



Magyarországi földrengések évkönyve

Hungarian Earthquake Bulletin

2022

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



Georisk

Földrengés Mérnöki Iroda ♦ Earthquake Engineering

Budapest

MAGYARORSZÁGI FÖLDRENGÉSEK ÉVKÖNYVE

HUNGARIAN EARTHQUAKE BULLETIN

2022

TÓTH LÁSZLÓ¹, MÓNUS PÉTER¹, KISZELY MÁRTA²,
TROSITS DALMA¹

Hivatkozás

Tóth L., Mónus P., Kiszely M., Trosits D.
Magyarországi földrengések évkönyve 2022
GeoRisk, Budapest, 2023.
HU ISSN 1589-8326
doi:10.7914/SN/HM

Bibliographic reference

Tóth, L., Mónus, P., Kiszely, M., Trosits D.
Hungarian Earthquake Bulletin, 2022
GeoRisk, Budapest, 2023.
HU ISSN 1219-963X
doi:10.7914/SN/HM

GEORISK

BUDAPEST 2023

© *GeoRisk*
Budaörsi út 131/A, H-1118 Budapest, Hungary
www.georisk.hu
info@georisk.hu

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**Készült az MVM Paksi Atomerőmű Zrt. és a Paks II. Atomerőmű Zrt. támogatásával.
This work was supported by MVM Paks Nuclear Power Plant Ltd. and Paks II. Nuclear Power Plant Ltd.**

HU ISSN 1589-8326 (magyar)
HU ISSN 1219-963X (English)
doi:10.7914/SN/HM

Felelős kiadó: Dr. Tóth László

¹ GeoRisk Earthquake Engineering, Budapest

² Kövesligethy Radó Seismological Observatory, ELKH, Budapest

Hátsó borító: Földrengések Magyarországon
Történelmi rendések: 456-1994 (szürke)
Műszeresen meghatározott rendések: 1995-2021 (rózsaszín)
Műszeresen meghatározott rendések: 2022 (piros)

Back cover page: Earthquakes in Hungary
Historical earthquakes: 456-1994 (grey)
Instrumental earthquakes: 1995-2021 (pink)
Instrumental earthquakes: 2022 (red)

FÖLDRENGÉS ADATOK FORRÁSAI / SOURCES OF EARTHQUAKE DATA:
Zsíros T.: Magyar földrengés katalógus (456-1995)
Tóth et al.: Magyarországi földrengések évkönyve / Hungarian Earthquake Bulletin (1995-2022)

TARTALOMJEGYZÉK

BEVEZETÉS	5
1. ÖSSZEFOGLALÁS	7
2. FÖLDRENGÉS MEGFIGYELŐ ÁLLOMÁSOK MAGYARORSZÁGON	9
Szélessávú lyukszeizmográf állomások	9
Szélessávú felszíni állomások	9
Rövidperiódusú felszíni állomások	9
GeoRisk adatközpont	9
HUN-RENG virtuális szeizmológiai hálózat.....	10
3. ESEMÉNYLISTA ÉS FÖLDRENGÉS FÉSZEKPARAMÉTEREK.....	19
A földrengés fészekparaméterek meghatározása	19
Sebességmodell.....	19
Földrengések listája	21
Robbantások listája	33
Fészekparaméterek és fázisadatok	61
4. JELENTŐS (ÉREZHETŐ) FÖLDRENGÉSEK 2022-BEN	379
2022. július 23. – Iván.....	381
2022. július 28. – Répáshuta	383
2022. október 22. – Pat	385
2022. november 9. – Bagod	387
HIVATKOZÁSOK	389
A MELLÉKLET: <i>Európai Makroszeizmikus Skála (EMS)</i> és <i>Műszeres Intenzitás Skála (MIS)</i>	391

CONTENTS

INTRODUCTION	6
1. SUMMARY	8
2. SEISMOGRAPH STATIONS IN HUNGARY	11
Broadband borehole stations.....	11
Broadband surface stations	11
Short period surface stations.....	11
GeoRisk Data Centre	11
HUN-RENG virtual seismic network.....	12
3. LIST OF ORIGINS AND HYPOCENTER PARAMETERS	20
Method for hypocenter parameter determination	20
Crustal velocity model.....	20
List of earthquakes.....	21
List of explosions.....	33
Phase data	62
4. SIGNIFICANT (FELT) EARTHQUAKES IN 2022.....	380
23 July 2022 – Iván.....	381
28 July 2022 – Répáshuta	383
22 October 2022 – Pat	385
9 November 2022 – Bagod	387
REFERENCES.....	389
APPENDIX A: <i>European Macroseismic Scale (EMS)</i> <i>and Instrumental Intensity Scale (IIS)</i>	393

BEVEZETÉS

A Pannon-medencében a földrengés aktivitás a lemezperemi területekhez képest mérsékelt, a rendések epicentrumainak eloszlása pedig első pillantásra rendszertelennek látszik. Nehéz elődönteni, 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 csekélyiségett: komoly épületkárokat okozó földrengésekkel van szó, néhány esetben talajfolyósodást is okozó gyorsulásokkal (pl. 1763 Komárom, M 6.2; 1911 Kecskemét, M 5.6; 1956 Dunaharaszti, M 5.6), esetleg a felszínen is megjelenő töréssel (pl. 1834 Érmellék, M 6.2). Ezek a példák azt mutatják, hogy 6.0-6.5 magnitúdójú rendések lehetségesek, de nem gyakoriak a Pannon-medencében (Tóth et al., 2002a).

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

Az általános ismeretszerzésen túlmenően a földrengés elleni védekezéshez is fontos segítséget nyújt a szeizmicitás pontos ismerete. Egy terület földrengés veszélyeztetettségét csak komplex szeizmológiai, geofizikai, geológiai ismeretek alapján lehet meghatározni. A legfontosabb információ, mely mennyiségileg meghatározza a földrengésveszélyességet, a terület földrengés története, illetve a jelenkorú rendések 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 érzékeltek valamennyi rendést a hálózat nagy valószínűsséggel detektálja. Ez nagyrészt annak a szeizmikus megfigyelő hálózatnak volt köszönhető, melyet a Paksi Atomerőmű létesített az atomerőmű telephely tágabb környezetében. Ekkor vált lehetővé a lokális földrengések hipocentrumának számítása. A mérőhálózat 2016-ban ismét nagyon fejlődött, öt lyukszeizmográf állomás épült és kezdte meg működését.

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

INTRODUCTION

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

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

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

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

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

1.

ÖSSZEFOGLALÁS

A 2022. év szeizmikus szempontból összességében átlagosan aktív időszaknak tekinthető Magyarországon. Az érezhető rengések száma is az átlagos körül alakult, négy rengés volt érezhető Magyarországon. Az év folyamán 2029 szeizmikus eseményről szereztünk tudomást a 45.5-49.0 É szélességi és 16.0-23.0 K hosszúsági koordináták által határolt területen, amelyek közül 493 volt természetes eredetű földrengés, 1536 pedig robbantás.

Az észlelt földrengések mérete a $0.0 \leq M_L \leq 3.4$ lokális magnitúdó tartományba esett. A feszekmélység minden esetben sekély ($0 - 22$ km), jellemzően $6 - 12$ km közötti.

A kőbányarobbantások szeizmikus magnitúdói a $0.3 \leq M_L \leq 2.5$ tartományban voltak, a feszekmélységük pedig minden esetben nulla.

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

A legnagyobb műszeresen meghatározott magnitúdójú rengés $3.4 M_L$, míg a legnagyobb földrengés intenzitás, mely Magyarország területén az év folyamán előfordult 4-5 MIS fokozatú volt. Épületkárok egyik földrengés következtében sem keletkeztek.

A rengések mindegyike többé-kevésbé ismert forrászónához köthető. A Vértes hegységben, a Komárom – Berhida közé eső területen, a Móri-árok forrászónában most is számos földrengést regisztráltunk. Ennek egyik, nem szeizmotektonikai magyarázata az állomáshálózat fokozott érzékenysége ezen a területen. Jelentős számú földrengés volt Ausztriában, a Bécs-medencében, elsősorban Bécsújhely környékén. A 2020. december 29-i petrinjai (Horvátország) 6.5 magnitúdójú nagy földrengést még ebben az évben is sok utórengés követte, de ezek nagy része kívül esik a megfigyelt földrajzi ablakon.

1. Július 23-án délután $3.4 M_L$ magnitúdójú földrengés pattant ki Vas – Veszprém – Győr–Moson-Sopron vármegyék hármas határa közelében, Répcelaktól nyugatra. A rengés érezhető volt az epicentrum térségében, az intenzitás elérte a 4-5 fokot a MIS szerint.
2. Július 28-án délután $2.5 M_L$ magnitúdójú földrengés pattant ki Répáshuta – Bükkzentkereszt közelében. A rengés gyengén érezhető volt az epicentrum térségében, az intenzitás elérte a 3 fokot a MIS szerint.
3. Október hónapban tucatnyi kisebb földrengés keletkezett Somogy – Zala vármegye határán, Pat település közelében, melyek közül október 22-én este egy $2.5 M_L$ magnitúdójú rengés érezhető volt az epicentrum környékén. Az epicentrum térségében az intenzitás elérte a 4-5 fokot a MIS szerint.
4. November 9-én reggel $2.3 M_L$ magnitúdójú földrengés keletkezett a Zala megyei Bagod közelében, mely enyhén érezhető volt az epicentrum közelében. A legnagyobb intenzitás 4 MIS-re tehető.

1.

SUMMARY

The year 2022 can be considered as an average active period from a seismic point of view in Hungary. The number of felt earthquakes was also around the average, there were four earthquakes felt in Hungary. Out of the 2029 seismic events located within the area bounded by latitudes 45.5-49.0 N and longitudes 16.0-23.0 E, 493 were identified as natural earthquakes and 1536 were known as explosions, mostly quarry blasts.

The magnitude of the earthquakes were in the range of $0.0 \leq M_L \leq 3.4$. Each of the earthquakes had shallow (0 – 22 km) focal depth, typically in the range of 6 – 12 km.

The seismic magnitude of the quarry blasts were in the range of $0.3 \leq M_L < 2.5$ with zero focal depth.

There were a total of four earthquakes in the year that were also felt by the population.

The highest magnitude assigned to a shock was 3.4 M_L while the highest intensity reported during the year was 4-5 IIS. Building damage in Hungarian territory was not caused by any of the earthquakes.

Each of the earthquakes can be linked to a more or less known source zone. We have recorded several earthquakes in the Vértes Mountains, in the area between Komárom and Berhida, in the source zone of the Mór graben. One non-seismotectonic explanation for this is the increased sensitivity of the station network in this area. There have been a significant number of earthquakes in the Vienna Basin in Austria, mainly around Wiener Neustadt. The magnitude 6.5 earthquake in Petrinja, Croatia, on December 29, 2020, was followed by a number of aftershocks in this year too, but most of these are outside the monitored geographical window.

1. On the afternoon of July 23, an earthquake with a magnitude of 3.4 M_L occurred near the triple border of Vas – Veszprém – Győr-Moson-Sopron counties, west of Répcelak. The earthquake was felt in the area of the epicenter, the intensity reached 4-5 degrees according to the IIS.
2. On the afternoon of July 28, an earthquake with a magnitude of 2.5 M_L occurred near Répáshuta – Bükkzentkereszt. The earthquake was weakly felt in the area of the epicenter, the intensity reached 3 degrees according to the IIS.
3. In the month of October, dozens of smaller earthquakes occurred on the border of the Somogy – Zala counties, near the settlement of Pat. On the evening of October 22, a 2.5 M_L earthquake was felt near the epicenter. In the area of the epicenter, the intensity reached 4-5 degrees, according to the IIS.
4. On the morning of November 9, an earthquake with a magnitude of 2.3 M_L occurred near Bagod in Zala county, which was slightly felt near the epicenter. The maximum intensity can be set to 4 IIS.

2.

FÖLDRENGÉS MEGFIGYELŐ ÁLLOMÁSOK MAGYARORSZÁGON

2022. évben 31 állandó és elérhető szeizmográf állomás működött Magyarországon, melyek közül öt lyukszeizmográf, huszonhat felszíni állomás. Az állomások közül tizenhatot a GeoRisk Földrengés Mérnöki Iroda Kft., tizenötöt pedig a Kövesligethy Radó Szeizmológiai Obszervatórium (ELKH) üzemeltetett (2.1. Táblázat és 2.1. ábra).

Szélessávú lyukszeizmográf állomások

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

A PKB1 állomáson párhuzamos mérés folyik a 150 m-es fúrólyukban és a felszínen. Guralp Radian Borehole szélessávú lyukszeizmométer és Guralp CMG-40T felszíni szeizmométer csatlakozik a Minimus adatgyűjtőhöz.

Mindegyik állomás internet összeköttetéssel rendelkezik.

Szélessávú felszíni állomások

2022-ben 16 szélessávú felszíni szeizmológiai állomás működött (ABAH, AMBH, BEHE, BSZH, BUD, CSKK, EGYH, KOVH, LTVH, MORH, MPLH, PBUD, PSZ, SOP, TIH, TRPA). Az állomások nagy részénél az érzékelő 3 komponenses szélessávú Streckeisen STS-2, illetve STS-2.5 szeizmométer; az érzékelő jele EarthData PS-6-24 digitalizáló egységen át jut a SeisComp szoftverrel felszerelt adatgyűjtő számítógépre. Az AMBH, CSKK, EGYH, LTVH és TIH állomásokon Guralp CMG-3T szeizmométer és Guralp CMG-DM24S3-EAM adatgyűjtő egység található. A PBUD állomáson az érzékelő 3 komponenses szélessávú Nanometrics Trillium Posthole szeizmométer, a digitalizáló, adatgyűjtő és kommunikációs egység Nanometrics Centaur CTR-3.

Mindegyik állomás internet összeköttetéssel rendelkezik.

Rövidperiódusú felszíni állomások

A 10 rövidperiódusú felszíni állomás mindegyike teljesen azonos mérőeszközzel van felszerelve. mindenhol Guralp CMG-40T rövidperiódusú, 3 komponenses szeizmométer és Guralp CMG-DM24S3-EAM digitalizáló és adatgyűjtő működik, folyamatos regisztrálással.

Mindegyik állomás internet összeköttetéssel rendelkezik.

GeoRisk adatközpont (www.foldrenges.hu)

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

működés ellenőrzését is szolgálják. Ezek a szeizmogramok is közel valós idejűek.

Az események hullámfázisainak körültekintő manuális kimérése alapján állítjuk össze havonta a fázisadatokat (kimérési adatokat) tartalmazó jelentést. A 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 hypocentrum adatait tartalmazza.

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

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

HUN-Reng virtuális szeizmológiai hálózat

A kommunikáció fejlődése, a valós idejű adatátvitel és az azonos adatátviteli protokoll (SeedLink) világszerte 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 adatához való valós idejű hozzáférés lehetővé tette egy automatikus földrengésjelző rendszer elindítását is. Ez a rendszer automatikusan képes felismerni a földrengéseket, és azok paramétereit néhány percen belül kiszámítja, térképen és listán automatikusan meg is jeleníti. Az online földrengés információ elsősorban gyors tájékoztatásul szolgál (www.foldrenges.hu).

2.

SEISMOGRAPH STATIONS IN HUNGARY

In 2022, there were 31 permanent seismograph stations running and available in Hungary: five borehole stations and twenty six surface stations. Sixteen of the permanent stations were operated by GeoRisk Earthquake Engineering Ltd. and fifteen of them by Kövesligethy Radó Seismological Observatory (ELKH). (Table 2.1 and Fig. 2.1)

Broadband borehole stations

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

At PKB1 station, parallel measurements are taking place in the 150 m borehole and on the surface. Guralp Radian Borehole broadband sensor in the hole and Guralp CMG-40T on the surface are connected to the Minimus data acquisition unit.

Each station has a connection to the Internet.

Broadband surface stations

Sixteen broadband surface stations (ABAH, AMBH, BEHE, BSZH, BUD, CSKK, EGYH, KOVH, LTVH, MORH, MPLH, PBUD, PSZ, SOP, TIH, TRPA) were running during the year. Most of these stations have Streckeisen STS-2 or STS-2.5 very broadband seismometers as sensors and EarthData PS-6-24 digitizer. Linux PC's with SeisComP software have been used as data acquisition systems. Five stations (AMBH, CSKK, EGYH, LTVH and TIH) are equipped with Guralp CMG-3T seismometer and Guralp CMG-DM24-S3-EAM data acquisition module. Station PBUD has 3C Nanometrics Trillium Posthole seismométer and Nanometrics Centaur CTR-3 digitizer and data acquisition system.

Each station has a connection to the Internet.

Short period surface stations

Each of the ten short period stations has similar hardware. These stations are equipped with Guralp CMG-40T short period seismometers and Guralp CMG-DM24S3-EAM digital acquisition system. Continuous data are recorded at each short period station.

Each station has a connection to the Internet.

GeoRisk Data Centre (www.foldrenges.hu)

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

A careful manual offline analysis is used for event identification and picking the phases on each recorded seismogram. Merging the phase data of the Hungarian network and the same kind of available data sets from neighboring countries, preliminary event lists are calculated on monthly

schedule. Based on technical and operational statistics of the stations, list of local and regional seismic events and their hypocenter information, *Monthly Reports* are compiled.

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

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 the world. The larger pool of data provided by an extended, “virtual network” of seismic stations helps to have faster and more accurate earthquake locations and parameter determinations. In addition, near real time access to data from large number of stations makes possible to operate automatic rapid earthquake alarm systems. Automatically generated earthquake lists and epicenter maps are the main product of such systems (www.foldrenge.hu). The present configuration of the *HUN-Reng* virtual seismic network is shown in Table 2.2.

2.1. Táblázat Magyarországi szeizmológiai állomások, műszerek és alapkőzet**Table 2.1.** Seismic stations in Hungary, instrumentation and lithology

Kód Helység Code Location	Szélesség Latitude	Hosszúság (N)	Magasság Longitude	Alapkőzet Elevation	Állomás típusa Foundation	Érzékelő típusa (1)	Adatgyűjtő típusa Recording equipment (2)	Szerv. Org. (4)
					Station type	Sensor type (2)		
ABAH Abaújkér	48.2961	21.2395		173	kőzet rock	3C BB	STS-2.5	CMG-DM24S3- EAM
AMBH Ambrózfalva	46.3501	20.7258		91	üledék alluvium	3C BB	CMG-3T	CMG-DM24S3- EAM
BEHE Becsehely	46.4704	16.7757		298	üledék alluvium	3C BB	STS-2	PS-6-24+ SeisComP PC
BSZH Besenyszög	47.2996	20.2670		82	üledék alluvium	3C BB	STS-2.5	PS-6-24 + SeisComP PC
BUD Budapest	47.4836	19.0239		196	dolomit dolomite	3C BB	STS-2	PS-6-24+ SeisComP PC
CSKK Csókakő	47.3631	18.2605		319	dolomit dolomite	3C BB	CMG-3T	CMG-DM24S3- EAM
EGYH Egyházkesző	47.4171	17.3318		225	kőzet rock	3C BB	CMG-3T	CMG-DM24S3- EAM
KOVH Kővágótöttös	46.0883	18.0999		270	mészkő limestone	3C BB	STS-2.5	PS-6-24 + SeisComP PC
LTvh Létavértes	47.3849	21.9007		121	homok sand	3C BB	CMG-3T	CMG-DM24S3- EAM
MPLH Magyarpolány	47.1702	17.5395		307	kőzet rock	3C BB	STS-2.5	PS-6-24 + SeisComP PC
MORH Mórágy	46.2149	18.6435		135	gránit granite	3C BB	STS-2	PS-6-24 + SeisComP PC
PBUD Budapest	47.4656	19.0124		130	üledék alluvium	3C BB	TC20-PH2	CTR-3
PENC Penc	47.7905	19.2817		250	üledék alluvium	3C SP	CMG-40T	CMG-DM24S3- EAM
PKS2 Kecel	46.4920	19.2131		106	homok sand	3C SP	CMG-40T	CMG-DM24S3- EAM
PKB1 Előszállás	46.7843	18.7922		178	üledék alluvium	3C BB	RB-TR1301 and CMG-40T	Minimus GFOSU
PKB2 Akasztó	46.6744	19.2419		92	üledék alluvium	3C BB	TC20-PH2	CTR-3
PKB3 Császártöltés	46.4238	19.1949		110	üledék alluvium	3C BB	TC20-PH2	CTR-3
PKB4 Kölesd	46.4963	18.6038		172	üledék alluvium	3C BB	TC20-PH2	CTR-3
PKB5 Pusztahencse	46.5950	18.7356		184	üledék alluvium	3C BB	TC20-PH2	CTR-3
PKS6 Bócsa	46.5998	19.5645		120	homok sand	3C SP	CMG-40T	CMG-DM24S3- EAM
PKS7 Kunszentmiklós	47.0473	19.1609		95	agyag mud	3C SP	CMG-40T	CMG-DM24S3- EAM
PKS9 Tamási	46.5870	18.2789		240	lösz loess	3C SP	CMG-40T	CMG-DM24S3- EAM
PKSG Gánt	47.3918	18.3907		200	dolomit dolomite	3C SP	CMG-40T	CMG-DM24S3- EAM
PKSM Mórágy	46.2119	18.6413		170	gránit granite	3C SP	CMG-40T	CMG-DM24S3- EAM

Szeizmológiai állomások

Seismograph Stations

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

- (1) 3C – 3 komponenses szeizmométer / three component seismometer

SP – rövid periódusú szeizmométer / short period seismometer

BB – széles sávú szeizmométer / broad band seismometer

- (2) STS-2 / STS-2.5 – Streckeisen széles sávú szeizmométer / Streckeisen broadband seismometer

RB-TR1301 – Gúralp Radian lyukszeizmométer / Gúralp Radian Borehole seismometer

CMG-40T – Gúralp rövidperiódusú szeizmométer / Gúralp short period seismometer

CMG-3T – Gúralp széles sávú szeizmométer / Gúralp broad band seismometer

TC20-PH2 – Nanometrics Trillium széles sávú lyukszeizmométer /
Nanometrics Trillium Compact Posthole broadband seismometer

- (3) PS-6-24 – Earth Data digitalizáló / Earth Data digitizer

CMG-DM24S3-EAM – Gúralp adatgyűjtő / Gúralp data acquisition module

Minimus GFOSU – Gúralp Minimus 6 csatornás optikai felszíni egység / Gúralp Fiber Optic Surface Unit 6Ch

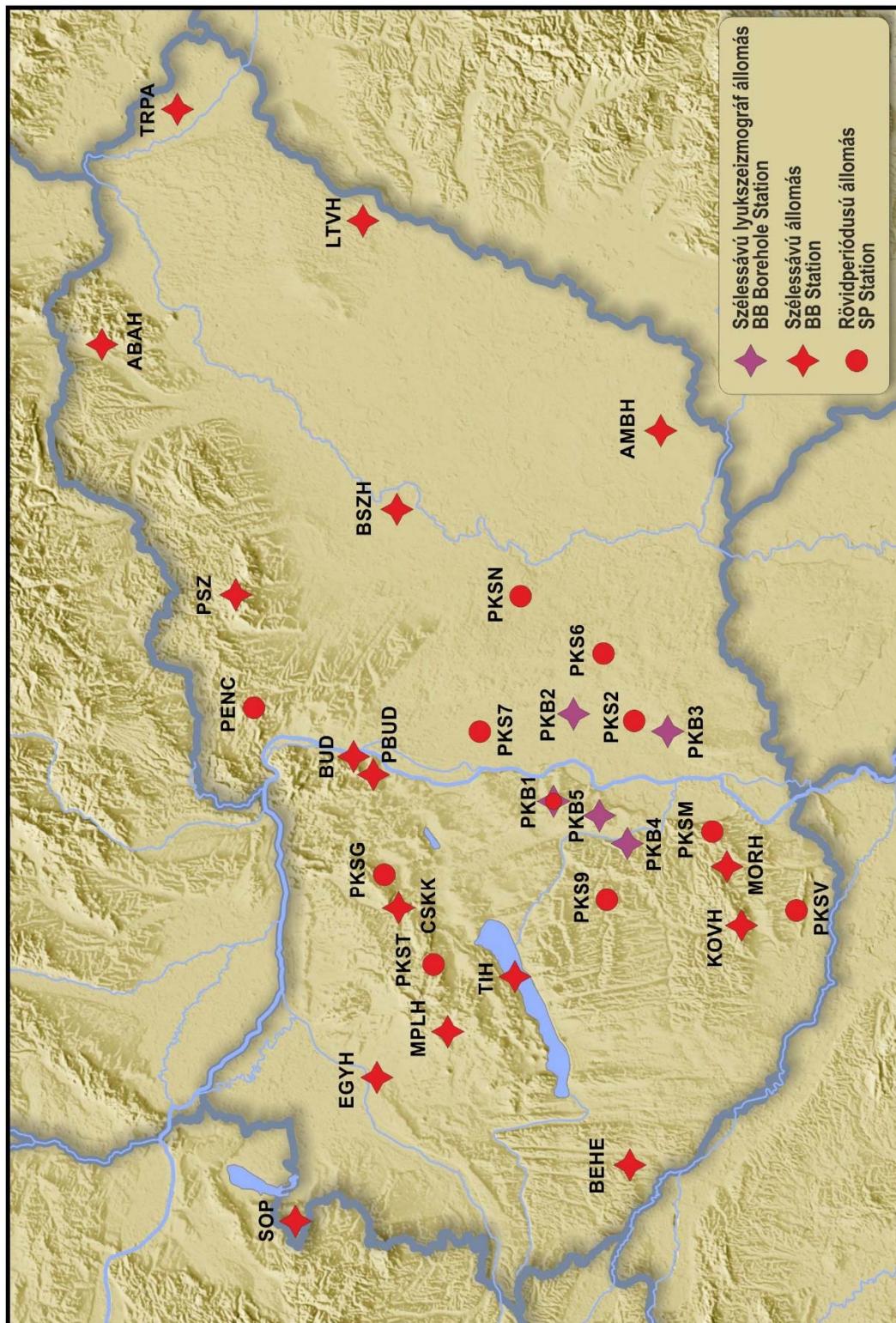
SeisComP – GEOFON Seismological Communication Processor

CTR-3 – Nanometrics Centaur adatgyűjtő / Nanometrics Centaur data acquisition module

- (4) KRSZO – Köveligethy Radó Szeizmológiai Obszervatórium / Köveligethy Radó Seismological Observatory

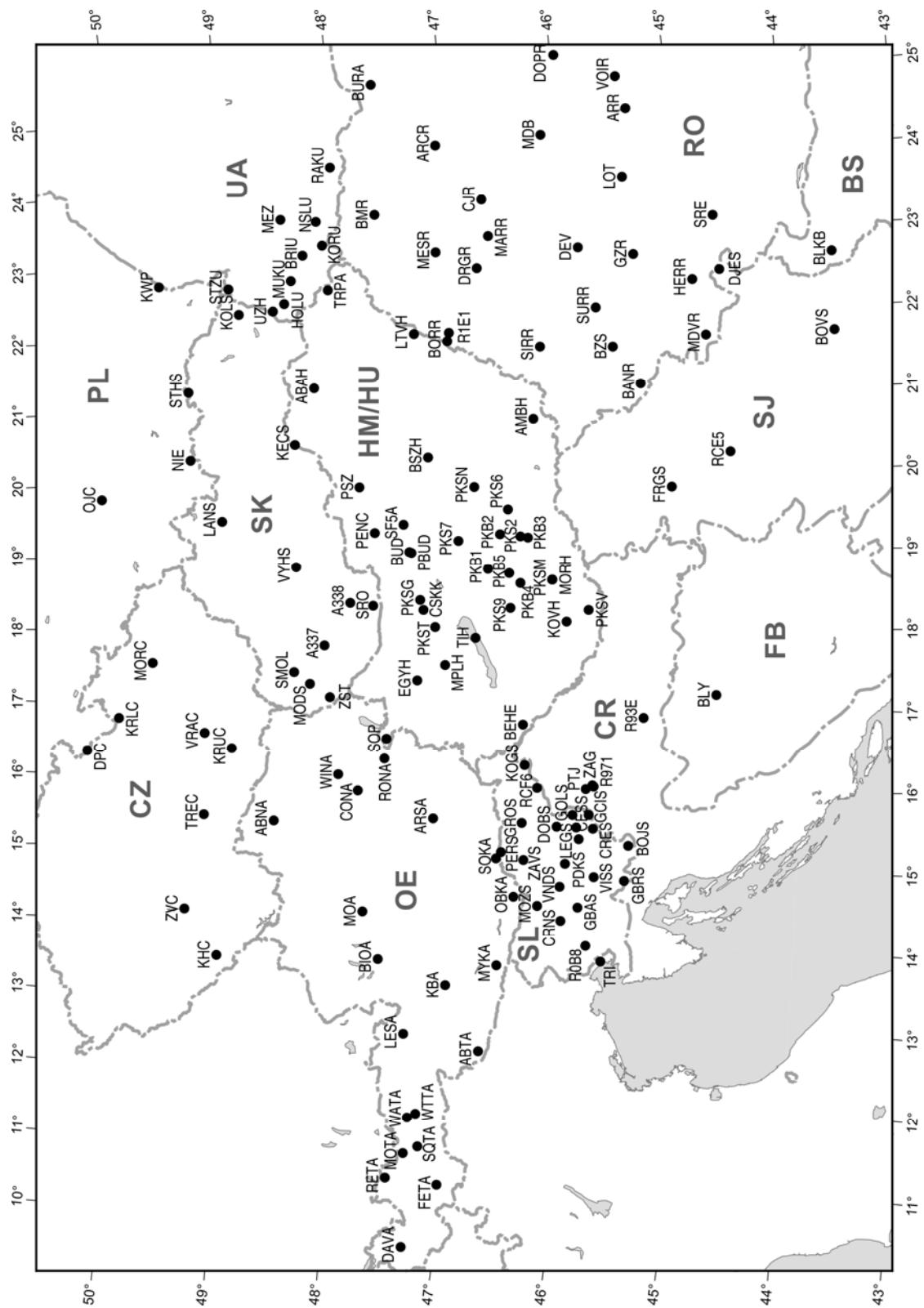
GR – GeoRisk Földrengés Mérnöki Iroda Kft. / GeoRisk Earthquake Engineering Ltd.

GEOFON – GEOFON Program GFZ Potsdam / GEOFON Program GFZ Potsdam



2.1. ábra Szeizmológiai állomások Magyarországon 2022-ben (részletek: 2.1. Táblázat)

Figure 2.1. Seismograph stations in Hungary in 2022 (See Table 2.1. for details)



2.2. ábra A hypocentrum 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 üzembentartó hálózat Operating network
CU	CariUSGS Caribbean Network USGS, Golden, CO
CZ	Czech Seismic Network Geophysical Institute, Czech Academy of Sciences
FB	Seismic Network of Federation of Bosnia and Herzegovina
GE	GEOFON GEOForschungsNetz (Geo Research Network)
GT	Global Telemetered Southern Hemisphere Network USGS Albuquerque Seismological Laboratory
HM	GeoRisk Earthquake Engineering, Hungary
HU	Hungarian National Seismological Network Kövesligethy Radó Seismological Observatory
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 Instituto 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 FÉSZEKPARAMÉTEREK

A FÖLDRENGÉS FÉSZEKPARAMÉTEREK MEGHATÁROZÁSA

A fészekparaméterek rutinszerű kiszámításához a többször módosított HYPO71PC programot használtuk (Lee and Lahr, 1975). A kimérés és magnitúdó meghatározás a német GEOFON program és a Gempa GmbH által fejlesztett SeisComP programmal történt (Helmholtz-Centre Potsdam - GFZ German Research Centre for Geosciences and gempa GmbH, 2008. The SeisComP seismological software package. GFZ Data Services. doi: 10.5880/GFZ.2.4.2020.003).

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

SEBESSÉGMODELL

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

Sebesség (v_P) [km/s]	Mélység [km]	Vastagság [km]	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

Modified HYPO71PC (Lee and Lahr, 1975) was used for the routine calculation of hypocenter parameters. For phase picking and magnitude determination, the SeisComP program developed by Gempa GmbH with the German GEOFON program was used (Helmholtz-Centre Potsdam - GFZ German Research Centre for Geosciences and gempa GmbH, 2008. The SeisComP seismological software package. GFZ Data Services. doi: 10.5880/GFZ.2.4.2020.003).

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 300 km have been weighted out. In some cases, when sufficient number of P readings were available, S phase readings were not used in the calculations.

CRUSTAL VELOCITY MODEL

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

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

FÖLDRENGÉSEK LISTÁJA / LIST OF EARTHQUAKES

Nap	Kipattanási idő UTC óó pp mp	Földrajzi koordináták Lat	Mélys. (km) Long	ML	I _{MAX} (MIS)	Helyszín
Day	Origin time UTC hr mn sec	Geographic coordinates Lat	Depth (km) Long	ML	I _{MAX} (IIS)	Locality or Region
JANUÁR / JANUARY, 2022						
02	18:33:52.2	46.046N	16.863E	10	2.3	- Croatia
03	0:28:29.4	45.832N	17.173E	8	1.6	- Croatia
04	0:26:27.6	47.352N	18.163E	8	0.8	- Nagyveleg
06	23:26:12.3	45.730N	21.690E	0	2.2	- Romania
07	5:04:05.1	45.731N	21.612E	10	1.4	- Romania
08	16:02:18.8	46.499N	16.149E	5	1.8	- Slovenia
08	16:08:07.8	46.458N	16.187E	11	2.2	- Slovenia
09	5:42:02.9	46.050N	16.840E	14	2.3	- Croatia
09	12:35:46.0	45.794N	16.922E	8	2.4	- Croatia
14	9:04:32.1	47.787N	16.225E	13	1.1	- Austria
14	23:03:06.3	47.697N	16.041E	6	2.8	- Austria
15	2:07:35.3	46.448N	16.234E	11	1.9	- Slovenia
15	2:40:24.2	46.461N	16.241E	12	1.5	- Slovenia
15	19:21:55.0	47.813N	16.233E	12	0.9	- Austria
16	21:52:57.6	47.938N	16.448E	8	1.4	- Austria
16	22:36:41.6	47.823N	16.288E	10	1.0	- Austria
17	18:56:17.8	46.847N	16.538E	4	2.0	- Felsőjánosfa
18	0:30:06.0	47.816N	16.236E	13	0.9	- Austria
19	5:05:19.8	47.848N	16.259E	8	1.9	- Austria
19	10:45:08.3	47.784N	16.227E	13	0.6	- Austria
19	16:34:58.1	47.818N	16.275E	11	0.7	- Austria
19	17:17:07.5	45.959N	17.063E	7	2.8	- Croatia
19	18:33:36.2	47.926N	16.438E	10	1.4	- Austria
20	0:14:50.2	47.784N	16.199E	9	0.5	- Austria
20	1:19:60.0	47.769N	16.208E	13	0.5	- Austria
20	6:22:47.3	47.794N	16.210E	14	0.6	- Austria
20	7:54:52.7	47.824N	16.257E	13	0.8	- Austria
20	19:08:23.9	47.798N	16.228E	13	1.1	- Austria
20	19:09:26.5	47.789N	16.232E	14	1.0	- Austria
20	21:15:56.8	47.783N	16.222E	14	1.0	- Austria
21	0:54:48.2	47.999N	20.522E	15	1.5	- Bükkzsérc
21	3:57:29.4	47.797N	16.204E	13	0.9	- Austria
21	14:23:27.5	47.311N	18.312E	9	0.6	- Söréd
21	18:19:27.9	46.031N	18.876E	0	0.9	- Nagybaracska
22	7:54:32.5	47.806N	16.237E	16	0.8	- Austria
22	9:09:20.5	47.827N	16.292E	14	0.6	- Austria
22	9:15:26.2	47.828N	16.268E	12	1.1	- Austria
22	9:59:42.8	47.813N	16.247E	13	1.1	- Austria
22	10:24:20.5	47.801N	16.239E	13	1.2	- Austria
22	11:04:53.1	47.828N	16.280E	10	0.9	- Austria
22	13:38:10.1	47.815N	16.231E	12	0.5	- Austria
22	13:43:17.8	47.773N	16.235E	14	0.6	- Austria
22	13:59:02.3	47.829N	16.251E	10	0.5	- Austria
22	14:30:11.5	47.806N	16.243E	13	0.6	- Austria
22	16:53:17.1	47.805N	16.225E	13	1.1	- Austria
22	17:50:23.6	47.799N	16.235E	13	1.2	- Austria
22	21:54:19.7	47.825N	16.221E	11	0.8	- Austria

Földrengés paraméterek

Hypocenter Parameters

22	23:24:26.6	47.830N	16.245E	10	0.3	-	Austria
23	0:05:53.4	47.795N	16.234E	17	0.6	-	Austria
23	3:45:16.5	47.813N	16.245E	11	0.8	-	Austria
23	4:17:28.4	47.797N	16.213E	14	0.6	-	Austria
23	4:18:33.1	47.826N	16.243E	11	0.4	-	Austria
23	17:14:29.1	47.818N	16.222E	11	1.0	-	Austria
23	18:19:27.1	45.860N	17.055E	7	2.0	-	Croatia
23	20:14:40.4	47.821N	16.245E	11	0.8	-	Austria
23	20:27:06.4	47.817N	16.261E	11	0.6	-	Austria
23	21:42:31.2	47.804N	16.088E	11	0.6	-	Austria
24	5:53:01.6	47.808N	16.287E	13	0.4	-	Austria
24	6:35:53.6	47.800N	16.275E	13	0.8	-	Austria
24	11:16:52.6	47.770N	16.192E	12	1.4	-	Austria
24	13:03:33.0	47.800N	16.278E	14	0.8	-	Austria
25	15:16:21.2	47.828N	16.283E	11	0.8	-	Austria
26	19:21:49.8	47.947N	16.981E	0	1.5	-	Austria
26	21:14:09.1	47.765N	16.227E	15	0.7	-	Austria
28	0:20:22.5	47.791N	16.237E	15	0.7	-	Austria
28	0:33:54.0	47.859N	19.275E	9	1.2	-	Nézsa
28	2:40:27.7	47.801N	16.237E	16	0.6	-	Austria
28	3:07:49.4	47.796N	16.256E	15	0.6	-	Austria
28	8:38:09.6	47.818N	16.272E	11	0.5	-	Austria
28	18:26:46.9	47.811N	16.243E	11	0.3	-	Austria
30	6:24:19.2	45.725N	18.079E	4	2.1	-	Croatia
30	16:54:12.9	47.956N	19.344E	17	1.2	-	Magyarnádor

FEBRUÁR / FEBRUARY, 2022

01	14:17:21.2	46.471N	16.125E	4	1.9	-	Slovenia
02	8:47:03.0	47.806N	16.240E	12	0.9	-	Austria
02	22:04:41.7	47.806N	16.233E	14	0.9	-	Austria
03	4:28:43.0	47.798N	16.221E	16	0.9	-	Austria
03	4:35:29.2	47.815N	16.277E	12	0.9	-	Austria
03	5:26:32.9	47.806N	16.242E	14	0.5	-	Austria
03	7:26:21.3	47.822N	16.253E	11	0.5	-	Austria
03	19:53:21.0	47.819N	16.325E	13	0.3	-	Austria
04	8:34:21.5	47.812N	16.257E	15	0.8	-	Austria
04	12:39:29.8	45.530N	17.348E	13	1.6	-	Croatia
04	13:55:12.2	47.806N	16.230E	13	1.4	-	Austria
04	23:11:15.7	47.812N	16.230E	12	0.6	-	Austria
05	0:31:13.8	47.818N	16.226E	12	1.4	-	Austria
05	1:37:56.4	47.836N	16.278E	13	0.5	-	Austria
05	7:53:00.3	47.812N	16.254E	11	1.2	-	Austria
05	8:16:05.3	47.807N	16.279E	10	0.7	-	Austria
05	13:00:52.2	47.819N	16.247E	11	1.5	-	Austria
05	18:33:59.2	47.811N	16.229E	12	1.2	-	Austria
05	18:37:50.6	47.835N	16.257E	10	1.6	-	Austria
05	18:52:20.9	47.828N	16.283E	11	0.5	-	Austria
06	0:55:19.2	47.797N	16.216E	12	0.8	-	Austria
06	1:25:19.5	47.842N	16.246E	5	2.2	-	Austria
06	1:28:05.3	47.843N	16.246E	5	1.5	-	Austria
06	1:30:56.8	47.817N	16.272E	14	0.8	-	Austria
06	1:35:24.3	47.854N	16.192E	3	1.9	-	Austria
06	2:31:17.0	47.811N	16.267E	15	0.6	-	Austria
06	2:46:19.5	47.780N	16.222E	16	0.5	-	Austria
06	3:36:01.9	47.787N	16.288E	15	0.5	-	Austria
06	4:00:02.3	47.984N	20.445E	6	1.5	-	Felsőtárkány
06	4:15:12.5	47.843N	16.282E	10	0.5	-	Austria
06	5:12:21.8	47.790N	16.243E	15	0.8	-	Austria
06	6:00:36.1	47.814N	16.240E	13	0.5	-	Austria
06	7:50:46.2	47.773N	16.211E	15	0.8	-	Austria

Hypocenter Parameters**Földrengés paraméterek**

06	11:43:40.2	47.824N	16.295E	12	0.7	-	Austria
06	11:48:53.1	47.821N	16.277E	12	0.9	-	Austria
06	18:16:35.4	47.779N	16.239E	15	0.8	-	Austria
06	18:23:35.5	47.765N	16.230E	14	0.8	-	Austria
06	20:54:39.8	47.831N	16.243E	10	1.3	-	Austria
07	6:02:49.1	47.802N	16.259E	10	0.8	-	Austria
07	10:25:16.0	47.791N	16.299E	14	0.5	-	Austria
07	16:35:20.2	47.797N	16.267E	14	0.9	-	Austria
07	17:58:01.1	47.796N	16.226E	14	0.7	-	Austria
08	0:24:15.6	45.531N	16.490E	0	2.3	-	Croatia
08	6:39:25.1	47.797N	16.229E	14	1.0	-	Austria
09	4:25:58.6	47.803N	16.243E	13	1.0	-	Austria
09	5:07:51.0	47.819N	16.201E	10	0.9	-	Austria
09	5:29:25.3	47.819N	16.224E	12	0.8	-	Austria
09	8:07:50.5	47.823N	16.252E	13	0.8	-	Austria
09	8:23:52.3	47.815N	16.212E	11	1.1	-	Austria
09	8:54:20.4	48.607N	20.779E	7	1.8	-	Slovakia
09	15:13:25.1	47.799N	16.220E	15	1.2	-	Austria
09	20:29:51.7	47.852N	16.233E	6	2.1	-	Austria
09	20:33:28.5	47.915N	16.410E	17	1.0	-	Austria
10	4:53:29.0	47.789N	16.229E	15	1.3	-	Austria
10	5:14:33.3	47.802N	16.241E	15	1.6	-	Austria
10	13:59:33.6	47.808N	16.232E	12	1.1	-	Austria
10	15:40:03.2	47.809N	16.233E	12	0.8	-	Austria
10	17:22:58.3	47.846N	16.236E	4	1.7	-	Austria
10	22:02:07.6	47.799N	16.262E	16	1.2	-	Austria
10	23:02:01.6	47.810N	16.274E	12	1.1	-	Austria
11	19:53:46.0	46.437N	16.223E	10	2.0	-	Slovenia
12	3:48:59.0	46.468N	16.179E	10	2.0	-	Slovenia
12	17:58:49.8	47.820N	16.236E	13	0.8	-	Austria
12	19:23:24.0	47.821N	16.231E	10	1.1	-	Austria
13	17:18:11.2	46.051N	22.121E	0	2.5	-	Romania
13	17:47:21.0	47.818N	16.269E	12	0.8	-	Austria
13	19:25:38.8	47.770N	16.219E	15	0.4	-	Austria
13	23:10:24.2	47.788N	16.243E	14	0.5	-	Austria
13	23:20:05.5	47.813N	16.278E	13	0.7	-	Austria
14	1:03:00.4	47.823N	16.260E	12	0.4	-	Austria
14	1:21:23.6	47.815N	16.256E	12	1.0	-	Austria
14	1:53:27.7	47.814N	16.271E	11	1.4	-	Austria
14	5:01:18.8	47.811N	16.260E	13	0.4	-	Austria
14	16:16:11.4	47.819N	16.264E	12	0.8	-	Austria
14	17:06:29.0	47.808N	16.259E	13	0.7	-	Austria
14	17:39:42.6	47.813N	16.281E	15	0.7	-	Austria
14	18:11:19.5	47.759N	16.216E	9	0.6	-	Austria
14	18:18:47.1	47.804N	16.238E	14	0.6	-	Austria
14	18:21:29.4	47.822N	16.243E	12	1.0	-	Austria
14	20:03:51.8	47.777N	16.286E	17	0.3	-	Austria
14	20:19:20.1	47.806N	16.256E	14	0.7	-	Austria
14	20:26:52.6	47.812N	16.264E	13	1.0	-	Austria
14	20:28:10.7	47.798N	16.232E	14	0.8	-	Austria
14	21:08:21.7	47.769N	16.351E	11	0.2	-	Austria
14	21:13:48.2	47.814N	16.280E	14	0.6	-	Austria
15	0:43:36.0	47.820N	16.246E	12	0.6	-	Austria
15	2:06:46.1	47.789N	16.223E	13	0.6	-	Austria
15	2:48:10.1	47.847N	16.257E	7	2.0	-	Austria
15	2:49:14.6	47.822N	16.236E	11	1.4	-	Austria
15	2:57:30.0	47.788N	16.226E	16	0.4	-	Austria
15	4:35:37.8	47.817N	16.247E	11	1.0	-	Austria
15	7:21:51.6	47.817N	16.244E	11	0.8	-	Austria
15	7:31:05.2	47.797N	16.271E	8	0.6	-	Austria

Földrengés paraméterek

Hypocenter Parameters

15	8:27:29.8	47.819N	16.245E	12	0.7	-	Austria
15	19:57:12.4	47.826N	16.255E	10	0.6	-	Austria
15	21:47:50.4	47.424N	18.209E	7	0.0	-	Pusztavám
15	23:07:34.7	47.287N	18.299E	9	1.5	-	Magyaralmás
16	7:08:07.5	47.310N	18.302E	6	0.3	-	Söréd
17	22:01:39.8	47.795N	16.191E	11	0.6	-	Austria
18	6:56:01.8	47.818N	16.157E	6	0.6	-	Austria
20	6:05:11.7	45.891N	17.163E	15	2.1	-	Croatia
21	15:45:11.5	47.868N	16.338E	10	1.0	-	Austria
21	20:13:50.7	47.376N	18.136E	3	0.2	-	Nagyveleg
21	20:23:31.1	47.769N	16.221E	16	0.7	-	Austria
21	20:26:31.7	47.347N	18.162E	6	0.3	-	Nagyveleg
22	2:01:02.1	46.487N	16.204E	6	2.0	-	Slovenia
22	8:55:44.9	47.777N	16.202E	15	0.7	-	Austria
22	9:29:01.5	48.230N	21.999E	8	1.7	-	Kékcse
22	19:37:56.2	48.273N	22.259E	11	1.9	-	Mátyus
23	17:45:30.8	47.820N	16.235E	10	0.8	-	Austria
24	20:54:01.8	47.780N	16.223E	14	0.7	-	Austria
25	10:30:12.9	48.514N	17.501E	2	1.8	-	Slovakia
25	16:20:25.5	45.922N	17.090E	13	2.0	-	Croatia
25	18:26:13.2	47.911N	16.398E	17	1.2	-	Austria
26	22:49:26.4	46.175N	16.555E	13	2.7	-	Croatia
28	3:47:56.6	47.748N	16.154E	12	1.0	-	Austria
28	8:49:44.8	48.044N	19.965E	4	2.1	-	Mátraterenye
28	21:45:51.4	47.814N	16.277E	14	0.7	-	Austria

MÁRCIUS / MARCH, 2022

01	1:13:16.2	47.115N	16.007E	12	1.9	-	Austria
01	2:26:16.7	46.492N	17.686E	11	1.6	-	Somogyjád
05	22:02:29.5	45.537N	18.242E	2	2.0	-	Croatia
09	4:06:57.5	45.849N	17.147E	20	1.7	-	Croatia
11	4:35:09.0	48.035N	19.923E	16	1.5	-	Mátraterenye
11	11:48:17.6	47.027N	22.203E	7	2.3	-	Romania
12	7:30:58.0	46.096N	21.318E	2	1.1	-	Romania
12	11:39:03.1	46.977N	19.563E	13	1.8	-	Méntelek
12	14:37:12.0	45.912N	16.003E	8	1.7	-	Croatia
13	3:41:16.2	45.918N	16.015E	5	1.6	-	Croatia
13	11:51:43.1	45.539N	21.388E	16	1.9	-	Romania
14	12:21:52.2	45.507N	17.333E	8	1.9	-	Croatia
15	0:33:22.2	47.809N	16.271E	14	0.4	-	Austria
15	1:07:43.4	47.793N	16.235E	15	0.3	-	Austria
15	4:31:02.0	47.796N	16.242E	15	0.8	-	Austria
18	5:44:01.3	47.792N	16.220E	13	0.7	-	Austria
19	19:50:11.6	47.814N	16.218E	11	1.4	-	Austria
20	3:16:49.8	47.941N	16.406E	9	2.3	-	Austria
21	7:07:41.5	47.819N	16.299E	13	0.6	-	Austria
21	18:05:20.8	47.760N	18.270E	18	1.2	-	Slovakia
22	3:16:11.8	47.740N	18.206E	1	0.4	-	Almásfüzitő
24	0:16:42.0	47.763N	16.045E	9	1.8	-	Austria
25	20:30:12.6	45.687N	20.458E	10	1.5	-	Serbia
27	0:26:32.3	47.790N	16.224E	15	0.9	-	Austria
27	11:14:27.2	48.221N	21.554E	18	0.8	-	Kenézlő
27	21:20:37.6	47.817N	16.260E	11	0.6	-	Austria

ÁPRILIS / APRIL, 2022

02	3:49:28.2	47.967N	20.364E	0	1.2	-	Szarvaskő
02	8:22:07.8	45.617N	16.035E	11	2.2	-	Croatia
03	15:32:54.4	46.260N	16.419E	13	2.1	-	Croatia
03	17:23:16.5	46.223N	16.406E	12	2.0	-	Croatia
03	21:35:00.3	46.234N	16.422E	12	1.8	-	Croatia

Hypocenter Parameters**Földrengés paraméterek**

03	21:45:48.5	45.586N	18.620E	10	1.4	-	Croatia
05	23:54:11.8	45.591N	16.104E	8	2.3	-	Croatia
06	2:03:26.7	45.511N	20.993E	14	1.5	-	Croatia
06	13:53:54.1	47.781N	16.335E	16	1.2	-	Austria
06	15:00:54.9	45.587N	16.088E	9	2.8	-	Croatia
06	17:04:03.3	48.712N	19.255E	4	2.3	-	Slovakia
07	14:25:31.3	45.585N	22.875E	12	1.7	-	Romania
09	0:26:57.0	46.010N	20.893E	9	1.8	-	Romania
09	3:03:39.4	45.954N	16.015E	1	1.1	-	Croatia
09	3:23:55.7	45.896N	16.005E	7	2.2	-	Croatia
11	2:01:03.3	48.072N	19.850E	11	0.6	-	Vizslás
11	4:03:15.5	48.028N	19.886E	10	1.7	-	Nemti
12	4:11:42.3	45.708N	21.787E	4	2.0	-	Romania
14	9:12:08.7	47.242N	18.333E	3	1.0	-	Moha
14	12:03:07.4	47.829N	18.352E	6	1.9	-	Slovakia
14	14:45:50.6	45.737N	21.789E	4	1.5	-	Romania
14	23:43:38.8	46.153N	17.792E	10	1.1	-	Somogyhárság
15	0:00:40.0	46.125N	17.819E	16	1.2	-	Mozsgó
17	15:17:02.1	48.847N	21.944E	6	1.6	-	Slovakia
18	9:38:34.7	45.531N	16.143E	7	2.2	-	Croatia
18	19:55:47.3	47.097N	19.739E	9	1.7	-	Csemő
20	1:45:30.8	45.517N	16.323E	12	2.1	-	Croatia
21	17:19:10.1	47.524N	16.358E	8	0.9	-	Austria
23	3:26:56.1	47.832N	16.252E	14	0.4	-	Austria
24	6:21:27.9	45.672N	17.403E	8	2.5	-	Croatia
27	0:27:36.5	45.709N	21.813E	2	1.5	-	Romania
28	1:26:12.0	46.241N	19.047E	5	1.0	-	Érsekcsanád
28	8:48:01.1	47.698N	16.131E	10	1.5	-	Austria
29	22:51:25.5	48.063N	20.743E	11	1.3	-	Miskolctapolca

MÁJUS / MAY, 2022

01	10:36:34.9	45.942N	16.031E	4	1.3	-	Croatia
01	20:46:31.3	48.869N	22.055E	0	1.6	-	Slovakia
02	4:37:28.4	45.946N	16.037E	6	1.5	-	Croatia
04	10:28:40.7	47.794N	16.253E	15	0.9	-	Austria
05	16:24:46.9	47.558N	18.090E	14	1.2	-	Csép
05	23:03:29.4	47.206N	17.636E	9	1.2	-	Németbánya
06	2:40:44.9	45.878N	16.031E	14	1.3	-	Croatia
06	19:10:47.3	45.525N	16.090E	6	3.3	-	Croatia
08	5:04:05.3	46.475N	16.162E	11	1.9	-	Slovenia
09	17:29:32.9	47.390N	18.240E	4	0.6	-	Mór
10	4:07:09.2	47.801N	16.448E	12	1.0	-	Austria
10	9:51:17.3	47.269N	18.229E	2	0.5	-	Kincsesbánya
11	23:31:23.8	47.383N	18.234E	10	0.8	-	Mór
13	7:32:43.4	46.192N	17.227E	18	1.7	-	Somogyudvarhely
13	9:54:19.2	46.122N	21.747E	5	1.7	-	Romania
14	19:15:03.6	46.544N	17.846E	13	1.1	-	Szentgáloskér
15	6:11:56.9	47.843N	16.292E	13	0.6	-	Austria
17	6:55:47.1	47.335N	18.124E	8	1.1	-	Bakonycsernye
18	13:45:22.8	46.181N	16.413E	11	2.2	-	Croatia
19	4:26:37.0	47.987N	19.677E	1	0.9	-	Nagybárkány
19	20:39:40.2	45.522N	16.462E	7	1.9	-	Croatia
19	21:24:11.5	45.504N	16.464E	6	1.8	-	Croatia
20	3:02:34.8	47.332N	18.120E	8	0.6	-	Bakonycsernye
20	17:56:53.4	46.082N	21.749E	2	0.8	-	Romania
21	7:27:20.6	47.212N	18.112E	9	1.8	-	Várpalota
22	21:34:05.1	46.181N	16.439E	10	1.6	-	Croatia
22	23:35:44.0	46.180N	16.458E	13	1.5	-	Croatia
24	2:04:10.1	48.052N	16.594E	13	1.1	-	Austria
26	8:57:36.0	47.338N	18.272E	4	1.0	-	Csákberény

Földrengés paraméterek

Hypocenter Parameters

26 23:05:17.0 46.442N 16.289E 14 1.6 - Slovenia
 30 9:15:31.3 48.382N 21.642E 10 1.5 - Sátoraljaújhely

JÚNIUS / JUNE, 2022

01	20:39:47.9	48.627N	19.476E	15	1.6	-	Slovakia
02	6:00:12.0	47.791N	16.244E	13	0.9	-	Austria
02	17:44:40.8	46.266N	19.823E	8	1.8	-	Zákányszék
02	19:35:59.8	48.796N	22.141E	9	1.6	-	Slovakia
03	18:26:45.9	45.730N	17.554E	11	1.1	-	Croatia
04	17:52:58.2	45.598N	21.319E	12	1.7	-	Romania
08	11:01:54.8	45.514N	20.990E	10	1.8	-	Croatia
13	4:25:05.5	46.242N	16.448E	11	2.0	-	Croatia
13	14:33:31.9	45.782N	21.569E	11	1.9	-	Romania
14	5:20:29.9	48.166N	21.974E	11	1.6	-	Pátroha
16	9:48:28.2	46.483N	16.159E	7	2.1	-	Slovenia
19	4:52:25.3	47.804N	16.244E	13	0.6	-	Austria
20	19:08:43.7	48.021N	16.463E	10	1.1	-	Austria
24	20:04:14.4	47.698N	16.089E	11	0.7	-	Austria
25	6:08:35.8	47.769N	18.217E	7	1.3	-	Slovakia
25	7:18:47.2	47.826N	18.162E	9	1.3	-	Slovakia
25	16:32:24.4	46.103N	18.169E	3	0.5	-	Kővágószőlős
26	4:45:23.2	46.091N	18.173E	1	0.4	-	Cserkút
26	20:34:07.2	45.883N	16.063E	11	1.3	-	Croatia
27	13:20:57.6	46.088N	17.015E	11	2.2	-	Croatia
29	21:04:04.6	45.879N	16.002E	1	1.2	-	Croatia
30	10:00:23.0	48.140N	16.895E	12	1.5	-	Austria

JÚLIUS / JULY, 2022

05	4:37:23.4	47.764N	18.224E	13	1.4	-	Slovakia
08	18:11:24.2	45.507N	16.210E	6	2.4	-	Croatia
10	19:47:08.8	47.446N	18.333E	11	0.7	-	Oroszlány
16	0:21:41.0	46.213N	16.677E	10	2.3	-	Croatia
16	0:49:57.7	46.268N	16.674E	17	1.0	-	Croatia
16	2:18:39.0	46.245N	16.663E	10	1.4	-	Croatia
16	3:03:39.4	46.226N	16.659E	9	2.0	-	Croatia
17	1:15:58.0	46.221N	16.655E	8	1.8	-	Croatia
17	22:01:21.5	47.758N	18.235E	9	1.1	-	Slovakia
20	23:21:57.2	47.868N	18.697E	3	1.0	-	Slovakia
21	0:42:37.6	48.375N	22.153E	13	1.0	-	Tiszabeszéd
23	2:48:26.3	45.987N	16.032E	0	1.1	-	Croatia
23	16:00:54.9	47.441N	16.917E	15	3.4	4-5	Iván
24	2:03:16.5	47.336N	20.201E	12	1.0	-	Jászladány
24	2:20:55.9	45.906N	16.027E	7	1.8	-	Croatia
28	10:46:48.4	48.073N	20.535E	6	1.6	-	Répáshuta
28	15:22:12.4	48.083N	20.534E	5	2.5	3	Répáshuta
28	16:24:01.2	48.064N	20.574E	10	1.1	-	Bükkszentkereszt
28	16:41:54.6	48.076N	20.538E	5	0.9	-	Répáshuta
28	20:36:30.3	48.089N	20.533E	0	0.9	-	Lillafüred
29	5:44:51.6	48.062N	20.551E	0	1.2	-	Bükkszentkereszt
29	14:26:20.6	45.567N	17.919E	13	1.5	-	Croatia
30	20:57:59.2	48.148N	22.148E	13	1.5	-	Szabolcsbáka
31	7:19:50.5	47.859N	16.038E	11	0.9	-	Austria
31	16:03:05.4	46.017N	17.051E	12	1.6	-	Croatia
31	23:23:54.2	47.339N	18.272E	4	0.4	-	Csákberény

AUGUSZTUS / AUGUST, 2022

01	4:24:02.7	45.535N	16.101E	8	3.1	-	Croatia
01	16:48:25.9	47.719N	16.453E	14	0.6	-	Austria
03	6:46:30.1	48.018N	20.513E	0	1.3	-	Répáshuta
03	7:12:00.6	45.547N	16.516E	8	2.2	-	Croatia

Hypocenter Parameters**Földrengés paraméterek**

05	21:05:56.7	47.224N	18.081E	5	0.9	-	Várpalota
06	10:30:39.2	45.511N	16.029E	13	1.9	-	Croatia
06	11:28:47.2	45.506N	16.139E	10	2.0	-	Croatia
06	19:07:13.1	47.405N	19.694E	0	1.4	-	Nagykáta
07	11:40:18.1	47.702N	16.166E	13	0.8	-	Austria
07	19:16:42.1	46.154N	16.073E	11	1.6	-	Croatia
09	9:47:49.0	45.507N	16.115E	9	2.2	-	Croatia
10	7:36:00.6	48.856N	21.585E	4	1.6	-	Slovakia
13	7:56:41.9	46.532N	21.247E	15	1.3	-	Elek
13	7:58:57.5	46.561N	21.238E	16	1.5	-	Elek
16	11:53:02.7	46.203N	16.622E	11	1.8	-	Croatia
18	3:40:36.5	47.090N	17.530E	2	1.2	-	Kolontár
18	20:36:08.6	47.273N	18.087E	9	0.5	-	Tés
19	4:30:45.7	46.499N	16.052E	2	1.5	-	Slovenia
21	3:33:03.0	45.915N	21.634E	10	1.5	-	Romania
21	18:43:12.9	47.855N	16.241E	15	0.7	-	Austria
25	12:48:16.3	45.535N	16.143E	10	2.1	-	Croatia
26	5:28:08.3	45.553N	16.055E	9	2.0	-	Croatia
27	0:39:59.3	45.904N	16.005E	8	1.8	-	Croatia
27	2:01:21.1	48.836N	21.846E	13	1.1	-	Slovakia
28	1:27:17.1	46.275N	22.478E	12	1.3	-	Romania
28	7:37:47.2	46.143N	17.247E	18	1.0	-	Bélavár
29	12:05:30.6	46.993N	19.005E	15	1.3	-	Szalkszentmárton
29	22:19:21.3	47.791N	16.281E	15	0.3	-	Austria
30	5:01:33.4	45.869N	21.798E	10	1.2	-	Romania
31	4:38:47.2	46.112N	16.619E	12	2.0	-	Croatia

SZEPTEMBER / SEPTEMBER, 2022

01	1:07:26.2	45.886N	16.046E	9	1.9	-	Croatia
02	0:40:28.2	46.205N	16.879E	10	1.7	-	Croatia
03	18:17:05.4	47.903N	16.421E	11	0.4	-	Austria
04	20:45:14.4	47.763N	16.125E	14	0.5	-	Austria
06	19:20:30.6	47.804N	16.353E	13	2.2	-	Austria
06	22:59:50.7	47.919N	16.353E	15	0.7	-	Austria
07	2:31:38.2	45.909N	16.010E	7	1.0	-	Croatia
08	22:51:07.4	47.326N	18.265E	10	0.2	-	Söréd
16	4:57:12.2	47.221N	17.768E	2	0.9	-	Pénzesgyőr
19	19:26:41.2	45.514N	16.124E	12	3.2	-	Croatia
20	16:36:26.3	46.136N	22.585E	0	1.8	-	Romania
20	22:33:32.7	46.250N	19.833E	13	1.4	-	Zákányszék
21	15:45:01.4	45.597N	16.056E	12	1.9	-	Croatia
22	20:16:07.5	47.371N	18.244E	11	1.5	-	Mór
23	21:54:17.6	47.348N	18.251E	11	0.9	-	Csókakő
24	8:16:56.4	46.142N	16.150E	13	2.1	-	Croatia
27	1:11:29.7	45.528N	16.032E	9	2.0	-	Croatia
28	14:24:13.1	47.867N	16.541E	10	1.1	-	Austria
29	13:20:03.8	46.412N	17.191E	13	1.6	-	Varászló
30	17:02:16.4	46.125N	17.027E	5	2.3	-	Croatia

OKTÓBER / OCTOBER, 2022

01	0:29:36.5	47.974N	19.435E	2	1.4	-	Cserhátsurány
02	5:52:53.1	48.292N	16.803E	9	2.6	-	Austria
02	6:28:09.9	48.285N	16.813E	11	1.8	-	Austria
02	8:17:34.9	48.294N	16.798E	6	2.3	-	Austria
02	8:28:26.4	48.303N	16.790E	3	1.7	-	Austria
02	8:34:04.0	48.302N	16.823E	8	1.7	-	Austria
02	8:41:32.3	48.322N	16.771E	1	1.9	-	Austria
02	8:54:49.5	48.294N	16.830E	16	1.5	-	Austria
02	9:10:08.8	48.316N	16.802E	9	1.9	-	Austria
02	9:10:34.3	48.287N	16.826E	7	2.0	-	Austria

Földrengés paraméterek

Hypocenter Parameters

02	12:23:57.7	48.393N	16.854E	1	1.1	-	Austria
02	12:25:20.6	48.416N	16.851E	10	1.5	-	Austria
02	12:32:57.8	48.411N	16.854E	8	1.7	-	Austria
02	17:06:01.3	48.283N	16.804E	14	1.6	-	Austria
04	15:41:08.7	45.503N	16.122E	0	2.7	-	Croatia
07	5:08:09.2	46.327N	19.736E	14	1.7	-	Pusztamérge
08	7:27:44.5	45.784N	17.583E	19	1.5	-	Croatia
09	2:45:10.9	45.533N	21.487E	7	1.0	-	Romania
10	12:19:42.3	45.614N	21.421E	17	1.6	-	Romania
10	19:04:03.8	47.388N	18.152E	9	0.4	-	Nagyveleg
12	4:18:14.7	46.476N	17.157E	19	1.5	-	Zalaszentjakab
13	3:36:58.7	47.305N	18.296E	8	0.4	-	Söréd
13	5:49:34.9	47.368N	18.247E	12	0.7	-	Mór
13	8:13:37.7	48.593N	20.537E	14	1.2	-	Slovakia
15	8:32:29.1	47.306N	18.307E	8	0.7	-	Söréd
15	21:50:57.1	47.297N	18.212E	8	0.4	-	Bodajk
17	14:59:19.0	45.522N	16.396E	8	2.4	-	Croatia
17	23:31:57.3	46.220N	16.548E	12	1.7	-	Croatia
18	2:41:30.8	46.239N	16.544E	11	1.8	-	Croatia
18	16:12:00.9	47.348N	18.271E	9	1.4	-	Csókakő
19	7:22:19.9	46.471N	17.219E	13	2.4	-	Somogysimonyi
19	13:25:37.4	46.434N	17.125E	20	1.5	-	Sand
19	14:57:47.5	46.500N	17.165E	19	1.6	-	Zalaszentjakab
20	9:47:48.5	47.371N	18.246E	4	0.9	-	Mór
21	21:49:11.1	47.391N	19.964E	11	1.8	-	Portelek
22	0:03:00.3	46.467N	16.164E	8	2.0	-	Slovenia
22	9:19:55.0	47.121N	19.741E	11	1.8	-	Csemő
22	10:50:04.3	47.110N	19.769E	10	1.6	-	Nyársapát
22	19:50:38.0	46.444N	17.208E	15	2.3	-	Varászló
22	20:59:56.7	46.455N	17.194E	15	2.5	4-5	Pat
22	22:42:37.3	45.939N	17.185E	19	1.7	-	Croatia
22	22:59:31.6	47.373N	18.368E	12	0.3	-	Gánt
22	23:34:59.3	46.431N	17.207E	14	1.3	-	Varászló
22	23:51:24.2	46.471N	17.253E	11	1.6	-	Nemesvid
23	2:44:04.5	47.349N	18.296E	10	0.0	-	Csákberény
23	7:00:33.1	46.507N	17.186E	17	1.4	-	Somogysimonyi
23	20:29:59.1	47.288N	18.228E	6	0.1	-	Kincsesbánya
24	5:19:59.6	48.187N	22.174E	10	1.8	-	Nyírlövő
24	6:08:30.0	47.373N	18.252E	3	0.7	-	Mór
24	9:27:15.1	47.793N	16.137E	12	1.2	-	Austria
26	17:10:25.8	45.549N	17.320E	14	1.2	-	Croatia
27	14:20:10.8	47.727N	16.027E	7	2.2	-	Austria
27	16:18:36.9	47.720N	16.004E	6	1.6	-	Austria
27	18:05:42.2	48.009N	16.524E	12	1.1	-	Austria
28	3:49:53.3	48.575N	17.480E	7	1.8	-	Slovakia
28	23:58:00.6	46.419N	16.324E	15	1.0	-	Slovenia
31	3:06:53.5	45.530N	18.274E	1	3.2	-	Croatia
31	17:17:18.6	46.068N	17.056E	11	1.8	-	Croatia

NOVEMBER / NOVEMBER, 2022

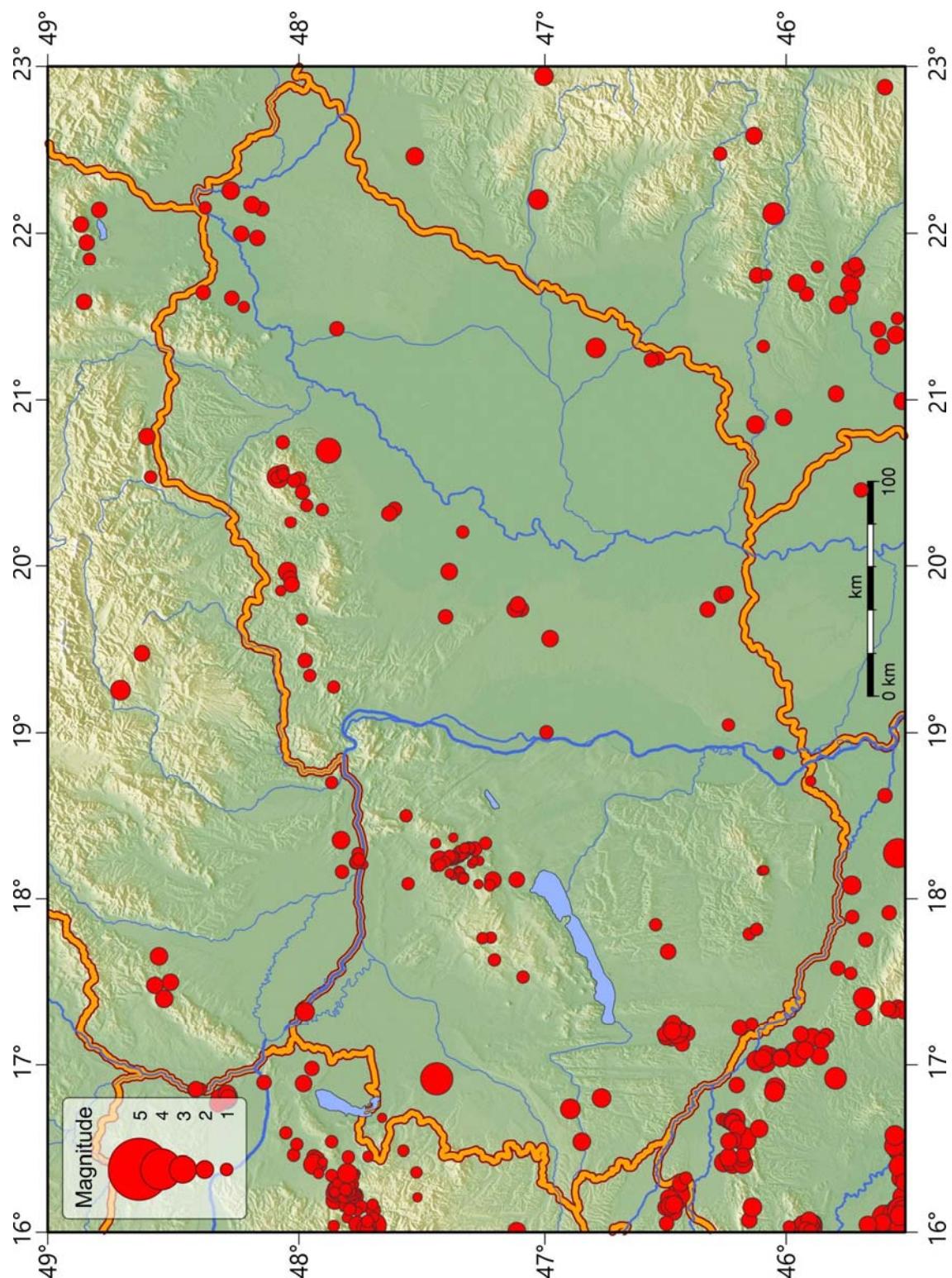
02	9:30:03.9	46.473N	17.203E	12	2.0	-	Somogysimonyi
03	3:46:43.4	48.559N	17.655E	8	1.9	-	Slovakia
03	19:53:39.9	45.892N	16.056E	9	1.8	-	Croatia
04	0:43:31.8	47.980N	16.890E	11	1.8	-	Austria
05	12:04:17.6	47.663N	16.682E	16	0.5	-	Fertőboz
05	21:35:28.1	45.881N	16.000E	4	1.5	-	Croatia
06	5:39:58.2	45.897N	18.709E	10	0.6	-	Croatia
08	6:58:34.2	45.572N	17.343E	13	1.7	-	Croatia
09	10:37:18.4	46.894N	16.735E	9	2.3	4	Bagod
10	8:07:49.3	46.791N	21.308E	10	2.2	-	Sarkadkeresztúr

Hypocenter Parameters**Földrengés paraméterek**

12	1:08:07.2	45.502N	16.299E	10	2.0	-	Croatia
13	9:24:05.7	45.907N	16.015E	7	1.5	-	Croatia
16	5:34:09.9	47.005N	22.940E	2	2.1	-	Romania
16	23:09:49.1	47.612N	20.343E	12	1.5	-	Átány
17	15:25:40.4	45.791N	21.033E	10	1.6	-	Romania
18	20:11:00.3	45.903N	16.034E	8	2.1	-	Croatia
19	6:26:10.4	45.934N	16.056E	12	1.4	-	Croatia
19	11:21:28.6	45.905N	16.072E	10	1.8	-	Croatia
20	1:45:11.8	47.904N	20.339E	0	1.0	-	Eger
21	6:41:05.9	47.430N	18.229E	11	2.1	-	Pusztavám
25	2:45:41.7	47.974N	17.322E	9	2.1	-	Dunakiliti
25	23:04:05.2	47.567N	18.500E	11	1.1	-	Tarján
26	0:49:49.1	45.724N	17.893E	16	1.3	-	Croatia
26	7:58:58.2	48.539N	17.400E	7	2.0	-	Slovakia
26	15:42:01.4	47.723N	16.010E	10	1.5	-	Austria
27	23:48:58.5	47.445N	18.190E	11	0.3	-	Felsődobos
28	20:21:44.6	46.019N	17.053E	12	1.5	-	Croatia
28	20:50:07.2	46.022N	17.039E	14	1.8	-	Croatia
28	21:15:24.8	46.088N	17.073E	10	1.5	-	Croatia

DECEMBER / DECEMBER, 2022

01	7:11:27.2	45.917N	16.016E	0	1.6	-	Croatia
01	10:12:42.8	45.899N	16.009E	6	1.3	-	Croatia
05	15:03:43.5	47.326N	18.306E	10	0.6	-	Söréd
05	23:42:39.8	47.389N	18.256E	9	1.2	-	Mór
07	4:27:09.5	47.633N	20.313E	12	1.6	-	Tenk
07	10:48:21.8	46.767N	16.801E	14	2.1	-	Gellénháza
10	6:37:56.7	48.032N	20.261E	1	0.8	-	Egerbocs
12	5:39:30.9	47.115N	18.115E	13	1.6	-	Berhida
15	6:37:11.1	47.256N	17.766E	15	0.8	-	Bakonybél
17	8:00:28.7	47.847N	21.425E	10	1.4	-	Hajdúnánás
17	11:39:03.2	47.880N	20.695E	0	2.8	-	Bükkábrány
17	18:42:56.3	46.127N	20.850E	22	2.0	-	Romania
18	8:21:46.0	47.810N	16.256E	14	1.2	-	Austria
19	7:33:40.6	47.722N	16.066E	10	1.1	-	Austria
21	9:05:11.5	45.544N	16.576E	4	2.3	-	Croatia
21	17:58:27.7	45.954N	21.699E	10	1.9	-	Romania
22	17:54:10.5	47.530N	22.462E	10	1.9	-	Romania
23	12:08:23.3	45.675N	17.284E	12	1.8	-	Croatia
25	4:52:33.7	47.407N	18.220E	11	0.8	-	Pusztavám
25	4:58:26.9	47.428N	18.202E	12	1.2	-	Pusztavám
25	18:10:55.3	45.657N	16.044E	11	1.9	-	Croatia
26	2:13:20.0	45.666N	17.755E	3	1.4	-	Croatia
27	6:13:33.2	47.577N	16.487E	6	0.8	-	Austria
27	17:42:34.1	48.269N	21.607E	0	1.4	-	Sárospatak
29	4:07:35.7	47.520N	16.210E	10	0.5	-	Austria
31	0:02:15.0	45.521N	16.100E	10	2.3	-	Croatia
31	4:35:25.5	46.098N	17.038E	12	2.0	-	Croatia

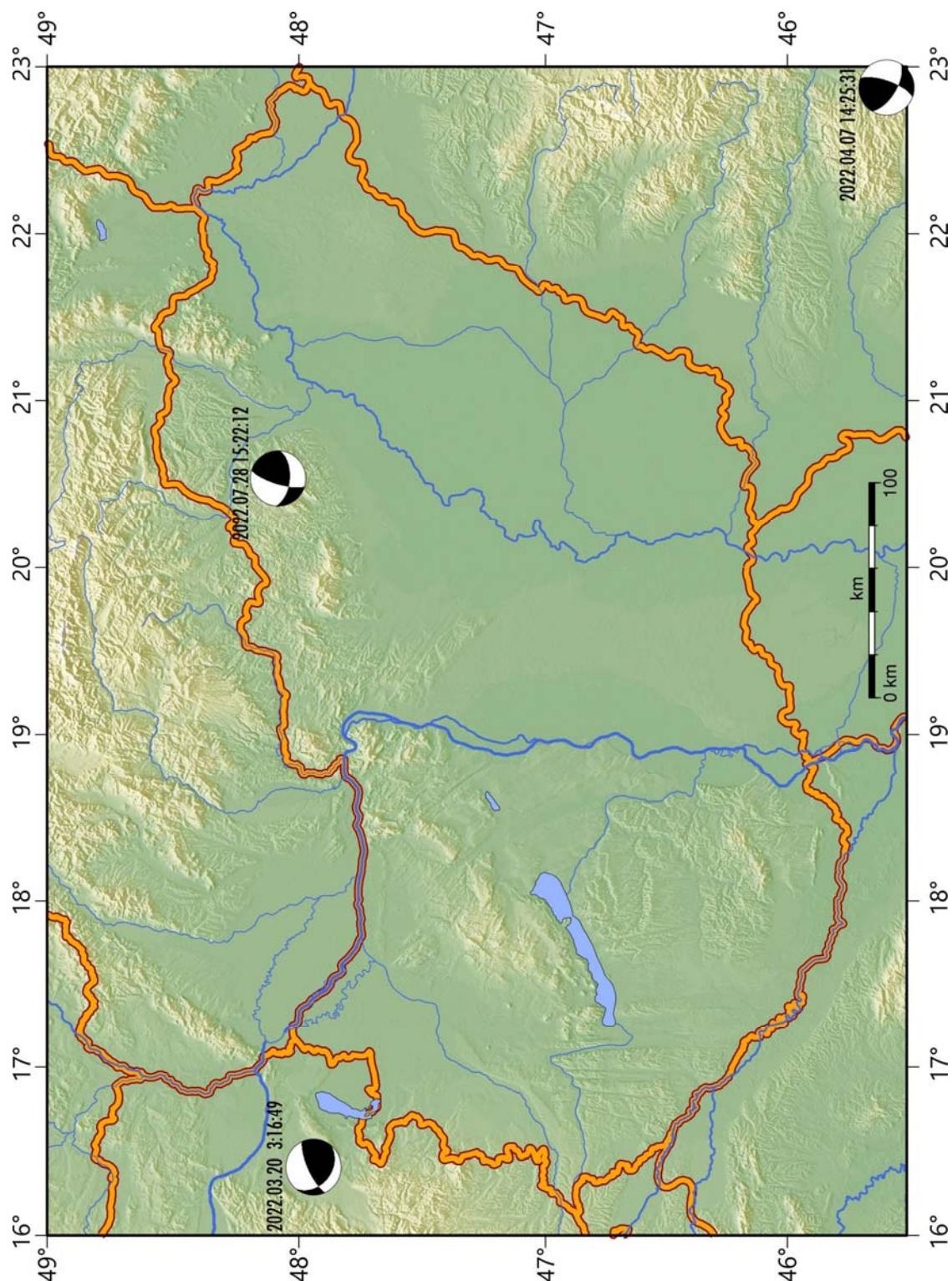


3.1. ábra A 2022-ben regisztrált földrengések epicentrumai

Figure 3.1. Epicenters of 2022 earthquakes

A 2022-ben regisztrált földrengések fészkek mechanizmusai
 Fault plane solutions of 2022 earthquakes

No	Date	Time	Epicentre		1st nodal plane			P axis		T axis		
			Lat	Lon	Strike	Dip	Rake	Azim	Plunge	Azim	Plunge	
1	2022.03.20.	03:16:49	47.94	16.40	130	35	150	359	22	119	51	
2	2022.04.07.	14:25:31	45.58	22.87	20	70	150	72	5	338	35	
3	2022.07.28.	15:22:12	48.08	20.53	95	55	160	322	12	61	37	



3.2. ábra A 2022-ben regisztrált földrengések feszékmechanizmusai

Figure 3.2. Fault plane solutions of 2022 earthquakes

ROBBANTÁSOK LISTÁJA / LIST OF EXPLOSIONS

Nap	Kipattanási idő UTC óó pp mp	Földrajzi koordináták Lat Long	ML	Helyszín
Day	Origin time UTC hr mn sec	Geographic coordinates Lat Long	ML	Locality or Region
JANUÁR / JANUARY, 2022				
03	9:36:16.5	48.591N 20.787E	1.5	Slovakia
05	7:29:27.5	46.000N 22.751E	1.7	Romania
05	8:35:16.8	46.042N 22.760E	1.7	Romania
05	14:17:26.1	46.017N 18.473E	1.4	Monyoród
07	9:13:59.1	46.133N 18.008E	1.6	Hetvehely
07	10:34:24.0	48.598N 20.767E	1.6	Slovakia
07	10:59:29.8	47.868N 20.171E	1.8	Tarnaszentmária
10	6:27:30.9	47.998N 16.091E	1.3	Austria
10	8:02:08.6	48.067N 20.714E	1.5	Miskolctapolca
10	9:00:27.8	47.319N 18.453E	1.6	Pátka
10	10:45:33.9	48.630N 20.780E	1.8	Slovakia
10	12:20:03.3	48.453N 17.192E	1.8	Slovakia
11	9:08:49.9	47.340N 18.442E	1.7	Zámoly
11	10:31:49.9	48.582N 20.739E	1.6	Slovakia
11	11:11:06.9	48.486N 19.555E	1.3	Slovakia
11	11:12:34.8	48.477N 19.562E	1.9	Slovakia
12	9:19:30.1	46.883N 17.397E	1.7	Tapolca
12	11:06:40.4	46.823N 17.430E	1.9	Hegymagas
12	13:23:59.2	47.857N 19.126E	1.6	Szendehely
12	13:28:19.0	47.875N 19.146E	1.5	Nótincs
13	8:09:37.8	47.329N 18.444E	1.5	Zámoly
13	11:15:39.2	47.570N 18.486E	0.9	Tatabánya
13	12:44:23.1	48.857N 21.628E	2.1	Slovakia
13	14:15:32.9	47.866N 16.050E	1.3	Austria
13	14:19:05.0	47.881N 16.041E	1.3	Austria
14	10:05:25.0	48.595N 20.767E	1.9	Slovakia
14	10:51:38.1	47.762N 19.042E	1.9	Dunabogdány
14	11:11:30.7	47.871N 20.153E	1.8	Tarnaszentmária
15	9:52:53.5	46.183N 18.290E	1.1	Zobákpuszta
17	8:18:10.9	48.023N 20.691E	1.7	Kisgyőr
17	9:08:52.1	46.173N 17.955E	1.2	Horváthertelend
17	10:21:39.9	48.018N 16.097E	1.7	Austria
17	11:24:51.1	48.608N 20.792E	2.2	Slovakia
18	8:35:31.7	47.334N 18.443E	1.3	Zámoly
18	9:04:59.0	48.556N 20.720E	1.5	Bódvaszilas
18	10:49:22.4	47.577N 18.404E	1.1	Tatabánya
18	11:58:38.3	46.151N 22.816E	1.6	Romania
19	8:24:54.3	47.995N 16.599E	1.5	Austria
19	8:30:17.7	45.862N 18.414E	1.3	Nagyharsány
19	8:34:30.6	46.803N 17.315E	1.6	Keszthely
19	9:15:41.0	48.719N 18.727E	1.7	Slovakia
19	9:36:51.2	46.121N 18.051E	1.5	Bükkösd
19	11:00:09.2	48.423N 20.686E	1.4	Alsótelkes
20	8:03:44.7	47.273N 18.356E	1.1	Sárkereszes
20	8:06:57.0	47.327N 18.440E	1.4	Zámoly
20	8:30:23.7	47.292N 18.325E	0.9	Magyaralmás

Földrengés paraméterek

Hypocenter Parameters

20	9:54:53.2	47.338N	18.415E	2.2	Zámoly
20	10:45:06.8	46.029N	21.833E	1.6	Romania
21	8:40:15.2	48.481N	17.383E	1.9	Slovakia
21	8:52:37.4	47.452N	18.696E	1.0	Etyek
21	8:59:39.5	46.125N	17.989E	1.0	Dinnyeberki
21	9:00:52.0	47.338N	18.434E	1.7	Zámoly
21	9:09:23.7	46.177N	18.285E	1.3	Zobákpuszta
21	9:12:49.0	47.863N	19.174E	1.6	Ősagárd
21	11:08:53.2	48.588N	20.744E	1.7	Slovakia
22	9:55:26.6	46.178N	18.277E	1.0	Zobákpuszta
24	8:07:32.0	48.087N	20.681E	1.6	Bükkszentlászló
24	9:45:23.7	48.022N	19.614E	1.3	Nagylóc
24	12:33:50.7	46.069N	22.080E	1.6	Romania
24	12:55:29.8	48.060N	21.347E	1.5	Tiszaladány
24	13:44:56.7	47.851N	16.038E	1.5	Austria
24	13:57:34.7	47.036N	22.263E	2.0	Romania
24	14:18:08.6	47.322N	17.642E	1.6	Ugod
25	8:44:46.2	47.332N	18.472E	2.1	Lovasberény
25	9:00:37.7	48.759N	16.343E	2.2	Austria
25	9:52:35.0	48.609N	20.741E	1.9	Slovakia
25	10:13:08.4	47.335N	18.447E	1.2	Zámoly
25	11:00:19.6	48.150N	16.909E	1.6	Austria
25	13:45:24.4	47.836N	16.020E	1.3	Austria
26	8:52:21.5	48.003N	20.341E	1.4	Szarvaskő
26	10:07:30.9	48.611N	20.770E	1.5	Slovakia
26	10:44:48.0	48.317N	18.991E	1.1	Slovakia
27	8:44:14.9	46.132N	17.999E	1.5	Hetvehely
27	8:52:40.9	47.312N	18.439E	1.8	Zámoly
27	8:54:01.6	47.336N	18.481E	1.6	Lovasberény
27	16:00:55.6	45.506N	17.849E	1.8	Croatia
28	9:18:28.7	47.073N	18.094E	1.3	Papkeszi
28	9:26:14.8	48.061N	20.725E	1.4	Miskolctapolca
28	9:44:06.7	46.140N	18.080E	1.4	Abaliget
28	10:21:26.9	48.612N	20.757E	1.7	Slovakia
28	10:41:01.3	47.877N	20.172E	1.6	Tarnaszentmária
28	13:07:33.9	46.019N	18.468E	0.9	Máriakéménd
31	7:40:18.1	46.136N	18.059E	0.9	Hetvehely
31	10:29:14.3	47.957N	16.060E	0.8	Austria
31	10:35:57.9	47.987N	16.074E	0.8	Austria

FEBRUÁR / FEBRUARY, 2022

01	8:15:26.6	48.625N	20.752E	1.6	Slovakia
01	8:30:40.4	47.290N	17.659E	1.4	Homokbődöge
01	9:30:56.0	47.321N	18.475E	2.0	Pátka
01	11:30:57.3	48.520N	22.515E	1.9	Ukraine
01	12:44:19.2	47.850N	16.041E	0.9	Austria
01	14:44:27.9	48.600N	20.827E	1.3	Slovakia
02	11:02:04.6	47.899N	20.159E	1.5	Tarnaszentmária
02	11:19:43.0	48.857N	21.177E	1.6	Slovakia
02	11:45:07.9	46.046N	22.043E	1.7	Romania
02	12:23:01.5	47.853N	16.046E	1.2	Austria
03	8:16:15.8	46.157N	18.010E	1.1	Hetvehely
03	9:34:12.1	48.589N	20.740E	1.4	Slovakia
03	9:47:03.7	47.854N	19.117E	1.5	Szendehely
03	10:02:25.1	47.908N	16.442E	1.1	Austria
03	11:00:13.8	48.180N	16.962E	1.3	Austria
04	8:52:15.3	45.520N	18.000E	2.0	Croatia
04	8:59:57.2	46.139N	18.032E	1.2	Hetvehely
04	9:56:21.8	48.596N	20.688E	1.7	Slovakia
04	10:00:26.7	48.591N	17.466E	1.9	Slovakia

Hypocenter Parameters**Földrengés paraméterek**

04	11:25:06.0	47.708N	18.711E	1.0	Csolnok
07	7:26:40.3	47.277N	18.361E	1.1	Magyaralmás
07	9:39:35.1	48.695N	20.711E	1.4	Slovakia
08	9:01:01.0	47.313N	18.437E	1.6	Zámoly
08	9:24:14.6	47.343N	18.451E	1.8	Zámoly
08	9:25:35.2	48.498N	17.403E	1.8	Slovakia
08	9:55:47.0	48.003N	16.099E	1.2	Austria
08	10:11:19.6	48.891N	20.549E	2.4	Slovakia
08	10:32:39.5	48.540N	19.380E	2.0	Slovakia
08	11:33:40.7	47.341N	18.418E	2.2	Zámoly
08	12:32:42.9	46.129N	16.394E	2.4	Croatia
08	13:26:52.2	45.944N	18.556E	1.2	Nagynyárád
09	10:08:12.5	47.989N	20.368E	1.6	Szarvaskő
09	11:00:21.0	48.150N	16.893E	1.8	Austria
09	12:13:10.5	47.944N	20.184E	1.8	Sirok
09	12:31:00.6	48.484N	19.423E	1.9	Slovakia
10	8:00:58.4	46.961N	22.719E	1.8	Romania
10	8:53:04.1	47.336N	18.449E	1.5	Zámoly
10	9:32:37.1	48.543N	17.458E	1.8	Slovakia
10	9:39:12.8	48.324N	18.534E	1.7	Slovakia
10	9:46:32.0	46.050N	22.083E	1.7	Romania
10	9:53:52.5	47.973N	16.096E	1.0	Austria
10	9:59:59.9	48.608N	20.768E	2.0	Slovakia
10	11:11:57.1	47.240N	18.259E	0.6	Iszkaszentgyörgy
10	11:30:04.9	47.180N	18.204E	0.9	Csór
11	8:03:23.9	47.000N	17.980E	1.3	Alsóörs
11	8:36:14.5	47.002N	22.259E	1.9	Romania
11	9:03:40.7	48.635N	20.729E	1.8	Slovakia
11	10:03:25.7	47.222N	18.281E	0.8	Iszkaszentgyörgy
11	10:50:57.5	46.964N	22.674E	1.5	Romania
11	11:41:51.4	47.000N	22.302E	1.6	Romania
11	12:15:13.0	48.887N	21.641E	2.0	Slovakia
12	12:13:28.5	45.672N	22.082E	1.6	Romania
14	9:22:34.4	45.832N	18.435E	1.1	Nagyharsány
14	10:41:02.3	47.861N	19.120E	1.4	Szendeheley
14	12:48:19.5	47.862N	16.057E	1.0	Austria
15	7:12:42.8	48.026N	16.129E	1.1	Austria
15	8:39:56.2	45.851N	18.426E	1.2	Nagyharsány
15	9:06:11.5	48.592N	20.747E	1.7	Slovakia
15	9:43:44.5	48.819N	20.995E	1.5	Slovakia
15	9:47:52.0	48.426N	19.520E	1.8	Slovakia
15	10:03:14.0	47.322N	18.469E	1.6	Pátka
15	10:52:06.0	47.204N	18.284E	0.7	Csór
15	11:01:03.3	48.116N	16.962E	1.8	Austria
15	11:07:54.5	48.898N	21.824E	1.8	Slovakia
15	14:15:22.2	46.022N	18.466E	1.3	Máriakéménd
16	7:19:34.3	47.193N	18.229E	0.7	Csór
16	8:30:03.8	45.553N	17.317E	1.7	Croatia
16	10:06:51.7	46.196N	18.274E	1.1	Komló
16	10:44:43.7	48.583N	20.732E	1.8	Slovakia
16	11:49:18.7	47.878N	20.170E	1.7	Tarnaszentmária
16	12:25:20.7	47.899N	16.446E	1.3	Austria
16	13:58:55.3	46.134N	21.764E	1.5	Romania
16	16:16:02.2	48.793N	18.795E	2.1	Slovakia
17	8:38:39.4	47.660N	18.504E	1.4	Héreg
17	8:40:03.1	47.904N	19.420E	1.2	Bercel
17	8:51:48.7	48.527N	17.500E	1.5	Slovakia
17	9:02:35.4	47.258N	17.660E	1.2	Németbánya
17	9:29:00.2	47.333N	18.428E	1.7	Zámoly
17	10:08:45.8	48.654N	19.646E	2.0	Slovakia

Földrengés paraméterek

Hypocenter Parameters

17	10:30:30.6	47.182N	18.335E	0.8	Székesfehérvár
17	11:56:04.1	48.431N	20.661E	1.4	Szólósardó
17	13:55:35.2	47.864N	16.051E	1.1	Austria
18	8:36:52.1	47.287N	18.338E	1.7	Magyaralmás
18	9:01:37.3	48.549N	20.806E	1.5	Bódvalenke
18	10:23:12.4	47.911N	16.472E	0.8	Austria
18	11:33:18.9	46.055N	18.425E	0.9	Kátoly
18	12:38:28.2	46.812N	22.844E	1.5	Romania
19	8:19:58.8	46.166N	18.269E	1.4	Mánfa
21	9:44:08.0	47.109N	18.058E	1.5	Vilonya
21	10:04:53.2	48.611N	20.711E	1.8	Slovakia
21	10:15:41.1	46.052N	22.096E	1.8	Romania
21	12:32:41.3	46.109N	16.424E	2.4	Croatia
22	9:43:11.4	48.526N	20.763E	1.6	Tornaszentandrás
22	10:00:01.6	48.419N	17.181E	2.0	Slovakia
22	10:06:49.7	48.527N	17.468E	1.4	Slovakia
22	12:18:21.8	46.034N	21.831E	1.5	Romania
22	13:18:22.9	47.970N	16.066E	1.1	Austria
23	7:45:33.4	48.530N	21.556E	1.5	Slovakia
23	8:37:42.3	48.016N	20.674E	1.5	Kisgyőr
23	9:13:00.7	46.843N	17.329E	1.9	Lesencefalu
23	9:28:43.1	48.598N	17.442E	1.3	Slovakia
23	12:59:10.3	47.637N	16.660E	1.6	Kópháza
24	7:56:57.6	47.330N	18.439E	1.3	Zámoly
24	9:12:49.3	48.993N	21.371E	2.4	Slovakia
24	10:08:43.4	48.553N	20.749E	2.0	Komjáti
24	10:58:49.7	47.233N	18.267E	0.6	Iszkaszentgyörgy
24	11:09:04.4	48.548N	19.380E	2.1	Slovakia
24	13:02:34.8	47.852N	16.021E	1.0	Austria
24	13:38:22.5	46.071N	18.133E	1.6	Cserkút
25	8:03:41.6	47.286N	17.635E	1.8	Homokbődöge
25	9:37:16.9	48.583N	20.735E	1.6	Slovakia
26	9:45:18.0	46.232N	18.250E	1.2	Kisbattyán
28	7:12:14.9	47.177N	18.265E	1.2	Sárkeszi
28	8:26:34.3	47.810N	19.886E	2.0	Gyöngyösoroszi
28	9:19:55.1	47.862N	16.039E	1.0	Austria
28	9:32:07.4	48.453N	19.539E	1.4	Slovakia
28	10:05:34.7	48.547N	19.307E	1.9	Slovakia
28	11:27:07.5	48.835N	21.598E	1.9	Slovakia
28	13:42:04.8	47.839N	20.197E	1.8	Verpelét

MÁRCIUS / MARCH, 2022

01	7:38:35.5	47.301N	18.322E	1.2	Magyaralmás
01	9:25:43.8	48.097N	20.703E	1.4	Pereces
01	10:01:12.2	48.500N	17.478E	1.3	Slovakia
01	10:24:56.7	48.575N	17.639E	1.9	Slovakia
01	10:52:11.5	48.558N	20.750E	1.8	Komjáti
01	11:00:11.6	48.148N	16.900E	1.8	Austria
01	12:13:58.0	47.852N	16.011E	1.6	Austria
01	12:23:18.1	47.866N	16.079E	1.4	Austria
02	8:02:56.5	47.986N	20.385E	1.5	Felsőtárkány
02	8:52:32.8	48.499N	17.432E	1.9	Slovakia
02	9:25:34.4	48.579N	20.723E	1.8	Slovakia
02	10:48:28.6	47.238N	18.276E	0.7	Iszkaszentgyörgy
02	11:16:36.0	46.121N	18.032E	1.6	Bükkösd
02	11:21:55.7	48.563N	20.708E	1.9	Bódvaszilas
02	15:05:14.1	47.120N	19.317E	2.0	Örkény
03	8:38:10.5	47.073N	18.036E	1.6	Balatonfűzfő
03	8:46:45.3	48.698N	19.879E	1.4	Slovakia
03	8:55:06.2	47.363N	18.458E	1.5	Csákvár

Hypocenter Parameters

Földrengés paraméterek

03	9:09:58.0	47.884N	19.837E	1.7	Mátraszentimre
03	9:22:01.6	48.439N	17.265E	1.9	Slovakia
03	9:57:35.0	48.705N	17.748E	1.9	Slovakia
03	10:05:45.4	47.869N	19.147E	1.6	Nőtincs
03	10:36:22.9	47.207N	18.293E	0.8	Székesfehérvár
03	10:38:14.8	48.598N	20.776E	1.9	Slovakia
03	15:03:41.8	47.090N	19.409E	1.8	Tatárszentgyörgy
04	8:49:15.9	48.499N	19.389E	1.9	Slovakia
04	9:01:50.1	48.395N	19.052E	1.9	Slovakia
04	10:31:39.8	47.185N	18.286E	0.9	Sárkeszi
04	11:10:11.6	47.929N	19.423E	1.7	Szanda
04	12:01:16.1	48.688N	18.541E	1.9	Slovakia
04	15:49:29.6	47.062N	19.415E	1.8	Tatárszentgyörgy
05	9:00:43.2	46.187N	18.277E	1.3	Komló
07	9:47:00.8	48.537N	20.784E	0.6	Bódvalenke
07	10:46:19.7	48.240N	21.230E	2.0	Tályva
07	11:00:42.3	48.572N	20.730E	1.4	Komjáti
08	9:40:59.9	47.330N	18.450E	1.8	Zámoly
08	9:56:15.1	48.589N	20.741E	1.5	Slovakia
08	10:21:19.3	47.743N	19.348E	1.4	Galgagyörk
09	8:04:27.2	45.804N	18.472E	1.2	Beremend
09	9:59:59.1	48.638N	20.749E	1.5	Slovakia
09	10:32:45.1	47.202N	18.314E	0.8	Székesfehérvár
09	10:56:51.3	47.837N	19.123E	1.7	Szendehely
10	8:58:18.1	48.194N	21.279E	2.2	Mád
10	9:29:46.0	48.660N	20.762E	1.4	Slovakia
10	9:57:24.2	48.540N	19.135E	1.6	Slovakia
10	10:56:16.8	48.967N	21.063E	1.6	Slovakia
10	11:05:44.1	48.826N	20.122E	1.2	Slovakia
10	11:30:03.4	47.251N	18.258E	0.6	Izsakszentgyörgy
10	12:35:41.0	46.175N	16.387E	2.2	Croatia
11	8:16:18.9	47.700N	18.544E	1.7	Bajót
11	8:42:10.7	47.510N	18.672E	1.7	Mány
11	9:01:21.5	46.101N	18.077E	1.4	Bakonya
11	9:59:29.3	47.053N	18.058E	1.5	Balatonfűzfő
11	10:44:32.0	48.415N	17.207E	1.9	Slovakia
11	12:07:26.7	47.575N	18.393E	1.4	Tatabánya
11	12:07:53.9	47.554N	18.580E	1.2	Gyermely
14	10:01:15.5	48.539N	19.311E	2.0	Slovakia
14	10:02:19.8	48.643N	17.449E	1.8	Slovakia
14	11:27:14.4	48.599N	20.744E	1.4	Slovakia
15	9:36:05.6	48.877N	21.055E	1.6	Slovakia
15	10:20:20.5	48.560N	20.746E	1.4	Komjáti
15	12:22:25.4	47.857N	16.061E	0.8	Austria
15	12:58:06.1	48.901N	20.739E	1.8	Slovakia
16	8:44:14.0	46.900N	17.360E	1.7	Lesenceistvánd
16	8:45:29.8	46.893N	17.336E	2.0	Lesenceistvánd
16	8:54:19.4	48.580N	20.686E	1.8	Slovakia
16	9:27:40.4	47.354N	18.416E	1.5	Gánt
16	9:39:26.2	48.288N	19.844E	1.8	Slovakia
16	10:24:07.4	47.559N	18.457E	1.2	Tatabánya
16	12:21:28.4	45.576N	17.317E	1.6	Croatia
17	9:30:07.0	48.520N	17.492E	2.0	Slovakia
17	9:47:29.8	48.240N	21.251E	2.0	Tályva
17	9:59:05.8	48.573N	20.736E	1.3	Komjáti
17	10:32:36.3	47.195N	18.264E	0.8	Csór
17	14:53:06.8	47.857N	16.040E	0.8	Austria
18	8:27:12.9	46.005N	22.812E	1.9	Romania
18	9:29:41.3	48.051N	20.705E	1.4	Miskolctapolca
18	10:03:11.4	46.806N	17.236E	1.9	Cserszegtomaj

Földrengés paraméterek

Hypocenter Parameters

18	11:06:40.4	47.222N	18.289E	1.1	Iszkaszentgyörgy
18	12:01:01.7	47.883N	16.063E	1.0	Austria
18	12:22:18.6	47.092N	18.022E	1.4	Litér
18	12:41:46.1	48.665N	20.232E	1.3	Slovakia
19	9:06:33.1	46.221N	18.264E	1.5	Kisbattyán
21	7:54:58.1	47.860N	19.124E	1.8	Szendeheley
21	8:43:47.7	45.580N	17.292E	1.9	Croatia
21	9:41:36.3	48.617N	20.761E	1.6	Slovakia
21	10:34:19.2	47.100N	19.387E	1.8	Tatárszentgyörgy
21	10:38:55.2	48.369N	19.849E	1.8	Slovakia
21	11:11:01.9	47.898N	20.139E	1.5	Tarnaszentmária
21	13:18:34.0	47.876N	16.068E	0.9	Austria
22	8:23:10.4	47.978N	16.614E	1.7	Austria
22	8:59:47.2	47.122N	17.853E	1.6	Márkó
22	9:31:01.4	48.437N	17.289E	1.7	Slovakia
22	10:03:32.2	48.878N	21.017E	1.4	Slovakia
22	10:14:08.7	45.629N	17.270E	2.2	Croatia
22	10:19:29.3	47.538N	18.660E	1.4	Mány
22	10:20:49.0	47.328N	18.430E	1.1	Zámoly
22	10:21:48.9	47.318N	18.466E	2.0	Pátka
22	10:29:37.4	48.521N	20.744E	1.7	Bódvaszilas
22	11:24:06.7	47.872N	20.147E	1.9	Tarnaszentmária
23	8:50:54.1	48.471N	17.392E	1.8	Slovakia
23	9:08:46.8	47.714N	18.532E	1.8	Bajót
23	9:19:14.5	46.123N	18.055E	1.6	Bükkösd
23	10:13:12.6	48.595N	20.703E	1.5	Slovakia
23	10:27:31.9	45.504N	18.052E	1.8	Croatia
23	11:01:10.2	47.311N	17.638E	1.6	Homokbődöge
23	11:27:46.9	48.911N	20.823E	1.6	Slovakia
24	8:01:59.1	48.438N	19.530E	1.7	Slovakia
24	9:21:26.3	48.513N	17.462E	1.7	Slovakia
24	9:27:01.0	48.572N	20.728E	1.8	Komjáti
24	10:00:02.8	48.409N	17.312E	1.8	Slovakia
24	10:02:15.4	48.338N	19.766E	1.6	Slovakia
24	10:33:29.7	47.198N	18.281E	1.0	Csór
25	8:08:54.0	47.954N	16.662E	1.3	Austria
25	9:36:50.4	48.221N	18.799E	1.8	Slovakia
25	10:35:47.7	47.216N	18.282E	0.8	Iszkaszentgyörgy
25	12:32:04.0	47.999N	20.128E	1.6	Kisfüzes
26	9:23:10.1	46.129N	17.984E	1.3	Dinnyeberki
26	9:55:49.1	46.204N	18.265E	1.3	Komló
26	10:17:45.2	48.236N	21.235E	2.3	Tállya
28	7:37:40.3	45.857N	18.401E	1.2	Nagyharsány
28	7:39:25.6	48.022N	20.719E	1.6	Kisgyőr
28	7:45:29.0	45.866N	18.393E	1.6	Kisharsány
28	7:53:21.6	48.319N	21.481E	1.6	Komlóska
28	8:41:39.0	47.079N	18.061E	1.1	Papkeszi
28	9:00:18.5	48.630N	20.777E	1.8	Slovakia
28	10:00:18.9	48.120N	16.941E	1.8	Austria
28	10:04:40.9	47.344N	18.459E	1.9	Lovasberény
28	10:58:07.8	48.490N	19.581E	1.6	Slovakia
28	13:51:54.1	47.867N	16.055E	0.9	Austria
28	13:58:41.6	47.844N	16.039E	0.8	Austria
29	8:07:38.8	48.922N	21.031E	1.5	Slovakia
29	8:46:53.2	47.828N	19.132E	1.5	Szendeheley
29	9:26:02.3	46.105N	21.840E	1.7	Romania
29	10:00:49.5	47.225N	18.276E	0.8	Iszkaszentgyörgy
29	11:36:49.8	47.840N	19.093E	1.7	Szendeheley
30	6:07:19.8	47.263N	18.316E	1.5	Sárkeresztes
30	8:02:48.7	47.352N	18.497E	1.4	Lovasberény

Hypocenter Parameters**Földrengés paraméterek**

30	8:52:33.5	45.640N	17.311E	1.7	Croatia
30	8:59:53.2	48.831N	16.143E	1.8	Czech Republic
30	9:56:43.4	47.930N	16.234E	1.3	Austria
30	10:45:35.5	46.788N	22.870E	1.7	Romania
30	11:54:51.0	47.550N	16.344E	1.2	Austria
31	9:23:44.8	48.387N	19.132E	1.9	Slovakia
31	9:45:49.5	48.241N	21.243E	2.1	Tállya
31	10:00:00.4	48.135N	16.889E	1.6	Austria
31	12:20:35.8	47.904N	16.435E	1.4	Austria

ÁPRILIS / APRIL, 2022

01	7:39:00.9	48.576N	20.704E	1.6	Slovakia
01	8:00:58.9	48.242N	18.784E	1.6	Slovakia
01	8:20:42.1	46.028N	22.844E	1.7	Romania
01	8:45:57.3	47.573N	18.707E	1.3	Tök
02	8:09:49.0	46.182N	18.270E	1.4	Mánfa
02	14:42:05.8	47.848N	18.758E	1.4	Slovakia
04	7:25:05.9	48.378N	17.322E	1.6	Slovakia
04	8:06:12.0	48.107N	21.338E	1.7	Tarcal
04	8:28:46.6	48.528N	17.409E	1.7	Slovakia
04	8:42:45.7	47.879N	16.082E	0.7	Austria
04	9:51:23.3	48.604N	20.727E	2.1	Slovakia
04	13:48:49.6	47.898N	16.073E	0.9	Austria
05	8:13:57.1	47.940N	20.398E	1.3	Felsőtárkány
05	9:21:42.0	48.716N	18.676E	2.1	Slovakia
05	10:17:31.2	47.237N	18.258E	0.7	Iszkaszentgyörgy
05	10:26:35.4	45.671N	17.259E	1.6	Croatia
05	10:35:37.1	48.725N	21.231E	1.5	Slovakia
05	11:16:51.0	47.299N	18.473E	1.8	Pátka
06	7:19:38.6	46.120N	18.069E	1.1	Abaliget
06	7:29:27.2	47.284N	18.356E	1.2	Magyaralmás
06	7:58:38.6	48.510N	17.496E	1.5	Slovakia
06	8:22:38.8	48.566N	20.725E	2.1	Komjáti
06	8:44:52.4	48.554N	19.315E	1.5	Slovakia
06	8:53:43.5	48.699N	19.971E	1.6	Slovakia
06	9:14:46.7	47.207N	18.305E	0.9	Székesfehérvár
06	10:26:56.1	46.026N	18.456E	1.2	Máriakéménd
06	11:00:03.0	48.151N	18.987E	1.7	Slovakia
06	11:30:25.3	48.096N	19.020E	1.5	Slovakia
07	7:13:25.8	48.080N	20.678E	1.4	Bükkszentlászló
07	8:17:35.1	47.203N	18.208E	0.6	Csór
07	8:18:29.4	48.423N	17.276E	1.9	Slovakia
07	8:34:06.8	48.960N	19.816E	1.7	Slovakia
07	9:18:27.1	48.572N	20.764E	1.5	Tornanádasaka
07	9:25:22.2	47.329N	18.447E	1.8	Zámoly
07	9:31:07.4	47.171N	18.301E	0.4	Sárkeszi
07	10:27:45.8	48.364N	19.824E	1.5	Slovakia
07	11:19:47.8	47.527N	18.376E	1.1	Vértesomló
07	11:31:16.5	47.585N	16.329E	1.7	Austria
08	8:25:45.7	47.213N	18.325E	0.9	Moha
08	9:12:21.5	47.866N	19.089E	1.8	Szendehely
08	9:41:29.1	48.253N	21.223E	2.1	Tállya
08	9:57:35.3	48.568N	19.370E	1.4	Slovakia
08	11:35:13.6	48.433N	17.216E	1.9	Slovakia
09	8:36:56.3	46.153N	18.310E	1.3	Vasas
11	6:37:59.7	47.035N	17.962E	1.5	Szentkirályszabadja
11	8:12:21.6	46.889N	22.689E	1.6	Romania
11	8:14:15.5	48.600N	20.782E	1.9	Slovakia
11	9:41:51.2	47.212N	18.245E	1.2	Csór
11	10:15:12.9	47.913N	20.157E	1.5	Recsk

Földrengés paraméterek

Hypocenter Parameters

11	10:40:56.6	48.350N	19.843E	1.3	Slovakia
11	13:29:55.8	47.083N	19.426E	1.8	Tatárszentgyörgy
11	13:45:39.4	47.072N	19.399E	1.7	Tatárszentgyörgy
11	14:00:31.9	47.108N	19.378E	1.9	Örkény
11	14:14:25.0	47.087N	19.397E	1.7	Tatárszentgyörgy
12	7:01:10.4	47.345N	18.420E	2.0	Zámoly
12	7:23:18.0	48.008N	16.664E	1.5	Austria
12	7:46:59.6	48.609N	20.782E	2.0	Slovakia
12	9:55:45.0	48.679N	19.628E	1.6	Slovakia
12	10:08:44.2	47.330N	18.355E	1.5	Zámoly
12	14:36:02.1	47.079N	19.379E	1.9	Tatárszentgyörgy
13	9:46:25.4	47.233N	18.256E	0.9	Iszkaszentgyörgy
13	10:47:36.9	47.525N	18.514E	1.3	Szárliget
13	11:07:18.2	47.862N	16.028E	1.2	Austria
13	14:38:46.9	47.103N	19.344E	1.6	Tatárszentgyörgy
14	7:15:31.3	47.833N	19.120E	1.4	Szendeheley
14	8:04:24.1	48.615N	20.760E	1.4	Slovakia
14	8:12:23.6	47.333N	18.440E	1.9	Zámoly
14	8:46:28.8	47.852N	19.102E	1.5	Szendeheley
14	8:54:57.1	48.597N	17.458E	1.7	Slovakia
14	8:57:15.8	48.216N	21.267E	2.0	Mád
14	10:09:03.2	48.968N	21.336E	1.5	Slovakia
14	10:23:24.9	48.799N	18.257E	1.8	Slovakia
14	11:16:56.3	47.879N	16.069E	1.1	Austria
14	12:47:30.7	45.630N	17.260E	1.5	Croatia
14	13:59:30.7	47.090N	19.392E	1.7	Tatárszentgyörgy
15	8:09:35.5	47.979N	16.603E	1.4	Austria
15	10:16:11.2	46.042N	22.921E	1.7	Romania
19	7:40:59.7	47.303N	18.501E	1.6	Pátka
19	8:28:19.8	48.897N	21.052E	1.4	Slovakia
19	8:40:34.0	48.602N	20.749E	1.9	Slovakia
19	9:12:07.6	46.983N	22.729E	1.6	Romania
19	9:52:24.0	47.858N	16.051E	1.1	Austria
19	10:24:32.7	47.904N	20.070E	2.1	Parád
19	11:19:42.5	46.023N	21.864E	1.3	Romania
19	13:25:52.4	48.542N	22.821E	2.1	Ukraine
20	6:56:54.4	48.064N	21.375E	1.0	Tiszaladány
20	7:07:58.3	46.059N	22.855E	1.3	Romania
20	7:44:59.9	48.034N	20.750E	0.9	Miskolctapolca
20	7:53:58.7	46.872N	17.369E	1.9	Lesencetomaj
20	8:02:21.1	48.438N	21.428E	1.0	Kishuta
20	9:01:20.7	47.213N	18.297E	0.9	Moha
20	11:44:52.5	46.035N	18.463E	0.9	Máriakémend
21	9:22:26.4	48.581N	20.768E	1.6	Tornanádaska
21	9:56:09.5	46.102N	21.670E	2.0	Romania
21	11:26:57.7	47.858N	16.052E	1.1	Austria
21	11:49:33.1	48.432N	17.223E	1.9	Slovakia
22	7:10:41.5	47.558N	18.683E	0.9	Zsámbék
22	7:29:47.5	47.337N	17.673E	1.8	Bakonyyszűcs
22	7:44:49.1	47.343N	18.427E	1.8	Zámoly
22	12:27:06.1	47.344N	17.627E	1.9	Csót
23	7:37:56.8	46.175N	18.274E	1.4	Mánfa
25	7:39:00.2	47.104N	17.955E	0.8	Kádárta
25	8:13:00.3	48.348N	19.826E	2.0	Slovakia
26	7:04:08.1	47.948N	16.685E	1.3	Austria
26	8:41:46.3	47.919N	19.328E	2.0	Szécsénke
26	10:31:11.9	47.238N	18.247E	0.6	Iszkaszentgyörgy
26	10:37:57.4	46.103N	18.116E	1.2	Kővágótóttós
26	11:20:35.9	47.572N	18.414E	1.4	Tatabánya
26	11:51:33.9	47.862N	16.045E	0.8	Austria

Hypocenter Parameters**Földrengés paraméterek**

27	7:11:28.0	47.684N	18.555E	1.6	Nagysáp
27	8:50:31.0	48.571N	20.796E	1.7	Tornanádaska
27	9:35:27.4	47.228N	18.268E	1.0	Iszkaszentgyörgy
27	10:07:22.6	48.821N	21.611E	1.9	Slovakia
28	6:49:46.9	48.436N	17.233E	1.7	Slovakia
28	7:03:10.4	47.791N	19.038E	1.5	Dunabogdány
28	7:29:44.0	48.516N	19.159E	2.0	Slovakia
28	7:59:17.7	47.845N	19.094E	1.6	Szendehely
28	8:28:22.6	48.519N	17.463E	1.6	Slovakia
28	8:52:45.6	46.163N	18.295E	1.3	Zobákpuszta
28	9:02:27.7	47.337N	18.427E	1.8	Zámoly
28	9:21:45.2	48.618N	20.906E	1.7	Slovakia
28	9:40:09.4	47.201N	18.302E	0.9	Székesfehérvár
28	9:43:00.1	48.544N	20.781E	1.6	Bódvalenke
28	10:14:07.0	48.226N	21.267E	1.9	Tállya
28	10:47:55.7	46.050N	22.071E	1.3	Romania
28	10:58:11.9	47.885N	16.074E	1.0	Austria
28	11:08:43.2	48.683N	21.480E	1.8	Slovakia
29	7:23:03.0	46.144N	18.047E	1.4	Hetvehely
29	7:24:30.6	47.066N	18.023E	1.3	Balatonfűzfő
29	8:03:08.8	47.878N	19.424E	1.5	Bercel
29	8:40:49.0	48.849N	21.834E	1.8	Slovakia
29	10:06:02.3	47.718N	16.590E	1.6	Sopron
30	8:19:21.0	46.204N	18.289E	1.0	Kisbattyán
30	11:27:23.5	48.638N	20.142E	1.7	Slovakia

MÁJUS / MAY, 2022

01	15:41:54.2	48.628N	20.233E	2.0	Slovakia
02	8:13:06.9	48.889N	21.021E	1.5	Slovakia
02	12:18:49.0	46.774N	22.850E	1.6	Romania
03	6:49:24.3	48.273N	19.810E	1.8	Slovakia
03	7:34:43.5	48.084N	20.685E	1.2	Bükkszentlászló
03	7:47:02.5	48.327N	19.044E	1.8	Slovakia
03	9:04:47.2	48.598N	20.737E	1.6	Slovakia
03	10:23:23.0	47.249N	18.250E	0.6	Iszkaszentgyörgy
03	10:58:42.6	47.876N	16.066E	1.3	Austria
03	11:11:08.2	47.252N	18.270E	0.6	Iszkaszentgyörgy
03	13:44:23.2	47.294N	16.276E	1.8	Austria
04	8:10:40.9	48.511N	17.400E	1.6	Slovakia
04	8:24:07.1	46.036N	22.735E	1.5	Romania
04	8:30:55.5	48.533N	17.459E	1.7	Slovakia
04	8:44:46.3	48.620N	20.759E	1.5	Slovakia
04	8:47:26.1	47.977N	16.088E	0.9	Austria
04	9:11:06.4	48.552N	19.337E	1.4	Slovakia
04	9:11:45.6	47.847N	19.153E	1.5	Ősagárd
04	9:30:03.1	48.432N	17.215E	1.8	Slovakia
04	9:30:31.4	47.196N	18.306E	1.0	Székesfehérvár
04	10:12:28.3	46.840N	17.270E	1.8	Vállus
04	10:46:07.1	46.027N	18.464E	1.3	Máriakéménd
05	5:56:25.6	47.293N	18.359E	1.5	Magyaralmás
05	7:20:44.7	48.483N	17.369E	1.3	Slovakia
05	7:44:06.7	46.133N	18.069E	1.4	Abaliget
05	8:33:42.1	48.605N	21.415E	1.9	Slovakia
05	8:41:56.8	48.218N	21.313E	1.9	Mád
05	9:17:00.7	47.971N	16.101E	1.1	Austria
05	9:33:19.4	48.585N	20.722E	1.9	Slovakia
05	9:58:04.8	47.244N	18.262E	0.7	Iszkaszentgyörgy
05	10:56:32.1	47.347N	18.451E	1.4	Gánt
05	11:02:08.4	47.825N	16.014E	1.2	Austria
05	11:35:25.7	47.354N	18.455E	2.0	Csákvár

Földrengés paraméterek

Hypocenter Parameters

06	6:41:35.7	48.441N	19.561E	1.4	Slovakia
06	7:56:38.7	48.216N	18.798E	1.9	Slovakia
06	8:27:22.8	47.748N	19.032E	1.6	Dunabogdány
06	9:46:47.3	47.572N	18.435E	1.1	Tatabánya
06	10:00:56.7	48.777N	21.081E	2.0	Slovakia
09	7:49:35.5	47.175N	18.199E	1.0	Ősi
09	8:32:12.9	46.187N	18.261E	1.4	Komló
09	8:55:25.0	47.119N	18.020E	1.5	Sóly
09	9:49:50.2	48.346N	19.850E	1.8	Slovakia
09	10:23:11.1	48.812N	21.317E	1.9	Slovakia
09	11:57:25.9	47.092N	18.053E	1.2	Vilonya
10	7:01:48.7	47.889N	19.413E	1.7	Bercel
10	7:21:37.4	47.319N	18.452E	1.5	Pátka
10	8:55:23.1	48.454N	21.769E	1.8	Slovakia
10	9:22:00.3	47.862N	16.036E	1.4	Austria
10	9:34:03.1	48.632N	20.761E	1.9	Slovakia
10	10:13:15.8	47.584N	18.450E	1.1	Tatabánya
10	10:39:01.8	47.595N	16.284E	1.9	Austria
11	6:22:25.4	45.992N	22.823E	1.6	Romania
11	7:38:29.7	47.929N	16.678E	1.1	Austria
11	7:50:36.0	47.895N	19.434E	1.7	Bercel
11	8:27:27.8	48.613N	20.733E	1.3	Slovakia
11	8:47:58.8	45.869N	18.414E	1.4	Villány
11	9:10:47.5	48.750N	18.729E	1.9	Slovakia
11	10:29:59.8	47.244N	18.264E	0.7	Iszkaszentgyörgy
11	11:10:36.3	48.138N	18.965E	1.8	Slovakia
11	11:49:19.6	48.142N	18.983E	1.6	Slovakia
12	6:05:46.8	47.334N	18.460E	1.7	Lovasberény
12	8:19:16.8	47.332N	18.457E	1.7	Lovasberény
12	8:37:46.4	48.252N	21.247E	2.0	Tállya
12	8:58:50.1	48.951N	21.196E	1.9	Slovakia
12	9:31:15.5	48.478N	17.387E	1.7	Slovakia
12	10:12:24.4	47.431N	18.788E	1.2	Etyek
12	10:21:25.0	47.230N	18.263E	0.9	Iszkaszentgyörgy
13	6:26:05.3	47.974N	20.411E	1.3	Felsőtárkány
13	7:04:01.2	47.697N	18.510E	1.8	Héreg
13	8:01:04.2	48.393N	19.073E	1.7	Slovakia
13	8:13:48.5	48.451N	21.501E	1.4	Kishuta
16	7:43:03.5	47.909N	16.436E	1.3	Austria
16	9:01:51.6	47.101N	17.994E	1.2	Litér
16	9:48:20.4	47.300N	17.688E	1.5	Bakonykoppány
17	6:02:04.7	47.972N	16.083E	1.0	Austria
17	6:47:04.8	47.886N	19.888E	1.7	Mátraszentimre
17	8:11:40.7	48.628N	20.749E	1.5	Slovakia
17	10:13:30.3	47.541N	18.590E	1.0	Nagyegyháza
17	11:19:31.5	47.927N	16.115E	1.0	Austria
18	7:10:33.9	47.992N	16.560E	1.3	Austria
18	8:08:19.8	48.582N	20.768E	1.3	Slovakia
18	8:25:23.4	48.884N	20.494E	1.9	Slovakia
18	8:41:20.4	48.859N	18.122E	1.6	Slovakia
18	8:58:39.4	47.650N	18.785E	1.0	Úny
18	10:09:45.7	45.978N	18.516E	1.4	Szajk
18	10:58:01.5	48.912N	20.709E	1.7	Slovakia
18	11:00:04.0	48.423N	17.216E	1.8	Slovakia
18	11:34:28.2	48.389N	17.327E	1.9	Slovakia
19	8:14:34.6	47.187N	18.208E	1.1	Csór
19	8:17:47.3	47.809N	19.174E	1.2	Kosd
19	8:33:38.5	48.549N	20.755E	1.6	Komjáti
19	9:05:13.1	48.204N	21.216E	1.9	Rátka
19	9:16:29.7	47.317N	18.469E	1.6	Pátka

Hypocenter Parameters**Földrengés paraméterek**

19	9:57:54.2	47.854N	19.242E	1.1	Keszeg
19	12:16:35.3	48.868N	21.345E	1.4	Slovakia
20	6:45:37.3	48.818N	18.937E	1.7	Slovakia
20	7:34:53.8	48.076N	20.703E	1.2	Miskolctapolca
20	8:41:03.3	48.984N	19.376E	1.5	Slovakia
20	9:13:58.0	48.472N	18.676E	1.8	Slovakia
20	9:25:59.9	48.271N	21.272E	1.9	Sima
23	6:13:36.2	47.703N	18.589E	1.5	Mogyorósbánya
23	7:59:24.4	47.027N	18.008E	1.1	Balatonalmádi
23	8:34:01.1	48.517N	17.396E	1.6	Slovakia
23	8:36:43.3	47.224N	18.272E	1.0	Iszkaszentgyörgy
23	10:08:03.9	47.574N	16.307E	1.5	Austria
23	11:30:39.7	46.779N	22.839E	1.5	Romania
23	12:28:34.1	47.614N	16.328E	1.2	Austria
24	7:31:16.7	47.332N	18.433E	1.5	Zámoly
24	8:18:35.3	48.522N	17.479E	2.1	Slovakia
24	8:45:28.8	48.617N	20.735E	1.5	Slovakia
24	9:35:23.1	47.463N	18.725E	1.4	Etyek
24	12:17:36.2	47.101N	18.003E	1.1	Litér
25	7:52:11.8	48.496N	17.499E	1.5	Slovakia
25	8:09:17.7	45.896N	18.416E	1.2	Villánykövesd
25	8:22:09.8	47.933N	20.090E	1.5	Mátraderecske
25	8:52:06.2	48.027N	20.098E	1.7	Erdőkövesd
25	8:53:33.6	47.191N	18.299E	0.7	Székesfehérvár
25	8:55:08.0	48.283N	18.610E	1.9	Slovakia
25	10:12:14.5	45.522N	18.000E	1.4	Croatia
25	10:12:20.0	48.780N	21.185E	1.4	Slovakia
25	12:40:28.9	46.951N	22.665E	1.5	Romania
26	8:40:43.4	48.557N	20.704E	1.3	Bódvaszilas
26	8:45:46.5	48.988N	18.321E	1.5	Slovakia
26	8:58:22.3	48.216N	21.225E	1.9	Rátka
27	7:21:24.7	46.127N	18.026E	1.5	Hetvehely
27	7:54:19.5	46.891N	17.285E	1.7	Várvölgy
27	8:22:36.5	46.179N	18.297E	1.2	Zobákpuszta
27	9:33:18.3	48.789N	20.749E	1.5	Slovakia
27	10:44:10.8	47.423N	18.812E	1.5	Sóskút
27	12:22:40.4	47.056N	18.068E	1.2	Papkeszi
28	7:32:20.0	46.160N	18.288E	1.4	Zobákpuszta
30	7:40:11.9	48.441N	19.530E	1.2	Slovakia
30	7:57:01.1	48.999N	19.396E	2.0	Slovakia
30	8:15:00.2	47.083N	18.059E	1.5	Papkeszi
30	9:07:02.5	48.730N	20.742E	1.5	Slovakia
30	9:58:03.9	47.844N	18.835E	1.1	Ipolydamásd
30	11:34:50.5	47.855N	16.029E	1.3	Austria
30	13:44:03.0	46.063N	18.438E	0.3	Kátoly
31	8:31:29.8	48.842N	16.045E	1.7	Czechia
31	8:34:55.1	48.773N	18.740E	2.0	Slovakia
31	8:37:24.0	47.327N	18.451E	1.6	Zámoly
31	10:36:55.8	47.536N	18.557E	1.1	Nagyegyháza
31	11:29:32.5	47.846N	16.031E	1.1	Austria

JÚNIUS / JUNE, 2022

01	6:33:15.0	47.278N	18.368E	1.1	Magyaralmás
01	7:33:40.1	47.998N	16.619E	1.2	Austria
01	8:01:35.0	48.600N	20.756E	1.7	Slovakia
01	8:04:26.7	46.886N	17.328E	2.1	Várvölgy
01	9:31:11.8	48.951N	21.218E	1.8	Slovakia
01	9:53:47.1	48.913N	21.047E	1.6	Slovakia
01	10:12:05.7	48.855N	21.640E	1.6	Slovakia
01	10:33:09.9	46.155N	17.961E	1.6	Ibafa

Földrengés paraméterek

Hypocenter Parameters

02	6:50:06.1	47.313N	18.462E	1.6	Pátka
02	7:26:14.8	47.867N	19.191E	1.2	Ősagárd
02	8:40:08.1	48.242N	21.272E	1.9	Tállya
02	8:49:51.8	47.327N	18.430E	1.6	Zámoly
02	9:22:00.9	47.237N	18.247E	0.9	Iszkaszentgyörgy
02	9:53:14.4	47.834N	19.114E	1.1	Szendehegy
02	11:25:47.9	48.369N	19.876E	1.9	Slovakia
02	11:27:09.3	48.362N	19.874E	1.5	Slovakia
02	14:29:40.4	47.091N	19.399E	1.7	Tatárszentgyörgy
03	8:30:38.2	48.226N	18.793E	2.0	Slovakia
03	8:38:51.4	46.032N	22.826E	1.5	Romania
03	13:55:33.9	47.114N	19.374E	1.7	Örkény
06	8:15:25.8	48.803N	16.151E	1.7	Czechia
06	8:28:10.8	48.530N	19.347E	1.5	Slovakia
06	9:15:48.9	48.589N	20.773E	1.6	Slovakia
06	10:12:04.4	48.798N	19.752E	1.8	Slovakia
06	14:38:35.6	48.568N	20.786E	1.2	Tornanádaska
07	8:07:12.3	48.539N	20.765E	1.4	Komjáti
07	9:06:14.1	48.729N	19.939E	1.5	Slovakia
07	9:48:33.4	47.858N	16.041E	1.1	Austria
07	10:12:37.3	48.350N	19.834E	1.6	Slovakia
07	11:35:41.3	46.122N	21.796E	1.1	Romania
08	7:41:04.6	46.121N	18.070E	1.3	Abaliget
08	8:13:34.1	46.917N	17.372E	1.5	Lesenceistvánd
08	8:31:12.0	48.021N	20.695E	1.4	Kisgyőr
08	8:36:50.5	48.552N	20.770E	1.3	Komjáti
08	9:15:30.3	48.304N	18.998E	1.9	Slovakia
08	9:24:30.9	47.180N	18.269E	0.7	Sárkeszi
08	9:34:09.9	48.821N	20.119E	1.5	Slovakia
08	11:25:56.8	47.909N	20.121E	1.6	Recsk
09	7:16:11.8	48.260N	21.265E	1.9	Tállya
09	7:48:12.4	48.496N	21.434E	1.5	Nyíri
09	8:24:58.5	46.084N	18.147E	1.4	Cserkút
09	8:53:30.6	47.396N	18.469E	1.5	Csákvár
09	9:33:10.4	46.970N	22.731E	1.5	Romania
10	6:49:32.4	45.871N	18.400E	1.0	Kisharsány
10	8:01:41.9	48.597N	20.744E	1.4	Slovakia
10	9:14:58.1	48.388N	17.347E	1.6	Slovakia
10	9:55:45.3	47.905N	16.104E	1.3	Austria
10	11:04:44.7	45.914N	22.677E	1.9	Romania
10	11:24:08.7	48.720N	19.283E	1.4	Slovakia
10	12:55:22.6	48.553N	16.353E	1.8	Austria
10	14:53:57.7	47.122N	17.985E	1.3	Kádárta
11	8:32:26.7	46.191N	18.289E	1.0	Zobákpuszta
13	7:01:29.5	48.407N	18.681E	1.6	Slovakia
13	8:12:35.8	48.544N	20.773E	1.3	Komjáti
13	9:01:51.1	47.222N	18.241E	0.9	Iszkaszentgyörgy
13	10:02:59.1	48.433N	19.557E	1.4	Slovakia
13	10:21:23.7	48.663N	21.440E	1.5	Slovakia
14	8:07:30.7	48.601N	20.757E	1.5	Slovakia
14	8:59:06.1	47.296N	18.479E	1.8	Pátka
14	9:42:02.0	47.211N	18.262E	0.8	Iszkaszentgyörgy
15	7:35:23.4	48.225N	21.249E	1.9	Tállya
15	8:16:59.9	48.559N	20.767E	1.3	Tornanádaska
15	8:23:30.5	46.942N	17.316E	1.8	Sümegprága
15	9:05:34.7	48.509N	17.444E	1.5	Slovakia
15	9:20:29.5	47.184N	18.288E	0.7	Sárkeszi
15	10:03:42.4	48.712N	19.951E	1.2	Slovakia
15	12:14:35.2	48.421N	17.274E	2.1	Slovakia
16	8:00:17.2	47.144N	17.844E	1.3	Márkó

Hypocenter Parameters**Földrengés paraméterek**

16	8:34:07.1	48.425N	17.291E	1.5	Slovakia
16	8:36:23.0	48.231N	21.243E	1.8	Tállya
16	12:03:48.8	46.881N	22.785E	1.3	Romania
17	6:17:27.8	48.288N	21.504E	1.6	Bodrogolaszi
17	6:23:36.4	47.415N	18.639E	1.2	Tabajd
17	6:48:32.9	48.474N	17.375E	1.8	Slovakia
17	8:05:47.7	48.480N	17.363E	1.8	Slovakia
17	10:00:13.4	47.732N	18.683E	1.4	Tokod
17	11:01:08.1	48.541N	19.364E	1.7	Slovakia
17	16:13:56.6	48.778N	22.168E	1.3	Slovakia
20	6:54:07.6	46.047N	22.850E	1.4	Romania
20	8:11:35.0	48.900N	21.039E	1.2	Slovakia
20	8:16:42.9	48.870N	21.021E	1.4	Slovakia
20	8:39:49.4	48.934N	19.768E	1.6	Slovakia
20	9:43:28.6	48.566N	20.730E	1.2	Komjáti
20	9:45:43.6	48.625N	17.530E	1.7	Slovakia
21	6:59:58.6	47.021N	17.955E	1.6	Felsőörs
21	7:50:40.7	47.325N	18.500E	1.4	Lovasberény
21	8:48:38.0	47.885N	16.055E	1.4	Austria
21	10:44:17.1	48.333N	18.972E	1.9	Slovakia
21	12:45:08.2	47.093N	19.417E	2.0	Tatárszentgyörgy
21	13:10:28.9	47.578N	18.428E	1.4	Tatabánya
22	6:56:47.0	46.049N	18.108E	1.3	Zók
22	8:12:25.6	48.752N	18.719E	1.9	Slovakia
22	8:32:38.1	45.946N	22.624E	1.8	Romania
22	9:04:24.3	47.218N	18.272E	0.8	Iszkaszentgyörgy
22	12:44:20.9	47.069N	19.476E	1.7	Felsőlajos
23	6:24:24.8	46.021N	22.781E	1.7	Romania
23	7:12:07.8	47.057N	18.027E	1.3	Balatonfűzfő
23	7:18:42.3	48.813N	18.983E	1.9	Slovakia
23	7:29:36.7	46.055N	22.859E	1.6	Romania
23	7:38:17.2	48.251N	21.199E	2.0	Abaújszántó
23	8:16:59.3	48.584N	20.784E	1.6	Slovakia
23	8:27:39.2	47.961N	16.060E	1.3	Austria
23	10:07:13.6	47.916N	20.153E	1.5	Recsk
23	10:42:52.6	48.379N	19.810E	1.8	Slovakia
23	12:44:05.8	47.060N	19.421E	1.9	Tatárszentgyörgy
24	7:32:35.5	47.844N	19.870E	1.5	Gyöngyösoroszi
24	7:35:23.5	47.694N	18.548E	1.9	Bajót
24	8:17:16.0	47.834N	16.107E	1.4	Austria
24	8:32:45.5	48.111N	21.351E	1.7	Tarcal
24	8:58:47.8	48.436N	21.797E	1.6	Slovakia
24	10:00:47.2	48.158N	16.896E	1.6	Austria
27	6:06:10.7	48.289N	21.504E	1.5	Bodrogolaszi
27	7:55:06.5	47.864N	19.129E	1.6	Szendehely
27	8:11:59.0	48.579N	20.705E	1.1	Slovakia
27	8:18:52.1	47.129N	18.343E	1.0	Úrhida
27	16:28:11.9	48.908N	22.130E	1.6	Slovakia
28	5:42:32.3	47.337N	17.627E	1.3	Bék
28	6:36:29.4	47.324N	18.491E	1.4	Lovasberény
28	6:46:54.6	47.350N	17.636E	1.4	Csót
28	7:29:48.4	47.104N	17.997E	1.4	Litér
28	8:32:44.0	48.812N	20.331E	0.9	Slovakia
28	8:40:24.7	48.782N	19.412E	1.7	Slovakia
28	8:42:16.4	48.503N	20.793E	1.3	Tornaszentandrás
28	9:23:05.1	48.471N	17.424E	1.5	Slovakia
28	9:37:16.3	47.189N	18.295E	0.8	Sárkeszi
28	9:42:38.8	48.405N	19.123E	1.5	Slovakia
28	11:05:57.7	47.107N	19.344E	1.9	Tatárszentgyörgy
28	11:25:44.3	47.078N	19.375E	1.6	Tatárszentgyörgy

Földrengés paraméterek**Hypocenter Parameters**

29	6:16:37.8	46.021N	22.825E	1.7	Romania
29	7:30:58.2	46.165N	18.009E	0.9	Hetvehely
29	7:58:06.6	46.871N	17.370E	1.8	Lesencetomaj
29	8:17:34.8	48.009N	20.352E	1.1	Szarvaskő
29	8:22:17.5	48.632N	20.760E	1.3	Slovakia
29	9:01:10.2	47.207N	18.282E	0.9	Iszkaszentgyörgy
29	11:05:22.0	47.103N	19.334E	1.9	Tatárszentgyörgy
30	3:51:14.2	46.927N	22.680E	1.4	Romania
30	7:22:53.6	47.344N	18.513E	1.7	Lovasberény
30	8:28:50.2	48.532N	17.458E	1.5	Slovakia
30	9:11:33.8	48.957N	21.322E	1.8	Slovakia
30	9:24:51.2	48.696N	18.688E	1.6	Slovakia
30	9:32:50.8	47.203N	18.293E	0.8	Székesfehérvár
30	10:00:51.2	47.131N	19.271E	1.9	Kunpeszér
30	11:59:23.8	47.868N	16.065E	0.6	Austria

JÚLIUS / JULY, 2022

01	6:48:54.0	48.440N	18.503E	1.3	Slovakia
01	7:04:23.0	48.048N	20.727E	1.2	Miskolctapolca
01	8:36:53.4	48.201N	18.789E	1.6	Slovakia
01	9:35:09.9	48.846N	20.786E	1.5	Slovakia
01	11:29:04.9	46.885N	22.324E	1.5	Romania
04	5:12:28.4	46.848N	22.919E	1.7	Romania
04	7:04:37.9	46.126N	18.084E	1.4	Abaliget
04	7:22:59.4	47.943N	20.075E	1.9	Mátraderecske
04	7:24:08.8	47.936N	20.044E	1.5	Bodony
04	7:54:59.0	47.693N	18.521E	1.8	Héreg
04	8:32:55.9	48.876N	20.487E	1.8	Slovakia
04	9:24:35.6	47.932N	16.109E	0.9	Austria
04	9:45:40.6	47.171N	18.299E	0.8	Sárkeszi
04	9:52:48.9	45.979N	22.781E	1.5	Romania
04	12:38:43.7	47.577N	18.248E	0.9	Kocs
05	7:37:58.7	47.329N	18.411E	1.7	Zámoly
05	7:58:45.0	46.169N	18.309E	1.1	Zobákpuszta
06	6:04:02.7	46.828N	22.851E	1.4	Romania
06	6:36:03.8	46.008N	22.863E	1.4	Romania
06	7:07:06.8	47.987N	16.652E	1.3	Austria
06	7:37:33.0	48.315N	19.794E	1.4	Slovakia
06	7:42:24.6	48.583N	18.830E	1.5	Slovakia
06	8:08:05.3	47.557N	18.697E	1.2	Zsámbék
06	8:24:58.3	46.047N	22.753E	1.6	Romania
06	9:14:31.1	48.571N	20.791E	1.5	Tornanádaska
06	12:00:40.2	46.103N	21.689E	1.3	Romania
06	15:17:43.5	46.110N	21.715E	1.1	Romania
07	6:34:06.1	47.344N	18.440E	1.5	Zámoly
07	7:18:33.0	46.146N	17.946E	1.3	Ibafa
07	8:09:59.3	48.355N	18.475E	1.6	Slovakia
07	8:27:45.5	48.500N	17.477E	1.6	Slovakia
07	8:49:19.3	48.225N	21.236E	2.0	Tállya
07	9:48:47.6	47.217N	18.257E	1.0	Iszkaszentgyörgy
07	10:00:33.9	48.123N	16.917E	1.6	Austria
07	10:49:48.6	47.867N	16.046E	1.3	Austria
08	5:16:15.1	47.269N	18.362E	1.2	Sárkeresztes
08	5:44:23.8	46.902N	22.815E	1.6	Romania
08	6:59:59.6	45.822N	18.417E	1.3	Kistapolca
08	7:10:30.3	47.313N	16.340E	1.7	Austria
08	7:27:42.8	48.543N	17.438E	1.5	Slovakia
08	9:00:41.1	46.075N	22.090E	1.3	Romania
08	9:11:51.2	48.575N	20.743E	1.7	Tornanádaska
08	9:27:25.8	47.861N	19.064E	1.5	Berkenye

Hypocenter Parameters**Földrengés paraméterek**

08	10:02:37.8	48.005N	19.599E	1.4	Hollókő
08	11:29:16.5	47.320N	17.605E	1.6	Ugod
09	8:47:54.2	46.175N	18.291E	1.2	Zobákpuszta
11	7:48:01.7	48.067N	20.669E	1.2	Bükkszentlászló
11	10:58:41.2	47.110N	19.338E	2.0	Tatárszentgyörgy
12	7:45:31.6	46.884N	22.860E	1.5	Romania
12	8:12:23.3	48.486N	18.732E	1.7	Slovakia
12	8:33:12.6	45.868N	18.409E	1.0	Villány
12	8:34:43.6	45.861N	18.418E	1.1	Villány
12	8:38:02.5	48.733N	17.778E	1.5	Slovakia
12	9:17:30.2	48.243N	21.238E	2.1	Tállya
12	9:44:55.9	47.137N	19.351E	1.8	Örkény
12	10:00:19.4	48.141N	16.912E	1.3	Austria
12	10:00:46.1	47.187N	18.272E	0.7	Sárkeszi
12	10:59:33.9	48.892N	20.908E	1.9	Slovakia
12	12:45:21.3	45.892N	16.013E	1.7	Croatia
13	6:28:22.4	47.885N	19.413E	1.5	Bercel
13	7:20:07.8	47.949N	20.103E	1.6	Mátraderecske
13	8:15:11.5	46.061N	22.819E	1.7	Romania
13	9:52:43.4	47.114N	17.963E	1.8	Kádárta
13	11:05:41.7	47.137N	19.310E	1.9	Örkény
13	14:53:21.9	45.986N	18.511E	1.2	Szajk
14	5:40:41.0	46.766N	22.860E	1.5	Romania
14	6:04:58.8	47.266N	18.380E	1.4	Sárkeresztes
14	7:31:09.4	47.319N	18.408E	1.4	Zámoly
14	7:35:55.0	48.572N	19.381E	1.8	Slovakia
14	7:40:30.1	47.375N	18.358E	1.3	Gánt
14	8:18:44.8	47.877N	19.173E	1.6	Nótincs
14	8:58:59.1	48.431N	17.222E	1.7	Slovakia
14	9:14:38.1	48.758N	20.784E	1.6	Slovakia
14	9:36:30.7	47.323N	18.446E	1.5	Zámoly
14	9:39:43.9	47.870N	19.118E	1.5	Szendehely
14	9:47:48.9	47.963N	16.072E	0.6	Austria
14	10:31:25.9	48.992N	19.514E	1.6	Slovakia
14	10:36:41.7	47.057N	19.500E	2.0	Felsőlajos
14	11:47:00.9	47.854N	16.027E	1.1	Austria
15	7:10:30.2	48.416N	17.277E	1.7	Slovakia
15	8:39:02.1	48.608N	20.770E	1.3	Slovakia
15	10:00:29.6	48.146N	16.868E	1.5	Austria
15	10:30:54.0	48.890N	20.904E	2.0	Slovakia
15	11:44:45.8	48.913N	20.637E	1.4	Slovakia
15	12:36:27.9	47.590N	18.520E	1.2	Tarján
16	8:06:34.0	46.184N	18.275E	1.1	Komló
16	10:21:03.7	46.814N	22.633E	1.5	Romania
18	6:53:30.5	45.846N	18.424E	1.1	Nagyharsány
18	7:01:12.0	48.081N	20.715E	1.1	Miskolctapolca
18	10:54:07.7	47.103N	19.339E	1.8	Tatárszentgyörgy
18	13:18:42.1	46.320N	22.998E	1.6	Romania
19	7:06:33.7	48.554N	19.300E	1.2	Slovakia
19	7:28:13.5	47.192N	18.298E	1.0	Székesfehérvár
19	7:39:11.1	47.338N	18.463E	1.7	Lovasberény
19	8:03:14.0	48.550N	20.792E	1.3	Bódvalenke
19	9:31:14.7	48.364N	19.846E	1.7	Slovakia
19	11:05:08.9	47.104N	19.325E	2.0	Tatárszentgyörgy
20	7:10:10.2	48.045N	20.650E	1.4	Kisgyőr
20	7:57:03.3	48.435N	18.732E	1.4	Slovakia
20	7:58:07.8	48.426N	19.068E	1.8	Slovakia
20	8:01:01.9	47.186N	18.301E	0.8	Székesfehérvár
20	9:03:11.4	48.018N	20.346E	1.2	Mónosbél
20	9:20:33.6	48.590N	20.767E	1.4	Slovakia

Földrengés paraméterek

Hypocenter Parameters

20	11:27:25.9	48.685N	18.641E	1.4	Slovakia
20	11:40:14.9	46.307N	21.673E	1.7	Romania
20	11:41:07.6	47.104N	19.348E	1.9	Tatárszentgyörgy
20	11:43:15.5	48.726N	18.606E	1.6	Slovakia
21	7:34:56.7	46.041N	22.816E	1.6	Romania
21	7:50:44.8	48.231N	21.252E	2.0	Tállya
21	7:58:11.6	47.308N	18.413E	1.9	Zámoly
21	8:02:44.6	48.564N	20.784E	1.4	Tornanádaska
21	8:52:04.2	47.190N	18.244E	0.9	Csór
21	10:30:08.9	47.119N	19.308E	1.9	Örkény
21	10:40:49.6	48.358N	19.819E	1.4	Slovakia
21	11:15:14.0	47.863N	16.061E	0.9	Austria
22	6:04:05.3	47.335N	18.321E	1.7	Csákberény
22	6:29:22.4	48.431N	19.514E	1.2	Slovakia
22	7:02:23.0	47.857N	19.355E	1.5	Nógrádkövesd
22	7:31:16.9	47.478N	18.675E	1.1	Bicske
22	9:04:54.1	48.833N	21.597E	2.0	Slovakia
22	9:38:24.0	48.818N	20.073E	1.0	Slovakia
22	9:47:22.8	48.823N	20.139E	1.5	Slovakia
25	7:21:18.3	47.922N	20.129E	1.7	Recsk
25	7:21:55.5	48.016N	20.076E	1.7	Ivád
25	7:43:20.5	48.538N	19.338E	1.6	Slovakia
25	8:50:05.6	47.901N	16.446E	1.3	Austria
25	8:55:49.0	47.187N	18.218E	0.9	Csór
25	8:59:27.5	47.196N	18.139E	0.9	Pétfürdő
25	10:00:19.8	48.111N	16.951E	1.4	Austria
25	11:10:23.8	47.921N	16.121E	1.0	Austria
26	5:58:38.6	48.361N	21.569E	1.6	Károlyfalva
26	8:00:05.2	47.822N	19.038E	1.5	Verőce
26	9:22:31.8	48.470N	19.545E	1.3	Slovakia
26	10:41:03.4	47.867N	19.081E	1.6	Berkenye
27	5:48:25.4	46.021N	22.799E	1.3	Romania
27	6:59:27.5	48.444N	17.263E	1.9	Slovakia
27	7:49:52.5	48.531N	20.765E	1.6	Tornaszentandrás
27	8:05:08.4	46.822N	17.291E	1.9	Vállus
27	9:13:51.8	47.189N	18.293E	0.6	Sárkeszi
27	10:15:16.4	46.120N	18.339E	0.4	Hird
27	10:35:10.7	46.027N	18.482E	0.4	Máriakéménd
28	6:33:15.5	47.914N	19.406E	1.7	Becske
28	8:07:03.8	48.579N	20.790E	1.5	Tornanádaska
28	8:09:20.6	47.083N	17.922E	1.6	Veszprém
28	8:37:28.7	47.332N	18.432E	1.3	Zámoly
28	8:47:33.3	48.698N	18.673E	1.6	Slovakia
28	8:57:12.0	47.981N	16.101E	0.9	Austria
28	9:05:24.2	48.508N	17.509E	1.6	Slovakia
28	9:54:30.3	47.192N	18.272E	0.7	Csór
28	9:56:26.6	47.713N	18.720E	1.2	Csolnok
28	9:59:55.7	48.719N	21.486E	1.6	Slovakia
28	11:42:58.2	47.855N	16.035E	1.2	Austria
28	11:52:39.3	47.909N	16.113E	0.9	Austria
29	6:15:45.2	47.119N	18.045E	1.0	Vilonya
29	6:26:28.5	48.415N	19.534E	1.1	Slovakia
29	8:22:49.8	46.109N	18.069E	1.5	Bakonya
29	8:33:39.0	48.669N	19.665E	1.7	Slovakia
29	8:58:00.2	48.229N	21.255E	1.8	Tállya
29	9:02:50.2	47.197N	18.281E	0.9	Csór
29	11:37:21.4	47.535N	18.390E	1.0	Vértesomló

AUGUSZTUS / AUGUST, 2022

01 7:20:29.5 45.963N 22.824E 1.6 Romania

Hypocenter Parameters**Földrengés paraméterek**

01	10:04:13.9	48.904N	21.082E	1.4	Slovakia
01	10:10:16.8	48.895N	21.075E	1.5	Slovakia
02	8:06:27.2	48.574N	20.772E	1.4	Tornanádaska
02	8:30:36.4	46.782N	22.818E	1.5	Romania
02	8:39:30.3	48.220N	18.788E	1.9	Slovakia
02	9:47:58.0	47.212N	18.285E	0.8	Iszkaszentgyörgy
02	9:56:41.0	48.587N	20.398E	1.3	Slovakia
02	10:42:50.1	46.126N	22.859E	1.3	Romania
03	7:21:50.1	47.828N	19.862E	1.8	Gyöngyösoroszi
03	8:44:09.7	48.503N	17.489E	1.5	Slovakia
03	9:07:07.9	48.896N	21.045E	1.5	Slovakia
03	10:26:48.4	48.675N	18.672E	1.7	Slovakia
04	7:47:05.8	48.216N	21.248E	1.8	Rátka
04	7:55:25.9	46.120N	18.086E	1.5	Abaliget
04	8:06:01.6	47.355N	18.318E	1.8	Csákberény
04	8:34:34.7	48.491N	19.351E	1.7	Slovakia
04	8:48:57.1	48.766N	20.853E	1.4	Slovakia
04	9:04:44.5	48.972N	20.247E	1.2	Slovakia
04	9:19:36.4	48.825N	21.617E	1.9	Slovakia
04	9:33:42.2	47.862N	16.050E	0.9	Austria
05	7:29:29.9	47.978N	20.361E	1.1	Szárvaskő
05	7:31:45.2	48.072N	20.701E	1.2	Miskolctapolca
05	8:56:04.1	46.944N	22.662E	1.6	Romania
05	12:46:24.0	47.717N	16.024E	0.9	Austria
06	7:36:45.5	46.164N	18.285E	1.2	Zobákpuszta
08	6:10:41.8	47.180N	18.195E	0.6	Ősi
08	6:55:06.0	46.759N	22.831E	1.6	Romania
08	7:09:36.2	47.180N	18.211E	0.7	Csór
08	8:05:49.9	47.206N	18.163E	1.0	Bakonykúti
08	8:10:02.2	48.516N	17.505E	1.5	Slovakia
08	8:29:10.7	48.513N	17.522E	1.7	Slovakia
09	6:13:27.6	47.117N	19.369E	1.8	Örkény
09	8:39:04.8	48.532N	20.756E	1.3	Komjáti
09	9:10:52.5	48.598N	20.354E	1.2	Slovakia
09	9:34:46.7	48.971N	16.451E	1.5	Czechia
09	10:30:40.6	48.054N	19.636E	1.3	Sóshartyán
10	7:30:14.5	48.600N	20.809E	1.2	Slovakia
10	7:40:38.4	48.832N	16.134E	1.5	Czechia
10	8:55:34.6	46.820N	17.312E	1.8	Lesencefalu
10	9:00:14.6	45.614N	17.294E	2.1	Croatia
10	9:04:10.2	48.433N	17.233E	1.5	Slovakia
10	10:00:22.6	48.148N	16.890E	1.4	Austria
10	10:45:15.3	48.019N	20.124E	1.5	Pétervására
10	11:01:46.2	45.972N	22.318E	1.5	Romania
11	6:17:08.8	46.033N	22.866E	1.4	Romania
11	7:00:32.0	48.320N	19.843E	1.5	Slovakia
11	8:51:30.4	47.318N	18.467E	0.9	Pátka
11	9:10:57.0	47.821N	19.053E	1.4	Verőce
11	9:19:31.5	48.644N	18.631E	1.9	Slovakia
11	9:26:02.3	45.995N	18.538E	0.9	Szajk
11	10:54:34.2	48.628N	20.174E	1.4	Slovakia
11	11:47:00.4	47.860N	16.055E	1.3	Austria
12	5:29:31.2	47.291N	18.368E	1.5	Magyaralmás
12	6:51:20.7	47.267N	18.343E	1.3	Sárkeresztes
12	7:12:08.0	47.994N	16.600E	1.2	Austria
12	7:47:07.0	48.458N	19.545E	1.1	Slovakia
12	7:56:05.1	48.213N	21.258E	1.8	Mád
12	8:34:52.6	48.621N	20.718E	1.7	Slovakia
12	9:19:55.3	46.093N	21.706E	2.1	Romania
12	9:24:56.5	47.208N	18.311E	0.7	Székesfehérvár

Földrengés paraméterek

Hypocenter Parameters

12	9:42:32.7	48.498N	19.553E	1.2	Slovakia
15	6:55:07.4	45.858N	18.417E	1.2	Nagyharsány
15	7:44:10.7	48.671N	21.435E	1.6	Slovakia
15	8:28:35.8	48.603N	17.507E	1.6	Slovakia
15	8:49:59.5	46.119N	18.042E	1.5	Bükkösd
15	10:37:12.9	48.553N	20.774E	1.4	Komjáti
15	12:47:22.8	48.370N	19.837E	1.4	Slovakia
16	6:56:34.1	48.619N	18.503E	1.7	Slovakia
16	7:36:19.8	45.872N	18.406E	1.1	Villánykövesd
16	8:18:52.1	47.079N	18.008E	1.1	Litér
16	8:56:07.1	48.646N	20.784E	1.5	Slovakia
16	11:41:13.1	47.316N	18.438E	1.6	Zámoly
17	6:42:07.7	47.981N	16.088E	0.9	Austria
17	6:56:38.7	47.858N	19.920E	1.6	Mátraháza
17	7:15:31.9	48.491N	17.466E	1.8	Slovakia
17	7:36:58.7	48.646N	20.784E	1.5	Slovakia
17	7:44:38.1	48.567N	18.795E	1.7	Slovakia
18	6:36:17.2	48.581N	17.442E	1.0	Slovakia
18	7:29:44.8	48.990N	19.368E	1.7	Slovakia
18	8:02:23.2	48.219N	21.220E	2.2	Rátka
18	8:25:42.9	48.409N	21.469E	1.4	Nagyhuta
18	9:13:16.0	47.870N	16.054E	1.2	Austria
18	9:57:24.2	47.878N	20.129E	1.9	Tarnaszentmária
18	10:05:44.8	48.592N	20.784E	1.6	Slovakia
19	6:35:49.7	47.940N	19.356E	1.9	Magyarnándor
19	9:14:05.9	47.856N	16.046E	1.2	Austria
19	9:45:24.5	46.807N	22.873E	1.4	Romania
19	9:57:00.5	45.979N	18.493E	1.4	Bóly
22	8:49:46.5	48.548N	20.777E	1.5	Komjáti
22	14:31:25.7	48.527N	18.560E	1.3	Slovakia
22	14:32:26.0	48.540N	18.575E	1.2	Slovakia
22	14:39:48.8	46.093N	21.736E	1.6	Romania
23	7:57:47.6	48.058N	19.626E	1.2	Nógrádmegyer
23	8:03:21.3	48.213N	18.773E	1.8	Slovakia
23	8:24:54.0	48.573N	17.445E	1.5	Slovakia
23	8:28:05.9	47.314N	18.447E	1.5	Pátka
23	8:42:11.3	48.609N	20.730E	1.9	Slovakia
23	8:55:14.5	46.204N	18.257E	1.5	Komló
23	9:03:05.1	48.043N	20.659E	1.5	Kisgyőr
23	10:04:24.6	47.209N	18.274E	0.8	Iszkaszentgyörgy
23	10:54:25.2	47.542N	18.594E	0.8	Nagyegyháza
23	11:28:08.0	47.974N	16.618E	1.5	Austria
24	5:14:31.5	47.954N	16.070E	0.9	Austria
24	7:39:58.6	48.374N	17.328E	1.7	Slovakia
24	7:46:27.1	47.910N	20.083E	2.1	Parád
24	7:49:52.2	48.561N	20.768E	1.3	Tornanádaska
24	8:06:49.6	46.942N	17.340E	1.5	Sümegprága
24	8:07:53.7	48.910N	21.036E	1.6	Slovakia
24	8:56:31.5	48.984N	20.238E	1.2	Slovakia
24	9:06:38.1	48.787N	16.188E	1.7	Czechia
24	10:40:02.8	48.419N	17.332E	1.6	Slovakia
24	11:57:33.2	47.861N	16.003E	1.2	Austria
24	12:09:20.3	47.917N	16.113E	1.2	Austria
25	7:00:41.4	47.877N	19.136E	1.5	Nőtincs
25	7:09:51.2	48.240N	21.266E	2.1	Tállya
25	7:26:19.5	47.360N	18.410E	1.7	Gánt
25	9:01:37.9	47.210N	18.287E	1.1	Iszkaszentgyörgy
25	9:49:19.3	48.790N	18.683E	1.8	Slovakia
26	10:11:23.9	48.577N	20.909E	1.4	Slovakia
29	8:15:58.2	47.107N	17.879E	1.6	Márkó

Hypocenter Parameters**Földrengés paraméterek**

29	10:04:25.0	46.139N	18.025E	1.7	Hetvehely
29	11:20:55.6	47.864N	16.059E	0.9	Austria
30	6:03:39.8	47.334N	17.604E	1.2	Béb
30	8:33:40.2	47.847N	16.011E	0.7	Austria
30	9:22:38.5	48.651N	21.415E	1.7	Slovakia
30	13:00:17.4	46.091N	18.150E	1.1	Kővágószőlős
30	14:37:49.7	48.085N	19.601E	1.4	Magyargéc
31	7:27:57.6	47.987N	20.356E	1.2	Szarvaskő
31	8:18:09.7	48.670N	21.507E	1.5	Slovakia
31	8:25:54.3	46.862N	17.374E	1.6	Lesencetomaj
31	8:51:25.3	47.319N	17.618E	1.0	Ugod
31	8:54:42.2	48.369N	18.472E	1.5	Slovakia
31	9:10:00.3	47.362N	17.597E	1.1	Béb
31	9:16:32.8	48.641N	22.391E	1.6	Ukraine
31	9:25:29.3	48.881N	21.612E	1.7	Slovakia

SZEPTEMBER / SEPTEMBER, 2022

01	8:24:34.5	47.864N	19.140E	1.4	Nőtincs
01	8:48:12.1	48.204N	21.237E	1.9	Rátka
01	9:05:07.2	46.791N	22.796E	1.7	Romania
01	10:28:35.5	47.858N	19.084E	1.2	Szendehely
02	5:58:23.3	47.912N	16.058E	0.9	Austria
02	7:00:44.9	47.094N	18.021E	1.3	Litér
02	9:30:55.3	47.915N	16.096E	0.9	Austria
02	9:47:46.8	47.868N	16.045E	0.7	Austria
02	10:53:16.9	47.118N	17.980E	1.5	Kádárta
05	6:38:29.9	47.270N	18.351E	1.9	Sárkeresztes
05	8:00:39.7	46.808N	17.269E	1.6	Cserszegtomaj
05	8:08:07.1	48.523N	17.464E	1.5	Slovakia
05	9:09:12.7	48.737N	18.444E	1.8	Slovakia
05	12:50:16.8	47.574N	18.491E	1.2	Tarján
05	12:56:11.4	47.938N	16.124E	0.8	Austria
05	14:12:51.8	48.693N	19.190E	1.6	Slovakia
06	6:29:40.5	47.012N	17.968E	1.4	Felsőörs
06	8:14:07.8	47.313N	18.496E	1.7	Lovasberény
06	8:17:45.3	48.552N	20.746E	1.7	Komjáti
06	8:51:16.7	48.652N	21.464E	1.5	Slovakia
06	8:58:32.4	48.473N	19.111E	1.7	Slovakia
06	9:21:24.8	47.193N	18.278E	1.0	Sárkeszi
06	9:37:21.6	47.868N	16.035E	1.1	Austria
07	7:10:58.5	48.077N	20.691E	1.2	Bükkszentlászló
07	7:14:30.5	46.927N	22.946E	1.3	Romania
07	7:50:58.1	48.530N	19.321E	1.7	Slovakia
07	8:30:06.7	48.769N	20.093E	1.1	Slovakia
07	8:36:46.6	48.350N	19.850E	1.8	Slovakia
07	8:47:44.2	48.550N	17.580E	1.6	Slovakia
07	8:51:52.8	46.856N	17.376E	2.0	Lesencetomaj
07	9:11:08.3	46.119N	18.039E	1.6	Bükkösd
07	9:25:27.1	48.584N	17.372E	1.5	Slovakia
07	9:28:17.1	48.855N	21.109E	1.5	Slovakia
07	11:44:47.7	46.080N	21.775E	1.6	Romania
08	6:47:27.7	48.414N	19.514E	1.2	Slovakia
08	8:21:02.6	47.918N	16.432E	1.2	Austria
08	8:41:32.4	48.971N	18.319E	1.7	Slovakia
08	8:44:51.2	48.593N	20.479E	1.4	Slovakia
08	9:23:50.5	48.509N	20.671E	0.9	Szögliget
08	9:39:27.4	47.473N	18.685E	1.3	Herceghalom
08	10:48:09.7	48.219N	21.245E	1.9	Rátka
09	7:25:09.3	47.208N	18.292E	1.0	Iszkaszentgyörgy
09	8:37:02.2	47.901N	20.063E	2.1	Parád

Földrengés paraméterek

Hypocenter Parameters

09	8:46:35.6	47.892N	20.113E	1.7	Tarnaszentmária
09	9:45:03.8	48.431N	17.240E	1.8	Slovakia
09	10:00:60.0	48.112N	16.939E	1.6	Austria
12	7:40:09.7	47.086N	17.976E	0.9	Litér
12	8:17:38.7	48.604N	20.764E	1.5	Slovakia
12	8:54:48.1	48.061N	20.699E	1.3	Miskolctapolca
12	9:15:14.0	47.247N	18.230E	0.8	Bakonykúti
12	13:49:41.0	48.861N	21.331E	1.8	Slovakia
13	7:04:04.7	46.151N	18.022E	1.2	Hetvehely
13	8:09:21.1	47.302N	18.458E	1.4	Pátka
13	9:01:59.5	48.653N	20.807E	2.0	Slovakia
13	10:14:06.2	47.590N	18.492E	1.3	Tarján
13	10:31:30.6	46.196N	18.294E	1.2	Zobákpuszta
13	11:44:28.1	48.912N	20.720E	1.6	Slovakia
14	7:39:39.5	48.875N	21.021E	1.9	Slovakia
14	7:49:39.8	48.516N	17.443E	1.5	Slovakia
14	8:36:44.9	48.726N	20.762E	1.4	Slovakia
14	9:00:44.0	47.201N	18.268E	0.6	Csór
14	9:18:11.7	48.827N	20.138E	1.2	Slovakia
14	10:11:04.4	46.815N	17.289E	2.0	Vállus
14	10:22:47.0	47.731N	18.701E	1.4	Tokod
14	15:21:49.9	47.989N	19.659E	1.2	Garáb
15	7:50:01.8	48.250N	21.231E	1.9	Tállya
15	7:56:18.2	47.311N	18.442E	1.8	Zámoly
15	8:37:44.6	46.108N	18.316E	1.3	Hird
15	9:07:34.7	46.810N	22.824E	1.7	Romania
16	7:31:56.6	48.129N	21.335E	1.5	Tarcal
16	7:48:47.1	47.916N	16.111E	0.9	Austria
16	8:17:46.2	47.884N	19.165E	1.5	Nőtincs
16	9:22:51.1	48.007N	20.365E	1.2	Szarvaskő
19	7:55:35.2	48.184N	21.325E	1.5	Bodrogkisfalud
19	9:41:40.0	47.220N	18.236E	0.6	Iszkaszentgyörgy
19	9:56:10.1	48.460N	19.560E	1.2	Slovakia
19	10:15:06.1	48.626N	21.358E	1.8	Slovakia
20	7:42:06.2	48.221N	18.799E	1.9	Slovakia
20	8:28:00.6	48.836N	16.083E	1.7	Czechia
20	8:42:19.9	48.690N	18.677E	2.0	Slovakia
20	8:44:53.0	48.544N	20.758E	1.5	Komjáti
20	10:22:07.4	48.371N	19.857E	1.8	Slovakia
20	10:25:49.1	47.228N	18.346E	0.8	Moha
20	10:50:29.1	48.334N	19.850E	1.5	Slovakia
21	8:44:49.9	48.433N	17.232E	1.8	Slovakia
21	9:41:35.9	48.398N	17.360E	1.9	Slovakia
21	10:00:15.6	48.154N	16.889E	1.6	Austria
21	10:31:37.3	46.831N	17.382E	2.0	Nemesvita
21	11:56:41.8	47.850N	16.024E	1.4	Austria
21	12:10:19.2	47.934N	20.110E	1.8	Recsk
22	6:20:17.9	48.230N	21.235E	2.0	Tállya
22	7:18:36.6	47.332N	18.451E	1.4	Zámoly
22	7:31:03.2	48.790N	19.455E	2.2	Slovakia
22	8:40:03.6	48.911N	21.091E	1.5	Slovakia
22	8:47:31.4	48.511N	20.753E	1.5	Bódvarákó
22	9:05:29.0	47.734N	18.642E	1.9	Tát
22	9:09:41.3	47.188N	18.274E	0.9	Sárkeszi
22	9:45:22.9	47.832N	19.085E	1.5	Verőce
22	10:06:02.8	48.019N	19.640E	1.3	Lucfalva
23	7:19:39.4	48.759N	19.408E	1.8	Slovakia
23	7:28:44.4	48.589N	20.783E	1.9	Slovakia
23	8:10:04.7	45.931N	22.524E	1.8	Romania
23	8:57:09.9	48.512N	17.425E	1.7	Slovakia

Hypocenter Parameters**Földrengés paraméterek**

23	9:15:54.0	46.125N	17.997E	1.7	Bükkösőd
23	9:24:15.9	46.874N	17.324E	1.8	Várvölgy
23	10:42:45.2	46.988N	22.793E	1.9	Romania
26	7:27:49.8	48.046N	20.721E	1.4	Miskolctapolca
26	7:38:20.9	47.091N	17.952E	1.5	Veszprém
26	7:53:04.5	48.580N	20.790E	1.7	Tornanádaska
26	8:44:57.0	48.417N	19.128E	1.9	Slovakia
26	10:00:14.9	48.123N	16.950E	2.0	Austria
26	10:55:12.8	47.607N	18.424E	0.9	Vértezzőlős
26	11:26:32.8	48.891N	20.666E	1.6	Slovakia
26	12:00:18.2	48.997N	19.357E	2.0	Slovakia
27	7:38:07.0	48.695N	18.694E	1.8	Slovakia
27	8:28:45.8	48.551N	20.783E	1.5	Tornanádaska
27	10:13:47.5	47.103N	17.834E	1.2	Márkó
27	11:32:34.9	47.869N	16.074E	1.2	Austria
28	7:24:25.3	46.852N	17.328E	1.7	Lesencefalu
28	7:30:14.3	48.441N	17.237E	1.8	Slovakia
28	7:53:20.8	48.694N	18.653E	1.5	Slovakia
28	8:50:26.8	47.971N	16.093E	1.0	Austria
28	9:14:41.1	47.193N	18.319E	0.8	Székesfehérvár
28	11:53:58.1	47.314N	16.333E	1.9	Austria
29	7:35:34.2	46.131N	18.042E	1.3	Hetvehely
29	7:56:33.2	48.513N	17.435E	1.6	Slovakia
29	8:01:03.6	46.070N	22.848E	1.6	Romania
29	8:24:38.9	48.514N	19.396E	1.7	Slovakia
29	8:58:24.2	48.222N	21.261E	1.9	Tállya
29	13:18:49.9	47.114N	19.330E	1.8	Örkény
29	13:32:56.6	47.122N	19.330E	1.8	Örkény
30	6:39:31.8	48.543N	19.330E	1.8	Slovakia
30	8:02:18.7	48.791N	16.183E	1.7	Czechia
30	10:17:20.3	45.838N	18.451E	1.3	Nagyharsány
30	13:43:28.3	46.082N	21.773E	1.6	Romania

OKTÓBER / OCTOBER, 2022

01	7:44:08.4	46.227N	18.242E	1.0	Komló
03	6:26:54.8	48.537N	17.597E	1.4	Slovakia
03	7:53:28.6	48.529N	17.402E	2.0	Slovakia
03	9:03:49.6	47.831N	19.009E	1.5	Kismaros
04	6:49:52.6	46.028N	22.712E	1.9	Romania
04	6:59:28.8	48.452N	17.437E	1.8	Slovakia
04	7:14:29.0	47.282N	17.685E	1.8	Bakonykoppány
04	7:31:58.2	46.121N	18.037E	1.2	Bükkösőd
04	9:22:30.1	47.904N	16.057E	1.2	Austria
04	9:33:01.7	47.177N	18.260E	0.7	Sárkeszi
04	9:55:21.2	47.315N	18.435E	1.0	Zámoly
04	10:57:56.9	48.444N	19.550E	1.1	Slovakia
05	8:21:34.5	48.572N	20.378E	1.7	Slovakia
05	8:54:59.9	48.037N	20.338E	1.2	Mónosbél
05	9:00:57.7	46.174N	18.295E	1.2	Zobákpuszta
05	10:00:11.1	48.126N	16.904E	1.7	Austria
05	10:41:03.2	46.949N	22.824E	1.9	Romania
05	11:24:26.6	47.947N	16.137E	0.7	Austria
05	12:07:47.9	48.609N	20.821E	1.2	Slovakia
06	8:58:22.3	45.524N	18.045E	1.6	Croatia
06	10:35:47.9	47.592N	18.355E	1.2	Vértezzőlős
06	10:42:48.0	48.999N	18.294E	1.9	Slovakia
07	8:10:57.2	48.574N	20.805E	1.4	Tornanádaska
07	8:40:04.7	48.420N	17.279E	1.9	Slovakia
07	10:00:31.7	48.182N	16.847E	1.9	Austria
10	8:08:35.1	47.276N	17.679E	1.1	Bakonykoppány

Földrengés paraméterek

Hypocenter Parameters

10	8:52:45.2	47.756N	19.946E	1.5	Gyöngyöshalász
10	11:46:05.0	47.881N	16.076E	1.7	Austria
11	8:06:00.0	48.964N	21.038E	1.6	Slovakia
11	8:28:23.2	48.511N	17.453E	1.9	Slovakia
11	9:00:27.3	47.950N	16.095E	1.3	Austria
11	9:16:00.8	47.220N	18.278E	0.7	Iszkaszentgyörgy
11	9:30:00.6	48.423N	17.260E	1.9	Slovakia
11	9:35:24.5	47.704N	19.031E	1.8	Leányfalu
11	16:05:18.3	47.827N	19.130E	1.1	Szendehely
12	7:28:30.3	47.900N	19.170E	1.4	Felsőpetény
12	8:25:53.4	48.995N	19.358E	1.8	Slovakia
12	8:44:28.2	48.588N	20.763E	1.4	Slovakia
12	9:10:55.2	48.497N	19.166E	2.1	Slovakia
12	9:20:30.8	47.197N	18.332E	0.9	Székesfehérvár
12	11:12:39.5	48.438N	17.232E	1.6	Slovakia
12	11:38:42.5	46.890N	17.308E	1.8	Várvölgy
13	6:21:36.0	47.973N	16.087E	1.0	Austria
13	7:01:14.3	48.493N	17.544E	1.4	Slovakia
13	7:48:09.6	47.312N	18.470E	1.8	Pátka
13	9:13:17.9	48.239N	21.226E	1.9	Tállya
13	10:00:10.4	48.161N	16.847E	1.8	Austria
13	13:42:20.3	47.899N	19.185E	2.2	Felsőpetény
14	7:23:04.1	45.864N	18.401E	1.3	Kisharsány
14	7:28:25.7	48.386N	18.632E	1.8	Slovakia
14	7:45:32.6	48.205N	18.796E	1.8	Slovakia
14	7:59:33.8	48.587N	20.777E	1.5	Slovakia
14	8:06:49.8	48.550N	19.336E	1.4	Slovakia
14	8:08:22.9	48.536N	19.336E	1.3	Slovakia
14	10:18:37.5	47.560N	18.493E	1.1	Tatabánya
14	11:20:55.3	48.949N	21.275E	1.9	Slovakia
15	8:25:42.5	46.210N	18.276E	1.3	Kisbattyán
17	7:39:21.4	48.451N	19.545E	1.2	Slovakia
17	7:48:24.3	47.110N	17.880E	1.5	Márkó
17	8:45:55.0	46.135N	18.073E	1.1	Abaliget
17	8:54:27.8	48.504N	17.451E	1.7	Slovakia
17	8:57:24.3	47.900N	19.349E	1.8	Szécsénke
17	9:33:10.8	47.875N	16.060E	1.2	Austria
17	10:04:28.9	48.488N	19.562E	1.3	Slovakia
17	11:59:17.4	45.510N	17.306E	1.5	Croatia
18	7:58:41.1	48.090N	20.680E	1.3	Bükkszentlászló
18	8:13:54.5	47.338N	18.447E	1.7	Zámoly
18	9:15:39.6	47.233N	18.242E	0.8	Iszkaszentgyörgy
18	9:51:50.4	48.438N	19.133E	1.6	Slovakia
19	10:16:46.4	48.407N	19.842E	1.4	Slovakia
20	7:17:34.2	47.749N	19.142E	1.5	Sződliget
20	7:32:11.7	47.249N	18.361E	1.5	Sárkeresztes
20	8:00:02.5	48.447N	17.213E	2.1	Slovakia
20	8:24:48.4	47.959N	19.014E	1.7	Diósjenő
20	8:32:33.7	48.533N	17.462E	2.0	Slovakia
20	8:59:50.9	48.283N	21.218E	1.9	Abaújszántó
20	9:57:57.1	47.233N	18.242E	0.8	Iszkaszentgyörgy
20	11:08:57.8	47.817N	16.005E	1.2	Austria
21	7:14:39.6	48.497N	19.196E	1.7	Slovakia
21	7:57:47.7	48.474N	17.396E	2.0	Slovakia
21	10:32:40.7	48.666N	19.676E	1.8	Slovakia
24	7:20:35.6	48.043N	20.701E	1.3	Kisgyör
24	9:07:10.1	47.511N	18.674E	1.2	Mány
25	8:09:21.7	45.857N	18.416E	1.2	Nagyharsány
25	8:33:10.2	45.880N	18.395E	1.0	Villánykövesd
25	8:47:47.2	47.274N	18.260E	0.8	Kincsesbánya

Hypocenter Parameters**Földrengés paraméterek**

25	9:03:28.9	48.591N	19.353E	1.7	Slovakia
25	10:00:31.1	48.118N	16.899E	1.9	Austria
25	11:09:55.0	48.703N	21.510E	1.9	Slovakia
26	7:58:15.9	46.806N	17.434E	1.8	Szigliget
26	8:14:58.8	48.857N	21.594E	1.9	Slovakia
26	9:16:13.8	47.197N	18.303E	1.1	Székesfehérvár
26	10:02:07.7	48.471N	21.406E	0.9	Telkibánya
27	8:29:17.9	48.583N	17.382E	1.4	Slovakia
27	8:57:37.9	48.500N	19.407E	1.9	Slovakia
27	9:02:33.7	47.212N	18.290E	0.8	Iszkaszentgyörgy
27	9:12:46.3	48.208N	21.243E	2.0	Rátka
27	9:35:55.9	48.876N	20.476E	2.0	Slovakia
27	11:45:00.3	47.337N	18.420E	2.0	Zámoly
28	7:43:06.5	46.919N	22.837E	2.0	Romania
28	9:30:13.1	48.990N	21.406E	1.9	Slovakia
28	9:50:56.8	46.221N	18.252E	1.3	Komló
28	10:13:08.2	48.819N	20.119E	1.3	Slovakia
28	10:18:47.2	48.999N	19.405E	1.7	Slovakia
28	10:40:55.8	48.429N	17.215E	2.0	Slovakia
31	10:44:51.5	48.729N	18.643E	1.8	Slovakia
31	10:50:57.8	48.671N	18.676E	2.0	Slovakia
31	12:04:23.8	46.880N	22.862E	1.6	Romania
31	13:05:56.9	47.860N	16.046E	1.3	Austria
31	13:13:20.9	48.558N	20.811E	1.4	Hidvégardó
31	14:27:38.5	48.598N	20.831E	1.5	Slovakia

NOVEMBER / NOVEMBER, 2022

02	9:07:16.3	48.616N	21.440E	1.5	Slovakia
02	9:27:40.9	47.363N	18.499E	1.3	Csákvár
02	9:34:01.9	48.606N	20.796E	1.8	Slovakia
02	9:36:12.6	47.347N	18.537E	1.7	Lovasberény
02	9:47:59.8	48.514N	18.744E	2.0	Slovakia
02	10:04:40.3	46.886N	17.297E	1.8	Várvölgy
02	12:45:17.5	46.042N	18.466E	0.8	Máriakéménd
02	13:01:13.3	47.900N	16.092E	1.1	Austria
02	13:04:38.6	47.827N	16.008E	0.7	Austria
03	8:43:29.5	48.848N	21.815E	1.7	Slovakia
03	9:48:06.1	47.302N	18.520E	1.4	Pátka
03	9:57:44.3	47.330N	18.446E	1.6	Zámoly
03	10:00:03.1	48.433N	17.237E	1.8	Slovakia
03	10:25:24.7	47.220N	18.284E	0.9	Iszkaszentgyörgy
04	7:51:39.5	47.298N	18.315E	1.4	Magyaralmás
04	8:40:03.5	47.892N	19.365E	1.7	Becske
04	9:32:09.3	47.251N	18.249E	0.6	Kincsesbánya
04	11:13:33.8	47.626N	18.460E	1.4	Vértestolna
07	8:23:45.1	48.423N	18.663E	2.2	Slovakia
07	9:29:01.4	48.516N	17.443E	1.7	Slovakia
07	10:02:35.5	48.548N	20.821E	1.7	Hidvégardó
07	12:34:10.6	46.158N	16.415E	2.0	Croatia
07	13:27:05.8	48.600N	21.409E	1.5	Slovakia
08	7:30:23.3	47.311N	18.327E	1.8	Magyaralmás
08	9:35:43.7	48.918N	21.045E	1.5	Slovakia
08	10:15:05.5	47.237N	18.263E	0.8	Iszkaszentgyörgy
08	10:46:38.6	47.853N	19.093E	1.7	Szendehely
08	11:15:14.2	45.947N	22.654E	1.6	Romania
08	11:59:14.0	45.622N	17.608E	1.6	Croatia
08	12:02:09.9	48.975N	20.514E	1.2	Slovakia
08	12:38:04.6	47.870N	16.059E	1.6	Austria
09	8:54:50.1	48.815N	20.186E	2.0	Slovakia
09	10:06:51.0	48.583N	20.758E	1.8	Slovakia

Földrengés paraméterek

Hypocenter Parameters

09	10:49:55.4	45.944N	22.318E	1.8	Romania
09	13:52:26.0	48.911N	20.678E	1.5	Slovakia
10	9:26:31.8	48.570N	20.789E	1.7	Tornanádaska
10	9:47:46.2	48.236N	21.247E	1.8	Tállya
10	11:01:58.6	46.924N	22.928E	1.5	Romania
10	12:11:56.7	47.359N	18.423E	1.8	Gánt
10	12:21:02.3	47.865N	16.056E	0.9	Austria
11	8:00:10.7	48.198N	18.779E	2.1	Slovakia
11	8:32:27.3	46.937N	17.339E	1.5	Sümegprága
11	8:43:41.2	48.998N	19.361E	2.1	Slovakia
11	9:16:32.4	46.146N	18.289E	1.3	Vasas
11	9:24:24.8	48.564N	20.772E	1.9	Tornanádaska
11	10:06:43.0	47.970N	20.179E	1.3	Bükkszék
11	10:07:44.0	48.417N	20.651E	1.0	Alsótelkes
11	10:23:14.2	47.876N	16.055E	1.0	Austria
11	10:25:01.5	48.945N	19.779E	2.1	Slovakia
11	13:03:51.5	48.388N	19.831E	2.2	Slovakia
11	13:54:29.4	47.058N	19.444E	1.8	Ladánybene
11	14:08:10.5	47.090N	19.398E	1.9	Tatárszentgyörgy
11	14:24:15.1	47.074N	19.417E	1.9	Tatárszentgyörgy
14	9:36:38.4	46.875N	17.331E	1.6	Lesenceistvánd
14	9:41:28.3	48.569N	20.835E	1.5	Hidvégardó
15	9:29:38.2	46.738N	22.676E	1.6	Romania
15	9:31:55.7	47.900N	19.396E	1.8	Becske
15	9:55:10.1	48.646N	17.369E	2.0	Slovakia
15	11:33:02.8	47.180N	18.305E	0.9	Sárkeszzi
16	7:31:12.2	46.065N	22.882E	1.9	Romania
16	8:05:03.1	46.966N	17.328E	1.9	Sümeg
16	8:29:42.8	48.449N	17.234E	1.9	Slovakia
16	9:01:44.5	48.506N	19.309E	1.6	Slovakia
16	10:08:58.8	48.617N	20.786E	2.0	Slovakia
16	10:43:24.8	46.014N	22.815E	1.7	Romania
16	11:02:22.5	48.826N	21.379E	1.8	Slovakia
16	12:43:04.2	47.884N	16.058E	1.5	Austria
17	8:45:27.8	47.970N	20.385E	1.3	Felsőtárkány
17	9:14:04.4	48.215N	21.283E	2.0	Mád
17	9:15:39.4	46.136N	18.311E	1.0	Vasas
17	9:44:40.9	48.194N	22.272E	1.5	Tiszavid
17	9:48:49.9	48.481N	20.788E	1.0	Martonyi
17	10:11:02.8	47.200N	18.274E	0.4	Csór
17	12:12:42.4	47.904N	16.106E	1.4	Austria
18	7:11:46.3	47.298N	18.322E	1.3	Magyaralmás
18	7:36:04.6	46.002N	22.774E	1.5	Romania
18	8:32:20.9	46.004N	22.765E	1.5	Romania
18	9:39:14.8	48.821N	21.608E	2.0	Slovakia
21	7:59:40.3	48.374N	21.908E	1.5	Slovakia
21	9:28:42.6	48.489N	17.475E	1.8	Slovakia
21	9:35:22.8	48.689N	20.775E	1.4	Slovakia
21	10:56:26.4	47.194N	18.305E	0.6	Székesfehérvár
21	11:00:15.4	48.062N	16.905E	2.2	Austria
22	8:13:41.5	48.405N	19.599E	1.6	Slovakia
22	9:27:41.5	48.346N	18.601E	2.5	Slovakia
22	9:40:33.3	48.448N	21.445E	1.6	Kishuta
22	10:00:09.7	48.456N	21.499E	1.4	Kishuta
22	10:07:13.3	46.044N	22.806E	1.8	Romania
22	10:26:01.1	47.278N	18.233E	0.8	Kincsesbánya
22	10:41:24.0	48.447N	19.083E	2.0	Slovakia
23	8:10:08.8	48.523N	17.529E	1.8	Slovakia
23	8:10:57.6	48.431N	21.895E	1.9	Slovakia
23	8:21:33.7	48.021N	20.337E	1.3	Mónosbél

Hypocenter Parameters**Földrengés paraméterek**

23	10:38:06.7	48.608N	20.768E	1.4	Slovakia
23	11:00:11.5	48.143N	16.829E	2.0	Austria
24	7:34:28.2	47.329N	17.651E	1.7	Bakonyyszúcs
24	8:09:22.2	48.857N	21.698E	1.7	Slovakia
24	8:33:30.4	47.315N	17.637E	1.8	Homokbődöge
24	9:04:51.6	48.282N	21.493E	1.4	Bodrogolaszzi
24	9:05:58.9	48.299N	21.504E	1.6	Bodrogolaszzi
24	10:08:14.6	47.212N	18.315E	0.9	Moha
24	10:12:38.9	48.635N	21.464E	1.6	Slovakia
24	11:20:11.3	48.822N	21.227E	1.6	Slovakia
24	13:00:22.2	46.041N	22.060E	1.6	Romania
25	9:07:17.7	46.031N	22.762E	1.8	Romania
25	9:27:29.7	47.477N	18.763E	1.2	Etyek
25	10:08:43.3	47.633N	18.559E	1.1	Tarján
25	13:18:46.1	45.659N	17.300E	1.8	Croatia
26	13:19:06.5	48.508N	22.876E	2.0	Ukraine
28	10:44:33.4	47.883N	16.089E	1.2	Austria
28	14:04:45.0	47.103N	19.365E	1.9	Tatárszentgyörgy
29	7:27:19.0	46.011N	22.798E	1.6	Romania
29	8:10:53.3	46.050N	22.814E	1.6	Romania
29	8:27:09.0	46.843N	22.864E	1.6	Romania
29	8:41:09.7	47.821N	19.062E	1.5	Verőce
29	10:33:24.5	47.211N	18.280E	0.7	Iszkaszentgyörgy
29	10:49:48.0	47.330N	18.410E	1.8	Zámoly
29	13:39:32.3	47.109N	19.337E	2.1	Tatárszentgyörgy
30	9:26:27.0	48.511N	17.523E	1.8	Slovakia
30	9:50:30.2	48.457N	19.398E	1.5	Slovakia
30	10:26:02.4	48.650N	21.455E	1.6	Slovakia
30	10:31:52.7	47.227N	18.296E	0.4	Moha
30	10:34:23.6	45.614N	17.311E	2.1	Croatia
30	10:37:30.8	48.838N	21.433E	1.6	Slovakia
30	11:00:12.2	48.058N	17.012E	1.9	Slovakia
30	11:05:37.7	46.880N	17.346E	1.7	Lesenceistvánd
30	13:16:47.0	47.587N	16.315E	1.6	Austria
30	13:53:05.2	47.064N	19.467E	2.0	Felsőlajos

DECEMBER / DECEMBER, 2022

01	8:07:16.6	48.001N	20.321E	1.2	Szarvaskő
01	8:10:21.5	47.676N	18.574E	1.6	Nagysáp
01	9:36:29.6	48.599N	20.790E	1.8	Slovakia
01	10:00:02.8	48.430N	17.254E	1.9	Slovakia
01	11:36:16.8	47.865N	19.108E	1.5	Szendehely
01	12:26:01.8	47.081N	19.361E	1.9	Tatárszentgyörgy
01	12:44:04.6	47.090N	19.368E	2.0	Tatárszentgyörgy
01	13:05:55.0	47.902N	16.011E	1.5	Austria
02	7:26:30.3	47.087N	17.980E	1.2	Litér
02	8:23:14.2	46.142N	16.477E	2.0	Croatia
02	9:48:46.6	46.881N	17.343E	1.4	Lesenceistvánd
02	10:18:36.0	48.565N	20.806E	1.5	Tornanádaska
02	14:25:32.7	47.098N	19.348E	1.8	Tatárszentgyörgy
02	14:43:17.7	47.070N	19.430E	1.8	Tatárszentgyörgy
05	9:14:21.9	47.695N	18.507E	1.0	Héreg
05	9:38:10.7	48.952N	21.288E	1.5	Slovakia
05	9:43:32.6	48.747N	20.795E	1.5	Slovakia
05	9:49:48.0	48.104N	16.865E	1.9	Austria
05	9:51:09.8	46.182N	18.295E	1.1	Zobápuszta
05	11:00:00.8	48.170N	16.889E	1.8	Austria
05	11:04:35.6	48.844N	21.654E	1.9	Slovakia
05	12:10:12.1	45.978N	18.553E	0.5	Babarc
05	12:51:56.4	47.096N	19.384E	1.8	Tatárszentgyörgy

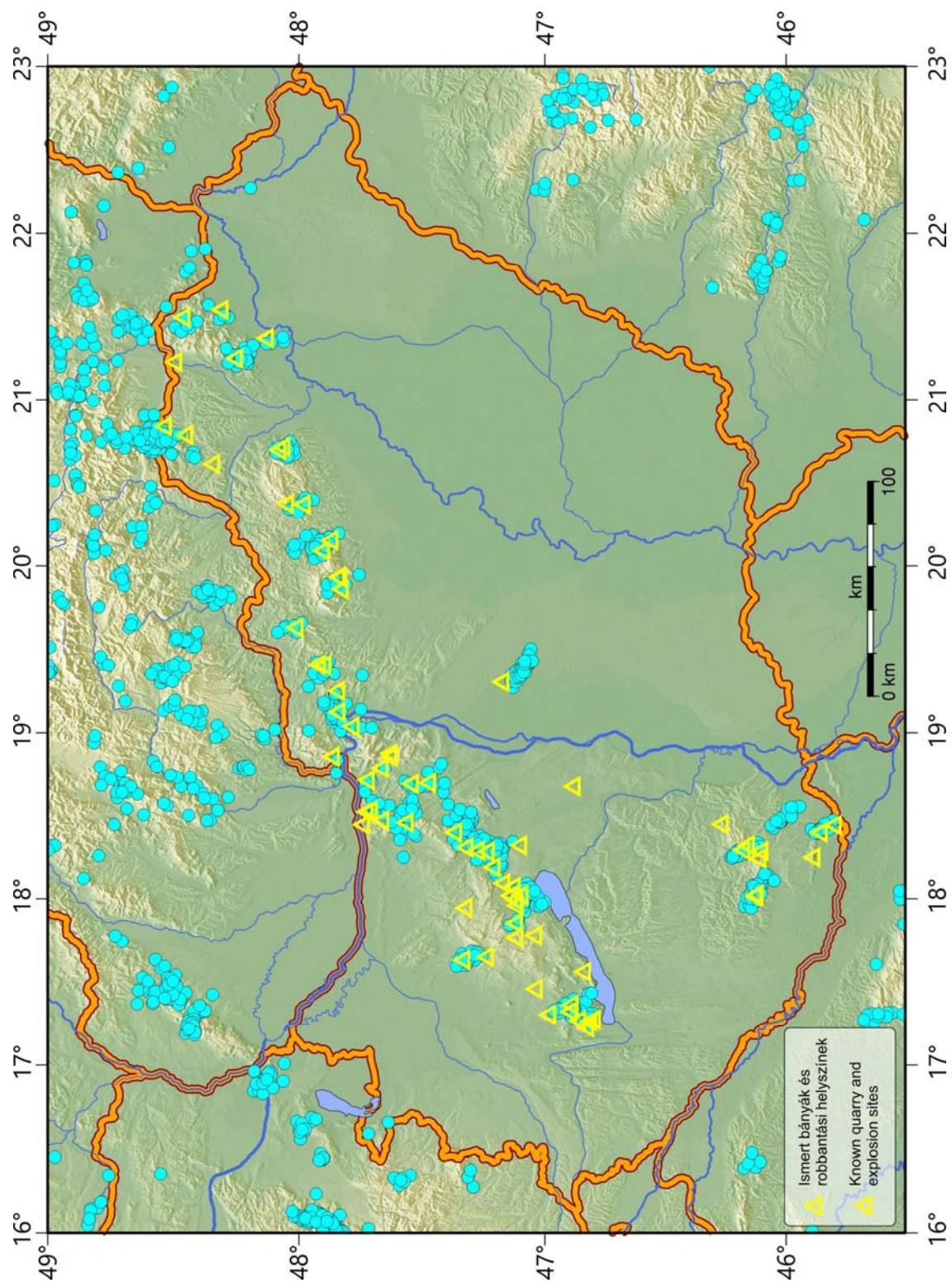
Földrengés paraméterek

Hypocenter Parameters

05	13:06:12.5	47.841N	16.013E	1.0	Austria
05	13:09:08.8	47.050N	19.432E	1.8	Ladánybene
06	9:41:28.8	48.576N	20.769E	1.8	Tornanádaska
06	11:45:57.7	45.993N	22.671E	2.0	Romania
06	12:36:18.9	48.308N	19.830E	2.0	Slovakia
06	14:55:18.0	47.089N	19.383E	1.8	Tatárszentgyörgy
07	9:40:53.2	48.423N	17.239E	1.9	Slovakia
07	9:43:04.3	48.550N	20.748E	1.4	Komjáti
07	10:22:12.8	47.203N	18.285E	0.6	Csór
07	10:57:05.1	46.148N	18.002E	0.9	Hetvehely
07	12:16:00.2	48.637N	20.755E	1.6	Slovakia
07	12:56:22.4	47.875N	16.067E	1.3	Austria
07	13:24:02.1	48.671N	19.645E	1.6	Slovakia
08	8:24:13.7	47.321N	18.447E	1.7	Zámoly
08	8:54:59.6	48.504N	17.427E	1.5	Slovakia
08	9:57:18.2	48.208N	21.233E	2.2	Rátka
08	13:05:53.5	48.714N	21.412E	1.6	Slovakia
08	14:35:27.4	47.087N	19.366E	1.8	Tatárszentgyörgy
09	11:14:23.8	47.330N	17.628E	2.0	Béb
09	14:33:34.0	47.083N	19.417E	1.7	Tatárszentgyörgy
09	14:53:38.3	47.083N	19.432E	1.7	Tatárszentgyörgy
12	8:29:17.1	46.008N	22.848E	1.7	Romania
12	9:37:18.9	47.196N	18.324E	1.2	Székesfehérvár
12	10:59:59.3	48.143N	16.892E	1.7	Austria
12	12:26:34.3	45.675N	17.274E	1.8	Croatia
12	12:45:49.4	47.851N	16.019E	1.4	Austria
13	8:51:11.9	47.273N	18.331E	1.5	Magyaralmás
13	9:08:58.8	48.536N	17.403E	2.0	Slovakia
13	10:26:17.1	47.848N	19.882E	2.2	Gyöngyösoroszi
13	10:49:40.1	48.706N	19.921E	1.9	Slovakia
13	12:30:03.3	48.417N	17.198E	2.2	Slovakia
14	9:25:50.5	46.878N	17.297E	2.1	Várvölgy
14	9:38:51.8	48.722N	21.406E	1.9	Slovakia
14	9:48:28.8	48.522N	17.484E	2.0	Slovakia
14	9:59:27.0	48.346N	17.425E	2.4	Slovakia
14	10:01:32.6	48.572N	20.803E	1.8	Tornanádaska
14	10:12:54.3	48.380N	18.604E	2.0	Slovakia
14	12:24:50.9	46.110N	18.057E	1.4	Bükkösd
14	13:19:30.7	48.439N	17.220E	2.2	Slovakia
15	8:21:33.8	46.027N	22.791E	1.7	Romania
15	8:23:28.0	46.117N	17.991E	1.2	Dinnyeberki
15	8:38:54.2	47.963N	19.278E	1.7	Szente
15	9:36:19.9	48.503N	17.505E	2.1	Slovakia
15	10:01:25.6	47.410N	18.696E	1.1	Vál
15	10:08:19.5	47.285N	17.663E	1.2	Homokbődöge
15	11:14:17.0	47.579N	18.534E	1.0	Tarján
15	11:40:03.7	48.711N	18.770E	2.1	Slovakia
15	11:50:49.2	48.705N	18.643E	2.2	Slovakia
15	12:48:33.7	47.305N	16.375E	2.0	Austria
15	13:03:08.6	46.913N	22.806E	1.6	Romania
16	10:05:30.1	48.291N	21.306E	2.1	Sima
16	11:45:49.6	46.624N	22.682E	1.6	Romania
18	9:49:05.8	47.852N	19.233E	1.4	Keszeg
19	9:38:01.9	46.049N	22.597E	1.9	Romania
19	9:53:35.5	48.539N	20.796E	1.8	Bódvalenke
19	10:10:59.7	47.929N	16.065E	1.4	Austria
19	11:00:28.2	48.128N	16.914E	1.7	Austria
19	12:56:34.5	47.862N	16.056E	1.4	Austria
20	8:47:30.3	46.926N	22.805E	1.9	Romania
20	10:28:42.5	48.364N	19.856E	1.9	Slovakia

Hypocenter Parameters**Földrengés paraméterek**

20	13:33:33.5	48.234N	21.242E	1.9	Tállya
21	8:05:49.9	46.044N	22.830E	1.8	Romania
21	8:48:47.2	47.042N	18.046E	1.3	Balatonalmádi
21	9:38:47.7	48.924N	21.337E	1.8	Slovakia
22	7:48:25.0	48.848N	21.807E	1.7	Slovakia
22	8:51:18.6	47.542N	18.539E	1.2	Nagyegyháza
22	9:35:17.1	48.532N	20.753E	2.0	Bódvaszilas
22	10:23:60.0	47.396N	18.568E	1.2	Vértesacsa
22	11:04:57.8	48.723N	22.366E	1.7	Ukraine
22	11:22:04.3	46.104N	18.030E	1.3	Bükkösd
22	12:15:25.5	47.986N	16.614E	1.5	Austria
27	12:20:13.5	47.886N	16.070E	1.1	Austria



3.3. ábra A 2022-ben regisztrált robbantások epicentrumai

Figure 3.3. Epicenters of 2022 explosions

FÉSZEKPARAMÉTEREK ÉS FÁZISADATOK

A listában alkalmazott jelek és rövidítések magyarázata:

- time: Az esemény kipattanásának ideje (óra:perc:másodperc; UTC).
- ML: A rengés Richter-féle lokális magnitúdója.
- lat: Az esemény földrajzi szélessége (fok).
- lon: Az esemény földrajzi hosszúsága (fok).
- h: A fészek mélysége (km).
- erh: Horizontális hiba km-ben. ($erh = \sqrt{SDX^2 + SDY^2}$, ahol SDX és SDY az epicentrum földrajzi szélességének és hosszúságának meghatározási hibái.) Ha $erh = ---$, a kevés rendelkezésre álló adat miatt erh nem volt meghatározható.
- erz: A fészkek mélység 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 epicentrumból 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.)
- *
- A fázis a számításnál nem volt használva

Minden rengésnél, ahol elegendő számú első kitérési adat állt rendelkezésre, megkíséreltük a fészekmechanizmus meghatározását. Az ábrákon az alsó félteke sztereografikus képe látható, „x” jelöli a fő feszültségtengelyek helyzetét. A „●” jelöli a kompressziós, a „○” dilatációs első elmozdulásokat.

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 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.)
*	Phase is excluded from the calculation.

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, „x” denotes the main stress axis. „●” compressional first motion; „○” dilatational first motion. Strike, dip and slip values of the nodal planes are also indicated. Calculations were carried out by computer program FPFIT (Reasenberg and Oppenheimer, 1985). Fault plane solution results are summarized in Fig. 3.3.

Hypocenter Parameters

1.

2022-01-02 time: 18:33:52.15 UTC ML= 2.3
 lat: 46.046N lon: 16.863E h= 9.8 km
 erh= 2.4km erz= 1.9km
 nr= 16 gap=158 rms=0.66
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	47.6	352	Sg	18:34:08.10			0.49
KOGS	65.0	313	Pg	18:34:04.50			0.60
			Sg	34:12.49			-0.57
PTJ	72.0	257	Pg	18:34:04.89			-0.23
			Sg	34:14.53			-0.71
KOVH	95.8	87	Pg	18:34:09.25			-0.10
			Sg	34:21.32			-1.45
PKSV	109.1	99	Pn	18:34:11.85			0.31
			Sn	34:25.02			-1.65
CRES	111.8	257	Pn	18:34:12.44			0.57
			Sn	34:26.91			-0.35
GROS	114.6	294	Sn	18:34:26.59			-1.31
PKSM	138.7	82	Sn	18:34:33.50			0.26
MORH	139.0	82	Pn	18:34:16.07			0.80
			Sn	34:33.65			0.35
PKB4	143.2	70	Sn	18:34:34.69			0.44

2.

2022-01-03 time: 0:28:29.37 UTC ML= 1.6
 lat: 45.832N lon: 17.173E h= 8.2 km
 erh= 5.5km erz= 2.6km
 nr= 11 gap=200 rms=0.70
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOVH	77.3	68	Pg	0:28:44.03			0.79
			Sg	28:53.87			-0.20
KOGS	98.9	314	Sg	0:28:59.69			-1.22
PKSM	121.3	70	Pn	0:28:50.41			-0.06
			Sn	29:06.17			-0.76
MORH	121.6	69	Pn	0:28:50.42			-0.09
			Sn	29:06.11			-0.90
PKB4	132.9	56	Sn	0:29:09.84			0.33
CRES	133.4	270	Sn	0:29:09.08			-0.53
GROS	146.9	298	Sn	0:29:13.69			1.08
PKB5	147.4	55	Sn	0:29:14.00			1.27

3.

2022-01-03 time: 9:36:16.55 UTC ML= 1.5
 lat: 48.591N lon: 20.787E h= 0.0 km
 erh= 4.4km erz= 3.0km
 nr= 7 gap=206 rms=0.66
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	25.3	242	Pg	9:36:21.46			0.39
			Sg	36:25.40			0.81
ABAH	46.8	134	Pg	9:36:25.23			0.31
			Sg	36:31.85			0.41
PSZ	99.9	222	Sg	9:36:47.27			-1.04
TRPA	139.6	112	Sn	9:36:59.04			-1.01
VYHS	144.5	266	Sn	9:37:00.40			-0.74

Földrengés paraméterek

4.

2022-01-04 time: 0:26:27.59 UTC ML= 0.8
 lat: 47.352N lon: 18.163E h= 7.7 km
 erh= 0.9km erz= 0.5km
 nr= 9 gap=212 rms=0.11
 Locality: Nagyveleg
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	7.5	81	PgD	0:26:29.53			0.02
			Sg	26:30.87			-0.13
PKST	14.2	223	PgD	0:26:30.57			0.10
			Sg	26:32.55			-0.17
PKSG	17.8	76	PgD	0:26:31.05			0.00
			Sg	26:33.76			0.01
PKB5	94.8	153	Sg	0:26:58.17			0.35
MORH	131.6	164	Sn	0:27:07.46			-0.10
PKSM	131.9	164	Sn	0:27:07.61			-0.03

5.

2022-01-05 time: 7:29:27.46 UTC ML= 1.7
 lat: 46.000N lon: 22.751E h= 0.0 km
 erh= 1.4km erz= 415km
 nr= 8 gap=139 rms=0.29
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	17.5	138	Pg	7:29:30.35			-0.24
			Sg	29:32.97			-0.06
GZR	67.4	178	Pg	7:29:39.89			0.39
			Sg	29:48.53			-0.36
DRGR	88.1	358	Pg	7:29:43.21			0.02
SIRR	89.4	289	Sg	7:29:55.66			-0.22
BZS	97.9	244	Pg	7:29:45.32			0.38
			Sg	29:58.17			-0.41

6.

2022-01-05 time: 8:35:16.75 UTC ML= 1.7
 lat: 46.042N lon: 22.760E h= 0.0 km
 erh= 1.8km erz= 516km
 nr= 8 gap=150 rms=0.37
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	20.8	148	Pg	8:35:20.71			0.24
GZR	72.1	179	Pg	8:35:29.85			0.23
			Sg	35:39.09			-0.57
DRGR	83.4	357	Pg	8:35:31.66			0.01
			Sg	35:42.40			-0.87
SIRR	88.7	286	Sg	8:35:45.61			0.68
BZS	100.7	242	Pg	8:35:34.67			-0.05
			Sg	35:48.43			-0.31

7.

2022-01-05 time: 14:17:26.10 UTC ML= 1.4
 lat: 46.017N lon: 18.473E h= 0.0 km
 erh= 2.8km erz= 3.7km
 nr= 17 gap=199 rms=0.75
 Locality: Monyoród
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	22.3	230	Pg	14:17:29.82			-0.26
			Sg	17:32.87			-0.32
PKSM	25.3	31	Pg	14:17:30.02			-0.60
			Sg	17:33.98			-0.16
MORH	25.8	31	Pg	14:17:30.02			-0.69
			Sg	17:33.95			-0.35

Földrengés paraméterek

KOVH	30.0	285	Pg	14:17:31.44	-0.02
			Sg	17:35.47	-0.16
PKB4	54.3	11	Pg	14:17:35.56	-0.23
			Sg	17:44.76	1.41
PKS9	65.1	347	Pg	14:17:39.20	1.46
			Sg	17:46.58	-0.23
PKB5	67.4	17	Pg	14:17:39.49	1.35
PKB1	88.8	16	Pg	14:17:42.18	0.22
			Sg	17:54.20	-0.13
PKST	142.1	346	Sn	14:18:09.23	-0.94
PKSG	153.0	358	Sn	14:18:10.75	-1.83

8.

2022-01-06 time: 23:26:12.28 UTC ML= 2.2
lat: 45.730N lon: 21.690E h= 0.1 km
erh= 1.7km erz= 2.3km
nr= 19 gap= 91 rms=0.72

Locality: Romania

Comments:

sta	dist	azm	phase	hr mn	sec	res
BZS	13.8	204	Pg	23:26:14.76	0.01	
			Sg	26:16.42	-0.26	
BANR	58.0	228	Pg	23:26:22.61	-0.04	
			Sg	26:29.97	-0.76	
SIRR	59.8	358	Pg	23:26:23.47	0.51	
			Sg	26:30.88	-0.41	
GZR	92.7	114	Pg	23:26:29.11	0.27	
			Sg	26:40.00	-1.75	
DEV	95.8	80	Pg	23:26:29.67	0.27	
AMBH	101.6	313	Pg	23:26:30.32	-0.11	
			Sg	26:44.26	-0.32	
DRGR	141.9	34	Pn	23:26:37.02	0.03	
			Sn	26:53.90	-2.36	
FRGS	161.3	246	Sn	23:27:00.61	0.04	
CJR	183.4	53	Pn	23:26:44.83	2.67	
			Sn	27:08.15	2.68	
LTVH	184.7	5	Sn	23:27:05.83	0.07	
PKS6	190.5	300	Sn	23:27:07.72	0.66	
PKB2	216.2	299	Sn	23:27:12.95	0.20	

9.

2022-01-07 time: 5:04:05.12 UTC ML= 1.4
lat: 45.731N lon: 21.612E h= 10.0 km
erh= 4.8km erz= 8.3km
nr= 6 gap=185 rms=0.62

Locality: Romania

Comments:

sta	dist	azm	phase	hr mn	sec	res
BZS	12.7	178	Pg	5:04:08.03	0.03	
			Sg	04:10.09	-0.16	
SIRR	59.8	4	Pg	5:04:16.21	0.27	
			Sg	04:23.24	-1.15	
GZR	98.4	112	Pg	5:04:23.54	0.76	
			Sg	04:35.52	-1.03	

10.

2022-01-07 time: 9:13:59.14 UTC ML= 1.6
lat: 46.133N lon: 18.008E h= 0.0 km
erh= 1.7km erz= 352km
nr= 14 gap=255 rms=0.30

Locality: Hetvethely

Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
KOVH	8.7	125	Pg	9:14:00.60	-0.09	
			Sg	14:02.14	0.24	
PKSV	33.1	145	Pg	9:14:05.13	0.08	
			Sg	14:09.67	0.00	
PKSM	49.7	80	Pg	9:14:07.95	-0.07	
			Sg	14:14.10	-0.84	

Hypocenter Parameters

MORH	50.0	79	Pg	9:14:07.95	-0.12
			Sg	14:14.72	-0.31
PKB4	61.2	49	Pg	9:14:10.17	0.11
			Sg	14:18.89	0.31
PKB5	76.0	47	Pg	9:14:13.24	0.53
			Sg	14:23.83	0.53
PKB1	94.2	40	Pg	9:14:15.63	-0.33
			Sg	14:28.66	-0.42

11.

2022-01-07 time: 10:34:23.96 UTC ML= 1.6
lat: 48.598N lon: 20.767E h= 0.0 km
erh= 1.6km erz= 2.6km
nr= 10 gap=116 rms=0.53
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
KECS	24.4	238	Pg	10:34:28.81	0.49	
			Sg	34:31.82	0.10	
ABAH	48.5	134	Pg	10:34:32.93	0.31	
			Sg	34:39.56	0.18	
STHS	97.4	21	Sg	10:34:55.32	0.39	
PSZ	99.6	221	Pg	10:34:41.87	0.13	
			Sg	34:54.92	-0.69	
KOLS	116.8	71	Sg	10:35:00.24	-0.85	
TRPA	141.3	112	Sn	10:35:06.07	-1.76	
VYHS	143.0	265	Sn	10:35:07.47	-0.76	

12.

2022-01-07 time: 10:59:29.76 UTC ML= 1.8
lat: 47.868N lon: 20.171E h= 0.0 km
erh= 4.2km erz= 792km
nr= 8 gap=204 rms=0.60
Locality: Tarnaszentmária
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PSZ	21.4	285	Pg	10:59:34.10	0.51	
			Sg	59:37.11	0.53	
PENC	67.2	263	Sg	10:59:50.36	-0.75	
KECS	72.3	19	Sg	10:59:52.89	0.14	
ABAH	92.8	59	Pg	10:59:46.86	0.53	
			Sg	59:58.96	-0.28	
VYHS	121.3	305	Pg	10:59:50.93	-0.49	
			Sg	11:00:06.79	-1.52	

13.

2022-01-08 time: 16:02:18.82 UTC ML= 1.8
lat: 46.499N lon: 16.149E h= 4.6 km
erh= 3.2km erz= 9.7km
nr= 10 gap=124 rms=0.69
Locality: Slovenia
Comments:

sta	dist	azm	phase	hr mn	sec	res
KOGS	9.6	126	Pg	16:02:20.60	-0.13	
			Sg	02:21.96	-0.25	
BEHE	48.2	94	Pg	16:02:27.33	-0.14	
			Sg	02:33.51	-0.71	
GOLS	67.7	217	iPg	16:02:31.33	0.40	
			iSg	02:39.61	-0.77	
PTJ	68.2	192	Pg	16:02:32.55	1.52	
CRES	92.0	216	Pg	16:02:35.56	0.30	
			Sg	02:46.71	-1.38	
ARSA	96.2	330	Sg	16:02:49.42	-0.01	

Hypocenter Parameters

14.

2022-01-08 time: 16:08:07.76 UTC ML= 2.2
 lat: 46.458N lon: 16.187E h= 11.0 km
 erh= 1.3km erz= 1.0km
 nr= 51 gap= 85 rms=0.68
 Locality: Slovenia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOGS	5.0	102	Pg	16:08:10.12		0.20	
			Sg	08:11.02		-0.58	
BEHE	45.3	88	Pg	16:08:16.36		0.28	
			Sg	08:22.52		-0.05	
GROS	52.6	270	iPg	16:08:17.64		0.28	
PTJ	64.5	196	Pg	16:08:19.86		0.42	
			Sg	08:28.30		-0.25	
DOBS	65.0	238	iPg	16:08:19.89		0.35	
			iSg	08:28.63		-0.10	
GOLS	65.9	221	iPgC	16:08:20.41		0.71	
			iSg	08:28.84		-0.18	
CESS	77.6	226	iPg	16:08:22.39		0.64	
			iSg	08:32.03		-0.64	
GCIS	78.6	213	iPg	16:08:22.08		0.15	
			iSg	08:32.29		-0.70	
PERS	84.4	284	iPg	16:08:22.56		-0.41	
LEGS	87.7	230	iPg	16:08:24.00		0.44	
			eSg	08:34.67		-1.20	
ZAVS	89.3	268	iPg	16:08:23.57		-0.27	
			iSg	08:35.26		-1.11	
CRES	90.1	219	Pg	16:08:24.60		0.63	
			Sg	08:35.50		-1.11	
SOKA	91.8	285	Pg	16:08:23.57		-0.70	
			Sg	08:34.85		-2.30	
ARSA	101.6	330	P*	16:08:25.10		-0.84	
			S*	08:37.66		-2.46	
PDKS	101.7	244	iP*	16:08:25.83		-0.12	
			iS*	08:39.46		-0.68	
VNDS	121.1	251	iPn	16:08:29.11		0.61	
			eSn	08:44.55		-0.12	
OBKA	125.9	273	Pn	16:08:29.63		0.54	
			Sn	08:44.73		-1.00	
VISS	127.0	235	iPn	16:08:29.98		0.75	
			iSn	08:45.41		-0.56	
BOJS	128.4	214	iPn	16:08:29.94		0.54	
MOZS	135.4	262	iPn	16:08:30.59		0.32	
			iSn	08:47.26		-0.57	
RONA	138.3	3	Pn	16:08:31.21		0.57	
			Sn	08:47.59		-0.89	
GBAS	146.7	247	ePn	16:08:32.93		1.25	
GBRS	148.3	226	iPn	16:08:32.68		0.80	
KOVH	153.1	106	Pn	16:08:31.52		-0.96	
			Sn	08:51.38		-0.38	
CRNS	154.2	254	iPn	16:08:33.63		1.01	
			iSn	08:53.77		1.76	
PKSV	171.6	112	Pn	16:08:33.57		-1.22	
			Sn	08:53.23		-2.64	
WINA	183.6	357	Pn	16:08:36.89		0.61	
			Sn	08:58.89		0.36	
MOA	212.5	317	Pn	16:08:40.31		0.42	
			Sn	09:04.66		-0.29	

15.

2022-01-09 time: 5:42:02.88 UTC ML= 2.3
 lat: 46.050N lon: 16.840E h= 13.7 km
 erh= 2.3km erz= 2.1km
 nr= 31 gap= 80 rms=0.89
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	47.0	354	Pg	5:42:12.66		1.04	
			Sg	42:18.38		-0.06	
KOGS	63.5	314	Pg	5:42:14.06		-0.42	

Földrengés paraméterek

				Sg	42:22.46	-1.06			
ZAG	70.1	249	Pg	5:42:16.50	0.87				
			Sg	42:27.26	1.68				
PTJ	70.4	256	Pg	5:42:14.53	-1.16				
			Sg	42:23.87	-1.80				
KOVH	97.6	87	P*	5:42:19.31	-0.88				
			S*	42:30.75	-2.93				
CRES	110.1	257	Pn	5:42:21.65	-0.24				
			Sn	42:36.24	-0.48				
PKSV	110.9	99	Sn	5:42:34.74	-2.15				
			GROS	112.9	294	Pn	5:42:21.88	-0.35	
						Sn	42:35.71	-1.62	
TIH	124.4	41	Pn	5:42:23.64	-0.03				
			PKS9	125.9	62	Pn	5:42:24.10	0.24	
MPLH	135.6	23	Pn	5:42:25.04	-0.02				
			Sn	42:39.59	-0.62				
PKSM	140.4	83	Pn	5:42:26.11	0.45				
			Sn	42:43.75	0.32				
MORH	140.6	82	Pn	5:42:25.88	0.18				
			Sn	42:43.48	-0.01				
PKB4	144.7	70	Pn	5:42:27.02	0.81				
			Sn	42:44.88	0.48				
BLY	147.1	169	Pn	5:42:26.44	-0.06				
			Sn	42:46.14	1.21				
PERS	147.8	296	Pn	5:42:28.05	1.46				
			Sn	42:46.56	1.48				
PKB5	158.1	67	Sn	5:42:48.45	1.09				

2022-01-09 time: 12:35:46.05 UTC ML= 2.4
 lat: 45.794N lon: 16.922E h= 8.1 km
 erh= 2.2km erz= 1.8km
 nr= 35 gap=102 rms=0.91
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res		
ZAG	72.2	273	Pg	12:35:59.25		0.23			
			Sg	36:08.84		-0.30			
PTJ	75.8	279	Pg	12:35:59.65		-0.01			
			Sg	36:08.71		-1.56			
BEHE	76.0	351	Pg	12:36:00.86		1.16			
			Sg	36:11.04		0.70			
KOGS	89.3	324	Pg	12:36:01.33		-0.73			
			Sg	36:14.09		-0.47			
KOVH	97.0	70	Pg	12:36:03.35		-0.09			
			Sg	36:15.25		-1.75			
PKSV	103.9	84	Pg	12:36:04.39		-0.27			
			Sg	36:16.63		-2.54			
CRES	113.9	272	Pn	12:36:06.47		0.22			
			Sn	36:20.51		-1.49			
BLY	118.0	170	Pn	12:36:07.98		1.23			
			Sn	36:22.47		-0.43			
GROS	132.4	304	Pn	12:36:08.10		-0.46			
			Sn	36:24.40		-1.71			
PKS9	136.9	50	Pn	12:36:10.24		1.13			
			PKSM	141.1	71	Pn	12:36:08.75	-0.88	
						Sn	36:27.87	-0.16	
MORH	141.4	71	Pn	12:36:08.60		-1.08			
			Sn	36:27.81		-0.30			
PKB4	151.6	59	Pn	12:36:12.47		1.52			
			Sn	36:31.05		0.68			
PERS	167.8	304	Pn	12:36:13.81		0.85			
			Sn	36:34.75		0.79			
SOKA	175.7	304	Pn	12:36:15.00		1.04			
			Sn	36:36.47		0.74			
PKB1	181.4	53	Pn	12:36:15.83		1.17			
ARSA	194.2	326	Pn	12:36:15.98		-0.28			
OBKA	199.8	293	Pn	12:36:17.12		0.16			
			Sn	36:39.60		-1.47			
RONA	217.2	347	Pn	12:36:19.03		-0.09			
CONA	250.7	341	Pn	12:36:23.22		-0.08			

Földrengés paraméterek

17.

2022-01-10 time: 6:27:30.87 UTC ML= 1.3
 lat: 47.998N lon: 16.091E h= 0.0 km
 erh= 2.1km erz= 594km
 nr= 7 gap=144 rms=0.40
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	18.8	246	Pg	6:27:34.41			0.18
			Sg	27:37.28			0.44
RONA	36.5	155	Pg	6:27:37.72			0.32
			Sg	27:42.29			-0.20
ARSA	93.4	207	Sg	6:27:59.56			-1.00
KRUC	120.4	11	Pg	6:27:52.34			-0.04
			Sg	28:08.56			-0.59

18.

2022-01-10 time: 8:02:08.60 UTC ML= 1.5
 lat: 48.067N lon: 20.714E h= 0.0 km
 erh= 1.6km erz= 337km
 nr= 6 gap=198 rms=0.19
 Locality: Miskolctapolca
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	46.6	57	Pg	8:02:16.71			-0.22
			Sg	02:23.64			0.21
KECS	49.3	340	Pg	8:02:17.51			0.11
			Sg	02:24.14			-0.12
PSZ	63.4	255	Pg	8:02:20.12			0.20
			Sg	02:28.46			-0.28

19.

2022-01-10 time: 9:00:27.79 UTC ML= 1.6
 lat: 47.319N lon: 18.453E h= 0.0 km
 erh= 1.0km erz= 2.3km
 nr= 13 gap=115 rms=0.37
 Locality: Pátka
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	9.3	330	PgU	9:00:29.60			0.14
			Sg	00:30.20			-0.56
CSKK	15.3	289	Pg	9:00:30.90			0.37
			Sg	00:32.41			-0.26
PKST	32.4	258	Pg	9:00:33.90			0.33
			Sg	00:38.04			-0.04
MPLH	71.1	257	Sg	9:00:49.63			-0.77
PENC	81.4	50	Sg	9:00:53.85			0.17
MORH	123.5	173	Sg	9:01:06.85			-0.21
PKSM	124.0	173	Sg	9:01:07.10			-0.09
PSZ	127.2	58	Sg	9:01:08.16			-0.06
VYHS	133.7	12	Sn	9:01:08.46			-1.53
KOVH	139.5	191	Sn	9:01:11.62			0.35

20.

2022-01-10 time: 10:45:33.90 UTC ML= 1.8
 lat: 48.630N lon: 20.780E h= 0.0 km
 erh= 2.7km erz= 3.6km
 nr= 12 gap=132 rms=0.76
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	27.2	233	Pg	10:45:39.26			0.51
			Sg	45:42.28			-0.25
ABAH	50.3	138	Pg	10:45:43.38			0.50
			Sg	45:49.91			0.02
PSZ	102.9	220	Pg	10:45:52.57			0.31

Hypocenter Parameters

		Sg	46:05:27	-1.32	
LANS	112.3	301	Pg	10:45:54.48	0.53
			Sg	46:08.79	-0.81
KOLS	114.8	73	Sg	10:46:08.94	-1.45
TRPA	141.7	113	Sn	10:46:16.27	-1.59
VYHS	144.3	264	Pn	10:45:59.80	0.88
			Sn	46:17.57	-0.87

21.

2022-01-10 time: 12:20:03.32 UTC ML= 1.8
 lat: 48.453N lon: 17.192E h= 0.0 km
 erh= 1.8km erz= 4.4km
 nr= 13 gap= 80 rms=0.58
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	10.9	145	PgU	12:20:04.52			-0.74
			Sg	20:06.73			-0.04
SMOL	18.7	69	Pg	12:20:06.74			0.08
			Sg	20:10.05			0.78
KRUC	89.5	319	Pg	12:20:19.29			-0.02
			Sg	20:30.74			-1.04
RONA	107.1	219	Pg	12:20:23.12			0.67
			Sg	20:37.08			-0.30
CONA	114.9	239	Pg	12:20:24.31			0.48
			Sg	20:39.37			-0.47
VYHS	121.6	88	Pg	12:20:25.72			0.68
			Sg	20:40.88			-1.10
MORC	149.4	10	Sn	12:20:48.71			-0.29

22.

2022-01-11 time: 9:08:49.88 UTC ML= 1.7
 lat: 47.340N lon: 18.442E h= 0.0 km
 erh= 1.8km erz= 2.8km
 nr= 13 gap=113 rms=0.58
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	6.9	326	PgU	9:08:51.32			0.20
			Sg	08:51.82			-0.27
CSKK	14.0	281	Pg	9:08:52.78			0.41
			Sg	08:54.38			0.06
PKST	32.1	254	Pg	9:08:55.79			0.17
			Sg	08:59.33			-0.77
PKB4	94.6	173	Sg	9:09:21.47			1.52
MORH	125.9	173	Sg	9:09:29.25			-0.66
PKSM	126.3	173	Sg	9:09:29.15			-0.89
PSZ	126.7	60	Sg	9:09:30.01			-0.13
VYHS	131.6	13	Pn	9:09:13.74			0.42
			Sn	09:29.96			-1.65
KOVH	141.6	191	Sn	9:09:33.62			-0.20

23.

2022-01-11 time: 10:31:49.87 UTC ML= 1.6
 lat: 48.582N lon: 20.739E h= 0.0 km
 erh= 1.9km erz= 4.0km
 nr= 13 gap= 90 rms=0.63
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	21.7	240	Pg	10:31:54.16			0.41
			Sg	31:56.97			0.20
ABAH	48.8	131	Pg	10:31:58.88			0.30
			Sg	32:05.25			-0.13
PSZ	96.9	220	Sg	10:32:19.31			-1.35
NIE	98.1	341	Pg	10:32:07.92			0.53
			Sg	32:20.77			-0.29
STHS	99.9	22	Pg	10:32:07.76			0.05
			Sg	32:20.47			-1.15

Hypocenter Parameters

KOLS	119.3	71	Pg	10:32:11.88	0.70
			Sg	32:26.64	-1.17
VYHS	140.9	266	Pn	10:32:14.64	0.17
			Sn	32:32.27	-1.39

24.

2022-01-11 time: 11:11:06.86 UTC ML= 1.3
 lat: 48.486N lon: 19.555E h= 0.0 km
 erh= 3.6km erz= ***km
 nr= 7 gap=113 rms=0.75
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	53.1	271	Pg	11:11:16.63	0.28
			Sg	11:23.26	-0.49
PSZ	67.9	158	Pg	11:11:19.94	0.95
			Sg	11:27.48	-0.98
KECS	68.8	90	Pg	11:11:19.64	0.49
			Sg	11:27.68	-1.06
LANS	74.2	355	Sg	11:11:29.48	-0.98

25.

2022-01-11 time: 11:12:34.85 UTC ML= 1.9
 lat: 48.477N lon: 19.562E h= 0.0 km
 erh= 2.2km erz= 700km
 nr= 8 gap=114 rms=0.50
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	53.7	272	Pg	11:12:44.77	0.33
			Sg	12:51.45	-0.47
PSZ	66.8	158	Pg	11:12:47.07	0.28
			Sg	12:55.50	-0.60
KECS	68.3	89	Pg	11:12:47.27	0.23
			Sg	12:55.70	-0.85
LANS	75.2	355	Pg	11:12:48.77	0.49
			Sg	12:57.81	-0.95

26.

2022-01-12 time: 9:19:30.09 UTC ML= 1.7
 lat: 46.883N lon: 17.397E h= 0.0 km
 erh= 3.6km erz= ***km
 nr= 10 gap=138 rms=1.01
 Locality: Tapolca
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	33.7	19	Pg	9:19:36.14	0.03
			Sg	19:40.41	-0.39
PKST	64.0	49	Pg	9:19:41.72	0.21
			Sg	19:50.30	-0.12
KOGS	100.2	241	Sg	9:20:01.65	-0.28
KOVH	103.5	149	Pg	9:19:50.80	2.23
			Sg	20:03.06	0.07
MORH	121.0	128	Sg	9:20:06.77	-1.79
PKSM	121.2	128	Sg	9:20:07.72	-0.88
PKSV	128.7	149	Sg	9:20:09.83	-1.15

27.

2022-01-12 time: 11:06:40.37 UTC ML= 1.9
 lat: 46.823N lon: 17.430E h= 0.0 km
 erh= 2.6km erz= 625km
 nr= 13 gap=224 rms=0.52
 Locality: Hegymagas
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
TIH	36.4	76	Pg	11:06:47.60	0.73

Földrengés paraméterek

MPLH	39.5	12	Pg	11:06:47.80	0.37
			Sg	06:52.46	-0.48
PKST	66.8	43	Pg	11:06:52.16	-0.15
			Sg	07:00.66	-0.95
CSKK	87.1	46	Sg	11:07:08.29	0.22
KOVH	96.5	148	Sg	11:07:10.40	-0.65
PKSG	96.6	49	Sg	11:07:10.70	-0.37
PKB4	96.9	112	Sg	11:07:11.84	0.66
PKB5	103.0	104	Sg	11:07:13.45	0.33
PKB1	104.1	92	Sg	11:07:13.81	0.35
MORH	115.0	126	Sg	11:07:16.32	-0.62
PKSM	115.1	126	Sg	11:07:16.42	-0.55

28.

2022-01-12	time:	13:23:59.23	UTC	ML= 1.6
lat:	47.857N	lon:	19.126E	h= 0.0 km
				erh= 1.8km erz= 596km
nr=	8	gap=	109	rms=0.43
Locality:	Szendehegy			
Comments:	probably explosion			

sta	dist	azm	phase	hr mn sec	res
PENC	13.8	122	Pg	13:24:01.90	0.21
			Sg	24:03.36	-0.26
PSZ	57.9	83	Pg	13:24:09.84	0.27
			Sg	24:17.82	0.19
A338	60.4	287	Sg	13:24:18.77	0.33
VYHS	74.1	343	Sg	13:24:22.79	0.02
PKST	105.7	231	Sg	13:24:32.08	-0.75
KECS	122.8	55	Sg	13:24:36.85	-1.41

29.

2022-01-12	time:	13:28:18.95	UTC	ML= 1.5
lat:	47.875N	lon:	19.146E	h= 0.0 km
				erh= 2.6km erz= 913km
nr=	8	gap=	98	rms=0.65
Locality:	Nóttincs			
Comments:	probably explosion			

sta	dist	azm	phase	hr mn sec	res
PENC	13.9	133	Pg	13:28:21.70	0.28
			Sg	28:23.16	-0.19
PSZ	56.2	85	Pg	13:28:29.58	0.60
			Sg	28:36.66	-0.14
A338	61.3	285	Sg	13:28:38.87	0.44
VYHS	72.6	341	Sg	13:28:42.09	0.08
PKST	108.2	231	Sg	13:28:52.18	-1.14
KECS	120.4	56	Sg	13:28:55.39	-1.82

30.

2022-01-13	time:	8:09:37.85	UTC	ML= 1.5
lat:	47.329N	lon:	18.444E	h= 0.0 km
				erh= 1.6km erz= 2.2km
nr=	10	gap=	160	rms=0.32
Locality:	Zámoly			
Comments:	probably explosion			

sta	dist	azm	phase	hr mn sec	res
PKSG	8.1	330	PgU	8:09:39.42	0.13
			Sg	09:39.81	-0.61
CSKK	14.4	285	PgU	8:09:40.58	0.16
			Sg	09:42.61	0.19
PKST	31.9	256	Pg	8:09:43.72	0.16
			Sg	09:47.41	-0.59
MORH	124.7	173	Sg	8:10:17.58	0.09
PKSM	125.1	173	Sg	8:10:17.67	0.05
VYHS	132.8	13	Sn	8:10:17.84	-2.01
KOVH	140.4	191	Sn	8:10:21.66	0.13

Földrengés paraméterek

Hypocenter Parameters

31.

2022-01-13 time: 11:15:39.22 UTC ML= 0.9
 lat: 47.570N lon: 18.486E h= 0.0 km
 erh= 6.8km erz= 5.1km
 nr= 8 gap=161 rms=0.70
 Locality: Tatabánya
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	21.0	200	Pg	11:15:43	53	0.55	
			Sg	15:45	84	-0.07	
CSKK	28.6	216	Pg	11:15:44	93	0.61	
			Sg	15:48	85	0.55	
PKST	48.5	225	Sg	11:15:53	20	-1.44	
VYHS	106.0	14	Sg	11:16:12	43	-0.50	
MORH	151.0	175	Sn	11:16:24	78	-0.48	
PKSM	151.4	176	Sn	11:16:24	28	-1.07	

32.

2022-01-13 time: 12:44:23.10 UTC ML= 2.1
 lat: 48.857N lon: 21.628E h= 0.0 km
 erh= 1.3km erz= 1.8km
 nr= 17 gap=104 rms=0.60
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOLS	48.0	80	Pg	12:44:31	93	0.25	
			Sg	44:38	15	-0.22	
STHS	68.3	336	Pg	12:44:35	34	0.04	
			Sg	44:44	38	-0.43	
ABAH	68.6	205	Pg	12:44:34	94	-0.41	
			Sg	44:43	98	-0.93	
KECS	93.9	244	Pg	12:44:39	96	0.10	
			Sg	44:50	91	-2.02	
TRPA	105.1	140	Pg	12:44:41	67	-0.20	
			Sg	44:56	03	-0.49	
NIE	114.5	303	Pg	12:44:44	18	0.63	
			Sg	44:58	14	-1.36	
LANS	161.4	282	Pn	12:44:50	41	0.15	
			Sn	45:12	50	1.06	
LTVH	164.9	173	Sn	12:45:13	30	1.08	
PSZ	165.5	231	Pn	12:44:51	61	0.85	
			Sn	45:12	80	0.46	

33.

2022-01-13 time: 14:15:32.88 UTC ML= 1.3
 lat: 47.866N lon: 16.050E h= 0.0 km
 erh= 1.6km erz= 2.6km
 nr= 7 gap=124 rms=0.63
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	15.7	296	Pg	14:15:35	94	0.26	
			Sg	15:38	66	0.80	
RONA	26.2	135	Pg	14:15:37	85	0.30	
			Sg	15:41	87	0.68	
ARSA	79.1	210	Sg	14:15:57	33	-0.69	
KRUC	135.4	11	Pn	14:15:56	37	-0.42	
			Sn	16:13	90	-1.55	

34.

2022-01-13 time: 14:19:05.01 UTC ML= 1.3
 lat: 47.881N lon: 16.041E h= 0.0 km
 erh= 0.8km erz= 1.3km
 nr= 8 gap=108 rms=0.56
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	14.4	291	Pg	14:19:08	20	0.61	
			Sg	19:10	21	0.62	
RONA	27.8	137	Pg	14:19:10	01	0.04	
			Sg	19:13	83	-0.01	
SOP	44.6	120	Sg	14:19:19	55	0.38	
ARSA	80.2	209	Sg	14:19:30	00	-0.51	
KRUC	133.9	11	Pn	14:19:28	29	-0.45	
			Sn	19:45	56	-1.68	

35.

2022-01-14 time: 9:04:32.09 UTC ML= 1.1
 lat: 47.787N lon: 16.225E h= 13.2 km
 erh= 2.5km erz= 2.3km
 nr= 9 gap=110 rms=0.45
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	11.1	151	Pg	9:04:35	27	0.10	
			Sg	04:37	21	-0.37	
SOP	27.6	115	Pg	9:04:37	91	0.37	
			Sg	04:41	05	-0.75	
CONA	31.4	300	Pg	9:04:38	42	0.25	
			Sg	04:42	36	-0.55	
ARSA	79.7	222	Sg	9:04:57	69	-0.07	
KRUC	142.3	5	Pn	9:04:55	67	0.50	
			Sn	05:11	88	-1.30	

36.

2022-01-14 time: 10:05:25.01 UTC ML= 1.9
 lat: 48.595N lon: 20.767E h= 0.0 km
 erh= 1.3km erz= 2.2km
 nr= 15 gap= 87 rms=0.53
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	24.2	239	Pg	10:05:29	61	0.27	
			Sg	05:32	67	-0.04	
ABAH	48.3	134	Pg	10:05:33	73	0.10	
			Sg	05:40	25	-0.10	
NIE	97.4	340	Pg	10:05:42	82	0.41	
			Sg	05:54	82	-1.16	
STHS	97.8	21	Pg	10:05:42	82	0.35	
			Sg	05:55	97	-0.12	
PSZ	99.3	221	Pg	10:05:43	42	0.67	
			Sg	05:55	62	-0.96	
KOLS	116.9	71	Sg	10:06:01	74	-0.44	
TRPA	141.1	111	Pn	10:05:49	74	0.10	
			Sn	06:07	57	-1.28	
VYHS	143.0	265	Pn	10:05:50	00	0.12	
			Sn	06:07	92	-1.36	

37.

2022-01-14 time: 10:51:38.07 UTC ML= 1.9
 lat: 47.762N lon: 19.042E h= 0.0 km
 erh= 3.6km erz= 5.8km
 nr= 8 gap=119 rms=0.98
 Locality: Dunabogdány
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	18.3	80	Pg	10:51:42	38	1.04	
			Sg	51:44	77	0.88	
BUD	31.0	182	Sg	10:51:48	49	0.58	
PKSG	64.0	230	Sg	10:51:57	50	-0.90	
PSZ	66.2	75	Pg	10:51:50	41	0.52	
			Sg	51:57	50	-1.61	
VYHS	82.8	349	Sg	10:52:03	50	-0.90	
KECS	134.1	53	Sn	10:52:19	02	-1.35	

Hypocenter Parameters

38.

2022-01-14 time: 11:11:30.71 UTC ML= 1.8
 lat: 47.871N lon: 20.153E h= 0.0 km
 erh= 2.4km erz= 4.7km
 nr= 10 gap=113 rms=0.72
 Locality: Tarnaszentmária
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	20.0	285	Pg	11:11:34.61			0.33
			Sg	11:37.67			0.60
BSZH	64.1	172	Sg	11:11:50.52			-0.58
PENC	65.8	262	Sg	11:11:51.38			-0.25
KECS	72.4	20	Pg	11:11:44.30			0.66
			Sg	11:53.23			-0.50
ABAH	93.8	60	Pg	11:11:48.21			0.76
			Sg	12:00.06			-0.45
VYHS	119.9	305	Sg	11:12:07.19			-1.63
PKSG	142.7	248	Sn	11:12:13.77			-1.14

39.

2022-01-14 time: 23:03:06.30 UTC ML= 2.8
 lat: 47.697N lon: 16.041E h= 6.1 km
 erh= 2.0km erz= 1.7km
 nr= 43 gap= 81 rms=1.07
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	19.2	89	PgD	23:03:10.20			0.31
			Sg	03:12.62			-0.06
CONA	29.0	332	PgU	23:03:12.07			0.48
			Sg	03:16.53			0.81
SOP	38.9	92	PgD	23:03:13.31			-0.01
			Sg	03:17.78			-1.02
ARSA	63.2	218	PgD	23:03:17.30			-0.33
			Sg	03:24.54			-1.92
EGYH	102.0	108	Pg	23:03:24.74			0.20
			Sg	03:36.88			-1.90
MODS	119.0	51	Pn	23:03:26.42			-0.97
			Sn	03:41.75			-2.10
MPLH	127.3	117	Pn	23:03:28.22			-0.21
			Sn	03:45.26			-0.44
SOKA	136.7	214	Pn	23:03:28.88			-0.72
			Sn	03:46.16			-1.61
PERS	137.2	211	Pn	23:03:29.03			-0.64
			Sn	03:46.80			-1.09
SMOL	137.6	49	Pn	23:03:29.72			0.01
			Sn	03:47.30			-0.68
KOGS	139.7	173	Pn	23:03:29.87			-0.11
			Sn	03:48.72			0.27
GROS	143.4	197	Pn	23:03:29.91			-0.52
BEHE	147.3	158	Pn	23:03:32.96			2.03
			Sn	03:50.65			0.51
KRUC	154.0	10	Pn	23:03:32.03			0.27
			Sn	03:49.92			-1.70
PKST	157.9	108	Pn	23:03:32.42			0.17
			Sn	03:53.72			1.23
CSKK	171.2	103	Sn	23:03:55.92			0.48
PKSG	180.1	101	Pn	23:03:35.40			0.39
			Sn	03:57.97			0.56
PTJ	199.9	182	Pn	23:03:41.41			3.93
			Sn	04:05.78			3.98
PKS9	209.9	126	Pn	23:03:42.44			3.72
CRES	212.7	192	Pn	23:03:40.72			1.64
KBA	214.9	251	Pn	23:03:40.59			1.24
VYHS	226.3	67	Pn	23:03:44.51			3.74
MORC	256.3	26	Pn	23:03:45.15			0.63
			Sn	04:14.76			0.43
PKSV	262.5	140	Sn	23:04:18.60			2.90
KRLC	270.0	12	Pn	23:03:47.76			1.54
			Sn	04:16.74			-0.63

Földrengés paraméterek

40.

2022-01-15 time: 2:07:35.30 UTC ML= 1.9
 lat: 46.448N lon: 16.234E h= 11.4 km
 erh= 7.7km erz= 4.1km
 nr= 9 gap=120 rms=0.82
 Locality: Slovenia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOGS	1.3	89	Pg	2:07:36.90			-0.46
			Sg	07:38.00			-0.96
PTJ	64.5	199	Pg	2:07:48.88			1.88
			Sg	07:55.38			-0.75
GOLS	67.6	224	iPg	2:07:47.77			0.22
CRES	91.6	221	Pg	2:07:52.02			0.24
			Sg	08:03.51			-1.12
ARSA	104.4	329	P*	2:07:54.13			0.27
			S*	08:07.76			-0.57

41.

2022-01-15 time: 2:40:24.20 UTC ML= 1.5
 lat: 46.461N lon: 16.241E h= 11.8 km
 erh=11.3km erz= 6.2km
 nr= 6 gap=186 rms=1.01
 Locality: Slovenia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOGS	1.6	154	Pg	2:40:26.05			-0.27
			Sg	40:27.12			-0.86
PTJ	66.1	199	Pg	2:40:38.02			1.84
			Sg	40:44.87			-0.66
CRES	93.0	221	Sg	2:40:53.31			-0.70
ARSA	103.5	328	S*	2:40:56.42			-0.49

42.

2022-01-15 time: 9:52:53.48 UTC ML= 1.1
 lat: 46.183N lon: 18.290E h= 0.0 km
 erh= 1.1km erz= 3.0km
 nr= 16 gap=102 rms=0.48
 Locality: Zobákpuszta
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	18.1	234	Pg	9:52:56.68			-0.03
			Sg	52:59.49			0.26
PKSM	27.3	83	Pg	9:52:58.63			0.28
			Sg	53:02.20			0.05
MORH	27.6	82	Pg	9:52:58.63			0.23
			Sg	53:01.60			-0.64
PKSV	32.9	185	Pg	9:52:59.41			0.06
			Sg	53:03.71			-0.22
PKB4	42.4	35	Sg	9:53:07.64			0.69
PKS9	44.9	359	Sg	9:53:08.75			0.99
PKB1	77.2	30	Sg	9:53:18.69			0.69
PKS2	78.9	64	Sg	9:53:18.44			-0.12
PKB2	91.3	53	Sg	9:53:21.85			-0.64
PKT	121.2	351	Sg	9:53:31.34			-0.66
MPLH	123.9	332	Sg	9:53:31.94			-0.91
PKSG	134.6	3	Sn	9:53:35.06			-0.81

43.

2022-01-15 time: 19:21:55.03 UTC ML= 0.9
 lat: 47.813N lon: 16.233E h= 11.8 km
 erh= 2.1km erz= 1.9km
 nr= 13 gap=116 rms=0.54
 Locality: Austria
 Comments:

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
RONA	13.4	159	PgD	19:21:58.54			0.31
			Sg	22:00.38			-0.35
SOP	28.3	121	Pg	19:22:00.80			0.29
			Sg	22:04.46			-0.33
CONA	30.6	295	Pg	19:22:01.12			0.22
			Sg	22:06.57			1.10
WINA	34.9	340	Pg	19:22:01.09			-0.52
			Sg	22:06.08			-0.66
ARSA	82.3	221	Sg	19:22:20.74			-0.71
ABNA	112.4	328	Pn	19:22:14.50			-0.06
			Sn	22:27.80			-2.00
KRUC	139.4	5	Pn	19:22:18.61			0.68
			Sn	22:35.44			-0.36

44.

2022-01-16 time: 21:52:57.60 UTC ML= 1.4
lat: 47.938N lon: 16.448E h= 8.3 km
erh= 2.4km erz= 2.5km
nr= 15 gap=112 rms=0.76
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	28.9	203	Pg	21:53:02.97			0.00
			Sg	53:06.08			-1.07
SOP	29.5	164	Sg	21:53:07.94			0.59
WINA	33.7	304	Pg	21:53:03.85			0.06
			Sg	53:08.23			-0.40
CONA	43.8	269	Pg	21:53:06.23			0.66
			Sg	53:12.30			0.52
MODS	78.4	52	Sg	21:53:22.30			-0.36
ARSA	103.4	222	Sg	21:53:29.38			-1.19
ABNA	110.9	317	Pn	21:53:16.78			-0.62
			Sn	53:30.69			-2.15
KRUC	125.0	358	Pn	21:53:19.89			0.73
			Sn	53:35.35			-0.62
MOA	163.5	267	Pn	21:53:25.30			1.34
			Sn	53:45.00			0.48

45.

2022-01-16 time: 22:36:41.63 UTC ML= 1.0
lat: 47.823N lon: 16.288E h= 10.2 km
erh= 7.0km erz= 6.6km
nr= 8 gap=124 rms=0.46
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	13.8	177	Pg	22:36:44.63			-0.06
			Sg	36:46.41			-0.67
SOP	25.6	128	Pg	22:36:47.02			0.48
			Sg	36:50.02			-0.36
CONA	34.0	290	Pg	22:36:47.97			0.01
			Sg	36:52.65			-0.25
KRUC	137.9	3	Pn	22:37:05.22			0.66
			Sn	37:21.42			-1.02

46.

2022-01-17 time: 8:18:10.88 UTC ML= 1.7
lat: 48.023N lon: 20.691E h= 0.0 km
erh= 5.5km erz= ***km
nr= 6 gap=206 rms=0.64
Locality: Kisgyör
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	50.9	53	Pg	8:18:20.33			0.37
			Sg	18:26.56			-0.49
KECS	53.4	343	Pg	8:18:21.33			0.91
			Sg	18:26.66			-1.20
PSZ	60.6	259	Pg	8:18:21.43			-0.27

sta	dist	azm	phase	hr	mn	sec	res
			Sg	18:29.77			-0.38

47.

2022-01-17 time: 9:08:52.09 UTC ML= 1.2
lat: 46.173N lon: 17.955E h= 0.0 km
erh= 3.6km erz= 5.3km
nr= 11 gap=219 rms=0.64
Locality: Horváthertelend
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	14.7	130	Pg	9:08:54.99			0.28
			Sg	08:56.14			-0.61
PKSV	39.1	144	Pg	9:08:59.28			0.20
			Sg	09:03.62			-0.91
PKSM	53.2	85	Pg	9:09:02.22			0.63
			Sg	09:08.14			-0.86
MORH	53.5	85	Pg	9:09:02.42			0.79
			Sg	09:08.54			-0.54
PKB4	61.6	54	Sg	9:09:11.99			0.33
PKST	120.9	3	Sg	9:09:29.11			-1.40
PKSG	139.5	14	Sn	9:09:35.18			-0.40

48.

2022-01-17 time: 10:21:39.88 UTC ML= 1.7
lat: 48.018N lon: 16.097E h= 0.0 km
erh= 9.5km erz= ***km
nr= 6 gap=196 rms=0.74
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	20.2	240	Pg	10:21:43.91			0.43
			Sg	21:46.07			-0.22
ARSA	95.6	207	Pg	10:21:57.46			0.51
			Sg	22:08.86			-1.40
KRUC	118.2	11	Pg	10:22:01.38			0.39
			Sn	22:15.94			-1.51

49.

2022-01-17 time: 11:24:51.07 UTC ML= 2.2
lat: 48.608N lon: 20.792E h= 0.0 km
erh= 2.7km erz= 4.6km
nr= 10 gap= 85 rms=0.69
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	26.6	238	Pg	11:24:56.30			0.48
			Sg	25:00.12			0.60
ABAH	48.0	136	Sg	11:25:06.94			0.62
STHS	95.8	20	Sg	11:25:21.41			-0.11
PSZ	101.6	221	Pg	11:25:09.35			0.13
			Sg	25:22.31			-1.07
LANS	114.4	302	Pg	11:25:11.36			-0.13
KOLS	114.7	72	Sg	11:25:26.02			-1.51
VYHS	145.0	265	Pn	11:25:16.79			0.60
			Sn	25:34.16			-1.61

50.

2022-01-17 time: 18:56:17.79 UTC ML= 2.0
lat: 46.847N lon: 16.538E h= 4.4 km
erh= 2.3km erz= 2.7km
nr= 22 gap=125 rms=0.80
Locality: Felsőjánosfa
Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOGS	49.5	206	Pg	18:56:27.43			0.76
			Sg	56:33.67			0.07

Hypocenter Parameters

Földrengés paraméterek

MPLH	84.2	65	Pg	18:56:32.52	-0.32
			Sg	56:44.60	0.02
ARSA	89.2	300	Pg	18:56:34.48	0.74
			Sg	56:45.42	-0.77
GROS	90.2	242	Pg	18:56:33.76	-0.16
			Sg	56:45.30	-1.20
PERS	111.2	258	Pg	18:56:36.77	-0.89
			Sg	56:52.91	-0.24
PTJ	114.4	203	Pg	18:56:38.53	0.30
			Sg	56:51.92	-2.25
SOKA	116.6	261	Pg	18:56:39.57	0.95
			Sg	56:53.81	-1.05
PKST	122.5	68	Pn	18:56:38.58	-0.96
CRES	140.8	216	Pn	18:56:42.41	0.59
			Sn	57:00.53	-0.03
KOVH	146.6	125	Pn	18:56:42.49	-0.05
			Sn	57:01.12	-0.73
OBKA	156.8	256	Pn	18:56:45.68	1.87
			Sn	57:06.44	2.33
PKSM	176.1	114	Pn	18:56:46.66	0.44

51.

2022-01-18 time: 0:30:06.03 UTC ML= 0.9
lat: 47.816N lon: 16.236E h= 13.1 km
erh= 2.4km erz= 1.9km
nr= 14 gap=117 rms=0.63
Locality: Austria
Comments:

sta	dist	azm	phase	hr mn	sec	res
RONA	13.7	161	Pg	0:30:09.48	0.07	
			Sg	30:11.24	-0.81	
SOP	28.3	121	Pg	0:30:12.23	0.63	
			Sg	30:15.31	-0.64	
CONA	30.6	294	Pg	0:30:12.65	0.67	
			Sg	30:17.07	0.45	
WINA	34.6	339	Pg	0:30:12.22	-0.41	
			Sg	30:17.15	-0.63	
ARSA	82.7	220	Sg	0:30:32.08	-0.55	
ABNA	112.2	328	Pn	0:30:25.74	0.37	
			Sn	30:38.84	-1.63	
KRUC	139.0	5	Pn	0:30:29.29	0.57	
			Sn	30:46.11	-0.32	
KHC	244.9	307	ePn	0:30:38.50	-3.43*	
			eSn	31:11.10	1.16	

52.

2022-01-18 time: 8:35:31.67 UTC ML= 1.3
lat: 47.334N lon: 18.443E h= 0.0 km
erh= 1.7km erz= 3.2km
nr= 11 gap=114 rms=0.51
Locality: Zámoly
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKSG	7.5	328	PgU	8:35:33.33	0.32	
			Sg	35:33.94	-0.11	
CSKK	14.2	283	Pg	8:35:34.56	0.36	
			Sg	35:35.89	-0.28	
PKST	32.1	255	Pg	8:35:37.73	0.34	
			Sg	35:40.97	-0.89	
MORH	125.3	173	Sg	8:36:11.07	-0.42	
PKSM	125.7	173	Sg	8:36:10.97	-0.66	
PSZ	126.9	59	Sg	8:36:11.97	-0.04	
VYHS	132.2	13	Sn	8:36:11.37	-2.16	
KOVH	141.0	191	Sn	8:36:16.19	0.71	

53.

2022-01-18 time: 9:04:59.04 UTC ML= 1.5
lat: 48.556N lon: 20.720E h= 0.0 km
erh= 3.2km erz= 3.6km
nr= 8 gap=220 rms=0.53
Locality: Bódvaszilas
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
KECS	19.1	245	Pg	9:05:02.65	0.21	
			Sg	05:05.56	0.46	
ABAH	48.1	127	Pg	9:05:07.77	0.15	
			Sg	05:13.75	-0.57	
PSZ	93.7	221	Pg	9:05:16.26	0.49	
			Sg	05:27.80	-1.02	
VYHS	139.3	267	Pn	9:05:23.39	-0.05	
			Sn	05:40.66	-1.81	

54.

2022-01-18 time: 10:49:22.44 UTC ML= 1.1
lat: 47.577N lon: 18.404E h= 0.0 km
erh= 8.5km erz= 763km
nr= 6 gap=173 rms=0.46
Locality: Tatabánya
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKSG	20.7	183	Pg	10:49:26.29	0.16	
			Sg	49:29.10	0.09	
CSKK	26.2	204	Pg	10:49:26.84	-0.28	
			Sg	49:31.06	0.30	
VYHS	106.9	18	Pg	10:49:41.80	0.27	
			Sg	49:54.50	-1.91	

55.

2022-01-18 time: 11:58:38.35 UTC ML= 1.6
lat: 46.151N lon: 22.816E h= 0.0 km
erh= 2.3km erz= 678km
nr= 9 gap=174 rms=0.52
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
DEV	30.4	167	Pg	11:58:43.92	0.14	
			Sg	58:47.83	-0.19	
DRGR	71.7	354	Pg	11:58:51.55	0.39	
			Sg	59:00.48	-0.67	
GZR	84.2	182	Pg	11:58:53.46	0.08	
			Sg	59:03.70	-1.41	
SIRR	90.2	278	Sg	11:59:07.31	0.28	
BZS	110.4	238	Pg	11:58:58.58	0.51	
			Sg	59:12.53	-0.92	

56.

2022-01-19 time: 5:05:19.82 UTC ML= 1.9
lat: 47.848N lon: 16.259E h= 8.2 km
erh= 2.3km erz= 2.1km
nr= 23 gap= 64 rms=0.93
Locality: Austria
Comments:

sta	dist	azm	phase	hr mn	sec	res
SOP	29.0	129	Pg	5:05:25.51	0.32	
			Sg	05:28.72	-0.66	
WINA	32.0	334	Pg	5:05:26.78	1.06	
			Sg	05:31.27	0.95	
ARSA	86.5	220	Pg	5:05:34.09	-1.25	
			Sg	05:44.94	-2.50	
EGYH	93.8	121	Pg	5:05:36.57	-0.06	
			Sg	05:49.28	-0.46	

Földrengés paraméterek

MODS	95.7	52	Pg	5:05:37.16	0.19
			Sg	05:49.37	-0.98
ABNA	110.1	326	Pn	5:05:38.88	-0.66
			Sn	05:52.31	-2.60
MPLH	122.4	128	Pn	5:05:41.67	0.60
			Sn	05:57.00	-0.64
KRUC	135.3	4	Pn	5:05:42.86	0.18
			Sn	05:59.75	-0.76
PKST	148.8	116	Pn	5:05:45.19	0.83
			Sn	06:02.96	-0.54
MOA	149.2	270	Pn	5:05:46.09	1.68
			Sn	06:03.80	0.21
KOGS	155.6	180	Pn	5:05:46.37	1.16
			Sn	06:05.55	0.53
ZVC	233.4	319	eSn	5:06:25.70	3.41*

57.

2022-01-19 time: 8:24:54.32 UTC ML= 1.5
lat: 47.995N lon: 16.599E h= 0.0 km
erh= 2.8km erz= ***km
nr= 10 gap= 92 rms=0.82
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SOP	34.8	185	Sg	8:25:05.91	0.53		
RONA	39.9	215	Pg	8:25:01.90	0.45		
			Sg	25:06.22	-0.79		
CONA	55.6	262	Pg	8:25:05.12	0.88		
			Sg	25:12.65	0.66		
MODS	65.7	50	Pg	8:25:06.42	0.37		
			Sg	25:14.96	-0.23		
ARSA	115.8	224	Sg	8:25:29.72	-1.39		
MPLH	115.8	142	Sg	8:25:30.12	-1.01		
KRUC	119.6	353	Sg	8:25:30.72	-1.60		

58.

2022-01-19 time: 8:30:17.72 UTC ML= 1.3
lat: 45.862N lon: 18.414E h= 0.0 km
erh= 0.7km erz= 101km
nr= 8 gap=259 rms=0.07
Locality: Nagyharsány
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	12.9	283	Pg	8:30:19.93	-0.09		
			Sg	30:21.89	0.07		
KOVH	35.0	316	Pg	8:30:24.05	0.08		
			Sg	30:28.76	-0.08		
PKSM	42.6	24	Pg	8:30:25.40	0.07		
			Sg	30:31.17	-0.10		
MORH	43.1	24	Pg	8:30:25.45	0.03		
			Sg	30:31.38	-0.05		

59.

2022-01-19 time: 8:34:30.64 UTC ML= 1.6
lat: 46.803N lon: 17.315E h= 0.0 km
erh= 5.1km erz= 8.4km
nr= 11 gap=176 rms=0.89
Locality: Keszthely
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	44.2	23	Pg	8:34:39.16	0.62		
			Sg	34:44.29	-0.41		
EGYH	68.3	1	Sg	8:34:51.11	-1.23		
PKST	74.6	47	Pg	8:34:44.85	0.89		
			Sg	34:54.04	-0.30		
KOVH	99.8	143	Sg	8:35:03.77	1.42		
PKSG	104.7	51	Sg	8:35:04.17	0.26		
PKB5	111.1	102	Sg	8:35:06.08	0.12		
MORH	121.1	123	Sg	8:35:07.69	-1.45		

Hypocenter Parameters

PKSM	121.2	123	Sg	8:35:07.79	-1.37
CONA	166.4	319	Sn	8:35:19.43	-0.67

60.

2022-01-19 time: 9:15:41.04 UTC ML= 1.7
lat: 48.719N lon: 18.727E h= 0.0 km
erh= 4.3km erz= 6.1km
nr= 10 gap= 88 rms=1.09
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	26.3	162	Pg	9:15:47.49	1.75		
			Sg	15:50.34	0.94		
LANS	72.4	49	Sg	9:16:02.71	-1.36		
SMOL	98.4	257	Sg	9:16:11.34	-0.99		
PENC	111.2	158	Sg	9:16:15.31	-1.07		
MODS	113.7	250	Pg	9:16:01.37	0.02		
			Sg	16:15.81	-1.38		
KECS	132.3	101	Sn	9:16:21.66	-1.28		
MORC	145.9	324	Pn	9:16:07.14	0.88		
			Sn	16:25.93	0.00		

61.

2022-01-19 time: 9:36:51.20 UTC ML= 1.5
lat: 46.121N lon: 18.051E h= 0.0 km
erh= 1.7km erz= 322km
nr= 11 gap=256 rms=0.26
Locality: Bükkösd
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	5.3	134	PgU	9:36:52.28	0.14		
			Sg	36:53.39	0.52		
PKSV	30.2	149	Pg	9:36:56.40	-0.19		
			Sg	37:00.52	-0.28		
PKSM	46.7	78	Pg	9:36:59.66	0.12		
			Sg	37:05.94	-0.10		
MORH	47.0	77	Pg	9:36:59.76	0.17		
			Sg	37:05.89	-0.25		
PKB4	59.6	46	Pg	9:37:01.62	-0.22		
			Sg	37:09.40	-0.75		
PKB5	74.5	45	Pg	9:37:04.78	0.28		

62.

2022-01-19 time: 10:45:08.34 UTC ML= 0.6
lat: 47.784N lon: 16.227E h= 13.2 km
erh= 3.1km erz= 3.5km
nr= 9 gap=109 rms=0.60
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	10.8	151	Pg	10:45:11.38	0.00		
			Sg	45:13.41	-0.34		
SOP	27.3	114	Pg	10:45:14.17	0.42		
			Sg	45:17.33	-0.64		
CONA	31.7	300	Pg	10:45:15.20	0.73		
			Sg	45:18.01	-1.24		
WINA	37.7	342	Pg	10:45:15.68	0.21		
ARSA	79.6	222	Sg	10:45:34.16	0.18		
KRUC	142.6	5	Sn	10:45:48.26	-1.25		

63.

2022-01-19 time: 11:00:09.19 UTC ML= 1.4
lat: 48.423N lon: 20.686E h= 0.0 km
erh= 2.8km erz= 2.7km
nr= 5 gap=292 rms=0.54
Locality: Alsótelkes
Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
KECS	16.2	294	Pg	11:00	:12.21		0.13
			Sg	00:14	.72		0.38
PSZ	81.3	226	Pg	11:00	:23.91		0.20
			Sg	00:34	.76	-0.28	
VYHS	137.0	273	Sn	11:00	:50.02	-2.10	

64.

2022-01-19 time: 16:34:58.11 UTC ML= 0.7
 lat: 47.818N lon: 16.275E h= 10.9 km
 erh= 8.9km erz= 8.0km
 nr= 6 gap=121 rms=0.42
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	13.2	173	Pg	16:35	:01.18		0.01
			Sg	35:03	.16	-0.40	
SOP	26.0	125	Sg	16:35	:06.88		-0.19
CONA	33.3	292	Pg	16:35	:05.05		0.69
			Sg	35:08	.79	-0.45	
KRUC	138.7	4	Sn	16:35	:38.61		-0.30

65.

2022-01-19 time: 17:17:07.49 UTC ML= 2.8
 lat: 45.959N lon: 17.063E h= 6.5 km
 erh= 2.4km erz= 1.9km
 nr= 60 gap= 84 rms=1.17
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	61.0	339	Pg	17:17	:19.32		0.88
KOVH	81.6	80	Pg	17:17	:21.95		-0.15
			Sg	17:32	.68	-0.82	
KOGS	83.0	311	Pg	17:17	:22.70		0.34
			Sg	17:33	.28	-0.68	
ZAG	84.2	260	Pg	17:17	:22.89		0.32
			Sg	17:33	.93	-0.40	
PTJ	86.0	266	Pg	17:17	:22.62		-0.26
			Sg	17:33	.39	-1.50	
PKSV	92.6	95	Pg	17:17	:23.91		-0.15
			Sg	17:35	.41	-1.58	
PKS9	116.9	53	Pn	17:17	:27.11		-1.15
			Sn	17:42	.09	-2.38	
TIH	122.5	31	Pn	17:17	:27.15		-1.82
PKSM	125.3	77	Pn	17:17	:30.11		0.80
			Sn	17:44	.98	-1.35	
CRES	125.5	263	Pn	17:17	:30.05		0.71
			Sn	17:45	.38	-1.01	
MORH	125.6	77	Pn	17:17	:30.25		0.90
			Sn	17:45	.84	-0.56	
GROS	132.8	295	Pn	17:17	:29.51		-0.74
			Sn	17:46	.04	-1.96	
PKB4	133.0	63	Pn	17:17	:31.27		0.99
			Sn	17:47	.34	-0.72	
BLY	134.8	176	Pn	17:17	:31.67		1.17
			Sn	17:48	.35	-0.09	
MPLH	139.5	15	Pn	17:17	:30.69		-0.40
PKB5	147.1	61	Pn	17:17	:33.41		1.39
			Sn	17:51	.45	0.29	
PKB1	161.6	55	Pn	17:17	:35.74		1.90
			Sn	17:55	.78	1.38	
PKST	162.6	27	Pn	17:17	:35.47		1.51
			Sn	17:55	.93	1.32	
EGYH	163.4	7	Pn	17:17	:33.90		-0.17
PERS	167.8	297	Pn	17:17	:34.71		0.10
			Sn	17:57	.19	1.42	
PKB3	172.5	73	Pn	17:17	:33.43		-1.77
			Sn	17:59	.02	2.21	
SOKA	175.6	297	Pn	17:17	:34.78		-0.81
			Sn	17:55	.90	-1.61	

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
PKS2	176.2	70	Pn	17:17	:35.05		-0.60
			Sn	17:59	.69		2.07
CSKK	181.0	30	Pn	17:17	:35.52		-0.74
			Sn	18:01	.11		2.40
PKB2	185.7	65	Pn	17:17	:40.54		3.69
ARSA	185.8	321	Pn	17:17	:36.61		-0.25
			Sn	18:03	.13		3.36
PKSG	188.9	33	Pn	17:17	:36.74		-0.51
			Sn	18:03	.62		3.16
SOP	195.5	349	Pn	17:17	:37.48		-0.59
PKS7	201.4	53	Pn	17:17	:42.72		3.92
RONA	202.2	343	Pn	17:17	:38.98		0.08
OBKA	203.4	288	Pn	17:17	:39.26		0.21
PKS6	205.6	70	Sn	17:18	:02.03		-2.12
CONA	237.3	337	Pn	17:17	:42.98		-0.30
A338	248.8	23	Sn	17:18	:12.03		-1.71
WINA	250.4	343	Pn	17:17	:45.18		0.27
MODS	269.0	3	Pn	17:17	:45.71		-1.52
			Sn	18:15	.30		-2.92
SMOL	285.4	6	Sn	17:18	:18.22		-3.65*
VYHS	312.2	25	Pn	17:17	:52.44		-0.18*
			Sn	18:25	.23		-2.59*
ABNA	325.7	338	Pn	17:17	:55.03		0.73*
KRUC	348.7	352	Pn	17:17	:56.59		-0.57*

66.

2022-01-19 time: 18:33:36.19 UTC ML= 1.4
 lat: 47.926N lon: 16.438E h= 10.1 km
 erh= 1.5km erz= 1.5km
 nr= 19 gap= 79 rms=0.56
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	27.3	203	Pg	18:33	:41.37		-0.02
			Sg	33:44	.88		-0.57
SOP	28.4	162	Pg	18:33	:42.22		0.64
			Sg	33:45	.69		-0.10
WINA	33.9	307	Pg	18:33	:42.79		0.28
			Sg	33:47	.41		-0.02
CONA	43.1	270	Pg	18:33	:44.48		0.39
			Sg	33:50	.02		-0.24
MODS	79.9	51	Pg	18:33	:50.43		-0.13
			Sg	34:01	.25		-0.53
EGYH	87.8	130	Sg	18:34	:04.05		-0.23
ARSA	101.9	223	Sg	18:34	:05.32		-3.41
ABNA	111.4	318	Pn	18:33	:55.62		-0.20
			Sn	34:08	.71		-2.42
MPLH	118.0	135	Sn	18:34	:12.80		0.20
KRUC	126.3	359	Pn	18:33	:58.13		0.45
			Sn	34:14	.30		-0.15
TREC	167.6	335	eSn	18:34	:24.10		0.50
ZVC	235.9	315	eSn	18:34	:41.50		2.74

67.

2022-01-20 time: 0:14:50.15 UTC ML= 0.5
 lat: 47.784N lon: 16.199E h= 9.1 km
 erh= 2.3km erz= 2.5km
 nr= 8 gap=107 rms=0.40
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	11.9	142	PgD	0:14	:53.25		0.42
			Sg	14:55	.26		0.34
SOP	29.2	113	Pg	0:14	:55.61		-0.01
			Sg	14:59	.28		-0.60
CONA	29.9	302	Sg	0:14	:59.88		-0.21
ARSA	78.2	221	Sg	0:15	:14.89		-0.28
KRUC	142.8	6	Pn	0:15	:13.98		0.15
			Sn	15:30	.30		-1.99

Földrengés paraméterek

68.

2022-01-20 time: 1:19:59.98 UTC ML= 0.5
 lat: 47.769N lon: 16.208E h= 13.2 km
 erh= 2.0km erz= 2.0km
 nr= 8 gap=104 rms=0.36

Locality: Austria

Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	10.1	139	PgD	1:20:03	26		0.32
			Sg	20:05	07		-0.19
SOP	28.0	110	Pg	1:20:05	74		0.24
			Sg	20:09	16		-0.64
CONA	31.4	304	Pg	1:20:06	39		0.33
			Sg	20:10	49		-0.31
ARSA	77.3	222	Sg	1:20:24	82		-0.08
KRUC	144.5	6	Sn	1:20:40	89		-0.68

69.

2022-01-20 time: 6:22:47.30 UTC ML= 0.6
 lat: 47.794N lon: 16.210E h= 14.5 km
 erh= 2.8km erz= 2.3km
 nr= 9 gap=110 rms=0.50

Locality: Austria

Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.4	148	PgD	6:22:50	98		0.27
			Sg	22:52	99		-0.37
SOP	28.9	115	Pg	6:22:53	47		0.39
			Sg	22:56	85		-0.73
CONA	30.0	300	Sg	6:22:57	55		-0.34
ARSA	79.6	221	Sg	6:23:12	75		-0.26
ABNA	113.2	329	Pn	6:23:07	37		0.77
			Sn	23:20	73		-0.93
KRUC	141.6	6	Sn	6:23:28	04		0.09

70.

2022-01-20 time: 7:54:52.69 UTC ML= 0.8
 lat: 47.824N lon: 16.257E h= 13.0 km
 erh= 6.9km erz= 4.7km
 nr= 9 gap=124 rms=0.59

Locality: Austria

Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	14.1	168	PgD	7:54:55	95		-0.17
			Sg	54:57	91		-0.88
SOP	27.5	125	Pg	7:54:58	66		0.54
			Sg	55:02	20		-0.15
CONA	31.8	291	Pg	7:54:59	57		0.75
			Sg	55:03	18		-0.42
ABNA	112.3	327	Pn	7:55:12	16		0.09
			Sn	55:25	64		-1.54
KRUC	138.0	4	Sn	7:55:32	93		0.03

71.

2022-01-20 time: 8:03:44.67 UTC ML= 1.1
 lat: 47.273N lon: 18.356E h= 0.0 km
 erh= 1.3km erz= 1.7km
 nr= 10 gap=111 rms=0.38

Locality: Sárkeresztes

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	12.3	324	Pg	8:03:46	98		0.12
			Sg	03:48	00		-0.58
PKSG	13.4	11	Pg	8:03:47	23		0.17
			Sg	03:49	32		0.39
PKST	24.4	266	Pg	8:03:49	52		0.50

Hypocenter Parameters

		Sg	03:52.25	-0.17	
MORH	119.6	169	Sg	8:04:22.45	-0.24
KOVH	133.2	188	Sn	8:04:26.52	-0.23
PSZ	136.1	58	Sn	8:04:27.03	-0.37
VYHS	140.4	15	Sn	8:04:27.38	-0.96

72.

2022-01-20 time: 8:06:57.00 UTC ML= 1.4
 lat: 47.327N lon: 18.440E h= 0.0 km
 erh= 2.0km erz= 2.7km
 nr= 10 gap=160 rms=0.40
 Locality: Zámoly
 Comments: probably explosion

		sta	dist	azm	phase	hr	mn	sec	res
PKSG	8.1	333	Pg	8:06:58	69		0.24		
			Sg	06:59	09		-0.49		
CSKK	14.1	287	Pg	8:06:59	85		0.33		
			Sg	07:01	56		0.07		
PKST	31.6	256	Pg	8:07:02	86		0.22		
			Sg	07:06	32		-0.71		
MORH	124.5	173	Sg	8:07:36	32		-0.25		
PKSM	124.9	173	Sg	8:07:36	47		-0.23		
VYHS	133.1	13	Sn	8:07:37	48		-1.58		
KOVH	140.1	191	Sn	8:07:40	94		0.33		

73.

2022-01-20 time: 8:30:23.70 UTC ML= 0.9
 lat: 47.292N lon: 18.325E h= 0.0 km
 erh= 1.8km erz= 375km
 nr= 7 gap=144 rms=0.25
 Locality: Magyaralmás
 Comments: probably explosion

		sta	dist	azm	phase	hr	mn	sec	res
CSKK	9.3	328	Pg	8:30:25	29		-0.07		
			Sg	30:26	46		-0.20		
PKSG	12.2	24	Pg	8:30:25	85		-0.02		
			Sg	30:27	84		0.27		
PKST	22.3	261	Pg	8:30:27	84		0.16		
			Sg	30:30	81		0.02		
MORH	122.1	168	Sg	8:31:00	74		-1.76		

74.

2022-01-20 time: 9:54:53.18 UTC ML= 2.2
 lat: 47.338N lon: 18.415E h= 0.0 km
 erh= 1.1km erz= 2.0km
 nr= 25 gap= 69 rms=0.64
 Locality: Zámoly
 Comments: probably explosion

		sta	dist	azm	phase	hr	mn	sec	res
PKSG	6.3	343	PgU	9:54:54	72		0.42		
			Sg	54:55	43		0.26		
CSKK	12.0	284	Pg	9:54:55	65		0.33		
			Sg	54:57	31		0.32		
PKST	30.1	253	Pg	9:54:58	89		0.34		
			Sg	55:02	46		-0.29		
BUD	48.7	71	Sg	9:55:09	23		0.56		
PKB1	67.9	155	Sg	9:55:15	76		1.00		
MPLH	68.8	254	Sg	9:55:14	10		-0.96		
A338	75.4	356	Sg	9:55:17	32		0.16		
PKB2	96.9	140	Sg	9:55:24	15		0.15		
PKB3	117.7	150	Sg	9:55:29	62		-0.99		
MORH	126.0	172	Pg	9:55:16	16		0.48		
			Sg	55:31	78		-1.44		
PKSM	126.4	172	Pg	9:55:16	21		0.46		
			Sg	55:31	98		-1.37		
PSZ	128.6	60	Pg	9:55:15	81		-0.33		
			Sg	55:33	79		-0.26		
VYHS	132.3	14	Pn	9:55:16	46		-0.26		
			Sn	55:33	13		-1.94		

Hypocenter Parameters

KOVH 141.0 190	Pn	9:55:18.37	0.57
	Sn	55:36.30	-0.69
MODS 143.2 324	Pn	9:55:18.37	0.30
	Sn	55:34.69	-2.80*
ARSA 218.9 267	Sn	9:55:53.47	-0.83

75.

2022-01-20 time: 10:45:06.79 UTC ML= 1.6
 lat: 46.029N lon: 21.833E h= 0.0 km
 erh= 3.6km erz= ***km
 nr= 8 gap=133 rms=0.75
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SIRR	29.7	333	Pg	10:45:12.60	0.51		
			Sg	45:17.02	0.79		
BZS	48.9	200	Pg	10:45:15.12	-0.40		
			Sg	45:21.11	-1.21		
GZR	102.0	134	Pg	10:45:25.74	0.74		
			Sg	45:39.42	0.22		
DRGR	108.3	39	Pg	10:45:25.94	-0.20		
			Sg	45:39.14	-2.09		

76.

2022-01-20 time: 19:08:23.92 UTC ML= 1.1
 lat: 47.798N lon: 16.228E h= 12.5 km
 erh= 1.7km erz= 1.4km
 nr= 12 gap=112 rms=0.42
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.1	155	PgD	19:08:27.29	0.27		
			Sg	08:29.31	-0.14		
SOP	27.9	117	Pg	19:08:29.70	0.33		
			Sg	08:33.07	-0.56		
CONA	31.0	298	Pg	19:08:30.31	0.42		
			Sg	08:33.77	-0.78		
WINA	36.3	341	Pg	19:08:30.93	0.16		
			Sg	08:35.88	-0.23		
ARSA	80.8	221	Sg	19:08:49.14	-0.76		
EGYH	93.2	117	S*	19:08:53.47	-0.26		
KRUC	141.1	5	Pn	19:08:47.38	0.44		
			Sn	09:04.32	-0.58		

77.

2022-01-20 time: 19:09:26.48 UTC ML= 1.0
 lat: 47.789N lon: 16.232E h= 14.3 km
 erh= 2.0km erz= 1.8km
 nr= 11 gap=111 rms=0.47
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	11.0	154	PgD	19:09:29.83	0.12		
			Sg	09:31.71	-0.51		
SOP	27.1	116	Pg	19:09:32.22	0.26		
			Sg	09:35.76	-0.47		
CONA	31.8	299	Pg	19:09:33.47	0.76		
			Sg	09:36.84	-0.73		
WINA	37.4	341	Pg	19:09:33.79	0.16		
			Sg	09:38.98	-0.23		
ARSA	80.2	222	Sg	19:09:51.62	-0.76		
KRUC	142.1	5	Pn	19:09:49.76	0.36		
			Sn	10:06.79	-0.49		

Földrengés paraméterek

78.

2022-01-20 time: 21:15:56.79 UTC ML= 1.0
 lat: 47.783N lon: 16.222E h= 13.8 km
 erh= 1.8km erz= 1.3km
 nr= 10 gap=109 rms=0.36
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	10.8	149	PgD	21:16:00.08	0.15		
			Sg	16:02.09	-0.28		
SOP	27.6	114	Pg	21:16:02.59	0.29		
			Sg	16:06.08	-0.52		
CONA	31.4	301	Pg	21:16:03.29	0.37		
			Sg	16:07.03	-0.67		
ARSA	79.2	222	Sg	21:16:22.15	-0.19		
EGYH	92.9	116	S*	21:16:26.26	-0.05		
KRUC	142.8	5	Pn	21:16:20.14	0.27		
			Sn	16:37.16	-0.71		

79.

2022-01-21 time: 0:54:48.22 UTC ML= 1.5
 lat: 47.999N lon: 20.522E h= 14.9 km
 erh= 1.8km erz= 2.3km
 nr= 7 gap=136 rms=0.24
 Locality: Bükkzsérc
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PSZ	47.7	259	Pg	0:54:56.99	-0.17		
			Sg	55:04.31	0.19		
KECS	53.9	357	Pg	0:54:58.32	0.11		
			Sg	55:05.52	-0.48		
ABAH	62.8	58	Pg	0:55:00.08	0.33		
			Sg	55:08.61	-0.12		
LTVH	124.0	123	Sn	0:55:24.65	-0.21		

80.

2022-01-21 time: 3:57:29.41 UTC ML= 0.9
 lat: 47.797N lon: 16.204E h= 13.2 km
 erh= 2.3km erz= 1.8km
 nr= 13 gap=110 rms=0.58
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.9	147	PgD	3:57:32.91	0.21		
			Sg	57:35.02	-0.25		
CONA	29.5	300	Pg	3:57:35.87	0.70		
			Sg	57:39.38	-0.29		
SOP	29.5	115	Pg	3:57:35.37	0.20		
			Sg	57:38.83	-0.84		
WINA	35.8	344	Pg	3:57:36.45	0.22		
			Sg	57:40.78	-0.77		
ARSA	79.5	220	Sg	3:57:54.45	-0.58		
ABNA	112.7	329	Pn	3:57:48.69	-0.12		
			Sn	58:02.96	-0.98		
KRUC	141.3	6	Pn	3:57:53.54	1.16		
			Sn	58:09.81	-0.48		

81.

2022-01-21 time: 8:40:15.21 UTC ML= 1.9
 lat: 48.481N lon: 17.383E h= 0.0 km
 erh= 1.8km erz= 486km
 nr= 7 gap=170 rms=0.33
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	4.9	43	Pg	8:40:15.88	-0.22		

Földrengés paraméterek

Hypocenter Parameters

	Sg	40:16.74	-0.04
MODS 14.3 213	Pg	8:40:17.84	0.07
	Sg	40:20.15	0.39
KRUC 97.1 312	Pg	8:40:32.78	0.22
	Sg	40:45.88	-0.21
CONA 128.7 241	Sg	8:40:53.94	-2.19

82.

2022-01-21 time: 8:52:37.44 UTC ML= 1.0
lat: 47.452N lon: 18.696E h= 0.0 km
erh= 2.1km erz= 2.5km
nr= 9 gap=122 rms=0.71
Locality: Etyek
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	24.0	254	Pg	8:52:42.13	0.39		
			Sg	52:45.10	0.02		
CSKK	34.4	253	Pg	8:52:44.29	0.71		
			Sg	52:48.64	0.27		
PKST	54.4	247	Sg	8:52:54.16	-0.59		
PSZ	103.8	60	Sg	8:53:11.11	0.67		
VYHS	116.3	5	Sg	8:53:13.52	-0.88		
MORH	137.5	182	Sn	8:53:19.37	-1.12		
MODS	147.5	314	Sn	8:53:21.18	-1.51		

83.

2022-01-21 time: 8:59:39.51 UTC ML= 1.0
lat: 46.125N lon: 17.989E h= 0.0 km
erh= 3.0km erz= 372km
nr= 6 gap=297 rms=0.22
Locality: Dinnyeberki
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	9.5	116	PgU	8:59:41.55	0.34		
			Sg	59:42.71	0.17		
PKSV	33.3	142	Pg	8:59:45.32	-0.14		
			Sg	59:49.94	-0.16		
PKSM	51.3	79	Sg	8:59:55.66	-0.16		
MORH	51.6	79	Sg	8:59:55.71	-0.21		

84.

2022-01-21 time: 9:00:52.01 UTC ML= 1.7
lat: 47.338N lon: 18.434E h= 0.0 km
erh= 1.7km erz= 2.5km
nr= 13 gap=113 rms=0.57
Locality: Zámoly
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	6.8	332	PgU	9:00:53.45	0.21		
			Sg	00:53.95	-0.24		
CSKK	13.4	282	Pg	9:00:54.65	0.25		
			Sg	00:56.58	0.31		
PKST	31.4	254	Pg	9:00:57.82	0.19		
			Sg	01:01.35	-0.66		
PKSM	126.1	173	Sg	9:01:31.47	-0.64		
PSZ	127.4	60	Pg	9:01:15.28	0.52		
			Sg	01:32.13	-0.37		
VYHS	132.1	13	Pn	9:01:15.89	0.38		
			Sn	01:31.72	-2.12		
KOVH	141.2	190	Sn	9:01:35.80	-0.07		
MODS	144.1	323	Sn	9:01:33.86	-2.65		

85.

2022-01-21 time: 9:09:23.71 UTC ML= 1.3
lat: 46.177N lon: 18.285E h= 0.0 km
erh= 0.8km erz= 273km
nr= 10 gap=154 rms=0.22
Locality: Zobákpuszta
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	17.4	236	Pg	9:09:26.70	-0.11		
			Sg	09:29.41	0.18		
PKSM	27.8	82	Pg	9:09:28.71	0.04		
			Sg	09:32.53	-0.01		
MORH	28.1	81	Pg	9:09:28.71	-0.01		
			Sg	09:32.23	-0.40		
PKB4	43.2	35	Sg	9:09:37.75	0.32		
PKS9	45.6	359	Sg	9:09:38.15	-0.06		
PKB1	78.0	30	Sg	9:09:48.79	0.30		
PKST	121.8	351	Sg	9:10:01.45	-0.98		

86.

2022-01-21 time: 9:12:48.97 UTC ML= 1.6
lat: 47.863N lon: 19.174E h= 0.0 km
erh= 2.4km erz= 411km
nr= 5 gap=205 rms=0.19
Locality: Ősagárd
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	11.4	135	Pg	9:12:51.05	0.04		
			Sg	12:52.31	-0.29		
PSZ	54.2	84	Pg	9:12:58.89	0.24		
			Sg	13:06.02	-0.18		
VYHS	74.5	340	Sg	9:13:12.54	-0.10		

87.

2022-01-21 time: 11:08:53.15 UTC ML= 1.7
lat: 48.588N lon: 20.744E h= 0.0 km
erh= 4.4km erz= 4.1km
nr= 7 gap=226 rms=0.46
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	22.3	238	Pg	11:08:57.71	0.57		
			Sg	09:00.82	0.57		
ABAH	49.0	132	Pg	11:09:02.03	0.13		
			Sg	09:08.71	-0.02		
PSZ	97.6	220	Pg	11:09:10.16	-0.42		
			Sg	09:23.57	-0.60		
VYHS	141.2	266	Sn	11:09:36.32	-0.70		

88.

2022-01-21 time: 14:23:27.46 UTC ML= 0.6
lat: 47.311N lon: 18.312E h= 8.5 km
erh= 3.6km erz= 3.4km
nr= 6 gap=221 rms=0.10
Locality: Söréd
Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	7.0	326	Pg	14:23:29.35	-0.08		
			Sg	23:30.86	-0.11		
PKSG	10.8	33	PgD	14:23:30.00	0.08		
			Sg	23:31.91	0.07		
PKST	21.8	255	Pg	14:23:31.56	-0.07		
			Sg	23:35.12	0.23		

Hypocenter Parameters

89.

2022-01-21 time: 18:19:27.91 UTC ML= 0.9
 lat: 46.031N lon: 18.876E h= 0.3 km
 erh= 3.3km erz= 249km
 nr= 12 gap=222 rms=0.76
 Locality: Nagybaracska
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSM	27.1	318	Pg	18:19:32.12			-0.62
			Sg	19:35.53			-0.99
MORH	27.3	319	Pg	18:19:32.21			-0.57
			Sg	19:35.63			-0.95
PKB3	50.1	29	Sg	18:19:43.04			-0.79
PKSV	50.9	252	Pg	18:19:36.98			-0.02
			Sg	19:44.67			0.57
PKB4	55.8	338	Pg	18:19:39.17			1.30
			Sg	19:47.23			1.58
KOVH	60.4	276	Pg	18:19:39.15			0.45
			Sg	19:46.86			-0.26
PKB5	63.6	350	Sg	18:19:48.38			0.26

90.

2022-01-22 time: 7:54:32.53 UTC ML= 0.8
 lat: 47.806N lon: 16.237E h= 15.7 km
 erh= 2.6km erz= 1.6km
 nr= 12 gap=115 rms=0.63
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.7	159	Pg	7:54:36.46			0.33
			Sg	54:38.07			-0.87
SOP	27.7	120	Pg	7:54:38.57			0.35
			Sg	54:42.49			-0.16
CONA	31.2	296	Pg	7:54:39.12			0.36
			Sg	54:44.10			0.47
WINA	35.6	340	Sg	7:54:44.59			-0.32
ARSA	81.9	221	S*	7:54:57.90			-0.85
ABNA	113.1	328	Pn	7:54:52.68			1.02
			Sn	55:05.24			-1.34
KRUC	140.1	5	Pn	7:54:54.29			-0.73
			Sn	55:13.07			0.51

91.

2022-01-22 time: 9:09:20.50 UTC ML= 0.6
 lat: 47.827N lon: 16.292E h= 13.7 km
 erh= 7.6km erz= 5.5km
 nr= 7 gap=125 rms=0.53
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	14.1	179	Pg	9:09:24.33			0.31
			Sg	09:26.24			-0.53
SOP	25.6	129	Sg	9:09:29.70			-0.04
CONA	34.1	289	Sg	9:09:32.11			-0.07
ABNA	113.4	326	Pn	9:09:40.19			0.27
			Sn	09:53.36			-1.71
KRUC	137.5	3	Sn	9:10:00.98			0.56

92.

2022-01-22 time: 9:15:26.23 UTC ML= 1.1
 lat: 47.828N lon: 16.268E h= 11.8 km
 erh= 6.0km erz= 3.7km
 nr= 9 gap=168 rms=0.76
 Locality: Austria
 Comments:

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
RONA	14.4	172	Pg	9:15:29.41			-0.14
			Sg	15:31.16			-0.99
CONA	32.4	290	Pg	9:15:32.79			0.41
			Sg	15:37.29			0.11
WINA	34.3	335	Sg	9:15:37.74			-0.01
ABNA	112.3	326	Pn	9:15:45.71			-0.05
			Sn	15:59.15			-1.85
KRUC	137.5	4	Pn	9:15:50.29			1.39
			Sn	16:06.08			-0.51

93.

2022-01-22 time: 9:55:26.63 UTC ML= 1.0
 lat: 46.178N lon: 18.277E h= 0.0 km
 erh= 0.7km erz= 155km
 nr= 9 gap=161 rms=0.12
 Locality: Zobákpuszta
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	17.0	234	PgU	9:55:29.68			0.03
			Sg	55:32.43			0.42
PKSM	28.4	82	Pg	9:55:31.62			-0.07
			Sg	55:35.65			0.01
MORH	28.6	82	Pg	9:55:31.82			0.08
			Sg	55:35.88			0.15
PKSV	32.2	183	Pg	9:55:32.26			-0.12
			Sg	55:36.88			0.01
PKB4	43.4	35	Sg	9:55:40.25			-0.17

94.

2022-01-22 time: 9:59:42.78 UTC ML= 1.1
 lat: 47.813N lon: 16.247E h= 13.5 km
 erh= 2.2km erz= 1.8km
 nr= 15 gap= 73 rms=0.63
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	13.2	164	Pg	9:59:46.51			0.37
			Sg	59:48.29			-0.48
SOP	27.5	122	Pg	9:59:48.74			0.50
			Sg	59:52.15			-0.35
CONA	31.5	294	Pg	9:59:49.32			0.42
			Sg	59:53.08			-0.60
WINA	35.2	338	Pg	9:59:49.37			-0.13
			Sg	59:54.52			-0.23
ARSA	83.0	221	Pg	9:59:57.88			0.09
			Sg	10:00:08.35			-1.15
MODS	98.8	51	S*	9:60:12.46			-1.51
ABNA	112.9	328	Pn	9:60:02.54			0.38
			Sn	60:16.04			-1.24
KRUC	139.3	5	Pn	9:60:06.54			1.09
			Sn	60:23.21			0.07

95.

2022-01-22 time: 10:24:20.52 UTC ML= 1.2
 lat: 47.801N lon: 16.239E h= 13.3 km
 erh= 2.1km erz= 1.8km
 nr= 16 gap= 75 rms=0.65
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.1	159	Pg	10:24:23.94			0.21
			Sg	24:25.65			-0.58
SOP	27.3	119	Pg	10:24:26.20			0.25
			Sg	24:29.47			-0.71
CONA	31.5	297	Pg	10:24:26.71			0.08
			Sg	24:31.53			0.14
WINA	36.2	340	Pg	10:24:27.71			0.31
			Sg	24:32.02			-0.75

Földrengés paraméterek

Hypocenter Parameters

ARSA	81.6	221	Pg	10:24:35.44	0.16
			Sg	24:45.99	-0.80
MODS	100.2	51	eP*	10:24:40.20	1.93
			eS*	24:50.80	-1.31
ABNA	113.7	328	Pn	10:24:40.48	0.45
			Sn	24:53.58	-1.67
KRUC	140.6	5	Pn	10:24:43.83	0.43
			Sn	25:00.70	-0.54

96.

2022-01-22 time: 11:04:53.10 UTC ML= 0.9
lat: 47.828N lon: 16.280E h= 10.2 km
erh= 7.1km erz= 6.7km
nr= 8 gap=124 rms=0.45
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	14.3	175	Pg	11:04:56.15	-0.08		
			Sg	04:57.96	-0.72		
SOP	26.3	128	Pg	11:04:58.44	0.30		
			Sg	05:01.78	-0.29		
CONA	33.3	290	Pg	11:04:59.74	0.43		
			Sg	05:03.64	-0.52		
KRUC	137.5	4	Pn	11:05:16.46	0.49		
			Sn	05:32.91	-0.91		

97.

2022-01-22 time: 13:38:10.06 UTC ML= 0.5
lat: 47.815N lon: 16.231E h= 12.5 km
erh= 2.4km erz= 2.0km
nr= 10 gap=116 rms=0.54
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	13.8	159	Pg	13:38:13.65	0.27		
			Sg	38:15.26	-0.71		
SOP	28.6	121	Pg	13:38:16.06	0.43		
			Sg	38:19.70	-0.28		
CONA	30.3	294	Sg	13:38:21.33	0.84		
WINA	34.5	340	Sg	13:38:21.13	-0.60		
ARSA	82.4	220	Sg	13:38:36.07	-0.48		
ABNA	112.0	328	Pn	13:38:29.83	0.36		
			Sn	38:43.49	-1.12		
KRUC	139.1	5	Sn	13:38:50.81	0.19		

98.

2022-01-22 time: 13:43:17.75 UTC ML= 0.6
lat: 47.773N lon: 16.235E h= 14.0 km
erh= 2.1km erz= 1.7km
nr= 8 gap=108 rms=0.37
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	9.3	150	Pg	13:43:20.98	0.22		
			Sg	43:22.94	-0.17		
SOP	26.2	112	Sg	13:43:26.90	-0.31		
CONA	32.8	302	Pg	13:43:23.89	-0.24		
			Sg	43:29.01	-0.10		
ARSA	79.0	223	Sg	13:43:43.47	0.21		
KRUC	143.8	5	Pn	13:43:41.56	0.63		
			Sn	43:58.13	-0.88		

99.

2022-01-22 time: 13:59:02.29 UTC ML= 0.5
lat: 47.829N lon: 16.251E h= 9.8 km
erh= 3.0km erz= 3.1km
nr= 8 gap=121 rms=0.59
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	14.7	167	Pg	13:59:05.76	0.31		
			Sg	59:07.66	-0.25		
SOP	28.1	125	Sg	13:59:11.61	-0.15		
CONA	31.2	291	Sg	13:59:13.44	0.77		
WINA	33.7	337	Sg	13:59:12.57	-0.88		
ARSA	84.5	220	Sg	13:59:28.63	-0.69		
KRUC	137.5	4	Pn	13:59:25.94	0.71		
			Sn	59:42.36	-0.76		

100.

2022-01-22 time: 14:30:11.52 UTC ML= 0.6
lat: 47.806N lon: 16.243E h= 13.3 km
erh= 2.5km erz= 2.0km
nr= 12 gap=115 rms=0.58
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.4	161	Pg	14:30:14.83	0.05		
			Sg	30:16.74	-0.58		
SOP	27.3	120	Pg	14:30:17.34	0.40		
			Sg	30:20.65	-0.52		
CONA	31.6	296	Pg	14:30:18.14	0.49		
			Sg	30:22.79	0.35		
WINA	35.9	339	Sg	14:30:22.84	-0.85		
ARSA	82.1	221	Sg	14:30:37.62	-0.35		
ABNA	113.5	328	Pn	14:30:30.96	-0.04		
			Sn	30:44.62	-1.57		
KRUC	140.2	5	Pn	14:30:35.24	0.91		
			Sn	30:51.56	-0.55		

101.

2022-01-22 time: 16:53:17.06 UTC ML= 1.1
lat: 47.805N lon: 16.225E h= 13.4 km
erh= 2.5km erz= 1.9km
nr= 12 gap=113 rms=0.61
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.9	155	Pg	16:53:20.64	0.26		
			Sg	53:22.32	-0.65		
SOP	28.5	118	Sg	16:53:26.51	-0.55		
CONA	30.4	297	Pg	16:53:23.23	0.24		
			Sg	53:28.07	0.45		
WINA	35.4	341	Pg	16:53:23.73	-0.09		
			Sg	53:28.06	-1.04		
ARSA	81.2	221	Sg	16:53:43.03	-0.18		
ABNA	112.8	329	Pn	16:53:36.79	0.36		
			Sn	53:50.11	-1.44		
KRUC	140.3	5	Pn	16:53:40.97	1.10		
			Sn	53:57.49	-0.18		

102.

2022-01-22 time: 17:50:23.63 UTC ML= 1.2
lat: 47.799N lon: 16.235E h= 12.9 km
erh= 2.0km erz= 1.7km
nr= 13 gap=113 rms=0.52
Locality: Austria
Comments:

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.0	157	Pg	17:50:27.08		0.31	
			Sg	50:28.64		-0.59	
SOP	27.5	118	Sg	17:50:32.96		-0.31	
CONA	31.4	297	Pg	17:50:30.02		0.33	
			Sg	50:34.56		0.14	
WINA	36.4	341	Pg	17:50:30.74		0.22	
			Sg	50:35.13		-0.76	
ARSA	81.2	221	Pg	17:50:38.58		0.27	
			Sg	50:48.97		-0.79	
ABNA	113.8	328	Pn	17:50:43.23		0.04	
			Sn	50:56.74		-1.71	
KRUC	140.9	5	Pn	17:50:47.37		0.79	
			Sn	51:03.79		-0.70	

103.

2022-01-22 time: 21:54:19.69 UTC ML= 0.8
lat: 47.825N lon: 16.221E h= 10.6 km
erh= 2.5km erz= 2.7km
nr= 8 gap=116 rms=0.40
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	15.0	158	Pg	21:54:23.21		0.24	
			Sg	54:25.14		-0.39	
CONA	29.2	293	Sg	21:54:29.56		-0.01	
SOP	29.8	122	Pg	21:54:25.52		0.18	
			Sg	54:29.03		-0.71	
ARSA	82.6	219	Sg	21:54:46.20		0.02	
KRUC	138.2	5	Pn	21:54:43.04		0.43	
			Sn	54:59.46		-1.02	

104.

2022-01-22 time: 23:24:26.57 UTC ML= 0.3
lat: 47.830N lon: 16.245E h= 10.5 km
erh= 3.8km erz= 3.1km
nr= 8 gap=126 rms=0.54
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	15.0	165	Pg	23:24:29.99		0.14	
			Sg	24:31.94		-0.46	
SOP	28.6	125	Pg	23:24:32.45		0.43	
			Sg	24:35.86		-0.40	
CONA	30.7	291	Sg	23:24:36.09		-0.79	
WINA	33.4	337	Sg	23:24:38.49		0.80	
KRUC	137.4	5	Pn	23:24:49.67		0.27	
			Sn	25:06.04		-1.16	

105.

2022-01-23 time: 0:05:53.40 UTC ML= 0.6
lat: 47.795N lon: 16.234E h= 16.5 km
erh= 4.9km erz= 2.1km
nr= 8 gap=151 rms=0.55
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	11.6	156	Pg	0:05:57.10		0.10	
			Sg	05:58.79		-1.02	
CONA	31.6	298	Sg	0:06:05.01		0.29	
WINA	36.8	341	Pg	0:06:01.13		0.53	
			Sg	06:05.54		-0.67	
ABNA	114.1	329	Pn	0:06:13.11		0.57	
			Sn	06:26.73		-0.75	
KRUC	141.4	5	Sn	0:06:33.71		0.17	

Földrengés paraméterek

106.

2022-01-23 time: 3:45:16.45 UTC ML= 0.8
lat: 47.813N lon: 16.245E h= 11.5 km
erh= 1.3km erz= 1.1km
nr= 16 gap=117 rms=0.39
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	13.2	163	PgD	3:45:19.66		0.08	
			Sg	45:21.61		-0.41	
SOP	27.6	122	Pg	3:45:22.07		0.28	
			Sg	45:25.56		-0.39	
CONA	31.4	294	Pg	3:45:22.74		0.32	
			Sg	45:26.69		-0.38	
WINA	35.1	339	Pg	3:45:23.09		0.05	
			Sg	45:28.18		-0.01	
ARSA	82.9	221	Pg	3:45:31.63		0.24	
			Sg	45:42.20		-0.85	
ABNA	112.8	328	Pn	3:45:35.61		-0.47	
			Sn	45:49.49		-1.89*	
KRUC	139.3	5	Pn	3:45:39.79		0.41	
			Sn	45:56.61		-0.65	
MOA	148.2	272	Pn	3:45:40.95		0.45	
			Sn	45:59.51		0.26	

107.

2022-01-23 time: 4:17:28.36 UTC ML= 0.6
lat: 47.797N lon: 16.213E h= 13.9 km
erh= 1.9km erz= 1.5km
nr= 14 gap=111 rms=0.52
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.5	150	PgD	4:17:31.83		0.14	
			Sg	17:33.99		-0.30	
SOP	28.8	116	Pg	4:17:34.22		0.15	
			Sg	17:37.78		-0.74	
CONA	30.1	299	Pg	4:17:34.79		0.51	
			Sg	17:38.43		-0.47	
WINA	36.1	343	Pg	4:17:35.41		0.15	
			Sg	17:40.31		-0.34	
ARSA	80.0	221	Sg	4:17:53.55		-0.61	
ABNA	113.1	329	Pn	4:17:47.85		0.12	
			Sn	18:01.41		-1.42	
KRUC	141.3	5	Pn	4:17:51.94		0.70	
			Sn	18:09.06		-0.02	
MOA	146.0	272	Sn	4:18:12.26		2.14	

108.

2022-01-23 time: 4:18:33.06 UTC ML= 0.4
lat: 47.826N lon: 16.243E h= 11.5 km
erh= 2.8km erz= 1.8km
nr= 11 gap=128 rms=0.47
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	14.6	164	PgD	4:18:36.41		0.04	
			Sg	18:38.49		-0.46	
SOP	28.5	124	Pg	4:18:38.79		0.25	
			Sg	18:42.41		-0.40	
CONA	30.7	292	Sg	4:18:43.03		-0.45	
WINA	33.8	338	Pg	4:18:39.86		0.43	
			Sg	18:44.06		-0.34	
ABNA	111.5	327	Pn	4:18:52.64		0.10	
			Sn	19:06.59		-1.14	
KRUC	137.9	5	Pn	4:18:56.69		0.86	
			Sn	19:13.31		-0.28	

Földrengés paraméterek

109.

2022-01-23 time: 17:14:29.15 UTC ML= 1.0
 lat: 47.818N lon: 16.222E h= 11.2 km
 erh= 1.9km erz= 1.6km
 nr= 15 gap=115 rms=0.55
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	14.3	157	PgD	17:14:32.63			0.25
			Sg	14:34.43			-0.48
SOP	29.3	121	Pg	17:14:34.99			0.24
			Sg	14:38.63			-0.49
CONA	29.6	295	Pg	17:14:35.14			0.34
			Sg	14:38.80			-0.41
WINA	34.1	341	Pg	17:14:35.64			0.09
			Sg	14:40.27			-0.27
ARSA	82.1	220	Pg	17:14:44.10			0.15
			Sg	14:53.76			-1.73
ABNA	111.5	328	Pn	17:14:48.44			-0.21
			Sn	15:02.46			-1.40
KRUC	138.9	5	Pn	17:14:52.74			0.67
			Sn	15:09.76			-0.20
MOA	146.5	271	Sn	17:15:13.05			1.42

110.

2022-01-23 time: 18:19:27.07 UTC ML= 2.0
 lat: 45.860N lon: 17.055E h= 7.5 km
 erh= 2.4km erz= 1.8km
 nr= 26 gap= 93 rms=0.85
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	71.2	342	Pg	18:19:40.67			0.82
			Sg	19:49.89			0.07
KOVH	84.8	73	Pg	18:19:42.99			0.71
			Sg	19:53.60			-0.54
PTJ	85.3	273	Sg	18:19:52.96			-1.33
KOGS	90.2	316	Pg	18:19:43.12			-0.12
			Sg	19:53.89			-1.96
PKSV	93.0	88	Pg	18:19:43.69			-0.04
			Sg	19:56.04			-0.68
BLY	123.9	175	Sn	18:20:05.44			0.04
CRES	124.2	268	Pn	18:19:49.63			0.98
			Sn	20:05.28			-0.19
PKSM	128.9	72	Pn	18:19:48.27			-0.95
			Sn	20:05.72			-0.78
MORH	129.2	72	Pn	18:19:48.21			-1.05
			Sn	20:05.61			-0.96
GROS	137.3	299	Sn	18:20:07.50			-0.88
PKB4	138.9	59	Pn	18:19:50.99			0.51
			Sn	20:08.08			-0.65
MPLH	150.3	14	Sn	18:20:11.22			-0.03
PKB5	153.2	58	Pn	18:19:53.64			1.38
			Sn	20:12.09			0.19
PKB1	168.7	52	Pn	18:19:55.66			1.48
			Sn	20:16.66			1.33
PERS	172.6	300	Sn	18:20:16.99			0.79
PKST	172.7	26	Sn	18:20:15.73			-0.49

111.

2022-01-23 time: 20:14:40.44 UTC ML= 0.8
 lat: 47.821N lon: 16.245E h= 10.8 km
 erh= 1.9km erz= 1.3km
 nr= 12 gap=118 rms=0.37
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	14.1	164	Pg	20:14:43.73			0.13
			Sg	14:45.49			-0.58

Hypocenter Parameters

SOP	28.1	123	PgU	20:14:46.07	0.26
			Sg	14:49.53	-0.47
CONA	31.0	293	Pg	20:14:46.49	0.18
			Sg	14:50.43	-0.46
WINA	34.3	338	Pg	20:14:47.10	0.24
ABNA	112.0	327	Pn	20:14:59.83	-0.23
			Sn	15:13.16	-2.21*
KRUC	138.4	5	Pn	20:15:03.87	0.52
			Sn	15:20.79	-0.43
MOA	148.2	271	Sn	20:15:23.41	0.02

112.

2022-01-23 time: 20:27:06.42 UTC ML= 0.6
 lat: 47.817N lon: 16.261E h= 11.1 km
 erh= 3.3km erz= 2.5km
 nr= 10 gap=124 rms=0.42
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	13.3	169	Pg	20:27:09.58			0.07
			Sg	27:11.31			-0.61
SOP	26.8	124	Pg	20:27:11.92			0.33
			Sg	27:15.48			-0.15
CONA	32.4	293	Sg	20:27:17.06			-0.24
WINA	35.2	337	Pg	20:27:12.92			-0.10
ABNA	113.1	327	Pn	20:27:26.22			0.08
			Sn	27:39.33			-2.19
KRUC	138.8	4	Pn	20:27:29.97			0.62
			Sn	27:46.69			-0.54

113.

2022-01-23 time: 21:42:31.16 UTC ML= 0.6
 lat: 47.804N lon: 16.088E h= 10.8 km
 erh= 5.4km erz= 2.1km
 nr= 6 gap=207 rms=0.28
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	19.4	126	Pg	21:42:35.35			0.22
			Sg	42:37.36			-0.87
WINA	33.8	358	Sg	21:42:42.42			-0.01
SOP	37.7	111	Pg	21:42:38.19			0.02
ABNA	108.0	333	Sn	21:43:05.01			-0.17
KRUC	141.7	9	Sn	21:43:12.91			0.24

114.

2022-01-24 time: 5:53:01.58 UTC ML= 0.4
 lat: 47.808N lon: 16.287E h= 12.9 km
 erh= 3.7km erz= 2.8km
 nr= 9 gap=150 rms=0.56
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.1	176	Pg	5:53:04.79			0.05
			Sg	53:06.70			-0.49
SOP	24.7	124	Pg	5:53:06.90			0.35
			Sg	53:10.69			0.27
CONA	34.5	293	Sg	5:53:14.18			0.89
WINA	36.9	334	Pg	5:53:08.74			0.18
			Sg	53:13.20			-0.81
ABNA	115.0	327	Pn	5:53:21.07			-0.24
			Sn	53:34.19			-2.50

Hypocenter Parameters

115.

2022-01-24 time: 6:35:53.56 UTC ML= 0.8
 lat: 47.800N lon: 16.275E h= 13.2 km
 erh= 3.0km erz= 2.4km
 nr= 13 gap=118 rms=0.79
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	11.3	172	Pg	6:35:56	0.95	0.29	
			Sg	35:58	69	-0.39	
SOP	24.9	121	Pg	6:35:59	16	0.56	
			Sg	36:02	33	-0.20	
CONA	34.0	295	Pg	6:36:00	87	0.79	
			Sg	36:05	59	0.43	
WINA	37.3	336	Pg	6:36:00	56	-0.07	
			Sg	36:05	13	-1.01	
ARSA	83.3	223	Sg	6:36:19	12	-1.25	
ABNA	115.2	327	Pn	6:36:12	99	-0.28	
			Sn	36:26	19	-2.45	
KRUC	140.6	4	Sn	6:36:33	71	-0.56	
MOA	150.5	272	Sn	6:36:38	45	1.97	

116.

2022-01-24 time: 8:07:32.04 UTC ML= 1.6
 lat: 48.087N lon: 20.681E h= 0.0 km
 erh= 2.8km erz= 614km
 nr= 6 gap=192 rms=0.38
 Locality: Bükkzentlászló
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	46.4	342	Pg	8:07:40	32	-0.01	
			Sg	07:46	38	-0.41	
ABAH	47.6	61	Pg	8:07:40	52	-0.02	
			Sg	07:47	15	-0.03	
PSZ	61.6	252	Pg	8:07:43	64	0.60	
			Sg	07:50	89	-0.73	

117.

2022-01-24 time: 9:45:23.66 UTC ML= 1.3
 lat: 48.022N lon: 19.614E h= 0.0 km
 erh= 2.1km erz= 601km
 nr= 6 gap=105 rms=0.36
 Locality: Nagylóć
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	24.0	119	Pg	9:45:27	72	-0.22	
			Sg	45:31	25	-0.02	
PENC	35.8	224	Pg	9:45:30	04	-0.01	
			Sg	45:35	48	0.44	
VYHS	78.0	312	Sg	9:45:47	87	-0.58	
KECS	82.6	52	Sg	9:45:50	59	0.68	

118.

2022-01-24 time: 11:16:52.61 UTC ML= 1.4
 lat: 47.770N lon: 16.192E h= 11.7 km
 erh= 1.6km erz= 1.4km
 nr= 15 gap=103 rms=0.50
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	11.1	135	PgU	11:16:55	68	0.19	
			Sg	16:57	43	-0.30	
SOP	29.1	109	Pg	11:16:58	51	0.29	
			Sg	17:02	35	-0.24	
CONA	30.3	305	Pg	11:16:58	94	0.52	
			Sg	17:02	91	-0.03	

Földrengés paraméterek

WINA	38.5	347	Pg	11:16:59	96	0.16
			Sg	17:04	95	-0.46
ARSA	76.7	221	Pg	11:17:06	30	-0.16
			Sg	17:16	16	-1.10
ABNA	114.9	331	Pn	11:17:12	24	-0.24
			Sn	17:25	34	-2.63*
KRUC	144.4	6	Pn	11:17:16	56	0.40
			Sn	17:33	53	-1.00
MOA	144.5	273	Sn	11:17:35	70	1.15

119.

2022-01-24 time: 12:33:50.72 UTC ML= 1.6
 lat: 46.069N lon: 22.080E h= 0.0 km
 erh= 2.6km erz= 857km
 nr= 8 gap=113 rms=0.61
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SIRR	39.2	304	Pg	12:33:58	83	1.11	
			Sg	34:03	04	-0.14	
BZS	61.8	216	Pg	12:34:00	98	-0.78	
			Sg	34:09	96	-0.41	
GZR	92.7	144	Pg	12:34:07	81	0.54	
			Sg	34:20	06	-0.12	
DRGR	93.8	31	Pg	12:34:07	11	-0.37	
			Sg	34:20	41	-0.14	

120.

2022-01-24 time: 12:55:29.82 UTC ML= 1.5
 lat: 48.060N lon: 21.347E h= 0.0 km
 erh= 3.4km erz= 761km
 nr= 7 gap=177 rms=0.50
 Locality: Tiszaladány
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	27.4	343	Pg	12:55:35	04	0.33	
			Sg	55:38	46	-0.07	
KECS	79.4	306	Pg	12:55:44	30	0.30	
			Sg	55:53	92	-1.14	
TRPA	89.1	85	Pg	12:55:46	06	0.33	
			Sg	55:57	20	-0.95	
PSZ	109.6	262	Sg	12:56:04	48	-0.18	

121.

2022-01-24 time: 13:03:33.04 UTC ML= 0.8
 lat: 47.800N lon: 16.278E h= 13.8 km
 erh= 6.8km erz= 5.2km
 nr= 5 gap=121 rms=0.23
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	11.2	173	Pg	13:03:36	38	0.16	
			Sg	03:38	19	-0.51	
SOP	24.7	122	Sg	13:03:42	20	0.17	
CONA	34.3	295	Sg	13:03:44	84	0.05	
KRUC	140.6	4	Sn	13:04:13	46	-0.16	

122.

2022-01-24 time: 13:44:56.73 UTC ML= 1.5
 lat: 47.851N lon: 16.038E h= 0.0 km
 erh= 2.4km erz= 5.1km
 nr= 8 gap= 93 rms= 0.79
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
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Földrengés paraméterek

CONA	15.7	303	Pg	13:45:00.20	0.66
			Sg	45:02.20	0.46
RONA	25.6	131	Pg	13:45:01.80	0.49
			Sg	45:05.12	0.24
ARSA	77.2	210	Sg	13:45:19.98	-1.28
MODS	109.1	58	Sg	13:45:31.33	-0.08
KRUC	137.3	11	Pn	13:45:20.28	-0.60
			Sn	45:36.25	-3.46

123.

2022-01-24 time: 13:57:34.68 UTC ML= 2.0
lat: 47.036N lon: 22.263E h= 0.0 km
erh= 4.2km erz= 4.7km
nr= 11 gap=133 rms=0.95
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	43.7	129	Pg	13:57:42.61	0.13		
			Sg	57:47.43	-1.14		
SIRR	97.1	208	Pg	13:57:52.85	0.82		
			Sg	58:03.89	-1.67		
BMR	117.1	53	Pg	13:57:55.46	-0.13		
TRPA	123.4	10	Sg	13:58:13.46	-0.44		
AMBH	140.1	237	Sn	13:58:16.37	-1.93		
BZS	165.5	197	Pn	13:58:03.29	0.94		
			Sn	58:23.50	-0.43		
GZR	186.9	168	Pn	13:58:06.61	1.59		
			Sn	58:28.72	0.04		

124.

2022-01-24 time: 14:18:08.55 UTC ML= 1.6
lat: 47.322N lon: 17.642E h= 0.0 km
erh= 1.0km erz= 343km
nr= 11 gap=108 rms=0.27
Locality: Ugod
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	18.6	205	Pg	14:18:11.79	-0.08		
			Sg	18:14.26	-0.19		
EGYH	25.7	294	Pg	14:18:13.50	0.35		
			Sg	18:16.28	-0.45		
PKST	30.5	103	Pg	14:18:14.00	0.00		
			Sg	18:18.23	-0.01		
CSKK	47.0	84	Pg	14:18:17.08	0.14		
			Sg	18:23.55	0.07		
PKSG	57.1	82	Pg	14:18:19.04	0.29		
			Sg	18:25.97	-0.73		
SRO	74.4	43	Sg	14:18:31.79	-0.42		

125.

2022-01-25 time: 8:44:46.16 UTC ML= 2.1
lat: 47.332N lon: 18.472E h= 0.0 km
erh= 1.4km erz= 2.5km
nr= 10 gap=115 rms=0.43
Locality: Lovasberény
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	9.1	317	PgU	8:44:48.02	0.23		
			Sg	44:48.55	-0.50		
CSKK	16.4	282	Pg	8:44:49.53	0.44		
			Sg	44:51.21	-0.16		
PKST	34.1	256	Sg	8:44:56.46	-0.54		
MORH	124.7	174	Sg	8:45:26.08	0.27		
PKSM	125.2	174	Sg	8:45:25.63	-0.31		
PSZ	125.2	59	Sg	8:45:26.18	0.21		
VYHS	132.1	12	Sn	8:45:26.33	-1.66		
KOVH	141.1	192	Sn	8:45:30.15	0.15		

Hypocenter Parameters

126.

2022-01-25 time: 9:00:37.70 UTC ML= 2.2
lat: 48.759N lon: 16.343E h= 0.0 km
erh= 6.4km erz= 3.1km
nr= 11 gap=165 rms=0.64
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KRUC	33.9	6	Pg	9:00:44.16	0.40		
			Sg	00:47.57	-0.91		
CONA	99.0	201	Pg	9:00:55.51	0.12		
			Sg	01:08.06	-1.12		
RONA	117.8	182	Pg	9:00:59.42	0.67		
			Sg	01:14.79	-0.37		
MORC	143.0	38	Pn	9:01:03.14	0.58		
			Sn	01:20.81	-1.14		
KRLC	149.8	12	Pn	9:01:03.74	0.32		
			Sn	01:22.42	-1.06		
ARSA	178.5	200	Sn	9:01:29.95	0.10		

127.

2022-01-25 time: 9:52:35.01 UTC ML= 1.9
lat: 48.609N lon: 20.741E h= 0.0 km
erh= 1.8km erz= 3.5km
nr= 12 gap=111 rms=0.55
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	23.5	233	Pg	9:52:39.56	0.35		
			Sg	52:42.62	0.14		
ABAH	50.7	133	Pg	9:52:44.58	0.51		
			Sg	52:50.41	-0.73		
NIE	95.3	341	Sg	9:53:05.67	0.35		
STHS	97.1	22	Pg	9:52:52.51	0.16		
			Sg	53:04.87	-0.99		
PSZ	99.2	219	Sg	9:53:05.67	-0.89		
LANS	111.1	303	Pg	9:52:55.12	0.27		
			Sg	53:09.48	-0.85		
VYHS	141.2	265	Pn	9:53:00.15	0.50		
			Sn	53:17.92	-0.95		

128.

2022-01-25 time: 10:13:08.41 UTC ML= 1.2
lat: 47.335N lon: 18.447E h= 0.0 km
erh= 1.7km erz= 371km
nr= 8 gap=207 rms=0.26
Locality: Zámoly
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	7.6	326	PgU	10:13:09.80	0.03		
			Sg	13:10.28	-0.55		
CSKK	14.4	282	Pg	10:13:11.04	0.05		
			Sg	13:12.98	-0.02		
PKST	32.4	255	Pg	10:13:14.65	0.46		
			Sg	13:18.47	-0.23		
MORH	125.3	173	Sg	10:13:48.15	-0.10		
PKSM	125.8	173	Sg	10:13:48.15	-0.24		

129.

2022-01-25 time: 11:00:19.61 UTC ML= 1.6
lat: 48.150N lon: 16.909E h= 0.0 km
erh= 4.6km erz= ***km
nr= 7 gap=175 rms=0.75
Locality: Austria
Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
MODS	37.0	48	Pg	11:00:26.28		0.07	
			Sg	00:30.16		-1.20	
RONA	67.9	222	Pg	11:00:32.32		0.59	
			Sg	00:40.18		-1.00	
CONA	81.9	252	Sg	11:00:45.17		-0.48	
KRUC	108.3	340	Pg	11:00:39.93		0.99	
			Sg	00:53.38		-0.64	

130.

2022-01-25 time: 13:45:24.38 UTC ML= 1.3
lat: 47.836N lon: 16.020E h= 0.0 km
erh= 1.3km erz= 3.0km
nr= 9 gap=101 rms=0.81
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	15.7	311	Pg	13:45:27.90		0.72	
			Sg	45:30.32		0.95	
RONA	25.7	126	PgU	13:45:29.31		0.34	
			Sg	45:33.14		0.60	
ARSA	75.1	210	Pg	13:45:37.40		-0.39	
			Sg	45:47.68		-0.56	
MODS	111.1	57	Sg	13:45:59.97		0.27	
KRUC	139.1	12	Pn	13:45:47.55		-1.22	
			Sn	46:04.48		-3.30	

131.

2022-01-25 time: 15:16:21.16 UTC ML= 0.8
lat: 47.828N lon: 16.283E h= 11.5 km
erh= 2.4km erz= 1.8km
nr= 12 gap=125 rms=0.43
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	14.3	176	Pg	15:16:24.48		0.04	
			Sg	16:26.19		-0.81	
SOP	26.2	128	Pg	15:16:26.66		0.39	
			Sg	16:29.90		-0.35	
CONA	33.5	289	Pg	15:16:28.05		0.57	
			Sg	16:31.84		-0.57	
WINA	34.8	333	Pg	15:16:27.72		0.01	
			Sg	16:33.01		0.20	
ABNA	113.0	326	Pn	15:16:40.43		-0.38	
			Sn	16:53.19		-2.95*	
KRUC	137.4	3	Pn	15:16:44.10		0.24	
			Sn	17:01.32		-0.25	

132.

2022-01-26 time: 8:52:21.48 UTC ML= 1.4
lat: 48.003N lon: 20.341E h= 0.0 km
erh= 3.2km erz= 599km
nr= 6 gap=190 rms=0.35
Locality: Szarvaskő
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	34.7	254	Pg	8:52:27.36		-0.32	
			Sg	52:33.55		1.04	
KECS	54.4	11	Pg	8:52:30.93		-0.27	
			Sg	52:38.89		0.11	
ABAH	74.3	64	Pg	8:52:34.86		0.11	
			Sg	52:45.34		0.24	

Földrengés paraméterek

133.

2022-01-26 time: 10:07:30.86 UTC ML= 1.5
lat: 48.611N lon: 20.770E h= 0.0 km
erh= 2.9km erz= 2.3km
nr= 9 gap=207 rms=0.78
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	25.3	236	Pg	10:07:35.82		0.43	
			Sg	07:38.64		-0.28	
ABAH	49.3	135	Pg	10:07:40.56		0.89	
			Sg	07:45.60		-0.95	
PSZ	100.8	220	Pg	10:07:49.17		0.31	
			Sg	08:02.37		-0.53	
TRPA	141.6	112	Sn	10:08:13.46		-1.35	
VYHS	143.4	265	Pn	10:07:56.28		0.51	
			Sn	08:13.46		-1.74	

134.

2022-01-26 time: 10:44:47.96 UTC ML= 1.1
lat: 48.317N lon: 18.991E h= 0.0 km
erh= 3.6km erz= 7.8km
nr= 9 gap= 88 rms=0.93
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	22.8	330	Pg	10:44:52.77		0.74	
			Sg	44:55.69		0.48	
PSZ	80.5	123	Sg	10:45:14.97		1.41	
LANS	99.2	21	Pg	10:45:05.79		0.12	
			Sg	45:18.46		-1.02	
KECS	112.2	80	Pg	10:45:08.41		0.41	
			Sg	45:21.98		-1.65	
MODS	127.2	273	Sg	10:45:27.62		-0.76	
PKST	137.7	211	Sn	10:45:29.12		-1.92	

135.

2022-01-26 time: 19:21:49.82 UTC ML= 1.5
lat: 47.947N lon: 16.981E h= 0.2 km
erh= 3.8km erz= 954km
nr= 7 gap=129 rms=0.54
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
SOP	43.1	227	Pg	19:21:57.90		0.38	
MODS	52.3	25	Pg	19:21:59.58		0.41	
			Sg	22:05.81		-0.65	
RONA	58.2	242	Pg	19:22:00.58		0.38	
			Sg	22:07.61		-0.70	
CONA	83.7	269	Sg	19:22:14.92		-1.49	
MPLH	96.0	154	Pg	19:22:06.87		-0.09	

136.

2022-01-26 time: 21:14:09.08 UTC ML= 0.7
lat: 47.765N lon: 16.227E h= 15.2 km
erh= 2.6km erz= 1.6km
nr= 11 gap=105 rms=0.55
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	9.0	145	Pg	21:14:12.36		0.12	
			Sg	14:14.28		-0.43	
SOP	26.5	110	Pg	21:14:14.73		0.19	
			Sg	14:18.23		-0.56	
CONA	32.8	304	Pg	21:14:16.02		0.48	
			Sg	14:20.00		-0.58	

Földrengés paraméterek

ARSA	78.0	223	S*	21:14:34.65	0.31
ABNA	116.7	330	Pn	21:14:28.47	-0.24
			Sn	14:41.42	-2.61
KRUC	144.7	5	Pn	21:14:32.99	0.78
			Sn	14:49.21	-1.04

137.

2022-01-27 time: 8:44:14.90 UTC ML= 1.5
lat: 46.132N lon: 17.999E h= 0.0 km
erh= 2.9km erz= 3.2km
nr= 17 gap=217 rms=0.64
Locality: Hetvehely
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
KOVH	9.2	122	Pg	8:44:16.61	0.07	
			Sg	44:17.77	-0.05	
PKSV	33.4	144	Pg	8:44:20.90	0.03	
			Sg	44:25.08	-0.44	
PKSM	50.4	80	Pg	8:44:23.87	-0.02	
			Sg	44:30.03	-0.88	
MORH	50.7	79	Pg	8:44:23.77	-0.18	
			Sg	44:30.13	-0.87	
PKS9	55.0	23	Pg	8:44:25.49	0.78	
			Sg	44:31.59	-0.77	
PKB4	61.7	49	Pg	8:44:26.33	0.41	
PKB5	76.5	48	Pg	8:44:30.24	1.67	
PKB1	94.7	40	Pg	8:44:31.82	0.01	
			Sg	44:45.49	0.49	
PKST	125.3	1	Sg	8:44:53.18	-1.54	
CSKK	138.3	8	Sn	8:44:57.26	-0.85	
PKSG	143.2	12	Sn	8:44:58.82	-0.38	

138.

2022-01-27 time: 8:52:40.91 UTC ML= 1.8
lat: 47.312N lon: 18.439E h= 0.0 km
erh= 2.2km erz= 3.1km
nr= 13 gap=114 rms=0.85
Locality: Zámoly
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKSG	9.5	338	PgU	8:52:43.30	0.69	
			Sg	52:43.93	-0.01	
CSKK	14.6	293	Pg	8:52:44.54	1.02	
			Sg	52:46.15	0.60	
PKST	31.2	259	Pg	8:52:46.73	0.26	
			Sg	52:50.46	-0.36	
MPLH	69.9	257	Sg	8:53:01.31	-1.82	
MORH	122.9	173	Sg	8:53:19.90	-0.08	
PKSM	123.3	173	Sg	8:53:20.31	0.20	
PSZ	128.5	58	Sg	8:53:21.06	-0.70	
VYHS	134.7	13	Sn	8:53:21.31	-2.01	
KOVH	138.5	191	Sn	8:53:24.19	0.02	
MODS	146.6	324	Sn	8:53:24.54	-1.42	

139.

2022-01-27 time: 8:54:01.63 UTC ML= 1.6
lat: 47.336N lon: 18.481E h= 0.0 km
erh= 2.8km erz= 4.0km
nr= 7 gap=163 rms=0.38
Locality: Lovasberény
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKSG	9.3	312	Pg	8:54:03.65	0.36	
			Sg	54:04.25	-0.33	
CSKK	17.0	280	Pg	8:54:05.01	0.35	
			Sg	54:06.72	-0.30	
MORH	125.1	174	Sg	8:54:41.38	-0.02	
PKSM	125.5	174	Sg	8:54:41.28	-0.26	
VYHS	131.5	12	Sn	8:54:42.49	-0.85	

Hypocenter Parameters

140.

2022-01-27 time: 16:00:55.58 UTC ML= 1.8
lat: 45.506N lon: 17.849E h= 0.0 km
erh= 1.8km erz= 1.2km
nr= 10 gap=272 rms=0.21
Locality: Croatia
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKSV	52.9	36	Sg	16:01:12.69	0.30	
KOVH	67.6	17	Pg	16:01:07.78	0.12	
			Sg	01:17.02	-0.06	
PKSM	99.7	38	Pg	16:01:13.40	0.01	
			Sg	01:27.46	0.18	
MORH	100.2	38	Pg	16:01:13.60	0.13	
			Sg	01:27.06	-0.37	
PKB4	124.7	28	Sg	16:01:34.74	-0.47	
PKB5	139.2	30	Sn	16:01:38.80	-0.19	
FRGS	159.2	105	Sn	16:01:43.22	-0.21	

141.

2022-01-28 time: 0:20:22.45 UTC ML= 0.7
lat: 47.791N lon: 16.237E h= 14.8 km
erh= 2.1km erz= 1.4km
nr= 13 gap=112 rms=0.53
Locality: Austria
Comments:

sta	dist	azm	phase	hr mn	sec	res
RONA	11.1	156	Pg	0:20:25.91	0.15	
			Sg	20:27.72	-0.61	
SOP	26.9	116	Pg	0:20:28.25	0.31	
			Sg	20:31.74	-0.48	
CONA	31.9	299	Pg	0:20:29.55	0.81	
			Sg	20:33.52	-0.12	
WINA	37.2	341	Pg	0:20:29.61	0.00	
			Sg	20:34.43	-0.76	
ARSA	80.6	222	S*	0:20:47.88	-0.60	
ABNA	114.6	329	Pn	0:20:41.93	0.05	
			Sn	20:54.69	-2.34	
KRUC	141.8	5	Pn	0:20:45.82	0.54	
			Sn	21:02.44	-0.64	

142.

2022-01-28 time: 0:33:54.00 UTC ML= 1.2
lat: 47.859N lon: 19.275E h= 9.1 km
erh= 2.6km erz= 1.8km
nr= 15 gap=103 rms=0.81
Locality: Nézsa
Comments:

sta	dist	azm	phase	hr mn	sec	res
PENC	7.6	176	Pg	0:33:56.33	0.21	
			Sg	33:57.74	-0.03	
BUD	45.8	204	Pg	0:34:02.18	-0.15	
			Sg	34:06.95	-1.88	
PSZ	46.8	82	Pg	0:34:02.61	0.10	
			Sg	34:08.28	-0.87	
VYHS	77.8	335	Pg	0:34:09.13	1.13	
			Sg	34:17.87	-1.05	
PKSG	84.3	232	Pg	0:34:09.31	0.16	
KECS	113.7	52	Pn	0:34:14.08	0.03	
			Sn	34:28.64	-1.05	
PKB1	124.9	197	Sn	0:34:31.25	-0.92	
PKB2	131.7	181	Sn	0:34:33.82	0.14	
LANS	144.4	6	ePn	0:34:20.40	2.52	
PKB5	146.3	196	Sn	0:34:37.88	0.96	

Hypocenter Parameters

143.

2022-01-28 time: 2:40:27.66 UTC ML= 0.6
 lat: 47.801N lon: 16.237E h= 15.7 km
 erh= 2.7km erz= 1.6km
 nr= 13 gap=113 rms=0.68
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.1	159	Pg	2:40	:31	.35	0.14
			Sg	40	:	33.14	-0.84
SOP	27.4	119	Pg	2:40	:33	.44	0.13
			Sg	40	:	37.15	-0.56
CONA	31.5	297	Pg	2:40	:34	.99	1.05
			Sg	40	:	39.06	0.22
WINA	36.2	340	Pg	2:40	:35	.04	0.33
			Sg	40	:	39.05	-1.15
ARSA	81.5	221	S*	2:40	:52	.58	-1.20
EGYH	92.7	117	S*	2:40	:57	.41	0.59
ABNA	113.6	328	Pn	2:40	:47	.12	0.27
			Sn	41	:	00.63	-1.19
KRUC	140.6	5	Sn	2:41	:08	.16	0.34

144.

2022-01-28 time: 3:07:49.40 UTC ML= 0.6
 lat: 47.796N lon: 16.256E h= 14.6 km
 erh= 1.8km erz= 1.4km
 nr= 9 gap=115 rms=0.38
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	11.1	164	Pg	3:07	:52	.86	0.17
			Sg	07	:	54.59	-0.66
SOP	25.9	119	Pg	3:07	:54	.99	0.28
			Sg	07	:	58.63	-0.23
CONA	33.0	296	Pg	3:07	:56	.40	0.56
			Sg	08	:	00.76	-0.11
WINA	37.2	338	Sg	3:08	:01	.65	-0.46
ARSA	82.0	222	S*	3:08	:15	.40	-0.44
KRUC	141.1	4	Sn	3:08	:29	.71	-0.19

145.

2022-01-28 time: 8:38:09.61 UTC ML= 0.5
 lat: 47.818N lon: 16.272E h= 10.6 km
 erh= 7.5km erz= 6.6km
 nr= 7 gap=121 rms=0.44
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	13.3	172	Pg	8:38	:12	.56	-0.09
			Sg	38	:	14.42	-0.60
SOP	26.2	125	Pg	8:38	:14	.97	0.31
			Sg	38	:	18.53	-0.07
CONA	33.0	292	Sg	8:38	:20	.47	-0.17
KRUC	138.6	4	Pn	8:38	:33	.19	0.62
			Sn	38	:	49.51	-0.96

146.

2022-01-28 time: 9:18:28.70 UTC ML= 1.3
 lat: 47.073N lon: 18.094E h= 0.0 km
 erh= 2.8km erz= ***km
 nr= 10 gap=124 rms=0.79
 Locality: Papkeszi
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	21.1	348	Pg	9:18	:33	.13	0.66
			Sg	18	:	34.55	-0.87

Földrengés paraméterek

CSKK	34.6	21	Pg	9:18:34.70	-0.18
PKSG	42.0	32	Pg	9:18:36.96	0.77
			Sg	18:42.29	0.25
MPLH	43.4	284	Sg	9:18:42.69	0.20
EGYH	69.2	304	Sg	9:18:48.92	-1.77
MORH	104.2	156	Sg	9:19:01.07	-0.75
PKSM	104.5	156	Sg	9:19:00.87	-1.05
KOVH	109.5	180	Sg	9:19:04.58	1.09

147.

2022-01-28 time: 9:26:14.79 UTC ML= 1.4
 lat: 48.061N lon: 20.725E h= 0.0 km
 erh= 2.7km erz= 535km
 nr= 5 gap=200 rms=0.24
 Locality: Miskolctapolca
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	46.4	56	Pg	9:26	:22	.83	-0.24
			Sg	26	:	30.16	0.63
KECS	50.2	339	Pg	9:26	:23	.73	-0.02
			Sg	26	:	30.76	0.01
PSZ	63.9	256	Sg	9:26	:35	.18	0.07

148.

2022-01-28 time: 9:44:06.68 UTC ML= 1.4
 lat: 46.140N lon: 18.080E h= 0.0 km
 erh= 3.0km erz= 494km
 nr= 11 gap=240 rms=0.40
 Locality: Abaliget
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	6.0	165	PgU	9:44	:07	.43	-0.32
			Sg	44	:	09.03	0.45
PKSV	31.0	154	Pg	9:44	:12	.05	-0.17
			Sg	44	:	16.06	-0.48
PKSM	44.1	80	Pg	9:44	:14	.96	0.41
			Sg	44	:	20.88	0.19
MORH	44.4	79	Pg	9:44	:14	.96	0.35
			Sg	44	:	20.88	0.09
PKB4	56.5	46	Sg	9:44	:24	.76	0.11
PKB5	71.4	45	Sg	9:44	:27	.57	-1.81
PKB2	107.3	56	Sg	9:44	:40	.22	-0.56

149.

2022-01-28 time: 10:21:26.86 UTC ML= 1.7
 lat: 48.612N lon: 20.757E h= 0.0 km
 erh= 1.3km erz= 3.3km
 nr= 11 gap=113 rms=0.41
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	24.6	234	Pg	10:21	:31	.61	0.35
			Sg	21	:	35.23	0.54
ABAH	50.1	135	Pg	10:21	:35	.63	-0.18
			Sg	21	:	42.56	-0.23
STHS	96.3	22	Pg	10:21	:43	.96	-0.10
			Sg	21	:	58.02	0.55
PSZ	100.3	220	Sg	10:21	:58	.72	-0.01
LANS	111.9	302	Pg	10:21	:47	.07	0.22
			Sg	22	:	01.33	-1.10
VYHS	142.4	265	Pn	10:21	:51	.49	-0.16
			Sn	22	:	09.27	-1.72

Földrengés paraméterek

150.

2022-01-28 time: 10:41:01.31 UTC ML= 1.6
 lat: 47.877N lon: 20.172E h= 0.0 km
 erh= 6.4km erz= ***km
 nr= 6 gap=202 rms=0.65
 Locality: Tarnaszentmária
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	21.2	282	Pg	10:41:05.61			0.51
			Sg	41:08.22			0.16
PENC	67.3	262	Sg	10:41:22.48			-0.24
KECS	71.3	19	Sg	10:41:24.69			0.72
ABAH	92.2	60	Sg	10:41:29.91			-0.69
VYHS	120.7	305	Sg	10:41:38.35			-1.32

151.

2022-01-28 time: 13:07:33.88 UTC ML= 0.9
 lat: 46.019N lon: 18.468E h= 0.0 km
 erh= 3.9km erz= 856km
 nr= 10 gap=197 rms=0.67
 Locality: Máriakéménd
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	22.1	229	Pg	13:07:37.87			0.04
			Sg	07:40.94			0.02
PKSM	25.3	32	Pg	13:07:38.03			-0.37
			Sg	07:41.49			-0.43
MORH	25.8	32	Pg	13:07:38.17			-0.32
			Sg	07:41.39			-0.69
KOVH	29.5	285	Pg	13:07:38.77			-0.38
			Sg	07:43.29			0.03
PKB4	54.1	11	Pg	13:07:45.44			1.90
			Sg	07:51.81			0.73

152.

2022-01-28 time: 18:26:46.88 UTC ML= 0.3
 lat: 47.811N lon: 16.243E h= 11.5 km
 erh= 4.8km erz= 3.9km
 nr= 5 gap=133 rms=0.17
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	13.0	162	Pg	18:26:50.20			0.22
			Sg	26:52.14			-0.25
SOP	27.6	121	Sg	18:26:56.33			-0.05
CONA	31.4	295	Sg	18:26:57.41			-0.09
KRUC	139.6	5	Sn	18:27:27.71			-0.07

153.

2022-01-30 time: 6:24:19.22 UTC ML= 2.1
 lat: 45.725N lon: 18.079E h= 3.5 km
 erh= 1.8km erz= 1.4km
 nr= 29 gap= 97 rms=0.54
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSV	22.6	37	PgD	6:24:23.82			0.52
			Sg	24:27.39			0.91
KOVH	40.4	2	PgD	6:24:26.58			0.13
			Sg	24:31.60			-0.50
PKSM	69.4	39	Pg	6:24:31.51			-0.12
			Sg	24:40.53			-0.79
MORH	69.9	39	PgD	6:24:31.58			-0.14
			Sg	24:40.70			-0.77
PKB4	94.8	25	Pg	6:24:35.99			-0.17
			Sg	24:49.25			-0.12

Hypocenter Parameters

PKS9	97.0	9	Pg	6:24:36.90	0.35
			Sg	24:49.65	-0.42
PKB5	109.2	28	Pg	6:24:38.59	-0.13
			Sg	24:53.12	-0.81
PKB3	116.1	48	Sg	6:24:55.97	-0.16
PKS2	122.3	46	Pn	6:24:41.50	0.46
			Sn	24:57.91	-0.16
BLY	129.3	213	Pn	6:24:40.58	-1.34
			Sn	24:56.53	-3.10*
PKB1	129.9	25	Pn	6:24:42.14	0.14
			Sn	24:58.74	-1.03
TIH	131.3	354	Pn	6:24:42.57	0.39
PKB2	138.5	40	Pn	6:24:44.02	0.95
			Sn	25:01.74	0.07
FRGS	150.5	116	Pn	6:24:45.41	0.84
			Sn	25:03.97	-0.37
KOGS	162.7	300	Sn	6:25:06.84	-0.20
MPLH	165.9	346	Sn	6:25:08.22	0.47
CRES	204.3	273	Pn	6:24:51.65	0.38
			Sn	25:16.23	-0.04

154.

2022-01-30 time: 16:54:12.87 UTC ML= 1.2
 lat: 47.956N lon: 19.344E h= 16.7 km
 erh= 5.1km erz= 4.7km
 nr= 7 gap=134 rms=0.43
 Locality: Magyarnádor
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PENC	18.9	194	Pg	16:54:17.43			0.06
			Sg	54:20.47			-0.41
PSZ	41.4	96	Pg	16:54:20.99			0.16
			Sg	54:26.94			-0.11
VYHS	70.8	328	P*	16:54:26.44			0.63
			S*	54:34.95			-0.96
KECS	103.2	55	eSn	16:54:44.10			-0.39

155.

2022-01-31 time: 7:40:18.14 UTC ML= 0.9
 lat: 46.136N lon: 18.059E h= 0.0 km
 erh= 1.7km erz= 241km
 nr= 8 gap=287 rms=0.18
 Locality: Hetvehely
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	6.2	149	PgU	7:40:19.05			-0.19
			Sg	40:20.35			0.25
PKSV	31.3	151	Pg	7:40:23.72			-0.01
			Sg	40:27.84			-0.26
PKSM	45.8	79	Pg	7:40:26.38			0.07
			Sg	40:32.66			-0.02
MORH	46.1	79	Pg	7:40:26.63			0.27
			Sg	40:32.56			-0.22

156.

2022-01-31 time: 10:29:14.30 UTC ML= 0.8
 lat: 47.957N lon: 16.060E h= 0.0 km
 erh= 3.3km erz= ***km
 nr= 7 gap=113 rms=0.66
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	15.2	258	Pg	10:29:17.12			0.11
			Sg	29:19.64			0.51
RONA	33.6	148	Pg	10:29:20.04			-0.26
			Sg	29:25.16			0.18
ARSA	88.3	207	Sg	10:29:41.91			-0.46
MODS	101.7	63	Sg	10:29:47.48			0.86
KRUC	125.3	11	Sg	10:29:51.20			-2.93

Hypocenter Parameters

157.

2022-01-31 time: 10:35:57.90 UTC ML= 0.8
 lat: 47.987N lon: 16.074E h= 0.0 km
 erh= 4.1km erz= ***km
 nr= 5 gap=141 rms=0.47
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	17.1	248	Pg	10:36:01	05	0.09	
			Sg	36:02:91		-0.44	
RONA	36.0	152	Pg	10:36:04	92	0.59	
			Sg	36:08:53		-0.81	
KRUC	121.9	11	Sg	10:36:36	45	-0.19	

158.

2022-02-01 time: 8:15:26.64 UTC ML= 1.6
 lat: 48.625N lon: 20.752E h= 0.0 km
 erh= 2.6km erz= 1.9km
 nr= 8 gap=208 rms=0.60
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	25.2	231	Pg	8:15:31	66	0.52	
			Sg	15:34:07		-0.58	
ABAH	51.3	135	Pg	8:15:36	03	0.22	
			Sg	15:42:35		-0.61	
PSZ	101.1	219	Pg	8:15:45	02	0.32	
VYHS	142.2	264	Sn	8:16:09	62	-1.10	
TRPA	143.3	113	Pn	8:15:51	84	0.29	
			Sn	16:08:92		-2.06	

159.

2022-02-01 time: 8:30:40.38 UTC ML= 1.4
 lat: 47.290N lon: 17.659E h= 0.0 km
 erh= 2.5km erz= 2.7km
 nr= 14 gap= 86 rms=0.69
 Locality: Homokbődöge
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	16.1	214	Pg	8:30:43	51	0.26	
			Sg	30:45:12		-0.37	
EGYH	28.5	300	Sg	8:30:49	68	0.26	
PKST	28.6	97	Pg	8:30:46	22	0.73	
			Sg	30:50:24		0.76	
CSKK	46.2	80	Pg	8:30:48	22	-0.41	
			Sg	30:53:50		-1.57	
PKSG	56.5	78	Pg	8:30:50	84	0.38	
			Sg	30:58:10		-0.23	
MODS	123.8	347	Sg	8:31:14	63	-5.11*	
KOVH	137.8	166	Sn	8:31:22	56	-0.91	
MORH	141.2	148	Sn	8:31:23	87	-0.36	
PKSM	141.4	148	Sn	8:31:23	69	-0.59	
PSZ	182.1	67	Sn	8:31:34	71	1.40	

160.

2022-02-01 time: 9:30:56.02 UTC ML= 2.0
 lat: 47.321N lon: 18.475E h= 0.0 km
 erh= 1.5km erz= 4.0km
 nr= 9 gap=116 rms=0.52
 Locality: Pátka
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	10.1	321	PgU	9:30:58	15	0.33	
			Sg	30:58:51		-0.71	
CSKK	16.8	286	Pg	9:30:59	49	0.46	

Földrengés paraméterek

			Sg	31:01:45	0.08
PKST	34.0	258	Sg	9:31:06.17	-0.67
MORH	123.6	174	Sg	9:31:35.62	0.31
PKSM	124.0	174	Sg	9:31:35.27	-0.17
PSZ	125.7	58	Sg	9:31:36.22	0.25
VYHS	133.1	12	Sn	9:31:36.57	-1.52

161.

2022-02-01 time: 11:30:57.32 UTC ML= 1.9
 lat: 48.520N lon: 22.515E h= 0.0 km
 erh= 9.3km erz= 9.0km
 nr= 11 gap=185 rms=1.57
 Locality: Ukraine
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
TRPA	43.4	178	Pg	11:31:05	72	0.65	
			Sg	31:10:78		-0.33	
ABAH	97.7	255	Pg	11:31:14	51	-0.26	
			Sg	31:26:91		-1.47	
BMR	119.2	142	Sg	11:31:33	49	-1.74	
STHS	136.4	317	Pn	11:31:21	03	-0.34	
			Sn	31:38:45		-1.67	
KECS	150.1	268	Pn	11:31:23	39	0.32	
			Sn	31:40:97		-2.18	
PSZ	205.9	251	Pn	11:31:34	24	4.20	
			Sn	31:56:72		1.17	

162.

2022-02-01 time: 12:44:19.18 UTC ML= 0.9
 lat: 47.850N lon: 16.041E h= 0.0 km
 erh= 9.2km erz= 8.7km
 nr= 5 gap=172 rms=0.81
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	15.9	303	Pg	12:44:22	39	0.36	
			Sg	44:24:50		0.25	
RONA	25.5	131	Pg	12:44:23	90	0.17	
			Sg	44:27:43		0.15	
KRUC	137.2	11	Sn	12:44:59	52	-2.64	

163.

2022-02-01 time: 14:17:21.17 UTC ML= 1.9
 lat: 46.471N lon: 16.125E h= 4.3 km
 erh= 6.5km erz=26.1km
 nr= 7 gap=133 rms=0.97
 Locality: Slovenia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOGS	10.0	105	Pg	14:17:22	54	-0.56	
			Sg	17:23:69		-0.92	
GOLS	64.1	217	iSg	14:17:42	01	0.43	
PTJ	64.7	191	Pg	14:17:34	54	1.79	
			Sg	17:40:97		-0.82	
CRES	88.3	216	Sg	14:17:49	00	-0.28	
ARSA	98.1	332	Sg	14:17:51	89	-0.48	

164.

2022-02-01 time: 14:44:27.86 UTC ML= 1.3
 lat: 48.600N lon: 20.827E h= 0.0 km
 erh= 1.2km erz= 4.0km
 nr= 8 gap= 94 rms=0.46
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	28.3	243	Pg	14:44:33	03	0.11	

Földrengés paraméterek

Hypocenter Parameters

		Sg	44:37.04	0.18	
ABAH	45.6	138	Pg	14:44:36.05	0.06
		Sg	44:43.08	0.74	
STHS	95.8	19	Sg	14:44:58.38	0.07
PSZ	102.6	222	Sg	14:44:59.79	-0.69
LANS	117.0	302	Sg	14:45:04.87	-0.17
TRPA	137.2	112	Sn	14:45:08.98	-1.85

165.

2022-02-02 time: 8:47:02.99 UTC ML= 0.9
lat: 47.806N lon: 16.240E h= 12.2 km
erh= 2.2km erz= 2.0km
nr= 12 gap=115 rms=0.50
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.5	160	Pg	8:47:06.42	0.31		
			Sg	47:08.15	-0.39		
SOP	27.5	120	Pg	8:47:08.58	0.22		
			Sg	47:12.02	-0.52		
CONA	31.4	296	Pg	8:47:09.64	0.63		
			Sg	47:13.45	-0.25		
WINA	35.8	340	Pg	8:47:09.95	0.21		
			Sg	47:14.27	-0.74		
ARSA	82.0	221	Pg	8:47:17.35	-0.44		
			Sg	47:26.88	-2.46		
KRUC	140.2	5	Pn	8:47:26.41	0.46		
			Sn	47:43.23	-0.62		

166.

2022-02-02 time: 11:02:04.62 UTC ML= 1.5
lat: 47.899N lon: 20.159E h= 0.0 km
erh= 3.2km erz= 861km
nr= 10 gap=157 rms=0.69
Locality: Tarnaszentmária
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	19.9	276	Pg	11:02:08.50	0.33		
			Sg	02:11.16	0.21		
PENC	66.8	260	Sg	11:02:25.97	0.12		
KECS	69.3	20	Pg	11:02:17.37	0.38		
			Sg	02:26.81	0.16		
ABAH	91.8	61	Pg	11:02:21.79	0.79		
			Sg	02:32.77	-1.01		
VYHS	118.5	304	Pg	11:02:25.71	-0.07		
			Sg	02:40.70	-1.59		
PKS7	121.0	218	Sg	11:02:41.58	-1.50		

167.

2022-02-02 time: 11:19:43.02 UTC ML= 1.6
lat: 48.857N lon: 21.177E h= 0.0 km
erh= 4.7km erz= 6.4km
nr= 7 gap=134 rms=0.79
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
STHS	62.5	4	Pg	11:19:54.84	0.67		
			Sg	20:01.57	-1.30		
KECS	65.7	231	Pg	11:19:55.64	0.88		
			Sg	20:02.67	-1.24		
TRPA	129.1	129	Sg	11:20:23.76	-0.29		
PSZ	141.1	222	Pn	11:20:07.59	-0.06		
			Sn	20:26.37	-0.49		

168.

2022-02-02 time: 11:45:07.89 UTC ML= 1.7
lat: 46.046N lon: 22.043E h= 0.0 km
erh= 5.4km erz= 9.8km
nr= 8 gap=109 rms=1.05
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SIRR	38.5	310	Pg	11:45:14.46	-0.30		
			Sg	45:20.08	-0.05		
BZS	58.1	215	Pg	11:45:19.28	1.01		
			Sg	45:25.50	-0.86		
GZR	92.3	142	Pg	11:45:25.90	1.52		
			Sg	45:35.74	-1.50		
AMBH	107.2	288	Sg	11:45:41.46	-0.49		
CJR	140.7	58	Sn	11:45:50.10	-1.54		

169.

2022-02-02 time: 12:23:01.50 UTC ML= 1.2
lat: 47.853N lon: 16.046E h= 0.0 km
erh= 2.2km erz= 4.6km
nr= 7 gap=121 rms=0.81
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	16.2	301	Pg	12:23:04.84	0.45		
			Sg	23:06.85	0.20		
RONA	25.3	132	Pg	12:23:06.45	0.43		
			Sg	23:09.56	0.02		
ARSA	77.7	210	Pg	12:23:15.69	0.32		
			Sg	23:24.82	-1.37		
KRUC	136.9	11	Sn	12:23:41.79	-2.62		

170.

2022-02-02 time: 22:04:41.74 UTC ML= 0.9
lat: 47.806N lon: 16.233E h= 13.9 km
erh= 2.8km erz= 2.3km
nr= 13 gap=114 rms=0.73
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.8	158	Pg	22:04:45.27	0.15		
			Sg	04:46.88	-0.87		
SOP	28.0	119	Pg	22:04:47.61	0.29		
			Sg	04:50.77	-0.91		
CONA	30.9	296	Pg	22:04:48.76	0.96		
			Sg	04:52.28	-0.24		
WINA	35.6	340	Sg	22:04:52.52	-1.36		
ARSA	81.7	221	Pg	22:04:56.78	0.24		
			Sg	05:07.36	-0.72		
ABNA	113.0	328	Pn	22:05:01.36	0.28		
			Sn	05:14.58	-1.58		
KRUC	140.2	5	Pn	22:05:05.43	0.96		
			Sn	05:22.00	-0.20		

171.

2022-02-03 time: 4:28:43.05 UTC ML= 0.9
lat: 47.798N lon: 16.221E h= 16.2 km
erh= 2.0km erz= 1.2km
nr= 14 gap=112 rms=0.58
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.3	153	Pg	4:28:47.21	0.53		
			Sg	28:48.99	-0.52		
SOP	28.3	117	Pg	4:28:49.13	0.25		

Hypocenter Parameters

Földrengés paraméterek

		Sg	28:53.01	-0.41
CONA	30.6 298	Pg	4:28:49.82	0.59
		Sg	28:54.00	-0.04
WINA	36.1 342	Sg	4:28:54.89	-0.74
ARSA	80.4 221	P*	4:28:56.78	-0.74
		S*	29:08.63	-0.18
ABNA	113.3 329	Pn	4:29:03.29	1.15
		Sn	29:16.55	-0.49
MPLH	121.4 125	Sn	4:29:19.22	0.38
KRUC	141.1 5	Pn	4:29:05.96	0.35
		Sn	29:22.33	-0.88

172.

2022-02-03 time: 4:35:29.16 UTC ML= 0.9
lat: 47.815N lon: 16.277E h= 11.8 km
erh= 2.3km erz= 2.0km
nr= 15 gap= 74 rms=0.72
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.9	173	Pg	4:35:33.03	0.74		
			Sg	35:34.93	0.21		
SOP	25.7	125	Pg	4:35:33.97	-0.24		
			Sg	35:37.89	-0.27		
CONA	33.5	292	Pg	4:35:35.64	0.14		
			Sg	35:39.42	-1.03		
WINA	35.9	335	Sg	4:35:41.22	0.05		
ARSA	84.6	222	Pg	4:35:44.79	0.38		
			Sg	35:55.21	-1.10		
MODS	97.1	50	S*	4:35:59.96	-0.18		
ABNA	113.9	327	Pn	4:35:49.59	0.70		
			Sn	36:02.35	-1.92		
MPLH	119.2	127	Sn	4:36:04.18	-1.26		
KRUC	138.9	4	Pn	4:35:53.10	1.09		
			Sn	36:09.92	0.09		

173.

2022-02-03 time: 5:26:32.92 UTC ML= 0.5
lat: 47.806N lon: 16.242E h= 13.9 km
erh= 2.0km erz= 1.2km
nr= 9 gap=135 rms=0.31
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.5	161	Pg	5:26:36.45	0.19		
			Sg	26:38.26	-0.61		
SOP	27.4	120	Pg	5:26:38.59	0.19		
			Sg	26:42.13	-0.55		
CONA	31.5	296	Pg	5:26:39.35	0.27		
			Sg	26:43.63	-0.25		
WINA	35.8	339	Sg	5:26:45.25	0.11		
MPLH	120.7	126	Sn	5:27:09.29	0.25		
KRUC	140.2	5	Sn	5:27:13.05	-0.32		

174.

2022-02-03 time: 7:26:21.32 UTC ML= 0.5
lat: 47.822N lon: 16.253E h= 11.2 km
erh= 6.8km erz= 5.7km
nr= 7 gap=125 rms=0.36
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	14.0	167	Pg	7:26:24.63	0.11		
			Sg	26:26.34	-0.68		
SOP	27.6	124	Pg	7:26:27.12	0.48		
			Sg	26:30.53	-0.25		
CONA	31.6	292	Sg	7:26:31.76	-0.22		
KRUC	138.3	4	Pn	7:26:44.31	0.15		
			Sn	27:01.53	-0.44		

175.

2022-02-03 time: 8:16:15.77 UTC ML= 1.1
lat: 46.157N lon: 18.010E h= 0.0 km
erh= 4.8km erz= 672km
nr= 7 gap=295 rms=0.46
Locality: Hetvehely
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	10.3	137	Pg	8:16:18.28	0.67		
			Sg	16:19.29	0.24		
PKSV	35.2	148	Pg	8:16:21.57	-0.49		
			Sg	16:26.14	-0.83		
PKSM	49.1	83	Pg	8:16:24.74	0.19		
			Sg	16:31.26	-0.13		
MORH	49.4	82	Sg	8:16:31.41	-0.07		

176.

2022-02-03 time: 9:34:12.14 UTC ML= 1.4
lat: 48.589N lon: 20.740E h= 0.0 km
erh= 2.3km erz= 5.0km
nr= 12 gap=110 rms=0.67
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	22.2	238	Pg	9:34:16.56	0.46		
			Sg	34:18.97	-0.21		
ABAH	49.3	131	Pg	9:34:21.03	0.08		
			Sg	34:27.81	-0.01		
NIE	97.4	341	Pg	9:34:30.12	0.59		
			Sg	34:42.37	-0.72		
PSZ	97.5	220	Pg	9:34:29.82	0.27		
			Sg	34:41.36	-1.77		
STHS	99.1	22	Pg	9:34:30.07	0.23		
			Sg	34:42.37	-1.28		
VYHS	140.9	266	Pn	9:34:37.25	0.50		
			Sn	34:53.87	-2.07		

177.

2022-02-03 time: 9:47:03.73 UTC ML= 1.5
lat: 47.854N lon: 19.117E h= 0.0 km
erh= 3.5km erz= ***km
nr= 9 gap=113 rms=0.83
Locality: Szendehely
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	14.2	120	Pg	9:47:06.15	-0.13		
			Sg	47:08.56	0.30		
PSZ	58.6	83	Pg	9:47:15.39	1.19		
			Sg	47:22.22	-0.14		
VYHS	74.1	344	Pg	9:47:17.70	0.73		
			Sg	47:26.04	-1.26		
PKST	105.0	231	Sg	9:47:36.08	-1.02		
KECS	123.5	56	Pg	9:47:25.74	-0.05		
			Sg	47:41.30	-1.69		

178.

2022-02-03 time: 10:02:25.13 UTC ML= 1.1
lat: 47.908N lon: 16.442E h= 0.0 km
erh= 9.0km erz= ***km
nr= 5 gap=155 rms=0.92
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
RONA	25.6	205	Pg	10:02:29.31	-0.39		
CONA	43.4	273	Sg	10:02:39.35	0.42		

Földrengés paraméterek

MODS	80.9	50	Pg	10:02:40.20	0.62
			Sg	02:51.30	0.45
KRUC	128.3	358	Sg	10:03:02.85	-3.07

179.

2022-02-03 time: 11:00:13.78 UTC ML= 1.3
lat: 48.180N lon: 16.962E h= 0.0 km
erh= 4.5km erz= 5.8km
nr= 8 gap=175 rms=0.79
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MODS	31.8	47	Pg	11:00:19.47	0.01
			Sg	00:23.94	0.05
EGYH	89.2	162	Sg	11:00:42.26	0.13
KRUC	106.6	337	Pg	11:00:33.18	0.35
			Sg	00:46.73	-0.95
PKST	130.2	142	Sg	11:00:52.76	-2.41
VYHS	143.2	76	Pn	11:00:39.80	1.12
			Sn	00:57.28	-0.82

180.

2022-02-03 time: 19:53:21.05 UTC ML= 0.3
lat: 47.819N lon: 16.325E h= 13.0 km
erh= 8.0km erz= 7.1km
nr= 5 gap=129 rms=0.42
Locality: Austria
Comments:

sta	dist	azm	phase	hr mn sec	res
RONA	13.4	189	Pg	19:53:24.46	0.07
			Sg	53:26.12	-0.87
SOP	23.1	131	Sg	19:53:29.91	0.44
CONA	36.8	289	Sg	19:53:33.77	0.33
KRUC	138.3	2	Sn	19:54:01.06	-0.24

181.

2022-02-04 time: 8:34:21.47 UTC ML= 0.8
lat: 47.812N lon: 16.257E h= 15.4 km
erh= 2.0km erz= 1.3km
nr= 15 gap= 72 rms=0.58
Locality: Austria
Comments:

sta	dist	azm	phase	hr mn sec	res
RONA	12.9	167	PgD	8:34:25.30	0.25
			Sg	34:27.28	-0.56
SOP	26.8	122	Pg	8:34:27.58	0.60
			Sg	34:31.00	-0.28
CONA	32.3	294	Pg	8:34:27.93	0.08
			Sg	34:32.10	-0.73
WINA	35.6	337	Pg	8:34:29.10	0.71
			Sg	34:33.81	0.03
ARSA	83.4	221	S*	8:34:47.51	-0.65
MODS	98.3	51	S*	8:34:51.00	-1.21
ABNA	113.4	327	Pn	8:34:41.31	0.64
			Sn	34:54.76	-0.89
KRUC	139.3	4	Pn	8:34:43.72	-0.19
			Sn	35:01.90	0.49
MOA	149.1	272	Sn	8:35:06.30	2.71*

182.

2022-02-04 time: 8:52:15.34 UTC ML= 2.0
lat: 45.520N lon: 18.000E h= 0.0 km
erh= 3.7km erz= 3.6km
nr= 11 gap=334 rms=0.36
Locality: Croatia
Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr mn sec	res
KOVH	63.6	7	Pg	8:52:27.11	0.40
			Sg	52:35.64	0.07
PKSM	91.6	33	Pg	8:52:31.83	0.13
			Sg	52:44.48	0.01
MORH	92.1	33	Pg	8:52:31.53	-0.26
			Sg	52:42.97	-1.65
PKB4	118.2	23	Pg	8:52:36.32	-0.13
			Sg	52:53.39	0.48
PKS9	120.5	10	Pg	8:52:36.50	-0.37
			Sg	52:53.09	-0.57
PKB1	153.3	24	Pn	8:52:41.92	0.43

183.

2022-02-04 time: 8:59:57.20 UTC ML= 1.2
lat: 46.139N lon: 18.032E h= 0.0 km
erh= 1.7km erz= 3.0km
nr= 16 gap=193 rms=0.51
Locality: Hetvehely
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	7.7	137	Pg	8:59:58.63	0.06
			Sg	59:59.85	0.21
PKSV	32.6	148	Pg	8:60:02.96	-0.06
			Sg	60:06.98	-0.59
PKSM	47.7	80	Pg	8:60:05.86	0.14
			Sg	60:12.03	-0.34
MORH	48.0	80	Pg	8:60:05.95	0.17
			Sg	60:12.27	-0.20
PKB4	59.3	48	Pg	8:60:08.29	0.50
			Sg	60:16.94	0.89
PKB5	74.2	47	Pg	8:60:10.35	-0.09
PKB1	92.5	39	Sg	8:60:25.56	-1.04
MPLH	120.7	342	Sg	8:60:34.94	-0.62
PKST	124.5	0	Sg	8:60:35.60	-1.18
CSKK	137.2	7	Sn	8:60:42.37	2.20
PKSG	142.0	11	Sn	8:60:42.21	0.98

184.

2022-02-04 time: 9:56:21.77 UTC ML= 1.7
lat: 48.596N lon: 20.688E h= 0.0 km
erh= 1.7km erz= 3.1km
nr= 15 gap= 89 rms=0.62
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	19.5	230	Pg	9:56:25.51	0.26
			Sg	56:28.37	0.40
ABAH	52.7	129	Pg	9:56:31.38	0.19
			Sg	56:38.21	-0.32
NIE	95.5	343	Pg	9:56:40.47	1.64
			Sg	56:51.92	-0.21
PSZ	95.6	218	Pg	9:56:39.11	0.26
			Sg	56:51.36	-0.81
STHS	99.9	24	Pg	9:56:39.76	0.14
			Sg	56:52.17	-1.36
LANS	108.7	305	Pg	9:56:40.82	-0.36
			Sg	56:55.73	-0.59
VYHS	137.2	265	Pn	9:56:46.24	0.33
			Sn	57:03.51	-1.23
TRPA	146.6	111	Pn	9:56:46.94	-0.15

185.

2022-02-04 time: 10:00:26.70 UTC ML= 1.9
lat: 48.591N lon: 17.466E h= 0.0 km
erh= 2.0km erz= 2.6km
nr= 16 gap= 94 rms=0.74
Locality: Slovakia
Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
SMOL	9.0	198	Pg	10:00	:28.01	-0.30	
			Sg	00:29	.92	0.35	
MODS	27.9	210	Pg	10:00	:31.02	-0.67	
			Sg	00:34	.64	-0.93	
A338	91.8	134	Pg	10:00	:44.18	1.09	
			Sg	00:57	.03	1.15	
KRUC	94.5	304	Pg	10:00	:44.23	0.66	
			Sg	00:57	.33	0.60	
VYHS	101.8	96	Pg	10:00	:45.35	0.48	
			Sg	00:57	.40	-1.64	
RONA	131.9	221	Pn	10:00	:50.57	0.39	
			Sn	01:08	.12	-0.38	
MORC	132.0	2	Pn	10:00	:49.55	-0.64	
			Sn	01:07	.63	-0.89	
CONA	140.1	238	Pn	10:00	:51.27	0.07	
			Sn	01:09	.06	-1.25	

186.

2022-02-04 time: 11:25:06.03 UTC ML= 1.0
lat: 47.708N lon: 18.711E h= 0.0 km
erh= 5.2km erz= ***km
nr= 8 gap=137 rms=1.05
Locality: Csolnok
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	42.7	214	Pg	11:25	:14.38	0.73	
			Sg	25:19	.90	0.30	
PENC	43.7	78	Pg	11:25	:15.03	1.19	
			Sg	25:20	.60	0.66	
PKST	71.4	226	Sg	11:25	:27.88	-0.85	
VYHS	87.9	6	Sg	11:25	:33.00	-0.96	
PSZ	91.6	75	Sg	11:25	:33.30	-1.86	
MPLH	106.7	236	Sg	11:25	:38.63	-1.33	

187.

2022-02-04 time: 12:39:29.82 UTC ML= 1.6
lat: 45.530N lon: 17.348E h= 13.0 km
erh= 2.1km erz= 0.7km
nr= 9 gap=222 rms=0.15
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSV	80.9	60	Pg	12:39	:44.32	-0.13	
			Sg	39:55	.58	-0.29	
KOVH	85.2	43	Pg	12:39	:45.37	0.15	
			Sg	39:57	.28	0.05	
PKSM	125.8	53	Pn	12:39	:50.96	0.07	
			Sn	40:07	.27	-0.04	
MORH	126.3	53	Pn	12:39	:51.11	0.17	
			Sn	40:07	.37	-0.04	
CRES	151.0	283	Sn	12:40	:12.64	-0.26	

188.

2022-02-04 time: 13:55:12.21 UTC ML= 1.4
lat: 47.806N lon: 16.230E h= 12.6 km
erh= 1.8km erz= 1.4km
nr= 21 gap= 68 rms=0.67
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.8	157	Pg	13:55	:15.57	0.15	
			Sg	55:17	.58	-0.34	
SOP	28.1	119	Pg	13:55	:18.23	0.51	
			Sg	55:21	.34	-0.67	
CONA	30.7	296	Pg	13:55	:18.08	-0.06	
			Sg	55:21	.84	-0.93	
WINA	35.5	341	Pg	13:55	:19.69	0.75	
			Sg	55:24	.05	-0.14	

Földrengés paraméterek

ARSA	81.5	221	Pg	13:55:26.92	-0.02
			Sg	55:37.71	-0.72
MODS	100.4	51	P*	13:55:30.23	0.19
			S*	55:41.42	-2.53
ABNA	112.9	328	Pn	13:55:31.67	-0.04
			Sn	55:44.65	-2.27
MPLH	121.4	126	Sn	13:55:49.45	0.65
KRUC	140.2	5	Pn	13:55:35.55	0.44
			Sn	55:52.12	-0.85
MOA	147.1	272	Sn	13:55:55.81	1.30
TREC	174.4	342	ePn	13:55:39.60	0.22
			eSn	56:01.00	0.43
ZVC	235.7	320	eSn	13:56:16.70	2.53

189.

2022-02-04 time: 23:11:15.68 UTC ML= 0.6
lat: 47.812N lon: 16.230E h= 11.5 km
erh= 2.7km erz= 2.3km
nr= 11 gap=115 rms=0.63
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	13.5	159	Pg	23:11	:19.08	0.23	
			Sg	11:21	.07	-0.25	
SOP	28.5	120	Pg	23:11	:21.52	0.35	
			Sg	11:24	.91	-0.53	
CONA	30.5	295	Sg	23:11	:26.97	0.94	
WINA	34.8	340	Sg	23:11	:26.57	-0.77	
ARSA	82.1	220	Sg	23:11	:41.25	-0.79	
ABNA	112.3	328	Pn	23:11	:35.91	0.67	
			Sn	11:48	.55	-1.95	
KRUC	139.5	5	Pn	23:11	:38.97	0.34	
			Sn	11:56	.04	-0.49	

190.

2022-02-05 time: 0:31:13.75 UTC ML= 1.4
lat: 47.818N lon: 16.226E h= 12.0 km
erh= 1.4km erz= 1.1km
nr= 19 gap= 74 rms=0.46
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	14.1	158	PgD	0:31	:17.00	-0.06	
			Sg	31:19	.01	-0.64	
SOP	29.0	121	Pg	0:31	:19.51	0.15	
			Sg	31:22	.77	-0.97	
CONA	29.9	294	Pg	0:31	:19.94	0.43	
			Sg	31:24	.00	0.00	
WINA	34.2	340	Pg	0:31	:20.41	0.19	
			Sg	31:25	.14	-0.13	
ARSA	82.3	220	Pg	0:31	:29.02	0.41	
			Sg	31:39	.37	-0.82	
EGYH	94.3	118	P*	0:31	:30.80	0.09	
			S*	31:44	.01	0.07	
MODS	99.8	52	P*	0:31	:31.51	-0.03	
			S*	31:43	.71	-1.72	
ABNA	111.6	328	Pn	0:31	:33.62	0.46	
			Sn	31:46	.89	-1.42	
MPLH	122.4	126	Sn	0:31	:51.24	0.55	
KRUC	138.9	5	Pn	0:31	:36.85	0.29	
			Sn	31:53	.97	-0.39	

191.

2022-02-05 time: 1:37:56.44 UTC ML= 0.5
lat: 47.836N lon: 16.278E h= 12.6 km
erh= 3.7km erz= 2.5km
nr= 9 gap=125 rms=0.56
Locality: Austria
Comments:

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
RONA	15.3	175	Pg	1:37:59.93	-0.04		
			Sg	38:01.87	-0.86		
SOP	27.0	129	Pg	1:38:02.12	0.35		
			Sg	38:05.68	-0.25		
CONA	32.8	288	Sg	1:38:07.97	0.37		
WINA	33.8	333	Sg	1:38:07.57	-0.34		
ABNA	112.0	326	Pn	1:38:16.34	0.52		
			Sn	38:29.46	-1.48		
KRUC	136.6	4	Sn	1:38:37.14	0.75		
192.							

2022-02-05 time: 7:53:00.25 UTC ML= 1.2
lat: 47.812N lon: 16.254E h= 10.8 km
erh= 2.1km erz= 1.9km

nr= 18 gap= 71 rms=0.73

Locality: Austria

Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.9	166	Pg	7:53:03.69	0.43		
			Sg	53:05.47	-0.13		
SOP	26.9	122	Pg	7:53:05.29	-0.15		
			Sg	53:09.38	-0.10		
CONA	32.1	294	Pg	7:53:06.25	-0.05		
			Sg	53:10.97	-0.04		
WINA	35.5	338	Pg	7:53:07.36	0.47		
			Sg	53:11.26	-0.80		
ARSA	83.2	221	Pg	7:53:14.78	-0.45		
			Sg	53:25.30	-1.62		
MODS	98.6	51	ePg	7:53:19.30	1.33		
			eSg	53:30.60	-1.18		
ABNA	113.3	327	Pn	7:53:19.84	-0.19		
			Sn	53:33.33	-2.12		
KRUC	139.4	4	Pn	7:53:23.62	0.34		
			Sn	53:40.59	-0.66		
MOA	148.9	272	Pn	7:53:25.81	1.34		
			Sn	53:44.28	0.93		

193.

2022-02-05 time: 8:16:05.25 UTC ML= 0.7
lat: 47.807N lon: 16.279E h= 10.4 km
erh= 3.9km erz= 3.1km

nr= 7 gap=120 rms=0.50

Locality: Austria

Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.0	174	Pg	8:16:08.16	0.08		
			Sg	16:10.07	-0.22		
SOP	25.0	123	Sg	8:16:14.13	0.27		
			Sg	8:16:16.64	0.08		
CONA	34.0	293	Sg	8:16:16.56	-0.83		
WINA	36.8	335	Sg	8:16:29.10	0.72		
KRUC	139.8	4	Pn	8:16:45.56	-0.87		

194.

2022-02-05 time: 13:00:52.19 UTC ML= 1.5
lat: 47.819N lon: 16.247E h= 11.0 km
erh= 1.8km erz= 1.6km

nr= 20 gap= 72 rms=0.67

Locality: Austria

Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	13.8	164	Pg	13:00:55.58	0.24		
			Sg	00:57.58	-0.21		
SOP	27.8	123	PgU	13:00:57.89	0.36		
			Sg	01:01.40	-0.30		
CONA	31.3	293	Pg	13:00:58.19	0.08		
			Sg	01:03.51	0.79		
WINA	34.6	338	Pg	13:00:58.55	-0.12		

92

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res	Sg	01:03.49	-0.23
ARSA	83.4	221	Pg	13:01:07.07	-0.15			Sg	01:17.37	-1.58
			Sg	01:22.04	-1.65			Pn	13:01:11.35	-0.48
MODS	98.5	51	Pg	13:01:10.49	0.60			Sn	01:25.23	-1.92
			Sg	01:32.43	-0.56			SMOL	13:01:27.78	-0.42
ABNA	112.3	327	Pn	13:01:15.68	0.57			KRUC	13:01:32.43	-0.56
			Sn	01:35.21	0.07			MOA	148.3 271	1.35
KRUC	136.6	4	Pn	13:01:41.60	0.89			Sn	01:35.21	0.07
			eSn	13:01:41.60	0.89			TREC	173.4 341	

195.

2022-02-05 time: 18:33:59.15 UTC ML= 1.2
lat: 47.811N lon: 16.229E h= 11.7 km
erh= 1.4km erz= 1.3km
nr= 16 gap= 75 rms=0.49

Locality: Austria

Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	13.3	158	PgD	18:34:02.39	0.07		
			Sg	34:04.41	-0.39		
SOP	28.5	120	Sg	18:34:08.17	-0.77		
			Pg	18:34:05.14	0.16		
CONA	30.4	295	Sg	34:09.53	0.01		
			Pg	18:34:06.03	0.29		
WINA	35.0	341	Sg	34:10.62	-0.26		
			Pg	18:34:14.09	0.17		
ARSA	81.9	220	Sg	34:24.91	-0.53		
			Pg	18:34:29.98	0.80		
EGYH	93.7	118	Sg	18:34:29.86	-1.11		
			Pn	18:34:19.03	0.33		
MODS	100.1	51	S*	34:31.96	-1.99		
			Pn	18:34:36.84	0.82		
ABNA	112.4	328	Sn	18:34:22.40	0.30		
			Pn	34:39.52	-0.48		

196.

2022-02-05 time: 18:37:50.63 UTC ML= 1.6
lat: 47.835N lon: 16.257E h= 10.2 km
erh= 1.3km erz= 1.1km
nr= 26 gap= 68 rms=0.62

Locality: Austria

Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	15.3	169	PgD	18:37:53.86	-0.06		
			Sg	37:55.88	-0.60		
SOP	28.2	127	Pg	18:37:56.27	0.29		
			Sg	37:59.69	-0.47		
CONA	31.3	289	Pg	18:37:56.34	-0.18		
			Sg	38:00.87	-0.24		
WINA	33.3	336	Pg	18:37:57.59	0.74		
			Sg	38:01.95	0.26		
ARSA	85.3	220	Pg	18:38:05.08	-0.88		
			Sg	38:15.50	-2.42		
EGYH	93.2	120	Pg	18:38:08.12	0.75		
			Sg	38:20.22	-0.21		
MODS	96.8	52	Pg	18:38:08.32	0.31		
			Sg	38:20.77	-0.80		
ABNA	111.3	327	Pn	18:38:09.79	-0.43		
			Sn	38:23.47	-2.04		
SMOL	115.3	49	Sn	18:38:26.29	-0.12		
			Pn	18:38:28.10	0.28		
KRUC	136.8	4	Sn	18:38:13.89	0.48		
			Sn	38:30.51	-0.68		
MOA	149.0	271	Pn	18:38:15.35	0.42		
			Sn	38:33.98	0.09		
KOGS	154.1	180	Sn	18:38:37.04	2.01		
			TREC	172.0 341	0.81		

92

Hypocenter Parameters

BIOA 196.9 265 Pn 18:38:21.28 0.37
Sn 38:44.92 0.39

197.

2022-02-05 time: 18:52:20.91 UTC ML= 0.5
lat: 47.828N lon: 16.283E h= 10.5 km
erh= 3.8km erz= 3.1km
nr= 6 gap=173 rms=0.32
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	14.3	176	Pg	18:52:24.38		0.30	
			Sg	52:25.94		-0.61	
CONA	33.5	290	Sg	18:52:32.16		0.09	
WINA	34.8	333	Pg	18:52:27.62		0.21	
			Sg	52:32.08		-0.40	
KRUC	137.5	3	Sn	18:53:01.43		-0.12	

198.

2022-02-06 time: 0:55:19.24 UTC ML= 0.8
lat: 47.797N lon: 16.216E h= 11.7 km
erh= 2.0km erz= 2.0km
nr= 10 gap=111 rms=0.39
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.4	151	PgD	0:55:22.56		0.27	
			Sg	55:24.57		-0.09	
SOP	28.6	116	Pg	0:55:24.84		0.07	
			Sg	55:28.33		-0.74	
CONA	30.3	299	Pg	0:55:25.22		0.18	
			Sg	55:29.34		-0.22	
ARSA	80.1	221	Sg	0:55:44.45		-0.51	
EGYH	93.9	117	Sg	0:55:50.07		0.74	
KRUC	141.3	5	Pn	0:55:42.59		0.19	
			Sn	55:59.56		-0.90	

199.

2022-02-06 time: 1:25:19.54 UTC ML= 2.2
lat: 47.842N lon: 16.246E h= 5.4 km
erh= 1.3km erz= 1.2km
nr= 42 gap= 45 rms=0.74
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	16.2	167	Pg	1:25:22.87		0.27	
			Sg	25:24.91		-0.07	
SOP	29.3	127	Pg	1:25:25.27		0.41	
			Sg	25:28.76		-0.25	
CONA	30.3	289	Pg	1:25:25.36		0.32	
WINA	32.2	336	Pg	1:25:26.33		0.95	
			Sg	25:30.06		0.13	
ARSA	85.3	220	Pg	1:25:34.00		-0.81	
			Sg	25:44.45		-2.27	
EGYH	94.3	120	Pg	1:25:36.88		0.48	
			Sg	25:48.79		-0.76	
MODS	96.9	52	Pg	1:25:36.52		-0.36	
			Sg	25:49.27		-1.13	
ABNA	110.2	327	Pg	1:25:38.75		-0.49	
			Sg	25:52.69		-1.92	
SMOL	115.4	50	Pg	1:25:40.30		0.13	
			Sg	25:55.04		-1.22	
MPLH	122.7	127	Pn	1:25:41.28		0.09	
			Sn	25:56.23		-1.84	
KRUC	136.1	5	Pn	1:25:42.79		-0.07	
			Sn	25:59.97		-1.07	
MOA	148.2	270	Pn	1:25:45.08		0.71	
			Sn	26:03.35		-0.38	
PKST	149.4	116	Pn	1:25:45.26		0.75	

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
KOGS	154.9	180	Pn	1:25:45.11		-0.09	
CSKK	160.5	109	Sn	1:26:07.10		0.64	
PKSG	168.8	107	Pn	1:25:47.43		0.50	
			Sn	26:09.18		0.89	
TREC	171.0	341	ePn	1:25:47.80		0.59	
			eSn	26:08.80		0.01	
BIOA	196.2	265	Pn	1:25:52.95		2.60	
			Sn	26:16.50		2.12	
VYHS	205.9	69	Pn	1:25:51.53		-0.02	
CRES	232.0	195	Pn	1:25:55.09		0.27	
ZVC	233.4	320	ePn	1:25:56.90		1.92	
			eSn	26:25.50		2.88*	
MORC	235.3	24	Pn	1:25:56.10		0.87	
			Sn	26:22.36		-0.70	
KOVH	240.6	144	Pn	1:25:56.21		0.32	
MORH	256.7	135	Pn	1:25:58.00		0.11	
PKSM	256.9	135	Pn	1:25:57.94		0.03	

200.

2022-02-06 time: 1:28:05.34 UTC ML= 1.5
lat: 47.843N lon: 16.246E h= 5.2 km
erh= 1.4km erz= 1.6km
nr= 25 gap= 63 rms=0.71
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	16.3	167	Pg	1:28:08.74		0.34	
			Sg	28:10.75		-0.04	
SOP	29.3	127	Pg	1:28:10.82		0.16	
			Sg	28:14.64		-0.17	
CONA	30.3	288	Pg	1:28:10.97		0.14	
			Sg	28:15.16		0.05	
WINA	32.1	336	Pg	1:28:12.15		1.00	
			Sg	28:16.04		0.35	
ARSA	85.4	220	Pg	1:28:20.06		-0.56	
			Sg	28:31.25		-1.29	
EGYH	94.3	120	Pg	1:28:22.17		-0.04	
			Sg	28:35.01		-0.35	
MODS	96.9	52	Sg	1:28:35.61		-0.56	
ABNA	110.1	327	Pg	1:28:24.77		-0.25	
			Sg	28:38.56		-1.81	
SMOL	115.3	50	Sg	1:28:41.64		-0.40	
MPLH	122.8	128	Sn	1:28:43.05		-0.88	
KRUC	136.0	5	Pn	1:28:28.89		0.22	
			Sn	28:45.76		-1.10	
MOA	148.2	270	Pn	1:28:31.19		1.00	
			Sn	28:49.65		0.08	
PKST	149.4	116	Pn	1:28:32.09		1.75	
			Sn	28:49.40		-0.44	
KOGS	155.0	180	Sn	1:28:52.74		1.66	
KHC	243.8	306	eSn	1:29:11.20		0.42	

201.

2022-02-06 time: 1:30:56.84 UTC ML= 0.8
lat: 47.817N lon: 16.272E h= 13.6 km
erh= 2.7km erz= 2.0km
nr= 11 gap=121 rms=0.62
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	13.2	172	PgD	1:31:00.58		0.36	
			Sg	31:02.19		-0.67	
SOP	26.1	125	Sg	1:31:06.43		0.23	
CONA	33.1	292	Pg	1:31:03.82		0.59	
			Sg	31:08.19		-0.02	
WINA	35.5	335	Pg	1:31:04.04		0.41	
			Sg	31:08.12		-0.81	
ARSA	84.6	222	Sg	1:31:22.80		-1.26	
ABNA	113.5	327	Pn	1:31:16.74		0.45	
			Sn	31:30.22		-1.24	

Földrengés paraméterek

KRUC 138.7 4 Sn 1:31:37.16 0.11
202.

2022-02-06 time: 1:35:24.30 UTC ML= 1.9
lat: 47.854N lon: 16.192E h= 2.5 km
erh= 3.0km erz= 3.5km
nr= 15 gap=150 rms=0.85
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
SOP	33.4	125	PgU	1:35:30.43		0.15	
			Sg	35:33.79		-1.16	
ARSA	83.9	217	Pg	1:35:39.36		0.07	
			Sg	35:49.23		-1.75	
EGYH	98.5	120	Pg	1:35:41.75		-0.14	
			Sg	35:56.01		0.39	
MODS	99.3	54	Pg	1:35:41.95		-0.10	
			Sg	35:55.10		-0.79	
SMOL	117.6	51	Pg	1:35:45.85		0.54	
			Sg	36:01.63		-0.07	
MPLH	126.9	127	Sn	1:36:02.87		-1.54	
KRUC	135.1	6	Pn	1:35:48.28		0.42	
			Sn	36:04.94		-1.30	
PKST	153.7	116	Pn	1:35:51.32		1.15	
KOGS	156.4	178	Pn	1:35:52.63		2.12	

203.

2022-02-06 time: 2:31:16.98 UTC ML= 0.6
lat: 47.811N lon: 16.267E h= 14.5 km
erh= 5.8km erz= 3.8km
nr= 8 gap=123 rms=0.46
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.6	170	Pg	2:31:20.52		0.11	
			Sg	31:22.30		-0.79	
SOP	26.0	123	Pg	2:31:22.78		0.48	
			Sg	31:26.37		-0.09	
CONA	33.0	293	Sg	2:31:28.43		-0.03	
ABNA	113.9	327	Pn	2:31:36.47		0.11	
			Sn	31:50.17		-1.31	
KRUC	139.4	4	Sn	2:31:57.43		0.29	

204.

2022-02-06 time: 2:46:19.51 UTC ML= 0.5
lat: 47.780N lon: 16.222E h= 15.8 km
erh= 3.8km erz= 2.0km
nr= 7 gap=143 rms=0.59
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	10.5	148	Pg	2:46:23.10		0.20	
			Sg	46:24.86		-0.68	
CONA	31.6	302	Sg	2:46:30.76		0.03	
ARSA	78.9	222	S*	2:46:45.50		0.58	
ABNA	115.1	329	Pn	2:46:39.39		0.52	
			Sn	46:52.47		-1.50	
KRUC	143.1	5	Sn	2:47:00.06		-0.14	

205.

2022-02-06 time: 3:36:01.85 UTC ML= 0.5
lat: 47.787N lon: 16.288E h= 15.1 km
erh= 6.1km erz= 3.8km
nr= 8 gap=120 rms=0.45
Locality: Austria
Comments:

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
RONA	9.7	176	PgD	3:36:05.00		-0.06	
			Sg	36:06.94		-0.63	
SOP	23.3	120	Pg	3:36:07.21		0.39	
			Sg	36:10.80		0.11	
CONA	35.6	296	Sg	3:36:14.24		0.09	
ABNA	117.0	327	Pn	3:36:21.71		0.17	
			Sn	36:34.40		-2.50	
KRUC	142.0	3	Sn	3:36:42.41		-0.04	

206.

2022-02-06 time: 4:00:02.32 UTC ML= 1.5
lat: 47.984N lon: 20.445E h= 5.9 km
erh= 1.6km erz= 1.4km
nr= 15 gap= 72 rms=0.51
Locality: Felsőtárkány
Comments:

sta	dist	azm	phase	hr	mn	sec	res
PSZ	41.8	260	Pg	4:00:10.12		0.27	
			Sg	00:15.94		0.22	
KECS	55.6	3	Pg	4:00:12.55		0.26	
			Sg	00:20.16		0.08	
ABAH	68.6	60	Pg	4:00:14.43		-0.17	
			Sg	00:23.72		-0.47	
PENC	89.6	256	Sg	4:00:29.70		-1.17	
LTVH	128.0	121	Sn	4:00:41.16		-0.75	
PKSN	128.5	200	Sn	4:00:42.30		0.29	
VYHS	132.3	295	Sn	4:00:41.85		-1.00	
PKS7	142.1	223	Sn	4:00:45.40		0.35	
LANS	148.4	331	Sn	4:00:47.36		0.93	
TRPA	157.0	84	Sn	4:00:48.68		0.34	
PKSG	167.7	247	Sn	4:00:50.97		0.25	
DRGR	216.5	128	Sn	4:01:03.41		1.86	

207.

2022-02-06 time: 4:15:12.47 UTC ML= 0.5
lat: 47.843N lon: 16.282E h= 10.0 km
erh= 5.3km erz= 6.2km
nr= 7 gap=150 rms=0.63
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	16.0	176	Pg	4:15:16.13		0.29	
			Sg	15:17.74		-0.73	
SOP	27.3	131	Pg	4:15:18.24		0.58	
			Sg	15:21.15		-0.57	
ABNA	111.5	326	Pn	4:15:32.40		0.27	
			Sn	15:45.70		-1.76	
KRUC	135.8	4	Sn	4:15:52.96		0.11	

208.

2022-02-06 time: 5:12:21.82 UTC ML= 0.8
lat: 47.790N lon: 16.243E h= 14.6 km
erh= 2.4km erz= 1.5km
nr= 12 gap=112 rms=0.53
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	10.8	158	Pg	5:12:25.23		0.15	
			Sg	12:26.96		-0.65	
SOP	26.5	117	Pg	5:12:27.54		0.32	
			Sg	12:30.90		-0.53	
CONA	32.4	298	Pg	5:12:28.69		0.52	
			Sg	12:33.14		0.01	
WINA	37.5	340	Pg	5:12:28.37		-0.63	
ARSA	80.9	222	S*	5:12:47.75		-0.20	
ABNA	114.9	328	Pn	5:12:41.26		-0.05	
			Sn	12:54.80		-1.71	
KRUC	141.8	5	Pn	5:12:45.56		0.89	

Hypocenter Parameters

Sn 13:02.08 -0.41
209.

2022-02-06 time: 6:00:36.08 UTC ML= 0.5
lat: 47.814N lon: 16.240E h= 13.2 km
erh= 8.6km erz= 5.8km
nr= 6 gap=132 rms=0.52
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	13.4	162	Pg	6:00	:39	.83	0.38
			Sg	00	:41	.71	-0.36
SOP	28.0	121	Sg	6:00	:45	.84	-0.07
CONA	31.0	294	Sg	6:00	:46	.74	-0.06
ABNA	112.5	328	Sn	6:01	:09	.44	-1.12
KRUC	139.2	5	Sn	6:01	:17	.21	0.73

210.

2022-02-06 time: 7:50:46.22 UTC ML= 0.8
lat: 47.773N lon: 16.211E h= 15.2 km
erh= 2.6km erz= 1.9km
nr= 11 gap=106 rms=0.52
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	10.4	142	Pg	7:50	:49	.91	0.41
			Sg	50	:51	.54	-0.53
SOP	27.9	111	Pg	7:50	:52	.17	0.28
			Sg	50	:55	.38	-0.94
CONA	31.3	303	Pg	7:50	:52	.52	0.09
			Sg	50	:56	.74	-0.53
ARSA	77.9	222	Sg	7:51	:11	.62	0.19
ABNA	115.3	330	Pn	7:51	:05	.77	0.09
			Sn	51	:19	.64	-1.23
KRUC	143.9	5	Pn	7:51	:10	.04	0.78
			Sn	51	:26	.76	-0.47

211.

2022-02-06 time: 11:43:40.21 UTC ML= 0.7
lat: 47.824N lon: 16.295E h= 11.9 km
erh= 7.6km erz= 5.9km
nr= 10 gap=125 rms=0.76
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	13.8	180	Pg	11:43	:43	.56	0.10
			Sg	43	:45	.26	-0.73
SOP	25.1	128	Pg	11:43	:45	.54	0.37
			Sg	43	:48	.83	-0.21
CONA	34.5	290	Pg	11:43	:47	.12	0.40
			Sg	43	:51	.49	-0.31
ABNA	113.9	326	Pn	11:43	:59	.05	-0.88
			Sn	44	:13	.06	-2.25
KRUC	137.9	3	Pn	11:44	:04	.34	1.42
			Sn	44	:20	.31	-0.32

212.

2022-02-06 time: 11:48:53.07 UTC ML= 0.9
lat: 47.821N lon: 16.277E h= 11.6 km
erh= 8.4km erz= 6.7km
nr= 8 gap=122 rms=0.63
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	13.6	174	PgD	11:48	:56	.32	0.06
			Sg	48	:57	.99	-0.76

Földrengés paraméterek

SOP	26.1	126	Sg	11:49:02.17	0.03
CONA	33.3	291	Pg	11:48:59.87	0.51
			Sg	49:04.00	-0.27
ABNA	113.3	326	Sn	11:49:25.78	-2.33
KRUC	138.2	4	Pn	11:49:16.52	0.66
			Sn	49:33.14	-0.49

213.

2022-02-06 time: 18:16:35.44 UTC ML= 0.8
lat: 47.779N lon: 16.239E h= 14.7 km
erh= 2.2km erz= 1.7km
nr= 12 gap=109 rms=0.49
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	9.8	154	Pg	18:16	:38	.74	0.15
			Sg	16	:39	.89	-1.16
SOP	26.2	114	Pg	18:16	:41	.32	0.51
			Sg	16	:44	.36	-0.63
CONA	32.7	300	Pg	18:16	:41	.87	0.02
			Sg	16	:46	.68	-0.17
ARSA	79.7	223	Pg	18:16	:50	.34	0.42
			Sg	17	:01	.08	-0.13
ABNA	115.8	329	Pn	18:16	:55	.22	0.18
			Sn	17	:08	.56	-1.76
KRUC	143.1	5	Pn	18:16	:58	.77	0.33
			Sn	17	:15	.94	-0.44

214.

2022-02-06 time: 18:23:35.52 UTC ML= 0.8
lat: 47.765N lon: 16.230E h= 13.8 km
erh= 2.8km erz= 3.0km
nr= 8 gap=106 rms=0.48
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	8.8	146	Pg	18:23	:38	.74	0.29
			Sg	23	:40	.35	-0.39
SOP	26.3	110	Pg	18:23	:40	.95	0.13
			Sg	23	:44	.76	-0.20
CONA	33.0	303	Pg	18:23	:42	.50	0.59
			Sg	23	:46	.12	-0.78
ARSA	78.2	223	Sg	18:24	:00	.68	-0.09
KRUC	144.7	5	Sn	18:24	:15	.59	-1.41

215.

2022-02-06 time: 20:54:39.83 UTC ML= 1.3
lat: 47.831N lon: 16.243E h= 10.0 km
erh= 1.6km erz= 1.7km
nr= 17 gap= 67 rms=0.55
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	15.1	165	Pg	20:54	:43	.39	0.32
			Sg	54	:45	.42	-0.18
SOP	28.8	125	Pg	20:54	:45	.85	0.57
			Sg	54	:49	.11	-0.41
CONA	30.5	291	Pg	20:54	:45	.50	-0.06
			Sg	54	:49	.74	-0.29
WINA	33.2	338	Pg	20:54	:46	.38	0.35
ARSA	84.3	220	Pg	20:54	:54	.79	-0.20
			Sg	55	:05	.78	-1.03
EGYH	93.9	119	Sg	20:55	:09	.70	-0.15
MODS	97.9	52	Sg	20:55	:10	.30	-0.80
ABNA	111.0	327	Pn	20:54	:59	.11	-0.33
			Sn	55	:12	.92	-1.81
KRUC	137.3	5	Pn	20:55	:03	.42	0.70
			Sn	55	:20	.29	-0.28
MOA	148.0	271	Pn	20:55	:04	.49	0.44

Földrengés paraméterek

Sn 55:24.19 1.25

216.

2022-02-07 time: 6:02:49.09 UTC ML= 0.8
 lat: 47.802N lon: 16.259E h= 10.0 km
 erh= 4.8km erz= 6.4km
 nr= 6 gap=185 rms=0.18
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	11.7	166	Pg	6:02:51	.88	0.04	
			Sg	02:53	.86	-0.13	
SOP	26.0	120	Pg	6:02:54	.31	0.24	
			Sg	02:57	.73	-0.23	
CONA	32.9	295	Pg	6:02:55	.04	-0.19	
			Sg	03:00	.21	0.19	

217.

2022-02-07 time: 7:26:40.33 UTC ML= 1.1
 lat: 47.277N lon: 18.361E h= 0.0 km
 erh= 1.3km erz= 2.2km
 nr= 10 gap=155 rms=0.32
 Locality: Magyaralmás
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	12.3	322	Pg	7:26:42	.40	-0.13	
			Sg	26:43	.63	-0.61	
PKSG	13.0	10	Pg	7:26:42	.82	0.16	
			Sg	26:44	.73	0.26	
PKST	24.8	266	Pg	7:26:45	.03	0.26	
			Sg	26:48	.42	0.19	
MORH	119.9	170	Sg	7:27:18	.17	-0.26	
PKSM	120.3	170	Sg	7:27:18	.22	-0.34	
KOVH	133.6	189	Sn	7:27:22	.79	0.29	
VYHS	140.0	15	Sn	7:27:22	.19	-1.72	

218.

2022-02-07 time: 9:39:35.11 UTC ML= 1.4
 lat: 48.695N lon: 20.711E h= 0.0 km
 erh= 3.3km erz= 2.5km
 nr= 5 gap=272 rms=0.84
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	28.8	215	Pg	9:39:41	.06	0.80	
			Sg	39:43	.92	-0.35	
ABAH	59.1	139	Sg	9:39:53	.64	-0.26	
PSZ	105.5	215	Sg	9:40:08	.80	0.16	
PENC	146.2	227	Sn	9:40:17	.96	-2.12	

219.

2022-02-07 time: 10:25:16.02 UTC ML= 0.5
 lat: 47.791N lon: 16.299E h= 14.1 km
 erh= 6.1km erz= 4.6km
 nr= 5 gap=119 rms=0.23
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	10.1	181	Pg	10:25:19	.22	0.10	
			Sg	25:21	.05	-0.49	
SOP	22.8	121	Sg	10:25:24	.78	0.23	
CONA	36.1	295	Sg	10:25:28	.43	0.08	
KRUC	141.6	3	Sn	10:25:56	.57	-0.16	

Hypocenter Parameters

220.

2022-02-07 time: 16:35:20.24 UTC ML= 0.9
 lat: 47.797N lon: 16.267E h= 14.5 km
 erh= 2.2km erz= 1.7km
 nr= 9 gap=116 rms=0.46
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	11.1	169	PgD	16:35:23	.80	0.30	
			Sg	35:25	.62	-0.42	
SOP	25.2	120	Pg	16:35:25	.67	0.23	
			Sg	35:28	.91	-0.58	
CONA	33.7	296	Pg	16:35:27	.46	0.67	
			Sg	35:31	.22	-0.67	
WINA	37.4	337	Sg	16:35:32	.77	-0.22	
ARSA	82.7	223	S*	16:35:46	.33	-0.56	
KRUC	140.9	4	Sn	16:36:00	.82	0.07	

221.

2022-02-07 time: 17:58:01.13 UTC ML= 0.7
 lat: 47.796N lon: 16.226E h= 14.5 km
 erh= 3.4km erz= 3.4km
 nr= 8 gap=111 rms=0.67
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	11.9	154	Pg	17:58:04	.87	0.39	
			Sg	58:06	.87	-0.22	
SOP	27.9	117	Pg	17:58:07	.16	0.41	
			Sg	58:10	.59	-0.54	
CONA	31.0	298	Sg	17:58:13	.08	1.09	
WINA	36.5	342	Sg	17:58:12	.21	-1.39	
ARSA	80.4	221	Sg	17:58:26	.30	-0.81	
KRUC	141.4	5	Sn	17:58:41	.78	0.05	

222.

2022-02-08 time: 0:24:15.58 UTC ML= 2.3
 lat: 45.531N lon: 16.490E h= 0.4 km
 erh= 1.6km erz= 1.8km
 nr= 20 gap=144 rms=0.52
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZAG	50.9	311	Pg	0:24:24	.94	0.27	
			Sg	24:31	.46	-0.30	
PTJ	58.3	315	Pg	0:24:26	.24	0.25	
			Sg	24:33	.37	-0.74	
CRES	86.9	292	Pg	0:24:31	.97	0.86	
			Sg	24:42	.81	-0.40	
BLY	102.7	148	Pg	0:24:33	.47	-0.45	
			Sg	24:47	.53	-0.69	
KOGS	103.6	350	Pg	0:24:34	.38	0.30	
			Sg	24:47	.53	-0.98	
BEHE	106.7	12	Pg	0:24:34	.88	0.25	
			Sg	24:48	.94	-0.55	
GROS	128.6	323	Pg	0:24:38	.15	-0.40	
			Sg	24:54	.05	-2.41*	
KOVH	139.6	64	Pn	0:24:40	.64	0.66	
PERS	162.4	319	Pn	0:24:43	.47	0.65	
			Sn	25:03	.41	-0.65	
SOKA	170.1	319	Sn	0:25:05	.67	-0.11	
PKSM	183.4	66	Sn	0:25:08	.76	0.04	
MORH	183.7	66	Sn	0:25:08	.86	0.06	

Hypocenter Parameters

223.

2022-02-08 time: 6:39:25.08 UTC ML= 1.0
 lat: 47.797N lon: 16.229E h= 13.7 km
 erh= 2.3km erz= 1.8km
 nr= 12 gap=112 rms=0.49
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr mn	sec	res
RONA	12.0	155	Pg	6:39:28.58		0.26
			Sg	39:30.39		-0.46
SOP	27.8	117	Pg	6:39:30.64		0.04
			Sg	39:34.46		-0.46
CONA	31.1	298	Pg	6:39:31.77		0.62
			Sg	39:35.41		-0.47
WINA	36.4	341	Pg	6:39:31.62		-0.40
ARSA	80.7	221	Sg	6:39:50.82		-0.28
ABNA	113.7	329	Pn	6:39:44.70		0.16
			Sn	39:58.01		-1.71
KRUC	141.2	5	Pn	6:39:48.71		0.74
			Sn	40:05.33		-0.49

224.

2022-02-08 time: 9:01:01.00 UTC ML= 1.6
 lat: 47.313N lon: 18.437E h= 0.0 km
 erh= 3.3km erz= 735km
 nr= 6 gap=195 rms=0.43
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKSG	9.4	338	Pg	9:01:02.72		0.05
			Sg	01:03.30		-0.68
CSKK	14.5	292	Pg	9:01:04.15		0.57
			Sg	01:05.69		0.10
PKST	31.1	259	Sg	9:01:10.30		-0.58
MORH	123.1	173	Sg	9:01:39.98		-0.13

225.

2022-02-08 time: 9:24:14.62 UTC ML= 1.8
 lat: 47.343N lon: 18.451E h= 0.0 km
 erh= 1.4km erz= 2.1km
 nr= 14 gap=106 rms=0.56
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKSG	7.1	320	PgU	9:24:16.35		0.45
			Sg	24:16.90		0.01
CSKK	14.6	279	Pg	9:24:17.65		0.42
			Sg	24:19.31		0.05
PKST	32.9	254	Pg	9:24:21.17		0.68
			Sg	24:24.78		-0.29
MPLH	71.6	254	Sg	9:24:36.46		-0.93
PKB5	85.9	165	Sg	9:24:41.98		0.06
PSZ	125.9	59	Sg	9:24:54.58		-0.07
MORH	126.1	173	Sg	9:24:54.43		-0.28
PKSM	126.5	173	Sg	9:24:54.38		-0.46
VYHS	131.2	13	Sn	9:24:54.78		-1.48
KOVH	142.0	191	Sn	9:24:58.85		0.19
MODS	144.4	323	Sn	9:24:58.00		-1.20

226.

2022-02-08 time: 9:25:35.19 UTC ML= 1.8
 lat: 48.498N lon: 17.403E h= 0.0 km
 erh= 1.5km erz= 2.5km
 nr= 7 gap=168 rms=0.34
 Locality: Slovakia
 Comments: probably explosion

Földrengés paraméterek

sta	dist	azm	phase	hr mn	sec	res
SMOL	2.6	46	Pg	9:25:35.34		-0.31
			Sg	25:36.35		0.33
MODS	16.6	214	Pg	9:25:38.56		0.41
			Sg	25:40.46		-0.01
KRUC	97.1	310	Sg	9:26:06.07		0.03
RONA	121.1	223	Sg	9:26:13.63		-0.05
CONA	130.9	241	Sn	9:26:16.04		-0.71

227.

2022-02-08 time: 9:55:46.96 UTC ML= 1.2
 lat: 48.003N lon: 16.099E h= 0.0 km
 erh= 1.9km erz= 500km
 nr= 6 gap=146 rms=0.29
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
CONA	19.6	245	Pg	9:55:50.54		0.08
			Sg	55:52.95		-0.23
RONA	36.8	156	Pg	9:55:53.84		0.31
			Sg	55:58.17		-0.49
KRUC	119.8	11	Pg	9:56:08.51		0.17
			Sg	56:24.54		-0.48

228.

2022-02-08 time: 10:11:19.63 UTC ML= 2.4
 lat: 48.891N lon: 20.549E h= 0.0 km
 erh= 2.2km erz= 2.6km
 nr= 19 gap= 61 rms=0.89
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
KECS	45.6	186	Pg	10:11:28.20		0.43
			Sg	11:33.79		-0.33
STHS	77.4	41	Pg	10:11:33.69		0.24
			Sg	11:43.09		-1.14
ABAH	83.5	142	Pg	10:11:35.11		0.57
LANS	84.2	290	Pg	10:11:34.51		-0.15
			Sg	11:45.37		-1.01
PSZ	118.5	204	Pg	10:11:41.19		0.40
			Sg	11:55.67		-1.62
KOLS	126.5	88	Pg	10:11:42.17		-0.05
			Sg	11:56.03		-3.81
VYHS	133.6	251	Pn	10:11:42.85		-0.47
			Sn	11:58.00		-3.80
PENC	154.2	218	Sn	10:12:06.66		0.28
OJC	157.4	340	Pn	10:11:47.60		1.31
			Sn	12:07.12		0.03
TRPA	169.7	120	Sn	10:12:10.49		0.68
MORC	239.7	294	Sn	10:12:26.63		1.28
MODS	247.9	257	Sn	10:12:26.40		-0.77

229.

2022-02-08 time: 10:32:39.55 UTC ML= 2.0
 lat: 48.540N lon: 19.380E h= 0.0 km
 erh= 2.1km erz= 4.3km
 nr= 9 gap=112 rms=0.55
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
VYHS	40.5	263	Pg	10:32:47.23		0.45
			Sg	32:51.44		-0.98
LANS	68.2	5	Pg	10:32:52.25		0.52
			Sg	33:00.78		-0.45
PSZ	79.0	151	Pg	10:32:53.45		-0.21
			Sg	33:04.70		0.04
KECS	82.0	94	Pg	10:32:54.76		0.57
			Sg	33:04.80		-0.81
ABAH	140.3	101	Sn	10:33:22.47		-0.75

Földrengés paraméterek

Hypocenter Parameters

230.

2022-02-08 time: 11:33:40.68 UTC ML= 2.2
 lat: 47.341N lon: 18.418E h= 0.0 km
 erh= 1.3km erz= 2.3km
 nr= 15 gap=104 rms=0.69
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	6.0	340	PgU	11:33:42.12		0.37	
			Sg	33:42.59		-0.01	
CSKK	12.1	282	Pg	11:33:43.47		0.63	
			Sg	33:45.05		0.51	
PKST	30.4	253	Sg	11:33:50.50		0.16	
A338	75.1	356	Sg	11:34:03.86		-0.70	
PKB5	86.4	164	Sg	11:34:08.37		0.24	
PKB4	94.9	171	Sg	11:34:10.58		-0.27	
MORH	126.2	172	Sg	11:34:20.32		-0.48	
PKSM	126.7	172	Sg	11:34:20.12		-0.81	
PSZ	128.2	60	Pg	11:34:04.56		0.99	
			Sg	34:21.08		-0.35	
VYHS	132.0	14	Sn	11:34:20.93		-1.56	
KOVH	141.3	190	Sn	11:34:24.19		-0.37	
MODS	143.1	323	Sn	11:34:22.99		-1.96	

231.

2022-02-08 time: 12:32:42.94 UTC ML= 2.4
 lat: 46.129N lon: 16.394E h= 0.0 km
 erh= 2.3km erz= 4.2km
 nr= 14 gap=141 rms=0.74
 Locality: Croatia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOGS	37.2	343	Pg	12:32:50.92		1.33	
			Sg	32:54.29		-0.48	
PTJ	42.2	233	Pg	12:32:50.87		0.39	
			Sg	32:55.74		-0.63	
BEHE	48.0	38	Sg	12:32:58.41		0.20	
GROS	78.0	298	Pg	12:32:57.25		0.37	
			Sg	33:06.74		-1.01	
CRES	80.0	245	Pg	12:32:57.40		0.17	
			Sg	33:08.85		0.47	
PERS	113.3	300	Pg	12:33:03.48		0.31	
			Sg	33:18.09		-0.86	
SOKA	121.2	300	Sg	12:33:20.30		-1.16	
KOVH	132.0	92	Sn	12:33:22.79		-1.97	
MORH	174.1	87	Sn	12:33:33.70		-0.40	

232.

2022-02-08 time: 13:26:52.19 UTC ML= 1.2
 lat: 45.944N lon: 18.556E h= 0.0 km
 erh= 6.4km erz= 834km
 nr= 7 gap=282 rms=0.73
 Locality: Nagynyárád
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSM	30.5	12	Pg	13:26:58.09		0.46	
			Sg	27:01.90		0.02	
MORH	31.0	13	Pg	13:26:58.49		0.77	
			Sg	27:01.53		-0.50	
KOVH	38.8	294	Pg	13:26:58.82		-0.30	
			Sg	27:04.20		-0.32	
PKB4	61.5	3	Sg	13:27:08.91		-2.82	

233.

2022-02-09 time: 4:25:58.63 UTC ML= 1.0
 lat: 47.803N lon: 16.243E h= 12.8 km
 erh= 1.9km erz= 1.3km
 nr= 13 gap=115 rms=0.50
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.1	161	Pg	4:26:01.90		0.12	
			Sg	26:03.86		-0.38	
SOP	27.1	119	Sg	4:26:08.10		-0.06	
CONA	31.8	296	Pg	4:26:05.39		0.64	
			Sg	26:09.53		0.01	
WINA	36.2	339	Pg	4:26:05.78		0.30	
			Sg	26:10.27		-0.56	
ARSA	81.9	221	Sg	4:26:24.20		-0.78	
ABNA	113.7	328	Pn	4:26:18.09		-0.12	
			Sn	26:31.27		-2.20	
MPLH	120.4	126	Sn	4:26:34.89		-0.06	
KRUC	140.5	5	Pn	4:26:22.09		0.55	
			Sn	26:38.96		-0.45	
KHC	246.3	307	eSn	4:27:05.60		2.70*	

234.

2022-02-09 time: 5:07:51.01 UTC ML= 0.9
 lat: 47.819N lon: 16.201E h= 10.0 km
 erh= 2.0km erz= 1.7km
 nr= 13 gap=113 rms=0.56
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	15.0	152	PgD	5:07:54.61		0.37	
			Sg	07:56.60		-0.15	
CONA	28.2	296	Sg	5:08:00.31		-0.21	
SOP	30.7	119	Pg	5:07:57.05		0.27	
			Sg	08:00.56		-0.72	
WINA	33.5	343	Pg	5:07:57.73		0.47	
			Sg	08:01.82		-0.31	
ARSA	81.2	219	Sg	5:08:16.13		-0.89	
ABNA	110.6	329	Pn	5:08:10.43		-0.12	
			Sn	08:24.08		-1.71	
KRUC	139.0	6	Pn	5:08:14.52		0.43	
			Sn	08:31.71		-0.39	
MOA	144.9	271	Sn	5:08:34.65		1.24	

235.

2022-02-09 time: 5:29:25.26 UTC ML= 0.8
 lat: 47.819N lon: 16.224E h= 11.9 km
 erh= 5.5km erz= 2.9km
 nr= 9 gap=152 rms=0.69
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	14.3	158	PgD	5:29:28.61		0.02	
			Sg	29:30.69		-0.50	
CONA	29.7	294	Sg	5:29:35.91		0.47	
WINA	34.0	341	Pg	5:29:31.99		0.29	
			Sg	29:36.25		-0.47	
ABNA	111.4	328	Pn	5:29:44.60		-0.07	
			Sn	29:58.02		-1.78	
KRUC	138.8	5	Pn	5:29:49.27		1.19	
			Sn	30:05.16		-0.71	

Hypocenter Parameters

Földrengés paraméterek

236.

2022-02-09 time: 8:07:50.45 UTC ML= 0.8
 lat: 47.823N lon: 16.252E h= 12.9 km
 erh= 8.5km erz= 5.5km
 nr= 8 gap=125 rms=0.64
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	14.1	166	PgD	8:07:54.02			0.15
			Sg	07:55.94			-0.60
SOP	27.7	124	Sg	8:07:59.84			-0.34
CONA	31.5	292	Pg	8:07:57.51			0.98
			Sg	08:00.74			-0.54
ABNA	112.2	327	Pn	8:08:09.71			-0.11
			Sn	08:23.71			-1.21
KRUC	138.2	4	Sn	8:08:31.30			0.61

237.

2022-02-09 time: 8:23:52.34 UTC ML= 1.1
 lat: 47.815N lon: 16.212E h= 11.2 km
 erh= 2.2km erz= 1.7km
 nr= 14 gap=114 rms=0.57
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	14.3	154	PgD	8:23:55.89			0.30
			Sg	23:57.82			-0.30
CONA	29.1	296	Pg	8:23:58.77			0.87
			Sg	24:01.48			-0.76
SOP	29.8	119	Pg	8:23:58.22			0.19
			Sg	24:01.71			-0.76
WINA	34.1	342	Pg	8:23:58.68			-0.06
			Sg	24:03.59			-0.15
ARSA	81.5	220	Pg	8:24:06.53			-0.49
ABNA	111.3	329	Pn	8:24:11.58			-0.23
			Sn	24:25.70			-1.30
KRUC	139.3	6	Pn	8:24:15.94			0.64
			Sn	24:33.02			-0.19
MOA	145.7	271	Sn	8:24:35.69			1.04

238.

2022-02-09 time: 8:54:20.37 UTC ML= 1.8
 lat: 48.607N lon: 20.779E h= 7.1 km
 erh= 2.2km erz= 2.1km
 nr= 11 gap= 91 rms=0.58
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
KECS	25.7	238	Pg	8:54:25.26			0.13
			Sg	54:28.40			-0.44
ABAH	48.5	135	Pg	8:54:29.68			0.56
			Sg	54:35.88			-0.07
STHS	96.2	21	Sg	8:54:50.26			-0.78
PSZ	100.9	221	Pg	8:54:38.31			-0.12
			Sg	54:51.32			-1.20
LANS	113.6	302	Sn	8:54:55.79			-0.71
TRPA	140.8	112	Sn	8:55:02.31			-0.21
VYHS	144.0	265	Pn	8:54:45.34			0.89
			Sn	55:04.02			0.78

239.

2022-02-09 time: 10:08:12.54 UTC ML= 1.6
 lat: 47.989N lon: 20.368E h= 0.0 km
 erh= 2.6km erz= 535km
 nr= 8 gap=195 rms=0.38
 Locality: Szarvaskő
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	36.2	257	Pg	10:08:19.30			0.29
			Sg	08:24.33			0.28
KECS	55.7	9	Pg	10:08:22.62			0.14
			Sg	08:30.55			0.32
ABAH	73.3	62	Pg	10:08:25.73			0.09
			Sg	08:35.44			-0.41
VYHS	126.9	296	Pg	10:08:34.69			-0.51
			Sg	08:51.20			-1.67

240.

2022-02-09 time: 11:00:21.05 UTC ML= 1.8
 lat: 48.150N lon: 16.893E h= 0.0 km
 erh= 2.3km erz= 553km
 nr= 7 gap=173 rms=0.36
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	37.9	49	Pg	11:00:27.75			-0.07
			Sg	00:32.88			-0.21
RONA	67.0	222	Pg	11:00:33.18			0.16
			Sg	00:41.91			-0.44
CONA	80.7	252	Sg	11:00:46.83			0.11
KRUC	107.9	340	Pg	11:00:40.81			0.49
			Sg	00:54.47			-0.87

241.

2022-02-09 time: 12:13:10.52 UTC ML= 1.8
 lat: 47.944N lon: 20.184E h= 0.0 km
 erh= 3.3km erz= 566km
 nr= 7 gap=192 rms=0.38
 Locality: Sirok
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	21.8	262	Pg	12:13:14.41			-0.01
			Sg	13:17.92			0.46
KECS	64.0	21	Sg	12:13:30.17			-0.68
PENC	69.7	256	Sg	12:13:32.08			-0.58
ABAH	87.8	64	Pg	12:13:26.05			-0.15
			Sg	13:38.91			0.49
VYHS	117.3	301	Pg	12:13:31.78			0.30

242.

2022-02-09 time: 12:31:00.59 UTC ML= 1.9
 lat: 48.484N lon: 19.423E h= 0.0 km
 erh= 2.0km erz= 634km
 nr= 8 gap=121 rms=0.45
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	43.4	271	Pg	12:31:08.58			0.24
			Sg	31:13.70			-0.68
PSZ	72.0	151	Pg	12:31:13.70			0.24
			Sg	31:23.24			-0.25
LANS	74.2	3	Pg	12:31:14.41			0.57
			Sg	31:23.40			-0.77
KECS	78.6	90	Pg	12:31:14.71			0.08
			Sg	31:24.85			-0.72

243.

2022-02-09 time: 15:13:25.09 UTC ML= 1.2
 lat: 47.799N lon: 16.220E h= 15.1 km
 erh= 2.8km erz= 1.9km
 nr= 12 gap= 77 rms= 0.67
 Locality: Austria
 Comments:

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.5	153	PgD	15:13:28.71	0.13		
			Sg	13:30.69	-0.61		
SOP	28.5	117	Pg	15:13:31.40	0.56		
			Sg	13:34.43	-0.90		
CONA	30.4	298	Sg	15:13:34.81	-1.07		
ARSA	80.5	221	P*	15:13:40.16	0.49		
			S*	13:50.27	-0.77		
MODS	101.4	51	Sn	15:13:55.80	-0.90		
ABNA	113.2	329	Pn	15:13:44.83	0.52		
			Sn	13:58.75	-0.55		
KRUC	141.0	5	Pn	15:13:48.82	1.03		
			Sn	14:05.44	-0.05		

244.

2022-02-09 time: 20:29:51.72 UTC ML= 2.1
lat: 47.852N lon: 16.233E h= 6.3 km
erh= 1.6km erz= 1.5km
nr= 39 gap= 63 rms=0.94
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	17.6	164	PgD	20:29:54.98	-0.08		
			Sg	29:57.02	-0.65		
CONA	29.0	287	Pg	20:29:57.37	0.35		
			Sg	30:01.09	-0.07		
WINA	30.8	337	Pg	20:29:58.48	1.16		
			Sg	30:02.60	0.90		
SOP	30.8	128	PgD	20:29:57.37	0.04		
			Sg	30:00.90	-0.81		
ARSA	85.6	219	Pg	20:30:06.66	-0.39		
			Sg	30:16.32	-2.69		
EGYH	95.7	120	Sg	20:30:22.01	-0.20		
MODS	97.0	53	Pg	20:30:09.00	-0.08		
			Sg	30:21.68	-0.93		
ABNA	108.6	327	Pg	20:30:10.85	-0.30		
			Sg	30:24.51	-1.80		
SMOL	115.4	50	Pn	20:30:12.04	-0.30		
			Sn	30:27.89	-0.53		
MPLH	124.3	128	Pn	20:30:13.17	-0.27		
			Sn	30:29.71	-0.67		
KRUC	135.0	5	Pn	20:30:14.84	0.06		
			Sn	30:31.76	-1.01		
MOA	147.2	270	Pn	20:30:17.42	1.12		
			Sn	30:35.23	-0.25		
PKST	150.8	116	Pn	20:30:17.85	1.10		
			Sn	30:35.56	-0.71		
KOGS	156.1	180	Pn	20:30:18.94	1.53		
SOKA	159.1	215	Pn	20:30:18.74	0.96		
PERS	159.5	212	Pn	20:30:20.05	2.22		
			Sn	30:38.07	-0.13		
GROS	164.3	200	Pn	20:30:20.82	2.39		
			Sn	30:39.68	0.41		
BIOA	195.3	265	Pn	20:30:22.22	-0.08		
			Sn	30:43.73	-2.42		
OBKA	196.5	221	Pn	20:30:21.54	-0.90		
			Sn	30:44.61	-1.80		
KBA	234.2	248	Pn	20:30:26.28	-0.86		
			Sn	30:53.15	-1.62		
LESA	271.4	260	Pn	20:30:31.03	-0.76		
			Sn	31:01.29	-1.76		

245.

2022-02-09 time: 20:33:28.54 UTC ML= 1.0
lat: 47.915N lon: 16.410E h= 16.5 km
erh= 2.3km erz= 1.6km
nr= 12 gap=105 rms=0.57
Locality: Austria
Comments:

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
RONA	25.4	200	Pg	20:33:33.85	-0.10		
			Sg	33:35.71	-2.46		
SOP	28.1	157	Pg	20:33:34.95	0.60		
			Sg	33:38.67	-0.22		
WINA	33.0	310	Pg	20:33:34.98	-0.15		
			Sg	33:39.43	-0.84		
CONA	41.0	272	Pg	20:33:37.20	0.77		
			Sg	33:42.40	-0.19		
MODS	82.3	52	S*	20:33:53.97	-0.76		
			Sn	20:33:59.14	-0.24		
ARSA	99.5	222	Pn	20:33:47.81	0.52		
			Sn	34:01.60	-0.31		

246.

2022-02-10 time: 4:53:28.99 UTC ML= 1.3
lat: 47.789N lon: 16.229E h= 15.4 km
erh= 1.7km erz= 1.1km
nr= 15 gap= 78 rms=0.52
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	11.2	153	PgD	4:53:32.59	0.21		
			Sg	53:34.60	-0.43		
SOP	27.4	116	Pg	4:53:34.98	0.39		
			Sg	53:38.32	-0.64		
CONA	31.5	299	Pg	4:53:35.39	0.14		
			Sg	53:38.85	-1.29		
WINA	37.2	342	Pg	4:53:36.44	0.26		
			Sg	53:42.27	0.48		
ARSA	80.1	222	P*	4:53:44.04	0.56		
			S*	53:54.14	-0.64		
MODS	101.6	50	Pn	4:53:46.87	0.15		
			Sn	53:59.84	-0.72		
ABNA	114.4	329	Pn	4:53:48.63	0.30		
			Sn	54:02.11	-1.30		
KRUC	142.0	5	Sn	4:54:09.56	0.03		
KHC	246.4	307	eSn	4:54:35.00	2.31*		

247.

2022-02-10 time: 5:14:33.28 UTC ML= 1.6
lat: 47.802N lon: 16.241E h= 14.7 km
erh= 1.9km erz= 1.3km
nr= 17 gap= 75 rms=0.58
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.1	160	PgD	5:14:36.54	-0.14		
			Sg	14:38.50	-0.83		
SOP	27.2	119	Pg	5:14:39.03	0.23		
			Sg	14:42.39	-0.72		
CONA	31.7	296	Pg	5:14:39.87	0.36		
			Pg	5:14:40.38	0.12		
WINA	36.2	340	Sg	14:45.42	-0.29		
			P*	5:14:48.19	0.11		
ARSA	81.7	221	S*	14:57.94	-1.68		
			P*	5:14:50.71	0.99		
EGYH	92.5	118	S*	15:02.72	0.18		
			P*	5:14:51.07	0.20		
MODS	100.0	51	S*	15:03.79	-0.80		
			Pn	5:14:52.42	-0.19		
ABNA	113.7	328	Sn	15:06.11	-1.58		
			Pn	5:14:56.67	0.71		
KRUC	140.6	5	Sn	15:13.46	-0.20		

Hypocenter Parameters

248.

2022-02-10 time: 8:00:58.43 UTC ML= 1.8
 lat: 46.961N lon: 22.719E h= 0.0 km
 erh= 3.1km erz= 2.1km
 nr= 7 gap=312 rms=0.30
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	18.8	182	Pg	8:01	:01	.76	-0.03
			Sg		:01	:47	0.36
SIRR	111.9	226	Pg	8:01	:18	.63	0.21
			Sg		:01	:33	-0.41
BZS	171.9	210	Sn	8:01	:48	.95	-0.15
GZR	174.3	179	Pn	8:01	:27	.16	-0.04
			Sn			:47	-1.99

249.

2022-02-10 time: 8:53:04.10 UTC ML= 1.5
 lat: 47.336N lon: 18.449E h= 0.0 km
 erh= 1.7km erz= 2.7km
 nr= 11 gap=114 rms=0.50
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	7.6	324	PgU	8:53	:05	.96	0.51
			Sg		:53	:06	-0.32
CSKK	14.6	282	PgU	8:53	:07	.29	0.59
			Sg		:53	:08	0.03
PKST	32.6	255	Pg	8:53	:09	.86	-0.05
			Sg		:53	:13	-1.03
MORH	125.5	173	Sg	8:53	:43	.90	-0.08
PKSM	125.9	173	Sg	8:53	:44	.15	0.04
PSZ	126.4	59	Sg	8:53	:43	.90	-0.38
VYHS	131.9	13	Sn	8:53	:44	.60	-1.29
KOVH	141.3	191	Sn	8:53	:48	.21	0.23

250.

2022-02-10 time: 9:32:37.13 UTC ML= 1.8
 lat: 48.543N lon: 17.458E h= 0.0 km
 erh= 2.3km erz= 4.2km
 nr= 11 gap=147 rms=0.66
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	3.9	213	Pg	9:32	:38	.05	0.22
			Sg		32	:38	0.33
MODS	23.1	215	Pg	9:32	:41	.76	0.51
			Sg		32	:44	0.25
KRUC	97.1	306	Pg	9:32	:54	.97	0.51
			Sg		33	:06	-1.32
VYHS	102.0	93	Pg	9:32	:55	.67	0.33
			Sg		33	:08	-0.73
RONA	127.6	223	Pg	9:33	:00	.04	0.13
			Sg		33	:15	-1.72
CONA	136.9	240	Sn	9:33	:18	.87	-1.16

251.

2022-02-10 time: 9:39:12.84 UTC ML= 1.7
 lat: 48.324N lon: 18.534E h= 0.0 km
 erh= 2.4km erz= 5.1km
 nr= 11 gap=112 rms=0.71
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	29.3	50	Pg	9:39	:18	.66	0.60
			Sg		39	:22	-0.11

Földrengés paraméterek

SMOL	84.5	284	Pg	9:39:28.30	0.37
			Sg	39:39.50	-0.20
MODS	93.3	273	Pg	9:39:30.41	0.90
			Sg	39:41.56	-0.95
PSZ	110.9	114	Pg	9:39:33.02	0.38
			Sg	39:47.28	-0.80
LANS	114.7	37	Sg	9:39:47.84	-1.46
PKST	124.2	198	Sg	9:39:51.50	-0.82
KECS	145.6	83	Sn	9:39:56.77	-0.90

252.

2022-02-10 time: 9:46:31.95 UTC ML= 1.7
 lat: 46.050N lon: 22.083E h= 0.0 km
 erh= 2.3km erz= 729km
 nr= 8 gap=113 rms=0.52
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SIRR	40.7	306	Pg	9:46	:39	.82	0.60
			Sg		46	:44	-0.54
BZS	60.3	217	Pg	9:46	:42	.84	0.13
			Sg		46	:50	-0.84
GZR	90.8	143	Pg	9:46	:48	.56	0.40
			Sg		47	:00	-0.80
DRGR	95.6	30	Pg	9:46	:49	.26	0.24
			Sg		47	:01	-0.72

253.

2022-02-10 time: 9:53:52.45 UTC ML= 1.0
 lat: 47.973N lon: 16.096E h= 0.0 km
 erh= 2.2km erz= 599km
 nr= 6 gap=143 rms=0.35
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	18.2	254	Pg	9:53	:55	.72	0.03
			Sg		53	:58	-0.06
RONA	33.9	154	Pg	9:53	:58	.26	-0.24
			Sg		54	:03	0.24
KRUC	123.1	10	Pg	9:54	:14	.86	0.42
			Sg		54	:30	-1.06

254.

2022-02-10 time: 9:59:59.92 UTC ML= 2.0
 lat: 48.608N lon: 20.768E h= 0.0 km
 erh= 2.0km erz= 3.0km
 nr= 11 gap= 91 rms=0.65
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	25.1	236	Pg	10:00	:05	.01	0.61
			Sg		00	:08	0.41
ABAH	49.2	135	Pg	10:00	:08	.87	0.16
			Sg		00	:15	-0.39
STHS	96.4	21	Pg	10:00	:17	.52	0.38
PSZ	100.5	220	Sg	10:00	:30	.81	-1.05
LANS	112.8	302	Pg	10:00	:20	.42	0.35
			Sg		00	:34	-0.91
TRPA	141.6	112	Pn	10:00	:24	.91	0.30
			Sn		00	:42	-1.85
VYHS	143.2	265	Sn	10:00	:42	.92	-1.31

Földrengés paraméterek

255.

2022-02-10 time: 11:11:57.07 UTC ML= 0.6
 lat: 47.240N lon: 18.259E h= 0.0 km
 erh= 2.0km erz= 257km
 nr= 6 gap=247 rms=0.16
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	13.7	1	Pg	11:11:59	67	0.15	
			Sg	12:01:65		0.22	
PKST	17.1	277	Pg	11:12:00	11	-0.02	
			Sg	12:02:30		-0.21	
PKSG	19.6	31	Pg	11:12:00	57	-0.01	
			Sg	12:03:00		-0.31	

256.

2022-02-10 time: 11:30:04.87 UTC ML= 0.9
 lat: 47.180N lon: 18.204E h= 0.0 km
 erh= 3.5km erz= 433km
 nr= 6 gap=273 rms=0.25
 Locality: Csór
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	15.5	304	Pg	11:30:07	65	0.01	
			Sg	30:10:04		0.23	
CSKK	20.8	12	Pg	11:30:08	36	-0.22	
			Sg	30:11:01		-0.46	
PKSG	27.4	31	Pg	11:30:09	86	0.09	
			Sg	30:14:09		0.50	

257.

2022-02-10 time: 13:59:33.56 UTC ML= 1.1
 lat: 47.808N lon: 16.232E h= 12.4 km
 erh= 4.3km erz= 3.0km
 nr= 12 gap=137 rms=0.71
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	13.0	158	Pg	13:59:36	76	0.00	
			Sg	59:38:72		-0.55	
SOP	28.1	120	Pg	13:59:39	08	0.04	
			Sg	59:42:64		-0.69	
CONA	30.8	296	Pg	13:59:39	82	0.34	
			Sg	59:44:52		0.42	
WINA	35.3	340	Sg	13:59:44	39	-1.06	
MODS	100.1	51	P*	13:59:51	95	0.59	
ABNA	112.8	328	Pn	13:59:52	49	-0.58	
			Sn	14:00:06	29	-1.99	
KRUC	139.9	5	Pn	13:59:57	91	1.46	
			Sn	14:00:13	99	-0.32	

258.

2022-02-10 time: 15:40:03.22 UTC ML= 0.8
 lat: 47.809N lon: 16.233E h= 12.3 km
 erh= 2.3km erz= 2.0km
 nr= 12 gap=115 rms=0.54
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	13.1	159	Pg	15:40:06	64	0.22	
			Sg	40:08:65		-0.27	
SOP	28.1	120	Pg	15:40:08	93	0.23	
			Sg	40:12:52		-0.46	
CONA	30.8	296	Pg	15:40:09	97	0.83	
WINA	35.2	340	Pg	15:40:09	69	-0.19	
			Sg	40:14:26		-0.82	

Hypocenter Parameters

ARSA	81.9	221	Sg	15:40:28.75	-0.81
ABNA	112.7	328	Pn	15:40:22.86	0.12
			Sn	40:35.75	-2.21
KRUC	139.8	5	Pn	15:40:26.54	0.42
			Sn	40:43.59	-0.39

259.

2022-02-10 time: 17:22:58.31 UTC ML= 1.7
 lat: 47.846N lon: 16.236E h= 3.7 km
 erh= 1.8km erz= 2.0km
 nr= 29 gap= 46 rms=0.96
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	16.8	164	Pg	17:23:01	45	0.07	
			Sg	23:03:35		-0.43	
CONA	29.5	288	Pg	17:23:03	96	0.35	
SOP	30.1	127	Pg	17:23:03	83	0.10	
			Sg	23:07:28		-0.67	
WINA	31.6	337	Pg	17:23:05	11	1.13	
			Sg	23:09:76		1.35	
ARSA	85.2	219	Pg	17:23:12	76	-0.77	
			Sg	23:23:63		-1.78	
EGYH	95.1	120	Pg	17:23:16	11	0.81	
			Sg	23:28:39		-0.17	
MODS	97.3	53	Pg	17:23:15	81	0.12	
			Sg	23:27:96		-1.28	
ABNA	109.4	327	Pg	17:23:17	59	-0.27	
			Sg	23:30:54		-2.57	
SMOL	115.7	50	Sg	17:23:34	89	-0.21	
MPLH	123.6	127	Sn	17:23:35	79	-1.63	
KRUC	135.8	5	PnD	17:23:21	13	-0.67	
			Sn	23:38:28		-1.85	
MOA	147.5	270	Pn	17:23:23	94	0.68	
			Sn	23:42:28		-0.44	
PKST	150.2	116	Pn	17:23:24	24	0.64	
KOGS	155.4	180	Sn	17:23:45	13	0.66	
SRO	155.6	91	Sn	17:23:45	68	1.16	
SOKA	158.6	215	Sn	17:23:44	27	-0.92	
BIOA	195.5	265	Pn	17:23:30	85	1.60	
			Sn	23:55:05		1.67	
VYHS	206.4	70	ePn	17:23:33	00	2.39	
ZVC	232.6	320	eSn	17:24:04	30	2.69	

260.

2022-02-10 time: 22:02:07.60 UTC ML= 1.2
 lat: 47.799N lon: 16.262E h= 16.1 km
 erh= 2.3km erz= 1.5km
 nr= 17 gap= 70 rms=0.75
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	11.4	167	Pg	22:02:11	26	0.14	
			Sg	02:13:10		-0.76	
SOP	25.7	120	Pg	22:02:13	65	0.64	
			Sg	02:16:93		-0.31	
CONA	33.2	296	Pg	22:02:13	93	-0.26	
			Sg	02:19:64		0.31	
WINA	37.1	338	Pg	22:02:15	03	0.22	
			Sg	02:19:68		-0.76	
ARSA	82.6	222	P*	22:02:22	19	-0.20	
			S*	02:32:97		-0.96	
MODS	99.0	50	S*	22:02:37	58	-0.81	
ABNA	114.8	328	Pn	22:02:27	11	0.23	
			Sn	02:40:37		-1.56	
KRUC	140.8	4	Pn	22:02:30	86	0.74	
			Sn	02:47:91		0.22	
MOA	149.6	272	Pn	22:02:34	30	3.08	
			Sn	02:51:99		2.35	

Hypocenter Parameters

261.

2022-02-10 time: 23:02:01.58 UTC ML= 1.1
 lat: 47.810N lon: 16.274E h= 11.8 km
 erh= 4.1km erz= 3.9km
 nr= 5 gap=141 rms=0.14
 Locality: Austria
 Comments:

sta dist azm phase hr mn sec res
 RONA 12.3 172 Pg 23:02:04.81 0.19
 Sg 02:06.76 -0.24
 SOP 25.5 123 Sg 23:02:10.53 0.01
 ARSA 84.0 222 Pg 23:02:16.66 -0.07
 KRUC 139.5 4 Sn 23:02:42.36 -0.02

262.

2022-02-11 time: 8:03:23.94 UTC ML= 1.3
 lat: 47.000N lon: 17.980E h= 0.0 km
 erh= 2.0km erz= 3.7km
 nr= 12 gap= 95 rms=0.69
 Locality: Alsóörs
 Comments: probably explosion

sta dist azm phase hr mn sec res
 TIH 13.0 211 Pg 8:03:27.56 1.31
 PKST 29.1 8 Pg 8:03:28.77 -0.36
 Sg 03:33.39 0.21
 MPLH 38.4 299 Pg 8:03:30.98 0.18
 Sg 03:36.30 0.15
 CSKK 45.6 28 Sg 8:03:38.00 -0.44
 PKSG 53.5 36 Sg 8:03:41.42 0.47
 MORH 100.9 150 Sg 8:03:55.53 -0.50
 PKSM 101.2 150 Sg 8:03:55.83 -0.28
 KOVH 101.8 175 Sg 8:03:55.23 -1.06
 RONA 149.1 301 Sn 8:04:08.08 -1.47
 PSZ 176.8 55 Sn 8:04:16.31 0.61

263.

2022-02-11 time: 8:36:14.49 UTC ML= 1.9
 lat: 47.002N lon: 22.259E h= 0.0 km
 erh= 4.3km erz= 4.7km
 nr= 10 gap=160 rms=0.94
 Locality: Romania
 Comments: probably explosion

sta dist azm phase hr mn sec res
 DRGR 41.6 124 PgU 8:36:22.73 0.80
 Sg 36:27.15 -0.58
 SIRR 93.6 209 Pg 8:36:31.26 0.05
 Sg 36:42.81 -1.45
 TRPA 127.2 10 Pg 8:36:36.89 -0.32
 Sg 36:52.85 -2.08
 BZS 161.7 198 Pn 8:36:42.31 0.62
 Sn 37:01.59 -1.32
 GZR 183.2 167 Pn 8:36:45.72 1.35
 Sn 37:07.61 -0.06

264.

2022-02-11 time: 9:03:40.69 UTC ML= 1.8
 lat: 48.635N lon: 20.729E h= 0.0 km
 erh= 1.6km erz= 2.3km
 nr= 11 gap=171 rms=0.42
 Locality: Slovakia
 Comments: probably explosion

sta dist azm phase hr mn sec res
 KECS 24.6 227 Pg 9:03:44.82 -0.26
 Sg 03:48.43 -0.08
 ABAH 53.4 135 Pg 9:03:50.30 0.08
 Sg 03:57.32 -0.33

Földrengés paraméterek

PSZ	100.9	218	Pg	9:03:59.23	0.53
			Sg	04:12.68	-0.08
LANS	108.8	302	Pg	9:04:00.49	0.37
			Sg	04:15.00	-0.27
VYHS	140.5	264	Pn	9:04:05.46	0.21
			Sn	04:23.17	-1.23
TRPA	145.4	113	Sn	9:04:22.74	-2.74*

265.

2022-02-11	time:	10:03:25.66	UTC	ML= 0.8
lat: 47.222N	lon:	18.281E	h= 0.0 km	
erh= 1.3km	erz= 164km			
nr= 6	gap=259	rms=0.10		
Locality: Iszkaszentgyörgy				
Comments: probably explosion				

sta	dist	azm	phase	hr mn sec	res
CSKK	15.8	354	Pg	10:03:28.53	0.04
			Sg	03:30.51	-0.18
PKST	19.2	283	Pg	10:03:28.99	-0.09
			Sg	03:31.90	0.14
PKSG	20.7	24	Pg	10:03:29.44	0.09
			Sg	03:32.17	-0.06

266.

2022-02-11	time:	10:50:57.53	UTC	ML= 1.5
lat: 46.964N	lon:	22.674E	h= 0.0 km	
erh= 4.1km	erz= 3.7km			
nr= 5	gap=306	rms=0.30		
Locality: Romania				
Comments: probably explosion				

sta	dist	azm	phase	hr mn sec	res
DRGR	19.4	172	PgU	10:51:01.11	0.12
			Sg	51:03.77	0.08
SIRR	109.7	225	Sg	10:51:32.39	-0.01
GZR	174.8	177	Pn	10:51:26.32	-0.04
			Sn	51:47.10	-1.74

267.

2022-02-11	time:	11:41:51.41	UTC	ML= 1.6
lat: 47.000N	lon:	22.302E	h= 0.0 km	
erh= 3.3km	erz= 735km			
nr= 5	gap=157	rms=0.33		
Locality: Romania				
Comments: probably explosion				

sta	dist	azm	phase	hr mn sec	res
DRGR	38.9	127	Pg	11:41:58.52	0.17
			Sg	42:03.54	-0.23
SIRR	95.2	211	Pg	11:42:08.71	0.30
			Sg	42:20.76	-0.91
TRPA	126.9	8	Pg	11:42:13.99	-0.08

268.

2022-02-11	time:	12:15:13.04	UTC	ML= 2.0
lat: 48.887N	lon:	21.641E	h= 0.0 km	
erh= 1.9km	erz= 2.8km			
nr= 13	gap= 99	rms=0.62		
Locality: Slovakia				
Comments: probably explosion				

sta	dist	azm	phase	hr mn sec	res
STHS	65.7	334	Pg	12:15:24.94	0.17
			Sg	15:33.68	-0.24
ABAH	72.1	204	Pg	12:15:26.25	0.34
			Sg	15:34.94	-1.00
KECS	96.2	242	Pg	12:15:31.02	0.80
			Sg	15:41.47	-2.14
TRPA	107.1	142	Pg	12:15:32.23	0.05

Földrengés paraméterek

Hypocenter Parameters

KWP	113.5	43	Sg	15:46.64	-0.46
LANS	161.6	280	Sg	12:15:48.24	-0.89
PSZ	168.3	230	Sn	12:16:01.89	0.45
DRGR	246.3	161	Sn	12:16:02.70	-0.21
			Pn	12:15:51.46	0.67
			Sn	16:20.38	0.14

269.

2022-02-11 time: 19:53:46.05 UTC ML= 2.0
lat: 46.437N lon: 16.223E h= 9.9 km
erh= 1.7km erz= 1.3km
nr= 17 gap=138 rms=0.43
Locality: Slovenia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOGS	2.4	61	Pg	19:53:47.72	-0.15		
			Sg	53:48.82	-0.47		
GROS	55.5	273	Pg	19:53:56.36	0.25		
			Sg	54:02.96	-1.00		
PTJ	63.2	199	Sg	19:54:05.87	-0.50		
GOLS	66.2	224	iPg	19:53:58.56	0.56		
			iSg	54:07.22	-0.10		
GCIS	78.3	216	iSg	19:54:10.88	-0.26		
PERS	87.7	285	Pg	19:54:02.08	0.27		
			Sg	54:14.37	0.27		
CRES	90.1	221	Pg	19:54:02.68	0.44		
			Sg	54:13.97	-0.90		
SOKA	95.1	286	Pg	19:54:03.32	0.19		
ARSA	105.0	329	P*	19:54:04.86	0.02		
			S*	54:17.48	-2.01*		
OBKA	128.8	274	Pn	19:54:08.14	0.26		
			Sn	54:24.34	-0.57		

270.

2022-02-12 time: 3:48:59.05 UTC ML= 2.0
lat: 46.468N lon: 16.179E h= 9.8 km
erh= 1.7km erz= 2.0km
nr= 30 gap= 86 rms=0.81
Locality: Slovenia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOGS	5.9	112	Pg	3:49:00.60	-0.49		
			Sg	49:01.68	-1.00		
BEHE	45.8	90	Pg	3:49:07.23	-0.18		
			Sg	49:13.10	-0.84		
GROS	52.0	269	iPg	3:49:08.76	0.26		
			iSg	49:15.86	-0.01		
DOBS	65.1	237	iPg	3:49:11.40	0.59		
			iSg	49:19.64	-0.35		
PTJ	65.4	195	Sg	3:49:19.55	-0.52		
GOLS	66.4	220	iPg	3:49:11.49	0.46		
			iSg	49:20.20	-0.19		
GCIS	79.2	213	iPg	3:49:14.69	1.39		
			iSg	49:23.53	-0.89		
PERS	83.6	283	iPg	3:49:15.62	1.55		
			iSg	49:27.82	2.02		
LEGS	88.0	229	iPg	3:49:15.02	0.16		
			iSg	49:26.09	-1.11		
ZAVS	88.8	268	iPg	3:49:16.11	1.12		
			iSg	49:26.35	-1.09		
CRES	90.6	218	Pg	3:49:15.48	0.16		
			Sg	49:27.26	-0.75		
SOKA	90.9	285	Pg	3:49:14.86	-0.52		
			Sg	49:25.35	-2.77		
ARSA	100.3	330	Pg	3:49:16.56	-0.49		
			Sg	49:30.33	-0.76		
PDKS	101.7	244	iPg	3:49:17.78	0.49		
OBKA	125.3	272	Sn	3:49:35.82	-1.32		
RONA	137.2	4	Pn	3:49:22.11	0.17		
			Sn	49:39.59	-0.20		
KOVH	153.9	106	Sn	3:49:43.56	0.05		

271.

2022-02-12 time: 12:13:28.54 UTC ML= 1.6
lat: 45.672N lon: 22.082E h= 0.0 km
erh= 3.4km erz= 5.0km
nr= 8 gap=141 rms=0.59
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
BZS	36.8	260	Pg	12:13:35.62	0.50		
			Sg	13:40.04	-0.20		
GZR	62.5	120	Pg	12:13:39.84	0.14		
			Sg	13:47.47	-0.93		
SIRR	73.8	334	Sg	12:13:51.69	-0.32		
DRGR	133.6	21	Pn	12:13:52.39	0.16		
			Sn	14:08.56	-2.15		
CJR	164.6	45	Sn	12:14:18.40	0.81		

272.

2022-02-12 time: 17:58:49.78 UTC ML= 0.8
lat: 47.820N lon: 16.236E h= 12.9 km
erh= 2.2km erz= 1.8km
nr= 12 gap=117 rms=0.52
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	14.1	161	PgD	17:58:53.41	0.22		
			Sg	58:55.50	-0.35		
SOP	28.5	122	Pg	17:58:55.80	0.43		
			Sg	58:59.21	-0.52		
CONA	30.5	293	Pg	17:58:56.19	0.50		
			Sg	59:00.71	0.41		
WINA	34.2	339	Pg	17:58:56.07	-0.23		
			Sg	59:00.52	-0.88		
ARSA	83.0	220	Sg	17:59:15.37	-1.10		
ABNA	111.8	328	Pn	17:59:09.65	0.55		
			Sn	59:23.50	-0.68		
KRUC	138.6	5	Sn	17:59:30.18	0.05		

273.

2022-02-12 time: 19:23:23.99 UTC ML= 1.1
lat: 47.821N lon: 16.231E h= 10.3 km
erh= 1.3km erz= 1.2km
nr= 20 gap= 70 rms=0.53
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	14.4	160	PgD	19:23:27.51	0.37		
			Sg	23:29.44	-0.16		
SOP	28.9	122	Pg	19:23:29.79	0.32		
			Sg	23:33.28	-0.47		
CONA	30.1	293	Pg	19:23:29.69	0.02		
			Sg	23:33.36	-0.74		
WINA	33.9	340	Pg	19:23:30.54	0.22		
			Sg	23:34.49	-0.77		
ARSA	82.9	220	Pg	19:23:38.98	0.08		
			Sg	23:49.70	-0.83		
MODS	99.2	52	ePg	19:23:42.00	0.20		
			eSg	23:54.80	-0.90		
ABNA	111.5	328	Pn	19:23:43.39	-0.22		
			Sn	23:57.07	-1.85		
MPLH	122.3	126	Sn	19:24:00.95	-0.36		
KRUC	138.5	5	Pn	19:23:47.54	0.56		
			Sn	24:04.16	-0.75		
MOA	147.2	271	Pn	19:23:48.82	0.76		
			Sn	24:07.49	0.66		
TREC	172.8	341	eSn	19:24:13.90	1.37		

Hypocenter Parameters

274.

2022-02-13 time: 17:18:11.18 UTC ML= 2.5
 lat: 46.051N lon: 22.121E h= 0.5 km
 erh= 1.3km erz= 1.6km
 nr= 48 gap= 47 rms=0.87
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
SURR	33.0	180	PgC	17:18:17.62			0.54
			Sg	18:21.80			0.12
SIRR	43.0	304	Pg	17:18:19.32			0.47
			Sg	18:24.26			-0.58
BZS	62.2	219	Pg	17:18:22.14			-0.15
			Sg	18:30.08			-0.87
DEV	63.5	107	Pg	17:18:22.27			-0.24
GZR	89.2	145	PgD	17:18:27.16			0.06
			Sg	18:37.74			-1.79
DRGR	94.0	29	Pg	17:18:28.12			0.16
			Sg	18:38.71			-2.34
MARR	103.5	48	PgD	17:18:29.66			-0.01
			Sg	18:42.50			-1.59
BANR	106.8	226	Pg	17:18:30.74			0.48
			Sg	18:44.53			-0.61
AMBH	112.7	287	PgU	17:18:31.28			-0.02
			Sg	18:45.73			-1.27
BORR	118.3	347	PgC	17:18:33.12			0.82
			Sg	18:47.90			-0.88
HERR	132.1	170	PnD	17:18:34.63			0.01
			Sn	18:50.30			-2.61
CJR	135.4	57	PnD	17:18:34.99			-0.04
			Sn	18:51.70			-1.94
MESR	137.6	27	PnD	17:18:36.06			0.75
			Sn	18:52.50			-1.64
MDVR	144.7	193	PnC	17:18:36.67			0.48
			Sn	18:54.30			-1.41
LOT	144.8	118	PnC	17:18:36.26			0.06
			Sn	18:54.50			-1.22
LTVH	149.2	354	Pn	17:18:37.74			0.99
			Sn	18:55.91			-0.79
MDB	175.0	87	PnC	17:18:41.40			1.43
			Sn	19:03.20			0.76
SRE	176.2	151	PnC	17:18:41.65			1.53
			Sn	19:02.90			0.20
ARCR	206.2	56	PnC	17:18:43.83			-0.03
			Sn	19:09.10			-0.26
FRGS	207.1	241	Pn	17:18:44.91			0.94
			Sn	19:10.26			0.71
BMR	208.6	30	PnD	17:18:45.61			1.45
			Sn	19:09.80			-0.08
ARR	209.9	111	PnD	17:18:45.73			1.41
			Sn	19:11.10			0.92
VOIR	237.9	107	PnC	17:18:49.08			1.26
			Sn	19:17.30			0.90
DOPR	253.3	92	PnD	17:18:50.78			1.05
BURA	293.3	54	PnC	17:18:55.93			1.21
			Sn	19:29.30			0.62*

275.

2022-02-13 time: 17:47:20.95 UTC ML= 0.8
 lat: 47.818N lon: 16.269E h= 11.5 km
 erh= 6.2km erz= 4.6km
 nr= 9 gap=121 rms=0.50
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	13.4	171	Pg	17:47:24.26			0.16
			Sg	47:26.17			-0.39
SOP	26.4	125	Sg	17:47:29.98			-0.12
CONA	32.8	292	Pg	17:47:27.37			0.20
			Sg	47:31.89			-0.13
ABNA	113.3	327	Pn	17:47:40.25			-0.39

Földrengés paraméterek

	Sn	47:53.73	-2.26
KRUC	138.6	4	Pn 17:47:44.59 0.80
			Sn 48:01.31 -0.30

276.

2022-02-13 time: 19:25:38.82 UTC ML= 0.4
 lat: 47.770N lon: 16.219E h= 14.8 km
 erh= 3.3km erz= 2.4km
 nr= 9 gap=106 rms=0.60
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	9.7	144	Pg	19:25:42.30			0.32
			Sg	25:44.31			-0.14
SOP	27.2	111	Sg	19:25:48.02			-0.65
CONA	32.0	303	Sg	19:25:49.83			-0.21
ARSA	78.0	222	Sg	19:26:04.19			0.13
ABNA	115.9	330	Pn	19:25:58.71			0.30
			Sn	26:12.03			-1.66
KRUC	144.2	5	Pn	19:26:02.76			0.82
			Sn	26:19.25			-0.73

277.

2022-02-13 time: 23:10:24.20 UTC ML= 0.5
 lat: 47.788N lon: 16.243E h= 14.3 km
 erh= 3.1km erz= 2.4km
 nr= 9 gap=112 rms=0.54
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	10.6	158	Pg	23:10:27.56			0.17
			Sg	10:29.30			-0.58
SOP	26.4	116	Sg	23:10:33.46			-0.29
CONA	32.5	299	Sg	23:10:35.47			-0.02
ARSA	80.7	222	Sg	23:10:50.36			0.11
ABNA	115.1	328	Pn	23:10:44.15			0.40
			Sn	10:56.83			-2.17
KRUC	142.1	5	Pn	23:10:47.75			0.63
			Sn	11:04.37			-0.62

278.

2022-02-13 time: 23:20:05.54 UTC ML= 0.7
 lat: 47.813N lon: 16.278E h= 12.9 km
 erh= 5.6km erz= 4.0km
 nr= 10 gap=121 rms=0.49
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.6	174	Pg	23:20:08.61			-0.15
			Sg	20:10.52			-0.76
SOP	25.5	124	Pg	23:20:11.22			0.58
			Sg	20:14.38			-0.24
CONA	33.7	292	Pg	23:20:12.43			0.45
			Sg	20:16.69			-0.31
ABNA	114.2	327	Pn	23:20:24.91			-0.25
			Sn	20:38.28			-2.19
KRUC	139.2	4	Pn	23:20:28.64			0.36
			Sn	20:45.71			-0.31

279.

2022-02-14 time: 1:03:00.44 UTC ML= 0.4
 lat: 47.823N lon: 16.260E h= 12.4 km
 erh= 2.3km erz= 1.7km
 nr= 10 gap=123 rms=0.40
 Locality: Austria
 Comments:

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
RONA	14.0	169	Pg	1:03:	03	86	0.09
			Sg		03:05	.71	-0.66
SOP	27.2	125	Pg	1:03:	06	.22	0.44
			Sg		03:09	.63	-0.31
CONA	32.0	291	Sg	1:03:	11	.04	-0.31
WINA	34.6	336	Pg	1:03:	07	.39	0.39
			Sg		03:12	.10	-0.01
ABNA	112.5	327	Pn	1:03:	19	.90	-0.02
			Sn		03:33	.01	-2.11
KRUC	138.1	4	Sn	1:03:	40	.81	0.00

280.

2022-02-14 time: 1:21:23.59 UTC ML= 1.0
lat: 47.815N lon: 16.256E h= 11.7 km
erh= 2.6km erz= 2.7km
nr= 11 gap= 72 rms=0.58

Locality: Austria

Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	13.1	167	PgD	1:21:	27	.00	0.27
			Sg		21:28	.99	-0.20
SOP	27.0	123	PgU	1:21:	29	.41	0.57
			Sg		21:32	.73	-0.21
CONA	32.1	293	Pg	1:21:	29	.94	0.25
			Sg		21:34	.53	0.08
ARSA	83.5	221	Pg	1:21:	38	.50	-0.15
			Sg		21:48	.92	-1.48
MODS	98.2	51	S*	1:21:	53	.36	-1.55
KRUC	139.1	4	PnU	1:21:	47	.09	0.63
			Sn		22:03	.66	-0.65

281.

2022-02-14 time: 1:53:27.66 UTC ML= 1.4
lat: 47.814N lon: 16.271E h= 11.2 km
erh= 1.5km erz= 1.4km
nr= 21 gap= 69 rms=0.59

Locality: Austria

Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.8	171	PgD	1:53:	31	.05	0.35
			Sg		53:33	.15	0.07
SOP	26.0	124	Pg	1:53:	33	.31	0.60
			Sg		53:37	.01	0.36
CONA	33.2	293	Pg	1:53:	33	.79	-0.12
			Sg		53:38	.20	-0.59
WINA	35.8	336	Pg	1:53:	34	.92	0.56
			Sg		53:39	.41	-0.18
ARSA	84.2	222	Pg	1:53:	42	.18	-0.65
			Sg		53:53	.23	-1.44
EGYH	91.1	119	Pg	1:53:	43	.73	-0.33
MODS	97.4	50	Pg	1:53:	45	.24	0.06
			Sg		53:57	.84	-1.00
KRUC	139.1	4	Pn	1:53:	51	.06	0.46
			Sn		54:07	.98	-0.52
MOA	150.2	272	Pn	1:53:	53	.89	1.90
			Sn		54:11	.44	0.48
TREC	174.6	341	ePn	1:53:	54	.50	-0.53
			eSn		54:16	.70	0.33
BIOA	197.9	266	Sn	1:54:	22	.30	0.75
ZVC	236.9	320	eSn	1:54:	32	.70	2.48*

282.

2022-02-14 time: 5:01:18.76 UTC ML= 0.4
lat: 47.811N lon: 16.260E h= 13.1 km
erh= 3.3km erz= 2.1km
nr= 8 gap=126 rms=0.46

Locality: Austria

Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.6	167	Pg	5:01:	22	.25	0.24
			Sg		01:24	.11	-0.43
SOP	26.5	122	Sg	5:01:	28	.20	0.05
			Sg		01:29	.91	0.00
CONA	32.5	294	Sg	5:01:	30	.77	-0.11
WINA	35.8	337	Sg	5:01:	38	.48	0.18
ABNA	113.6	327	Pn	5:01:	38	.48	0.18
			Sn		01:51	.39	-2.14
KRUC	139.5	4	Sn	5:01:	59	.69	0.42

283.

2022-02-14 time: 9:22:34.41 UTC ML= 1.1
lat: 45.832N lon: 18.435E h= 0.0 km
erh= 0.6km erz=86.5km
nr= 7 gap=273 rms=0.06
Locality: Nagyharsány
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	15.6	294	Pg	9:22:	37	.15	-0.04
			Sg		22:39	.43	0.07
KOVH	38.6	318	Sg	9:22:	46	.64	-0.04
PKSM	45.2	21	Pg	9:22:	42	.55	0.07
			Sg		22:48	.67	-0.10
MORH	45.7	21	Pg	9:22:	42	.55	-0.02
			Sg		22:48	.97	0.04

284.

2022-02-14 time: 10:41:02.31 UTC ML= 1.4
lat: 47.861N lon: 19.120E h= 0.0 km
erh= 1.1km erz= 253km
nr= 7 gap=164 rms=0.17
Locality: Szendehely
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	14.4	123	Pg	10:41:	04	.92	0.03
			Sg		41:06	.44	-0.46
PSZ	58.3	84	Pg	10:41:	12	.96	0.25
			Sg		41:20	.69	-0.14
A338	59.8	287	Sg	10:41:	21	.25	-0.07
VYHS	73.5	343	Pg	10:41:	15	.40	-0.02
			Sg		41:25	.68	0.03

285.

2022-02-14 time: 12:48:19.55 UTC ML= 1.0
lat: 47.862N lon: 16.057E h= 0.0 km
erh= 1.9km erz= 3.2km
nr= 7 gap=125 rms=0.72
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	16.4	297	Pg	12:48:	23	.18	0.71
			Sg		48:24	.89	0.14
RONA	25.5	135	Pg	12:48:	24	.52	0.42
			Sg		48:27	.84	0.19
ARSA	79.0	211	Sg	12:48:	43	.70	-0.97
KRUC	135.7	11	Pn	12:48:	43	.30	-0.21
			Sn		49:00	.09	-2.10

286.

2022-02-14 time: 16:16:11.45 UTC ML= 0.8
lat: 47.819N lon: 16.264E h= 12.1 km
erh= 5.1km erz= 4.7km
nr= 9 gap=122 rms=0.40
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
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Hypocenter Parameters

RONA	13.5	170	Pg	16:16:14.75	0.07
			Sg	16:16.56	-0.64
SOP	26.7	124	Pg	16:16:17.06	0.38
			Sg	16:20.57	-0.20
CONA	32.5	292	Pg	16:16:17.76	0.12
			Sg	16:22.05	-0.42
MODS	97.5	51	S*	16:16:41.89	-0.60
KRUC	138.6	4	Pn	16:16:34.83	0.62
			Sn	16:51.55	-0.41

287.

2022-02-14 time: 17:06:29.02 UTC ML= 0.7
lat: 47.808N lon: 16.259E h= 13.4 km
erh= 2.3km erz= 2.0km
nr= 14 gap= 72 rms=0.64
Locality: Austria
Comments:

sta	dist	azm	phase	hr mn sec	res
RONA	12.4	167	Pg	17:06:32.52	0.24
			Sg	06:34.48	-0.35
SOP	26.4	122	Pg	17:06:35.03	0.72
			Sg	06:38.45	0.01
CONA	32.6	294	Pg	17:06:35.50	0.19
			Sg	06:40.56	0.35
WINA	36.0	337	Pg	17:06:36.31	0.43
			Sg	06:40.06	-1.18
ARSA	83.2	222	Sg	17:06:54.69	-1.10
MODS	98.5	50	S*	17:06:59.14	-0.99
ABNA	113.8	327	Pn	17:06:48.54	0.02
			Sn	07:01.68	-2.05
KRUC	139.8	4	Pn	17:06:52.38	0.62
			Sn	07:09.30	-0.19

288.

2022-02-14 time: 17:39:42.60 UTC ML= 0.7
lat: 47.813N lon: 16.281E h= 14.5 km
erh= 2.8km erz= 1.8km
nr= 10 gap=121 rms=0.64
Locality: Austria
Comments:

sta	dist	azm	phase	hr mn sec	res
RONA	12.7	175	Pg	17:39:46.38	0.33
			Sg	39:48.36	-0.37
SOP	25.3	125	Sg	17:39:52.20	0.32
CONA	33.9	292	Pg	17:39:49.77	0.58
			Sg	39:54.54	0.22
WINA	36.2	335	Sg	17:39:54.06	-0.94
ARSA	84.7	222	S*	17:40:08.87	-0.91
ABNA	114.2	327	Pn	17:40:02.15	0.12
			Sn	40:15.46	-1.72
KRUC	139.1	3	Sn	17:40:23.36	0.67

289.

2022-02-14 time: 18:11:19.51 UTC ML= 0.6
lat: 47.759N lon: 16.216E h= 9.4 km
erh= 4.7km erz= 3.1km
nr= 6 gap=168 rms=0.31
Locality: Austria
Comments:

sta	dist	azm	phase	hr mn sec	res
RONA	9.0	138	Pg	18:11:21.93	0.10
			Sg	11:23.86	0.22
SOP	27.1	108	Sg	18:11:27.78	-0.84
CONA	32.5	305	Pg	18:11:25.75	0.20
			Sg	11:29.91	-0.34
KRUC	145.4	5	Sn	18:12:02.22	0.05

Földrengés paraméterek

290.

2022-02-14 time: 18:18:47.06 UTC ML= 0.6
lat: 47.804N lon: 16.238E h= 13.7 km
erh= 2.0km erz= 1.7km
nr= 14 gap= 75 rms=0.54
Locality: Austria
Comments:

sta	dist	azm	phase	hr mn sec	res
RONA	12.4	159	PgD	18:18:50.66	0.30
			Sg	18:52.54	-0.40
SOP	27.5	119	Pg	18:18:53.02	0.47
			Sg	18:56.46	-0.38
CONA	31.3	296	Pg	18:18:53.57	0.40
			Sg	18:57.43	-0.50
WINA	35.9	340	Pg	18:18:53.94	0.03
			Sg	18:58.93	-0.33
ARSA	81.8	221	Sg	18:19:12.55	-0.86
MODS	100.0	51	S*	18:19:17.62	-0.91
ABNA	113.4	328	Pn	18:19:06.76	0.29
			Sn	19:19.82	-1.79
KRUC	140.3	5	Pn	18:19:10.59	0.76
			Sn	19:27.46	-0.14

291.

2022-02-14 time: 18:21:29.43 UTC ML= 1.0
lat: 47.822N lon: 16.243E h= 12.5 km
erh= 2.5km erz= 2.2km
nr= 17 gap= 72 rms=0.86
Locality: Austria
Comments:

sta	dist	azm	phase	hr mn sec	res
RONA	14.2	164	Pg	18:21:32.93	0.13
			Sg	21:34.76	-0.67
SOP	28.2	123	Pg	18:21:35.02	0.08
			Sg	21:38.68	-0.55
CONA	30.9	292	Pg	18:21:35.37	-0.01
			Sg	21:39.61	-0.41
WINA	34.1	338	Pg	18:21:36.58	0.66
			Sg	21:41.17	0.19
ARSA	83.6	220	Pg	18:21:44.43	-0.09
			Sg	21:54.85	-1.43
MODS	98.4	51	S*	18:21:59.19	-1.48
ABNA	111.9	327	Pn	18:21:49.11	0.29
			Sn	22:02.07	-1.87
KRUC	138.3	5	Pn	18:21:52.97	0.86
			Sn	22:09.74	-0.06
MOA	148.1	271	Pn	18:21:55.98	2.65
			Sn	22:14.10	2.12

292.

2022-02-14 time: 20:03:51.75 UTC ML= 0.3
lat: 47.777N lon: 16.286E h= 16.6 km
erh= 7.5km erz= 4.2km
nr= 8 gap=123 rms=0.56
Locality: Austria
Comments:

sta	dist	azm	phase	hr mn sec	res
RONA	8.7	175	Pg	20:03:55.08	-0.01
			Sg	03:56.79	-0.90
SOP	23.0	117	Pg	20:03:57.34	0.53
			Sg	04:00.91	0.16
CONA	35.9	298	Sg	20:04:04.52	0.20
ABNA	117.8	327	Pn	20:04:11.38	0.03
			Sn	04:24.46	-2.18
KRUC	143.1	3	Sn	20:04:32.44	0.19

Földrengés paraméterek

293.

2022-02-14 time: 20:19:20.08 UTC ML= 0.7
 lat: 47.806N lon: 16.256E h= 13.5 km
 erh= 2.5km erz= 2.1km
 nr= 14 gap= 73 rms=0.69
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.2	166	Pg	20:19:23.66			0.33
			Sg	19:25.53			-0.34
SOP	26.4	121	Pg	20:19:25.99			0.61
			Sg	19:29.48			-0.04
CONA	32.5	295	Pg	20:19:27.11			0.74
			Sg	19:31.26			-0.01
WINA	36.2	338	Pg	20:19:27.07			0.09
			Sg	19:31.39			-0.97
ARSA	82.8	222	Sg	20:19:45.46			-1.30
MODS	98.8	50	S*	20:19:50.15			-1.11
ABNA	113.9	328	Pn	20:19:39.48			-0.11
			Sn	19:52.99			-1.82
KRUC	140.0	4	Pn	20:19:43.58			0.74
			Sn	20:00.60			0.00

294.

2022-02-14 time: 20:26:52.57 UTC ML= 1.0
 lat: 47.812N lon: 16.264E h= 13.3 km
 erh= 2.2km erz= 1.9km
 nr= 15 gap= 73 rms=0.59
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.7	169	Pg	20:26:55.88			0.03
			Sg	26:57.84			-0.58
SOP	26.3	123	Pg	20:26:58.31			0.48
			Sg	27:01.60			-0.33
CONA	32.8	293	Pg	20:26:59.49			0.60
			Sg	27:03.81			-0.01
WINA	35.8	337	Pg	20:26:59.65			0.26
			Sg	27:04.00			-0.72
ARSA	83.7	222	Sg	20:27:18.42			-1.10
MODS	98.0	50	P*	20:27:10.66			0.69
			S*	27:22.61			-0.93
ABNA	113.7	327	Pn	20:27:11.86			-0.22
			Sn	27:25.18			-2.11
KRUC	139.3	4	Pn	20:27:15.79			0.52
			Sn	27:32.46			-0.52

295.

2022-02-14 time: 20:28:10.66 UTC ML= 0.8
 lat: 47.798N lon: 16.232E h= 14.1 km
 erh= 2.7km erz= 1.8km
 nr= 11 gap=151 rms=0.56
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.0	156	PgD	20:28:13.99			0.02
			Sg	28:16.00			-0.55
CONA	31.2	298	Pg	20:28:17.28			0.50
			Sg	28:21.95			0.39
WINA	36.3	341	Pg	20:28:17.93			0.31
			Sg	28:22.13			-0.92
ARSA	81.0	221	Sg	20:28:36.56			-0.23
ABNA	113.7	329	Pn	20:28:30.02			-0.04
			Sn	28:43.08			-2.11
KRUC	141.0	5	Pn	20:28:34.10			0.64
			Sn	28:50.52			-0.73

Hypocenter Parameters

296.

2022-02-14 time: 21:08:21.71 UTC ML= 0.2
 lat: 47.769N lon: 16.351E h= 10.7 km
 erh= 1.1km erz= 1.0km
 nr= 6 gap=120 rms=0.12
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	8.7	208	Pg	21:08:24.15			-0.03
			Sg	08:26.39			0.29
SOP	18.2	121	Pg	21:08:25.45			-0.04
CONA	40.7	296	Sg	21:08:34.98			-0.11
ARSA	84.9	227	Sg	21:08:48.80			-0.11
KRUC	143.9	1	Sn	21:09:03.90			0.18

297.

2022-02-14 time: 21:13:48.20 UTC ML= 0.6
 lat: 47.814N lon: 16.280E h= 14.2 km
 erh= 6.5km erz= 4.4km
 nr= 8 gap=121 rms=0.46
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.8	174	Pg	21:13:51.76			0.15
			Sg	13:53.77			-0.50
SOP	25.5	125	Sg	21:13:57.40			-0.06
CONA	33.7	292	Pg	21:13:54.81			0.08
			Sg	13:59.86			0.03
ABNA	114.1	327	Pn	21:14:07.80			0.16
			Sn	14:19.91			-2.90
KRUC	139.0	4	Sn	21:14:28.80			0.47

298.

2022-02-15 time: 0:43:35.99 UTC ML= 0.6
 lat: 47.820N lon: 16.246E h= 11.9 km
 erh= 1.7km erz= 1.7km
 nr= 14 gap= 72 rms=0.45
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	13.9	164	Pg	0:43:39.33			0.06
			Sg	43:41.42			-0.41
SOP	27.9	123	Pg	0:43:41.77			0.35
			Sg	43:45.06			-0.59
CONA	31.2	293	Pg	0:43:42.30			0.35
			Sg	43:46.99			0.39
WINA	34.4	338	Pg	0:43:42.42			-0.08
ARSA	83.5	221	Sg	0:44:02.08			-0.73
EGYH	93.1	119	Sg	0:44:06.40			0.57
MODS	98.4	51	S*	0:44:06.75			-0.57
ABNA	112.2	327	Pn	0:43:55.25			-0.24
			Sn	44:08.76			-1.93
KRUC	138.5	5	Pn	0:43:59.34			0.57
			Sn	44:16.11			-0.43

299.

2022-02-15 time: 2:06:46.13 UTC ML= 0.6
 lat: 47.789N lon: 16.223E h= 13.4 km
 erh= 9.0km erz= 4.7km
 nr= 11 gap=148 rms=0.85
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	11.4	151	PgD	2:06:49.46			0.19
			Sg	06:51.39			-0.32
SOP	27.7	115	Pg	2:06:51.79			0.16

Hypocenter Parameters

	Sg	06:54.98	-0.94
CONA 31.2 300	Pg	2:06:52.94	0.75
	Sg	06:56.96	0.04
EGYH 93.1 116	S*	2:07:18.80	3.03
ABNA 114.2 329	Pn	2:07:05.53	-0.17
	Sn	07:18.81	-2.15
KRUC 142.1 5	Pn	2:07:09.51	0.34
	Sn	07:25.93	-1.21

300.

2022-02-15 time: 2:48:10.14 UTC ML= 2.0
lat: 47.847N lon: 16.257E h= 7.1 km
erh= 1.6km erz= 1.4km
nr= 39 gap= 45 rms=0.92
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	16.6	170	PgD	2:48:13.36		-0.01	
			Sg	48:15.36		-0.52	
SOP	29.0	129	Pg	2:48:15.67		0.20	
			Sg	48:19.19		-0.44	
CONA	30.9	287	Pg	2:48:16.07		0.27	
			Sg	48:19.92		-0.30	
WINA	32.1	335	Pg	2:48:16.96		0.96	
			Sg	48:21.42		0.84	
ARSA	86.3	220	Pg	2:48:24.26		-1.34	
			Sg	48:34.39		-3.27	
EGYH	93.9	121	Pg	2:48:27.42		0.47	
			Sg	48:39.22		-0.84	
MODS	96.0	52	Pg	2:48:27.24		-0.08	
			Sg	48:39.66		-1.07	
ABNA	110.1	326	Pg	2:48:29.30		-0.55	
			Sg	48:43.40		-1.82	
SMOL	114.4	50	Pn	2:48:30.31		-0.23	
			Sn	48:45.53		-0.92	
MPLH	122.5	128	Pn	2:48:30.97		-0.57	
			Sn	48:47.09		-1.14	
KRUC	135.5	4	Pn	2:48:33.35		0.18	
			Sn	48:50.12		-1.00	
PKST	148.9	116	Pn	2:48:36.77		1.93	
			Sn	48:53.97		-0.13	
MOA	149.0	270	Pn	2:48:35.43		0.58	
			Sn	48:53.28		-0.84	
KOGS	155.5	180	Pn	2:48:37.22		1.56	
			Sn	48:54.77		-0.79	
SOKA	159.6	215	Pn	2:48:37.46		1.29	
			Sn	48:55.81		-0.66	
PERS	159.9	213	Pn	2:48:37.34		1.13	
			Sn	48:55.93		-0.61	
CSKK	160.0	110	Sn	2:48:58.73		2.18	
GROS	164.3	200	Pn	2:48:37.16		0.40	
BIOA	197.0	265	Sn	2:49:05.78		1.00	
VYHS	204.9	69	ePn	2:48:41.20		-0.62	
			eSn	49:03.50		-3.03	
ZVC	233.4	319	ePn	2:48:48.10		2.72	
			eSn	49:13.30		0.44	

301.

2022-02-15 time: 2:49:14.55 UTC ML= 1.4
lat: 47.822N lon: 16.236E h= 10.6 km
erh= 2.5km erz= 3.3km
nr= 14 gap= 73 rms=0.71
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	14.3	161	Pg	2:49:17.84		0.10	
			Sg	49:19.65		-0.57	
SOP	28.7	123	Pg	2:49:20.16		0.15	
			Sg	49:23.57		-0.70	
CONA	30.4	293	Pg	2:49:21.55		1.26	
			Sg	49:24.62		-0.15	

Földrengés paraméterek

ARSA	83.2	220	Pg	2:49:29.15		-0.37
			Sg	49:39.55		-1.64
EGYH	93.9	119	Pg	2:49:32.47		1.05
			Sg	49:44.87		0.29
MODS	98.9	52	Pg	2:49:32.07		-0.24
			Sg	49:44.92		-1.25
KRUC	138.4	5	Pn	2:49:37.79		0.31
			Sn	49:54.61		-0.75

302.

2022-02-15 time: 2:57:30.04 UTC ML= 0.4
lat: 47.788N lon: 16.226E h= 16.0 km
erh= 2.6km erz= 1.6km
nr= 11 gap= 78 rms=0.56
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	11.1	152	PgD	2:57:33.66		0.15	
			Sg	57:35.87		-0.35	
SOP	27.5	115	Pg	2:57:36.02		0.30	
			Sg	57:39.63		-0.52	
CONA	31.4	300	Sg	2:57:40.08		-1.16	
ARSA	79.8	222	S*	2:57:55.55		-0.11	
MODS	101.9	50	Sn	2:58:00.77		-0.77	
ABNA	114.5	329	Pn	2:57:49.76		0.45	
			Sn	58:03.86		-0.48	
KRUC	142.2	5	Pn	2:57:53.74		0.97	
			Sn	58:10.71		0.21	

303.

2022-02-15 time: 4:35:37.75 UTC ML= 1.0
lat: 47.817N lon: 16.247E h= 10.8 km
erh= 2.5km erz= 2.6km
nr= 14 gap= 72 rms=0.67
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	13.6	164	Pg	4:35:41.09		0.24	
			Sg	35:43.04		-0.23	
SOP	27.7	123	Pg	4:35:43.39		0.33	
			Sg	35:46.79		-0.40	
CONA	31.4	293	Pg	4:35:44.37		0.69	
			Sg	35:48.28		-0.03	
ARSA	83.3	221	Sg	4:36:03.52		-0.94	
MODS	98.6	51	Pg	4:35:55.34		-0.12	
			Sg	36:08.24		-1.03	
ABNA	112.5	327	Pn	4:35:57.08		-0.36	
			Sn	36:10.49		-2.30	
SMOL	117.1	49	Pn	4:35:59.30		1.29	
KRUC	138.8	5	Pn	4:36:00.76		0.04	
			Sn	36:17.78		-0.85	

304.

2022-02-15 time: 7:12:42.79 UTC ML= 1.1
lat: 48.026N lon: 16.129E h= 0.0 km
erh= 1.4km erz= 313km
nr= 5 gap=151 rms=0.14
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	22.7	241	Pg	7:12:46.81		-0.04	
			Sg	12:50.02		0.01	
RONA	38.4	161	Pg	7:12:49.82		0.18	
			Sg	12:54.64		-0.35	
KRUC	116.8	10	Pg	7:13:03.63		-0.02	

Földrengés paraméterek

305.

2022-02-15 time: 7:21:51.62 UTC ML= 0.8
 lat: 47.817N lon: 16.244E h= 11.4 km
 erh= 6.2km erz= 5.2km
 nr= 6 gap=130 rms=0.20
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	13.6	163	PgD	7:21	54	.86	0.07
			Sg		56	.92	-0.34
SOP	27.8	122	Pg	7:21	57	.17	0.18
CONA	31.2	294	Pg	7:21	57	.67	0.12
			Sg		22	.99	-0.18
KRUC	138.9	5	Sn	7:22	32	.01	-0.36

306.

2022-02-15 time: 7:31:05.22 UTC ML= 0.6
 lat: 47.797N lon: 16.271E h= 8.2 km
 erh= 1.8km erz= 2.8km
 nr= 6 gap=185 rms=0.08
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	11.0	170	PgD	7:31	07	.68	0.01
			Sg		31	.59	0.01
SOP	25.0	120	Pg	7:31	09	.89	-0.02
			Sg		31	.53	-0.04
CONA	34.0	295	Pg	7:31	11	.57	0.11
			Sg		31	.14	-0.18

307.

2022-02-15 time: 8:27:29.77 UTC ML= 0.7
 lat: 47.819N lon: 16.245E h= 11.7 km
 erh= 6.9km erz= 5.9km
 nr= 6 gap=129 rms=0.31
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	13.9	164	Pg	8:27	33	.18	0.17
			Sg		27	.89	-0.65
SOP	28.0	123	Pg	8:27	35	.52	0.34
			Sg		27	.33	-0.07
CONA	31.1	293	Sg	8:27	40	.19	-0.15
KRUC	138.6	5	Sn	8:28	10	.06	-0.33

308.

2022-02-15 time: 8:39:56.21 UTC ML= 1.2
 lat: 45.851N lon: 18.426E h= 0.0 km
 erh= 0.7km erz= 101km
 nr= 8 gap=264 rms=0.08
 Locality: Nagyharsány
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	14.1	287	Pg	8:39	58	.76	0.02
			Sg		40	.67	-0.03
KOVH	36.5	316	Pg	8:40	02	.68	-0.06
			Sg		40	.86	0.04
PKSM	43.4	23	Pg	8:40	03	.98	0.01
			Sg		40	.81	-0.20
MORH	43.9	23	Pg	8:40	04	.14	0.09
			Sg		40	.22	0.05

Hypocenter Parameters

309.

2022-02-15 time: 9:06:11.51 UTC ML= 1.7
 lat: 48.592N lon: 20.747E h= 0.0 km
 erh= 2.0km erz= 3.1km
 nr= 10 gap=151 rms=0.45
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	22.8	238	Pg	9:06	15	.71	0.13
			Sg		06	.19	0.27
ABAH	49.1	132	Pg	9:06	20	.63	0.35
			Sg		06	.26	-0.62
NIE	97.2	341	Pg	9:06	29	.12	0.24
PSZ	98.1	220	Pg	9:06	29	.32	0.29
			Sg		06	.41	-1.07
LANS	112.5	303	Pg	9:06	31	.07	-0.53
VYHS	141.5	266	Pn	9:06	36	.55	0.36
			Sn		06	.54	-0.82

310.

2022-02-15 time: 9:43:44.51 UTC ML= 1.5
 lat: 48.819N lon: 20.995E h= 0.0 km
 erh= 6.5km erz= 5.3km
 nr= 5 gap=266 rms=1.57
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	52.9	225	Pg	9:43	55	.92	1.96
			Sg		44	.00	-0.77
ABAH	60.9	163	Pg	9:43	55	.82	0.44
			Sg		44	.02	-1.61
VYHS	163.1	257	Sn	9:44	30	.66	-2.58

311.

2022-02-15 time: 9:47:51.98 UTC ML= 1.8
 lat: 48.426N lon: 19.520E h= 0.0 km
 erh= 1.7km erz= 810km
 nr= 15 gap= 79 rms=0.70
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	51.1	278	Pg	9:48	01	.75	0.63
			Sg		48	.08	-0.21
PSZ	63.0	154	Pg	9:48	03	.60	0.37
			Sg		48	.11	-0.06
KECS	71.7	85	Pg	9:48	05	.11	0.32
			Sg		48	.14	-0.53
PENC	72.9	194	Sg	9:48	14	.35	-0.80
LANS	80.6	357	Pg	9:48	07	.37	0.99
			Sg		48	.16	-0.96
A338	98.1	242	Sg	9:48	22	.34	-0.81
SRO	112.8	233	Sg	9:48	27	.06	-0.77
NIE	124.8	28	Pg	9:48	14	.76	0.50
			Sg		48	.30	-1.53
ABAH	128.2	96	Pg	9:48	14	.96	0.08
			Sg		48	.29	-2.94

312.

2022-02-15 time: 10:03:14.03 UTC ML= 1.6
 lat: 47.322N lon: 18.469E h= 0.0 km
 erh= 1.5km erz= 4.2km
 nr= 9 gap=115 rms=0.55
 Locality: Pátka
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	9.7	323	Pg	10:03	15	.97	0.21

Hypocenter Parameters

CSKK	16.4	286	Sg	03:16.35	-0.76
			Pg	10:03:17.51	0.56
			Sg	03:19.26	0.03
PKST	33.6	258	Sg	10:03:24.16	-0.55
MORH	123.8	174	Sg	10:03:53.08	-0.29
PKSM	124.2	174	Sg	10:03:53.88	0.38
PSZ	126.0	58	Sg	10:03:54.48	0.40
VYHS	133.1	12	Sn	10:03:54.48	-1.61

313.

2022-02-15 time: 10:52:05.96 UTC ML= 0.7
lat: 47.204N lon: 18.284E h= 0.0 km
erh= 1.1km erz= 323km
nr= 8 gap=145 rms=0.23
Locality: Csór
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
CSKK	17.8	354	Pg	10:52:09.00	-0.14	
			Sg	52:10.91	-0.71	
PKST	19.9	288	Pg	10:52:09.56	0.06	
			Sg	52:12.37	0.10	
PKSG	22.4	21	Pg	10:52:10.06	0.10	
			Sg	52:13.57	0.48	
MORH	113.2	166	Sg	10:52:41.89	-0.05	
KOVH	124.8	186	Sg	10:52:45.46	-0.16	

314.

2022-02-15 time: 11:01:03.32 UTC ML= 1.8
lat: 48.116N lon: 16.962E h= 0.0 km
erh= 2.3km erz= 3.1km
nr= 14 gap= 83 rms=0.85
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
MODS	37.0	39	Pg	11:01:10.42	0.50	
			Sg	01:14.94	-0.13	
SMOL	56.1	38	Sg	11:01:21.37	0.21	
RONA	68.0	227	Pg	11:01:15.74	0.27	
			Sg	01:24.68	-0.26	
CONA	84.7	256	Sg	11:01:29.70	-0.55	
KRUC	113.2	338	Pg	11:01:24.03	0.50	
			Sg	01:37.23	-2.07	
MPLH	113.8	158	Sg	11:01:38.74	-0.74	
CSKK	128.4	131	Sg	11:01:42.00	-2.14	
ARSA	144.7	228	Pn	11:01:29.75	1.35	
			Sn	01:48.28	0.32	
VYHS	145.2	73	Sn	11:01:46.92	-1.15	
MORC	189.5	13	Sn	11:01:58.26	0.36	

315.

2022-02-15 time: 11:07:54.54 UTC ML= 1.8
lat: 48.898N lon: 21.824E h= 0.0 km
erh= 2.2km erz= 354km
nr= 8 gap=249 rms=0.25
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
STHS	71.6	324	Pg	11:08:07.53	0.21	
			Sg	08:16.76	-0.52	
ABAH	79.6	213	Pg	11:08:08.73	-0.02	
			Sg	08:19.85	0.02	
KECS	108.8	245	Pg	11:08:14.12	0.16	
			Sg	08:28.78	-0.33	
NIE	124.5	298	Pg	11:08:16.56	-0.21	
			Sg	08:34.61	0.50	

Földrengés paraméterek

316.

2022-02-15 time: 14:15:22.22 UTC ML= 1.3
lat: 46.022N lon: 18.466E h= 0.0 km
erh= 2.5km erz= 2.8km
nr= 13 gap=196 rms=0.62
Locality: Máriakéménd
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKSV	22.3	228	Pg	14:15:26.11	-0.09	
			Sg	15:28.42	-0.88	
PKSM	25.1	33	Pg	14:15:26.50	-0.20	
			Sg	15:30.38	0.18	
MORH	25.6	33	Pg	14:15:26.60	-0.19	
			Sg	15:30.53	0.18	
KOVH	29.3	285	Pg	14:15:27.57	0.11	
			Sg	15:31.93	0.39	
PKB4	53.8	11	Pg	14:15:32.18	0.35	
			Sg	15:38.81	-0.51	
PKS9	64.5	347	Pg	14:15:35.54	1.80	
PKST	141.4	346	Sn	14:16:05.07	-1.07	
PKSG	152.4	358	Sn	14:16:07.68	-0.89	

317.

2022-02-15 time: 19:57:12.43 UTC ML= 0.6
lat: 47.826N lon: 16.255E h= 10.2 km
erh= 2.1km erz= 2.2km
nr= 11 gap=121 rms=0.46
Locality: Austria
Comments:

sta	dist	azm	phase	hr mn	sec	res
RONA	14.4	168	PgD	19:57:15.64	0.05	
			Sg	57:17.55	-0.50	
SOP	27.7	125	Pg	19:57:18.10	0.39	
			Sg	57:21.48	-0.34	
CONA	31.6	291	Pg	19:57:18.88	0.53	
			Sg	57:23.17	0.20	
WINA	34.1	336	Pg	19:57:18.74	-0.04	
			Sg	57:23.18	-0.55	
ARSA	84.5	221	Sg	19:57:38.31	-1.17	
KRUC	137.8	4	Pn	19:57:35.70	0.37	
			Sn	57:52.47	-0.73	

318.

2022-02-15 time: 21:47:50.43 UTC ML= 0.0
lat: 47.424N lon: 18.209E h= 6.6 km
erh= 5.8km erz= 6.3km
nr= 6 gap=249 rms=0.32
Locality: Pusztavám
Comments:

sta	dist	azm	phase	hr mn	sec	res
CSKK	7.8	150	Pg	21:47:52.70	0.45	
			Sg	47:53.76	0.08	
PKSG	14.2	105	PgD	21:47:53.10	-0.12	
			Sg	47:54.99	-0.40	
PKST	22.6	216	Pg	21:47:54.74	0.10	
			Sg	47:57.35	-0.57	

319.

2022-02-15 time: 23:07:34.67 UTC ML= 1.5
lat: 47.287N lon: 18.299E h= 8.5 km
erh= 1.3km erz= 1.1km
nr= 27 gap=103 rms=0.59
Locality: Magyaralmás
Comments:

sta	dist	azm	phase	hr mn	sec	res
CSKK	8.9	341	PgU	23:07:36.66	-0.22	

Földrengés paraméterek

		Sg	07:37.91	-0.68	
PKSG	13.5	31	PgD	23:07:37.22	-0.31
		Sg	07:38.86	-0.90	
PKST	20.3	261	Pg	23:07:38.62	0.02
		Sg	07:41.37	-0.29	
TIH	52.9	216	Pg	23:07:44.33	0.09
SRO	58.5	1	Sg	23:07:53.99	0.52
MPLH	59.0	257	Sg	23:07:54.02	0.41
PKB1	67.3	146	Pg	23:07:46.89	0.11
		Sg	07:55.55	-0.68	
EGYH	74.5	281	Sg	23:07:58.37	-0.13
PKB5	83.8	157	Pg	23:07:50.76	1.05
		Sg	08:01.29	-0.16	
PKB4	90.9	165	Pg	23:07:51.71	0.73
		Sg	08:02.53	-1.17	
PKB2	98.9	134	Pg	23:07:53.07	0.67
		Sg	08:05.47	-0.76	
PKS2	112.6	142	Sn	23:08:10.02	-0.21
PKB3	117.8	145	Sn	23:08:10.68	-0.72
MORH	122.0	168	Pn	23:07:56.52	0.70
		Sn	08:11.06	-1.26	
PKSM	122.4	168	Pn	23:07:56.32	0.45
		Sn	08:11.20	-1.21	
KOVH	134.1	187	Sn	23:08:14.95	-0.07
VYHS	140.1	17	Sn	23:08:16.13	-0.21
MODS	143.0	328	Sn	23:08:17.46	0.47

320.

2022-02-16 time: 7:08:07.52 UTC ML= 0.3
lat: 47.310N lon: 18.302E h= 5.8 km
erh= 6.2km erz= 8.2km
nr= 6 gap=218 rms=0.14

Locality: Söréd

Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	6.7	332	Pg	7:08:09.27	0.16		
			Sg	08:10.30	-0.05		
PKSG	11.3	36	PgD	7:08:09.65	-0.14		
			Sg	08:11.58	0.01		
PKST	21.0	254	Pg	7:08:11.53	0.11		
			Sg	08:14.19	-0.26		

321.

2022-02-16 time: 7:19:34.29 UTC ML= 0.7
lat: 47.193N lon: 18.229E h= 0.0 km
erh= 1.0km erz= 4.8km
nr= 7 gap=135 rms=0.26

Locality: Csór

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	16.5	296	PgU	7:19:37.28	0.05		
			Sg	19:39.36	-0.16		
CSKK	19.1	7	Pg	7:19:37.50	-0.19		
PKSG	25.3	29	Pg	7:19:39.13	0.34		
MORH	113.2	164	Sg	7:20:10.35	0.09		
PKSM	113.5	164	Sg	7:20:10.20	-0.18		
VYHS	151.6	17	Sn	7:20:18.79	-1.67		

322.

2022-02-16 time: 8:30:03.85 UTC ML= 1.7
lat: 45.553N lon: 17.317E h= 0.0 km
erh= 2.7km erz= 4.9km
nr= 13 gap=124 rms=0.72

Locality: Croatia

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	81.8	63	Pg	8:30:19.76	1.30		
			Sg	30:29.79	-0.07		

KOVH 85.1 46 Pg 8:30:19.81 0.76

Hypocenter Parameters

BLY	89.9	187	Sg	30:30.66	-0.25
BEHE	110.3	338	Sg	8:30:38.93	0.03
PTJ	112.6	290	Sg	8:30:38.93	-0.72
PKSM	126.3	55	Pg	8:30:26.14	-0.25
			Sg	30:42.51	-1.47
MORH	126.7	54	Pg	8:30:26.34	-0.13
			Sg	30:43.01	-1.11
CRES	148.1	282	Pn	8:30:29.85	0.51
			Sn	30:48.73	-0.50

323.

2022-02-16 time: 10:06:51.73 UTC ML= 1.1
lat: 46.196N lon: 18.274E h= 0.0 km
erh= 0.9km erz= 274km
nr= 9 gap=123 rms=0.20
Locality: Komló
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	18.1	228	PgU	10:06:54.85			-0.11
			Sg	06:57.43			-0.04
PKSM	28.4	87	Pg	10:06:56.72			-0.08
			Sg	07:00.70			-0.05
MORH	28.6	86	Pg	10:06:56.82			-0.02
			Sg	07:00.95			0.12
PKSV	34.3	183	Pg	10:06:58.33			0.48
			Sg	07:02.25			-0.38
PKST	119.5	351	Sg	10:07:29.77			0.04

324.

2022-02-16 time: 10:44:43.65 UTC ML= 1.8
lat: 48.583N lon: 20.732E h= 0.0 km
erh= 1.7km erz= 3.4km
nr= 9 gap=149 rms=0.44
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	21.3	238	Pg	10:44:47.71			0.25
			Sg	44:50.32			-0.11
ABAH	49.3	130	Pg	10:44:52.02			-0.43
			Sg	44:59.66			0.34
PSZ	96.6	220	Pg	10:45:01.56			0.66
			Sg	45:13.56			-0.80
NIE	97.8	342	Sg	10:45:14.77			0.03
LANS	112.1	304	Pg	10:45:03.72			0.05
VYHS	140.3	266	Sn	10:45:26.57			-0.75

325.

2022-02-16 time: 11:49:18.71 UTC ML= 1.7
lat: 47.878N lon: 20.170E h= 0.0 km
erh= 2.7km erz= 486km
nr= 6 gap=202 rms=0.28
Locality: Tarnaszentmária
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	21.1	282	Pg	11:49:22.77			0.30
			Sg	49:25.63			0.23
PENC	67.2	262	Sg	11:49:39.64			-0.43
KECS	71.3	19	Sg	11:49:41.40			0.05
ABAH	92.2	60	Sg	11:49:47.87			-0.16
VYHS	120.5	305	Sg	11:49:56.66			-0.35

Hypocenter Parameters

326.

2022-02-16 time: 12:25:20.73 UTC ML= 1.3
 lat: 47.899N lon: 16.446E h= 0.0 km
 erh= 2.1km erz= 541km
 nr= 7 gap=157 rms=0.36
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
RONA	24.9	207	Pg	12:25:24.86		-0.31	
			Sg	25:28.68		0.05	
CONA	43.8	274	Pg	12:25:28.68		0.13	
			Sg	25:34.80		0.14	
MODS	81.3	50	Pg	12:25:35.56		0.32	
			Sg	25:46.40		-0.17	
KRUC	129.3	358	Sg	12:25:59.51		-2.33	

327.

2022-02-16 time: 13:58:55.33 UTC ML= 1.5
 lat: 46.134N lon: 21.764E h= 0.0 km
 erh= 2.7km erz= 756km
 nr= 7 gap=140 rms=0.51
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SIRR	16.9	332	Pg	13:58:58.14		-0.21	
			Sg	59:00.35		-0.35	
BZS	58.6	191	Sg	13:59:13.60		-0.35	
DRGR	103.2	45	Pg	13:59:14.61		0.86	
			Sg	59:27.46		-0.66	
GZR	113.9	136	Pg	13:59:16.01		0.34	
			Sg	59:31.07		-0.47	

328.

2022-02-16 time: 16:16:02.20 UTC ML= 2.1
 lat: 48.793N lon: 18.795E h= 0.0 km
 erh= 2.1km erz= 3.1km
 nr= 23 gap= 64 rms=0.92
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
YVHS	33.4	175	Pg	16:16:08.81		0.64	
			Sg	16:14.33		1.51	
LANS	63.3	51	PgU	16:16:14.63		1.12	
			Sg	16:21.46		-0.86	
A338	92.5	201	Pg	16:16:19.30		0.58	
			Sg	16:31.65		0.05	
SMOL	105.3	253	Pg	16:16:20.86		-0.15	
			Sg	16:34.52		-1.16	
SRO	114.7	198	Sg	16:16:37.63		-1.02	
PENC	117.2	162	Pg	16:16:23.57		0.44	
			Sg	16:39.04		-0.42	
MODS	121.3	247	Sg	16:16:38.63		-2.12	
PSZ	126.9	140	Pg	16:16:24.98		0.11	
			Sg	16:40.84		-1.70	
KECS	129.3	105	Pg	16:16:25.28		-0.01	
			Sg	16:40.84		-2.46	
MORC	142.4	320	Pn	16:16:27.19		0.20	
			Sn	16:44.56		-1.76	
OJC	174.5	25	Pn	16:16:32.41		1.42	
			Sn	16:52.89		-0.56	
KRUC	178.4	280	Sn	16:16:54.10		-0.21	
PKST	179.8	198	Sn	16:16:55.10		0.48	
ABAH	188.8	107	Sn	16:16:56.41		-0.21	

Földrengés paraméterek

329.

2022-02-17 time: 8:38:39.44 UTC ML= 1.4
 lat: 47.660N lon: 18.504E h= 0.0 km
 erh= 1.6km erz= 498km
 nr= 9 gap=120 rms=0.37
 Locality: Héreg
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SRO	22.3	320	Pg	8:38:43.46		0.05	
			Sg	38:46.52		0.01	
PKSG	31.0	196	Pg	8:38:45.37		0.39	
			Sg	38:48.97		-0.33	
CSKK	37.8	209	Pg	8:38:46.37		0.18	
			Sg	38:50.69		-0.76	
PENC	60.1	76	Sg	8:38:58.47		-0.07	
VYHS	96.0	15	Pg	8:38:56.70		0.13	
			Sg	39:08.15		-1.79	

330.

2022-02-17 time: 8:40:03.10 UTC ML= 1.2
 lat: 47.904N lon: 19.420E h= 0.0 km
 erh= 1.9km erz= 3.1km
 nr= 9 gap=132 rms=0.46
 Locality: Bercel
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	16.4	219	Sg	8:40:08.38		0.08	
PSZ	35.5	88	Pg	8:40:09.74		0.30	
			Sg	40:14.25		-0.13	
VYHS	78.6	326	Pg	8:40:17.82		0.68	
			Sg	40:27.11		-0.98	
PKSG	96.1	234	Sg	8:40:33.13		-0.50	
KECS	102.1	51	Sg	8:40:35.04		-0.50	
LANS	138.6	1	Pn	8:40:27.41		0.00	
			Sn	40:46.29		-0.09	

331.

2022-02-17 time: 8:51:48.72 UTC ML= 1.5
 lat: 48.527N lon: 17.500E h= 0.0 km
 erh= 1.7km erz= 3.6km
 nr= 7 gap=146 rms=0.42
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	5.5	255	Pg	8:51:49.49		-0.21	
			Sg	51:50.30		-0.16	
MODS	23.7	224	Pg	8:51:53.51		0.55	
			Sg	51:56.32		0.06	
VYHS	98.8	92	Sg	8:52:19.97		-0.15	
KRUC	100.6	306	Sg	8:52:20.82		0.11	
CONA	138.7	241	Sn	8:52:30.61		-1.43	

332.

2022-02-17 time: 9:02:35.44 UTC ML= 1.2
 lat: 47.258N lon: 17.660E h= 0.0 km
 erh= 2.3km erz= 3.1km
 nr= 10 gap=129 rms=0.55
 Locality: Németbánya
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	13.4	223	Pg	9:02:38.15		0.32	
			Sg	02:40.01		0.31	
PKST	28.3	90	Pg	9:02:40.26		-0.24	
			Sg	02:44.73		0.29	
EGYH	30.5	305	Sg	9:02:45.08		-0.06	
CSKK	46.9	76	Pg	9:02:44.68		0.87	

Földrengés paraméterek

Hypocenter Parameters

PKSG	57.2	75	Sg	02:49.05	-1.29
KOVH	134.3	165	Pg	9:02:45.48	-0.17
PKSM	138.4	147	Sn	9:03:16.82	-0.95
			Sn	9:03:18.22	-0.45

333.

2022-02-17 time: 9:29:00.18 UTC ML= 1.7
 lat: 47.333N lon: 18.428E h= 0.0 km
 erh= 2.4km erz= 3.9km
 nr= 13 gap=113 rms=0.79
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	7.2	337	PgU	9:29:01.92	0.46		
			Sg	29:02.43	-0.03		
CSKK	13.1	285	Pg	9:29:03.18	0.66		
			Sg	29:04.71	0.36		
PKST	30.9	255	Pg	9:29:06.37	0.67		
			Sg	29:09.56	-0.44		
MPLH	69.6	255	Sg	9:29:20.65	-1.67		
MORH	125.2	172	Sg	9:29:38.83	-1.16		
PKSM	125.6	173	Sg	9:29:39.53	-0.59		
PSZ	128.0	59	Sg	9:29:40.33	-0.55		
VYHS	132.7	13	Pn	9:29:23.76	0.00		
			Sn	29:39.93	-2.22		
KOVH	140.6	190	Sn	9:29:45.05	1.15		

334.

2022-02-17 time: 10:08:45.84 UTC ML= 2.0
 lat: 48.654N lon: 19.646E h= 0.0 km
 erh= 2.4km erz= 845km
 nr= 8 gap=120 rms=0.60
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
LANS	56.7	347	Pg	10:08:56.22	0.25		
			Sg	09:02.96	-0.91		
VYHS	62.3	253	Pg	10:08:57.53	0.55		
			Sg	09:04.91	-0.75		
KECS	64.8	107	Pg	10:08:58.15	0.73		
			Sg	09:05.69	-0.76		
PSZ	83.9	167	Sg	10:09:12.27	-0.23		
PENC	99.8	196	Sg	10:09:17.09	-0.47		

335.

2022-02-17 time: 10:30:30.64 UTC ML= 0.8
 lat: 47.182N lon: 18.335E h= 0.0 km
 erh= 1.6km erz= 3.1km
 nr= 9 gap=123 rms=0.39
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	20.9	344	Pg	10:30:34.63	0.26		
			Sg	30:37.01	-0.26		
PKSG	23.7	10	Pg	10:30:35.26	0.39		
			Sg	30:37.69	-0.47		
PKST	24.3	291	Pg	10:30:35.26	0.28		
			Sg	30:37.67	-0.69		
MORH	110.0	168	Sg	10:31:05.61	0.00		
PKSM	110.4	168	Sg	10:31:05.71	-0.03		
PSZ	143.1	55	Sn	10:31:14.15	-0.77		

336.

2022-02-17 time: 11:56:04.14 UTC ML= 1.4
 lat: 48.431N lon: 20.661E h= 0.0 km
 erh= 1.6km erz= 367km
 nr= 6 gap=175 rms=0.22
 Locality: Szőlősárdó
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	14.2	294	Pg	11:56:06.71	0.03		
			Sg	56:08.34	-0.32		
ABAH	45.4	109	Pg	11:56:12.57	0.33		
			Sg	56:18.21	-0.36		
PSZ	80.6	225	Pg	11:56:18.56	0.03		
			Sg	56:29.66	-0.10		

337.

2022-02-17 time: 13:55:35.15 UTC ML= 1.1
 lat: 47.864N lon: 16.051E h= 0.0 km
 erh= 1.2km erz= 2.7km
 nr= 8 gap= 87 rms=0.68
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	15.9	297	Pg	13:55:38.25	0.27		
			Sg	55:40.82	0.63		
RONA	25.9	135	Pg	13:55:40.31	0.53		
			Sg	55:43.48	0.09		
ARSA	78.9	210	Sg	13:55:59.69	-0.55		
MODS	107.5	58	Sg	13:56:09.64	0.33		
KRUC	135.6	11	Pn	13:55:58.24	-0.85		
			Sn	56:15.06	-2.71		

338.

2022-02-17 time: 22:01:39.76 UTC ML= 0.6
 lat: 47.795N lon: 16.191E h= 11.5 km
 erh= 2.7km erz= 2.5km
 nr= 8 gap=108 rms=0.45
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	13.2	143	PgD	22:01:43.33	0.44		
			Sg	01:45.19	-0.13		
CONA	28.7	301	Sg	22:01:49.41	-0.19		
SOP	30.2	114	Pg	22:01:45.52	-0.02		
			Sg	01:49.03	-1.01		
ARSA	78.6	220	Sg	22:02:04.87	-0.15		
KRUC	141.7	6	Pn	22:02:03.57	0.57		
			Sn	02:20.49	-0.63		

339.

2022-02-18 time: 6:56:01.75 UTC ML= 0.6
 lat: 47.818N lon: 16.157E h= 6.3 km
 erh= 8.3km erz= 7.4km
 nr= 6 gap=158 rms=0.78
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	16.8	141	Pg	6:56:04.40	-0.55		
			Sg	56:06.56	-0.89		
CONA	25.3	299	Sg	6:56:10.93	0.90		
WINA	32.8	349	Sg	6:56:11.74	-0.63		
SOP	33.6	116	Pg	6:56:08.88	1.02		
KRUC	139.5	7	Sn	6:56:43.51	-0.28		

Hypocenter Parameters

340.

2022-02-18 time: 8:36:52.11 UTC ML= 1.7
 lat: 47.287N lon: 18.338E h= 0.0 km
 erh= 1.3km erz= 2.1km
 nr= 20 gap= 76 rms=0.62
 Locality: Magyaralmás
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	10.3	325	PgU	8:36:54.20			0.25
			Sg	36:54.85			-0.53
PKSG	12.3	19	PgU	8:36:54.65			0.34
			Sg	36:56.26			0.24
PKST	23.2	262	Pg	8:36:56.71			0.46
			Sg	36:59.52			0.04
TIH	54.7	218	Sg	8:37:09.26			-0.24
MPLH	61.8	258	Sg	8:37:11.07			-0.70
PKB1	65.7	148	Sg	8:37:13.63			0.63
PKB4	90.2	167	Sg	8:37:21.16			0.37
PENC	90.4	52	Sg	8:37:20.26			-0.60
PKB2	96.8	135	Sg	8:37:22.87			-0.01
MORH	121.4	169	Sg	8:37:29.30			-1.39
PKSM	121.8	169	Sg	8:37:29.80			-1.02
KOVH	134.5	188	Pn	8:37:16.79			0.87
			Sn	37:33.76			-0.73
PSZ	136.5	59	Pn	8:37:16.89			0.73
			Sn	37:33.82			-1.10
VYHS	139.3	16	Pn	8:37:16.59			0.08
			Sn	37:34.17			-1.37

341.

2022-02-18 time: 9:01:37.32 UTC ML= 1.5
 lat: 48.549N lon: 20.806E h= 0.0 km
 erh= 2.1km erz= 3.0km
 nr= 10 gap=130 rms=0.67
 Locality: Bódvalenke
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	24.7	253	Pg	9:01:41.67			-0.07
			Sg	01:44.78			-0.41
ABAH	42.7	131	Pg	9:01:45.08			0.13
			Sg	01:51.31			0.42
PSZ	97.5	224	Pg	9:01:55.53			0.80
			Sg	02:07.88			-0.43
NIE	103.2	340	Pg	9:01:56.48			0.72
			Sg	02:09.08			-1.06
TRPA	136.7	110	Sn	9:02:18.47			-1.71
VYHS	145.6	268	Sn	9:02:21.58			-0.58

342.

2022-02-18 time: 10:23:12.44 UTC ML= 0.8
 lat: 47.911N lon: 16.472E h= 0.0 km
 erh= 6.0km erz= ***km
 nr= 5 gap=160 rms=0.68
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
RONA	26.9	209	Pg	10:23:17.31			0.06
			Sg	23:20.53			-0.46
CONA	45.6	272	Sg	10:23:27.56			0.61
MODS	79.0	49	Sg	10:23:38.30			0.75
KRUC	128.1	357	Sg	10:23:51.66			-1.50

Földrengés paraméterek

343.

2022-02-18 time: 11:33:18.92 UTC ML= 0.9
 lat: 46.055N lon: 18.425E h= 0.0 km
 erh= 1.0km erz= 226km
 nr= 8 gap=172 rms=0.16
 Locality: Kátoly
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	22.9	216	Pg	11:33:22.81			-0.19
			Sg	33:26.32			0.13
PKSM	24.1	44	Pg	11:33:23.41			0.18
			Sg	33:26.02			-0.57
MORH	24.6	44	Pg	11:33:23.41			0.10
			Sg	33:26.72			-0.02
KOVH	25.4	278	Pg	11:33:23.41			-0.05
			Sg	33:27.02			0.02

344.

2022-02-18 time: 12:38:28.23 UTC ML= 1.5
 lat: 46.812N lon: 22.844E h= 0.0 km
 erh= 8.0km erz= 6.6km
 nr= 6 gap=284 rms=0.42
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	10.4	258	Pg	12:38:29.64			-0.44
			Sg	38:32.25			0.72
SIRR	109.2	236	Sg	12:39:02.64			-0.29
GZR	157.8	182	Pn	12:38:55.35			0.42
			Sn	39:15.63			-0.13
BZS	163.1	215	Sn	12:39:16.98			0.02

345.

2022-02-19 time: 8:19:58.81 UTC ML= 1.4
 lat: 46.166N lon: 18.269E h= 0.0 km
 erh= 1.2km erz= 2.2km
 nr= 17 gap=115 rms=0.62
 Locality: Mánfa
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	15.7	237	PgU	8:20:01.75			0.14
			Sg	20:04.11			0.32
PKSM	29.2	80	Pg	8:20:03.86			-0.16
			Sg	20:08.23			0.15
MORH	29.5	79	Pg	8:20:03.86			-0.21
			Sg	20:08.03			-0.14
PKSV	30.9	182	Pg	8:20:04.37			0.05
			Sg	20:08.83			0.22
PKB4	44.9	35	Sg	8:20:13.26			0.19
PKS9	46.8	1	Sg	8:20:15.31			1.62
PKB5	59.7	37	Sg	8:20:18.53			0.75
PKB1	79.6	30	Sg	8:20:24.55			0.44
PKS2	81.2	63	Sg	8:20:24.65			0.03
PKB2	93.7	53	Sg	8:20:28.57			-0.03
PKST	122.8	352	Sg	8:20:36.80			-1.05
CSKK	133.1	360	Sn	8:20:39.72			-1.15
PKSG	136.6	4	Sn	8:20:39.92			-1.72
VYHS	262.4	9	Sn	8:21:19.02			9.46*

346.

2022-02-20 time: 6:05:11.70 UTC ML= 2.1
 lat: 45.891N lon: 17.163E h= 15.1 km
 erh= 1.7km erz= 1.2km
 nr= 25 gap=177 rms=0.49
 Locality: Croatia
 Comments:

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
BEHE	71.0	335	Pg	6:05:25.24	0.59		
			Sg	05:34.66	-0.10		
KOVH	75.8	73	Pg	6:05:25.65	0.14		
			Sg	05:36.17	-0.11		
PKSV	84.6	90	P*	6:05:26.75	-0.15		
			S*	05:38.61	-0.15		
PTJ	93.5	271	P*	6:05:28.90	0.64		
			S*	05:40.00	-1.18		
KOGS	93.8	311	P*	6:05:28.26	-0.05		
			S*	05:40.00	-1.26		
PKSM	119.9	73	Pn	6:05:31.40	-0.36		
			Sn	05:47.26	-0.14		
MORH	120.2	73	Pn	6:05:31.43	-0.37		
			Sn	05:47.41	-0.06		
PKB4	130.0	59	Pn	6:05:33.68	0.66		
			Sn	05:49.99	0.34		
CRES	132.7	267	Sn	6:05:50.49	0.24		
PKB5	144.4	57	Pn	6:05:34.07	-0.74		
			Sn	05:53.45	0.61		
MPLH	145.1	11	Pn	6:05:34.25	-0.65		
			Sn	05:52.96	-0.04		
PKB1	160.0	52	Sn	6:05:57.20	0.89		
PKST	166.1	24	Sn	6:05:57.96	0.30		
PERS	178.1	298	Pn	6:05:39.52	0.50		
RONA	211.6	342	Pn	6:05:43.04	-0.16		

347.

2022-02-21 time: 9:44:07.99 UTC ML= 1.5
lat: 47.109N lon: 18.058E h= 0.0 km
erh= 1.4km erz= 403km
nr= 8 gap=127 rms=0.29
Locality: Vilonya
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	16.8	354	Pg	9:44:10.59	-0.40		
			Sg	44:13.93	0.60		
CSKK	32.2	28	Sg	9:44:18.10	-0.12		
			Pg	9:44:15.33	0.20		
MPLH	39.9	280	Sg	44:20.46	-0.23		
			Pg	9:44:27.59	0.14		
MORH	108.9	156	Pg	9:44:27.74	0.24		
PKSM	109.2	156	Pg	9:44:27.99	-0.27		
KOVH	113.5	178	Pg	9:44:27.99	-0.27		

348.

2022-02-21 time: 10:04:53.16 UTC ML= 1.8
lat: 48.611N lon: 20.711E h= 0.0 km
erh= 1.9km erz= 4.2km
nr= 10 gap=108 rms=0.56
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	21.9	229	Pg	10:04:57.20	0.13		
			Sg	05:00.31	0.19		
ABAH	52.5	132	Pg	10:05:03.02	0.47		
			Sg	05:09.35	-0.52		
NIE	94.4	342	Pg	10:05:10.65	0.63		
			Sg	05:23.13	-0.03		
STHS	97.7	24	Sg	10:05:22.83	-1.38		
PSZ	98.0	218	Pg	10:05:10.85	0.18		
			Sg	05:23.51	-0.82		
VYHS	139.0	265	Sn	10:05:35.56	-0.97		

349.

2022-02-21 time: 10:15:41.12 UTC ML= 1.8
lat: 46.052N lon: 22.096E h= 0.0 km
erh= 1.6km erz= 506km
nr= 7 gap=114 rms=0.33
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SIRR	41.3	305	Pg	10:15:48.70	0.21		
			Sg	15:54.32	0.07		
BZS	61.0	218	Sg	10:15:59.78	-0.73		
			Pg	10:15:57.53	0.27		
GZR	90.4	144	Sg	16:09.79	-0.06		
			Pg	10:15:58.14	0.08		
DRGR	94.9	30	Sg	16:10.59	-0.69		

350.

2022-02-21 time: 12:32:41.31 UTC ML= 2.4
lat: 46.109N lon: 16.424E h= 0.0 km
erh= 4.4km erz= ***km
nr= 11 gap=156 rms=1.05
Locality: Croatia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOGS	40.0	340	Pg	12:32:48.63	0.17		
			Sg	32:54.25	0.22		
BEHE	48.5	34	Sg	12:32:57.99	1.28		
			Pg	12:32:56.56	0.76		
GROS	81.1	299	Sg	33:05.70	-1.40		
			Pg	12:32:57.04	1.22		
CRES	81.3	247	Sg	33:07.38	0.23		
			Pg	12:33:02.01	-0.09		
PERS	116.4	300	Sg	33:16.87	-1.44		
			Pg	12:33:19.43	-1.39		
SOKA	124.3	301	Sg	12:33:19.83	-2.68		
			Pg	12:33:19.83	-2.68		

351.

2022-02-21 time: 15:45:11.51 UTC ML= 1.0
lat: 47.868N lon: 16.338E h= 10.0 km
erh= 3.5km erz= 3.6km
nr= 5 gap=188 rms=0.40
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	19.0	190	Pg	15:45:15.77	0.42		
			Sg	45:17.78	-0.56		
CONA	36.3	281	Pg	15:45:18.46	0.23		
			Sg	45:22.90	-0.57		
KRUC	132.8	2	Sn	15:45:51.02	-0.21		

352.

2022-02-21 time: 20:13:50.72 UTC ML= 0.2
lat: 47.376N lon: 18.136E h= 3.0 km
erh= 2.8km erz= 5.0km
nr= 6 gap=234 rms=0.12
Locality: Nagyveleg
Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	9.5	99	Pg	20:13:52.69	0.19		
			Sg	13:53.80	-0.08		
PKST	15.1	211	Pg	20:13:53.50	0.02		
			Sg	13:55.51	-0.11		
PKSG	19.3	85	Pg	20:13:54.20	-0.01		
			Sg	13:56.71	-0.22		

353.

2022-02-21 time: 20:23:31.14 UTC ML= 0.7
lat: 47.769N lon: 16.221E h= 15.7 km
erh= 4.3km erz= 2.5km
nr= 9 gap=106 rms=0.81
Locality: Austria
Comments:

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
RONA	9.6	144	PgD	20:23:34.99		0.56	
			Sg	23:37.17		0.17	
SOP	27.1	111	Pg	20:23:35.87		-0.86	
CONA	32.2	303	Sg	20:23:41.24		-1.28	
ARSA	78.0	222	S*	20:23:56.85		0.54	
ABNA	116.0	330	Pn	20:23:51.60		0.97	
			Sn	24:04.44		-1.39	
KRUC	144.3	5	Pn	20:23:54.82		0.67	
			Sn	24:11.87		-0.23	

354.

2022-02-21 time: 20:26:31.69 UTC ML= 0.3
lat: 47.347N lon: 18.162E h= 5.8 km
erh= 1.1km erz= 0.4km
nr= 6 gap=209 rms=0.02
Locality: Nagyveleg
Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	7.7	76	Pg	20:26:33.41		0.01	
			Sg	26:34.71		-0.03	
PKST	13.7	225	PgD	20:26:34.34		0.00	
			Sg	26:36.42		0.01	
PKSG	18.0	74	Pg	20:26:35.04		-0.02	
			Sg	26:37.73		0.04	

355.

2022-02-22 time: 2:01:02.09 UTC ML= 2.0
lat: 46.487N lon: 16.204E h= 5.6 km
erh= 6.7km erz=11.0km
nr= 8 gap=172 rms=0.84
Locality: Slovenia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOGS	5.6	141	Pg	2:01:03.51		0.00	
			Sg	01:04.66		0.05	
PTJ	68.0	196	Pg	2:01:15.09		0.82	
			Sg	01:21.99		-1.79	
PERS	85.0	281	Pg	2:01:17.94		0.64	
			Sg	01:29.79		0.63	
CRES	93.5	218	Sg	2:01:30.86		-0.99	
ARSA	99.4	329	Sg	2:01:32.46		-1.29	

356.

2022-02-22 time: 8:55:44.87 UTC ML= 0.7
lat: 47.777N lon: 16.202E h= 14.6 km
erh= 2.5km erz= 2.3km
nr= 6 gap=106 rms=0.35
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	11.1	140	Pg	8:55:48.66		0.51	
			Sg	55:50.51		-0.19	
SOP	28.7	111	Sg	8:55:54.61		-0.48	
CONA	30.6	304	Sg	8:55:55.48		-0.16	
ARSA	77.7	221	Sg	8:56:09.84		-0.16	
KRUC	143.6	6	Sn	8:56:25.96		0.01	

357.

2022-02-22 time: 9:29:01.55 UTC ML= 1.7
lat: 48.230N lon: 21.999E h= 8.1 km
erh= 4.4km erz= 3.0km
nr= 9 gap=128 rms=0.67
Locality: Kékcse
Comments:

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
TRPA	41.7	105	Pg	9:29:09.19		0.06	
			Sg	29:14.31		-0.74	
ABAH	56.8	277	PgD	9:29:12.15		0.35	
			Sg	29:19.31		-0.48	
KECS	115.6	284	Pn	9:29:21.59		-0.38	
			Sn	29:35.35		-2.54	
STHS	143.1	337	Pn	9:29:26.36		0.97	
			Sn	29:43.78		-0.21	
DRGR	168.7	161	Sn	9:29:50.52		0.83	

358.

2022-02-22 time: 9:43:11.39 UTC ML= 1.6
lat: 48.526N lon: 20.763E h= 0.0 km
erh= 2.1km erz= 2.9km
nr= 8 gap=127 rms=0.81
Locality: Tornaszentandrás
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	21.0	257	Pg	9:43:14.85		-0.30	
			Sg	43:19.06		0.98	
ABAH	43.6	126	Sg	9:43:26.09		0.84	
PSZ	93.4	224	Pg	9:43:28.10		0.02	
			Sg	43:41.01		-0.08	
NIE	104.6	342	Pg	9:43:30.61		0.54	
TRPA	138.9	108	Sn	9:43:52.45		-2.29	
VYHS	142.4	269	Sn	9:43:53.86		-1.66	

359.

2022-02-22 time: 10:00:01.58 UTC ML= 2.0
lat: 48.419N lon: 17.181E h= 0.0 km
erh= 2.5km erz= 3.2km
nr= 15 gap= 80 rms=0.93
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	8.7	125	Pg	10:00:03.75		0.61	
			Sg	00:06.36		2.01	
SMOL	21.1	60	Pg	10:00:05.46		0.11	
			Sg	00:09.07		0.79	
KRUC	91.9	321	Pg	10:00:19.22		1.22	
			Sg	00:30.15		-0.65	
RONA	103.7	220	Sg	10:00:32.93		-1.61	
CONA	112.3	241	Pg	10:00:22.42		0.78	
			Sg	00:36.15		-1.13	
VYHS	122.7	86	Pg	10:00:22.82		-0.67	
			Sg	00:38.49		-2.08	
PKSG	145.7	142	Sn	10:00:45.70		-0.73	
MORC	153.3	10	Pn	10:00:27.74		0.01	
			Sn	00:47.93		-0.19	
ARSA	179.7	224	Sn	10:00:53.34		-0.65	

360.

2022-02-22 time: 10:06:49.70 UTC ML= 1.4
lat: 48.527N lon: 17.468E h= 0.0 km
erh= 0.8km erz= 1.3km
nr= 8 gap=128 rms=0.37
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	3.3	243	Pg	10:06:50.30		0.01	
			Sg	06:50.70		-0.05	
MODS	22.2	220	Pg	10:06:53.71		0.05	
			Sg	06:57.02		0.27	
KRUC	98.7	307	Sg	10:07:21.43		0.34	
VYHS	101.1	92	Sg	10:07:22.03		0.18	
CONA	136.7	241	Sn	10:07:30.66		-1.90	
MORC	139.1	2	Sn	10:07:32.37		-0.72	

Földrengés paraméterek

361.

2022-02-22 time: 12:18:21.81 UTC ML= 1.5
 lat: 46.034N lon: 21.831E h= 0.0 km
 erh= 3.3km erz= 950km
 nr= 8 gap=133 rms=0.68
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SIRR	29.2	333	Pg	12:18:27.39		0.37	
			Sg	18:31.32		0.24	
BZS	49.2	200	Pg	12:18:30.51		-0.10	
			Sg	18:36.22		-1.24	
GZR	102.4	134	Pg	12:18:40.94		0.84	
			Sg	18:53.89		-0.48	
DRGR	108.1	39	Pg	12:18:41.24		0.13	
			Sg	18:54.30		-1.87	

362.

2022-02-22 time: 13:18:22.91 UTC ML= 1.1
 lat: 47.970N lon: 16.066E h= 0.0 km
 erh= 5.2km erz= 739km
 nr= 5 gap=196 rms=0.37
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	15.9	253	Pg	13:18:26.07		0.32	
			Sg	18:27.88		-0.08	
ARSA	89.7	207	Sg	13:18:50.67		-0.76	
KRUC	123.9	11	Pg	13:18:45.25		0.22	
			Sg	19:01.92		-0.36	

363.

2022-02-22 time: 19:37:56.23 UTC ML= 1.9
 lat: 48.273N lon: 22.259E h= 11.4 km
 erh= 4.6km erz= 3.7km
 nr= 11 gap=125 rms=1.10
 Locality: Mátyus
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
TRPA	26.2	127	Pg	19:38:02.23		0.90	
			Sg	38:05.45		0.13	
KOLS	73.4	1	Sg	19:38:18.63		-1.20	
ABAH	75.7	272	Pg	19:38:09.83		-0.07	
			Sg	38:18.59		-1.97	
LTVH	102.4	195	P*	19:38:14.07		-0.42	
BMR	114.0	126	Sn	19:38:29.30		-2.17	
KECS	133.4	280	Pn	19:38:19.45		1.00	
STHS	147.4	330	Sn	19:38:39.92		1.05	
DRGR	168.2	168	Sn	19:38:42.51		-0.99	
BSZH	184.4	234	Pn	19:38:26.54		1.74	

364.

2022-02-23 time: 7:45:33.44 UTC ML= 1.5
 lat: 48.530N lon: 21.556E h= 0.0 km
 erh= 0.3km erz= 0.2km
 nr= 5 gap=265 rms=0.13
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	35.0	222	Pg	7:45:39.60		-0.10	
			Sg	45:44.62		0.04	
KECS	79.3	266	Sg	7:45:58.58		-0.05	
NIE	134.3	317	Sn	7:46:15.80		0.03	
PSZ	141.0	241	Sn	7:46:17.61		0.36	

Hypocenter Parameters

365.

2022-02-23 time: 8:37:42.29 UTC ML= 1.5
 lat: 48.016N lon: 20.674E h= 0.0 km
 erh= 5.7km erz= ***km
 nr= 5 gap=206 rms=0.47
 Locality: Kisgyőr
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	52.4	53	Pg	8:37:51.85		0.21	
			Sg	37:58.33		-0.61	
KECS	53.8	345	Pg	8:37:52.46		0.56	
			Sg	37:58.78		-0.62	
PSZ	59.2	259	Sg	8:38:00.77		-0.34	

366.

2022-02-23 time: 9:13:00.67 UTC ML= 1.9
 lat: 46.843N lon: 17.329E h= 0.0 km
 erh= 1.6km erz= 3.1km
 nr= 19 gap= 96 rms=0.70
 Locality: Lesencefalu
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	39.8	24	Pg	9:13:08.75		0.97	
			Sg	13:13.68		0.36	
TIH	43.5	82	Sg	9:13:15.42		0.92	
EGYH	63.9	0	Sg	9:13:19.97		-1.01	
PKST	70.8	49	Sg	9:13:23.22		0.03	
CSKK	91.4	51	Sg	9:13:30.23		0.50	
KOGS	93.5	242	Sg	9:13:30.25		-0.13	
PKSG	101.1	53	Sg	9:13:30.13		-2.69	
KOVH	102.7	145	Pg	9:13:19.25		0.24	
			Sg	13:33.08		-0.23	
MORH	122.7	125	Pg	9:13:22.82		0.24	
			Sg	13:39.00		-0.66	
PKSM	122.7	125	Pg	9:13:22.41		-0.18	
			Sg	13:39.61		-0.07	
RONA	123.2	321	Sg	9:13:38.69		-1.15	
PKSV	127.7	146	Sg	9:13:40.12		-1.13	
ARSA	144.5	288	Sn	9:13:45.00		-0.26	
GROS	146.1	253	Sn	9:13:45.11		-0.52	
SOKA	176.4	264	Sn	9:13:53.87		1.54	

367.

2022-02-23 time: 9:28:43.07 UTC ML= 1.3
 lat: 48.598N lon: 17.442E h= 0.0 km
 erh= 0.4km erz= 0.5km
 nr= 6 gap=219 rms=0.27
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	9.4	186	PgU	9:28:44.83		0.07	
			Sg	28:45.75		-0.32	
MODS	27.8	206	Pg	9:28:48.24		0.20	
			Sg	28:51.90		-0.01	
VYHS	103.6	96	Sg	9:29:16.08		0.08	
CONA	139.0	238	Sn	9:29:25.41		-1.03	

368.

2022-02-23 time: 12:59:10.33 UTC ML= 1.6
 lat: 47.637N lon: 16.660E h= 0.0 km
 erh= 2.3km erz= 530km
 nr= 9 gap=131 rms=0.40
 Locality: Kópháza
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SOP	9.2	304	Pg	12:59:12.34		0.37	

Hypocenter Parameters

		Sg	59:12.88	-0.37
RONA	28.1 284	Pg	12:59:15.68	0.33
		Sg	59:18.81	-0.47
CONA	68.0 298	Pg	12:59:23.06	0.59
		Sg	59:31.25	-0.69
MODS	94.0 29	Pg	12:59:26.92	-0.19
ARSA	95.9 243	Pg	12:59:27.28	-0.17
PKST	111.9 112	Sg	12:59:45.55	-0.34

369.

2022-02-23 time: 17:45:30.84 UTC ML= 0.8
lat: 47.820N lon: 16.235E h= 10.0 km
erh= 2.2km erz= 1.9km
nr= 16 gap= 73 rms=0.74

Locality: Austria

Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	14.2	161	PgD	17:45:34.40	0	46	
			Sg	45:36.03	-0	32	
SOP	28.6	122	Pg	17:45:36.76	0	51	
			Sg	45:40.25	-0	23	
CONA	30.4	293	Pg	17:45:37.49	0	94	
			Sg	45:41.18	0	17	
WINA	34.1	339	Pg	17:45:37.56	0	37	
ARSA	83.0	220	Sg	17:45:55.76	-1	65	
EGYH	93.9	119	Sg	17:46:00.22	-0	62	
MODS	99.1	52	Sg	17:46:01.20	-1	29	
ABNA	111.7	328	Pn	17:45:50.24	-0	29	
			Sn	46:03.62	-2	27	
MPLH	122.0	126	Sn	17:46:08.08	-0	09	
KRUC	138.6	5	Pn	17:45:54.30	0	42	
			Sn	46:11.19	-0	65	
PKST	149.2	115	Sn	17:46:14.86	0	66	

370.

2022-02-24 time: 7:56:57.64 UTC ML= 1.3
lat: 47.330N lon: 18.439E h= 0.0 km
erh= 1.5km erz= 7.1km
nr= 10 gap=114 rms=0.50

Locality: Zámoly

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	7.8	332	Pg	7:56:58.90	-0	13	
			Sg	56:59.80	-0	31	
CSKK	14.0	285	Pg	7:57:00.61	0	47	
			Sg	57:02.16	0	08	
PKST	31.6	255	Pg	7:57:03.72	0	43	
			Sg	57:06.88	-0	81	
MORH	124.9	173	Sg	7:57:36.91	-0	42	
PKSM	125.3	173	Sg	7:57:37.11	-0	36	
PSZ	127.5	59	Sg	7:57:38.71	0	56	
YVHS	132.8	13	Sn	7:57:37.11	-2	51	

371.

2022-02-24 time: 9:12:49.35 UTC ML= 2.4
lat: 48.993N lon: 21.371E h= 0.0 km
erh= 4.3km erz= 4.5km
nr= 12 gap=149 rms=1.19

Locality: Slovakia

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
STHS	48.0	349	Pg	9:12:58.13	0	21	
			Sg	13:05.12	0	51	
ABAH	78.1	187	Sg	9:13:14.64	0	46	
KECS	86.4	229	Pg	9:13:04.52	-0	25	
			Sg	13:15.16	-1	64	
NIE	90.5	302	Sg	9:13:15.00	-3	11	
TRPA	129.0	138	Sg	9:13:28.36	-1	99	
LANS	140.2	277	Pn	9:13:14.84	0	98	

Földrengés paraméterek

RONA	28.1	284	Sg	59:12.88	-0.37	
			Pg	12:59:15.68	0.33	
CONA	68.0	298	Sg	59:18.81	-0.47	
			Pg	12:59:23.06	0.59	
MODS	94.0	29	Sg	59:31.25	-0.69	
ARSA	95.9	243	Pg	12:59:27.28	-0.17	
PKST	111.9	112	Sg	12:59:45.55	-0.34	

372.

2022-02-24 time: 10:08:43.36 UTC ML= 2.0
lat: 48.553N lon: 20.749E h= 0.0 km
erh= 2.1km erz= 3.1km
nr= 14 gap=128 rms=0.81
Locality: Komjáti
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	21.0	248	Pg	10:08:47.34	0	24	
			Sg	08:50.46	0	44	
ABAH	46.2	128	Pg	10:08:52.06	0	45	
			Sg	08:58.14	0	10	
PSZ	94.9	222	Pg	10:09:00.80	0	49	
			Sg	09:14.15	0	62	
NIE	101.4	342	Pg	10:09:02.81	1	34	
			Sg	09:15.66	0	06	
LANS	115.2	305	Pg	10:09:03.01	-0	91	
			Sg	09:18.12	-1	84	
TRPA	140.8	110	Pn	10:09:07.68	-0	26	
			Sn	09:24.75	-2	37	
VYHS	141.5	267	Pn	10:09:07.48	-0	55	
			Sn	09:26.15	-1	13	

373.

2022-02-24 time: 10:58:49.74 UTC ML= 0.6
lat: 47.233N lon: 18.267E h= 0.0 km
erh= 2.4km erz= 594km
nr= 7 gap=138 rms=0.41
Locality: Izska szentgyörgy
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	14.5	358	Pg	10:58:52.48	0	15	
			Sg	58:53.98	-0	37	
PKST	17.9	279	Pg	10:58:53.10	0	17	
			Sg	58:55.23	-0	20	
PKSG	20.0	28	Pg	10:58:53.81	0	50	
			Sg	58:55.65	-0	44	
MORH	116.7	166	Sg	10:59:25.77	-1	05	

374.

2022-02-24 time: 11:09:04.37 UTC ML= 2.1
lat: 48.548N lon: 19.380E h= 0.0 km
erh= 3.0km erz= 5.9km
nr= 12 gap=104 rms=0.95
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	40.6	261	Pg	11:09:12.14	0	51	
			Sg	09:16.16	-1	13	
LANS	67.3	6	Pg	11:09:16.67	0	28	
			Sg	09:24.99	-0	77	
PSZ	79.8	151	Sg	11:09:29.47	-0	27	
KECS	82.0	95	Pg	11:09:19.83	0	81	
			Sg	09:29.61	-0	83	
PENC	84.6	185	Sg	11:09:30.11	-1	15	
NIE	118.5	35	Pg	11:09:26.10	0	57	
			Sg	09:39.11	-2	93	
ABAH	140.5	102	Pn	11:09:30.27	1	35	
			Sn	09:46.74	-1	33	

Földrengés paraméterek

Hypocenter Parameters

375.

2022-02-24 time: 13:02:34.79 UTC ML= 1.0
 lat: 47.852N lon: 16.021E h= 0.0 km
 erh= 2.7km erz= 4.2km
 nr= 7 gap=118 rms=0.86
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	14.6	306	Pg	13:02:38.10			0.70
			Sg	02:39.71			0.28
RONA	26.7	129	Pg	13:02:40.16			0.60
			Sg	02:43.33			0.04
ARSA	76.6	209	Sg	13:02:57.84			-1.31
KRUC	137.4	12	Pn	13:02:58.84			-0.11
			Sn	03:15.26			-2.54

376.

2022-02-24 time: 13:38:22.55 UTC ML= 1.6
 lat: 46.071N lon: 18.133E h= 0.0 km
 erh= 1.3km erz= 390km
 nr= 10 gap=152 rms=0.30
 Locality: Cserkút
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	3.2	308	Pg	13:38:22.93			-0.19
			Sg	38:23.61			0.04
PKSV	22.3	155	Pg	13:38:26.54			0.02
			Sg	38:29.98			0.36
PKSM	42.3	68	Pg	13:38:29.78			-0.32
			Sg	38:35.91			-0.09
MORH	42.7	68	Pg	13:38:29.86			-0.31
			Sg	38:36.11			0.00
PKB4	59.6	37	Pg	13:38:33.32			0.12
PKB5	74.5	39	Pg	13:38:36.61			0.76

377.

2022-02-24 time: 20:54:01.79 UTC ML= 0.7
 lat: 47.780N lon: 16.223E h= 14.2 km
 erh= 3.1km erz= 2.2km
 nr= 8 gap=153 rms=0.34
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	10.5	148	Pg	20:54:05.17			0.23
			Sg	54:07.18			-0.21
SOP	27.4	113	Pg	20:54:07.53			0.24
			Sg	54:10.99			-0.59
CONA	31.7	301	Sg	20:54:12.45			-0.37
WINA	38.1	343	Pg	20:54:09.44			0.39
			Sg	54:14.70			-0.01
KRUC	143.1	5	Sn	20:54:42.32			-0.53

378.

2022-02-25 time: 8:03:41.62 UTC ML= 1.8
 lat: 47.286N lon: 17.635E h= 0.0 km
 erh= 1.7km erz= 2.0km
 nr= 19 gap= 85 rms=0.72
 Locality: Homokbődöge
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	14.8	209	Pg	8:03:44.17			-0.09
			Sg	03:47.49			1.17
EGYH	27.1	302	Sg	8:03:50.36			0.12
PKST	30.4	96	Pg	8:03:46.69			-0.35
			Sg	03:51.26			-0.02
CSKK	48.1	80	Sg	8:03:57.53			0.63

PKSG	58.3	78	Pg	8:03:52.31	0.28
			Sg	03:59.94	-0.21
SRO	77.7	41	Sg	8:04:05.52	-0.81
RONA	110.8	294	Sg	8:04:15.46	-1.39
MODS	123.8	348	Sg	8:04:18.47	-2.51
KOVH	137.8	165	Pn	8:04:06.32	0.48
			Sn	04:23.49	-1.24
MORH	141.8	147	Pn	8:04:06.62	0.29
			Sn	04:24.60	-1.01
CONA	151.2	298	Sn	8:04:27.41	-0.29
VYHS	161.6	34	Pn	8:04:09.94	1.14
			Sn	04:29.52	-0.48
PSZ	183.9	68	Sn	8:04:35.65	0.70

379.

2022-02-25 time: 9:37:16.88 UTC ML= 1.6
 lat: 48.583N lon: 20.735E h= 0.0 km
 erh= 4.8km erz= 3.9km
 nr= 6 gap=225 rms=0.57
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	21.5	239	Pg	9:37:20.91			0.18
			Sg	37:24.02			0.29
ABAH	49.1	131	Sg	9:37:32.56			0.07
PSZ	96.8	220	Pg	9:37:34.71			0.55
			Sg	37:46.66			-0.98
VYHS	140.6	266	Sn	9:37:59.57			-1.04

380.

2022-02-25 time: 10:30:12.86 UTC ML= 1.8
 lat: 48.514N lon: 17.501E h= 2.2 km
 erh= 4.6km erz= 2.5km
 nr= 6 gap=280 rms=0.31
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
SMOL	5.3	270	Pg	10:30:13.54			-0.35
			Sg	30:14.50			-0.18
MODS	22.7	227	Pg	10:30:17.21			0.28
			Sg	30:20.22			0.12
KRUC	101.6	307	Sg	10:30:45.63			0.48
CONA	138.1	242	Sn	10:30:55.22			-0.31

381.

2022-02-25 time: 16:20:25.49 UTC ML= 2.0
 lat: 45.922N lon: 17.090E h= 12.7 km
 erh= 5.2km erz= 3.2km
 nr= 9 gap=173 rms=0.73
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	65.6	338	Pg	16:20:38.35			0.94
			Sg	20:47.09			0.37
KOVH	80.4	77	Pg	16:20:40.39			0.37
			Sg	20:50.83			-0.53
KOGS	87.3	312	Sg	16:20:51.99			-1.54
PKSV	90.3	92	Sg	16:20:53.32			-1.14
PKSM	124.3	75	Sn	16:21:02.56			-0.14
MORH	124.6	75	Sn	16:21:02.61			-0.16
CRES	127.2	265	Sn	16:21:03.49			0.14

Hypocenter Parameters

382.

2022-02-25 time: 18:26:13.19 UTC ML= 1.2
 lat: 47.911N lon: 16.398E h= 16.5 km
 erh= 2.8km erz= 3.6km
 nr= 10 gap=103 rms=0.38
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	24.7	198	Pg	18:26:18.72		0.22	
			Sg	26:22.19		-0.45	
SOP	28.0	155	Pg	18:26:19.43		0.43	
			Sg	26:22.99		-0.54	
WINA	32.7	312	Pg	18:26:20.08		0.35	
			Sg	26:24.35		-0.48	
CONA	40.2	273	Pg	18:26:21.28		0.33	
			Sg	26:26.56		-0.44	
MODS	83.2	52	P*	18:26:28.01		-0.05	
			S*	26:39.06		-0.59	

383.

2022-02-26 time: 9:45:18.02 UTC ML= 1.2
 lat: 46.232N lon: 18.250E h= 0.0 km
 erh= 2.1km erz= 623km
 nr= 11 gap=136 rms=0.51
 Locality: Kisbattyán
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	19.7	216	Pg	9:45:21.90		0.36	
			Sg	45:24.71		0.42	
PKSM	30.3	94	Pg	9:45:23.86		0.43	
			Sg	45:27.63		-0.02	
MORH	30.5	93	Pg	9:45:23.96		0.49	
			Sg	45:27.78		0.07	
PKSV	38.1	180	Pg	9:45:24.51		-0.33	
			Sg	45:29.08		-1.07	
PKB4	40.1	43	Sg	9:45:30.28		-0.49	
PKB2	90.7	57	Sg	9:45:46.65		-0.21	
PKST	115.4	352	Sg	9:45:53.28		-1.42	

384.

2022-02-26 time: 22:49:26.43 UTC ML= 2.7
 lat: 46.175N lon: 16.555E h= 12.8 km
 erh= 1.1km erz= 1.1km
 nr= 56 gap=125 rms=0.55
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOGS	38.4	322	Pg	22:49:33.46		-0.20	
			Sg	49:37.79		-1.50	
PTJ	55.4	237	Pg	22:49:36.62		0.03	
			Sg	49:43.43		-1.08	
ZAG	58.1	228	Pg	22:49:37.83		0.78	
			Sg	49:45.84		0.51	
GROS	87.1	291	Pg	22:49:41.25		-0.91	
CRES	93.5	245	P*	22:49:43.28		0.07	
KOVH	119.8	95	Pn	22:49:46.93		0.17	
			Sn	50:01.36		-1.26	
PERS	121.9	295	Pn	22:49:47.14		0.11	
			Sn	50:02.61		-0.49	
SOKA	129.7	296	Pn	22:49:47.94		-0.06	
			Sn	50:05.13		0.30	
TIH	130.5	52	Pn	22:49:48.04		-0.06	
MPLH	133.8	34	Pn	22:49:48.32		-0.20	
			Sn	50:05.32		-0.42	
PKSV	135.2	104	Pn	22:49:48.82		0.13	
			Sn	50:05.30		-0.75	
PKS9	140.3	71	Pn	22:49:49.18		-0.14	
ARSA	143.2	327	Pn	22:49:50.14		0.45	
			Sn	50:07.56		-0.27	

Földrengés paraméterek

EGYH	150.3	23	Pn	22:49:50.85	0.28
OBKA	158.9	284	Sn	50:09.89	0.50
PKSM	161.1	89	Pn	22:49:51.88	0.24
MORH	161.3	88	Sn	50:11.46	0.16
PKB4	161.7	77	Pn	22:49:51.85	-0.03
			Sn	50:12.53	0.10
PKST	165.3	43	Pn	22:49:52.43	-0.01
SOP	167.7	0	Sn	22:50:11.92	-1.33
RONA	170.6	353	Pn	22:49:53.76	0.65
			Sn	50:14.58	0.67
PKB5	174.1	74	Pn	22:49:52.93	-0.61
PKB1	184.7	68	Pn	22:49:55.10	0.24
CSKK	185.5	45	Sn	50:20.80	3.77*
PKSG	194.8	46	Pn	22:49:55.61	0.65
			Sn	50:21.07	3.86*
CONA	201.9	345	Pn	22:49:56.20	0.08
PKS2	207.7	80	Pn	22:49:57.67	-0.06
PKB2	213.9	75	Pn	22:49:58.02	-0.48
WINA	217.9	350	Pn	22:50:00.30	1.30
			Sn	50:24.73	0.33
SRO	225.9	36	Pn	22:50:00.18	0.18
MYKA	229.7	283	Pn	22:50:01.07	0.60
			Sn	50:25.74	-1.28
A338	245.9	34	Pn	22:50:02.82	0.33
			Sn	50:30.85	0.23
MODS	250.5	13	Pn	22:50:02.97	-0.09
MOA	254.9	317	Pn	22:50:04.48	0.87
			Sn	50:32.57	-0.04
PENC	274.4	49	Pn	22:50:06.28	0.24
BIOA	278.8	307	Pn	22:50:07.03	0.43
			Sn	50:37.17	-0.76
ABNA	290.1	343	Pn	22:50:08.99	0.99
			Sn	50:39.81	-0.61*
VYHS	310.1	34	Pn	22:50:10.45	-0.05*
ABTA	317.0	282	Pn	22:50:12.56	1.20*
KRUC	321.2	358	Pn	22:50:12.25	0.37*
WTTA	395.1	288	Pn	22:50:21.22	0.13*
			Sn	51:02.71	-1.02*
BZS	397.7	99	Pn	22:50:21.99	0.57*
WATA	401.7	289	Pn	22:50:21.51	-0.41*

385.

2022-02-28	time:	3:47:56.56	UTC	ML= 1.0
lat:	47.748N	lon:	16.154E	h= 12.5 km
erh=	1.8km	erz=	1.7km	
nr=	14	gap=	104	rms=0.54
Locality:	Austria	Comments:		

sta	dist	azm	phase	hr	mn	sec	res
RONA	11.9	116	PgD	3:47:59.94		0.30	
			Sg	48:01.80		-0.25	
CONA	29.7	313	Pg	3:48:02.71		0.40	
			Sg	48:06.77		-0.03	
SOP	31.2	103	Pg	3:48:02.57		0.01	
			Sg	48:06.72		-0.51	
WINA	40.5	351	Pg	3:48:04.58		0.46	
			Sg	48:09.44		-0.58	
ARSA	72.9	221	Pg	3:48:09.89		0.13	
			Sg	48:19.07		-0.99	
ABNA	115.8	332	Pn	3:48:16.26		-0.17	
			Sn	48:29.86		-2.08	
KRUC	147.3	7	Pn	3:48:21.30		0.94	
			Sn	48:37.80		-1.12	

Földrengés paraméterek

386.

2022-02-28 time: 7:12:14.91 UTC ML= 1.2
 lat: 47.177N lon: 18.265E h= 0.0 km
 erh= 2.6km erz= 750km
 nr= 8 gap=166 rms=0.53
 Locality: Sárkeszi
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	19.7	298	Pg	7:12:18	02	-0.41	
			Sg	12:20	03	-1.15	
CSKK	20.7	359	Pg	7:12:18	77	0.15	
			Sg	12:21	58	0.07	
MPLH	55.0	269	Pg	7:12:25	24	0.51	
			Sg	12:33	18	0.78	
MORH	110.7	165	Sg	7:12:49	40	-0.69	
PKSM	111.0	165	Sg	7:12:50	45	0.24	

387.

2022-02-28 time: 8:26:34.28 UTC ML= 2.0
 lat: 47.810N lon: 19.886E h= 0.0 km
 erh= 3.1km erz= 3.9km
 nr= 12 gap=184 rms=0.70
 Locality: Gyöngyösoroszi
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	12.1	3	PgU	8:26:36	25	-0.18	
			Sg	26:38	35	0.24	
KECS	87.1	31	Pg	8:26:50	47	0.63	
			Sg	27:00	75	-1.23	
VYHS	109.0	314	Pg	8:26:54	12	0.38	
			Sg	27:08	38	-0.55	
ABAH	114.5	62	Pg	8:26:54	69	-0.03	
			Sg	27:09	65	-1.01	
PKSG	121.7	248	Sg	8:27:12	77	-0.18	
PKST	152.3	246	Sn	8:27:19	09	-1.50	
NIE	181.7	10	Pn	8:27:04	91	0.95	
			Sn	27:28	71	1.59	

388.

2022-02-28 time: 8:49:44.85 UTC ML= 2.1
 lat: 48.044N lon: 19.965E h= 3.6 km
 erh= 2.1km erz= 1.8km
 nr= 22 gap= 91 rms=0.77
 Locality: Mátraterenye
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PSZ	15.0	201	PgD	8:49:47	69	0.09	
			Sg	49:49	96	0.21	
PENC	58.4	241	Pg	8:49:54	88	-0.41	
			Sg	50:02	69	-0.75	
KECS	62.2	38	Pg	8:49:56	69	0.71	
			Sg	50:04	45	-0.21	
BSZH	85.9	165	Pg	8:50:00	31	0.12	
VYHS	97.6	301	Pg	8:50:02	47	0.19	
			Sg	50:13	25	-2.64	
ABAH	98.8	74	Pg	8:50:02	17	-0.34	
			Sg	50:14	96	-1.32	
PKS7	126.3	209	Sn	8:50:23	02	-1.56	
LANS	128.3	343	PnD	8:50:07	65	0.23	
			Sn	50:23	67	-1.36	
PKSG	138.6	238	Sn	8:50:27	18	-0.14	
NIE	155.0	10	Pn	8:50:12	17	1.43	
PKB2	161.8	200	Sn	8:50:31	40	-1.06	
PKB1	165.7	212	Sn	8:50:33	56	0.23	
PKST	169.3	239	Pn	8:50:13	73	1.20	
PKB5	186.0	210	Sn	8:50:38	58	0.75	
PKB4	200.6	211	Sn	8:50:41	94	0.87	
PKSM	227.2	206	Sn	8:50:47	94	0.98	

122

Hypocenter Parameters

389.

2022-02-28 time: 9:19:55.12 UTC ML= 1.0
 lat: 47.862N lon: 16.039E h= 0.0 km
 erh= 1.6km erz= 2.5km
 nr= 7 gap=122 rms=0.79
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	15.2	299	Pg	9:19:58	29	0.45	
			Sg	20:00	70	0.74	
RONA	26.4	133	Pg	9:20:00	30	0.47	
			Sg	20:04	01	0.51	
ARSA	78.3	210	Sg	9:20:18	87	-1.14	
KRUC	136.0	11	Pn	9:20:18	79	-0.32	
			Sn	20:35	71	-2.12	

390.

2022-02-28 time: 9:32:07.39 UTC ML= 1.4
 lat: 48.453N lon: 19.539E h= 0.0 km
 erh= 2.4km erz= 814km
 nr= 8 gap=119 rms=0.59
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	52.2	275	Pg	9:32:17	18	0.47	
			Sg	32:23	31	-0.67	
PSZ	65.1	156	Pg	9:32:19	69	0.68	
			Sg	32:26	72	-1.35	
KECS	70.0	87	Pg	9:32:20	10	0.20	
			Sg	29:53		-0.12	
LANS	77.7	356	Sg	9:32:31	64	-0.45	
NIE	121.4	28	Sg	9:32:45	50	-0.49	

391.

2022-02-28 time: 10:05:34.68 UTC ML= 1.9
 lat: 48.547N lon: 19.307E h= 0.0 km
 erh= 1.7km erz= 3.0km
 nr= 8 gap=112 rms=0.36
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	35.2	260	Pg	10:05:40	52	-0.45	
			Sg	05:46	69	0.81	
LANS	68.2	10	Pg	10:05:47	01	0.16	
PSZ	82.4	148	Pg	10:05:49	46	0.06	
			Sg	06:00	95	0.08	
KECS	87.4	95	Pg	10:05:49	90	-0.39	
			Sg	06:02	56	0.10	
ABAH	145.8	101	Sn	10:06:20	15	0.60	

392.

2022-02-28 time: 11:27:07.49 UTC ML= 1.9
 lat: 48.835N lon: 21.598E h= 0.0 km
 erh= 1.9km erz= 3.2km
 nr= 12 gap= 96 rms=0.63
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	65.5	204	Sg	11:27:28	58	0.26	
STHS	69.7	338	Pg	11:27:20	63	0.70	
			Sg	27:28	88	-0.75	
KECS	90.8	244	Pg	11:27:22	27	-1.44	
			Sg	27:36	33	-0.03	
TRPA	104.8	138	Pg	11:27:25	90	-0.31	
			Sg	27:40	31	-0.49	
NIE	114.1	305	Pg	11:27:28	48	0.62	

Hypocenter Parameters

KWP	119.9	42	Sg	27:43.73	-0.01
LANS	159.8	283	Sg	11:27:45.48	-0.11
PSZ	162.2	231	Pn	11:27:34.70	0.25
			Sn	11:27:56.79	0.77

393.

2022-02-28 time: 13:42:04.81 UTC ML= 1.8
lat: 47.839N lon: 20.197E h= 0.0 km
erh= 6.5km erz= ***km
nr= 8 gap=209 rms=0.85
Locality: Verpelét
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	24.3	291	Pg	13:42:09.76	0.62		
			Sg	42:13.37	0.85		
PENC	68.7	266	Sg	13:42:26.63	-0.02		
KECS	74.8	17	Sg	13:42:29.09	0.50		
ABAH	92.9	57	Pg	13:42:21.81	0.41		
			Sg	42:34.12	-0.21		
VYHS	124.7	306	Pg	13:42:25.88	-1.20		
			Sg	42:41.89	-2.55		

394.

2022-02-28 time: 21:45:51.37 UTC ML= 0.7
lat: 47.814N lon: 16.277E h= 14.4 km
erh= 4.1km erz= 2.6km
nr= 11 gap=121 rms=0.62
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.8	173	PgD	21:45:54.74	-0.08		
			Sg	45:56.56	-0.95		
SOP	25.7	125	Pg	21:45:56.97	0.34		
			Sg	46:00.70	-0.03		
CONA	33.5	292	Pg	21:45:58.30	0.41		
			Sg	46:03.23	0.25		
WINA	35.9	335	Sg	21:46:02.70	-0.98		
ABNA	114.0	327	Pn	21:46:10.54	-0.22		
			Sn	46:24.22	-1.67		
KRUC	139.0	4	Pn	21:46:14.88	1.00		
			Sn	46:31.40	-0.05		

395.

2022-03-01 time: 1:13:16.22 UTC ML= 1.9
lat: 47.115N lon: 16.007E h= 12.4 km
erh= 2.1km erz= 2.1km
nr= 22 gap= 55 rms=0.93
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
ARSA	39.6	292	Pg	1:13:24.04	0.41		
			Sg	13:29.18	-0.24		
RONA	68.5	19	Pg	1:13:28.32	-0.33		
			Sg	13:37.56	-0.79		
SOP	75.6	33	Pg	1:13:29.20	-0.70		
			Sg	13:39.32	-1.26		
KOGS	76.5	166	Pg	1:13:31.16	1.11		
			Sg	13:41.18	0.34		
GROS	82.3	208	Pg	1:13:30.17	-0.91		
			Sg	13:40.95	-1.73		
SOKA	88.8	237	Sg	1:13:43.73	-0.97		
CONA	91.1	353	Pg	1:13:34.58	1.95		
			Sg	13:46.60	1.18		
BEHE	92.7	141	S*	1:13:45.47	-0.44		
EGYH	105.7	71	Pn	1:13:35.28	0.43		
			Sn	13:47.71	-1.67		
WINA	110.4	3	Pn	1:13:35.61	0.18		
			Sn	13:50.05	-0.37		
MPLH	116.4	87	Sn	1:13:51.58	-0.17		

Földrengés paraméterek

CRES	149.4	196	Sn	1:14:00.42	1.34
MOA	154.5	302	Pn	1:13:41.70	0.76
			Sn	14:00.95	0.73

396.

2022-03-01 time: 2:26:16.71 UTC ML= 1.6
lat: 46.492N lon: 17.686E h= 11.4 km
erh= 1.4km erz= 1.9km
nr= 24 gap=121 rms=0.56
Locality: Somogyjád
Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKS9	46.7	77	Pg	2:26:24.88	-0.41		
			Sg	26:32.01	0.02		
KOVH	55.0	145	Pg	2:26:26.54	-0.20		
			Sg	26:33.31	-1.25		
BEHE	69.9	268	Sg	2:26:39.28	0.05		
PKB4	70.5	90	Pg	2:26:30.24	0.78		
			Sg	26:39.96	0.56		
MPLH	76.3	352	Pg	2:26:30.79	0.31		
			Sg	26:41.27	0.05		
PKSM	79.9	113	Pg	2:26:31.37	0.26		
			Sg	26:41.43	-0.92		
MORH	79.9	113	Pg	2:26:31.21	0.09		
			Sg	26:41.57	-0.78		
PKSV	80.0	147	Pg	2:26:31.92	0.78		
			Sg	26:42.51	0.11		
PKB5	81.3	82	Pg	2:26:32.02	0.64		
			Sg	26:42.95	0.13		
PKST	89.4	17	Pg	2:26:32.60	-0.20		
			Sg	26:44.40	-0.94		
PKB1	90.8	69	Pg	2:26:32.96	-0.08		
			Sg	26:44.52	-1.26		
KOGS	110.4	267	Sn	2:26:49.53	-1.60		
PKB3	116.2	94	Sn	2:26:52.39	-0.03		
PKB2	121.0	80	Sn	2:26:53.99	0.50		

397.

2022-03-01 time: 7:38:35.50 UTC ML= 1.2
lat: 47.301N lon: 18.322E h= 0.0 km
erh= 1.4km erz= 235km
nr= 6 gap=231 rms=0.14
Locality: Magyaralmás
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	8.3	326	Pg	7:38:37.20	0.21		
			Sg	38:38.20	0.05		
PKSG	11.4	27	Pg	7:38:37.45	-0.08		
			Sg	38:39.00	-0.11		
PKST	22.3	258	Pg	7:38:39.51	0.03		
			Sg	38:42.29	-0.29		

398.

2022-03-01 time: 9:25:43.84 UTC ML= 1.4
lat: 48.097N lon: 20.703E h= 0.0 km
erh= 0.9km erz= 1.4km
nr= 7 gap=191 rms=0.15
Locality: Pereces
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	45.6	61	Pg	9:25:51.90	-0.08		
			Sg	25:58.53	0.20		
KECS	45.8	339	Pg	9:25:52.10	0.08		
			Sg	25:58.23	-0.17		
PSZ	63.5	252	Pg	9:25:55.02	-0.17		
			Sg	26:04.25	0.21		
VYHS	145.4	288	Sn	9:26:28.76	0.13		

Földrengés paraméterek

399.

2022-03-01 time: 10:01:12.18 UTC ML= 1.3
 lat: 48.500N lon: 17.478E h= 0.0 km
 erh= 4.3km erz= 538km
 nr= 6 gap=278 rms=0.32
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	4.0	293	Pg	10:01	12.30	-0.58	
			Sg		13.30	-0.13	
MODS	20.4	227	Pg	10:01	16.01	0.19	
			Sg		18.77	0.10	
KRUC	101.2	308	Pg	10:01	30.57	0.33	
			Sg		44.38	0.05	

400.

2022-03-01 time: 10:24:56.73 UTC ML= 1.9
 lat: 48.575N lon: 17.639E h= 0.0 km
 erh= 4.6km erz= 3.8km
 nr= 9 gap=161 rms=0.89
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	16.9	246	PgU	10:25	00.58	0.83	
			Sg		01.00	-1.11	
MODS	34.9	230	Pg	10:25	03.91	0.96	
			Sg		07.23	-0.57	
KRUC	106.2	301	Sg	10:25	30.42	-0.06	
RONA	139.5	226	Sn	10:25	39.29	-0.91	
LANS	148.7	64	Sn	10:25	41.04	-1.21	
CONA	150.3	241	Pn	10:25	23.04	0.54	
			Sn		41.04	-1.56	

401.

2022-03-01 time: 10:52:11.46 UTC ML= 1.8
 lat: 48.558N lon: 20.750E h= 0.0 km
 erh= 1.5km erz= 3.3km
 nr= 14 gap=108 rms=0.56
 Locality: Komjáti
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	21.2	247	Pg	10:52	15.51	0.26	
			Sg		18.72	0.51	
ABAH	46.4	129	Pg	10:52	19.52	-0.23	
			Sg		26.15	-0.07	
PSZ	95.4	222	Pg	10:52	28.66	0.17	
			Sg		41.61	-0.17	
NIE	101.0	342	Pg	10:52	30.47	0.98	
			Sg		43.41	-0.15	
STHS	102.1	21	Pg	10:52	30.07	0.37	
			Sg		43.02	-0.90	
LANS	114.9	305	Pg	10:52	31.87	-0.11	
			Sg		46.33	-1.66	
VYHS	141.6	267	Pn	10:52	35.89	-0.26	
			Sn		53.87	-1.53	

402.

2022-03-01 time: 11:00:11.61 UTC ML= 1.8
 lat: 48.148N lon: 16.900E h= 0.0 km
 erh= 3.2km erz= 684km
 nr= 8 gap=174 rms=0.50
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	37.6	48	Pg	11:00	18.60	0.28	
			Sg		23.02	-0.54	

Hypocenter Parameters

RONA	67.2	222	Pg	11:00:23.82	0.21
			Sg	00:32.26	-0.72
CONA	81.2	253	Pg	11:00:26.67	0.56
			Sg	00:37.23	-0.19
KRUC	108.3	340	Pg	11:00:30.90	-0.04
			Sg	00:44.06	-1.96

403.

2022-03-01 time: 12:13:58.02 UTC ML= 1.6
 lat: 47.852N lon: 16.011E h= 0.0 km
 erh= 2.4km erz= 4.1km
 nr= 9 gap= 99 rms=0.79
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	14.0	307	Pg	12:14:01.42	0.90		
			Sg		03.15	0.67	
RONA	27.3	128	PgU	12:14:03.33	0.44		
			Sg		07.15	0.46	
ARSA	76.3	209	Sg	12:14:21.51	-0.75		
MODS	110.7	58	Pg	12:14:18.07	0.27		
			Sg		31.95	-1.27	
KRUC	137.5	12	Pn	12:14:21.68	-0.52		
			Sn		39.13	-1.93	

404.

2022-03-01 time: 12:23:18.08 UTC ML= 1.4
 lat: 47.866N lon: 16.079E h= 0.0 km
 erh= 2.4km erz= 3.8km
 nr= 7 gap=129 rms=1.06
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	17.6	293	Pg	12:23:21.68	0.45		
			Sg		24.79	1.10	
RONA	24.7	139	PgU	12:23:23.26	0.77		
			Sg		26.60	0.68	
ARSA	80.2	211	Sg	12:23:41.84	-1.73		
KRUC	135.0	10	Pn	12:23:41.53	-0.42		
			Sn		58.03	-2.54	

405.

2022-03-02 time: 8:02:56.48 UTC ML= 1.5
 lat: 47.986N lon: 20.385E h= 0.0 km
 erh= 4.8km erz= 878km
 nr= 6 gap=197 rms=0.51
 Locality: Felsőtárkány
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	37.4	258	Pg	8:03:03.10	-0.06		
			Sg		07.94	-0.44	
KECS	55.7	8	Pg	8:03:06.99	0.56		
			Sg		13.63	-0.56	
ABAH	72.3	62	Pg	8:03:09.80	0.41		
			Sg		18.46	-0.99	

406.

2022-03-02 time: 8:52:32.79 UTC ML= 1.9
 lat: 48.499N lon: 17.432E h= 0.0 km
 erh= 3.2km erz= 2.7km
 nr= 9 gap=216 rms=0.45
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	1.6	351	PgU	8:52:32.76	-0.32		
			Sg		33.52	0.21	

Hypocenter Parameters

MODS	18.1	219	Pg	8:52:36.07	0.06
			Sg	52:39.01	0.48
KRUC	98.6	309	Sg	8:53:04.23	0.10
RONA	122.7	224	Pg	8:52:54.68	-0.02
CONA	132.9	241	Sn	8:53:13.37	-1.42
MORC	142.3	3	Sn	8:53:16.22	-0.68
KRLC	181.6	345	Pn	8:53:03.23	0.77

407.

2022-03-02 time: 9:25:34.38 UTC ML= 1.8
lat: 48.579N lon: 20.723E h= 0.0 km
erh= 1.7km erz= 3.3km
nr= 15 gap= 90 rms=0.67
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	20.5	239	Pg	9:25:38.21	0.17		
			Sg	25:41.12	0.21		
ABAH	49.5	130	Pg	9:25:43.98	0.76		
			Sg	25:49.46	-0.65		
PSZ	95.9	220	Pg	9:25:51.97	0.48		
			Sg	26:03.76	-1.09		
NIE	98.1	342	Pg	9:25:52.78	0.89		
			Sg	26:04.59	-0.96		
STHS	100.6	22	Pg	9:25:52.64	0.30		
			Sg	26:05.32	-1.04		
LANS	111.9	305	Pg	9:25:54.44	0.08		
			Sg	26:09.50	-0.44		
VYHS	139.7	266	Pn	9:25:58.74	-0.09		
			Sn	26:16.77	-1.13		
TRPA	143.5	110	Sn	9:26:16.45	-2.31		

408.

2022-03-02 time: 10:48:28.64 UTC ML= 0.7
lat: 47.238N lon: 18.276E h= 0.0 km
erh= 1.5km erz= 381km
nr= 7 gap=139 rms=0.25
Locality: Iszkaszentgyörgy
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	13.9	355	Pg	10:48:31.43	0.30		
			Sg	48:32.56	-0.50		
PKST	18.5	277	Pg	10:48:32.14	0.20		
			Sg	48:34.24	-0.27		
PKSG	19.1	27	Pg	10:48:32.18	0.12		
			Sg	48:34.55	-0.17		
PKSM	117.5	166	Pg	10:48:49.43	-0.19		

409.

2022-03-02 time: 11:16:35.96 UTC ML= 1.6
lat: 46.121N lon: 18.032E h= 0.0 km
erh= 1.2km erz= 2.6km
nr= 17 gap=224 rms=0.29
Locality: Bükkösőd
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	6.4	125	PgU	11:16:37.20	0.09		
			Sg	16:38.46	0.46		
PKSV	31.0	147	Pg	11:16:41.07	-0.43		
			Sg	16:45.38	-0.44		
PKSM	48.2	78	Pg	11:16:44.58	0.02		
			Sg	16:51.11	-0.16		
MORH	48.5	77	Pg	11:16:44.83	0.21		
			Sg	16:51.16	-0.21		
PKS9	55.2	20	Pg	11:16:46.14	0.33		
			Sg	16:53.46	-0.04		
PKB4	60.7	47	Pg	11:16:47.14	0.34		
			Sg	16:54.97	-0.28		
PKB5	75.6	46	Pg	11:16:49.72	0.26		

Földrengés paraméterek

MODS	18.1	219	Pg	8:52:36.07	0.06	Sg	16:59.74	-0.24			
			Sg	52:39.01	0.48	PKB1	94.1	38	Pg	11:16:52.46	-0.30
KRUC	98.6	309	Sg	8:53:04.23	0.10				Sg	17:06.02	0.16
RONA	122.7	224	Pg	8:52:54.68	-0.02	PKSG	143.9	11	Sn	11:17:19.63	-0.79
CONA	132.9	241	Sn	8:53:13.37	-1.42						
MORC	142.3	3	Sn	8:53:16.22	-0.68	410.					
KRLC	181.6	345	Pn	8:53:03.23	0.77						

2022-03-02 time: 11:21:55.70 UTC ML= 1.9
lat: 48.563N lon: 20.708E h= 0.0 km
erh= 2.6km erz= 4.6km
nr= 12 gap=144 rms=0.78
Locality: Bódvaszilas
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res				
KECS	18.7	242	Pg	11:21:59.19	0.16	Sg	22:02.71	1.07			
			Sg	22:02.71		PBAH	49.3	127	Pg	11:22:04.41	-0.08
			Sg	22:10.74					Sg	22:10.74	-0.61
PSZ	93.8	220	Pg	11:22:13.05	0.61	PZ	93.8	220	Pg	11:22:13.05	0.61
			Sg	22:25.51					Sg	22:25.51	0.01
NIE	99.5	343	Pg	11:22:14.76	1.30	NIE	99.5	343	Pg	11:22:14.76	1.30
			Sg	22:26.81					Sg	22:26.81	-0.51
LANS	112.1	306	Pg	11:22:14.76	-0.95	LANS	112.1	306	Pg	11:22:14.76	-0.95
			Sg	22:29.90					Sg	22:29.90	-1.42
VYHS	138.5	267	Pn	11:22:20.13	0.13	VYHS	138.5	267	Pn	11:22:20.13	0.13
			Sn	22:37.58					Sn	22:37.58	-1.38

2022-03-02 time: 15:05:14.08 UTC ML= 2.0
lat: 47.120N lon: 19.317E h= 0.0 km
erh= 7.9km erz= ***km
nr= 11 gap=181 rms=1.02
Locality: Örkény
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res				
PKS7	14.4	236	Pg	15:05:16.95	0.30	Sg	05:18.51	-0.14			
			Sg	05:18.51		PKB5	73.3	217	Pg	15:05:28.20	1.03
			Sg	05:38.39					Sg	05:38.39	1.00
PENC	74.6	358	Pg	15:05:28.60	1.20	PENC	74.6	358	Pg	15:05:28.60	1.20
			Sg	05:36.58					Sg	05:36.58	-1.20
PKB4	88.2	218	Pg	15:05:30.00	0.17	PKB4	88.2	218	Pg	15:05:30.00	0.17
			Pg	15:05:31.36					Sg	05:44.77	-0.72
PSZ	98.8	26	Pg	15:05:31.36					Sg	05:44.77	-0.72
MORH	113.0	207	Sg	15:05:47.83	-2.16	MORH	113.0	207	Sg	15:05:47.83	-2.16
PKSM	113.5	207	Sg	15:05:47.78	-2.37	PKSM	113.5	207	Sg	15:05:47.78	-2.37

2022-03-03 time: 8:38:10.49 UTC ML= 1.6
lat: 47.073N lon: 18.036E h= 0.0 km
erh= 1.4km erz= 3.2km
nr= 21 gap=109 rms=0.60
Locality: Balatonfűzfő
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res				
PKST	20.7	360	PgU	8:38:13.53	-0.66	Sg	38:17.00	-0.07			
			Sg	38:17.00		CSKK	36.5	28	Pg	8:38:16.91	-0.10
			Sg	38:21.88					Sg	38:21.88	-0.20
MPLH	39.2	286	Pg	8:38:18.18	0.69	MPLH	39.2	286	Pg	8:38:18.18	0.69
			Sg	38:23.32					Sg	38:23.32	0.37
PKSG	44.5	37	Pg	8:38:18.49	0.06	PKSG	44.5	37	Pg	8:38:18.49	0.06
			Sg	38:24.12					Sg	38:24.12	-0.51
PKB1	65.9	119	Pg	8:38:22.70	0.44	PKB1	65.9	119	Pg	8:38:22.70	0.44
			Sg	38:32.87					Sg	38:32.87	1.42
PKB5	75.3	135	Sg	8:38:36.58	2.15	PKB5	75.3	135	Sg	8:38:36.58	2.15
			Pg	8:38:35.23	0.14	PKB4	77.4	146	Sg	8:38:35.23	0.14
PKB2	102.0	116	Sg	8:38:42.31	-0.62	PKB2	102.0	116	Sg	8:38:42.31	-0.62
MORH	106.0	154	Pg	8:38:29.61	0.18	MORH	106.0	154	Pg	8:38:29.61	0.18
			Sg	38:43.37					Sg	38:43.37	-0.83

Földrengés paraméterek

PKSM 106.4 154	Pg	8:38:29.48	-0.01
	Sg	38:43.22	-1.08
KOVH 109.6 177	Pg	8:38:30.19	0.13
	Sg	38:44.45	-0.87
PKSV 132.7 173	Sn	8:38:51.40	-1.07
VYHS 169.0 21	Pn	8:38:39.50	0.90

413.

2022-03-03 time: 8:46:45.28 UTC ML= 1.4
lat: 48.698N lon: 19.879E h= 0.0 km
erh= 3.5km erz= 997km
nr= 7 gap=149 rms=0.65
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	50.7	118	Pg	8:46:54.51	0.17		
			Sg	47:00.43	-0.97		
LANS	58.7	329	Pg	8:46:56.21	0.45		
			Sg	47:03.14	-0.79		
VYHS	80.2	254	Sg	8:47:10.17	-0.60		
PSZ	86.7	179	Pg	8:47:01.63	0.87		
			Sg	47:12.18	-0.66		

414.

2022-03-03 time: 8:55:06.15 UTC ML= 1.5
lat: 47.363N lon: 18.458E h= 0.0 km
erh= 2.3km erz= 4.5km
nr= 14 gap=113 rms=0.89
Locality: Csákvár
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	6.0	302	PgU	8:55:07.64	0.42		
			Sg	55:08.27	0.21		
CSKK	14.9	270	PgU	8:55:08.95	0.14		
			Sg	55:10.81	-0.07		
PKST	34.0	250	Pg	8:55:13.52	1.29		
			Sg	55:16.74	-0.23		
MPLH	72.7	253	Sg	8:55:27.79	-1.47		
PKB4	97.0	173	Sg	8:55:38.31	1.33		
PSZ	124.4	60	Sg	8:55:45.53	-0.16		
MORH	128.3	174	Sg	8:55:45.96	-0.97		
PKSM	128.7	174	Sg	8:55:45.72	-1.35		
VYHS	128.9	13	Sg	8:55:46.74	-0.39		
MODS	142.9	322	Sn	8:55:47.91	-2.48		
KOVH	144.3	191	Sn	8:55:50.74	0.04		

415.

2022-03-03 time: 9:09:58.02 UTC ML= 1.7
lat: 47.884N lon: 19.837E h= 0.0 km
erh= 2.9km erz= 629km
nr= 8 gap=190 rms=0.48
Locality: Mátraszentimre
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	5.8	49	Pg	9:09:59.02	-0.03		
			Sg	10:00.24	0.39		
PENC	42.8	256	Pg	9:10:06.02	0.35		
			Sg	10:10.94	-0.69		
KECS	82.3	36	Sg	9:10:24.35	0.19		
VYHS	100.7	312	Sg	9:10:29.33	-0.68		
ABAH	114.1	66	Pg	9:10:18.83	0.44		
			Sg	10:33.28	-1.01		

126

Hypocenter Parameters

416.

2022-03-03 time: 9:22:01.57 UTC ML= 1.9
lat: 48.439N lon: 17.265E h= 0.0 km
erh= 1.2km erz= 360km
nr= 9 gap=117 rms=0.27
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	7.3	173	PgU	9:22:02.71	-0.17		
			Sg	22:04.26	0.36		
SMOL	14.7	56	Pg	9:22:04.33	0.14		
			Sg	22:05.88	-0.36		
KRUC	94.3	317	Pg	9:22:18.44	0.04		
RONA	109.4	221	Pg	9:22:21.15	0.05		
			Sg	22:35.89	-0.45		
CONA	118.8	241	Pg	9:22:23.03	0.25		
			Sg	22:37.24	-2.09*		

417.

2022-03-03 time: 9:57:35.03 UTC ML= 1.9
lat: 48.705N lon: 17.748E h= 0.0 km
erh= 2.1km erz= 3.8km
nr= 10 gap=117 rms=0.57
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	31.7	228	Pg	9:57:40.52	-0.17		
			Sg	57:45.44	0.33		
MODS	50.7	223	Pg	9:57:43.93	-0.14		
			Sg	57:51.06	-0.07		
VYHS	83.6	106	Pg	9:57:50.71	0.75		
			Sg	58:00.71	-0.90		
MORC	120.1	353	Pg	9:57:56.08	-0.40		
			Sg	58:11.25	-1.96		
KRLC	167.8	335	Pn	9:58:03.61	0.63		
			Sn	58:25.30	0.52		

418.

2022-03-03 time: 10:05:45.37 UTC ML= 1.6
lat: 47.869N lon: 19.147E h= 0.0 km
erh= 0.7km erz= 116km
nr= 6 gap=211 rms=0.07
Locality: Nótincs
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	13.3	131	Pg	10:05:47.75	0.01		
			Sg	05:49.41	-0.18		
PSZ	56.1	84	Pg	10:05:55.48	0.09		
			Sg	06:03.22	0.01		
VYHS	73.3	342	Pg	10:05:58.45	-0.01		
			Sg	06:08.64	-0.02		

419.

2022-03-03 time: 10:36:22.93 UTC ML= 0.8
lat: 47.207N lon: 18.293E h= 0.0 km
erh= 2.4km erz= 619km
nr= 8 gap=147 rms=0.44
Locality: Székesfehérvár
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	17.6	352	Pg	10:36:26.30	0.23		
			Sg	36:28.71	0.19		
PKST	20.5	287	Pg	10:36:26.50	-0.09		
			Sg	36:29.07	-0.37		
PKSG	21.9	20	Pg	10:36:27.15	0.31		
			Sg	36:29.23	-0.66		

Hypocenter Parameters

TIH 45.7 222 Sg 10:36:37.94 0.49
 PKSM 113.7 166 Sg 10:36:57.45 -1.63

420.

2022-03-03 time: 10:38:14.84 UTC ML= 1.9
 lat: 48.598N lon: 20.776E h= 0.0 km
 erh= 2.5km erz= 3.2km
 nr= 11 gap=169 rms=0.78
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	25.0	239	Pg	10:38:	19.48	0.19	
			Sg	38:	22.49	-0.28	
ABAH	48.0	134	Pg	10:38:	24.29	0.87	
			Sg	38:	29.92	-0.19	
PSZ	100.0	221	Pg	10:38:	33.53	0.84	
			Sg	38:	45.48	-1.14	
LANS	113.9	303	Pg	10:38:	35.04	-0.14	
			Sg	38:	51.31	0.26	
TRPA	140.7	112	Sn	10:38:	56.40	-2.18	
VYHS	143.7	265	Pn	10:38:	39.76	-0.03	
			Sn	38:	57.33	-1.92	

421.

2022-03-03 time: 15:03:41.83 UTC ML= 1.8
 lat: 47.090N lon: 19.409E h= 0.0 km
 erh= 5.1km erz= 783km
 nr= 8 gap=189 rms=0.56
 Locality: Tatárszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	19.4	256	Pg	15:03:	45.66	0.36	
			Sg	03:	47.87	-0.13	
PKB1	58.0	234	Pg	15:03:	51.54	-0.64	
PKB5	75.3	223	Pg	15:03:	56.16	0.89	
			Sg	04:	06.12	0.37	
PSZ	99.1	22	Pg	15:03:	59.02	-0.50	
			Sg	04:	13.91	0.59	
PKSM	113.9	211	Pg	15:04:	01.68	-0.49	

422.

2022-03-04 time: 8:49:15.91 UTC ML= 1.9
 lat: 48.499N lon: 19.389E h= 0.0 km
 erh= 2.4km erz= 3.9km
 nr= 13 gap= 67 rms=0.93
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	40.8	269	Pg	8:49:	23.62	0.42	
			Sg	49:	28.34	-0.55	
LANS	72.7	5	Pg	8:49:	30.44	1.54	
			Sg	49:	38.48	-0.55	
PSZ	74.7	150	Pg	8:49:	30.21	0.96	
			Sg	49:	39.09	-0.56	
KECS	81.1	91	Sg	8:49:	41.30	-0.40	
A338	93.9	235	Sg	8:49:	44.41	-1.34	
NIE	122.7	33	Pg	8:49:	38.08	0.25	
			Sg	49:	53.15	-1.77	
ABAH	138.9	99	Sn	8:49:	57.99	-1.27	
PKST	171.1	216	Sn	8:50:	05.88	-0.52	
MORC	195.8	317	Sn	8:50:	11.81	-0.09	

Földrengés paraméterek

423.

2022-03-04 time: 9:01:50.13 UTC ML= 1.9
 lat: 48.395N lon: 19.052E h= 0.0 km
 erh= 2.2km erz= 2.7km
 nr= 21 gap= 58 rms=1.02
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	19.4	305	PgU	9:01:	54.05	0.45	
			Sg	01:	57.79	1.49	
PENC	69.3	166	Pg	9:02:	03.21	0.70	
			Sg	02:	12.25	0.08	
PSZ	82.1	130	Pg	9:02:	05.68	0.89	
			Sg	02:	14.97	-1.25	
LANS	89.4	20	Pg	9:02:	07.31	1.20	
			Sg	02:	18.27	-0.30	
KECS	106.6	85	Pg	9:02:	08.40	-0.76	
			Sg	02:	22.40	-1.61	
SMOL	120.8	276	Sg	9:02:	27.51	-1.02	
PKSG	122.0	204	Pg	9:02:	12.26	0.35	
			Sg	02:	27.41	-1.49	
MODS	131.5	269	Sn	9:02:	29.79	-2.04	
NIE	146.7	39	Pn	9:02:	15.83	0.37	
			Sn	02:	34.81	-0.41	
PKST	147.5	211	Sn	9:02:	33.55	-1.83	
ABAH	162.6	94	Pn	9:02:	19.07	1.63	
			Sn	02:	38.30	-0.43	
MORC	189.2	324	Pn	9:02:	20.88	0.13	
			Sn	02:	43.05	-1.59	

424.

2022-03-04 time: 10:31:39.81 UTC ML= 0.9
 lat: 47.185N lon: 18.286E h= 0.0 km
 erh= 2.6km erz= 837km
 nr= 8 gap=147 rms=0.59
 Locality: Sárkeszi
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	19.9	354	Pg	10:31:	44.10	0.73	
			Sg	31:	45.32	-0.82	
PKST	20.7	293	Pg	10:31:	44.01	0.49	
			Sg	31:	46.62	0.21	
PKSG	24.3	19	Sg	10:31:	47.02	-0.53	
MPLH	56.6	268	Sg	10:31:	56.87	-0.93	
PKSM	111.5	166	Sg	10:32:	14.94	-0.33	
KOVH	122.7	187	Sg	10:32:	18.66	-0.17	

425.

2022-03-04 time: 11:10:11.57 UTC ML= 1.7
 lat: 47.929N lon: 19.423E h= 0.0 km
 erh= 2.1km erz= 2.5km
 nr= 15 gap=105 rms=0.74
 Locality: Szanda
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	18.7	215	Pg	11:10:	16.17	1.26	
			Sg	10:	18.25	0.74	
PSZ	35.2	92	Pg	11:10:	17.57	-0.30	
			Sg	10:	23.19	0.41	
VYHS	76.5	325	Sg	11:10:	35.32	-0.57	
PKSG	97.9	232	Sg	11:10:	42.50	-0.19	
KECS	100.2	52	Pg	11:10:	30.08	0.62	
			Sg	10:	42.80	-0.61	
CSKK	107.7	234	Sg	11:10:	44.79	-1.00	
PKST	128.3	235	Sg	11:10:	51.64	-0.71	
PKB1	135.9	201	Sn	11:10:	52.21	-2.05	
MPLH	165.0	239	Sn	11:11:	00.58	-0.13	
MODS	167.2	287	Sn	11:11:	01.44	0.25	
PKB4	170.9	201	Sn	11:11:	01.82	-0.21	

Földrengés paraméterek

MORH 199.4 197 Sn 11:11:07.91 -0.45
426.

2022-03-04 time: 12:01:16.10 UTC ML= 1.9
lat: 48.688N lon: 18.541E h= 0.0 km
erh= 3.2km erz= 3.1km
nr= 16 gap=145 rms=0.92
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	30.7	135	Pg	12:01:22.41		0.82	
			Sg	01:26.23		0.37	
LANS	85.2	53	Pg	12:01:31.55		0.24	
			Sg	01:42.00		-1.18	
PENC	114.0	151	Sg	12:01:51.23		-1.11	
PSZ	132.0	130	Pn	12:01:40.39		0.80	
			Sn	01:55.45		-2.47	
MORC	141.2	329	Pn	12:01:41.33		0.58	
			Sn	01:58.27		-1.69	
PKSG	144.6	184	Pn	12:01:41.13		-0.04	
			Sn	01:59.49		-1.23	
KECS	145.3	99	Pn	12:01:41.69		0.44	
			Sn	01:59.17		-1.70	
NIE	152.9	58	Pn	12:01:43.20		1.00	
			Sn	02:02.08		-0.48	
OJC	193.2	28	Sn	12:02:11.82		0.33	

427.

2022-03-04 time: 15:49:29.65 UTC ML= 1.8
lat: 47.062N lon: 19.415E h= 0.0 km
erh= 3.1km erz= 591km
nr= 12 gap=191 rms=0.49
Locality: Tatárszentgyörgy
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	19.4	265	Pg	15:49:33.15		0.04	
			Sg	49:34.91		-0.90	
PKB1	56.6	237	Pg	15:49:39.86		0.10	
PKB5	73.4	225	Pg	15:49:43.67		0.91	
PENC	81.6	353	Pg	15:49:44.63		0.42	
PKB4	88.3	225	Pg	15:49:45.58		0.16	
PKS9	101.6	239	Pg	15:49:47.44		-0.34	
PSZ	101.8	21	Pg	15:49:47.44		-0.38	
			Sg	50:01.75		-0.25	
MORH	111.1	212	Sg	15:50:04.26		-0.70	
PKSM	111.6	212	Pg	15:49:50.00		0.43	
			Sg	50:04.16		-0.96	

428.

2022-03-05 time: 9:00:43.18 UTC ML= 1.3
lat: 46.187N lon: 18.277E h= 0.0 km
erh= 0.9km erz= 2.4km
nr= 20 gap= 99 rms=0.45
Locality: Komló
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	17.5	231	PgU	9:00:46.37		0.07	
			Sg	00:49.20		0.47	
PKSM	28.3	84	Pg	9:00:48.28		0.05	
			Sg	00:51.72		-0.46	
MORH	28.6	83	Pg	9:00:48.28		0.00	
			Sg	00:52.01		-0.25	
PKSV	33.2	183	Pg	9:00:49.10		0.00	
			Sg	00:52.92		-0.81	
PKB4	42.7	36	Pg	9:00:51.54		0.74	
			Sg	00:56.79		0.05	
PKS9	44.5	0	Sg	9:00:57.84		0.51	
PKB5	57.5	38	Sg	9:01:01.51		0.04	
PKB1	77.4	31	Sg	9:01:08.14		0.37	

128

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
PKB2	91.9	54	Sg	9:01:12.17		-0.22	
BEHE	119.8	285	Sg	9:01:20.91		-0.35	
PKST	120.7	351	Pg	9:01:05.28		0.56	
			Sg	01:20.69		-0.84	
MPLH	123.0	333	Sg	9:01:21.80		-0.49	
CSKK	130.8	359	Sn	9:01:23.05		-1.68	
PKSG	134.3	4	Sn	9:01:24.66		-0.84	

429.

sta	dist	azm	phase	hr	mn	sec	res
PKSV	39.1	1	Pg	22:02:36.73		0.21	
			Sg	02:41.05		-0.92	
KOVH	62.2	350	Pg	22:02:40.64		-0.02	
			Sg	02:49.16		-0.17	
PKSM	81.2	22	Pg	22:02:43.72		-0.31	
			Sg	02:55.22		-0.12	
MORH	81.7	23	Pg	22:02:43.72		-0.40	
			Sg	02:55.34		-0.16	
PKB4	110.2	15	Pg	22:02:49.81		0.58	
			Sg	03:04.02		-0.56	
PKS9	116.7	1	Pg	22:02:50.97		0.59	
			Sg	03:05.56		-1.09	
BLY	120.8	224	Pg	22:02:51.17		0.06	
			Sg	03:06.82		-1.12	
PKB3	123.2	37	Pg	22:02:52.15		0.62	
			Sg	03:07.77		-0.92	
PKB5	123.6	18	Pg	22:02:52.15		0.53	
			Sg	03:07.18		-1.66	
PKS2	130.1	35	Sn	22:03:10.06		-0.43	
FRGS	130.8	110	Pn	22:02:52.84		0.20	
			Sn	03:09.31		-1.34	
PKB1	145.0	17	Pn	22:02:54.93		0.53	
			Sn	03:12.92		-0.88	
PKB2	148.2	31	Pn	22:02:56.63		1.83	
			Sn	03:14.99		0.48	
BEHE	153.8	312	Sn	22:03:15.33		-0.42	
PKS6	156.3	41	Pn	22:02:56.35		0.54	
			Sn	03:17.52		1.21	
PTJ	182.3	283	Sn	22:03:22.18		0.10	
KOGS	184.5	303	Pn	22:02:59.66		0.33	
			Sn	03:23.24		0.67	
MPLH	189.4	343	Pn	22:03:00.24		0.30	
PKST	192.1	355	Pn	22:02:58.99		-1.28	
			Sn	03:27.36		3.12*	
PKSG	206.5	3	Pn	22:03:01.29		-0.78	
			Sn	03:29.83		2.38	

430.

sta	dist	azm	phase	hr	mn	sec	res
KECS	22.9	255	Pg	9:47:05.46		0.57	
			Sg	47:07.97		-0.11	
ABAH	43.1	129	Sg	9:47:15.61		1.10	
PSZ	95.4	224	Sg	9:47:30.07		-1.08	
TRPA	137.8	109	Sn	9:47:42.53		-1.38	

Hypocenter Parameters

431.

2022-03-07 time: 10:46:19.72 UTC ML= 2.0
 lat: 48.240N lon: 21.230E h= 0.0 km
 erh= 2.5km erz= 2.4km
 nr= 11 gap=153 rms=0.59
 Locality: Tályya
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	6.3	6	PgU	10:46:21.01		0.16	
			Sg	46:22.29		0.57	
KECS	61.4	296	Pg	10:46:30.96		0.26	
			Sg	46:38.62		-0.63	
TRPA	98.1	97	Sg	10:46:50.12		-0.79	
PSZ	105.7	250	Pg	10:46:39.26		0.65	
			Sg	46:52.21		-1.13	
NIE	147.4	333	Pn	10:46:45.75		0.61	
			Sn	47:04.26		-0.70	
LANS	164.6	308	Sn	10:47:08.58		-0.19	
VYHS	179.6	279	Sn	10:47:11.40		-0.71	

432.

2022-03-07 time: 11:00:42.28 UTC ML= 1.4
 lat: 48.572N lon: 20.730E h= 0.0 km
 erh= 4.2km erz= 6.0km
 nr= 7 gap=184 rms=0.71
 Locality: Komjáti
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	20.6	241	Pg	11:00:46.76		0.81	
			Sg	00:49.62		0.81	
ABAH	48.6	129	Pg	11:00:51.17		0.21	
			Sg	00:57.22		-0.52	
PSZ	95.6	220	Sg	11:01:11.86		-0.79	
LANS	112.8	305	Sg	11:01:17.03		-1.09	
VYHS	140.1	266	Sn	11:01:25.17		-0.73	

433.

2022-03-08 time: 9:40:59.94 UTC ML= 1.8
 lat: 47.330N lon: 18.450E h= 0.0 km
 erh= 1.3km erz= 2.6km
 nr= 11 gap=114 rms=0.39
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	8.2	327	PgU	9:41:01.64		0.23	
			Sg	41:02.04		-0.52	
CSKK	14.8	285	Pg	9:41:02.89		0.30	
			Sg	41:04.75		0.10	
PKST	32.4	256	Pg	9:41:05.96		0.23	
			Sg	41:09.57		-0.68	
MORH	124.7	173	Sg	9:41:39.50		-0.09	
PKSM	125.1	173	Sg	9:41:39.40		-0.32	
PSZ	126.8	59	Sg	9:41:40.00		-0.24	
VYHS	132.6	13	Sn	9:41:39.80		-2.10	
KOVH	140.6	191	Sn	9:41:44.11		0.44	

434.

2022-03-08 time: 9:56:15.14 UTC ML= 1.5
 lat: 48.589N lon: 20.741E h= 0.0 km
 erh= 3.8km erz= ***km
 nr= 6 gap=150 rms=0.63
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	22.2	238	Pg	9:56:19.41		0.31	
			Sg	56:22.18		-0.01	

Földrengés paraméterek

ABAH	49.2	131	Pg	9:56:24.68	0.76
			Sg	56:29.63	-1.14
NIE	97.5	341	Sg	9:56:45.67	-0.46
PSZ	97.5	220	Sg	9:56:45.47	-0.66

435.

2022-03-08	time:	10:21:19.33	UTC	ML= 1.4
lat: 47.743N	lon:	19.348E	h= 0.0 km	
			erh= 2.1km	erz= 703km
nr= 11	gap=155		rms=0.57	
Locality: Galgagyörk				
Comments: probably explosion				

sta	dist	azm	phase	hr	mn	sec	res
PENC	7.3	317	Pg	10:21:21.13		0.51	
			Sg	21:22.40		0.77	
PBUD	39.9	219	Sg	10:21:31.94		-0.07	
PSZ	45.3	65	Pg	10:21:27.90		0.48	
			Sg	21:32.88		-0.85	
PKSG	82.0	242	Pg	10:21:34.20		0.23	
			Sg	21:44.97		-0.41	
VYHS	91.8	335	Pg	10:21:35.87		0.15	
			Sg	21:47.38		-1.12	
PKST	112.7	241	Pg	10:21:39.24		-0.21	
			Sg	21:53.65		-1.50	

436.

2022-03-09	time:	4:06:57.54	UTC	ML= 1.7
lat: 45.849N	lon:	17.147E	h= 20.1 km	
			erh= 2.4km	erz= 1.7km
nr= 14	gap=227		rms=0.33	
Locality: Croatia				
Comments:				

sta	dist	azm	phase	hr	mn	sec	res
BEHE	74.8	337	Pg	4:07:11.16		0.37	
			Sg	07:20.70		-0.43	
KOVH	78.5	70	Pg	4:07:11.44		0.09	
			Sg	07:21.89		-0.24	
PKSV	85.9	87	Pg	4:07:12.25		-0.23	
			Sg	07:22.89		-1.25	
KOGS	96.1	314	Pn	4:07:14.27		0.28	
			Sn	07:26.02		-0.81	
PKSM	122.5	71	Pn	4:07:17.27		-0.02	
			Sn	07:32.90		0.21	
MORH	122.9	71	Pn	4:07:17.24		-0.09	
			Sn	07:33.13		0.36	
PKB4	133.5	57	Sn	4:07:35.51		0.37	
PKB1	163.9	51	Sn	4:07:41.97		0.09	

437.

2022-03-09	time:	8:04:27.21	UTC	ML= 1.2
lat: 45.804N	lon:	18.472E	h= 0.0 km	
			erh= 0.7km	erz= 107km
nr= 7	gap=283		rms=0.07	
Locality: Beremend				
Comments: probably explosion				

sta	dist	azm	phase	hr	mn	sec	res
PKSV	19.5	299	Pg	8:04:30.72		0.03	
			Sg	04:33.48		0.07	
KOVH	42.8	318	Sg	8:04:40.66		-0.16	
PKSM	47.2	16	Pg	8:04:35.58		-0.07	
			Sg	04:42.29		0.06	
MORH	47.7	16	Pg	8:04:35.79		0.05	
			Sg	04:42.39		0.01	

Földrengés paraméterek

438.

2022-03-09 time: 9:59:59.12 UTC ML= 1.5
 lat: 48.638N lon: 20.749E h= 0.0 km
 erh= 2.2km erz= 1.5km
 nr= 7 gap=210 rms=0.76
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	26.0	229	Pg	10:00:04.66			0.90
			Sg	00:07.34			-0.04
ABAH	52.5	136	Pg	10:00:09.08			0.58
			Sg	00:15.70			-0.12
PSZ	102.1	218	Sg	10:00:30.97			-0.61
VYHS	142.1	264	Sn	10:00:41.92			-1.26
TRPA	144.1	113	Sn	10:00:42.57			-1.05

439.

2022-03-09 time: 10:32:45.12 UTC ML= 0.8
 lat: 47.202N lon: 18.314E h= 0.0 km
 erh= 2.0km erz= 669km
 nr= 10 gap=152 rms=0.52
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	18.4	347	Pg	10:32:48.72			0.32
			Sg	32:49.94			-1.02
PKSG	21.9	15	Pg	10:32:49.31			0.28
			Sg	32:51.57			-0.51
PKST	22.1	287	Pg	10:32:49.50			0.43
			Sg	32:51.57			-0.58
MPLH	58.8	267	Pg	10:32:56.25			0.62
			Sg	33:03.28			-0.54
MORH	112.5	167	Sg	10:33:20.57			-0.31
KOVH	124.9	188	Sg	10:33:24.19			-0.63

440.

2022-03-09 time: 10:56:51.27 UTC ML= 1.7
 lat: 47.837N lon: 19.123E h= 0.0 km
 erh= 7.7km erz= 985km
 nr= 5 gap=230 rms=0.44
 Locality: Szendehely
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	13.0	114	Pg	10:56:53.28			-0.31
			Sg	56:55.26			-0.14
PSZ	58.4	81	Pg	10:57:02.44			0.73
			Sg	57:09.57			-0.28
VYHS	76.1	344	Sg	10:57:15.17			-0.28

441.

2022-03-10 time: 8:58:18.10 UTC ML= 2.2
 lat: 48.194N lon: 21.279E h= 0.0 km
 erh= 5.1km erz= ***km
 nr= 6 gap=159 rms=0.80
 Locality: MÁD
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	11.8	345	Pg	8:58:20.15			-0.04
			Sg	58:21.91			0.08
TRPA	94.0	94	Pg	8:58:35.56			0.68
			Sg	58:47.97			0.00
PSZ	107.7	253	Pg	8:58:35.92			-1.41
			Sg	58:53.49			1.16

Hypocenter Parameters

442.

2022-03-10 time: 9:29:45.97 UTC ML= 1.4
 lat: 48.660N lon: 20.762E h= 0.0 km
 erh= 5.7km erz= ***km
 nr= 6 gap=160 rms=0.75
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	28.4	226	Pg	9:29:51.81			0.78
			Sg	29:54.19			-0.79
ABAH	53.7	139	Sg	9:30:02.39			-0.65
NIE	90.5	339	Pg	9:30:01.74			-0.39
PSZ	104.7	218	Pg	9:30:05.52			0.87
			Sg	30:18.17			-1.06

443.

2022-03-10 time: 9:57:24.18 UTC ML= 1.6
 lat: 48.540N lon: 19.135E h= 0.0 km
 erh= 2.1km erz= 2.6km
 nr= 17 gap= 60 rms=0.99
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	22.7	257	Pg	9:57:28.95			0.72
			Sg	57:32.17			0.78
LANS	72.1	20	Sg	9:57:47.20			0.09
PSZ	89.3	141	Pg	9:57:41.55			1.43
			Sg	57:51.83			-0.72
KECS	100.0	94	Pg	9:57:43.23			1.19
			Sg	57:54.86			-1.11
BUD	117.8	184	Sg	9:58:00.68			-0.94
SMOL	126.1	269	Sg	9:58:03.31			-0.95
NIE	130.3	41	Pg	9:57:48.31			0.86
			Sg	58:04.27			-1.34
MODS	138.7	262	Sn	9:58:06.38			-1.10
PKSG	139.3	204	Pn	9:57:49.13			0.55
			Sn	58:06.38			-1.24
CSKK	146.3	207	Sn	9:58:07.93			-1.24
ABAH	158.1	100	Sn	9:58:10.93			-0.87
MORC	180.0	320	Sn	9:58:15.85			-0.81

444.

2022-03-10 time: 10:56:16.80 UTC ML= 1.6
 lat: 48.967N lon: 21.063E h= 0.0 km
 erh= 4.6km erz= 7.0km
 nr= 8 gap=218 rms=0.82
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	68.6	218	Pg	10:56:30.42			1.37
			Sg	56:37.68			-0.93
NIE	74.2	313	Pg	10:56:30.35			0.29
			Sg	56:40.28			-0.12
ABAH	75.8	170	Pg	10:56:30.15			-0.18
			Sg	56:40.29			-0.59
LANS	118.4	280	Sg	10:56:54.35			-0.08
PSZ	145.2	217	Sn	10:56:59.47			-2.08

445.

2022-03-10 time: 11:05:44.14 UTC ML= 1.2
 lat: 48.826N lon: 20.122E h= 0.0 km
 erh= 4.1km erz= ***km
 nr= 7 gap=118 rms=0.78
 Locality: Slovakia
 Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
KECS	46.6	145	Pg	11:05:53.29		0.83	
			Sg	05:58.83		-0.11	
LANS	60.0	307	Sg	11:06:03.12		-0.09	
			Pg	11:05:56.84		0.65	
NIE	67.4	12	Sg	06:04.93		-0.65	
			Pg	11:06:15.53		-0.83	
ABAH	101.4	126	Sg	11:06:15.10		-1.55	
PSZ	102.3	189	Sg	11:06:15.10		-1.55	

446.

2022-03-10 time: 11:30:03.37 UTC ML= 0.6
lat: 47.251N lon: 18.258E h= 0.0 km
erh= 3.0km erz= 404km
nr= 6 gap=240 rms=0.25
Locality: Iszkaszentgyörgy
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	12.4	1	Pg	11:30:05.83		0.24	
			Sg	30:07.62		0.30	
PKST	16.9	273	Pg	11:30:06.31		-0.09	
			Sg	30:08.54		-0.22	
PKSG	18.6	33	Pg	11:30:06.71		0.03	
			Sg	30:08.64		-0.63	

447.

2022-03-10 time: 12:35:40.97 UTC ML= 2.2
lat: 46.175N lon: 16.387E h= 0.0 km
erh= 2.5km erz= 5.6km
nr= 14 gap=185 rms=0.74
Locality: Croatia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOGS	32.1	341	Pg	12:35:47.64		0.94	
			Sg	35:51.81		0.63	
BEHE	44.4	42	Pg	12:35:48.65		-0.25	
			Sg	35:54.68		-0.40	
PTJ	45.1	227	Sg	12:35:54.73		-0.58	
GROS	75.2	295	Pg	12:35:55.53		1.14	
			Sg	36:04.26		-0.61	
CRES	81.8	242	Pg	12:35:56.21		0.63	
			Sg	36:06.55		-0.42	
PERS	110.3	298	Pg	12:36:00.63		-0.03	
			Sg	36:15.09		-0.93	
SOKA	118.1	298	Pg	12:36:01.86		-0.20	
			Sg	36:17.20		-1.32	
ARSA	136.6	331	Sn	12:36:22.08		-1.72	

448.

2022-03-11 time: 4:35:09.03 UTC ML= 1.5
lat: 48.035N lon: 19.923E h= 15.9 km
erh= 3.5km erz= 2.2km
nr= 7 gap=116 rms=0.50
Locality: Mátraterenye
Comments:

sta	dist	azm	phase	hr	mn	sec	res
PSZ	13.2	189	Pg	4:35:12.90		0.18	
			Sg	35:14.86		-0.74	
KECS	65.0	40	Pg	4:35:21.66		0.69	
			Sg	35:29.42		-0.87	
VYHS	95.5	302	S*	4:35:38.41		-0.48	
ABAH	102.1	74	Pn	4:35:26.86		0.11	
			Sn	35:40.66		0.08	

449.

2022-03-11 time: 8:16:18.88 UTC ML= 1.7
lat: 47.700N lon: 18.544E h= 0.0 km
erh= 2.3km erz= 3.1km
nr= 24 gap= 65 rms=1.20
Locality: Bajót
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SRO	21.4	306	Pg	8:16:23.18		0.48	
			Sg	16:26.69		1.01	
PKSG	36.1	199	Pg	8:16:26.25		0.92	
			Sg	16:31.13		0.77	
CSKK	43.1	210	Pg	8:16:27.44		0.87	
			Sg	16:33.04		0.47	
BUD	43.4	124	Sg	8:16:32.26		-0.41	
			Pg	8:16:30.28		0.29	
PKST	62.2	218	Pg	8:16:38.20		-0.46	
			Sg	16:45.84		-1.96	
VYHS	91.0	14	Pg	8:16:38.83		3.70	
MPLH	95.9	232	Pg	8:16:36.63		0.62	
			Sg	16:50.19		0.82	
PKB1	103.5	170	Pg	8:16:38.78		1.42	
			Sg	16:52.16		0.38	
PSZ	104.1	76	Sg	8:16:51.06		-0.90	
MODS	120.6	308	Pg	8:16:39.16		-1.25	
			Sg	16:55.23		-1.97	
MORH	165.1	177	Pn	8:16:45.99		-0.51	
PKSM	165.6	177	Sn	17:05.17		-2.88	
			Pn	8:16:45.69		-0.87	
CONA	202.5	277	Sn	17:05.67		-2.48	
			Pn	8:16:50.91		-0.25	
PKST	55.6	240	Sn	17:15.82		-0.52	

450.

2022-03-11 time: 8:42:10.68 UTC ML= 1.7
lat: 47.510N lon: 18.672E h= 0.0 km
erh= 1.3km erz= 514km
nr= 16 gap=124 rms=0.45
Locality: Mány
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	24.9	238	Pg	8:42:15.24		0.11	
			Sg	42:19.07		0.47	
PBUD	26.1	101	Sg	8:42:19.51		0.52	
			Pg	8:42:19.68		0.52	
CSKK	35.0	242	Pg	8:42:16.97		0.03	
			Sg	42:22.59		0.77	
PKST	55.6	240	Pg	8:42:20.61		0.00	
			Sg	42:28.05		-0.31	
PKB1	81.2	174	Pg	8:42:25.75		0.58	
			Sg	42:36.25		-0.23	
PKB5	101.8	177	Pg	8:42:28.86		0.00	
			Sg	42:42.38		-0.66	
PSZ	102.4	64	Sg	8:42:42.92		-0.31	
VYHS	110.1	6	Sg	8:42:44.80		-0.89	
PKB4	112.8	183	Pg	8:42:30.45		-0.37	
			Sg	42:45.46		-1.07	

451.

2022-03-11 time: 9:01:21.51 UTC ML= 1.4
lat: 46.101N lon: 18.077E h= 0.0 km
erh= 3.7km erz= 745km
nr= 13 gap=246 rms=0.62
Locality: Bakonya
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOvh	2.3	128	PgU	9:01:21.93		0.01	
			Sg	01:23.00		0.76	
PKSV	27.3	150	Pg	9:01:26.41		0.03	
			Sg	01:26.41		0.03	

Földrengés paraméterek

Hypocenter Parameters

			Sg	01:29.58	-0.60
PKSM	45.3	74	Pg	9:01:29.12	-0.48
			Sg	01:35.44	-0.48
MORH	45.7	74	Pg	9:01:29.27	-0.39
			Sg	01:35.87	-0.15
PKB5	74.8	43	Pg	9:01:35.51	0.65
			Sg	01:45.78	0.51
PKB3	93.4	67	Pg	9:01:39.71	1.53
PKB1	93.8	36	Pg	9:01:37.83	-0.42
			Sg	01:50.35	-0.96

452.

2022-03-11 time: 9:59:29.25 UTC ML= 1.5
lat: 47.053N lon: 18.058E h= 0.0 km
erh= 2.3km erz= 843km
nr= 15 gap=111 rms=0.72

Locality: Balatonfúzfő
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
TIH	21.1	216	Pg	9:59:33.53	0.51		
			Sg	59:36.26	0.30		
PKST	23.0	356	Pg	9:59:33.38	0.02		
			Sg	59:36.19	-0.37		
CSKK	37.8	24	Pg	9:59:35.86	-0.13		
			Sg	59:40.93	-0.33		
MPLH	41.4	288	Sg	9:59:42.14	-0.28		
PKB5	72.6	135	Pg	9:59:43.65	1.44		
PKB4	74.6	146	Pg	9:59:43.66	1.09		
MORH	103.3	154	Pg	9:59:47.76	0.06		
			Sg	10:00:01.04	-1.04		
PKSM	103.6	154	Pg	9:59:47.36	-0.39		
			Sg	10:00:00.31	-1.87		
KOVS	107.3	178	Pg	9:59:47.96	-0.44		
			Sg	10:00:02.22	-1.12		

453.

2022-03-11 time: 10:44:32.03 UTC ML= 1.9
lat: 48.415N lon: 17.207E h= 0.0 km
erh= 1.5km erz= 2.0km
nr= 18 gap= 79 rms=0.68

Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	7.0	131	PgU	10:44:33.70	0.43		
			Sg	44:35.00	0.76		
SMOL	19.7	56	Pg	10:44:35.51	-0.05		
			Sg	44:38.92	0.61		
KRUC	93.5	320	Pg	10:44:49.18	0.46		
			Sg	45:00.21	-1.54		
RONA	104.6	220	Pg	10:44:50.37	-0.33		
			Sg	45:05.23	-0.04		
CONA	113.8	242	Pg	10:44:53.08	0.74		
			Sg	45:08.24	0.05		
VYHS	120.8	86	Pg	10:44:54.07	0.46		
			Sg	45:09.35	-1.09		
MPLH	140.6	170	Sn	10:45:14.37	-1.39		
CSKK	141.0	146	Sn	10:45:14.47	-1.38		
PKST	142.7	154	Pn	10:44:57.30	0.44		
			Sn	45:14.57	-1.65		
MORC	153.4	9	Pn	10:44:58.18	-0.02		
			Sn	45:18.08	-0.52		

454.

2022-03-11 time: 11:48:17.58 UTC ML= 2.3
lat: 47.027N lon: 22.203E h= 7.1 km
erh= 2.9km erz= 3.0km
nr= 14 gap=115 rms=0.76

Locality: Romania
Comments:

sta	dist	azm	phase	hr	mn	sec	res
SIRR	94.1	206	Pg	11:48:34.62	0.18		
			Sg	48:46.14	-1.45		
CJR	111.9	108	Pg	11:48:37.51	-0.09		
			Sg	48:52.37	-0.86		
BMR	121.3	54	Pn	11:48:39.90	1.08		
			Sn	48:53.79	-1.60		
TRPA	125.2	12	Pn	11:48:39.57	0.25		
			Sn	48:54.20	-2.07		
DEV	138.0	157	Pn	11:48:41.55	0.64		
			Sn	48:59.39	0.27		
ABAH	158.6	333	Pn	11:48:43.83	0.36		
BZS	163.2	196	Pn	11:48:44.13	0.08		
			Sn	49:04.52	-0.17		
KECS	206.9	321	Sn	11:49:14.51	0.12		

455.

2022-03-11 time: 12:07:26.67 UTC ML= 1.4
lat: 47.575N lon: 18.393E h= 0.0 km
erh= 1.4km erz= 326km
nr= 10 gap=162 rms=0.26

Locality: Tatabánya
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	20.4	180	PgU	12:07:30.20	-0.10		
			Sg	07:33.11	-0.03		
CSKK	25.6	203	Pg	12:07:31.16	-0.07		
			Sg	07:34.71	-0.08		
PKST	44.3	218	Pg	12:07:34.62	0.04		
			Sg	07:40.83	0.07		
VYHS	107.4	18	Pg	12:07:46.02	0.17		
			Sg	07:59.17	-1.64		
MODS	121.7	317	Pg	12:07:48.78	0.37		
			Sg	08:04.75	-0.61		

456.

2022-03-11 time: 12:07:53.92 UTC ML= 1.2
lat: 47.554N lon: 18.580E h= 0.0 km
erh= 1.4km erz= 2.0km
nr= 11 gap=117 rms=0.45

Locality: Gyermely
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	23.0	218	Pg	12:07:58.61	0.58		
			Sg	08:01.47	0.23		
CSKK	32.1	229	Pg	12:07:59.82	0.16		
			Sg	08:03.68	-0.46		
PKST	52.7	231	Sg	12:08:10.41	-0.26		
A338	54.0	342	Sg	12:08:11.01	-0.08		
VYHS	106.2	10	Sg	12:08:27.78	0.09		
PKSN	121.8	127	Sg	12:08:32.55	-0.08		
MODS	133.3	313	Sn	12:08:32.95	-3.08		
MORH	148.9	178	Sn	12:08:39.48	0.00		
PKSM	149.3	178	Sn	12:08:38.68	-0.90		

457.

2022-03-12 time: 7:30:58.02 UTC ML= 1.1
lat: 46.096N lon: 21.318E h= 2.2 km
erh= 0.7km erz=22.0km
nr= 5 gap=145 rms=0.89

Locality: Romania
Comments:

sta	dist	azm	phase	hr	mn	sec	res
SIRR	32.6	54	Pg	7:31:04.50	0.65		
			Sg	31:07.31	-1.09		
AMBH	53.7	302	Sg	7:31:14.19	-0.93		
BZS	58.1	156	Pg	7:31:09.28	0.88		
			Sg	31:15.41	-1.08		

Hypocenter Parameters

Földrengés paraméterek

458.

2022-03-12 time: 11:39:03.10 UTC ML= 1.8
 lat: 46.977N lon: 19.563E h= 13.0 km
 erh= 1.0km erz= 0.8km
 nr= 37 gap= 69 rms=0.47
 Locality: Méntelek
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSN	24.8	111	Pg	11:39:07.76		-0.34	
			Sg	39:11.52		-0.48	
PKS7	31.6	284	Pg	11:39:09.71		0.51	
			Sg	39:14.64		0.68	
PKB2	41.7	216	Pg	11:39:10.92		0.03	
			Sg	39:16.74		-0.24	
PKS6	41.9	180	Pg	11:39:11.13		0.19	
			Sg	39:17.43		0.37	
PKS2	60.2	206	Pg	11:39:14.23		0.13	
			Sg	39:21.85		-0.83	
PKB1	62.6	250	Pg	11:39:14.53		0.02	
			Sg	39:23.33		-0.09	
BSZH	64.3	56	Pg	11:39:15.04		0.23	
			Sg	39:24.01		0.06	
PKB3	67.7	205	Pg	11:39:15.13		-0.27	
			Sg	39:25.43		0.43	
PKB5	76.2	236	Pg	11:39:16.52		-0.38	
			Sg	39:27.16		-0.50	
PKB4	90.8	234	P*	11:39:19.40		-0.03	
			S*	39:31.98		-0.19	
PENC	92.9	347	P*	11:39:19.98		0.22	
			S*	39:32.08		-0.67	
PKSG	100.1	297	P*	11:39:21.35		0.49	
			S*	39:33.96		-0.75	
PKS9	107.3	246	Pn	11:39:22.64		0.80	
			Sn	39:36.76		0.30	
PSZ	107.6	13	Pn	11:39:21.66		-0.22	
			Sn	39:35.13		-1.40	
CSKK	107.7	293	Sn	11:39:36.08		-0.48	
MORH	110.1	220	PnU	11:39:22.32		0.13	
			Sn	39:36.39		-0.70	
PKSM	110.6	220	PnU	11:39:22.35		0.10	
			Sn	39:36.62		-0.58	
PKST	120.2	285	Sn	11:39:39.23		-0.10	
KOVH	149.6	229	Pn	11:39:28.94		1.83	
			Sn	39:48.14		2.29*	
PKSV	157.5	220	Sn	11:39:50.19		2.59*	

459.

2022-03-12 time: 14:37:11.98 UTC ML= 1.7
 lat: 45.912N lon: 16.003E h= 7.8 km
 erh= 1.7km erz= 1.6km
 nr= 8 gap=217 rms=0.22
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PTJ	3.8	250	Pg	14:37:13.48		-0.05	
			Sg	37:14.69		-0.05	
ZAG	9.2	185	Pg	14:37:14.43		0.29	
			Sg	37:15.51		-0.32	
CRES	43.5	257	Pg	14:37:19.61		-0.26	
			Sg	37:26.16		0.13	
GROS	72.3	328	Pg	14:37:25.22		0.25	
			Sg	37:34.87		-0.22	

460.

2022-03-13 time: 3:41:16.22 UTC ML= 1.6
 lat: 45.918N lon: 16.015E h= 5.4 km
 erh= 1.7km erz= 2.8km
 nr= 12 gap=172 rms=0.40
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PTJ	4.9	246	Pg	3:41:17.58		0.06	
			Sg	41:18.41		-0.13	
ZAG	10.0	189	Pg	3:41:18.38		0.12	
			Sg	41:19.21		-0.64	
GCIS	30.6	259	iPg	3:41:22.00		0.23	
			iSg	41:25.82		-0.28	
GOLS	32.0	289	iSg	3:41:27.12		0.59	
CRES	44.5	257	Pg	3:41:24.69		0.46	
			Sg	41:30.00		-0.48	
KOGS	61.7	17	Pg	3:41:26.73		-0.54	
			Sg	41:36.65		0.76	
GROS	72.2	327	Sg	3:41:38.93		-0.30	

461.

2022-03-13 time: 11:51:43.08 UTC ML= 1.9
 lat: 45.539N lon: 21.388E h= 16.0 km
 erh= 5.8km erz= 3.4km
 nr= 15 gap=164 rms=0.69
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
BZS	19.8	64	PgD	11:51:48.11		0.47	
			Sg	51:51.99		0.80	
BANR	26.3	229	Pg	11:51:48.23		-0.36	
			Sg	51:52.84		-0.04	
STRR	83.6	15	P*	11:51:57.32		-0.73	
			S*	52:07.79		-1.93	
AMBH	103.7	330	Sn	11:52:13.54		-1.43	
FRGS	131.6	250	Pn	11:52:04.73		0.27	
			Sn	52:20.70		-0.44	
PKB3	196.3	300	Sn	11:52:36.78		1.26	
PKB2	208.4	307	Sn	11:52:39.19		0.98	
MORH	225.9	289	Pn	11:52:15.88		-0.35	
			Sn	52:42.51		0.43	
PKSM	225.9	289	Pn	11:52:16.23		0.00	
			Sn	52:42.91		0.82	

462.

2022-03-14 time: 10:01:15.53 UTC ML= 2.0
 lat: 48.539N lon: 19.311E h= 0.0 km
 erh= 2.2km erz= 3.6km
 nr= 15 gap=107 rms=0.80
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	35.4	262	Pg	10:01:22.17		0.32	
			Sg	01:26.39		-0.40	
LANS	69.0	10	Pg	10:01:29.30		1.45	
			Sg	01:36.33		-1.14	
PSZ	81.5	148	Pg	10:01:30.81		0.73	
			Sg	01:40.65		-0.78	
PENC	83.2	181	Sg	10:01:41.28		-0.70	
KECS	87.0	94	Pg	10:01:31.24		0.17	
			Sg	01:41.88		-1.32	
NIE	122.3	37	Pg	10:01:37.36		-0.02	
			Sg	01:53.43		-0.99	
ABAH	145.3	101	Pn	10:01:41.28		0.60	
			Sn	01:59.66		-0.64	
MODS	151.5	263	Pn	10:01:41.69		0.23	
			Sn	01:59.29		-2.39	

463.

2022-03-14 time: 10:02:19.78 UTC ML= 1.8
 lat: 48.643N lon: 17.449E h= 0.0 km
 erh= 2.4km erz= 2.1km
 nr= 18 gap= 96 rms= 0.75
 Locality: Slovakia
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
SMOL	14.4	186	Pg	10:02:22.51		0.15	
			Sg	02:23.92		-0.45	
MODS	32.5	203	Pg	10:02:25.87		0.28	
			Sg	02:30.29		0.17	
KRUC	90.3	301	Pg	10:02:38.34		2.43	
VYHS	103.7	99	Pg	10:02:38.58		0.28	
			Sg	02:52.06		-0.68	
SOP	125.6	212	Pg	10:02:42.54		0.33	
MORC	126.3	3	Pg	10:02:41.43		-0.91	
RONA	135.5	219	Pn	10:02:43.77		0.06	
			Sn	03:00.84		-1.53	
EGYH	136.6	184	Sn	10:03:01.58		-1.03	
CONA	142.1	236	Pn	10:02:44.70		0.17	
			Sn	03:03.19		-0.65	
PKST	160.0	164	Pn	10:02:47.46		0.70	
			Sn	03:06.64		-1.16	
PENC	165.9	125	Sn	10:03:09.85		0.72	
TIH	196.6	170	Sn	10:03:15.88		-0.06	

464.

2022-03-14 time: 11:27:14.44 UTC ML= 1.4
lat: 48.599N lon: 20.744E h= 0.0 km
erh= 4.4km erz= 509km
nr= 5 gap=257 rms=0.23
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	23.1	236	Pg	11:27:18.51		-0.05	
			Sg	27:22.23		0.46	
ABAH	49.8	133	Pg	11:27:23.33		0.00	
			Sg	27:30.36		0.09	
PSZ	98.6	220	Sg	11:27:45.32		-0.45	

465.

2022-03-14 time: 12:21:52.16 UTC ML= 1.9
lat: 45.507N lon: 17.333E h= 7.5 km
erh= 3.9km erz= 1.5km
nr= 13 gap=224 rms=0.40
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSV	83.2	59	Pg	12:22:07.33		0.26	
			Sg	22:18.09		-0.62	
KOVH	87.9	43	Pg	12:22:08.16		0.25	
			Sg	22:19.81		-0.39	
PTJ	115.6	292	Pn	12:22:12.08		-0.57	
			Sn	22:28.12		-0.52	
PKSM	128.3	52	Pn	12:22:14.29		0.06	
			Sn	22:31.26		-0.18	
MORH	128.7	52	Pn	12:22:14.54		0.26	
			Sn	22:31.36		-0.18	
PKB4	147.6	42	Sn	12:22:36.73		1.01	
CRES	150.5	284	Pn	12:22:17.31		0.32	
			Sn	22:36.38		0.02	
TIH	160.7	16	Sn	12:22:42.36		3.72*	

466.

2022-03-15 time: 0:33:22.19 UTC ML= 0.4
lat: 47.809N lon: 16.271E h= 13.5 km
erh= 9.6km erz= 7.7km
nr= 6 gap=122 rms=0.40
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.3	171	Pg	0:33:25.84		0.39	
			Sg	33:27.75		-0.24	
SOP	25.7	123	Pg	0:33:26.79		-0.58	

			Sg	33:31.87	0.47
CONA	33.4	293	Sg	0:33:33.60	-0.04
KRUC	139.7	4	Sn	0:34:02.79	0.16

467.

2022-03-15 time: 1:07:43.41 UTC ML= 0.3
lat: 47.793N lon: 16.235E h= 14.6 km
erh= 2.4km erz= 1.4km
nr= 10 gap=142 rms=0.34
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	11.4	156	PgD	1:07:46.94		0.22	
			Sg	07:48.80		-0.50	
SOP	27.2	117	Pg	1:07:49.30		0.38	
			Sg	07:52.76		-0.45	
CONA	31.7	298	Sg	1:07:54.47		-0.04	
WINA	36.9	341	Pg	1:07:50.54		0.03	
			Sg	07:56.09		0.05	
ABNA	114.3	329	Pn	1:08:03.03		0.20	
			Sn	08:16.70		-1.28	
KRUC	141.5	5	Sn	1:08:23.74		-0.28	

468.

2022-03-15 time: 4:31:02.00 UTC ML= 0.8
lat: 47.796N lon: 16.242E h= 14.6 km
erh= 2.3km erz= 1.5km
nr= 10 gap=113 rms=0.48
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	11.5	159	PgD	4:31:05.37		0.05	
			Sg	31:07.26		-0.65	
SOP	26.9	118	Pg	4:31:07.79		0.33	
			Sg	31:11.16		-0.56	
CONA	32.0	297	Pg	4:31:08.40		0.11	
			Sg	31:12.98		-0.21	
ARSA	81.3	222	S*	4:31:28.51		0.28	
ABNA	114.3	328	Sn	4:31:35.27		-1.29	
KRUC	141.2	5	Pn	4:31:25.53		0.76	
			Sn	31:42.14		-0.40	

469.

2022-03-15 time: 9:36:05.58 UTC ML= 1.6
lat: 48.877N lon: 21.055E h= 0.0 km
erh= 2.1km erz= 3.5km
nr= 12 gap=128 rms=0.63
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	60.6	224	Pg	9:36:16.27		-0.14	
			Sg	36:24.20		-0.65	
ABAH	66.0	168	Pg	9:36:17.77		0.40	
			Sg	36:26.31		-0.25	
NIE	81.0	318	Pg	9:36:20.52		0.47	
			Sg	36:30.00		-1.33	
KOLS	89.5	86	Pg	9:36:21.43		-0.14	
			Sg	36:33.66		-0.38	
LANS	120.0	285	Pg	9:36:28.27		1.26	
			Sg	36:42.63		-1.10	
PSZ	136.9	219	Sn	9:36:48.35		-0.14	
VYHS	168.8	255	Sn	9:36:55.98		0.41	

Hypocenter Parameters

470.

2022-03-15 time: 10:20:20.54 UTC ML= 1.4
 lat: 48.560N lon: 20.746E h= 0.0 km
 erh= 2.1km erz= 4.4km
 nr= 11 gap= 93 rms=0.66
 Locality: Komjáti
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	21.0	246	Pg	10:20:24.52			0.23
			Sg	20:27.14			-0.08
ABAH	46.8	129	Pg	10:20:28.52			-0.38
			Sg	20:35.80			0.37
PSZ	95.3	222	Pg	10:20:38.26			0.70
			Sg	20:50.06			-0.78
NIE	100.7	342	Pg	10:20:39.52			1.01
			Sg	20:51.67			-0.86
KOLS	119.8	70	Sg	10:20:57.94			-0.66
VYHS	141.3	267	Pn	10:20:45.04			-0.14
			Sn	21:02.64			-1.77

471.

2022-03-15 time: 12:22:25.40 UTC ML= 0.8
 lat: 47.857N lon: 16.061E h= 0.0 km
 erh= 2.7km erz= 4.7km
 nr= 6 gap=124 rms=0.84
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	16.9	298	Pg	12:22:28.63			0.22
			Sg	22:31.64			0.88
RONA	24.8	135	Pg	12:22:29.94			0.10
			Sg	22:34.15			0.85
ARSA	78.6	211	Sg	12:22:49.44			-0.95
KRUC	136.3	10	Sn	12:23:06.09			-2.07

472.

2022-03-15 time: 12:58:06.10 UTC ML= 1.8
 lat: 48.901N lon: 20.739E h= 0.0 km
 erh= 2.6km erz= 826km
 nr= 10 gap=117 rms=0.65
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	50.1	202	Pg	12:58:15.54			0.50
			Sg	58:21.38			-0.63
NIE	65.4	332	Pg	12:58:18.46			0.68
			Sg	58:26.32			-0.58
ABAH	76.7	151	Pg	12:58:20.38			0.58
			Sg	58:29.74			-0.75
LANS	97.0	287	Pg	12:58:23.15			-0.27
KOLS	112.5	88	Sg	12:58:40.98			-0.88
PSZ	125.9	210	Pg	12:58:28.94			0.36
			Sg	58:44.31			-1.81

473.

2022-03-16 time: 8:44:13.96 UTC ML= 1.7
 lat: 46.900N lon: 17.360E h= 0.0 km
 erh= 5.1km erz= 6.4km
 nr= 9 gap=133 rms=0.96
 Locality: Lesenceistvánd
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	33.0	24	Pg	8:44:20.22			0.37
			Sg	44:24.33			-0.11
PKST	64.9	52	Sg	8:44:34.07			-0.52
KOVH	106.6	148	Pg	8:44:34.28			1.28

Földrengés paraméterek

		Sg	44:48.43	0.58	
MORH	124.4	128	Sg	8:44:52.05	-1.46
PKSM	124.5	128	Sg	8:44:52.15	-1.39
PKSV	131.7	149	Sn	8:44:56.17	0.45
GROS	150.3	251	Sn	8:44:58.17	-1.67

474.

2022-03-16 time: 8:45:29.75 UTC ML= 2.0
 lat: 46.893N lon: 17.336E h= 0.0 km
 erh= 1.2km erz= 2.4km
 nr= 11 gap=136 rms=0.36
 Locality: Lesenceistvánd
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	34.4	27	Pg	8:45:36.22			0.32
			Sg	45:40.74			0.04
PKST	66.8	53	Sg	8:45:50.68			-0.31
CSKK	87.5	53	Sg	8:45:57.10			-0.45
KOGS	96.7	239	Pg	8:45:47.36			0.34
			Sg	46:00.12			-0.37
KOVH	107.0	147	Pg	8:45:48.47			-0.39
			Sg	46:04.13			0.37
MORH	125.5	127	Sg	8:46:09.66			0.03
PKSV	132.1	148	Sn	8:46:11.97			0.38
GROS	148.3	251	Sn	8:46:13.47			-1.73

475.

2022-03-16 time: 8:54:19.35 UTC ML= 1.8
 lat: 48.580N lon: 20.686E h= 0.0 km
 erh= 2.4km erz= 3.9km
 nr= 11 gap= 91 rms=0.64
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	18.3	234	Pg	8:54:23.23			0.62
			Sg	54:25.82			0.66
ABAH	51.7	128	Pg	8:54:28.86			0.27
			Sg	54:35.76			-0.04
PSZ	94.2	219	Pg	8:54:35.86			-0.31
			Sg	54:47.91			-1.37
NIE	97.2	344	Pg	8:54:37.07			0.37
LANS	109.6	305	Pg	8:54:38.87			-0.05
KOLS	123.2	71	Sg	8:54:56.85			-1.64
VYHS	136.9	266	Pn	8:54:43.89			0.44
			Sn	55:01.01			-1.25

476.

2022-03-16 time: 9:27:40.39 UTC ML= 1.5
 lat: 47.354N lon: 18.416E h= 0.0 km
 erh= 1.5km erz= 2.6km
 nr= 17 gap= 95 rms=0.73
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	11.8	275	Pg	9:27:42.95			0.45
			Sg	27:44.76			0.62
PKST	30.7	250	Pg	9:27:46.46			0.58
			Sg	27:50.48			0.32
PKB1	69.5	156	Sg	9:28:03.03			0.55
PENC	81.2	53	Sg	9:28:06.65			0.45
EGYH	82.2	275	Sg	9:28:05.54			-0.97
PKB5	87.8	164	Sg	9:28:08.46			0.16
PKB4	96.4	171	Sg	9:28:10.66			-0.38
PSZ	127.6	61	Pg	9:28:03.64			0.47
			Sg	28:20.30			-0.64
MORH	127.7	172	Sg	9:28:19.80			-1.19
PKSM	128.1	172	Sg	9:28:19.90			-1.22
VYHS	130.6	14	Pn	9:28:04.24			0.54
			Sn	28:20.41			-1.48

Földrengés paraméterek

MODS 141.8 323 Sn 9:28:22.41 -1.97
KOVH 142.8 190 Sn 9:28:24.32 -0.28

477.

2022-03-16 time: 9:39:26.19 UTC ML= 1.8
lat: 48.288N lon: 19.844E h= 0.0 km
erh= 2.6km erz= 809km
nr= 7 gap=112 rms=0.53
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	41.3	175	Pg	9:39	34.08	0.51	
			Sg	39	38.61	-0.71	
KECS	52.2	65	Pg	9:39	35.39	-0.12	
			Sg	39	42.62	-0.16	
VYHS	78.1	287	Sg	9:39	50.67	-0.34	
LANS	99.8	344	Pg	9:39	44.66	0.65	
			Sg	39	56.98	-0.93	

478.

2022-03-16 time: 10:24:07.41 UTC ML= 1.2
lat: 47.559N lon: 18.457E h= 0.0 km
erh= 2.7km erz= 687km
nr= 8 gap=145 rms=0.50
Locality: Tatabánya
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	26.3	214	Pg	10:24	11.65	-0.46	
			Sg	24	16.16	0.38	
SRO	30.3	339	Sg	10:24	17.60	0.57	
PKST	46.2	224	Pg	10:24	15.61	-0.04	
			Sg	24	21.89	-0.19	
VYHS	107.7	15	Pg	10:24	27.11	0.46	
			Sg	24	39.96	-1.70	
PSZ	115.0	70	Sg	10:24	44.08	0.12	

479.

2022-03-16 time: 12:21:28.38 UTC ML= 1.6
lat: 45.576N lon: 17.317E h= 0.0 km
erh= 2.8km erz= 5.5km
nr= 12 gap=122 rms=0.66
Locality: Croatia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	80.7	64	Pg	12:21	43.53	0.74	
			Sg	21	54.57	0.54	
KOVH	83.4	47	Pg	12:21	44.21	0.95	
			Sg	21	55.38	0.50	
BLY	92.5	186	Pg	12:21	44.67	-0.22	
			Sg	21	57.85	0.08	
PTJ	111.7	289	Sg	12:22	03.71	-0.18	
PKSM	124.8	55	Pg	12:21	50.38	-0.28	
			Sg	22	07.05	-0.99	
MORH	125.2	55	Pg	12:21	49.77	-0.97	
			Sg	22	07.11	-1.07	
CRES	147.5	281	Sn	12:22	13.61	-0.03	

480.

2022-03-17 time: 9:30:07.03 UTC ML= 2.0
lat: 48.520N lon: 17.492E h= 0.0 km
erh= 3.8km erz= 3.2km
nr= 9 gap=223 rms=0.67
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	4.7	262	PgU	9:30	08.20	0.33	

Hypocenter Parameters

			Sg	30:08.66	0.14
MODS	22.7	224	Pg	9:30:11.80	0.72
			Sg	30:14.58	0.33
KRUC	100.6	307	Sg	9:30:38.73	-0.28
RONA	127.5	224	Sg	9:30:45.66	-1.88
CONA	137.8	241	Pn	9:30:31.35	0.11
			Sn	30:48.97	-1.17
MORC	139.8	2	Sn	9:30:49.73	-0.85

481.

2022-03-17 time: 9:47:29.75 UTC ML= 2.0
lat: 48.240N lon: 21.251E h= 0.0 km
erh= 2.0km erz= 2.2km
nr= 14 gap=153 rms=0.57
Locality: Tállya
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	6.3	352	PgU	9:47	30.95	0.07	
			Sg	47	32.39	0.63	
KECS	62.8	296	Pg	9:47	41.07	0.10	
			Sg	47	49.03	-0.69	
TRPA	96.6	97	Pg	9:47	46.69	-0.31	
			Sg	48	00.15	-0.30	
PSZ	107.2	251	Pg	9:47	49.70	0.81	
			Sg	48	03.16	-0.66	
KOLS	107.9	44	Pg	9:47	49.70	0.68	
			Sg	48	02.96	-1.08	
NIE	148.1	332	Pn	9:47	55.79	0.54	
			Sn	48	14.61	-0.53	
LANS	165.8	308	Sn	9:48	18.50	-0.57	
VYHS	181.1	279	Sn	9:48	21.81	-0.66	

482.

2022-03-17 time: 9:59:05.82 UTC ML= 1.3
lat: 48.573N lon: 20.736E h= 0.0 km
erh= 2.4km erz= 4.3km
nr= 7 gap=148 rms=0.55
Locality: Komjáti
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	21.0	242	Pg	9:59	10.31	0.74	
			Sg	59	12.72	0.22	
ABAH	48.3	130	Pg	9:59	14.38	-0.06	
			Sg	59	20.90	-0.27	
NIE	99.1	342	Pg	9:59	23.66	0.15	
LANS	113.1	305	Sg	9:59	40.79	-0.98	
VYHS	140.6	266	Sn	9:59	48.42	-1.12	

483.

2022-03-17 time: 10:32:36.35 UTC ML= 0.8
lat: 47.195N lon: 18.264E h= 0.0 km
erh= 3.9km erz= ***km
nr= 7 gap=166 rms=0.68
Locality: Csór
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	18.7	359	Pg	10:32	39.56	-0.13	
			Sg	32	41.76	-0.54	
PKST	18.8	292	Pg	10:32	39.96	0.25	
			Sg	32	42.42	0.09	
MORH	112.6	165	Sg	10:33	12.24	0.10	
PKSM	113.0	165	Sg	10:33	13.45	1.19	
KOVH	123.6	186	Sg	10:33	13.30	-2.34	

Hypocenter Parameters

484.

2022-03-17 time: 14:53:06.80 UTC ML= 0.8
 lat: 47.857N lon: 16.040E h= 0.0 km
 erh= 4.9km erz= 4.9km
 nr= 5 gap=168 rms=0.81
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	15.5	301	Pg	14:53:09.91			0.35
			Sg	53:12.02			0.30
RONA	26.0	132	Pg	14:53:11.61			0.17
			Sg	53:15.23			0.16
KRUC	136.5	11	Sn	14:53:46.96			-2.65

485.

2022-03-18 time: 5:44:01.27 UTC ML= 0.7
 lat: 47.792N lon: 16.220E h= 13.4 km
 erh= 1.5km erz= 1.4km
 nr= 8 gap=146 rms=0.27
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	11.8	151	PgD	5:44:04.56			0.11
			Sg	44:06.42			-0.52
CONA	30.8	299	Pg	5:44:07.38			0.11
			Sg	44:11.49			-0.46
WINA	36.7	343	Pg	5:44:08.29			0.04
			Sg	44:14.01			0.31
ARSA	79.9	221	Sg	5:44:27.31			0.29
KRUC	141.8	5	Sn	5:44:41.92			-0.29

486.

2022-03-18 time: 8:27:12.90 UTC ML= 1.9
 lat: 46.005N lon: 22.812E h= 0.0 km
 erh= 4.4km erz= 3.8km
 nr= 10 gap=182 rms=0.87
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	15.3	153	Pg	8:27:15.51			-0.12
			Sg	27:18.72			0.96
SIRR	93.7	288	Pg	8:27:30.77			1.13
			Sg	27:41.22			-1.47
BZS	102.5	245	Pg	8:27:31.58			0.37
			Sg	27:44.28			-1.20
BANR	147.8	242	Sn	8:27:58.44			0.21
DJES	154.2	188	Sn	8:27:58.44			-1.20
VOIR	185.3	110	Pn	8:27:43.27			0.23
			Sn	28:05.17			-1.37

487.

2022-03-18 time: 9:29:41.27 UTC ML= 1.4
 lat: 48.051N lon: 20.705E h= 0.0 km
 erh= 2.4km erz= 449km
 nr= 6 gap=201 rms=0.27
 Locality: Miskolctapolca
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	48.2	56	Pg	9:29:49.94			0.06
			Sg	29:56.36			-0.23
KECS	50.7	341	Pg	9:29:50.64			0.31
			Sg	29:56.67			-0.72
PSZ	62.3	256	Pg	9:29:52.45			0.06
			Sg	30:00.88			-0.18

Földrengés paraméterek

488.

2022-03-18 time: 10:03:11.43 UTC ML= 1.9
 lat: 46.806N lon: 17.236E h= 0.0 km
 erh= 3.7km erz= 6.5km
 nr= 13 gap=180 rms=0.78
 Locality: Cserszegtomaj
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	46.6	30	Pg	10:03:20.35			0.60
			Sg	03:25.58			-0.67
EGYH	68.3	6	Pg	10:03:24.39			0.76
			Sg	03:33.11			-0.04
PKST	78.9	50	Sg	10:03:36.19			-0.31
CSKK	99.5	51	Pg	10:03:30.03			0.84
KOVH	103.8	140	Sg	10:03:45.26			0.85
SOP	110.2	332	Sg	10:03:44.99			-1.47
PKB5	117.1	102	Sg	10:03:47.87			-0.77
MORH	126.4	121	Pg	10:03:34.25			0.24
PKSM	126.5	121	Pg	10:03:33.31			-0.70
			Sg	03:49.68			-1.95
CONA	162.3	320	Sn	10:03:59.52			-0.46

489.

2022-03-18 time: 11:06:40.43 UTC ML= 1.1
 lat: 47.222N lon: 18.289E h= 0.0 km
 erh= 1.9km erz= 4.1km
 nr= 11 gap=126 rms=0.55
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	15.9	352	Pg	11:06:43.48			0.22
			Sg	06:45.64			0.17
PKST	19.7	282	Pg	11:06:43.44			-0.52
			Sg	06:46.58			-0.13
MPLH	57.1	264	Pg	11:06:50.80			0.17
			Sg	06:59.68			1.10
PKB1	61.9	142	Sg	11:07:01.19			1.09
MORH	115.1	166	Sg	11:07:16.50			-0.51
PKSM	115.5	167	Sg	11:07:17.20			0.07
KOVH	126.8	187	Sg	11:07:19.91			-0.83
VYHS	147.3	16	Sn	11:07:24.88			-0.75

490.

2022-03-18 time: 12:01:01.67 UTC ML= 1.0
 lat: 47.883N lon: 16.063E h= 0.0 km
 erh= 0.6km erz= 1.1km
 nr= 6 gap=129 rms=0.71
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	15.8	288	Pg	12:01:04.82			0.32
			Sg	01:07.02			0.31
RONA	26.9	139	Pg	12:01:06.92			0.45
			Sg	01:10.34			0.12
ARSA	81.2	210	Sg	12:01:26.71			-0.78
KRUC	133.3	11	Sn	12:01:41.67			-2.11

491.

2022-03-18 time: 12:22:18.60 UTC ML= 1.4
 lat: 47.092N lon: 18.022E h= 0.0 km
 erh= 1.2km erz= 2.8km
 nr= 13 gap=114 rms=0.35
 Locality: Litér
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	18.6	3	Pg	12:22:21.43			-0.49

Földrengés paraméterek

			Sg	22:22.87	-1.65
CSKK	35.2	31	Pg	12:22:25.23	0.35
			Sg	22:30.07	0.29
MPLH	37.6	283	Pg	12:22:25.35	0.04
			Sg	22:30.80	0.25
PKSG	43.5	40	Pg	12:22:26.38	0.01
MORH	108.4	154	Pg	12:22:38.16	0.20
			Sg	22:52.59	-0.47
PKSM	108.7	154	Pg	12:22:38.26	0.25
KOVH	111.7	177	Pg	12:22:38.66	0.11
			Sg	22:53.29	-0.81
VYHS	167.4	21	Sn	12:23:08.15	-0.13

492.

2022-03-18 time: 12:41:46.11 UTC ML= 1.3
lat: 48.665N lon: 20.232E h= 0.0 km
erh= 3.2km erz= ***km
nr= 9 gap=115 rms=0.83

Locality: Slovakia

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	27.5	137	Pg	12:41:51.82	0.79		
			Sg	41:54.78	-0.08		
LANS	77.8	314	Pg	12:42:00.76	0.76		
			Sg	42:10.19	-0.65		
NIE	84.1	4	Sg	12:42:11.85	-0.99		
ABAH	85.0	119	Sg	12:42:12.35	-0.79		
PSZ	86.7	197	Pg	12:42:02.24	0.66		
			Sg	42:13.10	-0.55		
VYHS	104.7	260	Sg	12:42:17.57	-1.81		

493.

2022-03-19 time: 9:06:33.13 UTC ML= 1.5
lat: 46.221N lon: 18.264E h= 0.0 km
erh= 1.4km erz= 8.6km
nr= 19 gap=112 rms=0.63

Locality: Kisbattyán

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	19.4	221	PgU	9:06:36.72	0.12		
			Sg	06:39.33	0.02		
PKSM	29.1	92	PgU	9:06:38.45	0.12		
			Sg	06:41.64	-0.74		
MORH	29.3	91	Pg	9:06:38.53	0.17		
			Sg	06:42.65	0.20		
PKSV	37.0	181	Pg	9:06:39.53	-0.19		
			Sg	06:43.85	-1.02		
PKB4	40.3	40	Sg	9:06:45.88	-0.04		
PKS9	40.7	2	Sg	9:06:46.19	0.12		
PKB1	74.6	33	Pg	9:06:47.27	0.82		
PKB2	90.5	56	Pg	9:06:50.19	0.91		
			Sg	07:01.24	-0.64		
PKST	116.7	351	Sg	9:07:09.37	-0.86		
MPLH	119.2	332	Sg	9:07:10.60	-0.42		
CSKK	127.0	360	Sg	9:07:11.94	-1.55		
PKSG	130.5	4	Pg	9:06:57.18	0.74		
			Sg	07:14.09	-0.53		
PKSN	144.1	59	Sn	9:07:15.39	-2.24		

494.

2022-03-19 time: 19:50:11.62 UTC ML= 1.4
lat: 47.814N lon: 16.218E h= 11.1 km
erh= 1.6km erz= 1.5km
nr= 19 gap= 66 rms=0.59

Locality: Austria

Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	14.0	155	PgD	19:50:15.07	0.27		
			Sg	50:17.15	-0.14		

Hypocenter Parameters

SOP	29.4	120	Pg	19:50:17.17	-0.05
CONA	29.5	295	Sg	50:20.77	-0.82
WINA	34.4	342	Pg	19:50:17.53	0.28
ARSA	81.6	220	Sg	50:21.64	-0.01
EGYH	94.6	118	Pg	19:50:18.25	0.19
MODS	100.5	52	Sg	50:22.77	-0.32
			P*	19:50:26.04	-0.29
ABNA	111.7	329	Sg	50:36.46	-1.34
KRUC	139.4	5	Pn	19:50:31.09	-0.07
			Sn	50:44.98	-1.42
MOA	146.2	272	Pn	19:50:35.18	0.57
			Sn	50:52.10	-0.45

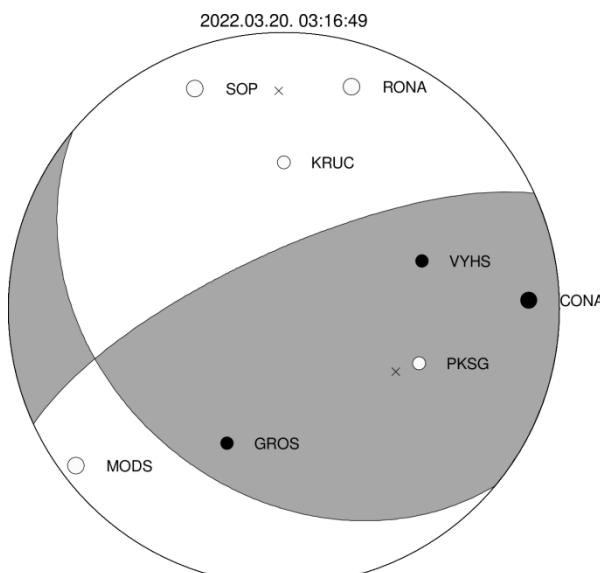
495.

2022-03-20 time: 3:16:49.79 UTC ML= 2.3
lat: 47.941N lon: 16.406E h= 8.5 km
erh= 1.0km erz= 0.9km
nr= 53 gap= 39 rms=0.68
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	28.1	197	PgD	3:16:55.26	0.23		
			Sg	16:58.60	-0.52		
SOP	30.9	158	PgD	3:16:56.01	0.50		
			Sg	16:59.57	-0.40		
WINA	30.9	307	Pg	3:16:56.27	0.75		
			Sg	17:00.33	0.34		
CONA	40.7	268	PgU	3:16:57.51	0.30		
			Sg	17:02.76	-0.24		
MODS	80.7	53	PgD	3:17:04.22	-0.06		
			Sg	17:15.08	-0.51		
EGYH	90.7	130	Pg	3:17:06.43	0.37		
			Sg	17:17.33	-1.42		
SMOL	99.1	50	Pg	3:17:07.70	0.14		
			Sg	17:20.26	-1.16		
ARSA	101.5	221	Pg	3:17:06.99	-0.99		
			Sg	17:19.45	-2.72		
A337	108.5	72	Pg	3:17:09.73	0.51		
ABNA	108.5	318	Pg	3:17:08.32	-0.91		
			Sg	17:21.21	-3.19*		
MPLH	121.0	135	Pn	3:17:11.52	0.71		
			Sn	17:26.38	-0.83		
KRUC	124.6	360	PnD	3:17:10.93	-0.34		
			Sn	17:26.26	-1.76		
SRO	143.4	96	Pn	3:17:13.82	0.21		
			Sn	17:33.23	1.04		
PKST	144.1	122	Pn	3:17:13.89	0.20		
			Sn	17:30.86	-1.48		
MOA	160.3	266	Pn	3:17:16.52	0.80		
			Sn	17:36.36	0.41		
PKSG	161.1	112	PnD	3:17:15.83	0.01		
			Sn	17:34.95	-1.17		
TREC	165.1	336	ePn	3:17:17.10	0.79		
BEHE	165.9	170	Sn	3:17:37.18	-0.01		
KOGS	166.4	184	Pn	3:17:17.14	0.66		
			Sn	17:37.43	0.13		
SOKA	174.7	216	Sn	3:17:38.48	-0.65		
PERS	174.9	214	Pn	3:17:17.75	0.22		
GROS	178.3	203	PnU	3:17:18.29	0.33		
			Sn	17:39.19	-0.74		
WINA	190.8	71	PnU	3:17:19.33	-0.19		
			Sn	17:43.05	0.34		
BIOA	209.1	262	Pn	3:17:23.57	1.77		
			Sn	17:45.71	-1.07		
OBKA	212.4	221	Pn	3:17:23.33	1.11		
			Sn	17:47.22	-0.29		
MORC	220.5	22	Pn	3:17:23.70	0.48		
			Sn	17:48.74	-0.57		

Hypocenter Parameters

KRLC	238.9	7	Sn	3:17:53.54	0.15
CRES	246.0	197	Pn	3:17:27.19	0.78
MORH	256.3	138	Pn	3:17:27.88	0.19
PKSM	256.5	139	Pn	3:17:27.38	-0.33
LANS	263.1	59	Sn	3:17:59.66	0.91
LESA	285.8	258	Sn	3:18:03.42	-0.38
ABTA	322.8	246	Sn	3:18:13.20	1.20*
NIE	331.4	60	Pn	3:17:37.29	0.24*
				18:14.51	0.60*
WTTA	366.5	258	Pn	3:17:42.65	1.22*



496.

2022-03-21 time: 7:07:41.54 UTC ML= 0.6
 lat: 47.819N lon: 16.299E h= 13.3 km
 erh= 9.4km erz= 9.1km
 nr= 7 gap=110 rms=0.59
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr mn	sec	res
RONA	13.3	181	PgD	7:07:44.98	0.08	
			Sg	07:46.89	-0.64	
SOP	24.7	128	Sg	7:07:51.13	0.68	
CONA	34.9	290	Pg	7:07:48.67	0.47	
			Sg	07:52.69	-0.71	
MODS	95.5	50	S*	7:08:10.81	-1.03	
KRUC	138.4	3	Sn	7:08:22.33	0.60	

497.

2022-03-21 time: 7:54:58.12 UTC ML= 1.8
 lat: 47.860N lon: 19.124E h= 0.0 km
 erh= 4.2km erz= ***km
 nr= 7 gap=108 rms=0.79
 Locality: Szendehely
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PENC	14.1	123	Pg	7:55:01.07	0.44	
			Sg	55:02.55	-0.05	
PSZ	58.0	84	Pg	7:55:08.74	0.27	
			Sg	55:16.26	-0.29	
A338	60.2	287	Pg	7:55:09.66	0.80	
VYHS	73.7	343	Sg	7:55:20.13	-1.41	
PKST	105.8	231	Sg	7:55:29.99	-1.75	

Földrengés paraméterek

498.

2022-03-21 time: 8:43:47.71 UTC ML= 1.9
 lat: 45.580N lon: 17.292E h= 0.0 km
 erh= 6.5km erz= 8.2km
 nr= 13 gap=215 rms=1.05
 Locality: Croatia
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKSV	82.2	65	Pg	8:44:03.57	1.18	
			Sg	44:13.60	-0.24	
KOVH	84.5	48	Pg	8:44:03.41	0.62	
			Sg	44:14.55	0.00	
BEHE	106.7	338	Pg	8:44:08.55	1.79	
			Sg	44:21.13	-0.49	
PTJ	109.7	289	Sg	8:44:20.82	-1.76	
PKSM	126.1	56	Pg	8:44:09.84	-0.38	
			Sg	44:26.38	-1.41	
MORH	126.5	56	Pg	8:44:09.92	-0.38	
			Sg	44:26.23	-1.69	
CRES	145.5	281	Pn	8:44:13.33	0.45	
			Sn	44:30.77	-1.75	

499.

2022-03-21 time: 9:41:36.26 UTC ML= 1.6
 lat: 48.617N lon: 20.761E h= 0.0 km
 erh= 3.3km erz= 2.3km
 nr= 8 gap=208 rms=0.73
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
KECS	25.2	234	Pg	9:41:41.36	0.60	
			Sg	41:44.02	-0.24	
ABAH	50.3	135	Pg	9:41:45.68	0.44	
			Sg	41:52.73	0.49	
PSZ	100.9	220	Pg	9:41:54.61	0.34	
			Sg	42:07.27	-1.05	
TRPA	142.4	112	Sn	9:42:18.51	-1.88	
VYHS	142.7	265	Sn	9:42:19.62	-0.84	

500.

2022-03-21 time: 10:34:19.24 UTC ML= 1.8
 lat: 47.100N lon: 19.387E h= 0.0 km
 erh= 3.7km erz= 568km
 nr= 7 gap=187 rms=0.40
 Locality: Tatárszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKS7	18.1	251	Pg	10:34:22.45	-0.03	
			Sg	34:25.37	0.36	
PKB5	74.9	222	Pg	10:34:33.35	0.73	
PSZ	98.7	23	Pg	10:34:36.76	-0.11	
MORH	113.5	210	Pg	10:34:39.45	-0.06	
			Sg	34:54.49	-0.83	
PKSM	114.0	210	Pg	10:34:39.27	-0.33	

501.

2022-03-21 time: 10:38:55.24 UTC ML= 1.8
 lat: 48.369N lon: 19.849E h= 0.0 km
 erh= 1.5km erz= 3.4km
 nr= 13 gap= 96 rms=0.49
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
KECS	48.8	75	Pg	10:39:04.36	0.41	
			Sg	39:10.29	-0.45	
PSZ	50.2	176	Pg	10:39:04.36	0.15	

Földrengés paraméterek

	Sg	39:10.95	-0.26	
VYHS	76.3 280	Pg	10:39:09.34	0.48
	Sg	39:18.98	-0.50	
ABAH	103.4 95	Pg	10:39:13.71	0.00
	Sg	39:27.67	-0.44	
A338	118.0 251	Pg	10:39:16.97	0.65
	Sg	39:31.84	-0.93	
NIE	121.6 16	Pg	10:39:17.02	0.07
	Sg	39:31.88	-2.01	
A337	153.4 265	Sn	10:39:40.97	-0.84

502.

2022-03-21 time: 11:11:01.90 UTC ML= 1.5
lat: 47.898N lon: 20.139E h= 0.0 km
erh= 7.8km erz= 7.0km
nr= 7 gap=225 rms=0.96
Locality: Tarnaszentmária
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	18.4	277	Pg	11:11:05.97	0.79		
			Sg	11:08.71	0.96		
PENC	65.3	259	Sg	11:11:22.12	-0.52		
KECS	70.0	22	Pg	11:11:14.67	0.27		
			Sg	11:24.47	0.32		
VYHS	117.4	304	Sg	11:11:36.83	-2.37		
PKSG	142.9	247	Sn	11:11:44.86	-1.27		

503.

2022-03-21 time: 13:18:33.98 UTC ML= 0.9
lat: 47.876N lon: 16.068E h= 0.0 km
erh= 0.6km erz= 1.1km
nr= 6 gap=129 rms=0.70
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	16.5	290	Pg	13:18:37.30	0.38		
			Sg	18:39.56	0.34		
RONA	26.1	139	Pg	13:18:38.91	0.28		
			Sg	18:42.58	0.32		
ARSA	80.8	211	Sg	13:18:58.84	-0.82		
KRUC	134.0	10	Sn	13:19:14.16	-2.08		

504.

2022-03-21 time: 18:05:20.77 UTC ML= 1.2
lat: 47.760N lon: 18.270E h= 18.0 km
erh= 4.5km erz= 2.7km
nr= 14 gap=139 rms=0.84
Locality: Slovakia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
SRO	6.7	29	Pg	18:05:23.71	-0.49		
			Sg	05:25.03	-1.85		
A338	29.0	12	Pg	18:05:27.64	0.77		
			Sg	05:32.02	0.40		
PKSG	41.9	168	Pg	18:05:29.46	0.54		
			Sg	05:35.11	-0.17		
CSKK	44.1	181	Pg	18:05:29.92	0.64		
			Sg	05:35.01	-0.91		
PKST	58.5	198	Pg	18:05:31.75	0.05		
			Sg	05:39.18	-1.04		
EGYH	80.2	242	S*	18:05:46.21	0.05		
VYHS	91.8	27	S*	18:05:48.25	-1.05		
MODS	100.7	313	Pn	18:05:39.29	1.25		
			Sn	05:50.03	-1.49		

Hypocenter Parameters

505.

2022-03-22 time: 3:16:11.76 UTC ML= 0.4
lat: 47.740N lon: 18.206E h= 0.8 km
erh= 1.3km erz= 18.1km
nr= 6 gap=186 rms=0.19
Locality: Almásfűzítő
Comments:

sta	dist	azm	phase	hr	mn	sec	res
SRO	11.5	45	Pg	3:16:13.70	-0.11		
			Sg	16:15.06	-0.36		
A338	32.5	20	Sg	3:16:22.39	0.29		
PKSG	41.1	160	Pg	3:16:19.18	0.08		
			Sg	16:25.05	0.22		
PKST	55.0	194	Sg	3:16:29.12	-0.12		

506.

2022-03-22 time: 8:23:10.37 UTC ML= 1.7
lat: 47.978N lon: 16.614E h= 0.0 km
erh= 2.3km erz= 656km
nr= 9 gap=139 rms=0.49
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SOP	33.0	187	Sg	8:23:20.29	-0.58		
RONA	39.0	218	Pg	8:23:18.09	0.75		
			Sg	23:22.13	-0.65		
CONA	56.5	264	Pg	8:23:20.65	0.19		
			Sg	23:28.08	-0.25		
MODS	66.1	48	Pg	8:23:22.29	0.11		
			Sg	23:31.40	0.02		
KRUC	121.6	352	Pg	8:23:32.02	-0.07		
			Sg	23:47.01	-2.02		

507.

2022-03-22 time: 8:59:47.24 UTC ML= 1.6
lat: 47.122N lon: 17.853E h= 0.0 km
erh= 1.5km erz= 501km
nr= 10 gap=119 rms=0.39
Locality: Márkó
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	20.5	42	PgU	8:59:50.24	-0.67		
			Sg	59:53.53	-0.24		
MPLH	24.3	283	Pg	8:59:51.65	0.06		
			Sg	59:54.74	-0.24		
TIH	24.9	173	Pg	8:59:51.78	0.09		
			Sg	59:55.01	-0.14		
CSKK	40.9	49	Pg	8:59:55.07	0.52		
			Sg	9:00:00.04	-0.21		
PKSG	50.6	54	Pg	8:59:56.84	0.56		
			Sg	9:00:02.98	-0.34		

508.

2022-03-22 time: 9:31:01.42 UTC ML= 1.7
lat: 48.437N lon: 17.289E h= 0.0 km
erh= 1.5km erz= 373km
nr= 7 gap=100 rms=0.25
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	7.1	187	PgU	9:31:02.60	-0.09		
			Sg	31:03.71	0.02		
SMOL	13.4	50	Pg	9:31:04.08	0.28		
			Sg	31:05.65	-0.01		
KRUC	95.6	317	Pg	9:31:18.49	-0.01		
RONA	110.5	222	Pg	9:31:21.08	-0.07		

Hypocenter Parameters

VYHS 114.6 87 Sg 9:31:35.79 -2.04

509.

2022-03-22 time: 10:03:32.24 UTC ML= 1.4
 lat: 48.878N lon: 21.017E h= 0.0 km
 erh= 2.3km erz= 3.7km
 nr= 10 gap=127 rms=1.17
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	58.8	222	Pg	10:03:43.58		0.84	
			Sg	03:50.82		-0.12	
ABAH	66.7	166	Sg	10:03:54.18		0.73	
NIE	79.1	320	Pg	10:03:47.36		0.99	
			Sg	03:56.96		-0.43	
KOLS	92.3	86	Pg	10:03:49.60		0.89	
			Sg	04:01.17		-0.40	
LANS	117.4	285	Sg	10:04:08.27		-1.27	
PSZ	135.3	218	Sn	10:04:12.45		-2.33	
TRPA	139.8	126	Sn	10:04:13.13		-2.66	

510.

2022-03-22 time: 10:14:08.73 UTC ML= 2.2
 lat: 45.629N lon: 17.270E h= 0.0 km
 erh= 2.6km erz= 4.6km
 nr= 19 gap=115 rms=0.98
 Locality: Croatia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	81.7	69	Pg	10:14:23.93		0.62	
			Sg	14:34.87		0.18	
KOVH	82.2	52	Pg	10:14:23.45		0.04	
			Sg	14:34.91		0.05	
BLY	98.0	184	Pg	10:14:27.08		0.85	
			Sg	14:38.81		-1.07	
BEHE	101.1	338	Pg	10:14:28.74		1.96	
			Sg	14:41.86		1.00	
PTJ	106.5	286	Pg	10:14:27.44		-0.30	
			Sg	14:40.87		-1.70	
KOGS	120.6	319	Pg	10:14:30.37		0.11	
			Sg	14:45.57		-1.48	
PKSM	124.6	59	Pg	10:14:30.39		-0.58	
			Sg	14:46.60		-1.72	
MORH	125.0	59	Pg	10:14:30.08		-0.96	
			Sg	14:46.35		-2.10	
PKB4	141.3	47	Pn	10:14:34.04		0.67	
			Sn	14:52.14		-0.46	
PKB5	156.1	47	Pn	10:14:36.27		1.04	

511.

2022-03-22 time: 10:19:29.33 UTC ML= 1.4
 lat: 47.538N lon: 18.660E h= 0.0 km
 erh= 5.0km erz= 5.0km
 nr= 10 gap=173 rms=1.20
 Locality: Mány
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	26.0	231	Pg	10:19:35.48		1.50	
			Sg	19:38.19		0.59	
CSKK	35.8	237	Pg	10:19:36.76		1.03	
			Sg	19:40.47		-0.25	
SRO	40.1	320	Sg	10:19:42.41		0.31	
PKST	56.5	237	Sg	10:19:46.17		-1.12	
MPLH	94.0	244	Sg	10:19:57.86		-1.35	
VYHS	107.1	7	Sg	10:20:03.03		-0.35	
MODS	138.9	312	Sn	10:20:10.86		-1.82	
MORH	147.0	180	Sn	10:20:12.01		-2.47	

Földrengés paraméterek

512.

2022-03-22 time: 10:20:49.00 UTC ML= 1.1
 lat: 47.328N lon: 18.430E h= 0.0 km
 erh= 1.1km erz= 7.3km
 nr= 10 gap=113 rms=0.36
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	7.7	337	PgU	10:20:50.56		0.19	
			Sg	20:50.97		-0.47	
CSKK	13.4	287	PgU	10:20:51.75		0.36	
			Sg	20:53.41		0.15	
PKST	30.9	256	Pg	10:20:54.64		0.12	
			Sg	20:58.41		-0.42	
MORH	124.7	172	Sg	10:21:28.05		-0.59	
PKSM	125.1	173	Sg	10:21:29.06		0.29	
PSZ	128.1	59	Sg	10:21:29.56		-0.17	
VYHS	133.1	13	Sn	10:21:28.76		-2.31	

513.

2022-03-22 time: 10:21:48.94 UTC ML= 2.0
 lat: 47.318N lon: 18.466E h= 0.0 km
 erh= 1.6km erz= 4.0km
 nr= 8 gap=116 rms=0.52
 Locality: Pátka
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	10.0	325	PgU	10:21:51.14		0.40	
			Sg	21:51.30		-0.83	
CSKK	16.4	288	PgU	10:21:52.20		0.34	
			Sg	21:53.91		-0.23	
MORH	123.2	174	Sg	10:22:28.25		0.14	
PKSM	123.6	174	Sg	10:22:28.15		-0.09	
PSZ	126.4	58	Sg	10:22:29.36		0.22	
VYHS	133.7	12	Sn	10:22:29.51		-1.63	

514.

2022-03-22 time: 10:29:37.37 UTC ML= 1.7
 lat: 48.521N lon: 20.744E h= 0.0 km
 erh= 1.6km erz= 2.7km
 nr= 8 gap=142 rms=0.50
 Locality: Bódvaszilas
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	19.6	257	Pg	10:29:40.61		-0.25	
			Sg	29:43.37		-0.21	
ABAH	44.4	124	Sg	10:29:51.40		-0.09	
PSZ	92.1	223	Pg	10:29:54.31		0.50	
			Sg	30:06.82		0.18	
NIE	104.7	342	Pg	10:29:56.62		0.56	
VYHS	141.0	269	Pn	10:30:01.39		-0.59	
			Sn	30:19.47		-1.71	

515.

2022-03-22 time: 11:24:06.66 UTC ML= 1.9
 lat: 47.872N lon: 20.147E h= 0.0 km
 erh= 4.7km erz= 4.8km
 nr= 7 gap=228 rms=0.92
 Locality: Tarnaszentmária
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	19.6	285	Pg	11:24:10.76		0.60	
			Sg	24:13.02		0.14	
PENC	65.4	262	Pg	11:24:18.74		0.40	
KECS	72.5	20	Pg	11:24:20.40		0.80	
			Sg	24:28.89		-0.80	

Földrengés paraméterek

VYHS 119.5 305 Sg 11:24:42.54 -2.11
 PKSG 142.4 248 Sn 11:24:49.32 -1.46
 516.

2022-03-23 time: 8:50:54.12 UTC ML= 1.8
 lat: 48.471N lon: 17.392E h= 0.0 km
 erh= 1.7km erz= 4.2km
 nr= 12 gap=129 rms=0.43
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	5.5	30	PgU	8:50:55.18		0.08	
			Sg	50:55.83		-0.03	
MODS	13.8	218	PgU	8:50:56.89		0.31	
			Sg	50:59.65		1.15	
KRUC	98.4	312	Pg	8:51:12.15		0.46	
VYHS	106.8	89	Pg	8:51:13.41		0.21	
			Sg	51:27.43		-0.64	
RONA	118.4	224	Pg	8:51:15.20		-0.07	
			Sg	51:30.64		-1.12	
CONA	128.8	242	Pg	8:51:16.78		-0.34	
			Sg	51:34.43		-0.62	
MORC	145.6	4	Pn	8:51:19.13		-0.18	

517.

2022-03-23 time: 9:08:46.79 UTC ML= 1.8
 lat: 47.714N lon: 18.532E h= 0.0 km
 erh= 1.9km erz= 3.2km
 nr= 24 gap= 88 rms=0.97
 Locality: Bajót
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SRO	19.8	304	Pg	9:08:51.34		1.02	
			Sg	08:54.21		1.13	
A338	36.1	338	Sg	9:08:58.00		-0.26	
PKSG	37.4	197	Pg	9:08:54.59		1.13	
			Sg	08:57.90		-0.77	
CSKK	44.0	208	Pg	9:08:54.60		-0.05	
			Sg	09:01.01		0.22	
PENC	56.8	81	Pg	9:08:58.15		1.22	
			Sg	09:04.56		-0.29	
PKST	63.0	217	Pg	9:08:57.61		-0.43	
			Sg	09:06.60		-0.21	
VYHS	89.6	15	Sg	9:09:13.26		-2.02	
EGYH	96.2	250	Pg	9:09:04.89		0.93	
			Sg	09:16.67		-0.69	
MPLH	96.3	231	Sg	9:09:16.48		-0.90	
PSZ	104.5	77	Pg	9:09:06.22		0.77	
			Sg	09:19.41		-0.60	
PKB1	105.2	169	Sg	9:09:19.29		-0.94	
MODS	118.9	308	Sg	9:09:21.90		-2.68	
PKSM	167.2	177	Pn	9:09:13.57		-1.10	
			Sn	09:31.65		-4.77*	
RONA	167.8	269	Pn	9:09:15.41		0.66	
KECS	168.8	60	Sn	9:09:35.76		-1.00	
CONA	201.4	277	Sn	9:09:44.31		0.30	

518.

2022-03-23 time: 9:19:14.46 UTC ML= 1.6
 lat: 46.123N lon: 18.055E h= 0.0 km
 erh= 1.6km erz= 323km
 nr= 12 gap=229 rms=0.28
 Locality: Bükkösd
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	5.1	138	Pg	9:19:15.27		-0.11	
			Sg	19:16.58		0.49	
PKSV	30.2	150	Pg	9:19:20.08		0.24	
			Sg	19:23.91		-0.14	

Hypocenter Parameters

PKSM	46.3	78	Pg	9:19:22.68	-0.05
			Sg	19:28.94	-0.25
MORH	46.6	77	Pg	9:19:22.73	-0.06
			Sg	19:29.18	-0.10
PKS9	54.4	18	Pg	9:19:24.49	0.32
PKB4	59.3	45	Pg	9:19:25.30	0.26
PKB5	74.2	45	Pg	9:19:27.70	0.00
PKB1	92.8	38	Pg	9:19:30.43	-0.60
PKST	126.3	359	Sg	9:19:51.04	-3.57*

519.

2022-03-23 time: 10:13:12.63 UTC ML= 1.5
 lat: 48.595N lon: 20.703E h= 0.0 km
 erh= 1.9km erz= 3.5km
 nr= 8 gap=147 rms=0.42
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	20.3	232	Pg	10:13:16.42		0.18	
			Sg	13:19.95		0.89	
ABAH	51.7	130	Pg	10:13:21.98		0.12	
NIE	96.0	343	Sg	10:13:43.35		0.21	
PSZ	96.2	219	Pg	10:13:29.63		-0.17	
			Sg	13:42.76		-0.44	
VYHS	138.3	265	Pn	10:13:36.57		-0.33	
			Sn	13:53.58		-2.26	

520.

2022-03-23 time: 10:27:31.86 UTC ML= 1.8
 lat: 45.504N lon: 18.052E h= 0.0 km
 erh= 3.3km erz= 2.0km
 nr= 11 gap=333 rms=0.37
 Locality: Croatia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	45.5	20	Pg	10:27:40.42		0.44	
			Sg	27:46.25		-0.07	
KOVH	65.1	3	Pg	10:27:43.17		-0.31	
			Sg	27:52.66		0.12	
PKSM	91.0	30	Pg	10:27:48.13		0.02	
			Sg	28:00.64		-0.15	
MORH	91.5	30	Pg	10:27:47.98		-0.22	
PKB4	118.3	21	Pg	10:27:52.38		-0.60	
			Sg	28:09.49		0.03	
PKB1	153.4	22	Pn	10:27:58.63		0.61	
			Sn	28:19.23		0.81	

521.

2022-03-23 time: 11:01:10.21 UTC ML= 1.6
 lat: 47.311N lon: 17.638E h= 0.0 km
 erh= 2.0km erz= 666km
 nr= 11 gap= 97 rms=0.53
 Locality: Homokbődöge
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	17.3	205	Pg	11:01:13.03		-0.27	
			Sg	01:15.93		0.22	
EGYH	25.9	297	Pg	11:01:14.36		-0.48	
			Sg	01:19.46		1.01	
PKST	30.6	101	Pg	11:01:16.02		0.35	
			Sg	01:19.14		-0.78	
PKSG	57.6	81	Pg	11:01:20.16		-0.33	
A338	94.9	34	Pg	11:01:27.21		0.05	
PKB1	105.5	124	Pg	11:01:29.88		0.84	
RONA	109.9	293	Pg	11:01:29.84		0.01	
			Sg	01:43.32		-1.82	

Hypocenter Parameters

522.

2022-03-23 time: 11:27:46.87 UTC ML= 1.6
 lat: 48.911N lon: 20.823E h= 0.0 km
 erh= 6.9km erz= 6.8km
 nr= 8 gap=151 rms=1.23
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	53.7	208	Pg	11:27:57.20			0.74
			Sg	28:03.39			-0.54
NIE	67.6	327	Pg	11:28:00.33			1.39
			Sg	28:07.70			-0.66
PSZ	130.0	212	Pg	11:28:11.00			0.90
			Sg	28:25.74			-2.47
TRPA	153.7	124	Sn	11:28:32.06			-1.44
OJC	163.3	333	Sn	11:28:34.25			-1.39

523.

2022-03-24 time: 0:16:41.98 UTC ML= 1.8
 lat: 47.763N lon: 16.045E h= 8.8 km
 erh= 1.7km erz= 1.4km
 nr= 43 gap= 49 rms=1.01
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	20.1	111	PgU	0:16:45.87			-0.03
			Sg	16:48.80			-0.15
CONA	22.9	323	Pg	0:16:46.43			0.06
			Sg	16:50.22			0.43
WINA	38.3	3	Pg	0:16:49.42			0.42
			Sg	16:54.26			-0.21
SOP	39.5	103	PgU	0:16:48.96			-0.25
			Sg	16:54.12			-0.72
ARSA	69.3	215	PgD	0:16:54.00			-0.45
			Sg	17:02.03			-2.15
EGYH	104.1	112	Pg	0:17:00.38			-0.26
			Sg	17:14.10			-1.10
ABNA	110.7	336	Pn	0:17:00.90			-0.79
			Sn	17:14.47			-2.60
MODS	114.2	54	Pn	0:17:01.65			-0.48
			Sn	17:16.32			-1.53
MPLH	130.5	120	Pn	0:17:05.41			1.24
			Sn	17:20.47			-1.01
SMOL	132.5	51	Pn	0:17:05.11			0.69
			Sn	17:22.13			0.21
MOA	133.6	274	Pn	0:17:05.53			0.97
			Sn	17:21.25			-0.92
SOKA	143.0	212	Pn	0:17:06.00			0.27
			Sn	17:22.34			-1.90
PERS	143.8	209	Pn	0:17:05.81			-0.01
			Sn	17:22.95			-1.47
KRUC	146.7	10	PnD	0:17:06.22			0.03
			Sn	17:23.56			-1.51
KOGS	147.0	174	Sn	0:17:26.92			1.78
GROS	150.6	196	Sn	0:17:24.96			-0.96
BEHE	154.1	159	Sn	0:17:28.92			2.22
PKST	160.0	111	Pn	0:17:09.64			1.80
			Sn	17:27.35			-0.66
SRO	170.0	88	Sn	0:17:32.45			2.21
CSKK	172.5	105	Sn	0:17:31.05			0.25
OBKA	179.8	219	Pn	0:17:11.90			1.58
			Sn	17:33.19			0.77
BIOA	180.8	267	Pn	0:17:12.29			1.85
			Sn	17:34.26			1.63
PKSG	181.2	103	Sn	0:17:31.44			-1.29
PTJ	207.3	182	Sn	0:17:39.41			0.90
KBA	217.6	250	Pn	0:17:15.30			0.27
VYHS	223.1	69	Sn	0:17:43.96			1.94

Földrengés paraméterek

524.

2022-03-24 time: 8:01:59.07 UTC ML= 1.7
 lat: 48.438N lon: 19.530E h= 0.0 km
 erh= 2.5km erz= 761km
 nr= 9 gap=122 rms=0.57
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	51.7	277	Pg	8:02:08.91			0.61
			Sg	02:14.54			-0.96
PSZ	63.8	155	Pg	8:02:10.78			0.32
			Sg	02:18.69			-0.66
KECS	70.9	86	Pg	8:02:12.19			0.47
			Sg	02:21.12			-0.47
NIE	123.3	28	Pg	8:02:20.84			-0.25
			Sg	02:35.99			-2.27
ABAH	127.6	97	Pg	8:02:22.01			0.15

525.

2022-03-24 time: 9:21:26.29 UTC ML= 1.7
 lat: 48.513N lon: 17.462E h= 0.0 km
 erh= 2.0km erz= 3.0km
 nr= 11 gap=143 rms=0.49
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	2.5	273	Pg	9:21:26.54			-0.20
			Sg	21:27.20			0.12
MODS	20.6	222	Pg	9:21:30.10			0.12
			Sg	21:33.18			0.33
KRUC	99.4	308	Sg	9:21:57.67			-0.22
VYHS	101.5	91	Pg	9:21:44.95			0.52
			Sg	21:57.75			-0.82
RONA	125.3	224	Pg	9:21:49.06			0.39
			Sg	22:05.11			-1.02
CONA	135.5	241	Pn	9:21:50.49			0.27
			Sn	22:07.70			-1.19

526.

2022-03-24 time: 9:27:01.01 UTC ML= 1.8
 lat: 48.572N lon: 20.728E h= 0.0 km
 erh= 2.4km erz= 3.9km
 nr= 10 gap=147 rms=0.61
 Locality: Komjáti
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	20.4	241	Pg	9:27:04.80			0.14
			Sg	27:08.66			1.15
ABAH	48.8	129	Pg	9:27:09.95			0.23
			Sg	27:15.90			-0.61
PSZ	95.5	220	Pg	9:27:17.94			-0.12
			Sg	27:31.28			-0.08
NIE	98.9	342	Pg	9:27:19.65			0.98
LANS	112.6	305	Pg	9:27:20.33			-0.79
VYHS	140.0	266	Pn	9:27:25.25			-0.25
			Sn	27:43.41			-1.19

527.

2022-03-24 time: 10:00:02.80 UTC ML= 1.8
 lat: 48.409N lon: 17.312E h= 0.0 km
 erh= 3.2km erz= 5.6km
 nr= 13 gap=129 rms=1.01
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	4.7	214	Pg	10:00:04.25			0.61

Földrengés paraméterek

		Sg	00:06.20	1.91	
SMOL	14.5	36	Pg	10:00:06.05	0.66
		Sg	00:09.18	1.77	
KRUC	99.1	317	Sg	10:00:34.14	-0.18
RONA	109.3	224	Pg	10:00:22.25	-0.08
		Sg	00:35.94	-1.61	
VYHS	113.1	85	Pg	10:00:23.50	0.50
		Sg	00:37.72	-1.04	
CONA	120.4	244	Pg	10:00:24.44	0.14
		Sg	00:39.28	-1.80	
MORC	153.1	6	Pn	10:00:28.48	-0.44
		Sn	00:46.88	-2.42	

528.

2022-03-24 time: 10:02:15.38 UTC ML= 1.6
lat: 48.338N lon: 19.766E h= 0.0 km
erh= 2.7km erz= 925km
nr= 9 gap=116 rms=0.69
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	47.6	168	Pg	10:02:24.15	0.27		
			Sg	02:30.10	-0.42		
KECS	55.7	73	Pg	10:02:25.45	0.13		
			Sg	02:34.01	0.93		
VYHS	71.0	284	Pg	10:02:28.06	0.01		
			Sg	02:38.05	0.12		
ABAH	109.4	92	Sg	10:02:47.91	-2.25		
NIE	126.7	18	Pg	10:02:38.44	0.43		
			Sg	02:53.94	-1.72		

529.

2022-03-24 time: 10:33:29.74 UTC ML= 1.0
lat: 47.198N lon: 18.281E h= 0.0 km
erh= 1.5km erz= 2.9km
nr= 11 gap=145 rms=0.38
Locality: Csór
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	18.4	355	Pg	10:33:33.00	-0.03		
			Sg	33:35.08	-0.52		
PKST	19.9	290	Pg	10:33:33.39	0.11		
			Sg	33:36.01	-0.04		
PKSG	23.1	21	Pg	10:33:34.00	0.14		
			Sg	33:37.17	0.09		
MORH	112.7	166	Sg	10:34:05.88	0.33		
PKSM	113.0	166	Sg	10:34:05.57	-0.10		
KOVH	124.1	186	Sg	10:34:08.27	-0.92		
VYHS	150.0	16	Pn	10:33:56.06	0.59		
			Sn	34:14.35	-1.19		

530.

2022-03-25 time: 8:08:54.04 UTC ML= 1.3
lat: 47.954N lon: 16.662E h= 0.0 km
erh= 4.5km erz= ***km
nr= 8 gap=150 rms=0.88
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SOP	31.1	194	Sg	8:09:04.17	0.24		
RONA	39.4	224	Pg	8:09:01.77	0.70		
			Sg	09:06.24	-0.32		
CONA	59.8	267	Pg	8:09:05.30	0.57		
			Sg	09:13.45	0.39		
MODS	65.4	44	Sg	8:09:14.71	-0.11		
ARSA	116.0	228	Sg	8:09:29.57	-1.34		
KRUC	124.7	351	Sg	8:09:31.14	-2.55		

Hypocenter Parameters

531.

2022-03-25 time: 9:36:50.43 UTC ML= 1.8
lat: 48.221N lon: 18.799E h= 0.0 km
erh= 1.9km erz= 4.1km
nr= 17 gap= 77 rms=0.89
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	30.4	5	Pg	9:36:56.53	0.66		
			Sg	37:01.22	1.11		
PENC	60.0	143	Pg	9:37:02.32	1.18		
			Sg	37:09.67	0.18		
PSZ	88.3	112	Pg	9:37:06.54	0.33		
			Sg	37:17.80	-0.71		
PKSG	97.2	198	Sg	9:37:21.86	0.54		
CSKK	103.6	203	Sg	9:37:24.06	0.70		
SMOL	106.6	288	Sg	9:37:24.06	-0.26		
MODS	114.2	279	Pg	9:37:10.91	0.09		
			Sg	37:25.62	-1.09		
LANS	114.5	25	Sg	9:37:25.93	-0.89		
PKST	121.4	208	Sg	9:37:26.72	-2.30		
KECS	128.4	77	Pg	9:37:13.10	-0.26		
			Sg	37:28.44	-2.80		
EGYH	141.6	231	Sn	9:37:33.76	-0.63		
MPLH	150.3	219	Sn	9:37:35.01	-1.30		

532.

2022-03-25 time: 10:35:47.69 UTC ML= 0.8
lat: 47.216N lon: 18.282E h= 0.0 km
erh= 2.2km erz= 293km
nr= 6 gap=261 rms=0.17
Locality: Iszkaszentgyörgy
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	16.4	354	Pg	10:35:50.48	-0.15		
			Sg	35:52.85	-0.07		
PKST	19.3	284	Pg	10:35:51.05	-0.10		
			Sg	35:54.06	0.22		
PKSG	21.2	23	Pg	10:35:51.75	0.27		
			Sg	35:54.30	-0.14		

533.

2022-03-25 time: 12:32:03.99 UTC ML= 1.6
lat: 47.999N lon: 20.128E h= 0.0 km
erh= 1.3km erz= 287km
nr= 7 gap=174 rms=0.19
Locality: Kisfűzes
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	19.6	243	Pg	12:32:07.48	-0.01		
			Sg	32:09.99	-0.23		
PENC	67.4	250	Sg	12:32:25.48	0.07		
ABAH	89.1	68	Pg	12:32:20.16	0.25		
			Sg	32:31.82	-0.50		
VYHS	110.6	300	Pg	12:32:23.76	0.02		
			Sg	32:39.10	-0.04		

534.

2022-03-25 time: 20:30:12.58 UTC ML= 1.5
lat: 45.687N lon: 20.458E h= 10.0 km
erh= 4.6km erz= 4.3km
nr= 7 gap=125 rms=1.13
Locality: Serbia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
FRGS	79.6	220	Sg	20:30:36.89	-1.18		

Hypocenter Parameters

BZS	90.7	95	Pg	20:30:30.31	1.45
			Sg	30:40.95	-0.62
SIRR	113.3	55	Pn	20:30:32.59	0.13
			Sn	30:45.57	-2.39
MORH	152.4	293	Sn	20:30:56.79	0.14
PKSM	152.5	292	Sn	20:30:57.18	0.52

535.

2022-03-26 time: 9:23:10.15 UTC ML= 1.3
lat: 46.129N lon: 17.984E h= 0.0 km
erh= 2.6km erz= 4.1km
nr= 12 gap=201 rms=0.61
Locality: Dinnyeberki
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
KOVH	10.1	117	PgU	9:23:11.94	0.00	
			Sg	23:13.07	-0.28	
PKSV	33.9	142	Pg	9:23:16.30	0.10	
			Sg	23:20.45	-0.47	
MORH	51.9	79	Sg	9:23:25.75	-0.90	
PKS9	55.7	24	Sg	9:23:28.10	0.24	
PKB5	77.7	48	Pg	9:23:24.89	0.87	
			Sg	23:35.57	0.74	
PKB1	95.7	40	Sg	9:23:41.10	0.53	
MPLH	120.6	344	Sg	9:23:48.15	-0.34	
PKST	125.7	2	Sg	9:23:48.46	-1.63	
PKSG	143.8	12	Sn	9:23:53.78	-0.80	

536.

2022-03-26 time: 9:55:49.06 UTC ML= 1.3
lat: 46.204N lon: 18.265E h= 0.0 km
erh= 1.5km erz= 4.2km
nr= 16 gap=108 rms=0.67
Locality: Komló
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
KOVH	18.1	225	Pg	9:55:52.76	0.47	
			Sg	55:55.34	0.52	
PKSM	29.1	88	Pg	9:55:54.80	0.55	
			Sg	55:57.77	-0.53	
MORH	29.3	87	Pg	9:55:54.64	0.35	
			Sg	55:57.85	-0.53	
PKSV	35.1	182	Pg	9:55:55.34	0.02	
			Sg	55:59.18	-1.03	
PKB4	41.7	39	Sg	9:56:02.78	0.47	
PKS9	42.6	1	Sg	9:56:03.80	1.19	
PKB2	91.5	55	Sg	9:56:18.35	0.20	
PKST	118.6	351	Pg	9:56:10.53	0.28	
			Sg	56:25.94	-0.83	
MPLH	120.9	333	Sg	9:56:26.33	-1.17	
CSKK	128.9	360	Sg	9:56:28.60	-1.43	
PKSG	132.4	4	Sn	9:56:29.78	-1.19	

537.

2022-03-26 time: 10:17:45.19 UTC ML= 2.3
lat: 48.236N lon: 21.235E h= 0.0 km
erh= 3.2km erz= 3.5km
nr= 13 gap=154 rms=0.82
Locality: Tállya
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
ABAH	6.7	3	PgU	10:17:46.63	0.24	
			Sg	17:48.40	1.08	
KECS	62.0	296	Pg	10:17:56.89	0.64	
			Sg	18:04.79	-0.10	
TRPA	97.7	97	Sg	10:18:16.03	-0.21	
PSZ	105.9	251	Sg	10:18:17.54	-1.32	
KOLS	109.0	45	Pg	10:18:04.86	0.21	
			Sg	18:18.65	-1.19	

Földrengés paraméterek

NIE	148.0	333	Pn	10:18:10.96	0.29
			Sn	18:28.65	-1.90
LANS	165.2	308	Pn	10:18:13.00	0.19
			Sn	18:32.80	-1.56
VYHS	180.1	279	Sn	10:18:39.88	2.21

538.

2022-03-27 time: 0:26:32.27 UTC ML= 0.9
lat: 47.790N lon: 16.224E h= 14.7 km
erh= 2.1km erz= 1.7km
nr= 14 gap=110 rms=0.53
Locality: Austria
Comments:

sta	dist	azm	phase	hr mn	sec	res
RONA	11.4	152	PgD	0:26:35.71	0.12	
			Sg	26:37.56	-0.62	
SOP	27.7	115	Pg	0:26:38.22	0.35	
			Sg	26:41.65	-0.59	
CONA	31.2	300	Pg	0:26:38.49	0.07	
			Sg	26:42.94	-0.28	
ARSA	79.9	221	Pg	0:26:47.02	0.24	
			Sg	26:57.39	-0.71	
ABNA	114.2	329	Pn	0:26:51.62	-0.04	
			Sn	27:05.57	-1.22	
KRUC	142.0	5	Pn	0:26:55.84	0.71	
			Sn	27:13.01	0.05	
MOA	146.8	273	Sn	0:27:16.26	2.23	
KHC	246.0	307	eSn	0:27:38.60	2.54*	

539.

2022-03-27 time: 11:14:27.19 UTC ML= 0.8
lat: 48.221N lon: 21.554E h= 18.1 km
erh= 6.1km erz= 3.5km
nr= 5 gap=192 rms=0.43
Locality: Kenézlő
Comments:

sta	dist	azm	phase	hr mn	sec	res
ABAH	24.8	290	PgD	11:14:33.24	0.56	
			Sg	14:36.38	-0.58	
TRPA	74.0	98	S*	11:14:50.51	-0.35	
KECS	84.4	290	S*	11:14:53.45	-0.24	
KOLS	95.3	34	S*	11:14:56.71	0.06	

540.

2022-03-27 time: 21:20:37.64 UTC ML= 0.6
lat: 47.817N lon: 16.260E h= 10.8 km
erh= 4.4km erz= 3.4km
nr= 10 gap=124 rms=0.36
Locality: Austria
Comments:

sta	dist	azm	phase	hr mn	sec	res
RONA	13.3	168	PgD	21:20:40.70	0.00	
			Sg	20:42.60	-0.49	
SOP	26.8	123	Pg	21:20:43.19	0.38	
			Sg	20:46.60	-0.24	
CONA	32.3	293	Pg	21:20:43.82	0.10	
			Sg	20:48.28	-0.19	
ABNA	113.1	327	Pn	21:20:57.37	-0.02	
			Sn	21:10.50	-2.30	
KRUC	138.8	4	Pn	21:21:01.03	0.43	
			Sn	21:17.88	-0.63	

Földrengés paraméterek

541.

2022-03-28 time: 7:37:40.31 UTC ML= 1.2
 lat: 45.857N lon: 18.401E h= 0.0 km
 erh= 1.7km erz= 286km
 nr= 9 gap=262 rms=0.21

Locality: Nagyharsány

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	12.1	287	Pg	7:37	:42	.05	-0.42
			Sg	37	:44	.24	0.09
KOVH	34.7	318	PgU	7:37	:46	.83	0.32
			Sg	37	:51	.34	-0.01
PKSM	43.6	25	PgU	7:37	:48	.24	0.14
			Sg	37	:54	.16	-0.01
MORH	44.1	25	PgU	7:37	:48	.20	0.01
			Sg	37	:54	.16	-0.17
PKB1	107.4	16	Sg	7:38	:14	.33	-0.11

542.

2022-03-28 time: 7:39:25.57 UTC ML= 1.6
 lat: 48.022N lon: 20.719E h= 0.0 km
 erh= 5.6km erz= ***km
 nr= 6 gap=208 rms=0.65

Locality: Kisgyőr

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	49.3	52	Pg	7:39	:34	.04	-0.33
			Sg	39	:41	.26	0.03
KECS	54.1	341	Pg	7:39	:35	.69	0.46
			Sg	39	:42	.20	-0.57
PSZ	62.6	259	Pg	7:39	:37	.45	0.70
			Sg	39	:43	.88	-1.60

543.

2022-03-28 time: 7:45:29.00 UTC ML= 1.6
 lat: 45.866N lon: 18.393E h= 0.0 km
 erh= 4.0km erz= 611km
 nr= 10 gap=256 rms=0.48

Locality: Kisharsány

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	11.2	283	Pg	7:45	:30	.50	-0.50
			Sg	45	:32	.50	-0.06
KOVH	33.6	317	Pg	7:45	:35	.09	0.10
			Sg	45	:39	.64	-0.02
PKSM	43.0	27	PgU	7:45	:36	.35	-0.33
			Sg	45	:42	.34	-0.32
MORH	43.5	27	PgU	7:45	:36	.50	-0.26
			Sg	45	:42	.46	-0.36
PKS9	80.6	354	Pg	7:45	:44	.54	1.14
PKB5	85.2	18	Pg	7:45	:44	.75	0.53

544.

2022-03-28 time: 7:53:21.65 UTC ML= 1.6
 lat: 48.319N lon: 21.481E h= 0.0 km
 erh= 3.2km erz= ***km
 nr= 10 gap=144 rms=0.79

Locality: Komlóská

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	18.1	262	Pg	7:53	:25	.03	0.14
			Sg	53	:28	.00	0.59
KECS	76.0	284	Pg	7:53	:36	.12	0.90
			Sg	53	:44	.86	-0.94
TRPA	81.3	105	Pg	7:53	:36	.59	0.41
			Sg	53	:46	.51	-1.00

Hypocenter Parameters

KOLS	89.9	41	Pg	7:53:38.12	0.42
			Sg	53:49.76	-0.46
STHS	123.3	352	Sg	7:53:59.64	-1.22
PSZ	126.3	249	Sg	7:53:59.36	-2.42

545.

2022-03-28 time: 8:41:39.03 UTC ML= 1.1
 lat: 47.079N lon: 18.061E h= 0.0 km
 erh= 1.2km erz= 349km
 nr= 9 gap=143 rms=0.26

Locality: Papkeszi

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	20.1	354	Pg	8:41	:42	.22	-0.39
			Sg	41	:45	.36	-0.04
CSKK	35.0	26	Pg	8:41	:45	.52	0.25
			Sg	41	:50	.46	0.31
MPLH	40.8	284	Pg	8:41	:46	.31	-0.01
			Sg	41	:52	.18	0.18
PKSG	42.8	36	Pg	8:41	:46	.85	0.18
			Sg	41	:52	.07	-0.55
KOVH	110.2	178	Sg	8:42	:13	.95	-0.11

546.

2022-03-28 time: 9:00:18.51 UTC ML= 1.8
 lat: 48.630N lon: 20.777E h= 0.0 km
 erh= 3.2km erz= 3.3km
 nr= 8 gap=233 rms=0.44

Locality: Slovakia

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	27.0	233	Pg	9:00	:23	.33	0.01
			Sg	00	:27	.49	0.41
ABAH	50.5	137	Pg	9:00	:28	.11	0.58
			Sg	00	:33	.91	-0.66
PSZ	102.7	220	Pg	9:00	:37	.05	0.20
			Sg	00	:50	.46	-0.70
VYHS	144.0	264	Pn	9:00	:43	.41	-0.09
			Sn	01	:02	.22	-0.77

547.

2022-03-28 time: 10:00:18.88 UTC ML= 1.8
 lat: 48.120N lon: 16.941E h= 0.0 km
 erh= 3.4km erz= 4.7km
 nr= 9 gap=184 rms=0.61

Locality: Austria

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	37.7	41	Pg	10:00	:25	.61	0.00
			Sg	00	:30	.32	-0.54
RONA	67.1	226	Pg	10:00	:31	.34	0.48
			Sg	00	:39	.65	-0.56
CONA	83.3	255	Pg	10:00	:34	.47	0.72
			Sg	00	:44	.66	-0.69
KRUC	112.2	339	Pg	10:00	:39	.33	0.41
			Sg	00	:52	.97	-1.58
ARSA	143.8	228	Sn	10:01	:02	.77	-0.54

548.

2022-03-28 time: 10:04:40.88 UTC ML= 1.9
 lat: 47.344N lon: 18.459E h= 0.0 km
 erh= 2.1km erz= 3.1km
 nr= 15 gap=114 rms=0.80

Locality: Lovasberény

Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
PKSG	7.4	315	PgU	10:04:42.	60	0.40	
			Sg	04:42.77		-0.46	
CSKK	15.2	278	Pg	10:04:44.	10	0.51	
			Sg	04:45.46		-0.24	
PKST	33.5	254	Pg	10:04:47.	77	0.91	
			Sg	04:51.30		-0.23	
MPLH	72.3	254	Sg	10:05:03.	10	-0.75	
PSZ	125.3	59	Pg	10:05:03.	91	0.65	
			Sg	05:20.10		-0.61	
MORH	126.3	174	Sg	10:05:19.	40	-1.61	
PKSM	126.7	174	Sg	10:05:20.	34	-0.80	
VYHS	130.9	12	Pn	10:05:04.	98	0.75	
			Sn	05:20.97		-1.48	
KOVH	142.3	191	Sn	10:05:25.	10	0.12	
MODS	144.6	322	Sn	10:05:23.	24	-2.26	

549.

2022-03-28 time: 10:58:07.79 UTC ML= 1.6
lat: 48.490N lon: 19.581E h= 0.0 km
erh= 3.2km erz= 954km
nr= 6 gap=111 rms=0.66
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	55.0	270	Pg	10:58:18.	30	0.68	
			Sg	58:24.81		-0.47	
KECS	66.9	91	Sg	10:58:28.	10	-0.95	
PSZ	67.7	160	Pg	10:58:20.	49	0.60	
			Sg	58:28.88		-0.44	
LANS	73.9	354	Sg	10:58:30.	53	-0.74	

550.

2022-03-28 time: 13:51:54.08 UTC ML= 0.9
lat: 47.867N lon: 16.055E h= 0.0 km
erh= 3.1km erz= 6.4km
nr= 7 gap= 85 rms=0.95
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	16.0	295	PgU	13:51:57.	33	0.39	
			Sg	52:00.15		0.98	
RONA	25.9	136	Pg	13:51:59.	37	0.67	
			Sg	52:02.66		0.35	
ARSA	79.3	210	Sg	13:52:18.	61	-0.69	
MODS	107.1	58	Sg	13:52:26.	96	-1.15	
KRUC	135.3	11	Sn	13:52:34.	25	-2.37	

551.

2022-03-28 time: 13:58:41.61 UTC ML= 0.8
lat: 47.844N lon: 16.039E h= 0.0 km
erh= 1.8km erz= 5.9km
nr= 7 gap= 95 rms=0.60
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	16.2	305	Pg	13:58:44.	71	0.21	
			Sg	58:47.10		0.34	
RONA	25.1	130	Pg	13:58:46.	40	0.31	
			Sg	58:50.00		0.41	
ARSA	76.6	210	Sg	13:59:05.	21	-0.73	
MODS	109.4	57	Sg	13:59:15.	95	-0.44	
KRUC	137.9	11	Sn	13:59:22.	11	-2.63	

Földrengés paraméterek

552.

2022-03-29 time: 8:07:38.75 UTC ML= 1.5
lat: 48.922N lon: 21.031E h= 0.0 km
erh= 2.0km erz= 3.5km
nr= 11 gap= 78 rms=0.62
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
STHS	57.2	16	Pg	8:07:48.	61	-0.35	
			Sg	07:56.18		-0.75	
KECS	63.2	219	Pg	8:07:50.	10	0.07	
			Sg	07:57.78		-1.05	
ABAH	71.2	168	Pg	8:07:52.	42	0.95	
			Sg	08:00.31		-1.08	
NIE	76.2	317	Sg	8:08:02.	49	-0.47	
KOLS	91.0	89	Pg	8:07:54.	99	-0.01	
			Sg	08:07.90		0.22	
VYHS	168.4	254	Pn	8:08:07.	58	0.80	
			Sn	08:28.83		0.18	

553.

2022-03-29 time: 8:46:53.21 UTC ML= 1.5
lat: 47.828N lon: 19.132E h= 0.0 km
erh= 2.1km erz= 713km
nr= 10 gap=119 rms=0.55
Locality: Szendehely
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	11.9	110	Pg	8:46:55.	14	-0.20	
			Sg	46:57.50		0.50	
PSZ	57.9	80	Pg	8:47:03.	69	0.15	
			Sg	47:10.90		-0.71	
PKSG	73.9	229	Pg	8:47:06.	71	0.31	
			Sg	47:15.92		-0.78	
VYHS	77.3	343	Pg	8:47:07.	30	0.30	
			Sg	47:17.02		-0.74	
PKST	104.1	233	Pg	8:47:12.	56	0.77	
			Sg	47:25.09		-1.20	

554.

2022-03-29 time: 9:26:02.27 UTC ML= 1.7
lat: 46.105N lon: 21.840E h= 0.0 km
erh= 4.5km erz= ***km
nr= 5 gap=157 rms=0.47
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SIRR	22.9	322	Pg	9:26:06.	32	-0.03	
			Sg	26:09.30		-0.23	
BZS	57.0	198	Pg	9:26:13.	06	0.62	
			Sg	26:19.49		-0.88	
DRGR	101.5	41	Sg	9:26:34.	39	-0.15	

555.

2022-03-29 time: 10:00:49.50 UTC ML= 0.8
lat: 47.225N lon: 18.276E h= 0.0 km
erh= 1.5km erz= 204km
nr= 6 gap=257 rms=0.12
Locality: Izska szentgyörgy
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	15.4	356	Pg	10:00:52.	43	0.18	
			Sg	00:54.49		0.09	
PKST	18.7	282	Pg	10:00:52.	76	-0.07	
			Sg	00:55.37		-0.06	
PKSG	20.5	25	Pg	10:00:53.	15	-0.01	

Földrengés paraméterek

Sg	00:55.78	-0.23
556.		
2022-03-29 time: 11:36:49.75 UTC ML= 1.7 lat: 47.840N lon: 19.093E h= 0.0 km erh= 0.5km erz=59.9km nr= 5 gap=234 rms=0.03 Locality: Szendehely Comments: probably explosion		
sta dist azm phase hr mn sec res		
PENC 15.2 111 Pg 11:36:52.44 -0.02		
	Sg 36:54.53 -0.04	
PSZ 60.6 82 Pg 11:37:00.61 0.04		
	Sg 37:09.02 0.01	
VYHS 75.2 345 Sg 11:37:13.64 -0.01		
557.		
2022-03-30 time: 6:07:19.80 UTC ML= 1.5 lat: 47.263N lon: 18.316E h= 0.0 km erh= 2.0km erz= 3.4km nr= 11 gap=109 rms=0.58 Locality: Sárkereszes Comments: probably explosion		
sta dist azm phase hr mn sec res		
CSKK 11.9 339 PgU 6:07:22.36 0.44		
	Sg 07:22.84 -0.74	
PKSG 15.4 22 PgU 6:07:22.75 0.20		
	Sg 07:24.56 -0.13	
PKST 21.3 269 Pg 6:07:23.99 0.38		
	Sg 07:25.82 -0.76	
MORH 119.1 168 Sg 6:07:57.02 -0.64		
PKSM 119.5 168 Sg 6:07:58.71 0.92		
KOVH 131.7 187 Sn 6:07:58.86 -2.68		
PSZ 139.3 58 Pn 6:07:44.44 0.23		
	Sn 08:02.39 -0.85	
558.		
2022-03-30 time: 8:02:48.68 UTC ML= 1.4 lat: 47.352N lon: 18.497E h= 0.0 km erh= 1.9km erz= 615km nr= 9 gap=120 rms=0.46 Locality: Lovasberény Comments: probably explosion		
sta dist azm phase hr mn sec res		
PKSG 9.2 299 PgU 8:02:50.52 0.20		
	Sg 02:50.86 -0.75	
CSKK 18.0 274 Pg 8:02:52.29 0.40		
	Sg 02:53.76 -0.63	
PKST 36.5 254 Pg 8:02:55.80 0.60		
	Sg 02:59.93 -0.36	
PSZ 122.4 59 Sg 8:03:27.33 -0.26		
MORH 126.8 175 Sg 8:03:28.98 -0.01		
PKSM 127.2 175 Sg 8:03:28.59 -0.54		
559.		
2022-03-30 time: 8:52:33.47 UTC ML= 1.7 lat: 45.640N lon: 17.311E h= 0.0 km erh= 2.3km erz= 4.4km nr= 13 gap=116 rms=0.65 Locality: Croatia Comments: probably explosion		
sta dist azm phase hr mn sec res		
PKSV 78.3 69 Pg 8:52:48.19 0.74		
	Sg 52:58.95 0.60	
KOVH 79.0 51 Pg 8:52:48.46 0.89		
	Sg 52:59.26 0.69	

Hypocenter Parameters

BLY 99.6 186 Pg 8:52:51.28 0.03	
	Sg 53:04.06 -1.06
BEHE 101.1 336 Pg 8:52:51.81 0.28	
PTJ 109.1 285 Pg 8:52:52.93 -0.03	
PKSM 121.2 58 Pg 8:52:54.69 -0.43	
	Sg 53:10.73 -1.27
MORH 121.6 58 Pg 8:52:54.72 -0.47	
	Sg 53:11.26 -0.87
PKB4 138.1 46 Sn 8:53:15.70 -0.94	

560.		
2022-03-30 time: 8:59:53.21 UTC ML= 1.8		
lat: 48.831N lon: 16.143E h= 0.0 km		
erh= 5.0km erz= 4.6km		
nr= 14 gap=184 rms=1.06		
Locality: Czech Republic		
Comments: probably explosion		

sta dist azm phase hr mn sec res	
KRUC 31.7 36 Pg 8:59:59.46 0.59	
	Sg 9:00:02.36 -0.93
MODS 97.9 121 Pg 8:60:12.16 1.46	
	Sg 60:24.31 -0.02
CONA 102.5 192 Pg 8:60:11.53 0.02	
	Sg 60:23.92 -1.86
RONA 126.3 175 Pg 8:60:15.53 -0.23	
	Sg 60:30.66 -2.69
KRLC 146.0 19 Pn 8:60:19.06 0.61	
	Sn 60:36.54 -1.60
MORC 146.4 44 Pn 8:60:18.90 0.39	
	Sn 60:36.30 -1.93
ARSA 181.7 195 Pn 8:60:24.00 1.10	
	Sn 60:46.34 0.29

561.		
2022-03-30 time: 9:56:43.38 UTC ML= 1.3		
lat: 47.930N lon: 16.234E h= 0.0 km		
erh= 4.3km erz= ***km		
nr= 10 gap= 96 rms=1.33		
Locality: Austria		
Comments: probably explosion		

sta dist azm phase hr mn sec res	
RONA 26.0 170 PgD 9:56:48.76 0.73	
	Sg 56:51.61 -0.05
CONA 27.8 270 PgU 9:56:49.74 1.39	
	Sg 56:53.82 1.60
SOP 36.7 138 Pg 9:56:54.76 -0.27	
MODS 92.0 58 Pg 9:57:00.67 0.86	
	Sg 57:11.62 -1.00
ARSA 92.6 215 Pg 9:57:09.74 -3.06	
KRUC 126.4 5 Pg 9:57:04.76 -1.19	
	Sg 57:21.24 -2.32

562.		
2022-03-30 time: 10:45:35.53 UTC ML= 1.7		
lat: 46.788N lon: 22.870E h= 0.0 km		
erh= 5.6km erz= 5.4km		
nr= 6 gap=271 rms=0.40		
Locality: Romania		
Comments: probably explosion		

sta dist azm phase hr mn sec res	
DRGR 12.1 272 Pg 10:45:37.31 -0.39	
	Sg 45:40.13 0.74
SIRR 109.4 238 Pg 10:46:09.93 -0.38	
GZR 155.2 183 Pn 10:46:02.24 0.33	
	Sn 46:22.47 -0.02
BZS 162.2 217 Sn 10:46:24.08 0.03	

Hypocenter Parameters

563.

2022-03-30 time: 11:54:51.05 UTC ML= 1.2
 lat: 47.550N lon: 16.344E h= 0.0 km
 erh= 2.2km erz= 507km
 nr= 8 gap=195 rms=0.37
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
RONA	17.1	348	PgU	11:54:	54.08	-0.02
			Sg	54:	56.35	-0.12
SOP	21.9	47	Pg	11:54:	55.02	0.06
			Sg	54:	57.76	-0.25
CONA	55.5	319	Pg	11:55:	01.70	0.73
			Sg	55:	08.31	-0.39
ARSA	70.4	242	Sg	11:55:	12.72	-0.69
MODS	115.1	37	Pg	11:55:	11.63	0.03

564.

2022-03-31 time: 9:23:44.84 UTC ML= 1.9
 lat: 48.387N lon: 19.132E h= 0.0 km
 erh= 2.3km erz= 3.7km
 nr= 12 gap= 78 rms=0.74
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
VYHS	24.9	298	Pg	9:23:	49.75	0.45
			Sg	23:	52.42	-0.35
PENC	67.3	170	Sg	9:24:	06.76	0.53
PSZ	77.0	133	Sg	9:24:	09.04	-0.29
SRO	88.3	224	Sg	9:24:	11.31	-1.59
LANS	88.4	16	Pg	9:24:	01.28	0.65
			Sg	24:	11.78	-1.16
KECS	100.7	84	Pg	9:24:	03.24	0.41
			Sg	24:	16.25	-0.61
NIE	143.7	37	Pn	9:24:	10.68	0.88
			Sn	24:	28.17	-1.10
ABAH	156.5	94	Sn	9:24:	31.38	-0.73

565.

2022-03-31 time: 9:45:49.55 UTC ML= 2.1
 lat: 48.241N lon: 21.243E h= 0.0 km
 erh= 6.2km erz= 5.3km
 nr= 12 gap=206 rms=1.14
 Locality: Tállya
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
ABAH	6.1	357	Pg	9:45:	51.26	0.61
			Sg	45:	52.09	0.59
KECS	62.3	296	Pg	9:46:	00.63	-0.04
			Sg	46:	07.69	-1.65
PSZ	106.7	250	Pg	9:46:	09.61	1.01
			Sg	46:	22.27	-1.19
KOLS	108.2	45	Pg	9:46:	08.71	-0.16
			Sg	46:	22.03	-1.90
LANS	165.3	308	Pn	9:46:	19.33	2.14
			Sn	46:	38.50	-0.25
VYHS	180.6	279	Pn	9:46:	18.82	-0.28
			Sn	46:	39.91	-2.23

566.

2022-03-31 time: 10:00:00.41 UTC ML= 1.6
 lat: 48.135N lon: 16.889E h= 0.0 km
 erh= 3.8km erz= 935km
 nr= 7 gap=175 rms=0.61
 Locality: Austria
 Comments: probably explosion

Földrengés paraméterek

sta	dist	azm	phase	hr mn	sec	res
MODS	39.2	47	Pg	10:00:	07.36	-0.05
			Sg	00:	12.14	-0.73
RONA	65.6	223	Pg	10:00:	12.65	0.52
			Sg	00:	20.45	-0.82
CONA	80.0	253	Sg	10:00:	25.55	-0.29
KRUC	109.4	341	Pg	10:00:	20.80	0.86
			Sg	00:	34.42	-0.75

567.

2022-03-31 time: 12:20:35.81 UTC ML= 1.4
 lat: 47.904N lon: 16.435E h= 0.0 km
 erh= 4.0km erz= ***km
 nr= 8 gap=154 rms=0.79
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
RONA	25.0	205	Pg	12:20:	40.10	-0.18
			Sg	20:	43.16	-0.61
CONA	43.0	274	Pg	12:20:	44.30	0.82
			Sg	20:	49.51	0.05
MODS	81.5	50	Pg	12:20:	51.39	1.02
			Sg	21:	01.55	-0.17
KRUC	128.7	359	Pg	12:20:	57.95	-0.84
			Sg	21:	14.89	-1.83

568.

2022-04-01 time: 7:39:00.91 UTC ML= 1.6
 lat: 48.576N lon: 20.704E h= 0.0 km
 erh= 2.8km erz= 4.1km
 nr= 13 gap=127 rms=0.91
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
KECS	19.2	237	Pg	7:39:	04.91	0.58
			Sg	39:	07.14	0.14
ABAH	50.4	128	Pg	7:39:	10.44	0.54
			Sg	39:	15.96	-0.96
PSZ	94.7	219	Pg	7:39:	18.43	0.61
			Sg	39:	30.11	-0.89
NIE	98.0	343	Pg	7:39:	19.84	1.43
LANS	111.0	305	Pg	7:39:	20.24	-0.49
			Sg	39:	34.50	-1.68
VYHS	138.3	266	Pn	7:39:	25.10	-0.08
			Sn	39:	42.27	-1.85
TRPA	144.7	110	Pn	7:39:	25.96	-0.03
			Sn	39:	41.91	-3.64

569.

2022-04-01 time: 8:00:58.91 UTC ML= 1.6
 lat: 48.242N lon: 18.784E h= 0.0 km
 erh= 2.3km erz= 4.1km
 nr= 18 gap= 54 rms=1.12
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
VYHS	28.3	8	Pg	8:01:	05.13	1.17
			Sg	01:	08.58	0.68
A338	40.9	232	Pg	8:01:	07.17	0.96
			Sg	01:	12.89	0.99
SRO	59.2	216	Sg	8:01:	18.30	0.57
PENC	62.5	144	Sg	8:01:	19.17	0.41
PSZ	90.2	114	Sg	8:01:	26.53	-1.07
PKSG	99.0	197	Sg	8:01:	29.67	-0.72
SMOL	104.9	287	Sg	8:01:	31.16	-1.08
CSKK	105.3	202	Pg	8:01:	19.40	1.68
			Sg	01:	31.55	-0.84
MODS	112.7	277	Sg	8:01:	33.36	-1.38
LANS	112.9	26	Sg	8:01:	34.37	-0.42

Földrengés paraméterek

PKST 122.9 207 Sg 8:01:36.57 -1.41
 KECS 128.9 78 Sg 8:01:37.51 -2.38
 EGYH 142.3 230 Sn 8:01:41.97 -1.04
 MPLH 151.4 218 Sn 8:01:44.25 -0.79
 MORC 193.3 332 Sn 8:01:53.42 -0.92

570.

2022-04-01 time: 8:20:42.10 UTC ML= 1.7
 lat: 46.028N lon: 22.844E h= 0.0 km
 erh= 4.0km erz= ***km
 nr= 10 gap=171 rms=0.90
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	16.8	164	Pg	8:20:45.40		0.30	
			Sg	20:47.75		0.32	
GZR	70.8	184	Pg	8:20:54.57		-0.17	
			Sg	21:03.35		-1.25	
DRGR	85.5	353	Pg	8:20:57.82		0.46	
			Sg	21:07.47		-1.79	
SIRR	95.3	286	Pg	8:21:00.45		1.34	
			Sg	21:12.21		-0.17	
BZS	105.8	244	Pg	8:21:01.12		0.13	
			Sg	21:13.43		-2.29	

571.

2022-04-01 time: 8:45:57.32 UTC ML= 1.3
 lat: 47.573N lon: 18.707E h= 0.0 km
 erh= 1.8km erz= 632km
 nr= 13 gap=130 rms=0.54
 Locality: Tök
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
BUD	25.8	113	Sg	8:46:04.62		-0.91	
PKSG	31.2	230	Pg	8:46:03.31		0.41	
			Sg	46:06.99		-0.26	
CSKK	41.0	235	Pg	8:46:04.57		-0.07	
			Sg	46:09.78		-0.57	
PKST	61.6	235	Pg	8:46:08.91		0.58	
			Sg	46:16.09		-0.82	
PKB1	87.9	176	Pg	8:46:13.11		0.09	
			Sg	46:24.82		-0.45	
PSZ	97.0	67	Pg	8:46:15.27		0.64	
			Sg	46:27.69		-0.45	
VYHS	102.8	5	Pg	8:46:16.05		0.37	
			Sg	46:28.32		-1.69	

572.

2022-04-02 time: 3:49:28.21 UTC ML= 1.2
 lat: 47.967N lon: 20.364E h= 0.1 km
 erh= 2.2km erz= 418km
 nr= 6 gap=200 rms=0.23
 Locality: Szarvaskó
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PSZ	35.5	261	PgU	3:49:34.75		0.20	
			Sg	49:38.91		-0.58	
KECS	58.0	9	Pg	3:49:38.75		0.18	
			Sg	49:46.51		-0.15	
ABAH	74.7	61	Pg	3:49:41.38		-0.17	
			Sg	49:52.08		0.13	

Hypocenter Parameters

573.

2022-04-02 time: 8:09:48.95 UTC ML= 1.4
 lat: 46.182N lon: 18.270E h= 0.0 km
 erh= 1.2km erz= 3.1km
 nr= 18 gap=101 rms=0.62
 Locality: Mánfa
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	16.8	232	PgU	8:09:52.17		0.22	
			Sg	09:54.68		0.39	
PKSM	28.8	83	Pg	8:09:54.05		-0.05	
			Sg	09:58.05		-0.07	
MORH	29.1	83	Pg	8:09:54.17		0.02	
			Sg	09:57.97		-0.24	
PKSV	32.7	182	Pg	8:09:54.72		-0.07	
			Sg	09:58.95		-0.38	
PKB4	43.4	36	Pg	8:09:57.89		1.19	
			Sg	10:03.11		0.37	
PKS9	45.0	1	Sg	8:10:04.24		0.98	
PKB1	78.0	31	Sg	8:10:13.85		0.09	
PKS2	80.4	65	Sg	8:10:14.63		0.13	
PKB2	92.6	54	Sg	8:10:17.69		-0.69	
PKST	121.1	351	Sg	8:10:26.47		-0.97	
MPLH	123.3	333	Sg	8:10:27.49		-0.64	
CSKK	131.3	360	Sn	8:10:29.05		-1.56	
PKSG	134.8	4	Sn	8:10:29.29		-2.10	

574.

2022-04-02 time: 8:22:07.76 UTC ML= 2.2
 lat: 45.617N lon: 16.035E h= 11.3 km
 erh= 1.9km erz= 1.0km
 nr= 16 gap=217 rms=0.38
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZAG	23.8	352	Pg	8:22:12.67		0.20	
			Sg	22:16.43		0.29	
PTJ	32.1	349	Pg	8:22:13.53		-0.30	
			Sg	22:18.08		-0.49	
CRES	50.7	297	Pg	8:22:16.75		-0.29	
			Sg	22:24.43		0.16	
KOGS	93.9	10	Pg	8:22:25.06		0.41	
			Sg	22:37.64		-0.19	
GROS	102.5	336	P*	8:22:26.46		0.41	
			S*	22:39.83		-0.48	
PERS	133.7	328	Sn	8:22:47.11		-0.28	
SOKA	141.1	327	Sn	8:22:49.61		0.57	
KOVH	168.7	72	Sn	8:22:54.50		-0.66	
PKSV	175.1	80	Sn	8:22:55.91		-0.67	
PKSM	212.7	72	Sn	8:23:05.47		0.54	
MORH	213.1	72	Sn	8:23:05.47		0.47	

575.

2022-04-02 time: 14:42:05.78 UTC ML= 1.4
 lat: 47.848N lon: 18.758E h= 0.0 km
 erh= 1.5km erz= 709km
 nr= 18 gap= 80 rms=0.63
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SRO	33.5	263	Pg	14:42:12.36		0.60	
			Sg	42:16.63		0.20	
A338	35.5	302	PgU	14:42:12.79		0.67	
			Sg	42:17.58		0.51	
PENC	39.7	99	Pg	14:42:13.61		0.74	
			Sg	42:18.93		0.52	
BUD	45.2	154	Sg	14:42:19.73		-0.40	
PKSG	57.7	209	Pg	14:42:16.28		0.19	
			Sg	42:23.83		-0.30	

Hypocenter Parameters

CSKK	65.6	215	Pg	14:42:17.77	0.28
			Sg	42:25.94	-0.69
VYHS	72.1	5	Pg	14:42:18.55	-0.10
			Sg	42:26.97	-1.72
PKST	85.2	220	Sg	14:42:31.80	-1.05
PSZ	85.4	85	Pg	14:42:20.71	-0.31
			Sg	42:31.64	-1.28
EGYH	117.4	246	Pg	14:42:26.69	-0.05
			Sg	42:40.11	-2.98*

576.

2022-04-03 time: 15:32:54.44 UTC ML= 2.1
 lat: 46.260N lon: 16.419E h= 12.6 km
 erh= 1.9km erz= 1.3km
 nr= 10 gap=139 rms=0.41
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOGS	24.6	328	Sg	15:33:02.69			-0.52
BEHE	36.1	50	Sg	15:33:06.77			0.20
GROS	74.0	288	Pg	15:33:08.18			0.34
			Sg	33:18.92			0.63
CRES	88.7	237	Pg	15:33:10.41			-0.03
			Sg	33:21.59			-1.33
PERS	108.4	293	Pn	15:33:13.51			0.13
			Sn	33:27.62			-0.53
ARSA	129.6	328	Sn	15:33:32.95			0.09
KOVH	131.2	98	Sn	15:33:33.03			-0.19

577.

2022-04-03 time: 17:23:16.47 UTC ML= 2.0
 lat: 46.223N lon: 16.406E h= 11.6 km
 erh= 3.5km erz= 1.7km
 nr= 11 gap=265 rms=0.45
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOGS	27.8	334	Sg	17:23:25.25			-0.78
GOLS	64.9	249	iPg	17:23:28.29			0.06
			iSg	23:36.92			-0.49
GROS	74.5	291	Pg	17:23:30.59			0.66
			Sg	23:41.17			0.74
CRES	85.7	239	Pg	17:23:31.91			-0.01
			Sg	23:43.59			-0.38
PERS	109.3	295	Pn	17:23:35.87			0.22
			Sn	23:49.98			-0.63
SOKA	117.1	296	Sn	17:23:52.62			0.28
ARSA	132.7	329	Sn	17:23:55.40			-0.41

578.

2022-04-03 time: 21:35:00.30 UTC ML= 1.8
 lat: 46.234N lon: 16.422E h= 12.1 km
 erh= 1.6km erz= 1.1km
 nr= 15 gap=142 rms=0.42
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOGS	27.2	331	Pg	21:35:05.49			-0.13
			Sg	35:09.34			-0.43
BEHE	37.8	46	Pg	21:35:07.50			0.10
			Sg	35:13.02			0.09
GOLS	66.4	248	iPg	21:35:11.83			-0.53
DOBS	74.1	263	iPg	21:35:12.99			-0.73
GROS	75.2	290	Pg	21:35:14.75			0.85
			Sg	35:24.66			0.16
CRES	87.4	239	Pg	21:35:16.31			0.25
			Sg	35:28.73			0.38
PERS	109.8	294	Pn	21:35:19.91			0.43
			Sn	35:34.10			-0.33

Földrengés paraméterek

SOKA	117.6	295	Sn	21:35:36.10	-0.06
KOVH	130.6	97	Sn	21:35:38.93	-0.13
ARSA	132.2	329	Sn	21:35:39.32	-0.09

579.

2022-04-03 time: 21:45:48.49 UTC ML= 1.4
 lat: 45.586N lon: 18.620E h= 9.5 km
 erh= 4.5km erz= 4.4km
 nr= 12 gap=201 rms=0.78
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSV	44.1	320	Sg	21:46:02.04			-0.80
KOVH	68.9	324	Pg	21:46:01.82			0.91
			Sg	46:09.04			-1.56
PKSM	69.6	1	Pg	21:46:00.96			-0.07
			Sg	46:10.53			-0.28
MORH	70.0	2	Pg	21:46:01.25			0.14
			Sg	46:10.29			-0.66
PKB4	101.2	359	Pg	21:46:07.64			1.00
			Sg	46:20.17			-0.63
PKB3	103.2	26	Sg	21:46:22.44			1.00
FRGS	105.9	118	S*	21:46:21.01			-1.24
PKB5	112.5	5	Sn	21:46:23.81			0.00

580.

2022-04-04 time: 7:25:05.95 UTC ML= 1.6
 lat: 48.378N lon: 17.322E h= 0.0 km
 erh= 4.4km erz= ***km
 nr= 9 gap=198 rms=0.80
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	3.3	261	PgU	7:25:07.35			0.80
			Sg	25:08.64			1.63
SMOL	17.0	28	Pg	7:25:08.92			-0.07
			Sg	25:11.39			0.03
KRUC	102.1	318	Pg	7:25:23.58			-0.61
			Sg	25:37.34			-1.07
RONA	107.4	225	Pg	7:25:25.81			0.68
			Sg	25:39.14			-0.96
CONA	119.6	245	Sg	7:25:42.90			-1.07

581.

2022-04-04 time: 8:06:11.98 UTC ML= 1.7
 lat: 48.107N lon: 21.338E h= 0.0 km
 erh= 3.9km erz= ***km
 nr= 8 gap=171 rms=0.74
 Locality: Tarcal
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	22.2	341	Pg	8:06:16.56			0.61
			Sg	06:19.01			-0.04
KECS	75.8	303	Sg	8:06:34.76			-1.31
TRPA	89.5	88	Pg	8:06:27.72			-0.25
			Sg	06:40.25			-0.18
PSZ	109.7	259	Sg	8:06:46.62			-0.24
KOLS	114.9	37	Pg	8:06:33.60			1.09
			Sg	06:47.32			-1.20

Földrengés paraméterek

582.

2022-04-04 time: 8:28:46.60 UTC ML= 1.7
 lat: 48.528N lon: 17.409E h= 0.0 km
 erh= 1.9km erz= 3.0km
 nr= 9 gap=189 rms=0.46
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	2.2	138	Pg	8:28:46.93		-0.06	
			Sg	28:47.01		-0.28	
MODS	19.8	210	Pg	8:28:50.33		0.20	
			Sg	28:53.20		0.32	
KRUC	95.2	309	Pg	8:29:04.37		0.77	
			Sg	29:16.45		-0.42	
RONA	123.9	222	Pg	8:29:08.65		-0.08	
CONA	132.9	240	Pn	8:29:09.66		-0.54	
			Sn	29:26.68		-1.94	

583.

2022-04-04 time: 8:42:45.71 UTC ML= 0.7
 lat: 47.879N lon: 16.082E h= 0.0 km
 erh= 1.9km erz= 3.3km
 nr= 6 gap=131 rms=0.75
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	17.4	288	Pg	8:42:48.95		0.14	
			Sg	42:51.85		0.62	
RONA	25.6	141	Pg	8:42:50.67		0.39	
			Sg	42:54.28		0.43	
ARSA	81.6	211	Sg	8:43:10.82		-0.82	
KRUC	133.5	10	Sn	8:43:25.79		-2.07	

584.

2022-04-04 time: 9:51:23.26 UTC ML= 2.1
 lat: 48.604N lon: 20.727E h= 0.0 km
 erh= 2.9km erz= ***km
 nr= 9 gap= 91 rms=0.79
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	22.3	233	Pg	9:51:27.56		0.32	
			Sg	51:30.46		0.11	
ABAH	51.0	132	Pg	9:51:32.89		0.51	
			Sg	51:39.32		-0.16	
NIE	95.6	342	Sg	9:51:52.96		-0.69	
PSZ	98.1	219	Sg	9:51:52.96		-1.49	
LANS	110.6	303	Pg	9:51:44.10		1.09	
			Sg	51:57.97		-0.45	
KOLS	119.4	72	Sg	9:51:59.70		-1.52	

585.

2022-04-04 time: 13:48:49.62 UTC ML= 0.9
 lat: 47.898N lon: 16.073E h= 0.0 km
 erh= 0.4km erz= 0.7km
 nr= 6 gap=132 rms=0.36
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	16.1	282	Pg	13:48:52.70		0.20	
			Sg	48:55.05		0.30	
RONA	27.7	143	Pg	13:48:54.66		0.10	
			Sg	48:58.34		-0.08	
ARSA	83.0	210	Sg	13:49:15.67		-0.34	
KRUC	131.6	10	Sn	13:49:30.01		-1.33	

Hypocenter Parameters

586.

2022-04-05 time: 8:13:57.07 UTC ML= 1.3
 lat: 47.940N lon: 20.398E h= 0.0 km
 erh= 6.5km erz= ***km
 nr= 6 gap=209 rms=0.67
 Locality: Felsőtárkány
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	37.7	266	Pg	8:14:04.29		0.49	
			Sg	14:08.05		-1.00	
KECS	60.8	6	Pg	8:14:08.87		0.95	
			Sg	14:15.89		-0.50	
ABAH	74.1	58	Pg	8:14:09.83		-0.48	
			Sg	14:20.26		-0.38	

587.

2022-04-05 time: 9:21:41.99 UTC ML= 2.1
 lat: 48.716N lon: 18.676E h= 0.0 km
 erh= 1.6km erz= 1.8km
 nr= 27 gap= 85 rms=0.77
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	27.4	154	Pg	9:21:47.44		0.55	
			Sg	21:50.73		0.02	
LANS	75.5	50	Pg	9:21:55.90		0.43	
			Sg	22:06.41		0.43	
A338	81.6	197	Pg	9:21:57.16		0.60	
			Sg	22:07.90		-0.03	
SMOL	94.7	256	Sg	9:22:11.98		-0.12	
SRO	104.0	195	Pg	9:22:01.78		1.22	
			Sg	22:16.05		1.01	
MODS	110.1	250	Pg	9:22:01.47		-0.18	
			Sg	22:15.82		-1.17	
PENC	112.4	156	Pg	9:22:02.88		0.82	
			Sg	22:16.29		-1.42	
PSZ	126.7	134	Pg	9:22:04.29		-0.32	
			Sg	22:19.50		-2.75	
KECS	136.0	101	Pn	9:22:05.47		-0.51	
			Sn	22:21.38		-3.31	
MORC	143.9	325	Pn	9:22:07.35		0.38	
			Sn	22:25.62		-0.84	
PKSG	148.8	188	Pn	9:22:07.74		0.16	
			Sn	22:26.09		-1.45	
CSKK	153.6	192	Pn	9:22:08.37		0.19	
			Sn	22:27.11		-1.50	
PKST	169.0	196	Pn	9:22:10.17		0.07	
			Sn	22:30.79		-1.23	
KRUC	171.6	283	Sn	9:22:31.73		-0.88	
MPLH	191.8	206	Sn	9:22:36.91		-0.16	

588.

2022-04-05 time: 10:17:31.19 UTC ML= 0.7
 lat: 47.237N lon: 18.258E h= 0.0 km
 erh= 1.8km erz= 469km
 nr= 7 gap=125 rms=0.31
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	14.0	1	Pg	10:17:34.07		0.38	
			Sg	17:35.70		0.07	
PKST	17.1	278	Pg	10:17:34.31		0.06	
			Sg	17:36.00		-0.63	
PKSG	19.9	30	Pg	10:17:34.78		0.04	
			Sg	17:36.78		-0.73	
PKB5	80.2	153	Pg	10:17:45.53		0.03	

Hypocenter Parameters

589.

2022-04-05 time: 10:26:35.37 UTC ML= 1.6
 lat: 45.671N lon: 17.259E h= 0.0 km
 erh= 5.0km erz= 4.1km
 nr= 12 gap=204 rms=0.78
 Locality: Croatia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	80.1	55	Pg	10:26:50.80			1.12
			Sg	27:01.38			0.54
PKSV	81.0	73	Pg	10:26:50.47			0.64
			Sg	27:00.60			-0.51
KOGS	116.5	318	Sg	10:27:13.34			0.95
PKSM	122.9	61	Pg	10:26:57.16			-0.17
			Sg	27:12.80			-1.65
MORH	123.3	61	Pg	10:26:57.16			-0.24
			Sg	27:13.35			-1.23
PKB4	138.7	49	Sn	10:27:18.75			0.06
CRES	141.3	277	Pn	10:26:59.72			-0.30
			Sn	27:17.93			-1.32

590.

2022-04-05 time: 10:35:37.11 UTC ML= 1.5
 lat: 48.725N lon: 21.231E h= 0.0 km
 erh= 4.1km erz= 6.8km
 nr= 7 gap=165 rms=0.84
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	47.7	179	Sg	10:35:51.67			-0.61
KECS	61.2	244	Pg	10:35:49.20			1.16
			Sg	35:56.37			-0.19
NIE	102.2	319	Sg	10:36:09.23			-0.38
TRPA	117.2	124	Pg	10:35:58.57			0.52
			Sg	36:13.07			-1.31
LANS	137.6	290	Sn	10:36:19.11			-1.06

591.

2022-04-05 time: 11:16:50.97 UTC ML= 1.8
 lat: 47.299N lon: 18.473E h= 0.0 km
 erh= 2.7km erz= 806km
 nr= 7 gap=120 rms=0.53
 Locality: Pátka
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	12.0	329	PgU	11:16:53.35			0.23
			Sg	16:53.71			-1.08
CSKK	17.5	294	Pg	11:16:54.70			0.59
			Sg	16:55.96			-0.59
MORH	121.1	174	Sg	11:17:29.00			-0.48
PKSM	121.6	174	Sg	11:17:29.94			0.33
PSZ	127.2	57	Sg	11:17:31.35			-0.04

592.

2022-04-05 time: 23:54:11.79 UTC ML= 2.3
 lat: 45.591N lon: 16.104E h= 8.3 km
 erh= 2.6km erz= 2.0km
 nr= 34 gap=136 rms=0.90
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZAG	27.8	342	Pg	23:54:17.43			0.45
			Sg	54:21.66			0.64
PTJ	36.2	342	Pg	23:54:18.45			0.03
			Sg	54:23.02			-0.58
CRES	56.8	297	Pg	23:54:21.62			-0.41

Földrengés paraméterek

			Sg	54:30.30	0.28
KOGS	96.0	7	Pg	23:54:28.79	-0.21
			Sg	54:42.60	0.18
GROS	107.4	334	Pg	23:54:31.34	0.32
			Sg	54:43.44	-2.59
BEHE	110.7	28	Pn	23:54:31.39	-0.19
			Sn	54:45.74	-1.27
BLY	126.3	138	Pn	23:54:32.93	-0.59
			Sn	54:48.83	-1.64
PERS	139.0	327	Pn	23:54:34.60	-0.50
			Sn	54:51.71	-1.57
SOKA	146.5	326	Pn	23:54:35.90	-0.14
			Sn	54:53.18	-1.77
OBKA	157.8	310	Pn	23:54:38.26	0.81
			Sn	54:58.78	1.32
KOVH	164.7	70	Pn	23:54:37.34	-0.96
			Sn	54:59.46	0.48
PKSV	170.5	79	Pn	23:54:39.31	0.29
			Sn	55:00.95	0.68
TRI	182.8	274	Pn	23:54:42.37	1.80
			Sn	55:05.55	2.54
ARSA	189.8	346	Sn	23:55:07.58	3.01
PKSM	208.7	71	Pn	23:54:43.89	0.10
			Sn	55:11.20	2.45
MORH	209.0	71	Pn	23:54:44.18	0.35
			Sn	55:11.50	2.67
RONA	234.9	4	Pn	23:54:47.97	0.91
SOP	235.2	9	Pn	23:54:47.86	0.76
MOA	287.7	331	Sn	23:55:26.06	-0.24

593.

2022-04-06 time: 2:03:26.67 UTC ML= 1.5
 lat: 45.511N lon: 20.993E h= 13.6 km
 erh= 2.6km erz= 1.8km
 nr= 14 gap=146 rms=0.64
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
BANR	18.1	142	PgU	2:03:30.66			-0.06
			Sg	03:33.81			-0.06
BZS	50.0	76	Pg	2:03:36.16			0.23
			Sg	03:42.75			-0.40
SURR	92.2	73	P*C	2:03:43.46			0.28
			S*	03:55.40			-0.65
SIRR	98.7	32	S*	2:03:56.81			-0.99
MDVR	98.9	145	P*C	2:03:43.96			-0.23
			S*	03:56.30			-1.56
FRGS	101.8	246	P*	2:03:45.09			0.46
			S*	03:57.80			-0.83
HERR	131.9	122	PnD	2:03:49.32			0.90
			Sn	04:06.70			1.32
GZR	140.1	95	Sn	2:04:07.98			0.78

594.

2022-04-06 time: 7:19:38.64 UTC ML= 1.1
 lat: 46.120N lon: 18.069E h= 0.0 km
 erh= 0.5km erz=91.1km
 nr= 9 gap=253 rms=0.08
 Locality: Abaliget
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	4.3	147	PgU	7:19:39.42			0.02
			Sg	19:40.05			0.05
PKSV	29.4	151	Pg	7:19:43.86			-0.03
			Sg	19:47.73			-0.26
PKSM	45.3	77	PgU	7:19:46.75			0.01
			Sg	19:52.98			-0.07
MORH	45.6	77	Pg	7:19:46.87			0.08
			Sg	19:53.17			0.02
PKB4	58.7	45	Pg	7:19:49.16			0.04

Földrengés paraméterek

595.

2022-04-06 time: 7:29:27.17 UTC ML= 1.2
 lat: 47.284N lon: 18.356E h= 0.0 km
 erh= 1.1km erz= 1.6km
 nr= 11 gap=111 rms=0.34
 Locality: Magyaralmás
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	11.4	321	Pg	7:29:	29	41	0.21
			Sg	29:30	65	-0.13	
PKSG	12.3	12	Pg	7:29:	29	52	0.16
			Sg	29:30	79	-0.28	
PKST	24.5	263	Pg	7:29:	31	57	0.03
			Sg	29:35	04	0.10	
MORH	120.8	169	Sg	7:30:	05	16	-0.39
PKSM	121.2	170	Sg	7:30:	06	21	0.53
KOVH	134.3	188	Sn	7:30:	08	72	-0.78
PSZ	135.5	59	Sn	7:30:	09	98	0.22
VYHS	139.3	15	Sn	7:30:	09	04	-1.55

596.

2022-04-06 time: 7:58:38.60 UTC ML= 1.5
 lat: 48.510N lon: 17.496E h= 0.0 km
 erh= 2.6km erz= 664km
 nr= 7 gap=144 rms=0.43
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	5.0	275	PgU	7:58:	39	34	-0.16
			Sg	58:40	01	-0.19	
MODS	22.2	227	Pg	7:58:	42	85	0.29
			Sg	58:45	34	-0.31	
VYHS	99.0	91	Sg	7:59:	09	74	-0.34
KRUC	101.6	307	Pg	7:58:	57	43	0.69
			Sg	59:10	13	-0.76	

597.

2022-04-06 time: 8:22:38.82 UTC ML= 2.1
 lat: 48.566N lon: 20.725E h= 0.0 km
 erh= 3.4km erz= 6.8km
 nr= 10 gap= 92 rms=1.14
 Locality: Komjáti
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	19.9	242	Pg	8:22:	42	87	0.49
			Sg	22:46	14	0.98	
ABAH	48.5	128	Sg	8:22:	54	12	-0.13
PSZ	94.8	221	Sg	8:23:	09	07	0.10
NIE	99.5	342	Pg	8:22:	58	20	1.61
			Sg	23:10	35	-0.09	
LANS	112.8	305	Pg	8:22:	59	14	0.17
			Sg	23:12	66	-2.02	
KOLS	121.0	70	Sg	8:23:	15	48	-1.79
VYHS	139.7	267	Sn	8:23:	20	42	-1.93

598.

2022-04-06 time: 8:44:52.38 UTC ML= 1.5
 lat: 48.554N lon: 19.315E h= 0.0 km
 erh= 3.6km erz= ***km
 nr= 11 gap=110 rms=1.15
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	36.0	259	Pg	8:44:	59	48	0.67
			Sg	45:04	11	0.29	
LANS	67.3	10	Sg	8:45:	13	09	-0.68

Hypocenter Parameters

PSZ	82.7	149	Pg	8:45:08.97	1.82
			Sg	45:17.43	-1.24
PENC	84.9	182	Pg	8:45:08.46	0.92
			Sg	45:18.26	-1.11
KECS	86.8	95	Pg	8:45:08.23	0.35
			Sg	45:18.69	-1.28
A338	93.2	230	Sg	8:45:20.46	-1.55
NIE	120.8	37	Sg	8:45:28.85	-1.92

599.

2022-04-06 time: 8:53:43.49 UTC ML= 1.6
 lat: 48.699N lon: 19.971E h= 0.0 km
 erh= 2.7km erz= 969km
 nr= 10 gap=105 rms=0.76
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	44.9	122	Pg	8:53:52.30	0.79		
			Sg	53:57.00	-0.77		
LANS	62.3	324	Pg	8:53:55.27	0.66		
			Sg	54:02.48	-0.81		
NIE	83.9	17	Pg	8:53:58.87	0.40		
			Sg	54:08.91	-1.24		
VYHS	86.8	255	Pg	8:53:59.46	0.48		
			Sg	54:09.39	-1.68		
PSZ	87.0	184	Pg	8:53:59.12	0.10		
			Sg	54:10.25	-0.89		

600.

2022-04-06 time: 9:14:46.73 UTC ML= 0.9
 lat: 47.207N lon: 18.305E h= 0.0 km
 erh= 1.7km erz= 535km
 nr= 10 gap=149 rms=0.42
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	17.7	349	Pg	9:14:50.40	0.52		
			Sg	14:51.85	-0.50		
PKST	21.3	286	Pg	9:14:50.48	-0.05		
			Sg	14:53.10	-0.39		
PKSG	21.5	18	Pg	9:14:50.79	0.21		
			Sg	14:53.26	-0.32		
MPLH	58.1	266	Pg	9:14:56.98	-0.13		
			Sg	15:06.00	0.79		
MORH	113.2	167	Sg	9:15:22.66	-0.05		
KOVH	125.3	187	Sg	9:15:25.36	-1.21		

601.

2022-04-06 time: 10:26:56.07 UTC ML= 1.2
 lat: 46.026N lon: 18.456E h= 0.0 km
 erh= 4.4km erz= 922km
 nr= 12 gap=192 rms=0.76
 Locality: Máriakéménd
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	22.0	226	Pg	10:26:59.73	-0.26		
			Sg	27:03.22	0.17		
PKSM	25.2	35	Pg	10:27:00.00	-0.56		
			Sg	27:02.81	-1.26		
MORH	25.7	34	Pg	10:27:00.20	-0.45		
			Sg	27:04.08	-0.15		
KOVH	28.5	284	Pg	10:27:00.90	-0.25		
			Sg	27:05.06	-0.06		
PKB4	53.6	12	Pg	10:27:07.45	1.82		
			Sg	27:08.34	-4.75*		
PKB5	66.9	19	Pg	10:27:08.53	0.52		
PKB1	88.2	17	Pg	10:27:11.96	0.14		

Hypocenter Parameters

602.

2022-04-06 time: 11:00:03.03 UTC ML= 1.7
 lat: 48.151N lon: 18.987E h= 0.0 km
 erh= 2.2km erz= ***km
 nr= 17 gap= 88 rms=0.90
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	39.8	344	Pg	11:00	:10.82		0.69
			Sg		:15.76		0.09
PENC	45.7	151	Pg	11:00	:12.23		1.05
			Sg		:17.90		0.35
A338	49.7	252	Sg	11:00	:19.17		0.36
SRO	62.8	233	Pg	11:00	:14.66		0.42
			Sg		:22.13		-0.85
PSZ	72.4	111	Pg	11:00	:16.64		0.68
			Sg		:25.11		-0.93
CSKK	103.2	212	Pg	11:00	:22.19		0.74
			Sg		:34.28		-1.53
KECS	117.1	72	Pg	11:00	:24.11		0.17
			Sg		:38.44		-1.81
PKST	122.3	216	Pg	11:00	:24.80		-0.06
			Sg		:39.14		-2.75
MODS	129.4	281	Pg	11:00	:25.85		-0.28
			Sg		:41.97		-2.18

603.

2022-04-06 time: 11:30:25.27 UTC ML= 1.5
 lat: 48.096N lon: 19.020E h= 0.0 km
 erh= 3.0km erz= 8.6km
 nr= 11 gap= 86 rms=1.20
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	39.2	150	Sg	11:30	:39.10		1.36
VYHS	46.3	343	Pg	11:30	:34.97		1.44
			Sg		:39.36		-0.62
A338	50.6	260	Pg	11:30	:35.40		1.10
			Sg		:41.17		-0.17
SRO	61.4	239	Sg	11:30	:45.06		0.26
PSZ	68.2	107	Sg	11:30	:45.45		-1.50
KECS	117.0	68	Pg	11:30	:46.00		-0.16
			Sg		:01.24		-1.21
PKST	118.9	218	Sg	11:31	:01.55		-1.52
MODS	133.1	283	Sn	11:31	:04.37		-2.95

604.

2022-04-06 time: 13:53:54.08 UTC ML= 1.2
 lat: 47.781N lon: 16.335E h= 15.7 km
 erh= 1.6km erz= 1.1km
 nr= 14 gap= 76 rms=0.45
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	9.5	198	PgD	13:53	:57.56		0.20
			Sg		:53.59	.52	-0.40
SOP	20.0	123	Pg	13:53	:58.81		0.19
			Sg		:01.77		-0.39
CONA	39.0	295	Pg	13:54	:01.82		0.23
			Sg		:06.92		-0.53
WINA	41.2	332	Pg	13:54	:02.47		0.51
			Sg		:07.71		-0.39
ARSA	84.9	226	S*	13:54	:20.29		-0.84
MODS	96.3	47	P*	13:54	:11.24		0.24
			S*		:23.07		-1.13
ABNA	119.5	326	Sn	13:54	:29.81		0.28
KRUC	142.5	2	Pn	13:54	:17.39		0.52
			Sn		:34.13		-0.51

Földrengés paraméterek

605.

2022-04-06 time: 15:00:54.94 UTC ML= 2.8
 lat: 45.587N lon: 16.088E h= 8.8 km
 erh= 1.6km erz= 1.1km
 nr= 49 gap=137 rms=0.65
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZAG	27.9	345	Pg	15:01	:00.44		0.28
			Sg		:01.04	.43	0.20
PTJ	36.2	344	Pg	15:01	:01.36		-0.24
			Sg		:01.06	.30	-0.49
GCIS	47.5	311	iPgC	15:01	:03.68		0.12
			iSg		:10.40		0.11
CRES	55.9	298	PgU	15:01	:04.83		-0.21
			Sg		:12.83		-0.09
GOLS	59.3	323	ePg	15:01	:05.91		0.26
			iSg		:13.42		-0.58
CESS	64.8	311	ePg	15:01	:06.96		0.33
			eSg		:15.14		-0.60
KOGS	96.5	7	Pg	15:01	:12.39		0.14
			Sg		:25.48		-0.27
PDKS	99.8	302	ePg	15:01	:12.91		0.08
			eSg		:24.90		-1.88
GROS	107.2	335	Pg	15:01	:14.39		0.24
			Sg		:27.14		-1.99
BEHE	111.6	28	Pn	15:01	:14.43		-0.34
			Sn		:30.37		0.14
BLY	126.9	137	Pn	15:01	:15.97		-0.70
			Sn		:32.52		-1.10
PERS	138.7	327	Pn	15:01	:18.21		0.07
			Sn		:35.15		-1.08
SOKA	146.1	326	Pn	15:01	:19.46		0.39
			Sn		:36.23		-1.66
OBKA	157.2	311	Pn	15:01	:21.22		0.78
			Sn		:41.30		0.97
KOVH	165.9	70	Pn	15:01	:21.42		-0.11
			Sn		:41.95		-0.33
PKSV	171.7	79	Pn	15:01	:23.65		1.39
			Sn		:43.45		-0.12
TRI	181.7	274	Sn	15:01	:47.10		1.33
ARSA	189.9	347	Sn	15:01	:48.97		1.36
PKS9	202.6	57	Sn	15:01	:53.46		3.03*
PKSM	210.0	71	Pn	15:01	:26.92		-0.11
			Sn		:55.11		3.06*
MORH	210.3	71	Pn	15:01	:26.16		-0.91
PKB4	219.4	63	Pn	15:01	:29.15		0.95
			Sn		:57.85		3.70*
MYKA	221.8	301	Sn	15:01	:56.16		1.47
RONA	235.4	4	Pn	15:01	:31.17		0.98
CONA	260.8	356	Pn	15:01	:33.86		0.49
			Sn		:02.02	.33	-1.01
KBA	268.5	308	Pn	15:01	:35.08		0.75
			Sn		:05.29		0.24
WINA	280.2	360	Pn	15:01	:36.26		0.48
			Sn		:06.23		-1.40
MOA	287.5	331	Pn	15:01	:36.92		0.23
			Sn		:08.44		-0.82
BIOA	299.8	321	Sn	15:02	:10.67		-1.33*

606.

2022-04-06 time: 17:04:03.33 UTC ML= 2.3
 lat: 48.712N lon: 19.255E h= 3.7 km
 erh= 1.5km erz= 1.6km
 nr= 45 gap= 60 rms=0.84
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
VYHS	39.3	232	Pg	17:04	:10.86		0.48
			Sg		:15.85		-0.03
LANS	51.2	18	PgU	17:04	:12.26		-0.23

Földrengés paraméterek

		Sg	04:17.93	-1.70
KECS	94.3 106	Pg	17:04:19.73	-0.45
		Sg	04:31.30	-2.02
PSZ	100.2 152	Pg	17:04:21.73	0.49
		Sg	04:34.10	-1.11
A338	102.4 221	Pg	17:04:22.08	0.45
		Sg	04:34.99	-0.91
PENC	102.5 179	Pg	17:04:21.85	0.20
		Sg	04:35.09	-0.85
NIE	110.2 45	Pg	17:04:23.20	0.17
		Sg	04:35.59	-2.80
SRO	122.0 215	Pn	17:04:25.56	0.45
		Sn	04:40.28	-1.81
SMOL	136.5 261	Pn	17:04:27.40	0.49
		Sn	04:43.91	-1.40
BUD	137.7 187	Pn	17:04:27.43	0.36
MODS	150.8 256	Pn	17:04:28.54	-0.16
		Sn	04:47.23	-1.26
ABAH	153.8 108	Pn	17:04:30.60	1.53
		Sn	04:48.33	-0.81
PKSG	160.4 204	Sn	17:04:50.30	-0.31
STHS	165.1 62	Pn	17:04:31.95	1.47
		Sn	04:52.58	0.93
CSKK	167.4 206	Pn	17:04:31.05	0.29
		Sn	04:52.40	0.24
MORC	171.9 314	Pn	17:04:31.58	0.25
		Sn	04:52.30	-0.88
OJC	172.2 13	Pn	17:04:31.91	0.55
		Sn	04:52.94	-0.29
PKST	185.5 209	Pn	17:04:34.10	1.07
KRUC	213.3 280	Pn	17:04:35.94	-0.55
KRLC	235.0 310	Pn	17:04:40.07	0.87
		Sn	05:06.47	-0.70
PKB5	238.6 189	Pn	17:04:41.30	1.65
WINA	245.0 254	Pn	17:04:39.77	-0.67
		Sn	05:07.51	-1.88
RONA	247.1 243	Pn	17:04:41.32	0.62
TRPA	251.5 105	Pn	17:04:41.64	0.38
CONA	266.4 251	Pn	17:04:42.83	-0.28
		Sn	05:11.55	-2.58
ABNA	281.4 269	Pn	17:04:44.21	-0.78
		Sn	05:15.42	-2.06

607.

2022-04-07 time: 7:13:25.75 UTC ML= 1.4
lat: 48.080N lon: 20.678E h= 0.0 km
erh= 0.6km erz= 2.3km
nr= 7 gap=193 rms=0.16
Locality: Bükkzentlászló
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	47.0	342	Pg	7:13:34.28	0.13		
			Sg	13:40.71	0.01		
ABAH	48.2	60	Pg	7:13:34.28	-0.07		
			Sg	13:40.87	-0.18		
PSZ	61.2	253	Pg	7:13:36.79	0.12		
			Sg	13:45.10	-0.09		
VYHS	144.2	289	Sn	7:14:09.09	-1.19		

608.

2022-04-07 time: 8:17:35.12 UTC ML= 0.6
lat: 47.203N lon: 18.208E h= 0.0 km
erh= 1.1km erz= 364km
nr= 9 gap=130 rms=0.28
Locality: Csór
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	14.5	295	PgU	8:17:37.90	0.18		
			Sg	17:39.21	-0.53		
CSKK	18.2	13	Pg	8:17:38.39	0.02		
			Sg	17:40.35	-0.56		

156

Hypocenter Parameters

PKSG	25.1	33	Pg	8:17:40.00	0.39
			Sg	17:43.05	-0.05
MORH	114.7	163	Sg	8:18:11.57	-0.02
PKSM	115.1	163	Sg	8:18:11.73	0.02
KOVH	124.2	184	Sg	8:18:14.41	-0.20

609.

2022-04-07 time: 8:18:29.44 UTC ML= 1.9
lat: 48.423N lon: 17.276E h= 0.0 km
erh= 0.7km erz= 189km
nr= 6 gap=138 rms=0.12
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	5.5	179	PgU	8:18:30.45	0.03		
			Sg	18:31.08	-0.11		
SMOL	15.1	48	PgD	8:18:32.04	-0.09		
			Sg	18:34.57	0.33		
KRUC	96.1	318	Pg	8:18:46.56	-0.04		
			Sg	19:00.13	0.14		

610.

2022-04-07 time: 8:34:06.80 UTC ML= 1.7
lat: 48.960N lon: 19.816E h= 0.0 km
erh= 2.1km erz= 788km
nr= 10 gap= 90 rms=0.61
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
LANS	33.1	310	Pg	8:34:12.65	-0.06		
			Sg	34:16.36	-0.96		
NIE	62.6	35	Pg	8:34:18.08	0.10		
			Sg	34:26.86	0.15		
KECS	72.4	137	Pg	8:34:20.42	0.70		
			Sg	34:29.59	-0.21		
VYHS	88.7	234	Pg	8:34:23.16	0.52		
			Sg	34:35.31	0.31		
PSZ	115.9	177	Sg	8:34:42.37	-1.28		
ABAH	128.3	125	Sg	8:34:46.20	-1.38		

611.

2022-04-07 time: 9:18:27.15 UTC ML= 1.5
lat: 48.572N lon: 20.764E h= 0.0 km
erh= 3.2km erz= 5.2km
nr= 9 gap=150 rms=0.85
Locality: Tornanádaska
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	22.8	244	Pg	9:18:31.69	0.47		
			Sg	18:34.63	0.23		
ABAH	46.6	131	Sg	9:18:41.65	-0.32		
PSZ	97.2	222	Sg	9:18:58.47	0.42		
NIE	99.8	341	Pg	9:18:46.00	1.02		
			Sg	18:58.07	-0.81		
LANS	114.9	304	Sg	9:19:02.54	-1.12		
VYHS	142.7	267	Pn	9:18:51.92	-0.05		
			Sn	19:08.50	-2.84		

612.

2022-04-07 time: 9:25:22.21 UTC ML= 1.8
lat: 47.329N lon: 18.447E h= 0.0 km
erh= 2.6km erz= 4.1km
nr= 11 gap=114 rms=0.77
Locality: Zámoly
Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
PKSG	8.1	329	PgU	9:25:	23.70		0.04
			Sg	25:	24.03	-0.77	
CSKK	14.6	285	PgU	9:25:	25.17	0.36	
			Sg	25:	26.20	-0.64	
PKST	32.2	256	Pg	9:25:	29.07	1.12	
			Sg	25:	32.10	-0.34	
MORH	124.7	173	Sg	9:26:	01.19	-0.66	
PKSM	125.1	173	Sg	9:26:	00.96	-1.02	
PSZ	127.0	59	Sg	9:26:	03.07	0.49	
VYHS	132.7	13	Sn	9:26:	02.76	-1.43	
KOVH	140.5	191	Sn	9:26:	07.07	1.16	

613.

2022-04-07 time: 9:31:07.39 UTC ML= 0.4
lat: 47.171N lon: 18.301E h= 0.0 km
erh= 2.5km erz= 676km
nr= 8 gap=151 rms=0.48
Locality: Sárkeszi
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	21.6	352	Pg	9:31:	11.09	-0.16	
			Sg	31:	13.59	-0.67	
PKST	22.5	296	Pg	9:31:	12.03	0.63	
			Sg	31:	13.95	-0.58	
PKSG	25.5	15	Pg	9:31:	12.50	0.56	
			Sg	31:	15.24	-0.25	
MORH	109.4	166	Sg	9:31:	42.09	-0.07	
PKSM	109.7	166	Sg	9:31:	41.78	-0.50	

614.

2022-04-07 time: 10:27:45.80 UTC ML= 1.5
lat: 48.364N lon: 19.824E h= 0.0 km
erh= 1.5km erz= 487km
nr= 8 gap=107 rms=0.35
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	49.8	174	Pg	10:27:	54.81	0.11	
			Sg	28:	01.47	-0.17	
KECS	50.8	75	Pg	10:27:	55.12	0.25	
			Sg	28:	02.33	0.39	
VYHS	74.5	281	Sg	10:28:	09.39	-0.10	
ABAH	105.2	94	Sg	10:28:	18.52	-0.74	
NIE	122.7	17	Pg	10:28:	07.86	0.15	
			Sg	28:	24.01	-0.79	

615.

2022-04-07 time: 11:19:47.79 UTC ML= 1.1
lat: 47.527N lon: 18.376E h= 0.0 km
erh= 2.1km erz= 243km
nr= 6 gap=315 rms=0.15
Locality: Vértesomló
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	15.0	176	Pg	11:19:	50.26	-0.21	
			Sg	19:	52.65	0.09	
CSKK	20.1	206	Pg	11:19:	51.40	0.02	
			Sg	19:	54.10	-0.08	
PKST	39.3	221	Pg	11:19:	55.04	0.23	
			Sg	20:	00.22	-0.07	

Földrengés paraméterek

616.

2022-04-07 time: 11:31:16.47 UTC ML= 1.7
lat: 47.585N lon: 16.329E h= 0.0 km
erh= 2.6km erz= 3.9km
nr= 11 gap=123 rms=0.92
Locality: Austria
Comments: probably explosion

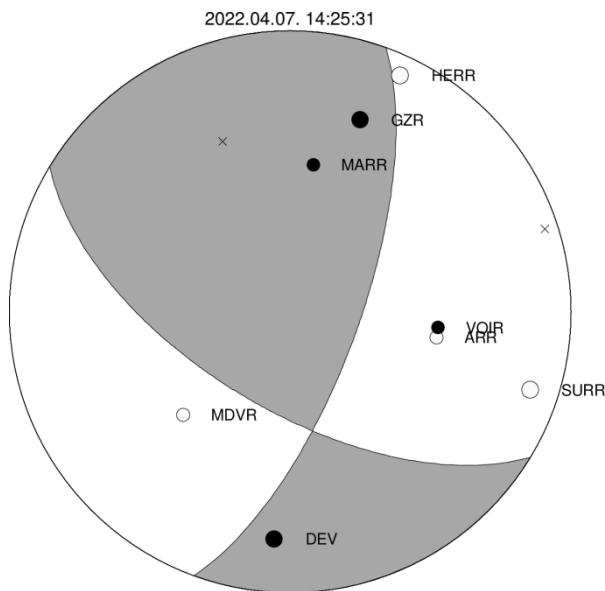
sta	dist	azm	phase	hr	mn	sec	res
SOP	20.4	58	Pg	11:31:	20.95	0.83	
			Sg	31:	23.46	0.50	
ARSA	71.3	239	Sg	11:31:	39.33	0.20	
EGYH	77.8	104	Sg	11:31:	41.49	0.28	
MPLH	102.4	117	Sg	11:31:	48.24	-0.78	
MODS	112.7	39	Pg	11:31:	37.29	0.69	
			Sg	31:	50.66	-1.64	
KOGS	126.5	183	Sg	11:31:	56.43	-0.26	
PKST	133.7	106	Sn	11:31:	56.50	-2.17	
KRUC	164.3	2	Pn	11:31:	44.52	0.53	
			Sn	32:	03.80	-1.66	

617.

2022-04-07 time: 14:25:31.30 UTC ML= 1.7
lat: 45.585N lon: 22.875E h= 12.0 km
erh= 2.1km erz= 1.8km
nr= 22 gap= 97 rms=0.86
Locality: Romania
Comments:

sta	dist	azm	phase	hr	mn	sec	res
GZR	22.7	200	PgU	14:25:	36.37	0.49	
			Sg	25:	39.47	0.02	
DEV	33.2	4	PgU	14:25:	37.96	0.37	
SURR	61.4	288	PgD	14:25:	42.17	-0.30	
			Sg	25:	49.80	-1.38	
LOT	71.5	102	Sg	14:25:	52.80	-1.55	
HERR	86.2	205	PgD	14:25:	46.60	-0.23	
			Sg	25:	58.00	-0.95	
BZS	98.3	272	P*	14:25:	48.23	-0.64	
			S*	25:	59.66	-2.91	
SIRR	121.0	309	Sn	14:26:	06.79	-1.16	
MARR	122.7	9	PnC	14:25:	52.94	0.84	
			Sn	26:	08.20	-0.12	
MDVR	127.8	226	PnD	14:25:	53.60	0.87	
			Sn	26:	10.50	1.05	
DRGR	134.7	355	Pn	14:25:	54.60	1.01	
			Sn	26:	10.08	-0.90	
BANR	137.9	261	Sn	14:26:	13.06	1.37	
ARR	139.6	100	PnD	14:25:	54.83	0.62	
			Sn	26:	11.80	-0.28	
VOIR	170.7	96	PnC	14:25:	59.14	1.05	
			Sn	26:	18.00	-0.98	

Földrengés paraméterek



618.

2022-04-08 time: 8:25:45.65 UTC ML= 0.9
 lat: 47.213N lon: 18.325E h= 0.0 km
 erh= 2.5km erz= 5.5km
 nr= 9 gap=115 rms=0.70
 Locality: Moha
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	17.4	344	Pg	8:25:49.24		0.48	
			Sg	25:50.32		-0.86	
PKSG	20.5	14	Pg	8:25:50.16		0.85	
			Sg	25:51.63		-0.54	
PKST	22.6	283	Pg	8:25:50.05		0.36	
			Sg	25:51.83		-1.01	
MORH	113.5	168	Sg	8:26:21.60		-0.13	
PKSM	113.9	168	Sg	8:26:21.91		0.06	
PSZ	141.8	56	Sn	8:26:28.03		-1.61	

619.

2022-04-08 time: 9:12:21.50 UTC ML= 1.8
 lat: 47.866N lon: 19.089E h= 0.0 km
 erh= 3.6km erz= 874km
 nr= 6 gap=158 rms=0.51
 Locality: Szendehely
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	16.7	120	Pg	9:12:24.86		0.38	
			Sg	12:26.74		-0.06	
BUD	42.8	187	Sg	9:12:34.63		-0.46	
PSZ	60.5	84	Pg	9:12:32.75		0.45	
			Sg	12:39.57		-1.16	
VYHS	72.3	345	Sg	9:12:44.22		-0.27	

620.

2022-04-08 time: 9:41:29.11 UTC ML= 2.1
 lat: 48.253N lon: 21.223E h= 0.0 km
 erh= 1.8km erz= 2.9km
 nr= 10 gap=104 rms=0.43
 Locality: Tállya
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	4.9	14	PgU	9:41:29.93		-0.06	
			Sg	41:30.78		0.11	

Hypocenter Parameters

KECS	60.4	295	Sg	9:41:47.87	-0.43
TRPA	98.8	98	Sg	9:41:59.55	-0.96
PSZ	105.8	249	Pg	9:41:48.47	0.47
			Sg	42:02.19	-0.55
KOLS	108.2	46	Pg	9:41:48.78	0.34
			Sg	42:03.43	-0.08
VYHS	178.9	279	Sn	9:42:21.07	-0.27
DRGR	197.4	145	Sn	9:42:26.35	0.91

621.

2022-04-08 time: 9:57:35.31 UTC ML= 1.4
 lat: 48.568N lon: 19.370E h= 0.0 km
 erh= 3.4km erz= ***km
 nr= 9 gap=108 rms=0.96
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	40.3	258	Pg	9:57:42.85		0.35	
			Sg	57:47.56		-0.55	
LANS	65.2	6	Sg	9:57:55.40		-0.63	
PSZ	82.0	152	Pg	9:57:51.38		1.42	
			Sg	58:00.26		-1.12	
KECS	82.9	97	Pg	9:57:50.99		0.87	
			Sg	58:01.14		-0.53	
PENC	86.7	184	Sg	9:58:01.82		-1.03	
NIE	117.1	36	Sg	9:58:11.02		-1.52	

622.

2022-04-08 time: 11:35:13.60 UTC ML= 1.9
 lat: 48.433N lon: 17.216E h= 0.0 km
 erh= 1.4km erz= 3.3km
 nr= 15 gap= 78 rms=0.67
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	8.0	145	PgU	11:35:15.27		0.24	
			Sg	35:16.64		0.49	
SMOL	18.1	60	Pg	11:35:17.15		0.31	
			Sg	35:19.45		0.09	
KRUC	92.4	319	Pg	11:35:30.62		0.52	
			Sg	35:42.36		-0.60	
SOP	96.7	210	Sg	11:35:44.24		-0.09	
RONA	106.5	220	Pg	11:35:32.54		-0.08	
			Sg	35:46.57		-0.88	
CONA	115.3	241	Pg	11:35:34.81		0.62	
			Sg	35:49.55		-0.69	
VYHS	120.0	87	Pg	11:35:35.67		0.64	
			Sg	35:50.10		-1.65	
PKSG	145.3	143	Sn	11:35:56.92		-1.45	
MORC	151.4	9	Sn	11:35:57.72		-1.99	

623.

2022-04-09 time: 0:26:57.01 UTC ML= 1.8
 lat: 46.010N lon: 20.893E h= 9.1 km
 erh= 2.1km erz= 1.8km
 nr= 17 gap= 77 rms=0.67
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
AMBH	39.9	341	Pg	0:27:04.22		-0.10	
			Sg	27:09.88		-0.15	
BZS	71.3	128	Pg	0:27:09.58		-0.26	
			Sg	27:18.76		-1.08	
BANR	72.3	165	Pg	0:27:10.54		0.52	
PKS6	121.5	303	Sn	0:27:33.38		-1.06	
FRGS	128.8	221	Pn	0:27:19.24		0.29	
			Sn	27:34.81		-1.25	
PKB3	138.9	289	Sn	0:27:37.85		-0.44	
PKS2	140.2	292	Sn	0:27:38.31		-0.27	

Hypocenter Parameters

GZR	161.9	115	Sn	0:27:44.11	0.70
DRGR	164.6	58	Pn	0:27:24.21	0.80
			Sn	27:43.14	-0.87
MORH	175.3	277	Sn	0:27:47.53	1.15
PKSM	175.5	277	Pn	0:27:24.65	-0.12
			Sn	27:47.53	1.11
MARR	186.7	67	PnC	0:27:27.09	0.93
			Sn	27:44.80	-4.10*

624.

2022-04-09 time: 3:03:39.44 UTC ML= 1.1
 lat: 45.954N lon: 16.015E h= 1.3 km
 erh= 1.9km erz= 7.7km
 nr= 5 gap=295 rms=0.11
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn	sec	res
PTJ	7.4	216	PgU	3:03:40.83		0.05
			Sg	03:41.54		-0.30
ZAG	14.0	187	Pg	3:03:41.91		-0.03
			Sg	03:43.97		0.07
CRES	45.6	252	Sg	3:03:54.02		0.09

625.

2022-04-09 time: 3:23:55.71 UTC ML= 2.2
 lat: 45.896N lon: 16.005E h= 7.2 km
 erh= 1.0km erz= 0.8km
 nr= 33 gap= 62 rms=0.44
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn	sec	res
PTJ	3.7	277	Pg	3:23:57.05		-0.10
			Sg	23:58.13		-0.14
ZAG	7.5	187	PgD	3:23:57.57		0.01
			Sg	23:58.79		-0.21
GCIS	29.5	264	ePg	3:24:01.31		0.18
			iSg	24:05.62		0.27
GOLS	32.2	293	ePg	3:24:01.90		0.31
			eSg	24:06.10		-0.08
CESS	42.9	282	ePg	3:24:04.01		0.53
			eSg	24:09.73		0.19
CRES	43.3	260	Pg	3:24:03.77		0.23
			Sg	24:09.61		-0.04
DOBS	50.2	304	iPg	3:24:05.00		0.24
			eSg	24:11.61		-0.21
LEGS	53.6	276	ePg	3:24:05.75		0.38
			eSg	24:12.25		-0.66
KOGS	64.3	17	Pg	3:24:06.97		-0.28
			Sg	24:15.00		-1.26
BOJS	73.0	233	iPg	3:24:08.45		-0.36
PDKS	80.2	283	ePg	3:24:09.96		-0.13
BEHE	87.3	43	Pg	3:24:12.18		0.84
			Sg	24:23.12		-0.42
VISS	91.1	264	ePg	3:24:11.68		-0.35
PERS	107.0	320	Pg	3:24:14.07		-0.80
			Sg	24:27.38		-2.43*
OBKA	131.5	301	Pn	3:24:18.39		0.18
			Sn	24:35.17		-0.60
ARSA	155.1	346	Pn	3:24:21.51		0.35
			Sn	24:40.87		-0.14
BLY	157.5	144	Pn	3:24:21.63		0.17
			Sn	24:40.64		-0.90
KOVH	163.7	82	Pn	3:24:22.60		0.36
			Sn	24:42.48		-0.45
RONA	201.8	6	Pn	3:24:28.15		1.17

Földrengés paraméterek

626.

2022-04-09 time: 8:36:56.34 UTC ML= 1.3
 lat: 46.153N lon: 18.310E h= 0.0 km
 erh= 0.8km erz= 154km
 nr= 7 gap=189 rms=0.10
 Locality: Vasas
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
KOVH	17.8	246	Pg	8:36:59.51		0.00
			Sg	37:01.90		-0.09
PKSM	26.4	76	Pg	8:37:01.18		0.12
			Sg	37:04.80		0.06
MORH	26.7	75	Pg	8:37:01.10		-0.02
			Sg	37:04.44		-0.40
PKSV	29.8	189	Sg	8:37:05.80		-0.01

627.

2022-04-11 time: 2:01:03.29 UTC ML= 0.6
 lat: 48.072N lon: 19.850E h= 10.7 km
 erh= 3.1km erz= 2.0km
 nr= 7 gap=150 rms=0.39
 Locality: Vizslás
 Comments:

sta	dist	azm	phase	hr mn	sec	res
PSZ	17.4	169	Pg	2:01:07.17		0.23
			Sg	01:09.08		-0.70
KECS	65.7	46	Sg	2:01:24.64		0.19
ABAH	106.3	76	S*	2:01:36.69		-0.27
SRO	118.4	256	Sn	2:01:39.15		-0.50
PKSG	133.1	235	Sn	2:01:43.33		0.42
CSKK	143.0	237	Sn	2:01:45.52		0.41

628.

2022-04-11 time: 4:03:15.50 UTC ML= 1.7
 lat: 48.028N lon: 19.886E h= 9.9 km
 erh= 2.6km erz= 3.8km
 nr= 8 gap= 98 rms=0.52
 Locality: Nemti
 Comments:

sta	dist	azm	phase	hr mn	sec	res
PSZ	12.2	177	Pg	4:03:18.87		0.56
			Sg	03:20.76		0.26
PENC	52.3	240	Sg	4:03:32.32		-0.11
KECS	67.4	41	Pg	4:03:28.03		0.37
			Sg	03:36.39		-0.76
BSZH	85.9	161	Pg	4:03:30.08		-0.86
VYHS	93.6	304	Sg	4:03:45.11		-0.31
ABAH	105.0	74	P*	4:03:34.59		0.30

629.

2022-04-11 time: 6:37:59.70 UTC ML= 1.5
 lat: 47.035N lon: 17.962E h= 0.0 km
 erh= 1.7km erz= 640km
 nr= 14 gap= 96 rms=0.55
 Locality: Szentkirályszabadja
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
TIH	15.9	199	PgU	6:38:02.59		0.04
			Sg	38:04.12		-0.65
PKST	25.5	12	Pg	6:38:04.05		-0.20
			Sg	38:08.20		0.41
MPLH	35.4	295	Pg	6:38:06.20		0.17
			Sg	38:11.57		0.60
CSKK	42.9	32	Pg	6:38:07.65		0.29
			Sg	38:12.98		-0.35
PKSG	51.2	39	Pg	6:38:08.20		-0.65

Földrengés paraméterek

Hypocenter Parameters

PKB1	69.1	114	Sg	38:15.29	-0.69
			Pg	6:38:13.61	1.57
PKSM	105.3	150	Pg	6:38:18.51	0.01
KOVH	105.8	174	Pg	6:38:18.78	0.18
			Sg	38:32.42	-0.91

630.

2022-04-11 time: 8:12:21.58 UTC ML= 1.6
lat: 46.889N lon: 22.689E h= 0.0 km
erh= 5.5km erz= 3.3km
nr= 7 gap=302 rms=0.54
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	10.9	171	Pg	8:12:23.34	-0.19		
			Sg	12:25.85	0.79		
SIRR	104.8	229	Pg	8:12:40.65	0.35		
			Sg	12:54.29	-0.62		
BZS	163.8	210	Sn	8:13:09.97	-0.49		
GZR	166.4	178	Pn	8:12:49.68	0.32		
			Sn	13:09.44	-1.59		

631.

2022-04-11 time: 8:14:15.49 UTC ML= 1.9
lat: 48.600N lon: 20.782E h= 0.0 km
erh= 1.7km erz= 472km
nr= 8 gap=129 rms=0.34
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	25.4	239	Pg	8:14:20.38	0.35		
			Sg	14:22.69	-0.89		
ABAH	47.8	135	Pg	8:14:24.14	0.11		
			Sg	14:30.30	-0.40		
PSZ	100.4	221	Pg	8:14:33.79	0.37		
			Sg	14:47.35	-0.06		
LANS	114.2	302	Pg	8:14:35.67	-0.21		
KOLS	115.7	71	Sg	8:14:52.05	-0.22		

632.

2022-04-11 time: 9:41:51.19 UTC ML= 1.2
lat: 47.212N lon: 18.245E h= 0.0 km
erh= 2.7km erz= ***km
nr= 14 gap=110 rms=0.95
Locality: Csór
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	16.8	288	Pg	9:41:54.35	0.16		
			Sg	41:55.97	-0.56		
CSKK	16.8	4	Pg	9:41:54.66	0.47		
			Sg	41:55.85	-0.69		
PKSG	22.8	29	Pg	9:41:55.10	-0.16		
			Sg	41:57.61	-0.83		
MPLH	53.7	265	Pg	9:42:01.64	0.86		
			Sg	42:07.92	-0.34		
PKB1	63.2	139	Pg	9:42:04.79	2.32		
			Sg	42:10.59	-0.68		
MORH	114.9	165	Pg	9:42:12.08	0.38		
			Sg	42:25.72	-1.98		
PKSM	115.3	165	Pg	9:42:11.53	-0.24		
			Sg	42:25.76	-2.06		

633.

2022-04-11 time: 10:15:12.86 UTC ML= 1.5
lat: 47.913N lon: 20.157E h= 0.0 km
erh= 3.5km erz= 486km
nr= 5 gap=196 rms=0.22
Locality: Recsk
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	19.6	272	Pg	10:15:16.34	-0.02		
			Sg	15:18.77	-0.33		
PENC	66.9	258	Sg	10:15:34.49	0.36		
KECS	67.9	21	Sg	10:15:34.65	0.20		
ABAH	91.2	62	Sg	10:15:41.66	-0.17		

634.

2022-04-11 time: 10:40:56.63 UTC ML= 1.3
lat: 48.350N lon: 19.843E h= 0.0 km
erh= 3.1km erz= 793km
nr= 5 gap=151 rms=0.36
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	48.1	175	Pg	10:41:05.57	0.35		
			Sg	41:11.45	-0.47		
KECS	49.9	73	Pg	10:41:05.81	0.27		
			Sg	41:12.08	-0.40		
VYHS	76.2	282	Sg	10:41:20.47	-0.39		

635.

2022-04-11 time: 13:29:55.77 UTC ML= 1.8
lat: 47.083N lon: 19.426E h= 0.0 km
erh= 4.1km erz= 504km
nr= 6 gap=203 rms=0.30
Locality: Tatárszentgyörgy
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	20.5	259	Pg	13:29:59.56	0.12		
			Sg	30:01.61	-0.68		
PKB1	58.6	235	Pg	13:30:06.63	0.39		
PENC	79.4	352	Pg	13:30:10.12	0.17		
PKB4	90.5	224	Pg	13:30:11.81	-0.13		
PSZ	99.3	21	Pg	13:30:13.22	-0.29		

636.

2022-04-11 time: 13:45:39.37 UTC ML= 1.7
lat: 47.072N lon: 19.399E h= 0.0 km
erh= 3.5km erz= 706km
nr= 7 gap=173 rms=0.47
Locality: Tatárszentgyörgy
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	18.3	261	Pg	13:45:42.79	0.16		
			Sg	45:44.56	-0.62		
PKB2	45.9	195	Pg	13:45:47.73	0.17		
PENC	80.3	354	Pg	13:45:54.24	0.53		
PSZ	101.2	22	PgU	13:45:57.06	-0.38		
			Sg	46:09.09	-2.44		
PKSM	111.9	211	Pg	13:45:59.41	0.06		

Hypocenter Parameters

637.

2022-04-11 time: 14:00:31.86 UTC ML= 1.9
 lat: 47.108N lon: 19.378E h= 0.0 km
 erh= 5.9km erz= 843km
 nr= 7 gap=186 rms=0.56
 Locality: Örkény
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	17.9	248	Pg	14:00	:34.85	-0.20	
			Sg		:37.20	-0.34	
PKB5	75.2	221	Pg	14:00	:45.98	0.68	
PENC	76.2	355	Pg	14:00	:46.34	0.87	
PSZ	98.1	23	Pg	14:00	:49.00	-0.38	
			Sg		:01.02.25	-0.79	
MORH	114.0	210	Pg	14:00	:51.86	-0.36	

638.

2022-04-11 time: 14:14:24.95 UTC ML= 1.7
 lat: 47.087N lon: 19.397E h= 0.0 km
 erh= 4.1km erz= 718km
 nr= 9 gap=189 rms=0.54
 Locality: Tatárszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	18.5	256	Pg	14:14	:28.09	-0.16	
			Sg		:30.36	-0.47	
PKB1	57.0	234	Pg	14:14	:35.30	0.16	
PKB5	74.4	223	Pg	14:14	:39.14	0.90	
PENC	78.7	354	Pg	14:14	:39.65	0.64	
PSZ	99.8	22	Pg	14:14	:42.31	-0.46	
MORH	112.7	211	Pg	14:14	:44.74	-0.33	
PKSM	113.2	211	Pg	14:14	:44.90	-0.26	
			Sg		:45.58.39	-2.54	

639.

2022-04-12 time: 4:11:42.29 UTC ML= 2.0
 lat: 45.708N lon: 21.787E h= 4.4 km
 erh= 2.2km erz= 2.7km
 nr= 21 gap= 92 rms=0.93
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
BZS	16.7	233	PgU	4:11	:45.60	0.23	
			Sg		:47.44	-0.34	
SURR	26.8	79	PgC	4:11	:48.21	1.07	
			Sg		:51.70	0.78	
BANR	62.4	235	Pg	4:11	:53.98	0.52	
			Sg		:12.01.94	-0.23	
SIRR	63.0	351	Pg	4:11	:53.78	0.21	
			Sg		:12.01.21	-1.15	
GZR	84.8	114	Pg	4:11	:57.26	-0.20	
			Sg		:12.07.66	-1.63	
MDVR	103.1	183	PgD	4:12	:00.33	-0.39	
HERR	104.3	152	PgD	4:12	:01.06	0.13	
			Sg		:12.13.80	-1.67	
DJES	132.8	154	Sn	4:12	:19.82	-3.45	
DRGR	140.0	31	Pn	4:12	:05.78	-0.43	
			Sn		:12.23.03	-1.84	
MARR	148.9	44	PnD	4:12	:08.38	1.06	
LOT	157.4	101	Sn	4:12	:29.90	1.16	
SRE	161.0	136	Sn	4:12	:31.70	2.16	
BSZH	212.0	327	Sn	4:12	:41.37	0.52	
BLKB	242.2	163	Sn	4:12	:50.00	2.45	

Földrengés paraméterek

640.

2022-04-12 time: 7:01:10.43 UTC ML= 2.0
 lat: 47.345N lon: 18.420E h= 0.0 km
 erh= 1.5km erz= 2.8km
 nr= 25 gap= 80 rms=0.97
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	5.6	337	PgU	7:01	:12.12	0.68	
			Sg		:12.39	0.16	
CSKK	12.2	279	PgU	7:01	:13.30	0.69	
			Sg		:14.33	0.01	
PKST	30.7	252	Pg	7:01	:16.79	0.88	
			Sg		:19.97	-0.22	
PKB1	68.5	156	Sg	7:01	:32.08	-0.11	
MPLH	69.4	254	Pg	7:01	:23.73	0.90	
			Sg		:31.72	-0.78	
PKS9	85.0	187	Pg	7:01	:25.61	0.01	
			Sg		:36.35	-1.09	
PKB5	86.8	164	Pg	7:01	:27.65	1.72	
			Sg		:38.31	0.29	
PKB4	95.4	172	Sg	7:01	:40.27	-0.48	
PKB2	97.3	140	Sg	7:01	:41.45	0.09	
PKB3	118.2	150	Sg	7:01	:47.33	-0.68	
MORH	126.7	172	Sg	7:01	:49.05	-1.65	
PKSM	127.1	172	Pg	7:01	:33.21	0.08	
			Sg		:49.21	-1.62	
PSZ	127.8	60	Pg	7:01	:33.92	0.66	
			Sg		:50.07	-1.00	
VYHS	131.5	14	Sn	7:01	:49.76	-2.37	
KOVH	141.8	190	Sn	7:01	:53.52	-0.91	
MODS	142.8	323	Sn	7:01	:51.95	-2.69	
SOP	145.2	285	Sn	7:01	:52.81	-2.37	

641.

2022-04-12 time: 7:23:18.05 UTC ML= 1.5
 lat: 48.008N lon: 16.664E h= 0.0 km
 erh= 2.4km erz= 819km
 nr= 10 gap= 96 rms=0.66
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SOP	37.0	192	Sg	7:23	:29.39	-0.42	
RONA	44.0	219	Pg	7:23	:26.01	0.10	
			Sg		:31.51	-0.53	
CONA	60.6	262	Pg	7:23	:29.55	0.68	
			Sg		:37.14	-0.17	
MODS	61.1	48	Sg	7:23	:37.59	0.13	
SMOL	79.9	45	Sg	7:23	:42.97	-0.48	
MPLH	114.1	145	Pg	7:23	:39.34	0.91	
KRUC	118.8	350	Sg	7:23	:55.01	-0.82	
ARSA	120.2	226	Sg	7:23	:54.56	-1.71	

642.

2022-04-12 time: 7:46:59.56 UTC ML= 2.0
 lat: 48.609N lon: 20.782E h= 0.0 km
 erh= 3.7km erz= 8.8km
 nr= 8 gap=170 rms=0.78
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	26.0	237	Pg	7:47	:04.17	-0.03	
			Sg		:07.70	-0.12	
ABAH	48.6	136	Pg	7:47	:08.40	0.16	
			Sg		:15.26	0.26	
PSZ	101.2	221	Pg	7:47	:18.71	1.07	
			Sg		:30.19	-1.55	
LANS	113.6	302	Pg	7:47	:19.72	-0.13	
TRPA	140.7	112	Sn	7:47	:40.54	-2.76	

Földrengés paraméterek

643.

2022-04-12 time: 9:55:44.96 UTC ML= 1.6
 lat: 48.679N lon: 19.628E h= 0.0 km
 erh= 3.7km erz= ***km
 nr= 7 gap= 97 rms=0.81
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
LANS	53.8	347	Pg	9:55	55.29	0.73	
			Sg	56	02.14	0.09	
VYHS	61.9	251	Sg	9:56	04.04	-0.59	
KECS	66.9	109	Pg	9:55	57.80	0.88	
			Sg	56	05.74	-0.50	
PSZ	86.8	167	Sg	9:56	11.61	-0.95	
NIE	96.4	31	Sg	9:56	14.19	-1.40	

644.

2022-04-12 time: 10:08:44.20 UTC ML= 1.5
 lat: 47.330N lon: 18.355E h= 0.0 km
 erh= 2.4km erz= 3.5km
 nr= 16 gap=100 rms=1.03
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	7.4	22	PgU	10:08	45.93	0.41	
			Sg	08	47.84	1.30	
CSKK	8.0	297	Pg	10:08	45.37	-0.27	
			Sg	08	46.47	-0.28	
PKST	25.5	252	Pg	10:08	48.23	-0.53	
			Sg	08	52.09	-0.22	
MPLH	64.3	254	Pg	10:08	56.70	1.02	
			Sg	09	04.31	-0.32	
EGYH	77.9	277	Sg	10:09	10.74	1.78	
PKB5	86.7	160	Sg	10:09	14.12	2.35	
MORH	125.8	170	Sg	10:09	23.08	-1.12	
PKSM	126.2	170	Sg	10:09	22.92	-1.41	
PSZ	132.9	61	Sn	10:09	24.98	-1.24	
VYHS	134.3	16	Sn	10:09	24.12	-2.41	
KOVH	139.4	188	Sn	10:09	27.02	-0.65	
PKSV	160.5	183	Sn	10:09	32.35	0.01	

645.

2022-04-12 time: 14:36:02.12 UTC ML= 1.9
 lat: 47.079N lon: 19.379E h= 0.0 km
 erh= 2.5km erz= 802km
 nr= 17 gap=121 rms=0.70
 Locality: Tatárszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	17.0	258	Pg	14:36	05.75	0.60	
			Sg	36	07.19	-0.32	
PKB1	55.4	234	PgU	14:36	12.29	0.27	
			Sg	36	18.49	-1.25	
PKS2	66.5	191	Sg	14:36	23.00	-0.26	
BSZH	71.6	70	Sg	14:36	24.98	0.10	
PKB5	72.9	222	Pg	14:36	16.19	1.06	
PENC	79.4	355	Pg	14:36	16.94	0.64	
PKSG	82.5	295	Pg	14:36	16.20	-0.66	
PKB4	87.8	222	Pg	14:36	19.00	1.21	
PKS9	100.2	237	Pg	14:36	20.04	0.03	
PSZ	101.0	23	Pg	14:36	20.08	-0.08	
			Sg	36	32.84	-1.39	
MORH	111.3	210	Pg	14:36	21.74	-0.25	
			Sg	36	36.49	-0.99	
PKSM	111.8	210	Pg	14:36	21.75	-0.32	
			Sg	36	36.44	-1.20	

162

Hypocenter Parameters

646.

2022-04-13 time: 9:46:25.40 UTC ML= 0.9
 lat: 47.233N lon: 18.256E h= 0.0 km
 erh= 1.6km erz= 411km
 nr= 7 gap=135 rms=0.27
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	14.5	1	Pg	9:46	28.32	0.33	
			Sg	46	29.69	-0.31	
PKST	17.0	280	Pg	9:46	28.51	0.08	
			Sg	46	30.52	-0.28	
PKSG	20.4	30	Pg	9:46	29.29	0.25	
			Sg	46	31.38	-0.51	
PKSM	117.3	165	Pg	9:46	46.20	-0.14	

647.

2022-04-13 time: 10:47:36.90 UTC ML= 1.3
 lat: 47.525N lon: 18.514E h= 0.0 km
 erh= 4.9km erz= 6.7km
 nr= 11 gap=164 rms=0.84
 Locality: Szárliget
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	17.5	212	Pg	10:47	40.42	0.40	
			Sg	47	43.40	0.95	
CSKK	26.3	227	Pg	10:47	41.68	0.10	
			Sg	47	44.42	-0.82	
SRO	35.4	335	Pg	10:47	43.74	0.51	
			Sg	47	48.03	-0.13	
PKST	46.8	231	Pg	10:47	46.07	0.82	
			Sg	47	50.77	-0.99	
VYHS	110.4	13	Pg	10:47	56.72	0.11	
			Sg	48	09.89	-2.10	
PKSM	146.3	176	Sn	10:48	19.76	-2.12	

648.

2022-04-13 time: 11:07:18.18 UTC ML= 1.2
 lat: 47.862N lon: 16.028E h= 0.0 km
 erh= 2.0km erz= 3.3km
 nr= 7 gap=120 rms=0.55
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	14.5	301	PgU	11:07	21.42	0.65	
			Sg	07	22.70	-0.08	
RONA	27.0	132	PgU	11:07	23.32	0.31	
			Sg	07	26.75	-0.02	
ARSA	77.9	209	Sg	11:07	42.36	-0.58	
KRUC	136.2	11	Pn	11:07	42.02	-0.17	
			Sn	07	59.21	-1.71	

649.

2022-04-13 time: 14:38:46.86 UTC ML= 1.6
 lat: 47.103N lon: 19.344E h= 0.0 km
 erh= 5.9km erz= 825km
 nr= 7 gap=184 rms=0.55
 Locality: Tatárszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	15.3	246	Pg	14:38	49.58	-0.01	
			Sg	38	51.38	-0.34	
PKB5	73.1	219	Pg	14:39	00.48	0.56	
PENC	76.5	356	Pg	14:39	01.26	0.73	
PSZ	99.6	25	Pg	14:39	03.69	-0.97	
			Sg	39	18.66	0.13	

Hypocenter Parameters

PKSM 112.8 208 Pg 14:39:06.71 -0.29
650.

2022-04-14 time: 7:15:31.29 UTC ML= 1.4
lat: 47.833N lon: 19.120E h= 0.0 km
erh= 2.2km erz= 674km
nr= 7 gap=117 rms=0.46
Locality: Szendehely
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	13.0	111	Pg	7:15	:33	.54	-0.07
			Sg	15	:35	.39	-0.02
PSZ	58.7	81	Pg	7:15	:42	.29	0.51
			Sg	15	:49	.54	-0.41
PKSG	73.5	228	Sg	7:15	:55	.39	0.73
VYHS	76.5	344	Sg	7:15	:55	.14	-0.47
PKST	103.7	232	Sg	7:16	:03	.54	-0.70

651.

2022-04-14 time: 8:04:24.10 UTC ML= 1.4
lat: 48.615N lon: 20.760E h= 0.0 km
erh= 2.2km erz= 3.0km
nr= 10 gap=130 rms=0.59
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	25.0	234	Pg	8:04	:29	.03	0.46
			Sg	04	:32	.24	0.18
ABAH	50.2	135	Pg	8:04	:33	.39	0.33
			Sg	04	:39	.97	-0.08
PSZ	100.7	220	Sg	8:04	:55	.21	-0.89
LANS	111.9	302	Sg	8:04	:59	.41	-0.27
KOLS	116.7	72	Sg	8:05	:01	.06	-0.13
TRPA	142.4	112	Pn	8:04	:49	.50	0.61
			Sn	05	:06	.39	-1.84
VYHS	142.7	265	Sn	8:05	:07	.25	-1.04

652.

2022-04-14 time: 8:12:23.56 UTC ML= 1.9
lat: 47.333N lon: 18.440E h= 0.0 km
erh= 1.7km erz= 2.8km
nr= 11 gap=114 rms=0.54
Locality: Zámoly
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	7.6	330	Pg	8:12	:24	.84	-0.08
			Sg	12	:25	.32	-0.65
CSKK	14.0	284	Pg	8:12	:26	.52	0.46
			Sg	12	:28	.20	0.19
MORH	125.1	173	Sg	8:13	:03	.06	-0.27
PKSM	125.5	173	Sg	8:13	:02	.56	-0.90
PSZ	127.2	59	Pg	8:12	:47	.14	0.85
			Sg	13	:03	.80	-0.21
VYHS	132.5	13	Pn	8:12	:47	.16	0.04
			Sn	13	:03	.45	-2.04
KOVH	140.7	191	Sn	8:13	:07	.16	-0.16

653.

2022-04-14 time: 8:46:28.84 UTC ML= 1.5
lat: 47.852N lon: 19.102E h= 0.0 km
erh= 2.0km erz= 622km
nr= 7 gap=114 rms=0.42
Locality: Szendehely
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	15.1	117	Pg	8:46	:31	.91	0.37

Földrengés paraméterek

			Sg	46:33:48	-0.17
PSZ	59.8	83	Pg	8:46:39.83	0.32
			Sg	46:47.12	-0.72
PKSG	74.0	226	Sg	8:46:52.77	0.40
VYHS	74.1	345	Sg	8:46:51.98	-0.40
PKST	103.9	231	Sg	8:47:01.31	-0.57

654.

2022-04-14 time: 8:54:57.12 UTC ML= 1.7
lat: 48.597N lon: 17.458E h= 0.0 km
erh= 1.8km erz= 2.2km
nr= 12 gap=112 rms=0.58
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	28.2	208	Pg	8:55	:02	.43	0.27
			Sg	55	:07	.14	1.05
KRUC	93.6	304	Sg	8:55	:26	.89	0.01
VYHS	102.4	96	Pg	8:55	:15	.60	0.19
			Sg	55	:29	.25	-0.42
MORC	131.3	3	Pn	8:55	:20	.78	0.25
			Sn	55	:37	.25	-1.54
RONA	132.0	221	Pn	8:55	:20	.62	0.00
			Sn	55	:37	.41	-1.54
CONA	139.9	238	Pn	8:55	:21	.56	-0.05
			Sn	55	:39	.92	-0.78
KRLC	171.6	343	Sn	8:55	:48	.46	0.73

655.

2022-04-14 time: 8:57:15.82 UTC ML= 2.0
lat: 48.216N lon: 21.267E h= 0.0 km
erh= 2.0km erz= 1.9km
nr= 13 gap=103 rms=0.76
Locality: Mád
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	9.1	347	PgU	8:57	:18	.18	0.73
			Sg	57	:18	.75	0.03
KECS	65.1	297	Pg	8:57	:28	.22	0.78
			Sg	57	:35	.96	-0.55
PSZ	107.5	252	Pg	8:57	:35	.84	0.82
			Sg	57	:49	.09	-0.90
KOLS	109.0	43	Pg	8:57	:35	.69	0.41
			Sg	57	:50	.03	-0.43
NIE	151.0	332	Sn	8:58	:00	.77	-1.08
LANS	168.4	308	Sn	8:58	:04	.14	-1.57
VYHS	182.8	280	Sn	8:58	:08	.06	-0.85
BUD	186.6	244	Sn	8:58	:10	.02	0.27
DRGR	192.1	146	Sn	8:58	:10	.26	-0.73

656.

2022-04-14 time: 9:12:08.69 UTC ML= 1.0
lat: 47.242N lon: 18.333E h= 2.8 km
erh= 1.2km erz= 6.3km
nr= 6 gap=260 rms=0.28
Locality: Moha
Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	14.6	338	Pg	9:12	:11	.03	-0.31
			Sg	12	:12	.91	-0.50
PKSG	17.2	15	Pg	9:12	:12	.01	0.20
			Sg	12	:14	.63	0.39
PKST	22.7	275	Pg	9:12	:12	.81	0.03
			Sg	12	:16	.18	0.21

Földrengés paraméterek

Hypocenter Parameters

657.

2022-04-14 time: 10:09:03.16 UTC ML= 1.5
 lat: 48.968N lon: 21.336E h= 0.0 km
 erh= 4.2km erz= 5.5km
 nr= 10 gap=149 rms=1.08
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOLS	68.8	93	Pg	10:09:15.89			0.45
			Sg	09:23.29			-1.73
ABAH	75.0	185	Pg	10:09:18.32			1.76
			Sg	09:26.04			-0.97
KECS	82.6	229	Pg	10:09:18.63			0.72
			Sg	09:28.27			-1.14
NIE	89.9	304	Sg	10:09:31.64			-0.09
LANS	138.0	278	Sn	10:09:45.68			-0.64
PSZ	158.1	222	Pn	10:09:29.84			-0.07
			Sn	09:48.81			-1.96

658.

2022-04-14 time: 10:23:24.88 UTC ML= 1.8
 lat: 48.799N lon: 18.257E h= 0.0 km
 erh= 3.4km erz= 6.6km
 nr= 9 gap= 98 rms=0.93
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	54.5	129	Pg	10:23:34.82			0.21
			Sg	23:41.87			-0.33
MODS	86.4	237	Pg	10:23:40.53			0.22
			Sg	23:52.22			-0.13
LANS	96.8	66	Pg	10:23:44.02			1.85
			Sg	23:54.53			-1.13
MORC	120.5	334	Pg	10:23:46.54			0.14
			Sg	24:01.67			-1.52
PENC	135.5	146	Sn	10:24:06.17			-1.30

659.

2022-04-14 time: 11:16:56.32 UTC ML= 1.1
 lat: 47.879N lon: 16.069E h= 0.0 km
 erh= 1.9km erz= 3.4km
 nr= 7 gap=129 rms=0.48
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	16.5	290	Pg	11:16:59.52			0.26
			Sg	17:01.64			0.09
RONA	26.2	139	Pg	11:17:01.41			0.41
			Sg	17:04.62			-0.03
ARSA	81.0	210	Sg	11:17:21.52			-0.55
KRUC	133.8	10	Pn	11:17:19.95			-0.09
			Sn	17:36.61			-1.92

660.

2022-04-14 time: 12:03:07.41 UTC ML= 1.9
 lat: 47.829N lon: 18.352E h= 5.6 km
 erh= 1.9km erz= 2.3km
 nr= 21 gap= 79 rms=0.84
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
SRO	3.4	239	PgU	12:03:08.78			0.21
			Sg	03:09.27			-0.21
PKSG	48.7	177	Pg	12:03:16.74			0.58
			Sg	03:22.54			-0.45
CSKK	52.3	188	Pg	12:03:17.59			0.79

				Sg	03:23.72	-0.40
BUD	63.4	127	Sg	12:03:26.88	-0.76	
PKST	67.8	201	Sg	12:03:28.27	-0.75	
PENC	69.8	94	Pg	12:03:20.37	0.47	
			Sg	03:29.62	-0.03	
VYHS	82.2	26	Pg	12:03:22.33	0.20	
			Sg	03:31.66	-1.95	
EGYH	89.3	239	Pg	12:03:24.13	0.74	
			Sg	03:35.31	-0.55	
MPLH	95.5	220	Sg	12:03:36.48	-1.33	
MODS	100.4	307	Pg	12:03:25.58	0.22	
			Sg	03:37.50	-1.86	
PKB1	120.8	164	PnD	12:03:29.11	0.31	
			Sn	03:43.53	-1.95	
LANS	168.5	29	ePn	12:03:37.10	2.36	
			eSn	03:57.50	1.44	

661.

2022-04-14 time: 12:47:30.73 UTC ML= 1.5
 lat: 45.630N lon: 17.260E h= 0.0 km
 erh= 8.0km erz=12.6km
 nr= 11 gap=133 rms=0.79
 Locality: Croatia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	82.3	70	Pg	12:47:46.43			1.00
			Sg	47:57.67			0.77
KOVH	82.7	52	Pg	12:47:46.14			0.63
			Sg	47:56.81			-0.22
BLY	98.1	184	Sg	12:48:01.20			-0.72
PKSM	125.1	59	Pg	12:47:53.28			0.20
			Sg	48:08.64			-1.87
MORH	125.5	59	Pg	12:47:52.57			-0.58
			Sg	48:09.19			-1.45
CRES	142.1	279	Pn	12:47:55.95			0.47
			Sn	48:14.14			-0.65

662.

2022-04-14 time: 13:59:30.74 UTC ML= 1.7
 lat: 47.090N lon: 19.392E h= 0.0 km
 erh= 5.9km erz= ***km
 nr= 9 gap=188 rms=0.79
 Locality: Tatárszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	18.2	255	Pg	13:59:33.95			-0.03
			Sg	59:36.06			-0.45
PKB5	74.3	222	Pg	13:59:45.16			1.14
			Sg	59:54.76			0.39
PENC	78.4	354	Pg	13:59:45.43			0.69
PSZ	99.6	22	Pg	13:59:48.06			-0.47
			Sg	14:00:01.23			-1.18
PKSM	113.2	210	Pg	13:59:50.84			-0.12
			Sg	14:00:04.21			-2.52

663.

2022-04-14 time: 14:45:50.63 UTC ML= 1.5
 lat: 45.737N lon: 21.789E h= 4.4 km
 erh= 3.3km erz= 5.6km
 nr= 7 gap=118 rms=0.62
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
BZS	18.9	225	Pg	14:45:54.21			0.11
			Sg	45:55.96			-0.85
SIRR	59.8	350	Sg	14:46:09.68			-0.02
BANR	64.4	232	Sg	14:46:11.41			0.25
GZR	86.1	116	Pg	14:46:06.85			0.83
			Sg	46:16.89			-1.13

Hypocenter Parameters

DRGR 137.1 31 Sn 14:46:32.25 -0.32
664.

2022-04-14 time: 23:43:38.85 UTC ML= 1.1
lat: 46.153N lon: 17.792E h= 9.7 km
erh= 1.9km erz= 1.8km
nr= 17 gap=179 rms=0.47
Locality: Somogyhárság
Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOVH	24.9	107	Pg	23:43:44.12		0.51	
			Sg	43:46.87		-0.47	
PKSM	65.9	84	Pg	23:43:50.85		0.11	
			Sg	43:59.35		-0.68	
MORH	66.2	84	Pg	23:43:50.87		0.08	
			Sg	43:59.29		-0.82	
PKB4	73.3	59	Pg	23:43:52.00		-0.04	
			Sg	44:01.93		-0.41	
TIH	83.4	5	Pg	23:43:53.98		0.14	
			Sg	44:05.24		-0.29	
BEHE	85.8	294	Sg	23:44:06.00		-0.30	
PKB5	87.7	56	Pg	23:43:54.68		0.08	
			Sg	44:06.90		0.01	
KOGS	123.2	285	Sn	23:44:15.06		-1.44	
PKST	124.3	9	Pn	23:44:00.67		0.53	
			Sn	44:16.12		-0.63	
PKSG	145.1	18	Pn	23:44:03.81		1.08	

665.

2022-04-15 time: 0:00:39.99 UTC ML= 1.2
lat: 46.125N lon: 17.819E h= 15.6 km
erh= 2.3km erz= 1.3km
nr= 19 gap=186 rms=0.48
Locality: Mozsgó
Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOVH	22.1	100	Pg	0:00:45.20		0.39	
			Sg	00:47.94		-0.63	
PKS9	62.4	35	Pg	0:00:51.70		0.22	
			Sg	01:01.23		0.79	
PKSM	64.2	81	Pg	0:00:51.82		0.03	
			Sg	01:00.25		-0.75	
MORH	64.5	81	Pg	0:00:51.86		0.02	
			Sg	01:00.29		-0.80	
PKB4	73.2	56	Pg	0:00:53.15		-0.21	
			Sg	01:03.48		-0.31	
PKB5	87.8	53	P*	0:00:55.74		0.10	
			S*	01:07.41		-0.44	
BEHE	89.1	296	S*	0:01:07.19		-1.01	
PKB1	104.7	46	Pn	0:00:58.84		0.74	
			Sn	01:12.05		-0.17	
PKB3	111.1	73	Sn	0:01:13.55		-0.09	
KOGS	126.1	287	Sn	0:01:16.33		-0.64	
PKST	127.2	7	Pn	0:01:01.69		0.79	
			Sn	01:17.13		-0.07	

666.

2022-04-15 time: 8:09:35.45 UTC ML= 1.4
lat: 47.979N lon: 16.603E h= 0.0 km
erh= 2.5km erz= 741km
nr= 11 gap=137 rms=0.60
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SOP	33.1	186	Sg	8:09:45.83		-0.13	
RONA	38.6	216	Pg	8:09:42.38		0.03	
			Sg	09:47.79		0.06	
CONA	55.6	264	Pg	8:09:45.91		0.53	
			Sg	09:53.43		0.30	

Földrengés paraméterek

MODS 66.6 49 Pg 8:09:47.63 0.28
Sg 09:57.12 0.49
ARSA 114.7 225 Pg 8:09:56.37 0.44
Sg 10:10.52 -1.38
KRUC 121.4 353 Pg 8:09:56.41 -0.71
Sg 10:11.86 -2.17

667.

2022-04-15 time: 10:16:11.20 UTC ML= 1.7
lat: 46.042N lon: 22.921E h= 0.0 km
erh= 5.2km erz=10.8km
nr= 10 gap=195 rms=1.15
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	17.6	184	Pg	10:16:15.04		0.69	
			Sg	16:18.07		1.26	
GZR	72.9	189	Pg	10:16:24.47		0.24	
			Sg	16:33.42		-0.96	
DRGR	84.9	349	Sg	10:16:36.87		-1.32	
SIRR	100.6	284	Pg	10:16:30.61		1.44	
			Sg	16:43.04		-0.14	
BZS	111.8	245	Pg	10:16:30.91		-0.26	
			Sg	16:44.57		-2.17	
DJES	159.6	191	Sn	10:16:55.84		-3.30	

668.

2022-04-17 time: 15:17:02.12 UTC ML= 1.6
lat: 48.847N lon: 21.944E h= 6.5 km
erh= 2.4km erz= 2.9km
nr= 9 gap=130 rms=0.50
Locality: Slovakia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOLS	26.0	68	Pg	15:17:06.65		-0.26	
			Sg	17:10.81		0.18	
ABAH	80.3	220	Pg	15:17:17.32		0.80	
			Sg	17:27.59		-0.15	
TRPA	91.0	151	Pg	15:17:18.51		0.10	
			Sg	17:30.27		-0.85	
KECS	114.8	249	Sn	15:17:37.97		-0.68	
NIE	135.0	298	Sn	15:17:43.15		0.02	
DRGR	235.6	166	Sn	15:18:07.22		1.76	

669.

2022-04-18 time: 9:38:34.70 UTC ML= 2.2
lat: 45.531N lon: 16.143E h= 6.7 km
erh= 3.0km erz= 1.8km
nr= 14 gap=225 rms=0.52
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZAG	35.1	341	Pg	9:38:41.25		0.18	
			Sg	38:46.54		0.50	
PTJ	43.4	341	Pg	9:38:42.47		-0.07	
			Sg	38:48.29		-0.37	
CRES	62.7	302	Pg	9:38:45.80		-0.15	
			Sg	38:53.52		-1.21	
KOGS	102.3	5	Sg	9:39:07.26		-0.01	
GROS	114.7	334	Pn	9:38:55.66		0.49	
			Sn	39:09.92		-1.22	
PERS	146.2	327	Pn	9:38:59.52		0.42	
			Sn	39:18.49		0.35	
SOKA	153.7	326	Sn	9:39:20.76		0.96	
KOVH	164.2	68	Sn	9:39:21.37		-0.77	
PKSV	169.0	76	Sn	9:39:22.88		-0.32	

Földrengés paraméterek

670.

2022-04-18 time: 19:55:47.26 UTC ML= 1.7
 lat: 47.097N lon: 19.739E h= 9.2 km
 erh= 1.3km erz= 1.2km
 nr= 37 gap= 96 rms=0.59
 Locality: Csemő
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSN	24.3	156	Pg	19:55:51.71		-0.19	
			Sg	55:55.87		0.35	
PKS7	44.2	263	Pg	19:55:55.87		0.54	
			Sg	56:02.27		0.65	
BSZH	45.9	61	Pg	19:55:55.44		-0.19	
			Sg	56:02.79		0.63	
PKS6	56.9	193	Pg	19:55:57.63		0.08	
			Sg	56:07.05		1.48	
PKB2	60.4	219	Pg	19:55:57.99		-0.17	
			Sg	56:06.52		-0.15	
PKS2	78.3	211	Pg	19:56:01.12		-0.22	
			Sg	56:12.40		0.07	
PKB1	80.0	244	Pg	19:56:02.23		0.59	
			Sg	56:13.07		0.21	
PENC	84.4	336	Pg	19:56:02.31		-0.12	
PKB3	85.6	209	Pg	19:56:02.46		-0.17	
			Sg	56:13.54		-1.09	
PSZ	92.1	7	Pg	19:56:02.99		-0.79	
			Sg	56:14.69		-1.98	
PKB5	94.7	234	Pg	19:56:03.87		-0.38	
			Sg	56:16.78		-0.72	
PKSG	107.2	288	P*	19:56:06.43		-0.02	
			S*	56:20.47		-0.94	
PKB4	109.4	232	Pn	19:56:06.52		-0.24	
CSKK	115.8	285	Sn	19:56:22.72		-0.66	
PKS9	125.0	243	Pn	19:56:09.48		0.78	
			Sn	56:25.44		0.02	
MORH	128.9	221	Pn	19:56:09.05		-0.14	
			Sn	56:26.06		-0.23	
PKSM	129.4	220	Pn	19:56:09.20		-0.05	
			Sn	56:26.06		-0.34	
PKST	130.4	278	Pn	19:56:10.20		0.82	
			Sn	56:26.40		-0.23	
KOVS	168.4	228	Sn	19:56:37.89		2.84*	
VYHS	169.4	336	eSn	19:56:36.50		1.22	
ABAH	174.5	40	Pn	19:56:16.85		1.97	
			Sn	56:39.03		2.61*	

671.

2022-04-19 time: 7:40:59.71 UTC ML= 1.6
 lat: 47.303N lon: 18.501E h= 0.0 km
 erh= 3.0km erz= 6.4km
 nr= 10 gap=118 rms=0.88
 Locality: Pátka
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	13.0	320	PgU	7:41:03.05		1.02	
			Sg	41:03.50		-0.34	
CSKK	19.4	290	Pg	7:41:03.20		0.02	
			Sg	41:04.56		-1.32	
PKST	35.6	262	Pg	7:41:07.30		1.22	
			Sg	41:10.18		-0.87	
MORH	121.3	175	Sg	7:41:38.17		-0.10	
PKSM	121.7	175	Sg	7:41:38.09		-0.31	
PSZ	125.2	57	Sg	7:41:39.03		-0.46	
VYHS	134.8	11	Sn	7:41:40.60		-1.56	

166

Hypocenter Parameters

672.

2022-04-19 time: 8:28:19.83 UTC ML= 1.4
 lat: 48.897N lon: 21.052E h= 0.0 km
 erh= 2.2km erz= 4.6km
 nr= 8 gap= 95 rms=0.69
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
STHS	59.5	14	Sg	8:28:38.38		-0.37	
KECS	62.1	222	Pg	8:28:31.72		0.80	
			Sg	28:39.48		-0.08	
ABAH	68.2	168	Sg	8:28:40.88		-0.64	
NIE	79.2	317	Sg	8:28:44.50		-0.51	
KOLS	89.6	87	Pg	8:28:36.57		0.73	
			Sg	28:48.03		-0.29	
PSZ	138.5	218	Sn	8:29:01.74		-1.35	

673.

2022-04-19 time: 8:40:33.97 UTC ML= 1.9
 lat: 48.602N lon: 20.749E h= 0.0 km
 erh= 5.2km erz= 963km
 nr= 5 gap=190 rms=0.45
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	23.5	236	Pg	8:40:38.58		0.41	
			Sg	40:40.93		-0.51	
ABAH	49.7	133	Pg	8:40:43.12		0.27	
			Sg	40:48.73		-1.04	
LANS	112.1	303	Pg	8:40:53.94		-0.05	

674.

2022-04-19 time: 9:12:07.60 UTC ML= 1.6
 lat: 46.983N lon: 22.729E h= 0.0 km
 erh= 2.7km erz= 1.8km
 nr= 8 gap=313 rms=0.27
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	21.3	184	Pg	9:12:11.59		0.19	
			Sg	12:14.41		0.05	
SIRR	114.1	226	Pg	9:12:27.84		-0.14	
			Sg	12:43.89		0.02	
BZS	174.3	209	Pn	9:12:36.77		0.40	
			Sn	12:58.41		-0.40	
GZR	176.7	179	Pn	9:12:36.36		-0.30	
			Sn	12:57.22		-2.12*	

675.

2022-04-19 time: 9:52:23.97 UTC ML= 1.1
 lat: 47.858N lon: 16.051E h= 0.0 km
 erh= 1.8km erz= 2.9km
 nr= 7 gap=123 rms=0.86
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	16.1	299	Pg	9:52:27.54		0.69	
			Sg	52:29.57		0.47	
RONA	25.5	134	PgU	9:52:29.05		0.52	
			Sg	52:32.42		0.34	
ARSA	78.4	210	Sg	9:52:47.52		-1.36	
KRUC	136.2	11	Pn	9:52:47.71		-0.28	
			Sn	53:04.30		-2.43	

Hypocenter Parameters

676.

2022-04-19 time: 10:24:32.74 UTC ML= 2.1
 lat: 47.904N lon: 20.070E h= 0.0 km
 erh= 5.9km erz= 8.8km
 nr= 10 gap=195 rms=0.88
 Locality: Parád
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	13.2	277	Pg	10:24:	35.72	0.62	
			Sg	24:	37.13	0.19	
PENC	60.3	258	Sg	10:24:	50.65	-1.27	
KECS	71.4	26	Pg	10:24:	46.69	1.19	
			Sg	24:	54.93	-0.52	
ABAH	97.4	63	Pg	10:24:	50.30	0.16	
			Sg	25:	02.06	-1.65	
VYHS	112.8	306	Pg	10:24:	52.93	0.05	
			Sg	25:	06.37	-2.21	
LANS	145.6	342	Pn	10:24:	58.14	0.21	

677.

2022-04-19 time: 11:19:42.45 UTC ML= 1.3
 lat: 46.023N lon: 21.864E h= 0.0 km
 erh= 5.1km erz= ***km
 nr= 7 gap=127 rms=0.98
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SIRR	31.4	330	Pg	11:19:	48.29	0.23	
			Sg	19:	52.31	-0.12	
BZS	49.1	203	Pg	11:19:	51.60	0.38	
			Sg	19:	56.54	-1.53	
GZR	99.8	135	Pg	11:20:	01.62	1.36	
			Sg	20:	13.40	-0.76	
DRGR	107.4	37	Sg	11:20:	14.80	-1.79	

678.

2022-04-19 time: 13:25:52.42 UTC ML= 2.1
 lat: 48.542N lon: 22.821E h= 0.0 km
 erh= 4.0km erz= 4.0km
 nr= 10 gap=156 rms=0.88
 Locality: Ukraine
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
TRPA	50.3	205	Sg	13:26:	08.62	0.22	
KOLS	59.3	317	Pg	13:26:	02.74	-0.27	
			Sg	26:	11.13	-0.15	
BMR	108.9	152	Sg	13:26:	25.60	-1.45	
ABAH	120.2	257	Pg	13:26:	14.23	0.34	
			Sg	26:	29.65	-0.98	
KWP	121.5	356	Sg	13:26:	30.41	-0.62	
KECS	172.7	268	Pn	13:26:	22.93	1.95	
			Sn	26:	42.82	-0.44	
NIE	207.9	298	Sn	13:26:	51.19	0.11	

679.

2022-04-20 time: 1:45:30.81 UTC ML= 2.1
 lat: 45.517N lon: 16.323E h= 12.1 km
 erh= 3.0km erz= 2.1km
 nr= 19 gap=155 rms=0.70
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZAG	43.2	324	Pg	1:45:	38.87	0.06	
			Sg	45:	44.95	-0.11	
PTJ	51.2	326	Pg	1:45:	39.87	-0.34	
			Sg	45:	46.62	-0.92	

Földrengés paraméterek

CRES	75.8	297	Pg	1:45:45.36	0.85
			Sg	45:54.07	-1.13
KOGS	103.7	357	P*	1:45:49.75	0.55
			S*	46:03.31	-0.24
BLY	108.9	142	Pn	1:45:49.82	-0.07
			Sn	46:03.38	-1.39
GROS	122.7	329	Pn	1:45:52.27	0.66
			Sn	46:06.95	-0.88
KOVH	152.0	65	Pn	1:45:54.53	-0.73
			Sn	46:15.22	0.89
PERS	155.5	323	Sn	1:46:15.51	0.40
PKSV	155.8	75	Sn	1:46:15.47	0.30
SOKA	163.2	322	Sn	1:46:17.98	1.18
PKSM	195.9	67	Sn	1:46:27.92	3.86*
MORH	196.2	67	Sn	1:46:27.92	3.77*

680.

2022-04-20 time: 6:56:54.44 UTC ML= 1.0
 lat: 48.064N lon: 21.375E h= 0.0 km
 erh= 5.5km erz= ***km
 nr= 5 gap=177 rms=0.56
 Locality: Tiszaladány
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	27.7	339	Pg	6:57:00.14	0.76		
			Sg	57:02.65	-0.58		
KECS	80.8	305	Sg	6:57:19.63	-0.48		
TRPA	87.1	85	Sg	6:57:22.10	-0.01		
PSZ	111.7	262	Sg	6:57:29.50	-0.42		

681.

2022-04-20 time: 7:07:58.30 UTC ML= 1.3
 lat: 46.059N lon: 22.855E h= 0.0 km
 erh= 4.4km erz= ***km
 nr= 6 gap=131 rms=0.70
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	19.9	169	Pg	7:08:02.52	0.67		
GZR	74.2	185	Pg	7:08:11.89	0.34		
			Sg	08:20.59	-1.30		
CJR	92.5	38	Sg	7:08:27.09	-0.62		
SIRR	95.2	284	Sg	7:08:29.05	0.50		
BZS	108.0	243	Sg	7:08:31.80	-0.83		

682.

2022-04-20 time: 7:44:59.88 UTC ML= 0.9
 lat: 48.034N lon: 20.750E h= 0.0 km
 erh= 1.7km erz= 296km
 nr= 5 gap=207 rms=0.14
 Locality: Miskolctapolca
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	46.6	51	Pg	7:45:08.12	-0.09		
			Sg	45:14.79	0.08		
KECS	53.6	339	Pg	7:45:09.61	0.15		
			Sg	45:16.67	-0.26		
PSZ	65.1	259	Sg	7:45:20.59	0.01		

683.

2022-04-20 time: 7:53:58.74 UTC ML= 1.9
 lat: 46.872N lon: 17.369E h= 0.0 km
 erh= 3.0km erz= 7.5km
 nr= 11 gap= 95 rms=0.99
 Locality: Lesencetomaj
 Comments: probably explosion

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
MPLH	35.6	21	Pg	7:54:05.77			0.68
			Sg	54:10.47			0.43
TIH	40.0	86	Sg	7:54:10.94			-0.52
PKST	66.3	50	Sg	7:54:18.94			-0.88
PKSG	96.6	53	Pg	7:54:16.67			0.67
			Sg	54:28.35			-1.11
KOGS	97.8	241	Sg	7:54:29.45			-0.37
KOVH	103.6	147	Pg	7:54:18.71			1.46
			Sg	54:31.25			-0.43
PKSM	122.1	127	Sg	7:54:36.03			-1.52
ARSA	146.4	287	Sn	7:54:41.68			-2.08

684.

2022-04-20 time: 8:02:21.11 UTC ML= 1.0
lat: 48.438N lon: 21.428E h= 0.0 km
erh= 7.4km erz= ***km
nr= 6 gap=134 rms=1.18
Locality: Kishuta
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	21.1	222	Pg	8:02:26.08			1.20
			Sg	02:29.21			1.40
KECS	69.9	274	Sg	8:02:42.07			-1.26
KOLS	83.1	48	Sg	8:02:47.56			0.04
TRPA	89.3	113	Sg	8:02:48.14			-1.35
PSZ	127.9	243	Sg	8:03:00.53			-1.22

685.

2022-04-20 time: 9:01:20.71 UTC ML= 0.9
lat: 47.213N lon: 18.297E h= 0.0 km
erh= 2.6km erz= 895km
nr= 10 gap=144 rms=0.71
Locality: Moha
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	16.9	351	Pg	9:01:23.68			-0.05
			Sg	01:26.32			0.24
PKST	20.5	284	Pg	9:01:24.14			-0.24
			Sg	01:26.10			-1.13
PKSG	21.1	20	Pg	9:01:24.58			0.10
			Sg	01:26.95			-0.47
MPLH	57.6	265	Pg	9:01:32.32			1.32
			Sg	01:39.47			0.45
PKB4	83.1	164	Sg	9:01:47.04			-0.08
PKSM	114.4	167	Sg	9:01:55.27			-1.81

686.

2022-04-20 time: 11:44:52.49 UTC ML= 0.9
lat: 46.035N lon: 18.463E h= 0.0 km
erh= 1.7km erz= 361km
nr= 10 gap=190 rms=0.28
Locality: Máriakéménd
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	23.1	225	Pg	11:44:56.49			-0.12
			Sg	45:00.13			0.31
PKSM	24.0	35	Pg	11:44:56.55			-0.23
			Sg	44:59.92			-0.20
MORH	24.5	35	Pg	11:44:56.76			-0.10
			Sg	45:00.02			-0.26
KOVH	28.8	282	Pg	11:44:57.45			-0.17
			Sg	45:01.63			0.00
PKB1	87.1	17	Pg	11:45:08.59			0.55
			Sg	45:20.70			0.53

Hypocenter Parameters

687.

2022-04-21 time: 9:22:26.44 UTC ML= 1.6
lat: 48.581N lon: 20.768E h= 0.0 km
erh= 2.7km erz= 4.7km
nr= 11 gap= 90 rms=0.80
Locality: Tornanádaska
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	23.5	243	Pg	9:22:30.94			0.30
			Sg	22:34.78			0.87
ABAH	47.1	132	Pg	9:22:35.26			0.41
			Sg	22:41.52			0.11
PSZ	98.1	221	Sg	9:22:56.97			-0.67
NIE	99.0	340	Pg	9:22:45.36			1.24
			Sg	22:57.04			-0.87
LANS	114.5	304	Pg	9:22:46.22			-0.68
KOLS	117.4	70	Sg	9:23:02.42			-1.34
VYHS	143.0	266	Pn	9:22:51.64			0.33
			Sn	23:09.20			-1.50

688.

2022-04-21 time: 9:56:09.53 UTC ML= 2.0
lat: 46.102N lon: 21.670E h= 0.0 km
erh= 2.6km erz= 642km
nr= 8 gap=173 rms=0.45
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SIRR	18.4	357	Pg	9:56:12.84			0.02
			Sg	56:15.31			-0.08
BZS	54.1	184	Pg	9:56:19.23			0.04
			Sg	56:25.97			-0.76
DRGR	110.8	46	Pg	9:56:29.46			0.14
			Sg	56:43.96			-0.79
GZR	116.7	132	Pg	9:56:31.22			0.85
			Sg	56:46.31			-0.32

689.

2022-04-21 time: 11:26:57.70 UTC ML= 1.1
lat: 47.858N lon: 16.052E h= 0.0 km
erh= 1.0km erz= 1.6km
nr= 7 gap=123 rms=0.86
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	16.2	299	Pg	11:27:01.25			0.65
			Sg	27:03.37			0.51
RONA	25.4	134	Pg	11:27:03.05			0.81
			Sg	27:06.03			0.25
ARSA	78.4	210	Sg	11:27:21.50			-1.12
KRUC	136.3	11	Pn	11:27:21.16			-0.56
			Sn	27:38.49			-1.97

690.

2022-04-21 time: 11:49:33.09 UTC ML= 1.9
lat: 48.432N lon: 17.223E h= 0.0 km
erh= 1.8km erz= 3.3km
nr= 11 gap=171 rms=0.46
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	7.6	148	Pg	11:49:33.88			-0.58
			Sg	49:35.70			0.18
SMOL	17.7	59	Pg	11:49:35.80			-0.45
			Sg	49:38.93			0.21
KRUC	92.8	319	Pg	11:49:50.22			0.56

Hypocenter Parameters

A338	95.9	119	Sg	50:02.31	-0.28
VYHS	119.5	87	Sg	11:50:03.39	-0.18
			Pg	11:49:54.93	0.50
			Sg	50:11.47	0.40
MORC	151.3	9	Pn	11:49:59.18	0.18
			Sn	50:17.99	-1.21

691.

2022-04-21 time: 17:19:10.07 UTC ML= 0.9
 lat: 47.524N lon: 16.358E h= 7.5 km
 erh= 3.2km erz=12.7km
 nr= 7 gap=145 rms=0.54
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr mn	sec	res
RONA	20.1	347	Pg	17:19:14.50	0.61	
			Sg	19:16.18	-0.70	
CONA	58.4	320	Pg	17:19:21.09	0.52	
			Sg	19:28.69	-0.08	
WINA	68.3	342	Sg	17:19:31.08	-0.82	
ARSA	70.0	244	Sg	17:19:32.10	-0.34	
EGYH	74.4	99	Sg	17:19:33.48	-0.35	

692.

2022-04-22 time: 7:10:41.49 UTC ML= 0.9
 lat: 47.558N lon: 18.683E h= 0.0 km
 erh= 3.6km erz= 594km
 nr= 6 gap=232 rms=0.37
 Locality: Zsámbék
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PBUD	26.9	113	Sg	7:10:49.65	-0.40	
BUD	27.0	108	Sg	7:10:50.40	0.32	
PKSG	28.8	230	Pg	7:10:46.59	-0.04	
			Sg	10:51.45	0.81	
PKST	59.2	236	Sg	7:11:00.23	-0.08	
PKB1	86.5	174	Sg	7:11:08.58	-0.40	

693.

2022-04-22 time: 7:29:47.55 UTC ML= 1.8
 lat: 47.337N lon: 17.673E h= 0.0 km
 erh= 1.8km erz= 2.1km
 nr= 16 gap= 58 rms=1.07
 Locality: Bakony szúcs
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
MPLH	21.1	209	Pg	7:29:51.63	0.30	
			Sg	29:54.59	0.32	
EGYH	27.3	289	Pg	7:29:53.42	1.00	
			Sg	29:57.14	0.92	
PKST	28.7	108	Pg	7:29:53.20	0.53	
			Sg	29:57.73	1.06	
PKSG	54.5	84	Sg	7:30:05.77	0.88	
MODS	119.0	346	Sg	7:30:23.99	-1.39	
PENC	131.1	67	Sn	7:30:28.38	-0.80	
KOVH	142.6	167	Pn	7:30:12.59	0.22	
			Sn	30:30.07	-1.66	
MORH	145.1	149	Pn	7:30:13.33	0.66	
			Sn	30:30.15	-2.12	
PKSM	145.3	149	Sn	7:30:30.38	-1.95	
VYHS	155.3	34	Sn	7:30:32.81	-1.72	
ARSA	162.9	267	Sn	7:30:33.91	-2.32	

Földrengés paraméterek

694.

2022-04-22 time: 7:44:49.11 UTC ML= 1.8
 lat: 47.343N lon: 18.427E h= 0.0 km
 erh= 2.4km erz= 4.5km
 nr= 16 gap= 96 rms=1.07
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKSG	6.1	333	Pg	7:44:50.75	0.56	
			Sg	44:51.14	0.10	
CSKK	12.8	280	Pg	7:44:51.97	0.57	
			Sg	44:53.23	0.05	
PKST	31.2	253	Pg	7:44:55.10	0.42	
			Sg	44:58.37	-0.65	
PKB1	68.0	156	Sg	7:45:11.81	1.08	
MPLH	69.9	254	Pg	7:45:02.59	0.99	
			Sg	45:09.85	-1.48	
PKB5	86.4	164	Sg	7:45:18.11	1.53	
PKB4	95.1	172	Sg	7:45:20.20	0.86	
MORH	126.4	172	Sg	7:45:27.91	-1.38	
PKSM	126.8	173	Sg	7:45:27.60	-1.82	
PSZ	127.5	60	Sg	7:45:27.99	-1.63	
VYHS	131.5	13	Sn	7:45:28.85	-1.98	
KOVH	141.7	190	Sn	7:45:31.44	-1.65	

695.

2022-04-22 time: 12:27:06.07 UTC ML= 1.9
 lat: 47.344N lon: 17.627E h= 0.0 km
 erh= 2.3km erz= 2.7km
 nr= 18 gap= 67 rms=0.94
 Locality: Csót
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
MPLH	20.4	199	Pg	12:27:09.95	0.23	
			Sg	27:12.70	0.14	
EGYH	23.7	290	Pg	12:27:11.13	0.82	
			Sg	27:13.71	0.09	
PKSG	57.9	85	Pg	12:27:16.50	0.08	
			Sg	27:23.87	-0.62	
SRO	73.4	45	Pg	12:27:19.75	0.57	
PKB1	108.2	125	Pg	12:27:25.91	0.52	
MODS	117.4	347	Pg	12:27:26.53	-0.51	
			Sg	27:39.60	-3.80	
KOVH	144.2	165	Pn	12:27:30.61	-0.47	
			Sn	27:49.42	-1.17	
MORH	147.5	148	Pn	12:27:33.09	1.59	
			Sn	27:49.03	-2.30	
PKSM	147.8	148	Sn	12:27:49.40	-1.99	
VYHS	156.6	35	Pn	12:27:33.64	1.01	
			Sn	27:51.70	-1.65	
ARSA	159.5	266	Sn	12:27:53.11	-0.87	

696.

2022-04-23 time: 3:26:56.12 UTC ML= 0.4
 lat: 47.832N lon: 16.252E h= 13.6 km
 erh= 3.0km erz= 2.5km
 nr= 10 gap=121 rms=0.67
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr mn	sec	res
SOP	28.3	126	Pg	3:27:02.06	0.34	
			Sg	27:05.44	-0.65	
CONA	31.1	290	Pg	3:27:03.00	0.82	
			Sg	27:07.20	0.29	
WINA	33.4	336	Pg	3:27:02.72	0.16	
			Sg	27:06.72	-0.87	
ARSA	84.8	220	Sg	3:27:22.37	-1.03	
ABNA	111.3	327	Pn	3:27:15.52	0.23	
			Sn	27:28.82	-1.43	

Földrengés paraméterek

KRUC 137.2 4 Sn 3:27:36.44 0.45
697.

2022-04-23 time: 7:37:56.76 UTC ML= 1.4
lat: 46.175N lon: 18.274E h= 0.0 km
erh= 2.2km erz= 5.1km
nr= 20 gap=101 rms=1.03
Locality: Mánfa
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	16.5	235	Pg	7:37:59.63		-0.09	
			Sg	38:02.29		0.27	
PKSM	28.6	82	Pg	7:38:01.43		-0.45	
			Sg	38:05.59		-0.28	
MORH	28.9	81	Pg	7:38:01.67		-0.26	
			Sg	38:05.98		0.03	
PKSV	31.9	183	Pg	7:38:02.06		-0.39	
			Sg	38:06.68		-0.21	
PKB4	43.8	35	Sg	7:38:10.74		0.04	
PKS9	45.8	0	Pg	7:38:07.09		2.15	
			Sg	38:11.99		0.66	
PKB5	58.7	37	Pg	7:38:08.70		1.46	
			Sg	38:14.97		-0.44	
PKB3	76.1	69	Sg	7:38:22.34		1.38	
PKB1	78.6	30	Sg	7:38:22.34		0.60	
PKB2	92.8	53	Sg	7:38:24.93		-1.34	
PKST	121.9	351	Sg	7:38:34.42		-1.09	
MPLH	124.1	333	Sg	7:38:34.34		-1.87	
CSKK	132.1	360	Sn	7:38:37.00		-1.60	
PKSG	135.6	4	Sn	7:38:36.30		-3.07	

698.

2022-04-24 time: 6:21:27.91 UTC ML= 2.5
lat: 45.672N lon: 17.403E h= 7.8 km
erh= 2.8km erz= 2.5km
nr= 48 gap= 87 rms=1.35
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSV	70.3	70	Pg	6:21:40.49		-0.05	
			Sg	21:49.24		-1.16	
KOVH	71.2	49	Pg	6:21:40.57		-0.13	
			Sg	21:48.82		-1.86	
BEHE	101.1	331	Pg	6:21:46.71		0.69	
			Sg	21:58.82		-1.33	
BLY	104.0	190	Pg	6:21:46.86		0.32	
			Sg	22:00.52		-0.55	
ZAG	111.0	279	Pg	6:21:47.68		-0.10	
			Sg	22:01.94		-1.34	
PKSM	113.3	58	Pn	6:21:47.34		-0.73	
			Sn	22:00.67		-3.12	
MORH	113.7	58	Pn	6:21:47.49		-0.63	
			Sn	22:00.96		-2.92	
PTJ	115.2	283	Pn	6:21:47.68		-0.63	
PKS9	122.2	34	Pn	6:21:49.68		0.50	
KOGS	124.1	314	Pn	6:21:50.17		0.75	
			Sn	22:04.50		-1.69	
PKB4	130.5	45	Pn	6:21:49.87		-0.35	
			Sn	22:06.95		-0.66	
TIH	141.6	15	Pn	6:21:52.71		1.10	
PKB5	145.4	45	Pn	6:21:53.15		1.08	
			Sn	22:08.30		-2.62	
CRES	152.4	276	Pn	6:21:53.28		0.33	
			Sn	22:12.39		-0.08	
PKB3	161.9	59	Sn	6:22:15.83		1.24	
PKB1	163.6	41	Pn	6:21:53.62		-0.73	
			Sn	22:11.89		-3.08	
MPLH	166.9	4	Pn	6:21:56.59		1.84	
			Sn	22:17.24		1.55	
PKS2	167.1	57	Sn	6:22:17.53		1.79	
GROS	171.2	301	Pn	6:21:54.19		-1.11	

170

Hypocenter Parameters

	dist	azm	phase	hr	mn	sec	res
PKB2	180.5	52	Sn	6:22:21.18		2.46	
PKST	183.0	15	Pn	6:21:56.28		-0.48	
			Sn	22:21.29		2.03	
EGYH	194.1	358	Pn	6:21:58.86		0.72	
PKS6	196.3	58	Pn	6:21:57.69		-0.74	
			Sn	22:25.22		2.99	
FRGS	197.7	108	Pn	6:22:01.94		3.34	
CSKK	199.2	19	Pn	6:22:01.97		3.19	
PKSG	205.7	22	Pn	6:22:03.04		3.45	
			Sn	22:28.15		3.85	
SOKA	214.5	301	Pn	6:21:59.85		-0.84	
ARSA	227.2	321	Pn	6:22:02.31		0.03	
OBKA	239.5	293	Pn	6:22:03.57		-0.24	
CONA	277.1	335	Pn	6:22:07.08		-1.41	
			Sn	22:37.09		-3.05	
WINA	289.1	339	Sn	6:22:39.18		-3.63*	
MOA	340.6	315	Pn	6:22:15.53		-0.89*	
			Sn	22:51.92		-2.33*	
KBA	349.2	297	Pn	6:22:16.11		-1.37*	

699.

2022-04-25 time: 7:39:00.24 UTC ML= 0.8
lat: 47.104N lon: 17.955E h= 0.0 km
erh= 2.7km erz= 886km
nr= 8 gap=109 rms=0.63
Locality: Kádárta
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	18.3	19	Pg	7:39:02.95		-0.56	
			Sg	39:05.73		-0.33	
MPLH	32.4	283	Pg	7:39:06.75		0.72	
			Sg	39:10.00		-0.55	
CSKK	37.0	39	Pg	7:39:07.33		0.48	
			Sg	39:12.16		0.16	
PKB5	82.1	134	Sg	7:39:26.73		0.40	
KOVH	113.4	174	Sg	7:39:34.69		-1.59	

700.

2022-04-25 time: 8:13:00.32 UTC ML= 2.0
lat: 48.348N lon: 19.826E h= 0.0 km
erh= 1.7km erz= 2.6km
nr= 18 gap= 81 rms=0.78
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	48.0	174	Pg	8:13:09.51		0.61	
			Sg	13:15.31		-0.28	
KECS	51.1	73	Pg	8:13:09.51		0.06	
			Sg	13:16.56		-0.01	
PENC	74.1	213	Sg	8:13:22.68		-1.19	
VYHS	75.0	283	Pg	8:13:14.29		0.56	
			Sg	13:23.23		-0.95	
LANS	93.1	344	Pg	8:13:17.82		0.88	
			Sg	13:28.95		-0.96	
ABAH	105.0	93	Pg	8:13:20.09		1.02	
			Sg	13:33.03		-0.66	
A338	115.7	251	Pg	8:13:21.82		0.84	
			Sg	13:36.40		-0.69	
NIE	124.3	17	Pg	8:13:22.36		-0.17	
			Sg	13:37.26		-2.59	
STHS	157.9	41	Sn	8:13:46.67		-1.22	
PKST	180.8	228	Sn	8:13:52.08		-0.88	
MODS	188.9	271	Sn	8:13:54.75		-0.02	

Hypocenter Parameters

701.

2022-04-26 time: 7:04:08.06 UTC ML= 1.3
 lat: 47.948N lon: 16.685E h= 0.0 km
 erh= 3.7km erz= 984km
 nr= 9 gap=155 rms=0.78
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SOP	30.9	198	Sg	7:04:	18.14		0.25
RONA	40.1	227	Pg	7:04:	15.65		0.43
			Sg	04:	20.43		-0.39
CONA	61.6	268	Pg	7:04:	19.57		0.52
			Sg	04:	27.42		-0.21
MODS	64.6	43	Pg	7:04:	20.28		0.68
			Sg	04:	28.27		-0.34
ARSA	116.8	228	Sg	7:04:	43.71		-1.49
KRUC	125.7	350	Sg	7:04:	45.67		-2.34

702.

2022-04-26 time: 8:41:46.25 UTC ML= 2.0
 lat: 47.919N lon: 19.328E h= 0.0 km
 erh= 3.7km erz= ***km
 nr= 6 gap=120 rms=0.66
 Locality: Szécsénke
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	14.7	194	Pg	8:41:	49.38		0.51
			Sg	41:	51.50		0.58
PSZ	42.3	90	Sg	8:41:	59.16		-0.54
VYHS	73.7	330	Sg	8:42:	09.98		0.31
PKSG	91.6	230	Sg	8:42:	15.02		-0.35
PKST	121.9	233	Sg	8:42:	23.46		-1.53

703.

2022-04-26 time: 10:31:11.86 UTC ML= 0.6
 lat: 47.238N lon: 18.247E h= 0.0 km
 erh= 2.6km erz= 330km
 nr= 6 gap=246 rms=0.20
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	13.9	4	Pg	10:31:	14.61		0.26
			Sg	31:	16.46		0.17
PKST	16.2	278	Pg	10:31:	14.81		0.05
			Sg	31:	16.65		-0.37
PKSG	20.3	33	Pg	10:31:	15.32		-0.16
			Sg	31:	18.17		-0.13

704.

2022-04-26 time: 10:37:57.40 UTC ML= 1.2
 lat: 46.103N lon: 18.116E h= 0.0 km
 erh= 1.3km erz= 314km
 nr= 9 gap=177 rms=0.24
 Locality: Kővágótőtös
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	2.1	217	Pg	10:37:	57.73		-0.04
			Sg	37:	58.24		0.18
PKSV	26.1	156	Sg	10:38:	05.40		-0.29
PKSM	42.3	73	Pg	10:38:	05.14		0.18
			Sg	38:	10.69		-0.16
MORH	42.7	73	Pg	10:38:	05.12		0.10
			Sg	38:	11.06		0.10
PKB5	72.5	41	Pg	10:38:	09.96		-0.39
PKB1	91.8	34	Sg	10:38:	27.11		0.52

Földrengés paraméterek

705.

2022-04-26 time: 11:20:35.91 UTC ML= 1.4
 lat: 47.572N lon: 18.414E h= 0.0 km
 erh= 3.1km erz= 8.8km
 nr= 15 gap=158 rms=0.89
 Locality: Tatabánya
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	20.1	185	Pg	11:20:	39.61		0.11
			Sg	20:	42.16		-0.14
CSKK	25.9	206	Pg	11:20:	40.71		0.17
			Sg	20:	43.69		-0.46
PKST	45.1	219	Pg	11:20:	44.24		0.29
			Sg	20:	48.63		-1.60
PENC	69.5	70	Pg	11:20:	48.67		0.35
			Sg	20:	56.67		-1.34
PKB1	92.1	162	Pg	11:20:	53.26		0.90
			Sg	21:	05.13		-0.06
VYHS	107.2	17	Pg	11:20:	55.92		0.86
			Sg	21:	08.62		-1.37
PSZ	117.5	71	Pg	11:20:	57.84		0.95
			Sg	21:	11.25		-2.01
PKSM	152.2	173	Sn	11:21:	19.57		-2.64

706.

2022-04-26 time: 11:51:33.92 UTC ML= 0.8
 lat: 47.862N lon: 16.045E h= 0.0 km
 erh= 0.3km erz= 0.5km
 nr= 6 gap=123 rms=0.97
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	15.6	298	Pg	11:51:	37.29		0.59
			Sg	51:	39.33		0.46
RONA	26.1	134	Pg	11:51:	39.09		0.52
			Sg	51:	42.46		0.26
ARSA	78.5	210	Sg	11:51:	57.59		-1.28
KRUC	135.9	11	Sn	11:52:	14.13		-2.48

707.

2022-04-27 time: 0:27:36.50 UTC ML= 1.5
 lat: 45.709N lon: 21.813E h= 2.3 km
 erh= 2.5km erz= 4.5km
 nr= 8 gap=120 rms=0.52
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
BZS	18.5	236	Pg	0:27:	39.89		0.06
			Sg	27:	41.69		-0.74
SIRR	63.2	349	Pg	0:27:	48.43		0.64
			Sg	27:	55.57		-1.02
BANR	64.2	236	Pg	0:27:	48.43		0.45
			Sg	27:	56.51		-0.42
GZR	83.0	115	Sg	0:28:	02.83		-0.07
DRGR	138.8	30	Sn	0:28:	19.01		-0.28

708.

2022-04-27 time: 7:11:28.02 UTC ML= 1.6
 lat: 47.684N lon: 18.555E h= 0.0 km
 erh= 1.8km erz= 3.6km
 nr= 25 gap= 62 rms=1.07
 Locality: Nagysáp
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SRO	23.1	308	Pg	7:11:	31.99		-0.15
			Sg	11:	35.32		-0.03

Földrengés paraméterek

PKSG	34.8	201	Pg	7:11:34.34	0.11
			Sg	11:39.51	0.44
A338	39.8	338	Sg	7:11:40.26	-0.40
BUD	41.8	122	Sg	7:11:40.81	-0.48
CSKK	42.0	212	Pg	7:11:36.28	0.76
			Sg	11:41.65	0.28
PENC	55.8	78	Pg	7:11:38.77	0.79
			Sg	11:46.38	0.63
PKST	61.4	220	Pg	7:11:39.28	0.29
			Sg	11:48.14	0.60
VYHS	92.4	13	Pg	7:11:46.23	1.71
			Sg	11:56.18	-1.22
EGYH	96.7	252	Sg	7:11:58.94	0.18
PKB1	101.7	170	Pg	7:11:47.75	1.58
			Sg	11:59.43	-0.90
PSZ	103.7	75	Pg	7:11:47.01	0.48
			Sg	11:59.24	-1.74
PKB5	121.9	174	Sg	7:12:05.78	-0.98
MODS	122.3	309	Sg	7:12:03.68	-3.20
MORH	163.4	178	Pn	7:11:55.32	-0.10
			Sn	12:13.71	-3.09
PKSM	163.8	178	Pn	7:11:54.53	-0.95
			Sn	12:13.79	-3.11

709.

2022-04-27 time: 8:50:31.01 UTC ML= 1.7					
lat:	48.571N	lon:	20.796E	h=	0.0 km
				erh=	2.0km erz= 3.3km
nr=	13	gap=	90	rms=	0.76
Locality: Tornanádaska					
Comments: probably explosion					
sta	dist	azm	phase	hr mn sec	res
KECS	24.9	247	Pg	8:50:35.67	0.21
			Sg	50:39.74	0.80
ABAH	44.9	133	Sg	8:50:45.23	-0.06
PSZ	98.8	223	Pg	8:50:49.23	0.58
			Sg	51:01.85	-0.56
NIE	100.6	339	Pg	8:50:50.09	1.11
			Sg	51:02.95	-0.05
KOLS	115.8	70	Sg	8:51:07.81	-0.03
LANS	116.8	303	Pg	8:50:51.42	-0.45
			Sg	51:06.65	-1.49
TRPA	138.2	111	Sn	8:51:12.37	-1.84
VYHS	145.0	267	Pn	8:50:56.28	0.15
			Sn	51:14.25	-1.46

710.

2022-04-27 time: 9:35:27.39 UTC ML= 1.0					
lat:	47.228N	lon:	18.268E	h=	0.0 km
				erh=	1.4km erz= 178km
nr=	6	gap=	254	rms=	0.10
Locality: Iszkaszentgyörgy					
Comments: probably explosion					
sta	dist	azm	phase	hr mn sec	res
CSKK	15.0	358	Pg	9:35:30.24	0.16
			Sg	35:32.20	0.03
PKST	18.0	281	Pg	9:35:30.63	0.02
			Sg	35:32.95	-0.17
PKSG	20.4	27	Pg	9:35:30.95	-0.09
			Sg	35:33.85	-0.04

711.

2022-04-27 time: 10:07:22.60 UTC ML= 1.9					
lat:	48.821N	lon:	21.611E	h=	0.0 km
				erh=	2.6km erz= 5.2km
nr=	16	gap=	67	rms=	0.97
Locality: Slovakia					
Comments: probably explosion					

172

Hypocenter Parameters

sta	dist	azm	phase	hr mn sec	res
KOLS	50.1	76	Pg	10:07:32.56	1.02
			Sg	07:37.79	-0.73
ABAH	64.6	205	Pg	10:07:35.69	1.57
			Sg	07:42.12	-1.00
STHS	71.4	338	Pg	10:07:35.68	0.33
			Sg	07:44.71	-0.59
KECS	91.1	246	Pg	10:07:39.75	0.89
			Sg	07:50.27	-1.27
TRPA	103.0	138	Pg	10:07:40.62	-0.37
			Sg	07:54.26	-1.08
NIE	115.7	305	Pg	10:07:43.60	0.34
			Sg	07:57.24	-2.14
KWP	120.4	42	Pg	10:07:44.46	0.37
			Sg	07:59.05	-1.80
PSZ	162.1	232	Pn	10:07:50.34	0.50
			Sn	08:09.78	-1.31

712.

2022-04-28 time: 1:26:11.96 UTC ML= 1.0
lat: 46.241N lon: 19.047E h= 5.5 km
erh= 1.1km erz= 4.6km
nr= 13 gap=235 rms=0.20
Locality: Érsekcsanád
Comments:

sta	dist	azm	phase	hr mn sec	res
PKB3	23.3	29	PgD	1:26:16.10	-0.13
			Sg	26:19.64	0.08
PKS2	30.7	25	Pg	1:26:17.46	-0.06
			Sg	26:21.98	0.11
MORH	31.2	265	PgD	1:26:17.73	0.12
			Sg	26:21.81	-0.21
PKSM	31.5	264	Pg	1:26:17.74	0.08
			Sg	26:21.98	-0.13
PKB4	44.4	310	Pg	1:26:20.40	0.46
			Sg	26:26.11	-0.05
PKB5	46.0	329	Pg	1:26:20.39	0.15
			Sg	26:26.29	-0.41
PKB2	50.4	17	Pg	1:26:20.78	-0.24

713.

2022-04-28 time: 6:49:46.91 UTC ML= 1.7
lat: 48.436N lon: 17.233E h= 0.0 km
erh= 1.7km erz= 424km
nr= 6 gap=164 rms=0.25
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MODS	7.6	154	PgU	6:49:48.03	-0.24
			Sg	49:49.67	0.34
SMOL	16.9	59	Pg	6:49:49.67	-0.26
			Sg	49:52.61	0.33
KRUC	93.0	319	Pg	6:50:03.71	0.20
			Sg	50:16.41	-0.05

714.

2022-04-28 time: 7:03:10.36 UTC ML= 1.5
lat: 47.791N lon: 19.038E h= 0.0 km
erh= 8.3km erz= 917km
nr= 6 gap=259 rms=0.61
Locality: Dunabogdány
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	18.3	90	Pg	7:03:13.91	0.29
			Sg	03:16.89	0.72
PSZ	65.7	78	Pg	7:03:21.47	-0.62
			Sg	03:30.61	-0.62
VYHS	79.6	349	Pg	7:03:25.24	0.66
			Sg	03:34.88	-0.79

Hypocenter Parameters

715.

2022-04-28 time: 7:29:43.98 UTC ML= 2.0
 lat: 48.516N lon: 19.159E h= 0.0 km
 erh= 1.8km erz= 6.4km
 nr= 9 gap=114 rms=0.74
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	24.0	264	Pg	7:29:	48.60	0.34	
			Sg	29:	51.42	-0.18	
LANS	74.1	18	Pg	7:29:	58.30	1.08	
			Sg	30:	07.02	-0.53	
PENC	81.2	174	Sg	7:30:	09.75	-0.03	
A338	81.8	227	Sg	7:30:	09.04	-0.93	
PSZ	86.0	141	Sg	7:30:	11.18	-0.14	
KECS	98.1	92	Sg	7:30:	15.00	-0.17	
NIE	131.3	40	Sn	7:30:	23.07	-2.56	

716.

2022-04-28 time: 7:59:17.74 UTC ML= 1.6
 lat: 47.845N lon: 19.094E h= 0.0 km
 erh= 4.9km erz= 643km
 nr= 6 gap=232 rms=0.38
 Locality: Szendehely
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	15.3	113	Pg	7:59:	20.12	-0.35	
			Sg	59:	22.97	0.36	
PSZ	60.4	82	Pg	7:59:	28.58	0.05	
			Sg	59:	36.82	-0.12	
VYHS	74.6	345	Pg	7:59:	31.56	0.49	
			Sg	59:	40.81	-0.65	

717.

2022-04-28 time: 8:28:22.58 UTC ML= 1.6
 lat: 48.519N lon: 17.463E h= 0.0 km
 erh= 1.6km erz= 5.5km
 nr= 10 gap=144 rms=0.43
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	2.6	259	Pg	8:28:	22.70	-0.35	
			Sg	28:	23.25	-0.16	
MODS	21.2	221	Pg	8:28:	26.55	0.19	
			Sg	28:	29.92	0.61	
KRUC	99.1	308	Pg	8:28:	40.85	0.58	
			Sg	28:	53.95	-0.12	
VYHS	101.5	92	Sg	8:28:	54.52	-0.31	
RONA	125.9	224	Pg	8:28:	45.12	0.06	
			Sg	29:	01.90	-0.69	
CONA	135.9	241	Sn	8:29:	03.62	-1.64	

718.

2022-04-28 time: 8:48:01.07 UTC ML= 1.5
 lat: 47.698N lon: 16.131E h= 9.8 km
 erh= 2.2km erz= 1.8km
 nr= 18 gap=106 rms=0.81
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.4	89	PgU	8:48:	04.28	0.38	
			Sg	48:	06.11	0.00	
SOP	32.2	93	Pg	8:48:	07.32	0.24	
			Sg	48:	11.10	-0.66	
CONA	32.6	322	Pg	8:48:	07.43	0.29	

Földrengés paraméterek

			Sg	48:10.95	-0.93
WINA	45.7	355	Pg	8:48:09.81	0.40
			Sg	48:15.63	-0.29
ARSA	67.6	223	PgD	8:48:12.93	-0.35
			Sg	48:20.98	-1.82
MODS	113.8	49	Sn	8:48:34.84	-1.77
MOA	140.8	277	Pn	8:48:26.21	1.81
			Sn	48:42.80	0.21
PERS	140.9	213	Pn	8:48:25.74	1.32
			Sn	48:41.88	-0.75
GROS	145.6	199	Sn	8:48:43.33	-0.34
KRUC	152.9	7	Pn	8:48:26.39	0.48
			Sn	48:44.15	-1.13

719.

2022-04-28 time: 8:52:45.64 UTC ML= 1.3
 lat: 46.163N lon: 18.295E h= 0.0 km
 erh= 1.6km erz= 3.0km
 nr= 16 gap=109 rms=0.68
 Locality: Zobákpuszta
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	17.2	241	Pg	8:52:	48.46	-0.25	
			Sg	52:	51.36	0.25	
PKSM	27.3	78	Pg	8:52:	50.38	-0.13	
			Sg	52:	54.14	-0.17	
MORH	27.6	78	Pg	8:52:	50.50	-0.06	
			Sg	52:	53.99	-0.41	
PKSV	30.7	186	Pg	8:52:	51.32	0.21	
			Sg	52:	55.24	-0.14	
PKB4	44.0	33	Sg	8:53:	00.22	0.59	
PKS9	47.2	358	Sg	8:53:	01.79	1.16	
PKB5	58.8	35	Sg	8:53:	04.37	0.05	
PKB1	78.9	29	Pg	8:53:	01.32	1.59	
			Sg	53:	10.33	-0.40	
PKST	123.5	351	Sg	8:53:	23.74	-1.14	
CSKK	133.5	359	Sn	8:53:	26.48	-1.30	
PKSG	136.8	3	Sn	8:53:	27.34	-1.18	

720.

2022-04-28 time: 9:02:27.70 UTC ML= 1.8
 lat: 47.337N lon: 18.427E h= 0.0 km
 erh= 1.7km erz= 2.9km
 nr= 17 gap=104 rms=0.80
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	6.7	336	PgU	9:02:	29.22	0.33	
			Sg	02:	29.48	-0.34	
CSKK	12.9	283	Pg	9:02:	30.67	0.67	
			Sg	02:	32.07	0.27	
PKST	30.9	254	Pg	9:02:	33.75	0.53	
			Sg	02:	36.97	-0.56	
SRO	53.6	351	Sg	9:02:	44.81	0.06	
PKB5	85.8	164	Sg	9:02:	56.10	1.14	
PKB4	94.4	172	Sg	9:02:	58.37	0.66	
MORH	125.7	172	Sg	9:03:	06.52	-1.14	
PKSM	126.1	173	Sg	9:03:	06.29	-1.50	
PSZ	127.9	60	Pg	9:02:	50.84	0.31	
			Sg	03:	07.46	-0.88	
VYHS	132.2	13	Pn	9:02:	51.70	0.48	
			Sn	03:	07.93	-1.63	
KOVH	141.0	190	Sn	9:03:	10.13	-1.39	
MODS	143.8	323	Sn	9:03:	09.03	-3.11	

Földrengés paraméterek

721.

2022-04-28 time: 9:21:45.16 UTC ML= 1.7
 lat: 48.618N lon: 20.906E h= 0.0 km
 erh= 2.1km erz= 3.2km
 nr= 17 gap= 79 rms=0.92
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	34.5	244	Pg	9:21	:51	.65	0.33
			Sg	21	:56	.44	0.31
ABAH	43.5	145	Pg	9:21	:53	.74	0.82
			Sg	21	:58	.08	-0.90
STHS	92.2	16	Sg	9:22	:14	.20	-0.27
NIE	99.1	334	Pg	9:22	:05	.26	2.40
			Sg	22	:15	.41	-1.25
KOLS	106.4	71	Sg	9:22	:18	.44	-0.54
PSZ	108.2	224	Pg	9:22	:04	.91	0.43
			Sg	22	:19	.10	-0.44
LANS	121.0	299	Pg	9:22	:07	.07	0.30
			Sg	22	:22	.04	-1.58
TRPA	132.6	114	Pn	9:22	:08	.79	0.07
			Sn	22	:25	.02	-2.08
VYHS	153.5	265	Pn	9:22	:11	.10	-0.23
			Sn	22	:30	.77	-0.97
KWP	173.2	49	Sn	9:22	:35	.76	-0.35

722.

2022-04-28 time: 9:40:09.41 UTC ML= 0.9
 lat: 47.201N lon: 18.302E h= 0.0 km
 erh= 1.1km erz= 2.0km
 nr= 10 gap=121 rms=0.39
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	18.3	350	Pg	9:40	:13	.05	0.37
			Sg	40	:14	.81	-0.41
PKST	21.2	288	Pg	9:40	:13	.20	0.00
			Sg	40	:15	.87	-0.29
PKSG	22.3	18	Pg	9:40	:13	.67	0.28
			Sg	40	:16	.81	0.32
MORH	112.6	167	Sg	9:40	:45	.46	0.25
PKSM	113.0	167	Sg	9:40	:44	.91	-0.42
PSZ	144.0	56	Sn	9:40	:53	.15	-0.74
VYHS	149.2	16	Sn	9:40	:53	.30	-1.75

723.

2022-04-28 time: 9:43:00.13 UTC ML= 1.6
 lat: 48.544N lon: 20.781E h= 0.0 km
 erh= 1.8km erz= 3.2km
 nr= 12 gap= 94 rms=0.74
 Locality: Bódvalenke
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	22.9	253	Pg	9:43	:04	.02	-0.19
			Sg	43	:07	.78	0.38
ABAH	43.7	129	Pg	9:43	:07	.78	-0.16
			Sg	43	:14	.84	0.81
PSZ	95.8	223	Pg	9:43	:17	.82	0.58
			Sg	43	:30	.36	-0.22
NIE	103.2	341	Pg	9:43	:19	.70	1.14
			Sg	43	:32	.32	-0.61
KOLS	118.0	68	Sg	9:43	:37	.02	-0.61
TRPA	138.2	109	Pn	9:43	:24	.01	-0.39
			Sn	43	:40	.55	-2.78
VYHS	143.8	268	Sn	9:43	:42	.90	-1.67

174

Hypocenter Parameters

724.

2022-04-28 time: 10:14:07.00 UTC ML= 1.9
 lat: 48.226N lon: 21.267E h= 0.0 km
 erh= 2.8km erz= 3.4km
 nr= 13 gap=155 rms=0.73
 Locality: Tállya
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	8.1	345	Pg	10:14	:07	.89	-0.56
			Sg	14	:09	.77	0.20
KECS	64.6	296	Pg	10:14	:19	.68	1.14
			Sg	14	:26	.73	-0.81
TRPA	95.2	96	Pg	10:14	:24	.23	0.23
			Sg	14	:36	.42	-0.84
PSZ	107.9	252	Pg	10:14	:26	.66	0.39
			Sg	14	:40	.03	-1.26
KOLS	108.2	43	Pg	10:14	:27	.05	0.73
			Sg	14	:40	.19	-1.19
NIE	150.0	332	Pn	10:14	:33	.32	0.57
			Sn	14	:52	.21	-0.61
LANS	167.7	308	Sn	10:14	:56	.13	-0.62

725.

2022-04-28 time: 10:47:55.68 UTC ML= 1.3
 lat: 46.050N lon: 22.071E h= 0.0 km
 erh= 3.4km erz= ***km
 nr= 7 gap=112 rms=0.69
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SIRR	39.9	307	Pg	10:48	:03	.48	0.67
			Sg	48	:07	.32	-1.05
BZS	59.8	216	Pg	10:48	:06	.77	0.42
			Sg	48	:13	.98	-0.69
GZR	91.4	143	Sg	10:48	:24	.17	-0.55
DRGR	96.0	31	Pg	10:48	:13	.35	0.53
			Sg	48	:25	.11	-1.08

726.

2022-04-28 time: 10:58:11.93 UTC ML= 1.0
 lat: 47.885N lon: 16.074E h= 0.0 km
 erh= 0.6km erz= 1.1km
 nr= 6 gap=131 rms=0.91
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	16.6	287	Pg	10:58	:15	.49	0.59
			Sg	58	:17	.45	0.23
RONA	26.5	141	Pg	10:58	:17	.22	0.56
			Sg	58	:20	.43	0.09
ARSA	81.8	210	Sg	10:58	:36	.82	-1.12
KRUC	133.0	10	Sn	10:58	:51	.55	-2.42

727.

2022-04-28 time: 11:08:43.20 UTC ML= 1.8
 lat: 48.683N lon: 21.480E h= 0.0 km
 erh= 2.6km erz= 7.1km
 nr= 13 gap= 76 rms=0.83
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	46.6	202	Pg	11:08	:51	.65	0.12
			Sg	09	:00	.29	2.27
KOLS	64.5	64	Pg	11:08	:55	.49	0.77
			Sg	09	:04	.13	0.42
KECS	76.7	253	Pg	11:08	:56	.28	-0.62

Hypocenter Parameters

		Sg	09:06.94	-0.64
STHS	83.4 348	Pg	11:08:57.77	-0.32
		Sg	09:10.08	0.38
TRPA	99.6 128	Pg	11:09:00.90	-0.09
		Sg	09:12.98	-1.89
NIE	118.2 314	Pg	11:09:05.22	0.91
		Sg	09:18.63	-2.14
LANS	156.4 289	Pn	11:09:09.68	-0.06

728.

2022-04-29 time: 7:23:03.00 UTC ML= 1.4
lat: 46.144N lon: 18.047E h= 0.0 km
erh= 2.0km erz= 273km
nr= 7 gap=289 rms=0.18
Locality: Hetvehely
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
KOVH	7.5	147	Pg	7:23:04.34	0.01	
			Sg	23:05.59	0.22	
PKSV	32.6	151	Sg	7:23:12.72	-0.64	
PKSM	46.5	81	Pg	7:23:11.47	0.16	
			Sg	23:17.59	-0.20	
MORH	46.8	80	Pg	7:23:11.31	-0.05	
			Sg	23:17.90	0.02	

729.

2022-04-29 time: 7:24:30.58 UTC ML= 1.3
lat: 47.066N lon: 18.023E h= 0.0 km
erh= 2.7km erz= 910km
nr= 10 gap=125 rms=0.72
Locality: Balatonfüzfő
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKST	21.5	2	Pg	7:24:34.39	-0.02	
			Sg	24:37.05	-0.36	
CSKK	37.6	29	Sg	7:24:42.02	-0.52	
MPLH	38.5	288	Pg	7:24:38.15	0.71	
			Sg	24:42.30	-0.50	
MORH	105.8	153	Pg	7:24:50.23	0.76	
			Sg	25:02.73	-1.47	
PKSM	106.1	153	Pg	7:24:50.19	0.67	
			Sg	25:02.93	-1.37	
KOVH	108.8	177	Sg	7:25:04.77	-0.40	

730.

2022-04-29 time: 8:03:08.82 UTC ML= 1.5
lat: 47.878N lon: 19.424E h= 0.0 km
erh= 2.2km erz= 3.3km
nr= 15 gap=145 rms=0.81
Locality: Bercel
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PENC	14.4	228	Pg	8:03:11.11	-0.29	
			Sg	03:15.81	2.40	
PSZ	35.5	83	Pg	8:03:15.66	0.50	
			Sg	03:20.52	0.42	
VYHS	81.2	327	Pg	8:03:24.59	1.26	
			Sg	03:34.63	-0.02	
A338	81.5	281	Sg	8:03:34.44	-0.28	
PKSG	94.6	235	Sg	8:03:38.13	-0.76	
KECS	103.8	50	Sg	8:03:40.56	-1.24	
CSKK	104.5	237	Sg	8:03:42.16	0.12	
PKST	125.2	237	Pg	8:03:31.31	0.13	
			Sg	03:47.69	-0.92	
LANS	141.5	1	Sn	8:03:51.46	-1.30	
MODS	169.0	289	Sn	8:03:58.04	-0.82	
NIE	183.5	21	Sn	8:04:01.73	-0.33	

Földrengés paraméterek

731.

2022-04-29 time: 8:40:48.96 UTC ML= 1.8
lat: 48.849N lon: 21.834E h= 0.0 km
erh= 2.2km erz= 652km
nr= 8 gap=142 rms=0.48
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
KOLS	33.5	74	Pg	8:40:54.88	-0.06	
			Sg	40:59.66	0.05	
ABAH	75.6	216	Pg	8:41:02.88	0.42	
			Sg	41:13.12	0.13	
STHS	76.4	326	Pg	8:41:01.86	-0.74	
			Sg	41:13.78	0.53	
KECS	107.4	248	Pg	8:41:08.50	0.36	
			Sg	41:22.16	-0.93	

732.

2022-04-29 time: 10:06:02.26 UTC ML= 1.6
lat: 47.718N lon: 16.590E h= 0.0 km
erh= 4.0km erz= 3.9km
nr= 16 gap=172 rms=1.18
Locality: Sopron
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
SOP	4.5	211	PgU	10:06:04.48	1.41	
			Sg	06:05.30	1.60	
RONA	22.1	265	PgU	10:06:06.95	0.75	
			Sg	06:09.14	-0.14	
CONA	59.3	293	Pg	10:06:13.47	0.62	
			Sg	06:20.55	-0.56	
ARSA	95.7	237	Pg	10:06:19.82	0.47	
			Sg	06:30.09	-2.60	
PKST	120.2	115	Pg	10:06:24.21	0.48	
			Sg	06:38.25	-2.23	
PKSG	140.3	105	Pn	10:06:26.96	0.17	
			Sn	06:42.87	-3.05	
GROS	162.3	211	Pn	10:06:29.23	-0.30	
			Sn	06:48.75	-2.06	
SOKA	165.2	226	Pn	10:06:30.56	0.67	
			Sn	06:49.85	-1.59	

733.

2022-04-29 time: 22:51:25.51 UTC ML= 1.3
lat: 48.063N lon: 20.743E h= 10.6 km
erh= 2.2km erz= 2.5km
nr= 9 gap=125 rms=0.37
Locality: Miskolctapolca
Comments:

sta	dist	azm	phase	hr mn	sec	res
ABAH	45.0	55	PgD	22:51:33.61	-0.16	
			Sg	51:39.72	-0.50	
KECS	50.4	338	Pg	22:51:35.33	0.62	
			Sg	51:41.75	-0.14	
PSZ	65.4	256	Pg	22:51:37.34	0.00	
			Sg	51:46.30	-0.27	
LTVH	115.0	131	Pn	22:51:45.53	0.00	
			Sn	52:01.82	0.68	
TRPA	134.0	87	Sn	22:52:04.76	-0.58	

734.

2022-04-30 time: 8:19:20.96 UTC ML= 1.0
lat: 46.204N lon: 18.289E h= 0.0 km
erh= 2.4km erz= 4.8km
nr= 10 gap=135 rms=0.37
Locality: Kisbattyán
Comments: probably explosion

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
KOVH	19.5	229	Pg	8:19:24.44	0.01		
			Sg	19:27.02	-0.12		
PKSM	27.2	88	Pg	8:19:26.18	0.36		
			Sg	19:29.45	-0.16		
MORH	27.4	87	Pg	8:19:25.95	0.09		
			Sg	19:29.06	-0.62		
PKSV	35.2	185	Pg	8:19:27.75	0.51		
			Sg	19:31.81	-0.33		
PKSG	132.3	3	Pn	8:19:44.23	-0.26		
			Sn	19:59.99	-2.85*		

735.

2022-04-30 time: 11:27:23.53 UTC ML= 1.7
lat: 48.638N lon: 20.142E h= 0.0 km
erh= 2.1km erz= 4.5km
nr= 13 gap=107 rms=0.67
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	30.6	124	Pg	11:27:29.44	0.44		
			Sg	27:32.82	-0.45		
LANS	75.5	319	Pg	11:27:37.63	0.63		
			Sg	27:46.49	-1.02		
PSZ	82.1	193	Pg	11:27:38.93	0.74		
			Sg	27:48.84	-0.79		
NIE	87.7	8	Pg	11:27:39.40	0.21		
			Sg	27:50.02	-1.39		
ABAH	89.6	115	Pg	11:27:39.40	-0.13		
			Sg	27:51.63	-0.38		
VYHS	97.7	261	Pg	11:27:41.51	0.53		
			Sg	27:52.80	-1.79		
OJC	177.7	352	Sn	11:28:15.46	-0.02		

736.

2022-05-01 time: 10:36:34.93 UTC ML= 1.3
lat: 45.942N lon: 16.031E h= 4.4 km
erh= 3.7km erz= 5.9km
nr= 7 gap=228 rms=0.38
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
PTJ	7.4	230	PgU	10:36:36.73	0.26		
			Sg	36:37.83	0.16		
ZAG	12.9	193	Pg	10:36:37.24	-0.13		
			Sg	36:38.73	-0.54		
CRES	46.4	254	Pg	10:36:43.79	0.52		
			Sg	36:49.32	-0.44		
GROS	70.7	325	Sg	10:36:56.96	-0.48		

737.

2022-05-01 time: 15:41:54.16 UTC ML= 2.0
lat: 48.628N lon: 20.233E h= 0.0 km
erh= 2.2km erz= 7.0km
nr= 15 gap= 67 rms=0.85
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	24.6	131	Sg	15:42:02.84	0.85		
			Pg	15:42:10.62	2.03		
LANS	80.8	316	Sg	42:19.39	-0.45		
			Pg	15:42:09.82	0.87		
PSZ	82.8	198	Sg	42:19.88	-0.61		
			Pg	15:42:09.51	0.51		
ABAH	83.1	116	Sg	42:19.86	-0.71		
			Pg	15:42:09.98	0.08		
NIE	88.1	4	Sg	42:20.43	-1.75		
			Pg	15:42:12.66	-0.11		
VYHS	104.2	262					

176

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
STHS	114.7	40	Sg	42:26.61		-0.67	
			Pg	15:42:30.22		-0.40	
PENC	116.9	217	Sg	15:42:14.85		-0.19	
			Pg	42:29.59		-1.74	
KOLS	153.7	77	Pn	15:42:20.27		-0.09	

738.

2022-05-01 time: 20:46:31.27 UTC ML= 1.6
lat: 48.869N lon: 22.055E h= 0.1 km
erh= 1.8km erz= 2.5km
nr= 13 gap=110 rms=0.59
Locality: Slovakia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOLS	17.6	66	PgD	20:46:33.84		-0.56	
			Sg	46:37.13		0.28	
STHS	84.9	316	Pg	20:46:45.84		-0.59	
			Sg	46:59.29		1.03	
ABAH	87.6	223	Pg	20:46:47.24		0.33	
			Sg	46:58.94		-0.17	
TRPA	89.6	156	Pg	20:46:47.56		0.29	
			Sg	46:59.79		0.04	
KECS	123.2	250	Sg	20:47:08.18		-2.26	
			Pn	20:46:56.34		0.47	
NIE	141.0	296	Sn	47:14.37		-0.70	
			Pn	20:47:21.40		-0.27	
BMR	170.8	141	Sn	20:47:33.95		1.46	
			Sn	20:47:33.95		1.46	

739.

2022-05-02 time: 4:37:28.38 UTC ML= 1.5
lat: 45.946N lon: 16.037E h= 6.1 km
erh= 0.8km erz= 1.5km
nr= 11 gap=178 rms=0.15
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
PTJ	7.9	230	PgU	4:37:30.05		-0.12	
			Sg	37:31.52		-0.05	
ZAG	13.4	194	Pg	4:37:31.14		0.13	
			Sg	37:33.24		0.18	
GCIS	32.9	255	iPg	4:37:34.16		-0.20	
			iSg	37:39.04		0.01	
CRES	46.9	254	iPg	4:37:36.72		-0.11	
			eSg	37:42.38		-1.05*	
DOBS	49.4	297	iPg	4:37:37.45		0.18	
			eSg	37:44.31		0.10	
KOOG	58.2	16	Pg	4:37:38.98		0.14	
			Sg	37:46.78		-0.22	

740.

2022-05-02 time: 8:13:06.92 UTC ML= 1.5
lat: 48.889N lon: 21.021E h= 0.0 km
erh= 2.2km erz= 5.0km
nr= 11 gap= 98 rms=0.66
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	59.9	221	Pg	8:13:18.00		0.38	
			Sg	13:24.90		-1.06	
STHS	60.9	15	Pg	8:13:18.04		0.24	
			Sg	13:24.66		-1.63	
ABAH	67.8	166	Pg	8:13:19.10		0.06	
			Sg	13:27.72		-0.76	
NIE	78.4	319	Pg	8:13:21.64		0.72	
			Sg	13:31.01		-0.83	
KOLS	91.9	87	Pg	8:13:24.07		0.74	
			Sg	13:35.80		-0.34	
PSZ	136.4	218	Sn	8:13:49.36		-0.35	

Hypocenter Parameters

741.

2022-05-02 time: 12:18:48.98 UTC ML= 1.6
 lat: 46.774N lon: 22.850E h= 0.0 km
 erh= 7.1km erz= 6.3km
 nr= 7 gap=262 rms=0.71
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	10.8	280	Pg	12:18:50	0.64	-0.27	
			Sg	18:53	0.78	1.37	
SIRR	107.3	238	Pg	12:19:07	0.50	-0.65	
			Sg	19:22	0.63	-0.47	
GZR	153.6	182	Pn	12:19:16	0.20	1.03	
			Sn	19:35	0.33	-0.26	
BZS	160.1	217	Sn	12:19:36	0.82	-0.21	

742.

2022-05-03 time: 6:49:24.30 UTC ML= 1.8
 lat: 48.273N lon: 19.810E h= 0.0 km
 erh= 2.4km erz= 834km
 nr= 9 gap=118 rms=0.62
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	40.0	171	Pg	6:49:31	0.24	-0.20	
			Sg	49:37	0.20	0.19	
KECS	55.2	65	Pg	6:49:34	0.53	0.37	
			Sg	49:41	0.75	-0.10	
VYHS	76.2	289	Pg	6:49:38	0.64	0.74	
			Sg	49:47	0.26	-1.24	
LANS	100.7	346	Pg	6:49:42	0.48	0.20	
			Sg	49:56	0.01	-0.30	
ABAH	106.1	89	Sg	6:49:56	0.01	-2.03	

743.

2022-05-03 time: 7:34:43.49 UTC ML= 1.2
 lat: 48.084N lon: 20.685E h= 0.0 km
 erh= 0.8km erz= 163km
 nr= 5 gap=193 rms=0.08
 Locality: Bükkzentlászló
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	46.8	342	Pg	7:34:51	0.80	-0.05	
			Sg	34:58	0.47	0.10	
ABAH	47.5	60	Pg	7:34:52	0.04	0.08	
			Sg	34:58	0.47	-0.11	
PSZ	61.8	253	Sg	7:35:03	0.09	-0.05	

744.

2022-05-03 time: 7:47:02.48 UTC ML= 1.8
 lat: 48.327N lon: 19.044E h= 0.0 km
 erh= 2.0km erz= 440km
 nr= 8 gap=195 rms=0.32
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	24.1	320	Pg	7:47:06	0.68	-0.11	
			Sg	47:09	0.82	-0.33	
PSZ	77.9	126	Pg	7:47:16	0.65	0.25	
			Sg	47:26	0.91	-0.35	
LANS	96.7	19	Pg	7:47:19	0.70	-0.06	
			Sg	47:33	0.81	0.58	
KECS	108.2	81	Pg	7:47:22	0.06	0.26	
			Sg	47:36	0.16	-0.70	

Földrengés paraméterek

745.

2022-05-03 time: 9:04:47.20 UTC ML= 1.6
 lat: 48.598N lon: 20.737E h= 0.0 km
 erh= 4.8km erz= 6.0km
 nr= 8 gap=189 rms=0.82
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	22.5	236	Pg	9:04:51	0.97	0.75	
			Sg	04:54	0.52	0.16	
ABAH	50.1	132	Pg	9:04:56	0.36	0.22	
			Sg	05:02	0.12	-0.99	
LANS	111.6	303	Pg	9:05:07	0.57	0.44	
			Sg	05:20	0.86	-1.81	
VYHS	140.8	265	Pn	9:05:12	0.12	0.32	
			Sn	05:29	0.05	-1.93	

746.

2022-05-03 time: 10:23:22.97 UTC ML= 0.6
 lat: 47.249N lon: 18.250E h= 0.0 km
 erh= 1.6km erz= 209km
 nr= 6 gap=240 rms=0.12
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	12.7	4	Pg	10:23:25	0.26	0.03	
			Sg	23:27	0.16	0.16	
PKST	16.4	274	Pg	10:23:25	0.99	0.10	
			Sg	23:27	0.83	-0.34	
PKSG	19.1	34	Pg	10:23:26	0.30	-0.07	
			Sg	23:28	0.98	-0.05	

747.

2022-05-03 time: 10:58:42.58 UTC ML= 1.3
 lat: 47.876N lon: 16.066E h= 0.0 km
 erh= 2.1km erz= 4.3km
 nr= 10 gap= 80 rms=0.65
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	16.3	291	Pg	10:58:45	0.99	0.49	
			Sg	58:48	0.34	0.57	
RONA	26.1	139	Pg	10:58:47	0.79	0.55	
			Sg	58:51	0.48	0.60	
ARSA	80.6	210	Pg	10:58:56	0.87	-0.11	
			Sg	59:06	0.67	-1.54	
MODS	105.8	58	Sg	10:59:15	0.77	-0.44	
SMOL	123.7	55	Sg	10:59:21	0.57	-0.32	
KRUC	134.1	10	Pn	10:59:06	0.20	-0.13	
			Sn	59:23	0.23	-1.63	

748.

2022-05-03 time: 11:11:08.20 UTC ML= 0.6
 lat: 47.252N lon: 18.270E h= 0.0 km
 erh= 2.4km erz= 333km
 nr= 6 gap=242 rms=0.20
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	12.4	357	Pg	11:11:10	0.70	0.30	
			Sg	11:12	0.20	0.08	
PKST	17.9	272	Pg	11:11:11	0.25	-0.14	
			Sg	11:13	0.85	-0.02	
PKSG	18.0	30	Pg	11:11:11	0.41	0.00	
			Sg	11:13	0.50	-0.42	

Földrengés paraméterek

749.

2022-05-03 time: 13:44:23.24 UTC ML= 1.8
 lat: 47.294N lon: 16.276E h= 0.0 km
 erh= 4.9km erz= ***km
 nr= 9 gap=179 rms=1.02
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
RONA	45.1	2	Pg	13:44:30.71		-0.58	
			Sg	44:36.20		-1.38	
ARSA	57.2	265	Sg	13:44:42.47		1.06	
CONA	77.1	336	Pg	13:44:37.85		0.85	
			Sg	44:48.66		0.92	
KOGS	94.1	181	Pg	13:44:40.37		0.34	
			Sg	44:54.17		1.04	
GROS	109.8	213	Sg	13:44:56.37		-1.77	
SOKA	116.8	234	Sg	13:44:58.72		-1.63	

750.

2022-05-04 time: 8:10:40.94 UTC ML= 1.6
 lat: 48.511N lon: 17.400E h= 0.0 km
 erh= 2.5km erz= 3.9km
 nr= 15 gap=120 rms=0.91
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	2.2	82	PgU	8:10:41.09		-0.24	
			Sg	10:42.00		0.37	
MODS	17.8	211	Pg	8:10:44.64		0.53	
			Sg	10:47.29		0.70	
ZST	41.4	212	Pg	8:10:48.45		0.12	
			Sg	10:54.20		0.11	
KRUC	95.9	310	Pg	8:10:59.13		1.06	
			Sg	11:10.19		-1.25	
VYHS	106.2	91	Pg	8:11:01.04		1.14	
			Sg	11:12.64		-2.05	
RONA	122.0	222	Pg	8:11:02.82		0.08	
			Sg	11:18.35		-1.38	
CONA	131.4	240	Pn	8:11:04.36		0.00	
			Sn	11:20.72		-1.90	
MORC	141.2	4	Sn	8:11:22.86		-1.93	

751.

2022-05-04 time: 8:24:07.05 UTC ML= 1.5
 lat: 46.036N lon: 22.735E h= 0.0 km
 erh= 2.8km erz= 7.3km
 nr= 10 gap=117 rms=0.68
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	21.5	143	Pg	8:24:11.14		0.26	
			Sg	24:13.16		-0.71	
GZR	71.6	177	Pg	8:24:20.12		0.29	
			Sg	24:29.13		-0.67	
DRGR	84.0	359	Pg	8:24:22.92		0.88	
			Sg	24:32.55		-1.19	
BZS	98.6	242	Pg	8:24:24.94		0.28	
			Sg	24:37.37		-1.03	
VOIR	192.1	110	Pn	8:24:38.38		0.34	
			Sn	24:59.52		-2.68	

178

Hypocenter Parameters

752.

2022-05-04 time: 8:30:55.54 UTC ML= 1.7
 lat: 48.533N lon: 17.459E h= 0.0 km
 erh= 3.2km erz= 2.9km
 nr= 12 gap=213 rms=0.58
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	3.1	227	PgU	8:30:56.33		0.24	
			Sg	30:56.88		0.36	
MODS	22.2	217	Pg	8:30:59.64		0.13	
			Sg	31:02.36		-0.24	
ZST	45.8	215	Pg	8:31:04.38		0.66	
			Sg	31:09.08		-1.02	
KRUC	97.8	307	Pg	8:31:13.74		0.73	
			Sg	31:25.79		-0.85	
RONA	126.8	223	Pg	8:31:18.06		-0.12	
CONA	136.4	240	Pn	8:31:19.22		-0.36	
			Sn	31:36.09		-2.24	
MORC	138.5	3	Sn	8:31:38.03		-0.77	

753.

2022-05-04 time: 8:44:46.33 UTC ML= 1.5
 lat: 48.620N lon: 20.759E h= 0.0 km
 erh= 4.0km erz= 4.6km
 nr= 9 gap=171 rms=1.00
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	25.3	233	Pg	8:44:51.81		0.96	
			Sg	44:54.32		-0.05	
ABAH	50.6	135	Pg	8:44:56.20		0.83	
			Sg	45:02.55		0.14	
PSZ	101.0	219	Pg	8:45:04.67		0.30	
			Sg	45:16.51		-1.93	
LANS	111.6	302	Sg	8:45:21.52		-0.28	
VYHS	142.6	264	Sn	8:45:29.21		-1.30	
TRPA	142.7	112	Sn	8:45:28.11		-2.41	

754.

2022-05-04 time: 8:47:26.13 UTC ML= 0.9
 lat: 47.977N lon: 16.088E h= 0.0 km
 erh= 2.4km erz= 643km
 nr= 6 gap=143 rms=0.37
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	17.8	252	Pg	8:47:29.19		-0.11	
			Sg	47:31.83		0.06	
RONA	34.5	153	Pg	8:47:32.46		0.17	
			Sg	47:36.81		-0.28	
KRUC	122.8	11	Pg	8:47:48.39		0.33	
			Sg	48:03.62		-1.54	

755.

2022-05-04 time: 9:11:06.37 UTC ML= 1.4
 lat: 48.552N lon: 19.337E h= 0.0 km
 erh= 3.2km erz= 967km
 nr= 7 gap=111 rms=0.65
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	37.6	260	Pg	9:11:13.56		0.47	
			Sg	11:17.40		-0.92	
LANS	67.3	8	Sg	9:11:27.08		-0.68	
PSZ	81.7	150	Pg	9:11:21.73		0.77	

Hypocenter Parameters

KECS	85.2	95	Sg	11:31.62	-0.72
			Pg	9:11:21.87	0.29
			Sg	11:32.61	-0.83

756.

2022-05-04 time: 9:11:45.63 UTC ML= 1.5
 lat: 47.847N lon: 19.153E h= 0.0 km
 erh= 3.5km erz= 536km
 nr= 6 gap=218 rms=0.32
 Locality: Ősagárd
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PENC	11.5	123	Pg	9:11:47.62	-0.07	
			Sg	11:49.07	-0.23	
PSZ	56.0	82	Pg	9:11:55.65	0.02	
			Sg	12:03.37	-0.07	
VYHS	75.7	342	Pg	9:11:59.65	0.51	
			Sg	12:09.02	-0.66	

757.

2022-05-04 time: 9:30:03.14 UTC ML= 1.8
 lat: 48.432N lon: 17.215E h= 0.0 km
 erh= 1.8km erz= 703km
 nr= 12 gap=101 rms=0.58
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
MODS	8.0	144	PgU	9:30:04.71	0.14	
			Sg	30:05.87	0.18	
SMOL	18.3	60	Pg	9:30:06.63	0.23	
			Sg	30:09.15	0.20	
KRUC	92.4	319	Pg	9:30:20.73	1.09	
			Sg	30:31.46	-1.05	
RONA	106.4	220	Pg	9:30:21.86	-0.28	
			Sg	30:36.97	0.01	
CONA	115.2	241	Pg	9:30:23.90	0.19	
			Sg	30:38.96	-0.79	
VYHS	120.1	87	Pg	9:30:24.04	-0.56	
			Sg	30:38.41	-2.92	

758.

2022-05-04 time: 9:30:31.42 UTC ML= 1.0
 lat: 47.196N lon: 18.306E h= 0.0 km
 erh= 1.2km erz= 417km
 nr= 10 gap=150 rms=0.33
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
CSKK	18.9	350	Pg	9:30:34.38	-0.42	
			Sg	30:37.12	-0.31	
PKST	21.7	289	Pg	9:30:35.48	0.18	
			Sg	30:38.28	-0.05	
PKSG	22.7	16	Pg	9:30:35.63	0.16	
			Sg	30:38.93	0.29	
MPLH	58.2	267	Sg	9:30:50.12	0.21	
MORH	112.0	167	Sg	9:31:07.44	0.43	
PKSM	112.4	167	Sg	9:31:06.97	-0.17	
KOVH	124.1	187	Sg	9:31:08.93	-1.95	

759.

2022-05-04 time: 10:12:28.29 UTC ML= 1.8
 lat: 46.840N lon: 17.270E h= 0.0 km
 erh= 2.8km erz= 7.2km
 nr= 16 gap= 96 rms=1.05
 Locality: Vállus
 Comments: probably explosion

Földrengés paraméterek

sta	dist	azm	phase	hr mn	sec	res
MPLH	42.1	29	Pg	10:12:36.08	0.29	
			Sg	12:41.34	-0.31	
EGYH	64.3	4	Sg	10:12:48.54	-0.19	
PKST	74.5	51	Pg	10:12:42.36	0.78	
			Sg	12:52.00	0.04	
KOGS	89.4	241	Sg	10:12:56.38	-0.31	
PKSG	104.9	54	Pg	10:12:47.60	0.58	
			Sg	13:00.39	-1.24	
KOVH	105.1	143	Pg	10:12:49.25	2.19	
			Sg	13:01.95	0.25	
PKB5	115.4	104	Sg	10:13:03.44	-1.51	
MORH	126.3	123	Pg	10:12:51.53	0.70	
			Sg	13:06.89	-1.53	
PKSM	126.3	124	Sg	10:13:07.21	-1.23	
PKSV	130.0	144	Sg	10:13:07.91	-1.70	
ARSA	140.3	289	Sn	10:13:10.34	-1.61	

760.

2022-05-04 time: 10:28:40.71 UTC ML= 0.9
 lat: 47.794N lon: 16.253E h= 15.5 km
 erh= 2.1km erz= 1.3km
 nr= 14 gap= 75 rms=0.55
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr mn	sec	res
RONA	11.0	163	PgD	10:28:44.49	0.39	
			Sg	28:46.48	-0.26	
SOP	26.0	118	Pg	10:28:45.91	-0.20	
			Sg	28:50.21	-0.11	
CONA	32.9	297	Pg	10:28:47.11	-0.09	
			Sg	28:51.74	-0.52	
WINA	37.3	339	Pg	10:28:48.28	0.36	
			Sg	28:53.32	-0.23	
ARSA	81.7	222	S*	10:29:06.63	-0.30	
MODS	99.9	50	S*	10:29:09.92	-1.92	
ABNA	114.9	328	Pn	10:29:00.78	0.69	
			Sn	29:13.86	-1.35	
KRUC	141.3	4	Pn	10:29:04.19	0.80	
			Sn	29:21.24	0.16	

761.

2022-05-04 time: 10:46:07.13 UTC ML= 1.3
 lat: 46.027N lon: 18.464E h= 0.0 km
 erh= 2.8km erz= 4.1km
 nr= 13 gap=193 rms=0.60
 Locality: Máriakéménd
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKSV	22.5	227	Pg	10:46:10.92	-0.23	
			Sg	46:13.69	-0.59	
PKSM	24.7	34	Pg	10:46:11.31	-0.24	
			Sg	46:14.72	-0.28	
MORH	25.2	33	Pg	10:46:11.15	-0.49	
			Sg	46:14.77	-0.38	
KOVH	29.0	284	Pg	10:46:12.08	-0.23	
			Sg	46:16.60	0.24	
PKS9	63.9	347	Pg	10:46:20.23	1.68	
PKB5	66.6	18	Pg	10:46:19.92	0.90	
PKB1	87.9	17	Pg	10:46:23.09	0.25	
			Sg	46:34.85	-0.23	
PKST	140.9	346	Sn	10:46:50.25	-0.68	

762.

2022-05-05 time: 5:56:25.65 UTC ML= 1.5
 lat: 47.293N lon: 18.359E h= 0.0 km
 erh= 2.9km erz= 4.8km
 nr= 11 gap=111 rms=0.71
 Locality: Magyarlalmás
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
CSKK	10.8	316	Pg	5:56:28	01	0.43	
			Sg	56:28	64	-0.44	
PKSG	11.2	12	Sg	5:56:29	40	0.18	
PKST	24.9	261	Pg	5:56:30	34	0.25	
			Sg	56:32	81	-0.75	
MORH	121.7	170	Sg	5:57:04	41	0.07	
PKSM	122.1	170	Sg	5:57:03	62	-0.85	
PSZ	134.7	59	Pn	5:56:50	47	0.99	
			Sn	57:06	62	-1.46	
VYHS	138.2	15	Pn	5:56:50	16	0.24	
			Sn	57:06	15	-2.69	

763.

2022-05-05 time: 7:20:44.71 UTC ML= 1.3
lat: 48.483N lon: 17.369E h= 0.0 km
erh= 2.0km erz= 4.0km
nr= 9 gap=120 rms=0.48
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	5.6	52	PgU	7:20:45	34	-0.37	
			Sg	20:46	05	-0.43	
MODS	14.0	209	Pg	7:20:47	14	-0.07	
			Sg	20:49	62	0.47	
KRUC	96.2	312	Pg	7:21:02	71	0.81	
			Sg	21:15	18	-0.12	
VYHS	108.5	89	Pg	7:21:04	32	0.24	
CONA	127.9	241	Sg	7:21:24	27	-1.10	
MORC	144.4	5	Sn	7:21:28	93	-0.35	

764.

2022-05-05 time: 7:44:06.70 UTC ML= 1.4
lat: 46.133N lon: 18.069E h= 0.0 km
erh= 1.4km erz= 235km
nr= 7 gap=243 rms=0.16
Locality: Abaliget
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVS	5.6	155	Pg	7:44:07	61	-0.08	
			Sg	44:08	39	-0.07	
PKSM	45.0	79	Pg	7:44:14	86	0.12	
			Sg	44:20	85	-0.16	
MORH	45.3	78	Pg	7:44:15	05	0.26	
			Sg	44:21	17	0.06	
PKB1	91.2	38	Pg	7:44:22	79	-0.19	

765.

2022-05-05 time: 8:33:42.09 UTC ML= 1.9
lat: 48.605N lon: 21.415E h= 0.0 km
erh= 2.6km erz= 7.0km
nr= 12 gap= 78 rms=0.80
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	36.8	201	Pg	8:33:49	32	0.66	
			Sg	33:54	26	0.48	
KECS	70.0	259	Pg	8:33:54	73	0.15	
			Sg	34:02	80	-1.53	
KOLS	72.9	60	Pg	8:33:56	00	0.90	
STHS	91.1	352	Pg	8:33:58	73	0.37	
			Sg	34:10	09	-0.95	
TRPA	98.6	122	Pg	8:33:59	43	-0.28	
			Sg	34:11	74	-1.71	
NIE	121.2	318	Pg	8:34:03	67	-0.06	
			Sg	34:18	17	-2.43	
PSZ	136.3	236	Pn	8:34:06	57	0.45	

766.

2022-05-05 time: 8:41:56.79 UTC ML= 1.9
lat: 48.218N lon: 21.313E h= 0.0 km
erh= 2.8km erz= 3.7km
nr= 12 gap=156 rms=0.79
Locality: MÁD
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	10.2	328	Pg	8:41:59	30	0.68	
			Sg	42:00	71	0.66	
KECS	68.0	296	Pg	8:42:09	57	0.63	
			Sg	42:17	33	-1.09	
TRPA	91.7	96	Pg	8:42:13	65	0.48	
			Sg	42:24	86	-1.08	
KOLS	106.5	42	Pg	8:42:15	92	0.11	
			Sg	42:29	72	-0.93	
PSZ	110.8	253	Pg	8:42:17	33	0.74	
			Sg	42:30	82	-1.20	
NIE	152.4	331	Sn	8:42:41	64	-1.49	
LANS	170.9	307	Sn	8:42:46	73	-0.52	

767.

2022-05-05 time: 9:17:00.74 UTC ML= 1.1
lat: 47.971N lon: 16.101E h= 0.0 km
erh= 1.8km erz= 497km
nr= 6 gap=144 rms=0.29
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	18.5	255	Pg	9:17:03	81	-0.24	
			Sg	17:06	79	0.16	
RONA	33.5	154	Pg	9:17:06	95	0.22	
			Sg	17:11	11	-0.29	
KRUC	123.2	10	Pg	9:17:23	07	0.32	
			Sg	17:39	40	-0.51	

768.

2022-05-05 time: 9:33:19.40 UTC ML= 1.9
lat: 48.585N lon: 20.722E h= 0.0 km
erh= 2.7km erz= 592km
nr= 7 gap=186 rms=0.40
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	20.8	237	Pg	9:33:23	50	0.39	
			Sg	33:25	69	-0.31	
ABAH	50.0	130	Pg	9:33:28	75	0.43	
			Sg	33:34	86	-0.42	
PSZ	96.3	220	Pg	9:33:36	75	0.16	
			Sg	33:49	13	-0.87	
LANS	111.5	304	Pg	9:33:39	02	-0.28	

769.

2022-05-05 time: 9:58:04.80 UTC ML= 0.7
lat: 47.244N lon: 18.262E h= 0.0 km
erh= 3.8km erz= 513km
nr= 6 gap=245 rms=0.31
Locality: Iszkaszentgyörgy
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	13.2	359	Pg	9:58:07	69	0.54	
			Sg	58:09	13	0.14	
PKST	17.3	275	Pg	9:58:07	76	-0.13	
			Sg	58:10	15	-0.15	
PKSG	19.0	31	Pg	9:58:08	08	-0.12	
			Sg	58:10	37	-0.48	

Hypocenter Parameters

770.

2022-05-05 time: 10:56:32.09 UTC ML= 1.4
 lat: 47.347N lon: 18.451E h= 0.0 km
 erh= 1.7km erz= 2.7km
 nr= 10 gap=114 rms=0.89
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	6.7	318	Pg	10:56:33.83			0.54
			Sg	56:34.11			-0.11
CSKK	14.5	277	Pg	10:56:35.32			0.64
			Sg	56:36.93			0.24
PKST	33.0	253	Pg	10:56:38.22			0.24
			Sg	56:41.28			-1.29
PSZ	125.7	60	Sg	10:57:12.79			0.73
PKSM	127.1	173	Sg	10:57:12.72			0.24
VYHS	130.7	13	Sn	10:57:11.46			-2.17
KOVH	142.5	191	Sn	10:57:13.97			-2.27

771.

2022-05-05 time: 11:02:08.35 UTC ML= 1.2
 lat: 47.825N lon: 16.014E h= 0.0 km
 erh= 1.0km erz= 2.8km
 nr= 8 gap=105 rms=0.40
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	16.2	315	Pg	11:02:10.96			-0.27
			Sg	02:13.44			-0.04
RONA	25.4	123	Pg	11:02:12.67			-0.21
			Sg	02:16.40			-0.01
ARSA	73.8	210	Sg	11:02:31.67			-0.13
MODS	112.2	57	Pg	11:02:28.64			0.26
			Sg	02:43.49			-0.51
KRUC	140.4	12	Pn	11:02:33.90			1.01

772.

2022-05-05 time: 11:35:25.67 UTC ML= 2.0
 lat: 47.354N lon: 18.455E h= 0.0 km
 erh= 2.9km erz= 4.9km
 nr= 12 gap=114 rms=1.11
 Locality: Csákvár
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	6.4	311	PgU	11:35:27.67			0.86
			Sg	35:28.09			0.40
CSKK	14.7	274	Pg	11:35:28.93			0.64
			Sg	35:30.81			0.48
PKST	33.5	252	Pg	11:35:32.12			0.48
			Sg	35:35.47			-0.84
PSZ	125.1	60	Pg	11:35:49.19			1.19
			Sg	36:04.87			-0.55
PKSM	127.8	174	Sg	11:36:04.33			-1.95
VYHS	129.9	13	Sg	11:36:05.19			-1.77
KOVH	143.3	191	Sn	11:36:08.32			-1.67
MODS	143.6	322	Sn	11:36:07.38			-2.67

773.

2022-05-05 time: 16:24:46.88 UTC ML= 1.2
 lat: 47.558N lon: 18.090E h= 14.5 km
 erh= 4.1km erz=11.1km
 nr= 8 gap=167 rms=0.53
 Locality: Csép
 Comments:

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
CSKK	25.2	149	Pg	16:24:51.34			-0.73
			Sg	24:56.53			0.42
PKSG	29.2	129	Sg	16:24:58.36			1.11
SRO	32.9	31	Sg	16:24:58.48			0.16
PKST	33.5	187	Pg	16:24:53.21			-0.19
			Sg	24:58.35			-0.14
MPLH	59.9	224	Pg	16:24:58.36			0.47
			Sg	25:05.96			-0.52

774.

2022-05-05 time: 23:03:29.41 UTC ML= 1.2
 lat: 47.206N lon: 17.636E h= 8.8 km
 erh= 1.7km erz= 1.5km
 nr= 25 gap= 78 rms=0.76
 Locality: Németbánya
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
MPLH	8.3	242	Pg	23:03:30.93			-0.64
			Sg	03:32.44			-0.82
PKST	30.8	79	Pg	23:03:35.40			0.27
			Sg	03:39.29			-0.29
EGYH	32.9	316	PgD	23:03:36.74			1.25
			Sg	03:41.51			1.28
TIH	39.2	150	Pg	23:03:36.70			0.11
			Sg	03:41.17			-1.01
CSKK	50.4	70	Pg	23:03:38.85			0.30
			Sg	03:45.13			-0.55
PKSG	60.7	70	Pg	23:03:40.40			0.03
			Sg	03:48.15			-0.77
SRO	84.7	37	Sg	23:03:56.11			-0.36
PKB1	99.7	118	Pg	23:03:47.78			0.50
			Sg	03:59.36			-1.85
RONA	115.0	299	Pn	23:03:49.75			0.09
			Sn	04:04.37			-1.08
KOVH	129.2	164	Pn	23:03:52.11			0.68
			Sn	04:08.27			-0.33
MODS	132.6	348	Pn	23:03:50.87			-0.99
			Sn	04:06.74			-2.62
MORH	134.4	145	Pn	23:03:53.18			1.11
			Sn	04:09.63			-0.12
PKSM	134.6	145	Pn	23:03:52.94			0.84
			Sn	04:09.20			-0.60

775.

2022-05-06 time: 2:40:44.92 UTC ML= 1.3
 lat: 45.878N lon: 16.031E h= 13.6 km
 erh= 2.4km erz= 1.5km
 nr= 10 gap=167 rms=0.44
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZAG	6.1	208	Pg	2:40:47.93			0.36
			Sg	40:49.42			-0.22
PTJ	6.2	294	Pg	2:40:47.20			-0.37
			Sg	40:48.63			-1.02
CRES	45.0	263	Pg	2:40:53.74			0.44
			Sg	40:59.96			0.12
KOGS	65.6	15	Sg	2:41:06.91			0.69
GROS	76.6	328	Sg	2:41:09.66			0.01
BEHE	87.4	41	S*	2:41:12.74			-0.26
PERS	109.9	320	Sn	2:41:18.30			-0.44

776.

2022-05-06 time: 6:41:35.74 UTC ML= 1.4
 lat: 48.441N lon: 19.561E h= 0.0 km
 erh= 3.6km erz= ***km
 nr= 8 gap=119 rms=0.84
 Locality: Slovakia
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
VYHS	53.9	276	Pg	6:41:46.26	0.89		
			Sg	41:51.54	-1.34		
PSZ	63.2	157	Pg	6:41:47.29	0.26		
			Sg	41:54.89	-0.94		
KECS	68.5	86	Pg	6:41:48.85	0.87		
			Sg	41:57.40	-0.13		
LANS	79.2	355	Sg	6:42:00.20	-0.71		
ABAH	125.4	97	Sg	6:42:14.36	-1.24		

777.

2022-05-06 time: 7:56:38.74 UTC ML= 1.9
lat: 48.216N lon: 18.798E h= 0.0 km
erh= 2.1km erz= 3.8km
nr= 20 gap= 71 rms=1.02
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	31.0	5	Pg	7:56:44.73	0.45		
			Sg	56:48.61	0.01		
SRO	57.6	219	Sg	7:56:57.16	0.12		
			Pg	7:56:49.94	0.57		
PENC	59.5	143	Sg	56:57.78	0.11		
			Pg	7:56:55.27	0.78		
PSZ	88.2	112	Sg	57:05.91	-0.86		
			Pg	7:56:57.21	1.22		
PKSG	96.6	198	Sg	57:08.79	-0.66		
			Pg	7:56:57.95	0.81		
CSKK	103.1	203	Sg	57:10.81	-0.69		
			Pg	7:56:59.81	0.68		
MODS	114.2	279	Sg	57:13.22	-1.81		
			Pg	7:57:15.40	-1.76		
PKST	120.9	208	Sg	7:57:01.52	-0.18		
			Pg	57:17.07	-2.54		
PKS7	132.8	168	Sn	7:57:18.51	-2.23		
			Sn	7:57:21.38	-1.23		
EGYH	141.2	231	Pn	7:57:11.28	1.02		
			Sn	57:32.26	-2.58		

778.

2022-05-06 time: 8:27:22.77 UTC ML= 1.6
lat: 47.748N lon: 19.032E h= 0.0 km
erh= 2.2km erz= 5.3km
nr= 12 gap=116 rms=0.77
Locality: Dunabogdány
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	19.3	76	Pg	8:27:27.00	0.78		
			Sg	27:30.09	1.19		
BUD	29.4	181	Sg	8:27:32.79	0.67		
			Pg	8:27:33.54	-0.38		
PKSG	62.4	231	Sg	27:41.83	-0.79		
			Pg	8:27:34.32	-0.47		
PSZ	67.3	74	Sg	27:44.06	-0.10		
			Sg	8:27:44.81	-0.89		
CSKK	72.1	234	Sg	8:27:49.07	-0.46		
			Pg	8:27:40.19	0.85		
VYHS	84.2	350	Sg	27:52.32	0.06		
			Sn	8:28:03.20	-2.19		
KECS	135.6	53	Sn				

779.

2022-05-06 time: 9:46:47.35 UTC ML= 1.1
lat: 47.572N lon: 18.435E h= 0.0 km
erh= 1.2km erz= 116km
nr= 6 gap=329 rms=0.07
Locality: Tatabánya
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	20.4	189	Pg	9:46:51.01	0.03		
			Sg	46:53.81	-0.01		
CSKK	26.7	209	Pg	9:46:52.02	-0.10		
			Sg	46:55.90	0.05		
PKST	46.2	221	Pg	9:46:55.67	0.08		
			Sg	47:01.97	-0.05		

780.

2022-05-06 time: 10:00:56.65 UTC ML= 2.0
lat: 48.777N lon: 21.081E h= 0.0 km
erh= 3.4km erz= 656km
nr= 8 gap=238 rms=0.48
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	54.8	233	Pg	10:01:06.20	-0.23		
			Sg	01:14.26	0.20		
ABAH	54.8	168	Pg	10:01:06.59	0.16		
			Sg	01:13.28	-0.78		
LANS	125.2	289	Pg	10:01:19.46	0.44		
			Sg	01:35.17	-1.29		
PSZ	129.9	223	Pg	10:01:20.34	0.50		
			Sg	01:37.59	-0.34		

781.

2022-05-06 time: 19:10:47.34 UTC ML= 3.3
lat: 45.525N lon: 16.090E h= 6.1 km
erh= 1.5km erz= 1.3km
nr= 48 gap=133 rms=0.65
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZAG	34.7	348	PgD	19:10:54.29	0.66		
			Sg	10:59.83	1.30		
PTJ	43.0	346	Pg	19:10:55.24	0.15		
			Sg	11:01.11	-0.03		
GCIS	52.4	317	iPgC	19:10:57.12	0.35		
			eSg	11:03.83	-0.29		
CRES	59.6	304	Pg	19:10:58.12	0.07		
			Sg	11:06.08	-0.32		
BOJS	65.5	268	iPgC	19:10:59.20	0.11		
			eSg	11:07.14	-1.12		
LEGS	76.4	308	iPgC	19:11:01.02	-0.01		
			eSg	11:10.61	-1.09		
GBRS	100.0	270	ePg	19:11:05.08	-0.15		
			iPg	19:11:05.38	-0.26		
KOOG	103.4	7	Pg	19:11:05.45	-0.39		
			Sg	11:19.94	-0.33		
PDKS	103.8	305	iPgC	19:11:05.77	-0.14		
			Pg	19:11:07.26	-0.40		
GROS	113.6	336	Sg	11:21.69	-1.82		
			Pn	19:11:08.42	0.13		
BEHE	117.8	27	Sn	11:23.63	-0.99		
			Pn	19:11:08.21	-0.58		
BLY	121.8	135	Sn	11:23.36	-2.16		
			Pn	19:11:11.96	0.32		
PERS	144.7	329	Pn	19:11:11.96	-1.15		
			Sn	11:29.44	-1.15		
SOKA	152.1	327	Pn	19:11:13.04	0.48		
			Sn	11:30.95	-1.29		
OBKA	161.9	313	Pn	19:11:15.20	1.41		
			Sn	11:35.30	0.87		
KOVH	168.3	68	Pn	19:11:13.96	-0.63		
			Sn	11:37.14	1.29		
PKSV	173.2	76	Pn	19:11:14.89	-0.31		
			Sn	11:38.49	1.57		
TRI	182.6	276	Pn	19:11:16.89	0.52		
			Sn	11:39.21	0.20		
ARSA	196.8	347	Pn	19:11:18.62	0.48		
			Pn	19:11:19.70	0.32		
TIH	206.7	42	Pn	19:11:19.70	0.32		
			Sn	19:11:49.72	4.11*		

Hypocenter Parameters

MORH	212.7	69	Pn	19:11:19.23	-0.89
			Sn	11:49.24	3.55*
MPLH	214.3	31	Pn	19:11:21.00	0.68
RONA	242.3	4	Pn	19:11:24.31	0.49
SOP	242.7	9	Pn	19:11:24.21	0.35
PKST	244.0	38	Pn	19:11:23.86	-0.17
CONA	267.8	356	Pn	19:11:27.95	0.96
PKSG	272.6	40	Pn	19:11:28.32	0.72
WINA	287.1	360	Pn	19:11:30.43	1.02
			Sn	12:02.57	0.36
MOA	293.7	332	Pn	19:11:31.80	1.57
			Sn	12:01.94	-1.74*
BIOA	305.5	322	Pn	19:11:32.46	0.77*
			Sn	12:06.57	0.29*
ABTA	308.1	296	Pn	19:11:33.70	1.68*
			Sn	12:08.07	1.21*
MODS	329.4	16	ePn	19:11:35.20	0.53*
			eSn	12:08.20	-3.39*
LESA	336.6	309	Pn	19:11:37.06	1.49*
			Sn	12:14.63	1.43*
SMOL	347.6	17	ePn	19:11:36.90	-0.04*
			eSn	12:12.40	-3.23*
ABNA	353.3	352	Pn	19:11:38.80	1.15*
			Sn	12:15.61	-1.29*
VYHS	390.6	32	Pn	19:11:42.34	0.03*
WTTA	393.3	299	Pn	19:11:43.78	1.13*
			Sn	12:26.58	0.79*
WATA	401.1	300	Pn	19:11:45.27	1.65*
			Sn	12:28.66	1.15*
SQTA	420.3	297	Pn	19:11:47.61	1.61*
PDG	427.5	144	PnC	19:11:49.28	2.38*
MOTA	433.4	298	Pn	19:11:49.30	1.66*
			Sn	12:34.83	0.16*
FETA	445.5	292	Pn	19:11:50.73	1.58*
MORC	485.2	13	Pn	19:11:54.84	0.73*
BOVS	493.0	115	PnD	19:11:59.16	4.09*

782.

2022-05-08 time: 5:04:05.34 UTC ML= 1.9
lat: 46.475N lon: 16.162E h= 10.9 km
erh= 1.3km erz= 1.3km
nr= 38 gap= 80 rms=0.66
Locality: Slovenia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOGS	7.4	114	Pg	5:04:07.29	-0.40		
			Sg	04:08.54	-0.99		
BEHE	47.1	91	Pg	5:04:14.30	0.33		
			Sg	04:20.18	-0.53		
GROS	50.8	268	iPg	5:04:15.19	0.58		
DOBS	64.5	236	iPg	5:04:17.79	0.76		
			iSg	04:26.07	-0.07		
PTJ	65.9	194	Pg	5:04:17.42	0.16		
			Sg	04:25.37	-1.19		
GOLS	66.2	219	iPg	5:04:17.99	0.66		
			iSg	04:26.69	0.01		
CESS	77.6	224	iPg	5:04:19.95	0.61		
			iSg	04:29.66	-0.59		
GCIS	79.2	211	iPg	5:04:19.87	0.25		
			iSg	04:29.80	-0.96		
PERS	82.1	283	iPg	5:04:20.15	0.01		
			iSg	04:30.51	-1.17		
ZAVS	87.5	267	iPg	5:04:22.46	1.37		
LEGS	87.6	228	iPg	5:04:21.34	0.24		
SOKA	89.5	285	Pg	5:04:21.23	-0.21		
			Sg	04:31.84	-2.15		
CRES	90.4	217	Pg	5:04:22.36	0.75		
			Sg	04:33.01	-1.29		
ARSA	99.0	331	Pg	5:04:22.80	-0.33		
			Sg	04:35.58	-1.42		
OBKA	123.9	272	Pn	5:04:26.91	0.47		
			Sn	04:42.51	-0.38		
MPLH	130.4	54	Sn	5:04:44.34	0.01		

Földrengés paraméterek

RONA	136.5	4	Pn	5:04:28.56	0.56
			Sn	04:45.13	-0.55
SOP	137.6	13	Sn	5:04:45.93	0.00
KOVH	155.4	106	Pn	5:04:29.49	-0.87
			Sn	04:49.79	-0.09
CONA	163.1	352	Pn	5:04:32.03	0.70
			Sn	04:51.51	-0.08
WINA	181.6	358	Pn	5:04:34.28	0.66
			Sn	04:55.30	-0.38
MOA	209.8	317	Sn	5:05:01.98	0.03

783.

2022-05-09 time: 7:49:35.53 UTC ML= 1.0
lat: 47.175N lon: 18.199E h= 0.0 km
erh= 1.1km erz= 331km
nr= 8 gap=144 rms=0.23
Locality: Ősi
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	15.6	307	Pg	7:49:38.45	0.13		
			Sg	49:40.29	-0.20		
CSKK	21.4	13	Pg	7:49:39.27	-0.09		
			Sg	49:41.86	-0.49		
PKSG	28.1	31	Pg	7:49:40.95	0.39		
			Sg	49:44.42	-0.06		
MORH	111.9	162	Sg	7:50:11.08	-0.03		
PKSM	112.3	162	Sg	7:50:11.08	-0.14		

784.

2022-05-09 time: 8:32:12.94 UTC ML= 1.4
lat: 46.187N lon: 18.261E h= 0.0 km
erh= 0.9km erz= 1.8km
nr= 13 gap=104 rms=0.41
Locality: Komló
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	16.6	229	Pg	8:32:16.14	0.24		
			Sg	32:18.38	0.17		
PKSM	29.4	85	Pg	8:32:18.18	-0.02		
			Sg	32:22.13	-0.17		
MORH	29.7	84	Pg	8:32:18.42	0.18		
			Sg	32:22.53	0.15		
PKSV	33.1	181	Pg	8:32:18.97	0.11		
			Sg	32:22.69	-0.78		
PKB1	77.9	32	Sg	8:32:38.65	0.94		
PKST	120.5	352	Sg	8:32:50.83	-0.40		
MPLH	122.5	333	Sg	8:32:52.21	0.33		
CSKK	130.8	360	Sn	8:32:53.78	-0.71		
PKSG	134.4	4	Sn	8:32:54.20	-1.08		

785.

2022-05-09 time: 8:55:24.98 UTC ML= 1.5
lat: 47.119N lon: 18.020E h= 0.0 km
erh= 2.7km erz= 420km
nr= 8 gap=236 rms=0.30
Locality: Sóly
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	15.6	4	Pg	8:55:27.41	-0.35		
			Sg	55:29.96	0.04		
CSKK	32.7	34	Pg	8:55:31.09	0.28		
			Sg	55:35.76	0.40		
MPLH	36.8	279	Pg	8:55:31.89	0.33		
			Sg	55:36.40	-0.29		
PKSG	41.3	43	Pg	8:55:32.03	-0.32		
			Sg	55:38.07	-0.04		

Földrengés paraméterek

786.

2022-05-09 time: 9:49:50.16 UTC ML= 1.8
 lat: 48.346N lon: 19.850E h= 0.0 km
 erh= 2.4km erz= ***km
 nr= 11 gap= 83 rms=0.82
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	47.7	176	Pg	9:49:	59.14		0.46
			Sg	50:04	.96	-0.36	
KECS	49.5	72	Pg	9:49:	59.07	0.08	
			Sg	50:05	.74	-0.14	
PENC	74.9	214	Sg	9:50:	13.73	-0.25	
VYHS	76.8	282	Pg	9:50:	04.79	0.91	
			Sg	50:13	.49	-1.09	
LANS	93.7	343	Pg	9:50:	07.92	1.02	
			Sg	50:18	.91	-1.05	
ABAH	103.2	93	Sg	9:50:	22.21	-0.75	
NIE	124.0	16	Sg	9:50:	27.37	-2.21	

787.

2022-05-09 time: 10:23:11.07 UTC ML= 1.9
 lat: 48.812N lon: 21.317E h= 0.0 km
 erh= 2.6km erz= 4.3km
 nr= 16 gap= 56 rms=0.94
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	57.7	186	Pg	10:23:	22.79	1.41	
			Sg	23:29	.29	-0.13	
STHS	67.4	355	Pg	10:23:	23.81	0.70	
			Sg	23:32	.12	-0.38	
KOLS	71.4	79	Pg	10:23:	24.43	0.61	
			Sg	23:33	.21	-0.55	
KECS	71.4	239	Pg	10:23:	24.51	0.69	
			Sg	23:31	.88	-1.89	
NIE	99.6	313	Pg	10:23:	28.12	-0.74	
TRPA	118.0	130	Pg	10:23:	32.04	-0.10	
			Sg	23:46	.15	-2.42	
KWP	136.2	48	Pn	10:23:	35.25	0.16	
			Sn	23:51	.48	-2.34	
PSZ	144.9	227	Pn	10:23:	35.57	-0.61	
VYHS	186.2	259	Pn	10:23:	41.21	-0.11	
OJC	191.3	325	Pn	10:23:	43.09	1.14	

788.

2022-05-09 time: 11:57:25.93 UTC ML= 1.2
 lat: 47.092N lon: 18.053E h= 0.0 km
 erh= 2.2km erz= 838km
 nr= 14 gap=118 rms=0.71
 Locality: Vilonya
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	18.6	356	Pg	11:57:	29.10	-0.15	
			Sg	57:30	.85	-0.98	
TIH	24.6	210	Pg	11:57:	30.67	0.34	
CSKK	33.9	28	Pg	11:57:	32.63	0.64	
			Sg	57:36	.42	-0.30	
MPLH	39.9	282	Pg	11:57:	33.42	0.36	
			Sg	57:37	.92	-0.71	
PKSG	41.9	38	Pg	11:57:	33.95	0.53	
			Sg	57:38	.72	-0.55	
MORH	107.4	155	Sg	11:57:	58.07	-2.02	
PKSM	107.8	155	Pg	11:57:	45.87	0.69	
			Sg	57:58	.70	-1.49	
KOVH	111.7	178	Pg	11:57:	46.41	0.53	
			Sg	58:00	.27	-1.17	

184

Hypocenter Parameters

789.

2022-05-09 time: 17:29:32.94 UTC ML= 0.6
 lat: 47.390N lon: 18.240E h= 4.0 km
 erh= 4.7km erz= 3.3km
 nr= 6 gap=222 rms=0.10
 Locality: Mór
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	3.3	153	PgU	17:29:	34.00	0.13	
			Sg	29:34	.52	-0.07	
PKSG	11.3	89	PgD	17:29:	35.10	0.01	
			Sg	29:36	.50	-0.26	
PKST	21.3	227	Pg	17:29:	36.77	-0.04	
			Sg	29:39	.88	0.05	

790.

2022-05-10 time: 4:07:09.19 UTC ML= 1.0
 lat: 47.801N lon: 16.448E h= 11.9 km
 erh= 3.2km erz= 2.9km
 nr= 11 gap=104 rms=0.54
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
SOP	15.5	148	PgU	4:07:	12.98	0.31	
			Sg	07:14	.94	-0.44	
RONA	16.0	225	PgD	4:07:	12.75	0.00	
			Sg	07:14	.71	-0.81	
CONA	46.1	288	Pg	4:07:	17.92	0.23	
			Sg	07:24	.00	-0.32	
MODS	88.7	44	Pg	4:07:	24.84	-0.33	
ABNA	122.6	322	Pn	4:07:	30.58	0.59	
			Sn	07:44	.94	-1.28	
KRUC	140.3	358	Pn	4:07:	33.19	1.00	
			Sn	07:49	.81	-0.33	

791.

2022-05-10 time: 7:01:48.71 UTC ML= 1.7
 lat: 47.889N lon: 19.413E h= 0.0 km
 erh= 3.8km erz= ***km
 nr= 9 gap=137 rms=0.98
 Locality: Bercel
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	14.7	222	Pg	7:01:	52.25	0.91	
			Sg	01:53	.78	0.39	
PSZ	36.1	85	Pg	7:01:	56.03	0.87	
			Sg	02:00	.53	0.34	
VYHS	79.8	327	Sg	7:02:	13.15	-0.92	
PKSG	94.7	234	Sg	7:02:	17.53	-1.27	
KECS	103.6	50	Sg	7:02:	20.11	-1.51	
PKST	125.2	236	Pg	7:02:	11.50	0.44	
			Sg	02:26	.61	-1.89	

792.

2022-05-10 time: 7:21:37.36 UTC ML= 1.5
 lat: 47.319N lon: 18.452E h= 0.0 km
 erh= 3.5km erz= 619km
 nr= 6 gap=200 rms=0.36
 Locality: Pátka
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	9.3	330	PgU	7:21:	39.31	0.28	
			Sg	21:39	.86	-0.47	
CSKK	15.3	289	PgU	7:21:	40.45	0.36	
			Sg	21:42	.17	-0.05	
PKST	32.3	258	Sg	7:21:	47.06	-0.56	

Hypocenter Parameters

PSZ 127.3 58 Sg 7:22:17.54 -0.29
793.

2022-05-10 time: 8:55:23.12 UTC ML= 1.8
lat: 48.454N lon: 21.769E h= 0.0 km
erh= 2.9km erz= 4.2km
nr= 10 gap=124 rms=0.84
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	42.9	246	Pg	8:55:	30.97	0.18	
			Sg	55:38	45	1.68	
KOLS	65.0	35	Pg	8:55:	34.85	0.13	
			Sg	55:44	55	0.78	
KECS	94.9	272	Pg	8:55:	40.48	0.41	
			Sg	55:52	43	-0.86	
STHS	113.8	340	Sg	8:55:	58.13	-1.16	
PSZ	151.5	247	Pn	8:55:	48.13	-0.92	
			Sn	56:05	50	-3.77	
DRGR	197.9	159	Sn	8:56:	19.51	-0.05	

794.

2022-05-10 time: 9:22:00.31 UTC ML= 1.4
lat: 47.862N lon: 16.036E h= 0.0 km
erh= 2.5km erz= 4.6km
nr= 9 gap= 90 rms=0.96
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	15.0	300	Pg	9:22:	03.33	0.35	
			Sg	22:05	82	0.75	
RONA	26.6	133	Pg	9:22:	05.35	0.30	
			Sg	22:08	38	-0.37	
ARSA	78.1	210	Sg	9:22:	24.88	-0.26	
MODS	108.6	58	Pg	9:22:	21.19	1.49	
			Sg	22:33	93	-0.89	
KRUC	136.1	11	Pn	9:22:	23.45	-0.86	
			Sn	22:40	53	-2.50	

795.

2022-05-10 time: 9:34:03.10 UTC ML= 1.9
lat: 48.632N lon: 20.761E h= 0.0 km
erh= 2.3km erz= 4.0km
nr= 11 gap=132 rms=0.73
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	26.2	231	Pg	9:34:	08.39	0.61	
			Sg	34:11	37	-0.06	
ABAH	51.4	137	Pg	9:34:	12.78	0.50	
			Sg	34:18	88	-0.56	
PSZ	102.1	219	Pg	9:34:	21.62	0.28	
			Sg	34:34	69	-0.88	
LANS	111.0	301	Pg	9:34:	23.58	0.65	
			Sg	34:36	96	-1.44	
KOLS	116.1	73	Pg	9:34:	24.00	0.17	
VYHS	142.9	264	Sn	9:34:	46.07	-1.28	
TRPA	143.0	113	Sn	9:34:	44.82	-2.54	

796.

2022-05-10 time: 9:51:17.26 UTC ML= 0.5
lat: 47.269N lon: 18.229E h= 2.2 km
erh= 1.3km erz= 5.0km
nr= 6 gap=224 rms=0.29
Locality: Kincsesbánya
Comments:

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
CSSK	10.8	13	Pg	9:51:	19.58	0.35	
			Sg	51:21	03	0.26	
PKST	14.7	266	Pg	9:51:	19.97	0.05	
			Sg	51:21	59	-0.41	
PKSG	18.4	42	Pg	9:51:	20.48	-0.09	
			Sg	51:22	61	-0.54	

797.

2022-05-10 time: 10:13:15.80 UTC ML= 1.1
lat: 47.584N lon: 18.450E h= 0.0 km
erh= 4.2km erz= 888km
nr= 9 gap=176 rms=0.67
Locality: Tatabánya
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	21.8	192	Pg	10:13:	20.06	0.36	
			Sg	13:22	34	-0.41	
SRO	27.5	338	Sg	10:13:	25.31	0.78	
CSSK	28.4	210	Pg	10:13:	21.15	0.27	
			Sg	13:24	15	-0.69	
PKST	47.9	221	Pg	10:13:	25.14	0.79	
			Sg	13:30	32	-0.70	
VYHS	105.2	16	Sg	10:13:	48.19	-1.05	
MODS	124.0	315	Sg	10:13:	54.13	-1.08	

798.

2022-05-10 time: 10:39:01.78 UTC ML= 1.9
lat: 47.595N lon: 16.284E h= 0.0 km
erh= 1.8km erz= 2.6km
nr= 22 gap= 83 rms=0.90
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
RONA	11.7	4	PgU	10:39:	04.39	0.51	
			Sg	39:06	30	0.79	
SOP	22.9	64	Pg	10:39:	05.32	-0.54	
			Sg	39:08	04	-1.01	
CONA	48.8	320	Pg	10:39:	11.58	1.08	
			Sg	39:16	97	-0.33	
ARSA	69.0	236	Pg	10:39:	14.72	0.62	
			Sg	39:23	34	-0.37	
EGYH	81.4	104	Pg	10:39:	17.44	1.13	
			Sg	39:28	04	0.40	
MODS	114.0	41	Pg	10:39:	22.10	-0.05	
			Sg	39:37	01	-1.02	
KOGS	127.5	181	Pg	10:39:	24.93	0.39	
			Sg	39:40	89	-1.41	
PKST	137.2	106	Pn	10:39:	25.71	-0.22	
			Sn	39:42	60	-2.16	
PERS	138.6	220	Pn	10:39:	26.83	0.73	
			Sn	39:43	10	-1.96	
GROS	139.3	205	Pn	10:39:	26.80	0.61	
			Sn	39:43	30	-1.93	
KRUC	163.4	3	Pn	10:39:	28.66	-0.53	
			Sn	39:47	86	-2.70	

799.

2022-05-11 time: 6:22:25.36 UTC ML= 1.6
lat: 45.992N lon: 22.823E h= 0.0 km
erh= 1.7km erz= 3.7km
nr= 11 gap=115 rms=0.49
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	13.6	153	Pg	6:22:	28.21	0.42	
			Sg	22:29	86	0.19	
GZR	66.6	183	Pg	6:22:	37.37	0.11	
			Sg	22:46	06	-0.47	

Földrengés paraméterek

DRGR	89.3	354	Pg	6:22:41.28	-0.04
SIRR	95.0	289	Pg	6:22:43.08	0.75
			Sg	22:54.74	-0.82
BZS	102.6	246	Pg	6:22:43.79	0.10
			Sg	22:57.17	-0.81
VOIR	184.0	110	Pn	6:22:54.98	-0.36
			Sn	23:17.36	-1.36

800.

2022-05-11	time:	7:38:29.74	UTC	ML= 1.1
lat:	47.929N	lon:	16.678E	h= 0.0 km
				erh= 4.7km erz= ***km
nr=	9	gap=	102	rms= 1.21
Locality: Austria				
Comments: probably explosion				

sta	dist	azm	phase	hr mn sec	res
SOP	28.8	198	Sg	7:38:39.13	0.25
RONA	38.3	228	Pg	7:38:37.66	1.08
			Sg	38:41.73	-0.19
CONA	61.0	270	Pg	7:38:41.80	1.17
			Sg	38:48.14	-0.99
MODS	66.6	42	Sg	7:38:51.74	0.85
ARSA	115.1	229	Sg	7:39:04.42	-1.89
SRO	123.0	96	Sg	7:39:07.70	-1.14
KRUC	127.7	351	Sg	7:39:07.86	-2.45

801.

2022-05-11	time:	7:50:36.04	UTC	ML= 1.7
lat:	47.895N	lon:	19.434E	h= 0.0 km
				erh= 2.3km erz= 3.2km
nr=	15	gap=	139	rms= 0.78
Locality: Bercel				
Comments: probably explosion				

sta	dist	azm	phase	hr mn sec	res
PENC	16.3	224	Pg	7:50:38.36	-0.59
			Sg	50:43.06	1.85
PSZ	34.5	86	Pg	7:50:42.22	0.01
			Sg	50:47.56	0.54
VYHS	80.0	326	Pg	7:50:51.45	1.12
			Sg	51:01.17	-0.31
PKSG	96.3	234	Sg	7:51:06.35	-0.30
KECS	101.9	50	Pg	7:50:54.90	0.66
			Sg	51:07.21	-1.23
PKST	126.8	236	Pg	7:50:58.27	-0.42
			Sg	51:15.75	-0.61
LANS	139.6	1	Sn	7:51:17.95	-1.60
ABAH	141.7	72	Pn	7:51:01.25	0.51
			Sn	51:19.28	-0.73
NIE	181.4	21	Sn	7:51:28.30	-0.52

802.

2022-05-11	time:	8:27:27.79	UTC	ML= 1.3
lat:	48.613N	lon:	20.733E	h= 0.0 km
				erh= 4.7km erz= 6.6km
nr=	8	gap=	168	rms= 0.83
Locality: Slovakia				
Comments: probably explosion				

sta	dist	azm	phase	hr mn sec	res
KECS	23.3	232	Pg	8:27:32.69	0.74
			Sg	27:34.73	-0.46
ABAH	51.4	133	Pg	8:27:37.55	0.58
			Sg	27:42.96	-1.17
KOLS	118.7	73	Pg	8:27:49.55	0.57
			Sg	28:04.13	-1.37
VYHS	140.7	265	Pn	8:27:52.45	0.08
			Sn	28:09.77	-1.77

Hypocenter Parameters

803.

2022-05-11	time:	8:47:58.81	UTC	ML= 1.4
lat:	45.869N	lon:	18.414E	h= 0.0 km
				erh= 1.1km erz= 5.3km
nr=	10	gap=	255	rms= 0.15
Locality: Villány				
Comments: probably explosion				

sta	dist	azm	phase	hr mn sec	res
PKSV	12.8	280	Pg	8:48:01.14	0.05
			Sg	48:02.95	0.08
KOVH	34.4	315	Pg	8:48:05.11	0.15
			Sg	48:09.38	-0.38
PKSM	41.9	25	Pg	8:48:06.24	-0.05
			Sg	48:12.20	0.07
MORH	42.4	25	Pg	8:48:06.24	-0.14
			Sg	48:12.36	0.07
PKB1	105.8	16	Sg	8:48:32.59	0.16
PKST	157.2	349	Sn	8:48:45.29	-0.93*

804.

2022-05-11	time:	9:10:47.45	UTC	ML= 1.9
lat:	48.750N	lon:	18.729E	h= 0.0 km
				erh= 3.0km erz= 2.7km
nr=	18	gap=	140	rms= 0.88
Locality: Slovakia				
Comments: probably explosion				

sta	dist	azm	phase	hr mn sec	res
VYHS	29.6	165	Pg	9:10:53.99	1.26
			Sg	10:59.32	2.47
SMOL	99.4	255	Pg	9:11:05.44	0.23
			Sg	11:17.36	-1.69
SRO	108.7	197	Sg	9:11:21.90	-0.09
PENC	114.3	159	Pg	9:11:08.54	0.67
			Sg	11:22.41	-1.39
MODS	115.1	249	Pg	9:11:08.18	0.18
PSZ	126.6	137	Pg	9:11:09.52	-0.54
			Sg	11:25.67	-2.02
KECS	132.9	103	Pn	9:11:11.52	0.47
MORC	143.2	323	Pn	9:11:12.02	-0.32
			Sn	11:31.15	-0.60
PKSG	153.1	189	Sn	9:11:32.68	-1.28
CSKK	158.1	193	Sn	9:11:34.21	-0.86
PKST	173.7	197	Pn	9:11:16.57	0.42
			Sn	11:38.76	0.23
KRLC	204.2	316	Sn	9:11:46.20	0.91

805.

2022-05-11	time:	10:29:59.79	UTC	ML= 0.7
lat:	47.244N	lon:	18.264E	h= 0.0 km
				erh= 2.2km erz= 295km
nr=	6	gap=	245	rms= 0.18
Locality: Iszkaszentgyörgy				
Comments: probably explosion				

sta	dist	azm	phase	hr mn sec	res
CSKK	13.2	359	Pg	10:30:02.40	0.25
			Sg	30:04.16	0.17
PKST	17.5	275	Pg	10:30:02.91	0.00
			Sg	30:05.10	-0.24
PKSG	19.0	30	Pg	10:30:03.09	-0.09
			Sg	30:05.57	-0.25

Hypocenter Parameters

806.

2022-05-11 time: 11:10:36.28 UTC ML= 1.8
 lat: 48.138N lon: 18.965E h= 0.0 km
 erh= 2.5km erz= ***km
 nr= 16 gap= 59 rms=1.02
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	40.8	346	Pg	11:10:45.31			1.75
			Sg	10:48.28			-0.96
PENC	45.3	148	Pg	11:10:45.40			1.04
			Sg	10:50.95			0.28
SRO	60.5	233	Sg	11:10:55.20			-0.32
PSZ	73.5	109	Pg	11:10:49.94			0.53
			Sg	10:58.95			-0.69
PKSG	93.4	207	Pg	11:10:53.55			0.59
			Sg	11:04.68			-1.29
CSKK	101.0	212	Pg	11:10:54.96			0.65
			Sg	11:06.96			-1.42
LANS	118.6	18	Pg	11:10:57.86			0.40
			Sg	11:13.21			-0.77
KECS	119.2	71	Pg	11:10:57.00			-0.56
			Sg	11:12.12			-2.05
SMOL	121.4	290	Sg	11:11:12.76			-2.09

807.

2022-05-11 time: 11:49:19.61 UTC ML= 1.6
 lat: 48.142N lon: 18.983E h= 0.0 km
 erh= 2.3km erz= ***km
 nr= 16 gap= 87 rms=0.92
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	40.7	344	Pg	11:49:27.83			0.96
			Sg	49:32.15			-0.39
PENC	45.0	150	Pg	11:49:28.82			1.18
			Sg	49:34.34			0.44
A338	49.1	253	Pg	11:49:29.01			0.64
			Sg	49:35.09			-0.12
SRO	61.9	234	Sg	11:49:38.62			-0.68
PSZ	72.4	110	Pg	11:49:33.09			0.56
			Sg	49:41.63			-0.98
PKSG	94.5	208	Pg	11:49:36.74			0.26
			Sg	49:48.97			-0.67
CSKK	102.1	212	Sg	11:49:51.79			-0.29
KECS	117.7	71	Pg	11:49:40.38			-0.26
			Sg	49:55.12			-1.91
PKST	121.3	216	Sg	11:49:56.02			-2.14
MODS	129.3	282	Sg	11:49:57.59			-3.11

808.

2022-05-11 time: 23:31:23.76 UTC ML= 0.8
 lat: 47.383N lon: 18.234E h= 10.3 km
 erh= 0.9km erz= 0.4km
 nr= 8 gap=218 rms=0.07
 Locality: Mór
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	3.0	137	Pg	23:31:25.77			0.10
			Sg	31:27.09			-0.08
PKSG	11.9	85	Pg	23:31:26.58			0.01
			Sg	31:28.64			-0.12
PKST	20.4	228	PgD	23:31:27.85			0.00
			Sg	31:31.01			-0.02
MORH	133.5	166	Sn	23:32:03.66			0.10
PKSM	133.8	167	Sn	23:32:03.54			-0.11

Földrengés paraméterek

809.

2022-05-12 time: 6:05:46.77 UTC ML= 1.7
 lat: 47.334N lon: 18.460E h= 0.0 km
 erh= 3.3km erz= 5.5km
 nr= 7 gap=161 rms=0.67
 Locality: Lovasberény
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	8.3	321	PgU	6:05:48.71			0.46
			Sg	05:48.99			-0.42
CSKK	15.4	282	Pg	6:05:50.32			0.80
			Sg	05:51.35			-0.32
PKST	33.3	255	Sg	6:05:56.68			-0.66
MORH	125.1	174	Sg	6:06:26.38			-0.15
VYHS	132.0	12	Sn	6:06:27.09			-1.50

810.

2022-05-12 time: 8:19:16.77 UTC ML= 1.7
 lat: 47.332N lon: 18.457E h= 0.0 km
 erh= 1.7km erz= 3.2km
 nr= 15 gap=114 rms=0.67
 Locality: Lovasberény
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	8.4	323	PgU	8:19:18.44			0.17
			Sg	19:18.81			-0.63
CSKK	15.3	283	Pg	8:19:19.95			0.45
			Sg	19:21.46			-0.17
PKST	33.0	256	Pg	8:19:23.05			0.39
			Sg	19:26.12			-1.14
PKB4	93.5	173	Sg	8:19:47.58			1.09
MORH	124.8	173	Pg	8:19:39.04			-0.02
			Sg	19:55.58			-0.87
PKSM	125.3	174	Sg	8:19:55.82			-0.76
PSZ	126.2	59	Pg	8:19:40.21			0.90
			Sg	19:56.21			-0.68
VYHS	132.3	12	Pn	8:19:40.61			0.30
			Sn	19:56.13			-2.53
KOVH	140.9	191	Sn	8:19:59.66			-0.90

811.

2022-05-12 time: 8:37:46.36 UTC ML= 2.0
 lat: 48.252N lon: 21.247E h= 0.0 km
 erh= 3.6km erz= 4.0km
 nr= 12 gap=152 rms=1.23
 Locality: Tállya
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	4.9	353	PgU	8:37:48.75			1.51
			Sg	37:49.38			1.45
KECS	62.0	295	Pg	8:37:58.49			1.06
			Sg	38:05.67			-0.40
TRPA	97.0	98	Pg	8:38:04.53			0.85
			Sg	38:16.41			-0.78
KOLS	107.1	45	Sg	8:38:18.37			-2.03
PSZ	107.4	250	Sg	8:38:19.70			-0.79
NIE	146.8	332	Pn	8:38:11.70			0.00
			Sn	38:29.34			-2.12
PENC	155.3	251	Sn	8:38:31.22			-2.14
LANS	164.8	307	Sn	8:38:34.91			-0.54

Földrengés paraméterek

812.

2022-05-12 time: 8:58:50.09 UTC ML= 1.9
 lat: 48.951N lon: 21.196E h= 0.0 km
 erh= 3.9km erz= 5.0km
 nr= 9 gap=228 rms=0.65
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	72.9	177	Pg	8:59:03.09			-0.02
			Sg	59:12.17			-1.10
KECS	73.7	225	Pg	8:59:04.19			0.93
			Sg	59:12.95			-0.58
NIE	82.8	309	Pg	8:59:04.97			0.10
			Sg	59:16.55			0.15
LANS	128.2	280	Pg	8:59:12.79			-0.21
			Sg	59:29.70			-1.16
PSZ	149.9	220	Sn	8:59:37.06			1.19

813.

2022-05-12 time: 9:31:15.50 UTC ML= 1.7
 lat: 48.478N lon: 17.387E h= 0.0 km
 erh= 1.3km erz= 413km
 nr= 12 gap=125 rms=0.34
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	5.0	38	PgU	9:31:16.39			-0.01
			Sg	31:16.77			-0.32
MODS	14.2	215	Pg	9:31:18.05			0.01
			Sg	31:20.44			0.42
ZST	37.8	214	Pg	9:31:22.23			-0.03
			Sg	31:27.41			-0.11
KRUC	97.6	312	Pg	9:31:33.53			0.60
			Sg	31:45.88			-0.65
VYHS	107.1	89	Pg	9:31:34.82			0.19
			Sg	31:46.93			-2.62*
RONA	118.8	223	Pg	9:31:36.55			-0.16
			Sg	31:52.72			-0.53

814.

2022-05-12 time: 10:12:24.37 UTC ML= 1.2
 lat: 47.431N lon: 18.788E h= 0.0 km
 erh= 3.5km erz= 4.1km
 nr= 10 gap=183 rms=1.08
 Locality: Etyek
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	30.3	262	Pg	10:12:31.05			1.26
			Sg	12:34.01			-0.01
CSKK	40.6	259	Pg	10:12:32.66			1.04
			Sg	12:36.64			-0.63
PKST	60.1	251	Sg	10:12:42.85			-0.63
VYHS	118.3	2	Pg	10:12:45.90			0.40
			Sg	13:01.00			-0.97
MORH	135.5	185	Sn	10:13:05.66			-1.31
PKSM	136.0	185	Sn	10:13:05.71			-1.36
MODS	154.2	313	Sn	10:13:07.54			-3.57

815.

2022-05-12 time: 10:21:24.99 UTC ML= 0.9
 lat: 47.230N lon: 18.263E h= 0.0 km
 erh= 0.7km erz= 144km
 nr= 7 gap=189 rms=0.10
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
CSKK	14.8	359	Pg	10:21:27.72			0.09
			Sg	21:29.56			-0.13
PKST	17.6	281	Pg	10:21:28.10			-0.03
			Sg	21:30.61			0.03
PKSG	20.4	28	Pg	10:21:28.51			-0.13
			Sg	21:31.65			0.17
TIH	46.2	217	Pg	10:21:33.28			0.04

816.

2022-05-13 time: 6:26:05.31 UTC ML= 1.3
 lat: 47.974N lon: 20.411E h= 0.0 km
 erh= 5.3km erz= 982km
 nr= 6 gap=201 rms=0.58
 Locality: Felsőtárkány
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	39.1	261	Pg	6:26:11.75			-0.53
			Sg	26:17.87			0.14
KECS	56.9	6	Pg	6:26:15.67			0.20
			Sg	26:23.04			-0.35
ABAH	71.3	60	Pg	6:26:18.94			0.90
			Sg	26:27.10			-0.87

817.

2022-05-13 time: 7:04:01.17 UTC ML= 1.8
 lat: 47.697N lon: 18.510E h= 0.0 km
 erh= 2.5km erz= 5.2km
 nr= 23 gap= 88 rms=1.42
 Locality: Héreg
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SRO	19.6	311	Pg	7:04:05.39			0.72
			Sg	04:07.62			0.22
PKSG	35.1	195	Pg	7:04:08.89			1.46
			Sg	04:12.84			0.53
A338	37.3	342	Sg	7:04:12.09			-0.94
CSKK	41.6	207	Pg	7:04:10.18			1.59
			Sg	04:14.26			-0.11
PENC	58.8	80	Sg	7:04:19.66			-0.21
PKST	60.4	216	Pg	7:04:13.04			1.08
			Sg	04:20.36			-0.01
VYHS	91.9	15	Pg	7:04:18.57			0.99
			Sg	04:28.68			-1.71
EGYH	93.9	251	Pg	7:04:19.90			1.96
PKB1	103.7	168	Pg	7:04:20.61			0.93
			Sg	04:33.31			-0.81
PSZ	106.6	77	Sg	7:04:33.98			-1.08
MODS	118.8	309	Pg	7:04:21.98			-0.40
			Sg	04:36.39			-2.54
ZST	118.9	298	Sg	7:04:36.68			-2.28
PKB5	123.7	172	Sg	7:04:38.01			-2.47
MORH	164.9	176	Sn	7:04:46.90			-3.39
PKSM	165.4	177	Pn	7:04:28.30			-0.52
			Sn	04:46.82			-3.57

818.

2022-05-13 time: 7:32:43.41 UTC ML= 1.7
 lat: 46.192N lon: 17.227E h= 17.9 km
 erh= 2.4km erz= 2.7km
 nr= 16 gap=139 rms=0.46
 Locality: Somogyudvarhely
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOVH	68.4	100	P*	7:32:56.32			0.43
			S*	33:05.75			0.13
KOGS	80.4	291	P*	7:32:58.05			0.34
			S*	33:08.28			-0.59
PKSV	86.2	113	S*	7:33:10.63			0.18

Hypocenter Parameters

PTJ	103.5	252	Sn	7:33:15.17	0.35
PKSM	109.2	89	Pn	7:33:01.46	-0.31
			Sn	33:15.65	-0.44
MORH	109.4	89	Pn	7:33:01.26	-0.54
			Sn	33:15.94	-0.20
PKB4	111.3	72	Sn	7:33:16.51	-0.04
PKB5	124.4	69	Sn	7:33:19.72	0.26
PKST	133.7	27	Sn	7:33:21.44	-0.09
GROS	136.2	283	Pn	7:33:04.92	-0.21
			Sn	33:24.13	2.05
PKB1	137.0	61	Sn	7:33:24.29	2.02

819.

2022-05-13 time: 8:01:04.24 UTC ML= 1.7
lat: 48.393N lon: 19.073E h= 0.0 km
erh= 1.7km erz= 2.7km
nr= 15 gap= 76 rms=0.80

Locality: Slovakia

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	20.9	303	Pg	8:01:08.67	0.70		
			Sg	01:10.85	-0.02		
PENC	68.7	167	Sg	8:01:25.68	-0.41		
PSZ	80.7	131	Pg	8:01:19.24	0.58		
			Sg	01:29.52	-0.38		
LANS	89.1	19	Pg	8:01:20.81	0.65		
			Sg	01:31.71	-0.86		
KECS	105.0	85	Pg	8:01:22.93	-0.06		
			Sg	01:36.58	-1.03		
PKSG	122.5	205	Pg	8:01:27.23	1.12		
			Sg	01:42.52	-0.65		
MODS	133.1	269	Sn	8:01:44.33	-1.97		
NIE	145.9	39	Pn	8:01:29.83	0.36		
			Sn	01:47.70	-1.44		
PKST	148.1	212	Sn	8:01:48.25	-1.39		

820.

2022-05-13 time: 8:13:48.50 UTC ML= 1.4
lat: 48.451N lon: 21.501E h= 0.0 km
erh= 3.6km erz= 916km
nr= 7 gap=134 rms=0.60

Locality: Kishuta

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	25.9	228	Pg	8:13:53.75	0.63		
			Sg	13:56.50	-0.23		
KECS	75.2	273	Pg	8:14:02.21	0.29		
			Sg	14:10.89	-1.50		
KOLS	78.2	47	Sg	8:14:13.51	0.16		
TRPA	84.9	115	Pg	8:14:03.75	0.10		
			Sg	14:14.48	-0.99		

821.

2022-05-13 time: 9:54:19.16 UTC ML= 1.7
lat: 46.122N lon: 21.747E h= 5.5 km
erh= 2.7km erz= 2.6km
nr= 17 gap=147 rms=0.85

Locality: Romania

Comments:

sta	dist	azm	phase	hr	mn	sec	res
SIRR	17.5	337	Pg	9:54:22.42	-0.02		
			Sg	54:25.00	0.01		
SURR	50.3	144	PgC	9:54:28.65	0.45		
			Sg	54:35.00	-0.25		
BZS	57.1	190	Pg	9:54:28.69	-0.71		
			Sg	54:35.90	-1.49		
DRGR	105.0	45	Pg	9:54:39.27	1.34		
			Sg	54:51.66	-0.92		
BORG	107.6	2	Sg	9:54:52.20	-1.22		

Földrengés paraméterek

GZR	113.9	135	Pg	9:54:40.19	0.66
			Sg	54:54.06	-1.35
MARR	122.1	60	PnC	9:54:41.70	0.98
			Sn	54:56.30	-1.24
HERR	147.5	159	PnC	9:54:44.72	0.83
			Sn	55:03.10	-0.07
MDVR	149.0	181	PnD	9:54:44.79	0.71
			Sn	55:03.40	-0.11

822.

2022-05-14 time: 19:15:03.59 UTC ML= 1.1
lat: 46.544N lon: 17.846E h= 13.2 km
erh= 3.4km erz= 5.4km
nr= 14 gap=211 rms=0.76
Locality: Szentgáloskér
Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKS9	33.5	82	Sg	19:15:15.35	0.31		
KOVH	54.2	159	Pg	19:15:13.48	-0.08		
			Sg	15:20.59	-0.75		
PKB4	58.4	95	Pg	19:15:14.60	0.33		
			Sg	15:23.12	0.51		
PKB5	68.4	85	Pg	19:15:16.99	0.96		
			Sg	15:25.33	-0.41		
MORH	71.4	121	Pg	19:15:17.27	0.72		
			Sg	15:25.15	-1.51		
PKSM	71.4	121	Pg	19:15:17.42	0.86		
			Sg	15:25.31	-1.37		
PKST	80.8	10	Pg	19:15:17.50	-0.71		
			Sg	15:29.36	-0.25		
PKSG	103.0	24	S*	19:15:34.86	-1.08		

823.

2022-05-15 time: 6:11:56.92 UTC ML= 0.6
lat: 47.843N lon: 16.292E h= 13.4 km
erh= 7.5km erz= 5.3km
nr= 6 gap=176 rms=0.53
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	15.9	179	Pg	6:12:00.98	0.34		
			Sg	12:02.84	-0.70		
CONA	33.6	286	Pg	6:12:03.78	0.40		
			Sg	12:08.05	-0.37		
ABNA	112.0	325	Sn	6:12:30.23	-1.01		
KRUC	135.8	3	Sn	6:12:36.99	0.47		

824.

2022-05-16 time: 7:43:03.51 UTC ML= 1.3
lat: 47.909N lon: 16.436E h= 0.0 km
erh= 3.5km erz= ***km
nr= 9 gap=154 rms=0.77
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
RONA	25.5	204	Pg	7:43:08.58	0.52		
			Sg	43:11.01	-0.61		
CONA	43.0	273	Pg	7:43:12.30	1.11		
			Sg	43:16.81	-0.37		
MODS	81.2	50	Pg	7:43:18.32	0.31		
			Sg	43:29.23	-0.08		
ARSA	100.4	223	Sg	7:43:34.14	-1.28		
KRUC	128.3	359	Pg	7:43:26.18	-0.23		
			Sg	43:42.40	-1.88		

Földrengés paraméterek

825.

2022-05-16 time: 9:01:51.63 UTC ML= 1.2
 lat: 47.101N lon: 17.994E h= 0.0 km
 erh= 1.7km erz= 579km
 nr= 13 gap=110 rms=0.50

Locality: Litér

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	17.8	10	Pg	9:01	54	.52	-0.29
			Sg		01	55.80	-1.49
MPLH	35.3	282	Sg	9:02	03	.45	0.58
CSKK	35.4	35	Pg	9:01	58	.39	0.43
			Sg		02	02.53	-0.36
PKSG	44.1	43	Pg	9:01	59	.67	0.16
			Sg		02	06.26	0.61
MORH	110.3	153	Pg	9:02	11	.63	0.30
			Sg		02	26.08	-0.61
PKSM	110.6	153	Pg	9:02	11	.60	0.22
			Sg		02	25.85	-0.94
KOVH	112.9	176	Pg	9:02	12	.00	0.20
			Sg		02	26.67	-0.85

826.

2022-05-16 time: 9:48:20.35 UTC ML= 1.5
 lat: 47.300N lon: 17.688E h= 0.0 km
 erh= 0.5km erz= 118km
 nr= 5 gap=164 rms=0.05

Locality: Bakonykoppány

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	18.3	218	Pg	9:48	23	.59	-0.02
			Sg		48	26.18	0.03
PKST	26.6	100	Sg	9:48	28	.84	0.03
EGYH	29.9	296	Pg	9:48	25	.62	-0.06
			Sg		48	29.94	0.09

827.

2022-05-17 time: 6:02:04.74 UTC ML= 1.0
 lat: 47.972N lon: 16.083E h= 0.0 km
 erh= 1.8km erz= 492km
 nr= 6 gap=142 rms=0.29

Locality: Austria

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	17.3	254	Pg	6:02	07	.87	0.05
			Sg		02	10.02	-0.21
RONA	34.2	152	Pg	6:02	10	.93	0.08
			Sg		02	15.39	-0.23
KRUC	123.3	11	Pg	6:02	27	.08	0.32
			Sg		02	42.95	-0.99

828.

2022-05-17 time: 6:47:04.75 UTC ML= 1.7
 lat: 47.886N lon: 19.888E h= 0.0 km
 erh= 4.6km erz= 7.3km
 nr= 11 gap=178 rms=1.07

Locality: Mátraszentimre

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	3.7	8	PgU	6:47	05	.75	0.34
			Sg		47	07.72	1.80
PENC	46.6	257	Pg	6:47	14	.33	1.26
			Sg		47	20.04	0.48
KECS	80.0	34	Sg	6:47	29	.69	-0.48
VYHS	103.4	311	Pg	6:47	23	.82	0.60
			Sg		47	35.55	-2.07

Hypocenter Parameters

ABAH	110.6	66	Pg	6:47:24.36	-0.14
			Sg	47:38.87	-1.03
PKSG	125.2	244	Sg	6:47:42.65	-1.89
PKST	155.9	243	Sn	6:47:50.60	-1.27

829.

2022-05-17 time: 6:55:47.08 UTC ML= 1.1
 lat: 47.335N lon: 18.124E h= 7.6 km
 erh= 0.2km erz= 0.2km
 nr= 9 gap=156 rms=0.04
 Locality: Bakonycsernye
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	10.8	73	Pg	6:55	49	.49	0.06
			Sg		55	51.25	-0.01
PKST	10.9	219	PgD	6:55	49	.45	0.01
			Sg		55	51.27	-0.01
PKSG	21.1	73	Pg	6:55	51	.02	-0.06
			Sg		55	54.20	0.00
SRO	55.0	15	Sg	6:56	04	.75	0.01
MORH	130.6	162	Sn	6:56	26	.89	0.02
PKSM	131.0	162	Sn	6:56	26	.93	-0.02

830.

2022-05-17 time: 8:11:40.71 UTC ML= 1.5
 lat: 48.628N lon: 20.749E h= 0.0 km
 erh= 1.3km erz= 2.3km
 nr= 9 gap= 93 rms=0.67
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	25.2	230	Pg	8:11	45	.90	0.69
			Sg		11	48.98	0.25
ABAH	51.7	135	Pg	8:11	50	.14	0.19
			Sg		11	57.40	0.24
NIE	93.6	340	Sg	8:12	10	.74	0.29
PSZ	101.2	219	Sg	8:12	12	.29	-0.60
KOLS	117.1	73	Sg	8:12	17	.70	-0.21
VYHS	142.0	264	Sn	8:12	23	.41	-1.33
TRPA	143.7	113	Sn	8:12	23	.09	-2.03

831.

2022-05-17 time: 10:13:30.28 UTC ML= 1.0
 lat: 47.541N lon: 18.590E h= 0.0 km
 erh= 5.1km erz= 4.6km
 nr= 8 gap=169 rms=0.84
 Locality: Nagyegyháza
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	22.4	222	Pg	10:13	35	.35	1.07
			Sg		13	38.17	0.76
CSKK	31.8	231	Pg	10:13	36	.28	0.32
			Sg		13	38.99	-1.39
PKST	52.4	233	Sg	10:13	46	.28	-0.66
VYHS	107.5	10	Sg	10:14	04	.23	-0.22
MORH	147.4	178	Sn	10:14	14	.30	-1.22
PKSM	147.9	178	Sn	10:14	15	.01	-0.60

832.

2022-05-17 time: 11:19:31.48 UTC ML= 1.0
 lat: 47.927N lon: 16.115E h= 0.0 km
 erh= 2.2km erz= 615km
 nr= 6 gap=142 rms=0.37
 Locality: Austria
 Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
CONA	18.9	271	PgU	11:19:34.80		-0.06	
			Sg	19:37.23		-0.27	
RONA	28.7	152	PgU	11:19:36.65		0.05	
			Sg	19:40.39		-0.20	
KRUC	127.9	9	Pg	11:19:54.99		0.66	
			Sg	20:11.49		-0.66	

833.

2022-05-18 time: 7:10:33.86 UTC ML= 1.3
lat: 47.992N lon: 16.560E h= 0.0 km
erh= 5.6km erz= ***km
nr= 8 gap=160 rms=1.00
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
RONA	38.0	211	Pg	7:10:41.48		0.83	
			Sg	10:45.27		-0.68	
CONA	52.6	262	Pg	7:10:44.38		1.12	
			Sg	10:49.94		-0.64	
MODS	68.2	52	Sg	7:10:55.03		-0.50	
ARSA	113.5	223	Sg	7:11:07.90		-2.03	
KRUC	119.5	354	Pg	7:10:55.66		0.45	
			Sg	11:10.33		-1.53	

834.

2022-05-18 time: 8:08:19.82 UTC ML= 1.3
lat: 48.582N lon: 20.768E h= 0.0 km
erh= 3.1km erz= 5.4km
nr= 12 gap= 90 rms=1.16
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	23.6	242	Pg	8:08:24.36		0.33	
			Sg	08:26.67		-0.64	
ABAH	47.2	132	Pg	8:08:28.40		0.14	
			Sg	08:34.04		-0.80	
PSZ	98.3	221	Pg	8:08:39.14		1.77	
			Sg	08:50.43		-0.63	
NIE	98.8	340	Pg	8:08:39.10		1.63	
			Sg	08:50.58		-0.65	
LANS	114.4	304	Sg	8:08:54.31		-1.88	
KOLS	117.4	71	Sg	8:08:56.35		-0.78	
TRPA	140.6	111	Sn	8:09:01.56		-1.98	
VYHS	143.0	266	Sn	8:09:02.98		-1.10	

835.

2022-05-18 time: 8:25:23.37 UTC ML= 1.9
lat: 48.884N lon: 20.494E h= 0.0 km
erh= 1.9km erz= 3.5km
nr= 17 gap= 97 rms=0.76
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	44.5	181	Pg	8:25:31.48		0.15	
			Sg	25:37.13		-0.40	
NIE	61.0	347	Pg	8:25:34.63		0.37	
			Sg	25:42.17		-0.58	
STHS	80.6	43	Pg	8:25:38.08		0.31	
			Sg	25:47.63		-1.38	
LANS	80.7	292	Pg	8:25:38.39		0.60	
			Sg	25:48.65		-0.38	
ABAH	85.4	140	Pg	8:25:38.85		0.23	
			Sg	25:50.85		0.33	
PSZ	116.2	202	Pg	8:25:44.66		0.54	
			Sg	25:59.16		-1.14	
VYHS	129.5	250	Pg	8:25:46.55		0.05	
			Sg	26:01.61		-2.94	
PENC	151.2	216	Sn	8:26:07.87		-1.58	

Földrengés paraméterek

OJC	156.9	341	Pn	8:25:51.10	1.13
			Sn	26:08.51	-2.20

836.

2022-05-18 time: 8:41:20.42 UTC ML= 1.6
lat: 48.859N lon: 18.122E h= 0.0 km
erh= 2.9km erz= 5.4km
nr= 9 gap=150 rms=0.69
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	63.9	233	Sg	8:41:40.50		-0.21	
VYHS	66.4	128	Pg	8:41:32.34		0.06	
			Sg	41:40.81		-0.72	
MODS	82.4	229	Pg	8:41:35.56		0.43	
			Sg	41:45.83		-0.77	
MORC	110.4	338	Pg	8:41:40.91		0.77	
			Sg	41:53.85		-1.67	
KRLC	166.6	324	Pn	8:41:48.88		0.66	
			Sn	42:09.11		-0.79	

837.

2022-05-18 time: 8:58:39.38 UTC ML= 1.0
lat: 47.650N lon: 18.785E h= 0.0 km
erh= 5.9km erz= ***km
nr= 9 gap=156 rms=1.08
Locality: Úny
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	40.4	67	Sg	8:58:53.14		0.91	
PKSG	41.3	226	Pg	8:58:46.14		-0.62	
			Sg	58:52.18		-0.33	
CSKK	50.8	231	Pg	8:58:50.11		1.66	
			Sg	58:56.81		1.29	
PKST	71.4	232	Sg	8:59:00.93		-1.14	
PSZ	88.3	70	Sg	8:59:06.70		-0.76	
VYHS	93.9	2	Sg	8:59:08.84		-0.40	
MPLH	108.1	240	Sg	8:59:12.22		-1.52	

838.

2022-05-18 time: 10:09:45.73 UTC ML= 1.4
lat: 45.978N lon: 18.516E h= 0.0 km
erh= 7.1km erz= ***km
nr= 12 gap=223 rms=1.00
Locality: Szajk
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	22.7	244	Pg	10:09:49.87		0.08	
			Sg	09:52.85		-0.11	
PKSM	27.7	21	Pg	10:09:50.05		-0.64	
			Sg	09:53.54		-1.01	
MORH	28.2	21	Pg	10:09:50.13		-0.65	
			Sg	09:53.30		-1.41	
KOVH	34.5	291	Pg	10:09:50.93		-0.96	
			Sg	09:55.52		-1.16	
PKB4	58.0	7	Pg	10:09:58.13		2.04	
PKS9	70.1	345	Pg	10:09:59.42		1.17	
PKB5	70.6	14	Pg	10:09:59.42		1.07	
PKB1	92.1	13	Pg	10:10:02.24		0.06	

839.

2022-05-18 time: 10:58:01.49 UTC ML= 1.7
lat: 48.912N lon: 20.709E h= 0.0 km
erh= 3.0km erz= 5.4km
nr= 10 gap= 89 rms= 0.73
Locality: Slovakia
Comments: probably explosion

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
KECS	50.5	199	Pg	10:58:	10.71	0.21	
			Sg	58:16.92	-0.61		
NIE	63.3	333	Pg	10:58:	13.90	1.11	
			Sg	58:21.21	-0.39		
ABAH	78.9	150	Pg	10:58:	15.98	0.40	
			Sg	58:26.00	-0.57		
LANS	94.5	286	Pg	10:58:	18.33	-0.04	
PSZ	125.9	209	Pg	10:58:	24.29	0.32	
			Sg	58:39.40	-2.10		
KWP	166.0	61	Sn	10:58:	49.46	-1.39	

840.

2022-05-18 time: 11:00:04.00 UTC ML= 1.8
lat: 48.423N lon: 17.216E h= 0.0 km
erh= 2.5km erz= 4.3km
nr= 16 gap= 78 rms=0.87
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	7.1	140	PgU	11:00:	05.22	-0.06	
			Sg	00:06.63	0.36		
SMOL	18.7	57	Pg	11:00:	06.71	-0.64	
			Sg	00:10.94	0.99		
ZST	26.6	198	Pg	11:00:	09.45	0.70	
			Sg	00:13.37	0.92		
KRUC	93.2	320	Pg	11:00:	21.29	0.64	
			Sg	00:32.58	-1.05		
RONA	105.7	220	Pg	11:00:	23.25	0.38	
			Sg	00:35.99	-1.60		
CONA	114.7	241	Pg	11:00:	24.04	-0.45	
			Sg	00:37.21	-3.27		
VYHS	120.1	86	Pg	11:00:	25.40	-0.05	
MORC	152.4	9	Pn	11:00:	30.03	-0.02	
			Sn	00:48.53	-1.83		
KRLC	186.5	350	Sn	11:00:	59.98	2.07	

841.

2022-05-18 time: 11:34:28.17 UTC ML= 1.9
lat: 48.389N lon: 17.327E h= 0.0 km
erh= 3.5km erz= 872km
nr= 11 gap=189 rms=0.75
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	4.0	244	PgU	11:34:	29.52	0.62	
			Sg	34:30.73	1.27		
SMOL	15.8	29	Pg	11:34:	31.09	0.10	
			Sg	34:33.75	0.57		
ZST	27.2	218	Pg	11:34:	32.99	-0.03	
			Sg	34:35.59	-1.22		
KRUC	101.4	317	Pg	11:34:	45.65	-0.64	
			Sg	34:59.37	-1.05		
RONA	108.5	225	Pg	11:34:	47.98	0.42	
			Sg	35:03.15	0.47		
CONA	120.4	245	Sg	11:35:	04.33	-2.13	

842.

2022-05-18 time: 13:45:22.75 UTC ML= 2.2
lat: 46.181N lon: 16.413E h= 10.8 km
erh= 1.4km erz= 1.3km
nr= 36 gap= 64 rms=0.69
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOGS	32.3	337	Pg	13:45:	28.73	-0.10	
			Sg	45:33.44	-0.12		
BEHE	42.6	41	Pg	13:45:	30.03	-0.57	

Hypocenter Parameters

PTJ	47.0	228	Sg	45:35.87	-0.86
ZAG	50.8	220	Pg	13:45:31.01	-0.36
GOLS	63.8	253	Sg	45:37.18	-0.91
GCIS	70.1	240	Pg	13:45:31.75	-0.27
GROS	76.7	294	iPg	13:45:34.66	0.35
CESS	77.0	253	iPg	13:45:43.77	0.45
CRES	83.9	242	iPg	13:45:35.44	0.03
PDKS	110.2	263	Pg	13:45:35.53	0.24
PERS	111.8	297	Sg	45:48.08	0.69
SOKA	119.6	298	Pn	13:45:36.57	-0.02
KOVH	130.8	95	ePg	13:45:37.95	1.32
ARSA	137.0	330	iPg	13:45:37.81	0.35
PKSV	146.1	103	Pn	13:45:42.16	0.03
BLY	170.2	159	Sn	45:49.64	0.01
PKSM	172.1	89	Pn	13:46:02.81	-0.94
MORH	172.3	89	Sn	45:56.49	-1.12
PKB4	172.3	78	Pn	13:46:12.85	-1.19
PKST	172.5	46	Sn	46:10.60	0.44
PKB5	184.5	76	Pn	13:46:13.01	0.02
			Sn	46:12.93	1.88
			Pn	13:46:14.35	3.27*
			Sn	13:46:16.38	2.61

843.

2022-05-19 time: 4:26:36.95 UTC ML= 0.9
lat: 47.987N lon: 19.677E h= 0.7 km
erh= 0.2km erz=10.5km
nr= 6 gap=118 rms=0.04
Locality: Nagybárkány
Comments:

sta	dist	azm	phase	hr	mn	sec	res
PSZ	18.0	115	Pg	4:26:	40.22	0.05	
			Sg	26:42.62	-0.06		
PENC	36.8	233	Pg	4:26:	43.54	0.02	
			Sg	26:48.60	-0.04		
KECS	81.6	47	Sg	4:27:02.87	-0.01		
VYHS	84.1	312	Sg	4:27:03.66	-0.02		

844.

2022-05-19 time: 8:14:34.57 UTC ML= 1.1
lat: 47.187N lon: 18.208E h= 0.0 km
erh= 1.6km erz= 512km
nr= 10 gap=139 rms=0.40
Locality: Csór
Comments: probably explosion

PKST	15.4	302	Pg	8:14:37.23	-0.09
CSKK	20.0	11	Pg	8:14:39.59	0.12
PKSG	26.7	31	Pg	8:14:40.53	-0.41
MORH	112.9	163	Pg	8:14:40.08	0.74
			Sg	14:42.82	-0.24
PKSM	113.3	163	Pg	8:14:55.19	0.45
			Sg	15:10.26	-0.21
			Pg	8:14:54.82	0.02
			Sg	15:09.87	-0.72

Hypocenter Parameters

845.

2022-05-19 time: 8:17:47.28 UTC ML= 1.2
 lat: 47.809N lon: 19.174E h= 0.0 km
 erh= 2.6km erz= 790km
 nr= 8 gap=144 rms=0.57
 Locality: Kosd
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	8.3	104	Pg	8:17	:49	.03	0.27
			Sg		:50	.33	0.41
BUD	37.9	197	Pg	8:17	:54	.46	0.42
			Sg		:58	.77	-0.55
PSZ	55.3	77	Pg	8:17	:56	.87	-0.28
			Sg		:03	.96	-0.88
VYHS	80.2	342	Pg	8:18	:02	.13	0.53
			Sg		:11	.22	-1.55

846.

2022-05-19 time: 8:33:38.46 UTC ML= 1.6
 lat: 48.549N lon: 20.755E h= 0.0 km
 erh= 3.0km erz= 4.6km
 nr= 11 gap= 94 rms=1.15
 Locality: Komjáti
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	21.2	250	Pg	8:33	:42	.38	0.13
			Sg		:45	.75	0.55
ABAH	45.6	128	Pg	8:33	:46	.69	0.08
			Sg		:54	.14	1.18
PSZ	94.9	222	Sg	8:34	:09	.35	0.72
NIE	101.9	342	Pg	8:33	:58	.77	2.11
			Sg		:10	.76	-0.10
LANS	115.7	305	Pg	8:33	:58	.37	-0.75
KOLS	119.6	69	Sg	8:34	:14	.88	-1.58
TRPA	140.3	109	Sn	8:34	:20	.17	-1.94
VYHS	141.9	268	Sn	8:34	:20	.80	-1.67

847.

2022-05-19 time: 9:05:13.09 UTC ML= 1.9
 lat: 48.204N lon: 21.216E h= 0.0 km
 erh= 3.5km erz= 5.9km
 nr= 10 gap=157 rms=0.89
 Locality: Rátka
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	10.4	10	Pg	9:05	:15	.57	0.63
			Sg		:17	.14	0.75
KECS	62.4	300	Pg	9:05	:25	.45	1.21
			Sg		:32	.24	-0.70
TRPA	98.7	95	Pg	9:05	:31	.48	0.75
			Sg		:43	.45	-1.03
PSZ	103.5	252	Sg	9:05	:44	.86	-1.14
KOLS	112.5	44	Pg	9:05	:32	.74	-0.44
			Sg		:47	.95	-0.90
NIE	150.5	334	Sn	9:05	:57	.71	-1.30

848.

2022-05-19 time: 9:16:29.69 UTC ML= 1.6
 lat: 47.317N lon: 18.469E h= 0.0 km
 erh= 1.7km erz= 2.7km
 nr= 12 gap=116 rms=0.54
 Locality: Pátka
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	10.2	325	PgU	9:16	:31	.60	0.10
			Sg		:31	.81	-1.11

Földrengés paraméterek

CSKK	16.5	288	Pg	9:16:32.91	0.27
			Sg	16:34.19	-0.75
PKST	33.5	259	Pg	9:16:36.29	0.62
MORH	123.2	174	Sg	9:17:08.50	-0.34
PKSM	123.6	174	Sg	9:17:08.50	-0.47
PSZ	126.3	58	Pg	9:16:52.82	0.57
			Sg	17:09.91	0.07
VYHS	133.7	12	Pn	9:16:53.44	0.05
			Sn	17:10.22	-1.66
KOVH	139.5	192	Sn	9:17:13.12	-0.05

849.

2022-05-19 time: 9:57:54.22 UTC ML= 1.1
 lat: 47.854N lon: 19.242E h= 0.0 km
 erh= 3.2km erz= 644km
 nr= 5 gap=180 rms=0.30
 Locality: Keszeg
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	7.7	157	Pg	9:57	:55	.58	-0.01
			Sg		:56	.40	-0.27
PSZ	49.3	82	Pg	9:58	:03	.45	0.42
			Sg		:09	.33	-0.57
VYHS	77.2	337	Pg	9:58	:08	.00	-0.01

850.

2022-05-19 time: 12:16:35.33 UTC ML= 1.4
 lat: 48.868N lon: 21.345E h= 0.0 km
 erh= 4.1km erz= 953km
 nr= 6 gap=152 rms=0.55
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOLS	68.5	84	Pg	12:16	:47	.47	-0.08
			Sg		:56	.96	-0.13
KECS	76.4	236	Pg	12:16	:49	.28	0.31
			Sg		:59	.00	-0.61
NIE	97.0	309	Pg	12:16	:53	.28	0.62
			Sg		:04	.80	-1.37

851.

2022-05-19 time: 20:39:40.16 UTC ML= 1.9
 lat: 45.522N lon: 16.462E h= 7.3 km
 erh= 4.2km erz= 3.2km
 nr= 16 gap=147 rms=1.04
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZAG	50.0	313	Sg	20:39	:56	.60	0.39
PTJ	57.5	317	Pg	20:39	:51	.01	0.50
			Sg		:57	.43	-1.16
CRES	85.3	293	Pg	20:39	:56	.12	0.67
			Sg		:06	.37	-1.01
BLY	103.0	147	Sg	20:40	:11	.09	-1.89
KOGS	104.3	351	Pg	20:39	:59	.47	0.64
			Sg		:11	.70	-1.68
GROS	128.2	325	Pn	20:40	:03	.57	1.33
			Sn		:17	.82	-1.64
KOVH	142.0	64	Sn	20:40	:21	.85	-0.69
PKSV	145.2	74	Sn	20:40	:22	.43	-0.82
PERS	161.8	320	Sn	20:40	:26	.94	0.03
SOKA	169.5	319	Sn	20:40	:28	.59	-0.04
PKSM	185.8	66	Sn	20:40	:33	.92	1.67
MORH	186.2	66	Sn	20:40	:33	.53	1.20

Földrengés paraméterek

Hypocenter Parameters

852.

2022-05-19 time: 21:24:11.47 UTC ML= 1.8
 lat: 45.504N lon: 16.464E h= 6.1 km
 erh= 3.2km erz= 2.6km
 nr= 15 gap=149 rms=0.79
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PTJ	59.0	318	Pg	21:24:22.60			0.53
			Sg	24:29.21			-1.13
CRES	86.2	295	Pg	21:24:27.79			0.88
			Sg	24:38.31			-0.64
BLY	101.3	146	Pg	21:24:29.21			-0.38
			Sg	24:42.70			-1.02
KOGS	106.2	351	Pg	21:24:31.25			0.78
			Sg	24:44.11			-1.18
GROS	129.9	325	Pn	21:24:34.23			0.31
			Sn	24:49.75			-1.69
KOVS	142.8	63	Sn	21:24:53.71			-0.60
PERS	163.4	320	Sn	21:24:59.32			0.45
SOKA	171.1	320	Sn	21:25:00.88			0.30
MORH	186.9	65	Sn	21:25:04.96			0.87
PKST	229.5	32	Sn	21:25:14.57			1.03

853.

2022-05-20 time: 3:02:34.77 UTC ML= 0.6
 lat: 47.332N lon: 18.120E h= 8.1 km
 erh= 0.9km erz= 0.3km
 nr= 6 gap=214 rms=0.01

Locality: Bakonycsernye
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKST	10.4	218	PgD	3:02:37.14			0.02
			Sg	02:38.93			-0.02
CSKK	11.2	72	Pg	3:02:37.24			0.01
			Sg	02:39.15			-0.01
PKSG	21.5	72	Pg	3:02:38.86			-0.02
			Sg	02:42.08			0.00

854.

2022-05-20 time: 6:45:37.35 UTC ML= 1.7
 lat: 48.818N lon: 18.937E h= 0.0 km
 erh= 3.8km erz= 5.1km
 nr= 12 gap= 90 rms=1.14

Locality: Slovakia

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	36.8	192	Pg	6:45:44.42			0.50
			Sg	45:49.44			0.39
LANS	53.6	46	Pg	6:45:47.84			0.91
			Sg	45:54.14			-0.25
KECS	120.0	108	Pg	6:45:59.94			1.15
			Sg	46:13.27			-2.24
PSZ	122.7	145	Pg	6:46:00.15			0.90
			Sg	46:14.37			-1.97
MODS	132.0	248	Sn	6:46:16.93			-2.24
MORC	147.2	316	Pn	6:46:03.13			0.40
			Sn	46:21.16			-1.37
PKSG	163.7	194	Sn	6:46:25.24			-0.97

855.

2022-05-20 time: 7:34:53.79 UTC ML= 1.2
 lat: 48.076N lon: 20.703E h= 0.0 km
 erh= 3.8km erz= 810km
 nr= 6 gap=195 rms=0.47

Locality: Miskolctapolca

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	46.8	58	Pg	7:35:02.18			0.03
			Sg	35:08.37			-0.30
KECS	48.1	340	Pg	7:35:02.89			0.51
			Sg	35:08.45			-0.62
PSZ	62.8	254	Pg	7:35:05.32			0.31
			Sg	35:12.77			-0.99

856.

2022-05-20 time: 8:41:03.27 UTC ML= 1.5
 lat: 48.984N lon: 19.376E h= 0.0 km
 erh= 2.2km erz= 3.5km
 nr= 10 gap= 87 rms=0.67

Locality: Slovakia

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
LANS	19.7	20	Pg	8:41:07.01			0.23
			Sg	41:09.12			-0.40
VYHS	67.4	216	Sg	8:41:24.96			0.26
NIE	83.7	55	Pg	8:41:18.85			0.64
			Sg	41:28.72			-1.14
KECS	98.8	124	Sg	8:41:34.29			-0.39
PSZ	124.6	162	Sg	8:41:43.23			0.37
PENC	132.9	183	Sn	8:41:43.70			-1.59
MORC	159.7	304	Pn	8:41:30.92			0.71
			Sn	41:50.44			-0.79

857.

2022-05-20 time: 9:13:57.96 UTC ML= 1.8
 lat: 48.472N lon: 18.676E h= 0.0 km
 erh= 2.3km erz= 3.0km
 nr= 14 gap= 78 rms=0.98

Locality: Slovakia

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	12.1	78	PgU	9:14:01.07			0.95
			Sg	14:02.28			0.47
PENC	88.2	149	Sg	9:14:26.17			0.17
MODS	104.1	264	Pg	9:14:17.46			0.91
			Sg	14:30.56			-0.49
PSZ	109.5	124	Pg	9:14:18.74			1.21
			Sg	14:31.73			-1.05
PKSG	122.0	190	Sg	9:14:36.21			-0.53
CSKK	127.2	194	Sg	9:14:37.14			-1.24
KECS	133.8	89	Pn	9:14:21.41			-0.27
			Sn	14:37.92			-2.26
PKST	143.2	200	Sn	9:14:42.40			0.14
NIE	159.6	49	Sn	9:14:44.13			-1.77
MORC	167.0	330	Sn	9:14:46.32			-1.24

858.

2022-05-20 time: 9:25:59.88 UTC ML= 1.9
 lat: 48.271N lon: 21.272E h= 0.0 km
 erh= 4.2km erz= 3.7km
 nr= 11 gap=204 rms=0.81

Locality: Sima

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	3.7	319	Pg	9:26:00.93			0.39
			Sg	26:01.95			0.89
KECS	62.9	292	Pg	9:26:10.73			-0.38
			Sg	26:18.96			-0.91
KOLS	104.3	45	Pg	9:26:19.20			0.70
			Sg	26:31.74			-1.29
PSZ	109.9	249	Pg	9:26:20.61			1.11
			Sg	26:33.39			-1.41
NIE	145.8	331	Pn	9:26:25.14			0.05
			Sn	26:43.50			-1.26

Hypocenter Parameters

VYHS 182.2 278 Sn 9:26:52.89 0.06
859.

2022-05-20 time: 17:56:53.38 UTC ML= 0.8
lat: 46.082N lon: 21.749E h= 1.6 km
erh= 3.1km erz=51.5km
nr= 5 gap=150 rms=0.46
Locality: Romania
Comments:

sta	dist	azm	phase	hr	mn	sec	res
SIRR	21.7	342	Pg	17:56:57.33		0.06	
			Sg	56:59.60		-0.70	
BZS	52.7	191	PgD	17:57:03.37		0.57	
			Sg	57:09.56		-0.59	
DRGR	108.1	43	Sg	17:57:27.75		-0.01	

860.

2022-05-21 time: 7:27:20.65 UTC ML= 1.8
lat: 47.212N lon: 18.112E h= 9.2 km
erh= 1.6km erz= 1.4km
nr= 21 gap= 86 rms=0.59
Locality: Várpalota
Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKST	7.9	312	PgU	7:27:22.41		-0.40	
			Sg	27:23.70		-0.80	
CSKK	20.2	34	Pg	7:27:24.37		-0.25	
			Sg	27:27.39		-0.32	
PKSG	29.1	46	Sg	7:27:30.29		-0.04	
MPLH	43.7	264	Pg	7:27:28.95		0.33	
			Sg	27:35.11		0.28	
PKB1	70.2	133	Pg	7:27:33.30		0.00	
			Sg	27:43.10		-0.06	
PKB5	83.4	145	Pg	7:27:36.63		1.00	
			Sg	27:47.25		-0.07	
PKB4	87.9	155	Sg	7:27:48.82		0.07	
MORH	117.9	160	Pn	7:27:41.34		0.12	
			Sn	27:55.85		-1.41	
PKSM	118.3	160	Pn	7:27:41.57		0.31	
			Sn	27:56.24		-1.10	
KOVH	124.9	180	Pn	7:27:42.79		0.71	
			Sn	27:57.96		-0.84	
VYHS	152.5	21	ePn	7:27:48.20		2.67	
			eSn	28:06.20		1.26	
ARSA	196.1	271	Pn	7:27:50.47		-0.50	

861.

2022-05-22 time: 21:34:05.09 UTC ML= 1.6
lat: 46.181N lon: 16.439E h= 10.0 km
erh= 1.6km erz= 1.2km
nr= 16 gap=183 rms=0.36
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOGS	33.1	334	Pg	21:34:11.36		0.10	
			Sg	34:15.99		-0.09	
BEHE	41.3	39	Pg	21:34:12.54		-0.14	
			Sg	34:18.58		-0.03	
PTJ	48.5	230	Sg	21:34:20.50		-0.34	
ZAG	52.1	221	Sg	21:34:21.72		-0.23	
GCIS	71.8	241	ePg	21:34:18.52		0.48	
			iSg	34:27.99		-0.15	
DOBS	75.0	267	ePg	21:34:18.50		-0.09	
			eSg	34:28.98		-0.15	
CRES	85.7	243	Pg	21:34:20.09		-0.40	
			Sg	34:33.05		0.55	
PERS	113.6	296	ePn	21:34:25.48		0.48	
SOKA	121.4	297	Pn	21:34:26.57		0.59	
			Sn	34:41.62		-0.65	

Földrengés paraméterek

KOVH 128.8 95 Sn 21:34:40.39 -3.52*
ARSA 138.0 330 Sn 21:34:45.50 -0.46

862.

2022-05-22 time: 23:35:44.02 UTC ML= 1.5
lat: 46.180N lon: 16.458E h= 12.7 km
erh= 1.0km erz= 0.8km
nr= 30 gap=120 rms=0.43
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOGS	33.9	332	Pg	23:35:50.49		0.01	
			Sg	35:55.20		-0.32	
BEHE	40.5	37	Pg	23:35:51.83		0.23	
			Sg	35:57.70		0.18	
PTJ	49.7	231	Pg	23:35:53.10		-0.08	
			Sg	36:00.20		-0.12	
ZAG	53.0	223	Sg	23:36:01.50		0.14	
GOLS	67.1	254	iPg	23:35:56.79		0.56	
			eSg	36:05.22		-0.53	
GCIS	73.1	242	iPg	23:35:57.67		0.40	
DOBS	76.5	267	iPg	23:35:57.51		-0.35	
			eSg	36:08.10		-0.56	
GROS	80.0	293	ePg	23:35:57.85		-0.64	
CRES	87.0	243	Pg	23:35:59.69		-0.03	
			Sg	36:12.13		0.17	
SOKA	122.8	297	Pn	23:36:05.32		0.58	
			Sn	36:20.77		-0.12	
KOVH	127.3	95	Pn	23:36:05.27		-0.03	
			Sn	36:20.27		-1.62	
ARSA	138.9	329	Sn	23:36:25.11		0.65	
PKSV	142.6	103	Sn	23:36:24.58		-0.71	
OBKA	151.5	284	Pn	23:36:08.47		0.15	
			Sn	36:27.01		-0.25	
EGYH	152.9	26	Sn	23:36:27.68		0.10	
PKSM	168.6	89	Pn	23:36:10.27		-0.17	
			Sn	36:33.96		2.91*	
MORH	168.8	89	Pn	23:36:10.59		0.12	
			Sn	36:33.46		2.36	
PKB4	168.9	78	Sn	23:36:13.67		2.54*	
RONA	169.4	356	Pn	23:36:10.02		-0.53	

863.

2022-05-23 time: 6:13:36.24 UTC ML= 1.5
lat: 47.703N lon: 18.589E h= 0.0 km
erh= 2.3km erz= 5.4km
nr= 19 gap= 92 rms=1.13
Locality: Mogyorós bánya
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SRO	24.0	301	Pg	6:13:41.23		0.70	
			Sg	13:44.05		0.17	
PKSG	37.7	203	Pg	6:13:44.53		1.56	
			Sg	13:48.68		0.46	
CSKK	45.2	213	Pg	6:13:45.31		1.00	
			Sg	13:50.95		0.35	
PENC	52.8	79	Sg	6:13:53.75		0.71	
PKST	64.7	220	Pg	6:13:47.82		0.03	
			Sg	13:56.45		-0.36	
VYHS	89.8	12	Sg	6:14:04.02		-0.78	
MPLH	98.9	233	Pg	6:13:54.95		1.05	
			Sg	14:06.56		-1.11	
EGYH	99.8	251	Sg	6:14:06.45		-1.52	
PSZ	100.7	76	Sg	6:14:07.55		-0.69	
PKB1	103.3	171	Sg	6:14:08.57		-0.51	
MODS	123.0	307	Sg	6:14:12.36		-2.97	
PKB5	123.7	175	Sg	6:14:14.16		-1.40	
MORH	165.4	179	Sn	6:14:22.87		-2.60	
PKSM	165.8	179	Sn	6:14:23.02		-2.55	

Földrengés paraméterek

Hypocenter Parameters

864.

2022-05-23 time: 7:59:24.40 UTC ML= 1.1
 lat: 47.027N lon: 18.008E h= 0.0 km
 erh= 1.2km erz= 446km
 nr= 12 gap=118 rms=0.36
 Locality: Balatonalmádi
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	25.8	4	Pg	7:59:28	47	-0.54	
			Sg	59:32	90	0.29	
MPLH	39.0	294	Pg	7:59:31	86	0.50	
			Sg	59:36	50	-0.29	
CSKK	41.9	27	Pg	7:59:31	68	-0.21	
			Sg	59:37	91	0.18	
PKSG	49.8	36	Sg	7:59:40	39	0.16	
MORH	102.5	152	Pg	7:59:42	88	0.17	
			Sg	59:57	41	0.42	
PKSM	102.8	152	Pg	7:59:42	96	0.20	
			Sg	59:56	54	-0.54	
KOVH	104.6	176	Sg	7:59:57	09	-0.56	

865.

2022-05-23 time: 8:34:01.07 UTC ML= 1.6
 lat: 48.517N lon: 17.396E h= 0.0 km
 erh= 1.6km erz= 2.9km
 nr= 14 gap=110 rms=0.59
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	2.4	99	PgU	8:34:00	91	-0.59	
			Sg	34:01	54	-0.30	
MODS	18.2	209	Pg	8:34:04	12	-0.20	
			Sg	34:06	95	0.09	
ZST	41.8	211	Pg	8:34:09	15	0.61	
			Sg	34:15	26	0.90	
KRUC	95.3	309	Pg	8:34:18	29	0.20	
			Sg	34:31	45	0.09	
VYHS	106.4	91	Pg	8:34:20	65	0.57	
RONA	122.4	222	Pg	8:34:23	25	0.33	
			Sg	34:39	01	-0.95	
CONA	131.5	240	Pn	8:34:24	31	-0.19	
			Sn	34:41	05	-1.72	
MORC	140.5	4	Sn	8:34:42	15	-2.62	

866.

2022-05-23 time: 8:36:43.33 UTC ML= 1.0
 lat: 47.224N lon: 18.272E h= 0.0 km
 erh= 3.0km erz= 323km
 nr= 5 gap=256 rms=0.15
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	15.4	357	Pg	8:36:46	30	0.21	
			Sg	36:48	12	-0.12	
PKST	18.4	282	Pg	8:36:46	50	-0.11	
			Sg	36:49	24	0.06	
PKSG	20.7	26	Sg	8:36:49	77	-0.12	

867.

2022-05-23 time: 10:08:03.93 UTC ML= 1.5
 lat: 47.574N lon: 16.307E h= 0.0 km
 erh= 2.0km erz= 3.2km
 nr= 17 gap= 81 rms=0.95
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
RONA	14.0	357	PgU	10:08:06	93	0.49	
			Sg	08:08	85	0.46	
SOP	22.5	57	Pg	10:08:07	95	0.00	
			Sg	08:10	47	-0.61	
CONA	51.6	320	Pg	10:08:13	59	0.43	
			Sg	08:19	69	-0.66	
ARSA	69.2	239	Pg	10:08:17	88	1.58	
			Sg	08:24	39	-1.55	
EGYH	79.2	103	Sg	10:08:30	04	0.94	
MPLH	103.4	116	Sg	10:08:36	89	0.10	
MODS	114.7	39	Pg	10:08:25	10	0.68	
			Sg	08:38	90	-1.50	
KOGS	125.2	182	Sg	10:08:43	12	-0.62	
PKST	135.0	105	Sn	10:08:44	54	-1.87	
GROS	138.0	206	Sn	10:08:45	76	-1.33	
KRUC	165.6	2	Pn	10:08:31	88	0.27	
			Sn	08:51	12	-2.09	

868.

2022-05-23 time: 11:30:39.72 UTC ML= 1.5
 lat: 46.779N lon: 22.839E h= 0.0 km
 erh= 4.8km erz= 5.0km
 nr= 6 gap=264 rms=0.48
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	9.8	278	Pg	11:30:41	12	-0.35	
			Sg	30:43	55	0.71	
SIRR	106.9	238	Sg	11:31:12	87	-0.82	
GZR	154.1	182	Pn	11:31:06	29	0.32	
			Sn	31:26	75	0.30	
BZS	160.0	216	Sn	11:31:27	85	0.10	

869.

2022-05-23 time: 12:28:34.13 UTC ML= 1.2
 lat: 47.614N lon: 16.328E h= 0.0 km
 erh= 4.3km erz= 6.1km
 nr= 8 gap=196 rms=0.93
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
RONA	9.8	346	PgU	12:28:36	05	0.17	
			Sg	28:37	14	-0.10	
CONA	49.4	315	Pg	12:28:43	49	0.54	
			Sg	28:50	55	0.72	
ARSA	72.9	236	Sg	12:28:56	17	-1.14	
MODS	110.2	40	Pg	12:28:54	78	0.97	
			Sg	29:07	88	-1.29	
KRUC	161.1	2	Sn	12:29:20	24	-2.15	

870.

2022-05-24 time: 2:04:10.12 UTC ML= 1.1
 lat: 48.052N lon: 16.594E h= 13.1 km
 erh= 1.9km erz= 1.7km
 nr= 17 gap=117 rms=0.62
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
WINA	39.3	279	Pg	2:04:18	03	0.52	
			Sg	04:23	56	0.28	
SOP	41.1	184	Pg	2:04:18	42	0.61	
			Sg	04:22	89	-0.92	
ZST	41.1	67	Sg	2:04:23	20	-0.63	
RONA	45.0	210	Pg	2:04:18	50	0.01	
			Sg	04:24	45	-0.58	
CONA	56.4	256	Pg	2:04:20	77	0.32	
			Sg	04:27	83	-0.68	
MODS	62.1	55	Pg	2:04:21	71	0.26	

Hypocenter Parameters

		Sg	04:29.63	-0.67	
ABNA	110.2	309	Pn	2:04:29.57	0.36
		Sn	04:42.67	-1.43	
KRUC	113.3	353	Pn	2:04:30.23	0.63
		Sn	04:43.80	-1.00	
ARSA	120.0	222	Sn	2:04:46.19	-0.11
ZVC	234.5	311	eSn	2:05:13.60	1.90
KHC	252.8	298	ePn	2:04:50.20	3.20*
		eSn	05:19.40	3.64*	

871.

2022-05-24 time: 7:31:16.72 UTC ML= 1.5
lat: 47.332N lon: 18.433E h= 0.0 km
erh= 1.6km erz= 5.6km
nr= 10 gap=113 rms=0.53
Locality: Zámoly
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	7.4	334	PgU	7:31:18.26	0.22
			Sg	31:18.69	-0.38
CSKK	13.5	285	PgU	7:31:19.65	0.51
			Sg	31:20.97	-0.05
PKST	31.3	255	Pg	7:31:22.81	0.51
			Sg	31:25.77	-0.89
MORH	125.1	173	Sg	7:31:56.48	-0.02
PKSM	125.5	173	Sg	7:31:56.09	-0.54
PSZ	127.7	59	Sg	7:31:57.11	-0.21
VYHS	132.7	13	Sn	7:31:56.72	-1.97

872.

2022-05-24 time: 8:18:35.33 UTC ML= 2.1
lat: 48.522N lon: 17.479E h= 0.0 km
erh= 1.4km erz= 379km
nr= 9 gap=145 rms=0.29
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SMOL	3.8	257	PgU	8:18:35.88	-0.13
			Sg	18:36.57	0.03
MODS	22.2	222	Pg	8:18:39.41	0.11
			Sg	18:42.48	0.09
ZST	45.7	218	Pg	8:18:43.61	0.12
			Sg	18:49.60	-0.26
KRUC	99.7	307	Pg	8:18:53.60	0.46
			Sg	19:06.41	-0.62
VYHS	100.3	92	Sg	8:19:06.73	-0.49

873.

2022-05-24 time: 8:45:28.79 UTC ML= 1.5
lat: 48.617N lon: 20.735E h= 0.0 km
erh= 3.9km erz= 5.1km
nr= 8 gap=168 rms=0.55
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.6	231	Pg	8:45:33.48	0.47
			Sg	45:36.61	0.30
ABAH	51.6	134	Pg	8:45:38.49	0.48
			Sg	45:45.16	-0.04
PSZ	99.6	219	Pg	8:45:46.57	-0.01
			Sg	45:59.04	-1.41
KOLS	118.4	73	Sg	8:46:05.70	-0.73
VYHS	140.8	264	Sn	8:46:11.81	-0.76

Földrengés paraméterek

874.

2022-05-24 time: 9:35:23.07 UTC ML= 1.4
lat: 47.463N lon: 18.725E h= 0.0 km
erh= 4.2km erz= 6.4km
nr= 11 gap=123 rms=1.04
Locality: Etyek
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	26.5	253	Pg	9:35:28.94	1.15
			Sg	35:31.65	0.17
CSKK	36.8	252	Pg	9:35:29.84	0.20
			Sg	35:34.38	-0.38
SRO	49.7	322	Sg	9:35:37.50	-1.38
PKST	56.9	247	Sg	9:35:40.55	-0.61
PSZ	101.3	60	Sg	9:35:55.15	-0.13
VYHS	114.9	4	Pg	9:35:45.21	1.62
			Sg	35:57.84	-1.76
MORH	138.8	183	Sn	9:36:05.47	-0.92
PKSM	139.2	183	Sn	9:36:05.21	-1.28

875.

2022-05-24 time: 12:17:36.23 UTC ML= 1.1
lat: 47.101N lon: 18.003E h= 0.0 km
erh= 5.1km erz= 745km
nr= 7 gap=240 rms=0.54
Locality: Litér
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	17.7	8	Pg	12:17:38.41	-0.98
			Sg	17:41.78	-0.08
CSKK	35.1	34	Sg	12:17:47.46	0.09
MPLH	36.0	282	Pg	12:17:42.80	0.15
			Sg	17:47.50	-0.15
PKSG	43.7	42	Pg	12:17:44.40	0.37
			Sg	17:51.03	0.92

876.

2022-05-25 time: 7:52:11.84 UTC ML= 1.5
lat: 48.496N lon: 17.499E h= 0.0 km
erh= 4.6km erz= 3.8km
nr= 11 gap=220 rms=0.88
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SMOL	5.5	290	Pg	7:52:12.18	-0.65
			Sg	52:13.52	-0.08
MODS	21.3	230	Pg	7:52:16.34	0.69
			Sg	52:19.24	0.61
ZST	44.5	221	Sg	7:52:25.86	-0.12
KRUC	102.6	308	Pg	7:52:31.25	1.08
			Sg	52:44.17	-0.30
RONA	126.0	225	Pg	7:52:35.08	0.74
			Sg	52:49.82	-2.07
CONA	137.1	243	Sn	7:52:53.66	-1.13
MORC	142.4	1	Sn	7:52:54.68	-1.29

877.

2022-05-25 time: 8:09:17.66 UTC ML= 1.2
lat: 45.896N lon: 18.416E h= 0.0 km
erh= 4.3km erz= 884km
nr= 11 gap=240 rms=0.71
Locality: Villánykövesd
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSV	12.7	266	Pg	8:09:19.44	-0.49
			Sg	09:22.26	0.55

Földrengés paraméterek

KOVH	32.5	311	Sg	8:09:28.23	0.24
PKSM	39.2	26	Pg	8:09:24.53	-0.13
			Sg	09:30.10	-0.02
MORH	39.7	26	Pg	8:09:24.45	-0.30
			Sg	09:30.81	0.53
PKB4	68.3	12	Pg	8:09:31.51	1.66
PKS9	77.5	352	Sg	8:09:41.16	-1.15
PKB1	102.9	16	Pg	8:09:36.15	0.11
			Sg	09:49.20	-1.17

878.

2022-05-25 time: 8:22:09.76 UTC ML= 1.5
lat: 47.933N lon: 20.090E h= 0.0 km
erh= 2.9km erz= 4.3km
nr= 10 gap=124 rms=0.97
Locality: Mátraderecske
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PSZ	14.7	263	Pg	8:22:13.50	1.11	
			Sg	22:14.96	0.52	
PENC	62.6	255	Sg	8:22:29.61	-0.04	
KECS	67.8	26	Sg	8:22:31.61	0.29	
ABAH	94.6	65	Sg	8:22:39.60	-0.23	
VYHS	112.1	304	Pg	8:22:30.51	0.73	
			Sg	22:43.89	-1.51	
PKSN	116.4	188	Sg	8:22:45.95	-0.82	
PKSG	141.2	245	Sn	8:22:51.13	-2.48	
LANS	142.9	341	Sn	8:22:53.01	-0.99	

879.

2022-05-25 time: 8:52:06.15 UTC ML= 1.7
lat: 48.027N lon: 20.098E h= 0.0 km
erh= 2.4km erz= 483km
nr= 5 gap=202 rms=0.24
Locality: Erdőkövesd
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PSZ	19.4	232	Pg	8:52:09.77	0.15	
			Sg	52:11.85	-0.48	
KECS	58.3	30	Sg	8:52:24.59	-0.09	
PENC	66.5	247	Sg	8:52:27.18	-0.10	
VYHS	107.2	299	Sg	8:52:40.50	0.29	

880.

2022-05-25 time: 8:53:33.63 UTC ML= 0.7
lat: 47.191N lon: 18.299E h= 0.0 km
erh= 0.9km erz= 270km
nr= 8 gap=149 rms=0.19
Locality: Székesfehérvár
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
CSKK	19.4	351	Pg	8:53:37.01	-0.08	
			Sg	53:38.81	-0.97	
PKST	21.4	291	Pg	8:53:37.60	0.15	
			Sg	53:40.30	-0.13	
PKSG	23.4	17	Pg	8:53:37.95	0.14	
			Sg	53:41.16	0.09	
MORH	111.6	166	Sg	8:54:08.95	-0.14	
PKSM	112.0	166	Sg	8:54:09.19	-0.02	

881.

2022-05-25 time: 8:55:08.04 UTC ML= 1.9
lat: 48.283N lon: 18.610E h= 0.0 km
erh= 1.9km erz= 2.9km
nr= 18 gap= 81 rms=0.81
Locality: Slovakia
Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr mn	sec	res
VYHS	28.8	36	PgU	8:55:13.69	0.50	
			Sg	55:17.77	0.56	
A338	35.4	213	Pg	8:55:15.50	1.14	
			Sg	55:20.27	0.97	
SMOL	91.2	286	Pg	8:55:24.74	0.42	
MODS	99.3	276	Pg	8:55:26.39	0.61	
			Sg	55:37.91	-1.70	
PSZ	103.9	113	Pg	8:55:27.17	0.57	
			Sg	55:40.20	-0.87	
CSKK	105.6	194	Sg	8:55:40.78	-0.82	
LANS	115.3	33	Pg	8:55:28.24	-0.39	
PKST	121.8	201	Pg	8:55:29.81	0.03	
			Sg	55:45.45	-1.29	
KECS	140.7	81	Pn	8:55:32.44	-0.18	
			Sn	55:49.92	-1.87	
MPLH	147.5	213	Sn	8:55:52.50	-0.80	
MORC	183.6	335	Pn	8:55:37.37	-0.59	
			Sn	55:57.99	-3.31*	

882.

2022-05-25 time: 10:12:14.54 UTC ML= 1.4
lat: 45.522N lon: 18.000E h= 0.0 km
erh= 7.9km erz= 770km
nr= 8 gap=334 rms=0.55
Locality: Croatia
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKSV	45.2	26	Pg	10:12:24.18	1.56	
KOVH	63.4	7	Pg	10:12:25.63	-0.24	
			Sg	12:34.88	0.18	
PKSM	91.4	33	Pg	10:12:30.73	-0.14	
			Sg	12:43.51	-0.10	
MORH	91.9	33	Pg	10:12:30.67	-0.29	
			Sg	12:43.59	-0.17	
PKB4	118.0	23	Pg	10:12:35.31	-0.30	

883.

2022-05-25 time: 10:12:20.00 UTC ML= 1.4
lat: 48.780N lon: 21.185E h= 0.0 km
erh= 3.0km erz= 3.9km
nr= 10 gap= 98 rms=0.85
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
ABAH	54.0	176	Pg	10:12:29.52	-0.12	
			Sg	12:37.60	0.45	
KECS	61.2	237	Pg	10:12:32.35	1.42	
			Sg	12:38.45	-1.00	
STHS	71.0	3	Sg	10:12:41.78	-0.77	
KOLS	81.7	78	Pg	10:12:34.93	0.34	
			Sg	12:46.07	0.11	
LANS	132.3	288	Sn	10:13:00.20	-1.68	
PSZ	135.4	225	Pn	10:12:44.26	0.35	
			Sn	13:01.30	-1.26	

884.

2022-05-25 time: 12:40:28.94 UTC ML= 1.5
lat: 46.951N lon: 22.665E h= 0.0 km
erh= 2.7km erz= 1.8km
nr= 7 gap=303 rms=0.75
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
DRGR	18.1	169	Pg	12:40:32.82	0.65	
			Sg	40:35.09	0.41	
SIRR	108.2	225	Pg	12:40:48.41	0.15	
			Sg	41:03.46	0.13	

Hypocenter Parameters

BZS	168.9	209	Sn	12:41:17.34	-1.61
GZR	173.4	177	Pn	12:40:57.11	-0.48
			Sn	41:17.03	-2.91

885.

2022-05-26 time: 8:40:43.38 UTC ML= 1.3
 lat: 48.557N lon: 20.704E h= 0.0 km
 erh= 4.8km erz= 6.4km
 nr= 6 gap=219 rms=0.42
 Locality: Bódvaszilas
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	18.1	243	Pg	8:40:46.75	0.13
			Sg	40:49.14	0.00
ABAH	49.1	126	Sg	8:40:58.63	-0.37
PSZ	93.1	220	Pg	8:41:00.63	0.63
			Sg	41:12.27	-0.70
VYHS	138.2	267	Pn	8:41:07.37	-0.27

886.

2022-05-26 time: 8:45:46.50 UTC ML= 1.5
 lat: 48.988N lon: 18.321E h= 0.0 km
 erh= 3.2km erz= 4.0km
 nr= 10 gap=111 rms=0.85
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	66.7	145	Pg	8:45:58.37	-0.04
			Sg	46:06.21	-1.49
LANS	85.7	78	Sg	8:46:14.42	0.67
MODS	102.8	228	Pg	8:46:05.72	0.86
			Sg	46:19.46	0.28
MORC	104.4	327	Pg	8:46:04.25	-0.89
			Sg	46:19.07	-0.62
KRUC	141.1	273	Pn	8:46:12.13	1.00
			Sn	46:28.93	-1.41
PSZ	166.4	136	Sn	8:46:36.40	0.45

887.

2022-05-26 time: 8:57:35.97 UTC ML= 1.0
 lat: 47.338N lon: 18.272E h= 3.9 km
 erh= 2.5km erz= 2.3km
 nr= 6 gap=187 rms=0.05
 Locality: Csákberény
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	2.9	343	PgU	8:57:36.87	0.03
			Sg	57:37.51	-0.01
PKSG	10.8	56	PgD	8:57:37.96	-0.06
			Sg	57:39.63	0.02
PKST	20.0	244	Pg	8:57:39.67	0.06
			Sg	57:42.39	-0.07

888.

2022-05-26 time: 8:58:22.31 UTC ML= 1.9
 lat: 48.216N lon: 21.225E h= 0.0 km
 erh= 3.1km erz= 5.5km
 nr= 11 gap=156 rms=0.82
 Locality: Rátka
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	8.9	7	Pg	8:58:24.25	0.34
			Sg	58:25.66	0.51
KECS	62.3	298	Pg	8:58:35.22	1.77
			Sg	58:41.34	-0.79
TRPA	98.2	96	Pg	8:58:40.14	0.29

Földrengés paraméterek

PSZ	104.6	252	Sg	58:52.63	-0.89
			Pg	8:58:40.77	-0.22
			Sg	58:54.49	-1.06
KOLS	111.1	44	Pg	8:58:42.42	0.27
			Sg	58:56.37	-1.25
LANS	166.0	309	Sn	8:59:10.80	-0.87

889.

2022-05-26 time: 23:05:16.98 UTC ML= 1.6
 lat: 46.442N lon: 16.289E h= 13.8 km
 erh= 7.2km erz= 2.8km
 nr= 8 gap=256 rms=0.59
 Locality: Slovenia
 Comments:

sta	dist	azm	phase	hr mn sec	res
KOGS	3.0	282	Pg	23:05:19.41	-0.10
			Sg	05:20.90	-0.58
PERS	92.5	283	P*	23:05:34.23	0.73
			S*	05:46.22	-0.16
CRES	94.0	223	S*	23:05:45.85	-0.94
SOKA	99.8	285	P*	23:05:35.33	0.71
			S*	05:48.05	-0.33
ARSA	107.2	327	Sn	23:05:49.42	-0.72

890.

2022-05-27 time: 7:21:24.71 UTC ML= 1.5
 lat: 46.127N lon: 18.026E h= 0.0 km
 erh= 1.2km erz= 2.1km
 nr= 13 gap=214 rms=0.56
 Locality: Hetvehely
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	7.1	127	PgU	7:21:26.11	0.13
			Sg	21:26.98	0.00
PKSV	31.8	147	Pg	7:21:30.48	0.10
			Sg	21:34.13	-0.68
PKSM	48.4	79	Pg	7:21:33.40	0.04
			Sg	21:39.51	-0.59
MORH	48.7	78	Pg	7:21:33.71	0.30
			Sg	21:39.84	-0.36
PKS9	54.7	21	Pg	7:21:34.95	0.47
PKB4	60.5	47	Pg	7:21:35.70	0.18
PKB5	75.4	46	Pg	7:21:38.47	0.30
PKST	125.8	0	Sg	7:22:00.20	-4.51*
PKSG	143.3	11	Sn	7:22:06.23	-2.81

891.

2022-05-27 time: 7:54:19.54 UTC ML= 1.7
 lat: 46.891N lon: 17.285E h= 0.0 km
 erh= 2.2km erz= 6.0km
 nr= 13 gap=105 rms=0.95
 Locality: Várvölgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	36.6	32	Pg	7:54:26.44	0.37
			Sg	54:32.00	0.83
BEHE	60.9	220	Sg	7:54:40.39	1.50
PKST	70.1	54	Pg	7:54:32.77	0.71
			Sg	54:42.59	0.77
CSKK	90.7	55	Sg	7:54:48.23	-0.15
KOGS	93.2	238	Sg	7:54:48.68	-0.50
PKSG	100.7	56	Sg	7:54:50.11	-1.43
KOVH	108.9	145	Sg	7:54:54.43	0.27
PKB4	110.0	113	Sg	7:54:54.66	0.17
MORH	128.4	126	Sg	7:54:58.97	-1.38
PKSM	128.5	126	Sg	7:54:58.87	-1.51
ARSA	139.7	287	Sn	7:55:01.07	-2.00

Földrengés paraméterek

892.

2022-05-27 time: 8:22:36.49 UTC ML= 1.2
 lat: 46.179N lon: 18.297E h= 0.0 km
 erh= 1.4km erz= 248km
 nr= 8 gap=205 rms=0.19
 Locality: Zobákpuszta
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	18.3	237	PgU	8:22:39.45		-0.30	
			Sg	22:42.25		-0.05	
PKSM	26.8	82	Pg	8:22:41.39		0.11	
			Sg	22:45.05		0.03	
MORH	27.1	81	Pg	8:22:41.49		0.16	
			Sg	22:44.76		-0.35	
PKSV	32.5	186	Pg	8:22:42.47		0.18	
			Sg	22:46.80		-0.01	

893.

2022-05-27 time: 9:33:18.26 UTC ML= 1.5
 lat: 48.789N lon: 20.749E h= 0.0 km
 erh= 4.7km erz= 6.4km
 nr= 8 gap=170 rms=1.00
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	39.1	210	Pg	9:33:26.79		1.55	
			Sg	33:30.64		-0.05	
ABAH	65.7	147	Pg	9:33:30.40		0.42	
			Sg	33:37.66		-1.47	
NIE	77.0	336	Sg	9:33:42.16		-0.56	
PSZ	115.7	213	Sg	9:33:54.55		-0.47	
VYHS	144.7	257	Sn	9:34:01.33		-1.56	
OJC	173.4	337	Sn	9:34:09.01		-0.25	

894.

2022-05-27 time: 10:44:10.77 UTC ML= 1.5
 lat: 47.423N lon: 18.812E h= 0.0 km
 erh= 4.5km erz= 7.6km
 nr= 12 gap=125 rms=1.46
 Locality: Sóskút
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	32.0	264	Pg	10:44:18.16		1.67	
			Sg	44:21.06		0.12	
CSKK	42.2	261	Pg	10:44:19.41		1.11	
			Sg	44:23.85		-0.33	
SRO	57.4	319	Sg	10:44:27.34		-1.67	
PKST	61.5	253	Sg	10:44:29.92		-0.41	
PKSN	99.1	126	Sg	10:44:41.53		-0.74	
EGYH	111.7	270	Sg	10:44:44.35		-1.93	
VYHS	119.1	1	Pg	10:44:34.15		2.10	
			Sg	44:47.24		-1.40	
MORH	134.8	185	Sn	10:44:51.24		-1.97	
PKSM	135.2	186	Sn	10:44:51.40		-1.91	

895.

2022-05-27 time: 12:22:40.41 UTC ML= 1.2
 lat: 47.056N lon: 18.068E h= 0.0 km
 erh= 2.1km erz= 588km
 nr= 10 gap=122 rms=0.46
 Locality: Papkeszi
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
TIH	21.9	217	Sg	12:22:47.04		-0.33	
PKST	22.7	354	Pg	12:22:44.13		-0.33	
			Sg	22:46.96		-0.66	

Hypocenter Parameters

CSKK	37.1	23	Pg	12:22:47.52	0.48
			Sg	22:51.75	-0.46
MPLH	42.0	288	Pg	12:22:48.19	0.27
			Sg	22:53.95	0.17
PKSG	44.6	33	Pg	12:22:48.77	0.39
			Sg	22:54.73	0.14
PKSM	103.6	155	Sg	12:23:11.47	-1.89

896.

sta	dist	azm	phase	hr	mn	sec	res
KOVH	16.6	241	Pg	7:32:23.22		0.23	
			Sg	32:25.26		-0.04	
PKSM	27.9	78	Pg	7:32:24.79		-0.22	
			Sg	32:28.63		-0.26	
MORH	28.2	77	Pg	7:32:24.94		-0.12	
			Sg	32:28.39		-0.60	
PKSV	30.3	185	Sg	7:32:30.20		0.54	
PKS9	47.5	359	Pg	7:32:30.27		1.76	
			Sg	32:35.45		0.32	
PKB5	59.4	35	Sg	7:32:40.39		1.49	
PKB1	79.5	29	Sg	7:32:44.77		-0.53	
BEHE	121.5	286	Sg	7:32:57.14		-1.51	
PKST	123.7	351	Sg	7:32:57.92		-1.44	
PKSG	137.2	3	Sn	7:33:01.22		-1.78	

897.

sta	dist	azm	phase	hr	mn	sec	res
VYHS	51.6	277	Pg	7:40:21.41		0.32	
			Sg	40:27.80		-0.48	
PSZ	64.2	155	Pg	7:40:23.84		0.51	
			Sg	40:31.25		-1.02	
KECS	70.9	86	Pg	7:40:24.82		0.29	
			Sg	40:33.44		-0.96	

898.

sta	dist	azm	phase	hr	mn	sec	res
VYHS	69.7	216	Pg	7:57:13.78		0.28	
			Sg	57:22.56		-0.64	
NIE	81.5	55	Sg	7:57:26.21		-0.76	
KECS	98.6	126	Pg	7:57:19.65		0.99	
			Sg	57:31.89		-0.50	
PSZ	125.7	163	Sg	7:57:41.13		0.11	

Hypocenter Parameters

899.

2022-05-30 time: 8:15:00.18 UTC ML= 1.5
 lat: 47.083N lon: 18.059E h= 0.0 km
 erh= 1.6km erz= 4.9km
 nr= 17 gap= 85 rms=0.73
 Locality: Papkeszi
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	19.7	354	Pg	8:15:03.40		-0.30	
			Sg	15:06.21		-0.23	
TIH	24.0	212	Pg	8:15:05.75		1.29	
			Sg	15:08.38		0.58	
CSKK	34.7	26	Sg	8:15:11.55		0.34	
MPLH	40.6	284	Pg	8:15:07.55		0.11	
			Sg	15:12.53		-0.57	
PKSG	42.5	36	Sg	8:15:13.58		-0.12	
PKB1	64.9	121	Sg	8:15:21.08		0.26	
PKB5	74.8	136	Sg	8:15:25.11		1.14	
PKB4	77.3	147	Sg	8:15:25.23		0.47	
MORH	106.3	155	Pg	8:15:19.43		0.27	
			Sg	15:32.63		-1.33	
PKSM	106.6	155	Pg	8:15:19.15		-0.07	
			Sg	15:32.63		-1.43	
KOVH	110.6	178	Sg	8:15:34.52		-0.82	
PKSV	133.6	174	Sn	8:15:40.71		-1.64	

900.

2022-05-30 time: 9:07:02.46 UTC ML= 1.5
 lat: 48.730N lon: 20.742E h= 0.0 km
 erh= 4.0km erz= 4.2km
 nr= 6 gap=243 rms=0.79
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	33.3	215	Pg	9:07:09.54		1.12	
			Sg	07:12.93		-0.13	
ABAH	60.6	143	Pg	9:07:13.53		0.24	
			Sg	07:20.80		-0.94	
PSZ	110.0	215	Sg	9:07:36.54		-0.88	
VYHS	143.0	259	Sn	9:07:45.76		-0.96	

901.

2022-05-30 time: 9:15:31.31 UTC ML= 1.5
 lat: 48.382N lon: 21.642E h= 10.0 km
 erh= 2.2km erz= 4.7km
 nr= 6 gap=215 rms=0.95
 Locality: Sátoraljaújhely
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
ABAH	31.4	252	Pg	9:15:37.91		0.72	
			Sg	15:40.81		-0.96	
KOLS	76.9	37	Pg	9:15:45.90		0.75	
			Sg	15:54.29		-1.66	
KECS	86.3	277	Pg	9:15:47.24		0.42	
			Sg	15:57.43		-1.50	

902.

2022-05-30 time: 9:58:03.92 UTC ML= 1.1
 lat: 47.844N lon: 18.835E h= 0.0 km
 erh= 2.5km erz= ***km
 nr= 11 gap= 84 rms=0.93
 Locality: Ipolydamásd
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	34.0	100	Pg	9:58:10.65		0.66	
			Sg	58:15.22		0.49	

Földrengés paraméterek

BUD	42.5	160	Sg	9:58:17.55		0.11	
PKSG	60.4	214	Sg	9:58:23.35		0.24	
VYHS	72.2	0	Pg	9:58:17.79		0.97	
			Sg	58:26.51		-0.37	
PSZ	79.7	84	Sg	9:58:26.51		-2.74	
PKST	88.7	223	Sg	9:58:32.16		0.05	
PKB1	117.9	182	Sg	9:58:40.53		-0.86	
MPLH	123.0	232	Sg	9:58:42.88		-0.15	
MODS	130.1	297	Sg	9:58:43.35		-1.91	

903.

2022-05-30 time: 11:34:50.54 UTC ML= 1.3
 lat: 47.855N lon: 16.029E h= 0.0 km
 erh= 2.6km erz= 5.2km
 nr= 11 gap= 94 rms=0.83
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	14.9	303	Pg	11:34:53.65		0.45	
			Sg	34:55.77		0.49	
RONA	26.5	131	Pg	11:34:55.69		0.42	
			Sg	34:59.22		0.27	
SOP	44.0	116	Pg	11:34:58.90		0.50	
ARSA	77.3	210	Pg	11:35:04.08		-0.26	
			Sg	35:14.19		-0.91	
MODS	109.4	58	Pg	11:35:10.98		0.91	
			Sg	35:23.05		-2.26	
KRUC	136.9	11	Pn	11:35:14.11		-0.53	
			Sn	35:30.97		-2.47	

904.

2022-05-30 time: 13:44:03.02 UTC ML= 0.3
 lat: 46.063N lon: 18.438E h= 0.0 km
 erh= 1.5km erz= 278km
 nr= 7 gap=173 rms=0.25
 Locality: Kátoly
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSM	22.8	43	Pg	13:44:07.14		0.04	
			Sg	44:10.66		0.38	
MORH	23.3	43	Pg	13:44:07.14		-0.04	
			Sg	44:10.02		-0.41	
PKSV	24.2	217	Pg	13:44:07.53		0.19	
			Sg	44:10.75		0.05	
KOVH	26.3	276	Sg	13:44:10.85		-0.54	

905.

2022-05-31 time: 8:31:29.77 UTC ML= 1.7
 lat: 48.842N lon: 16.045E h= 0.0 km
 erh= 5.2km erz= 4.4km
 nr= 13 gap=189 rms=1.03
 Locality: Czechia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KRUC	35.4	46	PgU	8:31:36.55		0.45	
			Sg	31:41.02		-0.02	
CONA	102.5	188	Pg	8:31:48.31		0.23	
			Sg	32:00.78		-1.58	
MODS	104.7	120	Pg	8:31:49.02		0.54	
			Sg	32:01.95		-1.12	
RONA	128.4	172	Pg	8:31:52.55		-0.15	
			Sg	32:07.36		-3.22	
KRLC	147.2	21	Pn	8:31:56.32		1.16	
			Sn	32:14.42		-0.55	
MORC	150.6	46	Pn	8:31:55.84		0.26	
			Sn	32:13.41		-2.30	
ARSA	181.2	192	Sn	8:32:24.23		1.72	

Földrengés paraméterek

906.

2022-05-31 time: 8:34:55.14 UTC ML= 2.0
 lat: 48.773N lon: 18.740E h= 0.0 km
 erh= 2.9km erz= 3.3km
 nr= 16 gap=176 rms=0.84
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	31.9	167	Pg	8:35:01.93			1.10
			Sg	35:05.61			0.34
A338	89.1	199	Sg	8:35:22.46			-0.99
SMOL	100.9	253	Sg	8:35:27.17			-0.03
SRO	111.4	197	Pg	8:35:15.95			0.93
			Sg	35:30.94			0.41
PENC	116.5	160	Pg	8:35:16.27			0.34
			Sg	35:30.77			-1.39
MODS	116.7	248	Pg	8:35:16.19			0.21
			Sg	35:30.62			-1.62
PSZ	127.9	138	Pg	8:35:18.15			0.17
			Sg	35:33.36			-2.44
MORC	141.6	322	Pn	8:35:20.03			0.20
			Sn	35:37.59			-1.49
PKSG	155.8	190	Sn	8:35:41.90			-0.34
CSKK	160.8	193	Sn	8:35:42.76			-0.59

907.

2022-05-31 time: 8:37:24.03 UTC ML= 1.6
 lat: 47.327N lon: 18.451E h= 0.0 km
 erh= 1.0km erz= 1.9km
 nr= 13 gap=114 rms=0.35
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	8.5	328	Pg	8:37:25.49			-0.06
			Sg	37:26.00			-0.74
CSKK	14.9	286	Pg	8:37:27.29			0.60
			Sg	37:28.70			-0.07
PKST	32.4	257	Pg	8:37:29.96			0.15
			Sg	37:34.19			-0.13
MORH	124.4	173	Sg	8:38:03.20			-0.36
PKSM	124.8	173	Sg	8:38:03.43			-0.26
PSZ	126.9	59	Pg	8:37:46.65			-0.04
			Sg	38:04.69			0.32
VYHS	133.0	13	Pn	8:37:47.83			0.19
			Sn	38:04.22			-1.83*
KOVH	140.3	191	Sn	8:38:07.28			-0.39

908.

2022-05-31 time: 10:36:55.85 UTC ML= 1.1
 lat: 47.536N lon: 18.557E h= 0.0 km
 erh= 6.4km erz= 5.6km
 nr= 10 gap=166 rms=0.82
 Locality: Nagyegyháza
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	20.3	218	Pg	10:37:00.33			0.85
			Sg	37:02.52			0.21
CSKK	29.5	229	Pg	10:37:01.12			0.01
			Sg	37:04.50			-0.72
PKST	50.0	232	Pg	10:37:05.20			0.42
			Sg	37:10.67			-1.08
VYHS	108.6	11	Pg	10:37:16.14			0.91
			Sg	37:28.45			-1.90
MORH	146.9	177	Sn	10:37:40.09			-0.88
PKSM	147.3	178	Sn	10:37:40.01			-1.06

Hypocenter Parameters

909.

2022-05-31 time: 11:29:32.53 UTC ML= 1.1
 lat: 47.846N lon: 16.031E h= 0.0 km
 erh= 2.7km erz= 5.5km
 nr= 8 gap= 96 rms=0.72
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	15.6	306	Pg	11:29:35.87			0.55
			Sg	29:37.67			0.18
RONA	25.7	129	Pg	11:29:37.71			0.59
			Sg	29:41.08			0.38
ARSA	76.5	210	Sg	11:29:55.78			-1.06
MODS	109.8	58	Sg	11:30:06.76			-0.66
KRUC	137.8	11	Pn	11:29:56.49			-0.26
			Sn	30:13.03			-2.61

910.

2022-06-01 time: 6:33:14.98 UTC ML= 1.1
 lat: 47.278N lon: 18.368E h= 0.0 km
 erh= 2.0km erz= 3.1km
 nr= 8 gap=112 rms=0.31
 Locality: Magyaralmás
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	12.5	320	Pg	6:33:17.27			0.06
			Sg	33:18.41			-0.54
PKSG	12.8	8	Pg	6:33:17.43			0.16
			Sg	33:18.76			-0.29
PKST	25.3	265	Pg	6:33:19.74			0.25
			Sg	33:23.15			0.13
PKSM	120.3	170	Sg	6:33:52.00			-1.22
PSZ	135.1	58	Sn	6:33:57.57			0.08

911.

2022-06-01 time: 7:33:40.12 UTC ML= 1.2
 lat: 47.998N lon: 16.619E h= 0.0 km
 erh= 3.8km erz= 946km
 nr= 8 gap=166 rms=0.67
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
RONA	41.0	216	Pg	7:33:47.30			-0.14
			Sg	33:52.16			-1.00
CONA	57.1	262	Pg	7:33:51.10			0.79
			Sg	33:58.28			0.02
MODS	64.4	50	Pg	7:33:52.36			0.75
			Sg	33:59.73			-0.84
KRUC	119.4	352	Pg	7:34:01.41			-0.03
			Sg	34:16.86			-1.22

912.

2022-06-01 time: 8:01:35.05 UTC ML= 1.7
 lat: 48.600N lon: 20.756E h= 0.0 km
 erh= 2.2km erz= 3.4km
 nr= 13 gap= 91 rms=0.88
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	23.8	237	Pg	8:01:39.73			0.43
			Sg	01:42.83			0.21
ABAH	49.3	133	Sg	8:01:51.02			0.31
NIE	96.6	340	Pg	8:01:53.32			1.02
			Sg	02:05.02			-0.73
PSZ	99.2	220	Pg	8:01:53.73			0.96
			Sg	02:06.35			-0.23

Hypocenter Parameters

LANS	112.5	303	Pg	8:01:55.22	0.07
			Sg	02:09.64	-1.18
KOLS	117.5	72	Sg	8:02:11.05	-1.36
TRPA	142.1	112	Sn	8:02:16.80	-2.32
VYHS	142.2	265	Pn	8:02:00.15	0.33
			Sn	02:17.64	-1.49

913.

2022-06-01 time: 8:04:26.74 UTC ML= 2.1
lat: 46.886N lon: 17.328E h= 0.0 km
erh= 1.9km erz= 2.4km
nr= 16 gap= 75 rms=0.83
Locality: Várvölgy
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	35.4	27	Pg	8:04:34.67	1.60
			Sg	04:38.59	0.59
TIH	43.1	88	Sg	8:04:40.16	-0.28
EGYH	59.0	0	Pg	8:04:37.73	0.45
			Sg	04:45.41	-0.09
BEHE	62.7	222	Sg	8:04:47.06	0.40
PKST	67.8	52	Sg	8:04:48.32	0.03
PKS9	79.9	115	Sg	8:04:53.02	0.87
CSKK	88.4	53	Sg	8:04:54.74	-0.11
KOGS	95.8	239	Sg	8:04:56.78	-0.41
PKSG	98.3	55	Sg	8:04:56.55	-1.43
SRO	127.2	36	Sg	8:05:06.27	-0.89
PKSV	131.7	147	Sn	8:05:07.68	-0.83
PKS7	140.6	83	Sn	8:05:09.56	-0.92
ARSA	142.9	286	Sn	8:05:09.56	-1.43
A338	147.4	32	Sn	8:05:11.75	-0.23

914.

2022-06-01 time: 9:31:11.77 UTC ML= 1.8
lat: 48.951N lon: 21.218E h= 0.0 km
erh= 3.8km erz= 5.3km
nr= 10 gap=143 rms=1.07
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	72.9	179	Pg	9:31:26.51	1.73
			Sg	31:34.74	-0.19
KECS	74.9	226	Sg	9:31:34.74	-0.84
KOLS	77.3	91	Pg	9:31:25.57	-0.01
			Sg	31:36.00	-0.35
NIE	84.0	308	Sg	9:31:38.19	-0.29
LANS	129.9	280	Sg	9:31:51.76	-1.28
TRPA	133.6	133	Sn	9:31:51.36	-2.58
PSZ	150.9	220	Pn	9:31:38.59	0.97
			Sn	31:57.24	-0.55

915.

2022-06-01 time: 9:53:47.11 UTC ML= 1.6
lat: 48.913N lon: 21.047E h= 0.0 km
erh= 2.1km erz= 3.1km
nr= 11 gap=153 rms=0.52
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
STHS	57.9	14	Pg	9:53:57.71	0.27
			Sg	54:04.84	-0.66
KECS	63.2	221	Pg	9:53:58.81	0.42
			Sg	54:06.41	-0.78
ABAH	70.0	168	Pg	9:53:59.43	-0.19
			Sg	54:08.68	-0.69
KOLS	89.9	89	Pg	9:54:03.74	0.58
			Sg	54:15.27	-0.41
PSZ	139.7	218	Pn	9:54:12.06	0.50
			Sn	54:30.56	-0.07

Földrengés paraméterek

KWP	144.9	57	Sn	9:54:29.85	-1.94
				916.	

2022-06-01 time: 10:12:05.72 UTC ML= 1.6
lat: 48.855N lon: 21.640E h= 0.0 km
erh= 1.7km erz= 2.7km
nr= 9 gap=137 rms=0.50
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOLS	47.2	79	Pg	10:12:14.75	0.60
			Sg	12:20.63	-0.10
KECS	94.6	244	Pg	10:12:22.67	0.07
			Sg	12:34.98	-0.80
TRPA	104.5	141	Pg	10:12:24.16	-0.22
			Sg	12:38.43	-0.50
NIE	115.3	303	Pg	10:12:25.80	-0.51
PSZ	166.1	231	Pn	10:12:34.11	0.65
			Sn	12:55.99	0.90

917.

2022-06-01 time: 10:33:09.95 UTC ML= 1.6
lat: 46.155N lon: 17.961E h= 0.0 km
erh= 5.7km erz= 8.8km
nr= 15 gap=201 rms=1.23
Locality: Ibafa
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	13.0	124	Pg	10:33:12.75	0.47
			Sg	33:13.53	-0.57
PKSV	37.2	143	Pg	10:33:16.93	0.33
			Sg	33:19.80	-1.98
PKSM	52.9	83	Pg	10:33:19.91	0.51
			Sg	33:24.85	-1.93
MORH	53.2	83	Pg	10:33:19.96	0.51
			Sg	33:24.98	-1.88
PKS9	53.9	27	Sg	10:33:28.55	1.45
PKB4	62.4	53	Pg	10:33:22.12	1.02
PKB5	77.1	51	Pg	10:33:24.79	1.06
PKB1	94.7	42	Pg	10:33:27.77	0.90
MPLH	117.4	344	Sg	10:33:44.62	-2.65
PKST	122.9	3	Sg	10:33:46.90	-2.12
PKSG	141.4	13	Sn	10:33:51.76	-2.10

918.

2022-06-01 time: 20:39:47.89 UTC ML= 1.6
lat: 48.627N lon: 19.476E h= 14.6 km
erh= 3.3km erz= 3.9km
nr= 9 gap=107 rms=0.77
Locality: Slovakia
Comments:

sta	dist	azm	phase	hr mn sec	res
VYHS	49.5	253	Pg	20:39:57.38	0.27
			Sg	40:03.34	-0.96
LANS	58.2	359	Pg	20:39:59.28	0.68
			Sg	40:06.01	-0.95
KECS	76.2	102	Pg	20:40:02.09	0.34
			Sg	40:10.76	-1.79
PSZ	84.7	159	P*	20:40:03.98	0.82
			S*	40:14.16	-0.90
NIE	107.2	35	Sn	20:40:20.64	-0.24

Földrengés paraméterek

Hypocenter Parameters

919.

2022-06-02 time: 6:00:11.97 UTC ML= 0.9
 lat: 47.791N lon: 16.244E h= 13.1 km
 erh= 2.6km erz= 2.0km
 nr= 12 gap=112 rms=0.62
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	10.9	159	PgD	6:00:15.21			0.20
			Sg	00:17.07			-0.31
SOP	26.4	117	Sg	6:00:20.99			-0.35
CONA	32.4	298	Pg	6:00:18.65			0.44
			Sg	00:22.89			-0.20
WINA	37.4	340	Pg	6:00:19.26			0.22
			Sg	00:24.14			-0.42
ARSA	81.0	222	Sg	6:00:37.86			-0.20
ABNA	114.9	328	Pn	6:00:32.08			0.43
			Sn	00:44.78			-2.22
KRUC	141.7	5	Pn	6:00:35.59			0.59
			Sn	00:50.76			-2.20

920.

2022-06-02 time: 6:50:06.13 UTC ML= 1.6
 lat: 47.313N lon: 18.462E h= 0.0 km
 erh= 2.0km erz= 3.3km
 nr= 11 gap=115 rms=0.65
 Locality: Pátka
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	10.2	328	PgU	6:50:08.16			0.20
			Sg	50:08.54			-0.84
CSKK	16.2	290	PgU	6:50:09.60			0.58
			Sg	50:10.97			-0.31
PKST	32.9	259	Pg	6:50:12.67			0.66
			Sg	50:15.40			-1.20
MORH	122.8	174	Sg	6:50:45.50			0.33
PKSM	123.2	174	Sg	6:50:45.11			-0.19
PSZ	127.0	58	Sg	6:50:46.60			0.12
VYHS	134.2	12	Sn	6:50:46.52			-1.91
KOVH	139.0	192	Sn	6:50:49.42			-0.08

921.

2022-06-02 time: 7:26:14.80 UTC ML= 1.2
 lat: 47.867N lon: 19.191E h= 0.0 km
 erh= 2.8km erz= 522km
 nr= 5 gap=198 rms=0.25
 Locality: Ősagárd
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	10.9	142	Pg	7:26:16.71			-0.04
			Sg	26:17.83			-0.43
PSZ	52.9	84	Pg	7:26:24.60			0.36
			Sg	26:31.45			-0.16
VYHS	74.5	339	Sg	7:26:38.44			-0.05

922.

2022-06-02 time: 8:40:08.11 UTC ML= 1.9
 lat: 48.242N lon: 21.272E h= 0.0 km
 erh= 2.7km erz= 3.0km
 nr= 15 gap=105 rms=0.85
 Locality: Tállya
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	6.4	338	PgU	8:40:10.13			0.87
			Sg	40:10.67			0.51
KECS	64.2	295	Pg	8:40:20.12			0.56

			sta	dist	azm	phase	hr	mn	sec	res
TRPA	95.0	98	Sg	40:27.06			-1.44			
			Pg	8:40:25.53			0.45			
KOLS	106.6	44	Sg	40:36.90			-1.41			
			Pg	8:40:27.49			0.35			
PSZ	108.8	251	Sg	40:39.41			-2.57			
			Pg	8:40:28.04			0.50			
NIE	148.6	332	Sg	40:40.97			-1.72			
			Pn	8:40:33.53			-0.14			
VYHS	182.7	279	Sn	40:53.13			-0.48			
DRGR	194.3	146	Sn	8:40:59.87			-1.30			
			Pn	8:40:39.96			0.59			
			Sn	41:03.94			0.18			

923.

2022-06-02 time: 8:49:51.80 UTC ML= 1.6
 lat: 47.327N lon: 18.430E h= 0.0 km
 erh= 1.9km erz= 3.4km
 nr= 12 gap= 96 rms=0.75
 Locality: Zámoly
 Comments: probably explosion

			sta	dist	azm	phase	hr	mn	sec	res
PKSG	7.8	337	PgU	8:49:53.59			0.40			
			Sg	49:53.85			-0.42			
CSKK	13.4	287	PgU	8:49:54.72			0.52			
			Sg	49:55.84			-0.23			
PKST	30.9	256	Pg	8:49:57.97			0.65			
			Sg	50:00.95			-0.67			
PKB1	66.3	156	Sg	8:50:14.42			1.53			
MORH	124.6	172	Sg	8:50:30.84			-0.58			
PKSM	125.1	173	Sg	8:50:31.07			-0.48			
PSZ	128.2	59	Sg	8:50:31.94			-0.61			
VYHS	133.2	13	Sn	8:50:31.70			-2.19			
KOVH	140.0	190	Sn	8:50:34.52			-0.88			

924.

2022-06-02 time: 9:22:00.90 UTC ML= 0.9
 lat: 47.237N lon: 18.247E h= 0.0 km
 erh= 2.3km erz= 335km
 nr= 8 gap=230 rms=0.24
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

			sta	dist	azm	phase	hr	mn	sec	res
CSKK	14.1	4	Pg	9:22:03.44			0.03			
			Sg	22:05.19			-0.18			
PKST	16.3	279	Pg	9:22:03.55			-0.25			
			Sg	22:06.16			0.10			
PKSG	20.4	32	Pg	9:22:04.26			-0.27			
			Sg	22:07.67			0.30			
MPLH	54.1	262	Pg	9:22:10.96			0.40			
			Sg	22:18.10			0.01			

925.

2022-06-02 time: 9:53:14.44 UTC ML= 1.1
 lat: 47.834N lon: 19.114E h= 0.0 km
 erh= 2.9km erz= 772km
 nr= 7 gap=154 rms=0.51
 Locality: Szendehely
 Comments: probably explosion

			sta	dist	azm	phase	hr	mn	sec	res
PENC	13.5	111	Pg	9:53:17.16			0.31			
			Sg	53:18.87			0.14			
BUD	39.6	190	Sg	9:53:26.61			-0.40			
PSZ	59.2	81	Pg	9:53:24.85			-0.15			
			Sg	53:32.80			-0.44			
VYHS	76.2	344	Pg	9:53:28.67			0.63			
			Sg	53:37.35			-1.31			

Hypocenter Parameters

Földrengés paraméterek

926 .

```
2022-06-02  time: 11:25:47.89 UTC  ML= 1.9
    lat: 48.369N  lon: 19.876E  h=   0.0 km
                  erh= 3.3km  erz= ***km
    nr= 12  gap= 84  rms=1.21
Locality: Slovakia
Comments: probably explosion
```

sta	dist	azm	phase	hr	mn	sec	res
KECS	46.8	74	Pg	11:25:56.96		0.70	
			Sg	26:03.23		0.45	
PSZ	50.1	178	Pg	11:25:57.05		0.20	
			Sg	26:02.60		-1.23	
PENC	78.1	215	Sg	11:26:13.21		0.49	
VYHS	78.2	280	Pg	11:26:02.60		0.74	
			Sg	26:11.38		-1.37	
LANS	91.9	341	Pg	11:26:06.39		2.08	
			Sg	26:15.64		-1.47	
ABAH	101.4	95	Sg	11:26:19.38		-0.74	
A338	119.9	251	Sg	11:26:24.74		-1.28	
NIE	121.0	15	Sg	11:26:23.87		-2.50	

927.

```
2022-06-02  time: 11:27:09.29 UTC  ML= 1.5
    lat: 48.362N   lon: 19.874E  h= 0.0 km
                  erh= 2.5km    erz= 891km
    nr= 10        gap=105      rms=0.70
Locality: Slovakia
Comments: probably explosion
```

sta	dist	azm	phase	hr	mn	sec	res
KECS	47.3	73	Pg	11:27:18	.20	0.47	
			Sg				-0.47
PSZ	49.3	178	Pg	11:27:18	.36	0.26	
			Sg				-0.81
VYHS	78.2	281	Pg	11:27:23	.61	0.35	
			Sg				-1.28
LANS	92.7	341	Pg	11:27:26	.51	0.67	
			Sg				-0.86
NIE	121.9	15	Pg	11:27:31	.45	0.39	
			Sg				-2.01

928.

```
2022-06-02  time: 14:29:40.39 UTC  ML= 1.7
    lat: 47.091N  lon: 19.399E  h=   0.0 km
                  erh= 4.4km  erz= 779km
    nr= 11      gap=189      rms=0.62
Locality: Tatárszentgyörgy
Comments: probably explosion
```

sta	dist	azm	phase	hr	mn	sec	res
PKS7	18.7	255	Pg	14:29:43.40		-0.33	
			Sg	29:45.99		-0.35	
PKB1	57.4	234	Pg	14:29:51.12		0.48	
PKB5	74.8	223	Pg	14:29:54.90		1.15	
			Sg	30:04.86		0.69	
PENC	78.3	354	Pg	14:29:54.94		0.57	
PSZ	99.3	22	Pg	14:29:57.69		-0.43	
PKS9	102.2	237	Pg	14:29:58.04		-0.60	
MORH	113.1	211	Pg	14:30:00.31		-0.29	
PKSM	113.6	211	Pg	14:30:00.47		-0.21	
			Sg	30:14.66		-1.85	

929

```
2022-06-02  time: 17:44:40.81 UTC  ML= 1.8
    lat: 46.266N  lon: 19.823E  h=   8.3 km
                  erh= 1.8km      erz= 1.6km
    nr= 28          gap=144        rms=0.60
    Locality: Zákányszék
    Comments:
```

sta	dist	azm	phase	hr	mn	sec	res
PKS6	42.1	332	Pg	17:44:48.78		0.31	-0.03
			Sg			44:54.41	
PKB3	51.4	290	Pg	17:44:50.47		0.36	-0.38
			Sg			44:56.99	
PKS2	53.2	298	Pg	17:44:51.36		0.93	-0.01
			Sg			44:57.92	
PKB2	63.7	315	Sg	17:45:00.58		-0.63	-1.65
			Sg			45:01.62	
AMBH	70.2	82	Pg	17:44:53.58		0.15	-0.58
			Sg			45:09.30	
MORH	91.1	266	Pg	17:44:56.99		-0.15	-0.27
			Sg			45:09.22	
PKB5	91.2	294	Pg	17:44:57.44		0.27	-0.70
			Sg			45:10.96	
PKSM	91.3	266	Pg	17:44:57.07		-0.12	-0.66
			Sg			45:09.30	
PKB4	97.2	285	Pg	17:44:58.71		0.48	-0.86
			Sg			45:10.96	
PKB1	97.9	306	Pg	17:44:58.40		0.05	-2.21
			Sg			45:09.81	
PKS7	100.6	330	Pg	17:44:59.30		0.47	-1.03
			Sg			45:11.85	
PKS9	123.9	287	Pn	17:45:02.91		0.67	-0.40
			Sn			45:18.55	
KOVH	134.5	262	Sn	17:45:21.33		0.03	
SIRR	141.6	90	Sn	17:45:21.24		-1.63	
BZS	156.7	117	Pn	17:45:07.06		0.73	
			Sn	45:25.63		-0.60	
PSZ	183.8	2	Sn	17:45:32.96		0.73	

930.

```
2022-06-02  time: 19:35:59.81 UTC  ML= 1.6
    lat: 48.796N  lon: 22.141E  h=  8.6 km
                  erlh= 1.6km      erlz= 2.1km
    nr= 10          gap=126        rms=0.35
    Locality: Slovakia
    Comments:
```

sta	dist	azm	phase	hr	mn	sec	res
KOLS	18.0	32	PgU	19:36:03	.18	-0.20	
			Sg	36:06	.18	0.02	
TRPA	79.7	158	Pg	19:36:14	.35	0.23	
			Sg	36:24	.82	-0.47	
ABAH	86.8	230	Pg	19:36:15	.71	0.33	
			Sg	36:27	.09	-0.43	
STHS	95.2	316	Pg	19:36:16	.81	-0.06	
			Sg	36:30	.19	0.01	
KECS	126.9	254	Pn	19:36:22	.08	0.53	
			Sn	36:37	.72	-0.80	
DPCP	226.9	169	Sp	19:37:05	.83	5.10*	

931

```
2022-06-03  time:  8:30:38.15 UTC  ML= 2.0
    lat: 48.226N  lon: 18.793E  h= 0.0 km
                  erh= 1.6km   erz= 2.8km
    nr= 22        gap= 79      rms=0.80
Locality: Slovakia
Comments: probably explosion
```

sta	dist	azm	phase	hr	mn	sec	res
VYHS	30.0	6	Pg	8:30:43.71		0.20	
			Sg		30:47.24		-0.45
A338	40.3	234	Sg	8:30:51.79		0.83	
SRO	58.2	218	Sg	8:30:57.12		0.48	
PENC	60.6	143	Sg	8:30:57.90		0.48	
BUD	84.3	168	Sg	8:31:04.41		-0.54	
PSZ	88.9	113	Pg	8:30:54.61		0.57	
			Sg		31:05.51		-0.92
PKSG	97.5	198	Sg	8:31:08.64		-0.50	
CSKK	103.9	203	Pg	8:30:57.59		0.89	
			Sg		31:10.60		-0.57
SMOL	106.0	288	Pg	8:30:57.67		0.59	

Földrengés paraméterek

MODS	113.6	278	Sg	8:31:12.88	-1.39
LANS	114.2	26	Pg	8:30:58.53	-0.02
PKST	121.6	208	Sg	8:31:15.78	-1.03
ZST	125.7	268	Sg	8:31:16.32	-1.78
KECS	128.7	77	Pg	8:31:00.96	-0.18
			Sg	31:16.32	-2.74
EGYH	141.6	231	Sn	8:31:20.79	-1.31
MPLH	150.4	219	Pn	8:31:05.11	1.17
			Sn	31:23.77	-0.29
ABAH	181.8	88	Sn	8:31:32.24	1.21

932.

2022-06-03 time: 8:38:51.40 UTC ML= 1.5
lat: 46.032N lon: 22.826E h= 0.0 km
erh= 4.1km erz= 5.7km
nr= 10 gap=117 rms=0.70
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	17.5	160	Pg	8:38:54.99	0.46		
			Sg	38:56.61	-0.37		
GZR	71.1	183	Pg	8:39:04.20	0.11		
			Sg	39:13.17	-0.82		
DRGR	84.9	354	Pg	8:39:06.75	0.18		
			Sg	39:17.04	-1.36		
SIRR	93.9	286	Pg	8:39:08.99	0.83		
			Sg	39:19.05	-2.18		
VOIR	185.3	111	Pn	8:39:21.92	0.39		
			Sn	39:44.51	-0.53		

933.

2022-06-03 time: 13:55:33.92 UTC ML= 1.7
lat: 47.114N lon: 19.374E h= 0.0 km
erh= 8.4km erz= 797km
nr= 5 gap=196 rms=0.42
Locality: Örkény
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	17.8	245	Pg	13:55:36.82	-0.28		
			Sg	55:39.72	0.14		
PKB5	75.5	220	Sg	13:55:58.12	0.20		
PENC	75.5	355	Pg	13:55:48.03	0.62		
PSZ	97.6	24	Pg	13:55:50.87	-0.48		

934.

2022-06-03 time: 18:26:45.87 UTC ML= 1.1
lat: 45.730N lon: 17.554E h= 10.7 km
erh= 5.9km erz= 3.7km
nr= 12 gap=202 rms=0.84
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSV	57.1	72	Pg	18:26:55.25	-0.99		
			Sg	27:03.55	-0.77		
KOVH	58.2	47	Pg	18:26:57.39	0.96		
			Sg	27:04.93	0.26		
PKSM	99.9	58	P*	18:27:04.58	0.78		
			S*	27:16.46	-1.33		
MORH	100.3	57	P*	18:27:04.35	0.48		
			S*	27:16.97	-0.93		
BEHE	102.0	324	S*	18:27:17.96	-0.40		
KOGS	128.6	308	Sn	18:27:24.68	0.19		
PKB1	151.2	39	Sn	18:27:33.00	3.50		
CRES	163.5	274	Sn	18:27:32.22	-0.01		

Hypocenter Parameters

935.

2022-06-04 time: 17:52:58.16 UTC ML= 1.7
lat: 45.598N lon: 21.319E h= 12.1 km
erh= 2.5km erz= 1.9km
nr= 18 gap=120 rms=0.83
Locality: Romania
Comments:

sta	dist	azm	phase	hr	mn	sec	res
BZS	23.3	85	PgD	17:53:03.00	0.15		
			Sg	53:07.00	0.50		
BANR	27.9	211	Pg	17:53:03.36	-0.23		
			Sg	53:07.86	0.02		
SURR	65.1	75	PgD	17:53:09.90	-0.08		
			Sg	53:18.50	-0.71		
SIRR	79.0	20	Pg	17:53:12.03	-0.39		
			Sg	53:22.26	-1.29		
AMBH	95.4	331	S*	17:53:28.14	-0.50		
MDVR	95.9	161	P*D	17:53:14.94	-0.41		
GZR	116.2	101	Pn	17:53:18.22	0.10		
			Sn	53:32.32	-1.38		
HERR	117.3	133	PnD	17:53:19.09	0.82		
			Sn	53:33.40	-0.55		
DRGR	170.7	39	Pn	17:53:27.42	2.49		
			Sn	53:49.37	3.56*		
MARR	183.6	49	PnD	17:53:28.29	1.76		
			Sn	53:48.90	0.25		

936.

2022-06-06 time: 8:15:25.76 UTC ML= 1.7
lat: 48.803N lon: 16.151E h= 0.0 km
erh= 4.6km erz= 4.3km
nr= 14 gap=183 rms=1.02
Locality: Czechia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KRUC	33.9	32	PgU	8:15:32.32	0.51		
			Sg	15:36.16	-0.38		
MODS	95.8	120	Pg	8:15:44.08	1.20		
			Sg	15:56.86	0.63		
CONA	99.6	192	Pg	8:15:43.53	-0.01		
			Sg	15:56.23	-1.19		
RONA	123.2	175	Pg	8:15:47.92	0.17		
			Sg	16:03.29	-1.62		
SOP	128.1	166	Sg	8:16:04.38	-2.11		
MORC	148.3	43	Pn	8:15:51.14	-0.14		
			Sn	16:09.40	-1.79		
KRLC	148.7	18	Sn	8:16:10.18	-1.11		
ARSA	178.9	195	Pn	8:15:57.01	1.91		
			Sn	16:18.42	0.44		

937.

2022-06-06 time: 8:28:10.84 UTC ML= 1.5
lat: 48.530N lon: 19.347E h= 0.0 km
erh= 3.5km erz= 5.2km
nr= 11 gap=132 rms=1.07
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	38.0	264	Pg	8:28:17.69	0.07		
			Sg	28:23.02	0.11		
PSZ	79.2	149	Pg	8:28:26.16	1.18		
			Sg	28:35.57	-0.45		
PENC	82.3	183	Sg	8:28:35.72	-1.29		
KECS	84.3	94	Sg	8:28:36.82	-0.81		
NIE	121.6	36	Pg	8:28:33.53	0.98		
			Sg	28:47.48	-2.00		
ABAH	142.5	101	Pn	8:28:36.82	1.18		
			Sn	28:53.91	-1.07		
PKSG	145.3	209	Sn	8:28:53.75	-1.86		

Hypocenter Parameters

938.

2022-06-06 time: 9:15:48.89 UTC ML= 1.6
 lat: 48.589N lon: 20.773E h= 0.0 km
 erh= 1.8km erz= 3.1km
 nr= 12 gap= 91 rms=0.63
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	24.2	241	Pg	9:15:	53	.50	0.28
			Sg	15:	56	.04	-0.56
ABAH	47.4	133	Pg	9:15:	57	.69	0.33
			Sg	16:	03	.96	-0.01
NIE	98.3	340	Pg	9:16:	07	.26	0.82
PSZ	99.0	221	Pg	9:16:	07	.06	0.48
			Sg	16:	19	.56	-0.82
LANS	114.3	303	Pg	9:16:	09	.14	-0.17
KOLS	116.8	71	Sg	9:16:	25	.21	-0.80
TRPA	140.5	111	Sn	9:16:	30	.93	-1.66
VYHS	143.4	266	Pn	9:16:	13	.84	0.03
			Sn	16:	30	.62	-2.62

939.

2022-06-06 time: 10:12:04.36 UTC ML= 1.8
 lat: 48.798N lon: 19.752E h= 0.0 km
 erh= 3.3km erz= ***km
 nr= 9 gap= 89 rms=0.89
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
LANS	44.4	332	Pg	10:12:	12	.98	0.70
			Sg	12:	17	.61	-0.85
KECS	64.4	123	Pg	10:12:	17	.14	1.27
			Sg	12:	24	.75	-0.09
VYHS	75.5	243	Sg	10:12:	28	.35	0.00
NIE	80.3	31	Pg	10:12:	18	.95	0.26
			Sg	12:	28	.74	-1.14
PSZ	98.4	174	Sg	10:12:	34	.47	-1.17
ABAH	123.2	117	Sg	10:12:	42	.07	-1.46

940.

2022-06-06 time: 14:38:35.62 UTC ML= 1.2
 lat: 48.568N lon: 20.786E h= 0.0 km
 erh= 2.9km erz= 867km
 nr= 8 gap=152 rms=0.62
 Locality: Tornanádaska
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	24.1	247	Pg	14:38:	39	.77	-0.15
			Sg	38:	43	.22	-0.06
ABAH	45.2	132	Pg	14:38:	44	.16	0.47
			Sg	38:	49	.02	-0.96
PSZ	98.0	223	Pg	14:38:	52	.91	-0.21
			Sg	39:	06	.87	0.11
NIE	100.8	340	Pg	14:38:	54	.51	0.89
			Sg	39:	06	.24	-1.41

941.

2022-06-07 time: 8:07:12.31 UTC ML= 1.4
 lat: 48.539N lon: 20.765E h= 0.0 km
 erh= 1.8km erz= 3.0km
 nr= 14 gap= 96 rms=0.73
 Locality: Komjáti
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	21.5	253	Pg	8:07:	16	.35	0.20

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
ABAH	44.3	128	Sg	07:19	:41		0.26
			Pg	8:07:	:20	.12	-0.10
PSZ	94.6	223	Sg	07:	:26	.78	0.38
			Pg	8:07:	:29	.52	0.33
NIE	103.3	341	Sg	07:	:42	.62	0.25
			Pg	8:07:	:31	.74	0.99
LANS	117.0	306	Sg	07:	:45	.60	0.46
KOLS	119.3	68	Sg	8:07:	:49	.20	-1.03
TRPA	139.2	109	Pn	8:07:	:36	.83	0.13
			Sn	07:	:53	.30	-2.42
VYHS	142.6	268	Pn	8:07:	:36	.91	-0.21
			Sn	07:	:54	.55	-1.92

942.

2022-06-07 time: 9:06:14.15 UTC ML= 1.5
 lat: 48.729N lon: 19.939E h= 0.0 km
 erh= 2.9km erz= ***km
 nr= 11 gap= 97 rms=0.91
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	48.7	124	Pg	9:06:	22	.74	-0.10
			Sg	06:	28	.55	-1.07
LANS	58.3	324	Pg	9:06:	24	.50	-0.05
			Sg	06:	32	.47	-0.20
NIE	81.5	20	Pg	9:06:	29	.68	0.98
			Sg	06:	38	.82	-1.24
VYHS	85.4	252	Pg	9:06:	30	.54	1.14
			Sg	06:	39	.82	-1.48
PSZ	90.1	182	Sg	9:06:	41	.68	-1.13
ABAH	107.5	117	Pg	9:06:	34	.33	0.99
			Sg	06:	47	.41	-0.90

943.

2022-06-07 time: 9:48:33.41 UTC ML= 1.1
 lat: 47.858N lon: 16.041E h= 0.0 km
 erh= 3.1km erz= 5.4km
 nr= 8 gap= 90 rms=0.94
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	15.5	300	Pg	9:48:	36	.95	0.78
			Sg	48:	39	.38	1.05
RONA	26.0	133	Pg	9:48:	38	.75	0.70
			Sg	48:	42	.12	0.44
ARSA	78.0	210	Sg	9:48:	57	.33	-0.87
MODS	108.4	58	Sg	9:49:	06	.82	-1.06
KRUC	136.4	11	Pn	9:48:	56	.98	-0.46
			Sn	49:	13	.87	-2.32

944.

2022-06-07 time: 10:12:37.26 UTC ML= 1.6
 lat: 48.350N lon: 19.834E h= 0.0 km
 erh= 1.3km erz= 467km
 nr= 10 gap=108 rms=0.37
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	48.2	175	Pg	10:12:	45	.91	0.03
			Sg	12:	52	.18	-0.41
KECS	50.5	73	Pg	10:12:	46	.54	0.27
			Sg	12:	53	.28	-0.02
VYHS	75.6	282	Sg	10:13:	01	.12	-0.16
LANS	93.0	343	Sg	10:13:	06	.16	-0.66
ABAH	104.4	93	Pg	10:12:	56	.10	0.19
			Sg	13:	10	.21	-0.24
NIE	123.9	16	Pg	10:12:	59	.89	0.50
			Sg	13:	15	.41	-1.24

Földrengés paraméterek

945.

2022-06-07 time: 11:35:41.34 UTC ML= 1.1
 lat: 46.122N lon: 21.796E h= 0.0 km
 erh= 3.1km erz= 860km
 nr= 6 gap=133 rms=0.54

Locality: Romania

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SIRR	19.3	327	Pg	11:35:45.34			0.54
			Sg	35:46.67			-0.82
BZS	57.9	194	Pg	11:35:51.82			0.14
			Sg	35:58.69			-1.05
DRGR	102.4	43	Sg	11:36:14.11			0.22
GZR	111.2	137	Sg	11:36:16.78			0.08

946.

2022-06-08 time: 7:41:04.59 UTC ML= 1.3
 lat: 46.121N lon: 18.070E h= 0.0 km
 erh= 1.0km erz= 192km
 nr= 12 gap=246 rms=0.16

Locality: Abaliget

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVS	4.4	148	PgU	7:41:05.42			0.06
			Sg	41:06.32			0.35
PKSV	29.5	151	Pg	7:41:09.57			-0.28
			Sg	41:14.04			0.08
PKSM	45.3	77	Pg	7:41:12.63			-0.04
			Sg	41:18.86			-0.12
MORH	45.6	77	Pg	7:41:12.59			-0.14
			Sg	41:19.06			-0.02
PKB4	58.6	45	Pg	7:41:15.14			0.09
PKB5	73.5	44	Pg	7:41:17.92			0.21
			Sg	41:27.80			-0.14
PKB1	92.3	37	Sg	7:41:34.03			0.11

947.

2022-06-08 time: 8:13:34.14 UTC ML= 1.5
 lat: 46.917N lon: 17.372E h= 0.0 km
 erh= 4.4km erz= 9.2km
 nr= 11 gap=106 rms=1.43

Locality: Lesenceistvánd

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	30.9	24	Pg	8:13:39.75			0.09
			Sg	13:43.83			-0.13
EGYH	55.7	357	Sg	8:13:52.60			0.75
PKST	63.1	53	Pg	8:13:46.49			1.09
			Sg	13:53.70			-0.48
BEHE	67.4	223	Pg	8:13:48.92			2.74
PKSG	93.6	56	Sg	8:14:03.18			-0.70
KOGS	100.4	239	Sg	8:14:03.81			-2.24
KOVH	107.7	149	Sg	8:14:06.80			-1.57
MORH	124.8	129	Sg	8:14:12.12			-1.69
GROS	151.8	251	Sn	8:14:19.10			-1.24

948.

2022-06-08 time: 8:31:11.97 UTC ML= 1.4
 lat: 48.021N lon: 20.695E h= 0.0 km
 erh= 3.2km erz= 621km
 nr= 6 gap=206 rms=0.38

Locality: Kisgyőr

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	50.7	53	Pg	8:31:21.32			0.29

Hypocenter Parameters

			Sg	31:27.83	-0.27
KECS	53.6	343	Pg	8:31:21.79	0.24
			Sg	31:28.30	-0.72
PSZ	60.8	259	Pg	8:31:22.50	-0.33
			Sg	31:31.82	0.51

949.

2022-06-08 time: 8:36:50.50 UTC ML= 1.3
 lat: 48.552N lon: 20.770E h= 0.0 km
 erh= 2.2km erz= 5.9km
 nr= 7 gap=222 rms=0.32
 Locality: Komjáti
 Comments: probably explosion

			sta	dist	azm	phase	hr	mn	sec	res
KECS	22.4	250	Pg	8:36:54.51			0.02			
			Sg	36:57.41			-0.20			
ABAH	44.9	129	Pg	8:36:58.54			0.02			
			Sg	37:04.54			-0.24			
PSZ	95.9	223	Pg	8:37:07.99			0.37			
			Sg	37:20.81			-0.17			
VYHS	143.0	267	Sn	8:37:31.98			-2.78			

950.

2022-06-08 time: 9:15:30.33 UTC ML= 1.9
 lat: 48.304N lon: 18.998E h= 0.0 km
 erh= 3.3km erz= 4.9km
 nr= 13 gap=107 rms=1.01
 Locality: Slovakia
 Comments: probably explosion

			sta	dist	azm	phase	hr	mn	sec	res
VYHS	24.3	331	Pg	9:15:35.20			0.53			
			Sg	15:38.02			-0.04			
PENC	60.9	160	Sg	9:15:51.03			1.35			
SRO	74.7	223	Sg	9:15:51.82			-2.25			
PSZ	79.3	123	Pg	9:15:45.47			0.97			
			Sg	15:54.87			-0.68			
LANS	100.3	20	Pg	9:15:47.97			-0.28			
			Sg	16:02.01			-0.21			
KECS	112.0	80	Pg	9:15:49.70			-0.63			
			Sg	16:04.20			-1.73			
NIE	157.1	38	Pn	9:15:58.79			1.83			
			Sn	16:17.14			-0.59			
ABAH	166.3	90	Sn	9:16:19.25			-0.52			

951.

2022-06-08 time: 9:24:30.93 UTC ML= 0.7
 lat: 47.180N lon: 18.269E h= 0.0 km
 erh= 3.1km erz= 807km
 nr= 7 gap=144 rms=0.55
 Locality: Sárkeszi
 Comments: probably explosion

			sta	dist	azm	phase	hr	mn	sec	res
PKST	19.8	296	Pg	9:24:35.22			0.75			
			Sg	24:36.87			-0.37			
CSKK	20.4	358	Pg	9:24:34.63			0.06			
			Sg	24:36.24			-1.17			
PKSG	25.3	21	Pg	9:24:35.73			0.28			
MORH	110.9	165	Sg	9:25:05.60			-0.59			
PKSM	111.3	165	Sg	9:25:05.99			-0.32			

952.

2022-06-08 time: 9:34:09.90 UTC ML= 1.5
 lat: 48.821N lon: 20.119E h= 0.0 km
 erh= 2.6km erz= 871km
 nr= 10 gap=132 rms=0.68
 Locality: Slovakia
 Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
KECS	46.3	144	Pg	9:34:	18.69	0.52	
			Sg	34:	23.78	-0.84	
LANS	60.1	308	Pg	9:34:	21.18	0.55	
			Sg	34:	28.40	-0.59	
NIE	67.9	12	Pg	9:34:	22.37	0.34	
			Sg	34:	30.59	-0.90	
VYHS	101.3	249	Pg	9:34:	28.63	0.65	
			Sg	34:	41.15	-0.94	
PSZ	101.8	189	Pg	9:34:	28.16	0.08	
			Sg	34:	40.53	-1.72	

953.

2022-06-08 time: 11:01:54.82 UTC ML= 1.8
lat: 45.514N lon: 20.990E h= 10.0 km
erh= 7.1km erz= 4.0km
nr= 6 gap=250 rms=0.54
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
BANR	18.5	142	Pg	11:01:	58.74	0.17	
			Sg	02:	00.94	-0.56	
BZS	50.3	77	Pg	11:02:	04.54	0.57	
			Sg	02:	11.44	0.33	
SIRR	98.6	32	Sg	11:02:	25.28	-1.05	
GZR	140.4	95	Sn	11:02:	35.78	-0.45	

954.

2022-06-08 time: 11:25:56.80 UTC ML= 1.6
lat: 47.909N lon: 20.121E h= 0.0 km
erh= 2.7km erz= 3.7km
nr= 11 gap=183 rms=0.63
Locality: Recsk
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	17.0	274	Pg	11:26:	00.36	0.52	
			Sg	26:	02.56	0.36	
PENC	64.2	258	Pg	11:26:	08.46	0.19	
			Sg	26:	17.08	-0.13	
KECS	69.4	23	Pg	11:26:	09.24	0.05	
			Sg	26:	18.41	-0.44	
ABAH	93.8	63	Pg	11:26:	14.00	0.46	
			Sg	26:	25.76	-0.84	
VYHS	115.6	304	Pg	11:26:	17.77	0.33	
			Sg	26:	31.56	-1.98	
PKSG	142.2	246	Sn	11:26:	39.25	-1.63	

955.

2022-06-09 time: 7:16:11.76 UTC ML= 1.9
lat: 48.260N lon: 21.265E h= 0.0 km
erh= 2.9km erz= 3.8km
nr= 12 gap=103 rms=0.85
Locality: Tállya
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	4.5	335	PgU	7:16:	13.18	0.62	
			Sg	16:	14.09	0.91	
KECS	62.9	293	Pg	7:16:	23.57	0.58	
			Sg	16:	31.29	-0.45	
TRPA	95.8	99	Pg	7:16:	27.65	-1.22	
			Sg	16:	41.96	-0.26	
KOLS	105.5	45	Sg	7:16:	45.10	-0.21	
PSZ	108.9	250	Sg	7:16:	45.29	-1.10	
NIE	146.6	332	Sn	7:16:	55.79	-1.03	
VYHS	181.8	278	Sn	7:17:	04.65	0.02	
DRGR	196.2	146	Pn	7:16:	44.27	1.01	
			Sn	17:	10.05	2.22	

Földrengés paraméterek

956.

2022-06-09 time: 7:48:12.37 UTC ML= 1.5
lat: 48.496N lon: 21.434E h= 0.0 km
erh= 6.7km erz= 6.8km
nr= 8 gap=161 rms=1.18
Locality: Nyíri
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	26.5	213	Pg	7:48:	16.90	-0.20	
			Sg	48:	20.27	-0.52	
KECS	70.1	269	Pg	7:48:	25.92	1.04	
			Sg	48:	34.07	-0.57	
KOLS	78.6	52	Sg	7:48:	37.29	-0.06	
PSZ	131.2	241	Pn	7:48:	37.36	1.60	
			Sn	48:	51.32	-2.69	
NIE	131.4	321	Sn	7:48:	52.25	-1.80	

957.

2022-06-09 time: 8:24:58.55 UTC ML= 1.4
lat: 46.084N lon: 18.147E h= 0.0 km
erh= 2.6km erz= 500km
nr= 11 gap=209 rms=0.42
Locality: Cserkút
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	3.7	278	Pg	8:24:	58.82	-0.40	
			Sg	25:	00.00	0.27	
PKSM	40.8	70	Pg	8:25:	06.03	0.20	
			Sg	25:	11.70	0.19	
MORH	41.1	69	Pg	8:25:	05.80	-0.10	
			Sg	25:	11.70	0.08	
PKB4	57.8	37	Pg	8:25:	08.70	-0.18	
			Sg	25:	16.60	-0.33	
PKB5	72.7	39	Pg	8:25:	12.31	0.77	
			Sg	25:	19.26	-2.40	
PKB1	92.3	32	Sg	8:25:	27.38	-0.52	

958.

2022-06-09 time: 8:53:30.60 UTC ML= 1.5
lat: 47.396N lon: 18.469E h= 0.0 km
erh= 3.4km erz= 4.8km
nr= 10 gap=129 rms=0.59
Locality: Csákvár
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	5.9	266	PgU	8:53:	31.89	0.23	
			Sg	53:	32.38	-0.11	
CSKK	16.2	257	Pg	8:53:	33.50	0.01	
			Sg	53:	36.27	0.53	
PKST	36.2	245	Pg	8:53:	37.21	0.14	
			Sg	53:	41.46	-0.65	
PSZ	121.8	62	Pg	8:53:	52.90	0.55	
			Sg	54:	09.44	0.12	
VYHS	125.1	13	Sg	8:54:	08.38	-1.99	
KOVH	148.1	191	Sn	8:54:	14.30	-1.68	

959.

2022-06-09 time: 9:33:10.39 UTC ML= 1.5
lat: 46.970N lon: 22.731E h= 0.0 km
erh= 4.1km erz= 3.2km
nr= 8 gap=188 rms=0.60
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	19.9	184	PgU	9:33:	14.25	0.31	
			Sg	33:	16.44	-0.27	

Földrengés paraméterek

SIRR	113.3	226	Pg	9:33:31.27	0.65
			Sg	33:45.55	-0.85
BZS	173.2	210	Sn	9:34:01.01	-0.34
GZR	175.3	179	Pn	9:33:39.33	0.05
			Sn	33:58.97	-2.84
KOLS	221.0	351	Sn	9:34:11.26	-0.69

960.

2022-06-10 time: 6:49:32.44 UTC ML= 1.0
lat: 45.871N lon: 18.400E h= 0.0 km
erh= 2.3km erz= 352km
nr= 8 gap=254 rms=0.25
Locality: Kisharsány
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSV	11.7	280	Pg	6:49:34.41	-0.11
			Sg	49:35.90	-0.25
KOVH	33.6	316	Pg	6:49:38.96	0.52
			Sg	49:42.97	-0.14
PKSM	42.3	26	Pg	6:49:39.98	-0.01
			Sg	49:46.17	0.30
MORH	42.7	26	Pg	6:49:39.90	-0.18
			Sg	49:45.86	-0.17

961.

2022-06-10 time: 8:01:41.87 UTC ML= 1.4
lat: 48.597N lon: 20.744E h= 0.0 km
erh= 4.6km erz= 6.1km
nr= 8 gap=166 rms=0.71
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	22.9	237	Pg	8:01:46.85	0.90
			Sg	01:49.48	0.35
ABAH	49.6	132	Pg	8:01:51.04	0.32
			Sg	01:57.51	-0.12
PSZ	98.3	220	Pg	8:01:59.51	0.09
			Sg	02:11.66	-1.46
KOLS	118.5	72	Sg	8:02:18.72	-0.81
VYHS	141.3	265	Sn	8:02:24.56	-1.19

962.

2022-06-10 time: 9:14:58.11 UTC ML= 1.6
lat: 48.388N lon: 17.347E h= 0.0 km
erh= 4.5km erz= 852km
nr= 7 gap=197 rms=0.67
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MODS	5.4	252	PgU	9:14:59.43	0.36
			Sg	15:00.56	0.74
SMOL	15.2	23	Pg	9:15:01.08	0.25
			Sg	15:03.64	0.69
ZST	28.0	220	Sg	9:15:06.66	-0.35
KRUC	102.5	317	Pg	9:15:15.83	-0.59
			Sg	15:28.75	-1.95

963.

2022-06-10 time: 9:55:45.25 UTC ML= 1.3
lat: 47.905N lon: 16.104E h= 0.0 km
erh= 4.0km erz= 972km
nr= 7 gap=138 rms=0.65
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CONA	18.3	278	Pg	9:55:49.07	0.55

Hypocenter Parameters

RONA	27.0	148	Sg	55:51.11	0.05
			Pg	9:55:50.40	0.33
ARSA	84.9	211	Sg	55:53.93	0.09
			Pg	9:56:00.36	-0.05
KRUC	130.4	10	Sg	56:11.34	-0.89
			Sg	9:56:24.19	-2.51

964.

2022-06-10 time: 11:04:44.70 UTC ML= 1.9
lat: 45.914N lon: 22.677E h= 0.0 km
erh= 2.3km erz= 719km
nr= 9 gap=113 rms=0.55
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
DEV	17.9	101	Pg	11:04:47.71	-0.18
			Sg	04:50.38	0.00
GZR	58.4	172	Pg	11:04:55.55	0.43
			Sg	05:03.24	-0.01
BZS	88.9	248	Pg	11:05:00.57	0.00
			Sg	05:10.60	-2.34
DRGR	97.6	2	Pg	11:05:02.78	0.65
			Sg	05:14.52	-1.21
CJR	113.7	39	Pg	11:05:04.98	-0.03

965.

2022-06-10 time: 11:24:08.72 UTC ML= 1.4
lat: 48.720N lon: 19.283E h= 0.0 km
erh= 5.5km erz= ***km
nr= 7 gap=171 rms=0.91
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	41.4	233	Pg	11:24:16.68	0.56
			Sg	24:20.28	-1.62
KECS	92.5	107	Pg	11:24:25.87	0.62
			Sg	24:36.83	-1.31
PSZ	100.0	153	Pg	11:24:27.49	0.90
			Sg	24:39.87	-0.65
NIE	108.2	44	Sg	11:24:42.26	-0.85

966.

2022-06-10 time: 12:55:22.62 UTC ML= 1.8
lat: 48.553N lon: 16.353E h= 0.0 km
erh= 3.2km erz= 4.3km
nr= 6 gap=155 rms=0.52
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KRUC	56.7	3	Pg	12:55:33.49	0.75
			Sg	55:40.14	-0.50
ZST	68.3	126	Sg	12:55:44.17	-0.15
CONA	78.5	208	Sg	12:55:47.42	-0.14
MORC	161.4	33	Pn	12:55:49.74	-0.04
			Sn	56:10.01	-0.96

967.

2022-06-10 time: 14:53:57.73 UTC ML= 1.3
lat: 47.122N lon: 17.985E h= 0.0 km
erh= 1.6km erz= 615km
nr= 14 gap=103 rms=0.52
Locality: Kádárta
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	15.6	14	Pg	14:54:00.05	-0.47
			Sg	54:02.87	0.17

Hypocenter Parameters

CSKK	33.9	38	Pg	14:54:04.08	0.29
			Sg	54:08.61	0.09
MPLH	34.2	279	Pg	14:54:03.90	0.06
			Sg	54:09.98	1.37
PKSG	42.9	46	Pg	14:54:04.99	-0.40
			Sg	54:11.18	-0.18
PKB1	72.0	121	Pg	14:54:11.10	0.51
PKB5	81.9	136	Pg	14:54:12.83	0.47
			Sg	54:24.12	0.35
PKB4	84.1	146	Sg	14:54:24.27	-0.20
KOVH	115.3	176	Pg	14:54:17.53	-0.79
			Sg	54:32.66	-1.72

968.

2022-06-11 time: 8:32:26.68 UTC ML= 1.0
lat: 46.191N lon: 18.289E h= 0.0 km
erh= 1.4km erz= 4.7km
nr= 13 gap=100 rms=0.53
Locality: Zobákpuszta
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	18.5	232	Pg	8:32:29.91	-0.08		
			Sg	32:32.75	0.18		
PKSM	27.3	85	Pg	8:32:31.85	0.29		
			Sg	32:35.29	-0.07		
MORH	27.6	84	Pg	8:32:31.77	0.17		
			Sg	32:34.98	-0.47		
PKSV	33.7	185	Pg	8:32:32.83	0.12		
			Sg	32:37.17	-0.24		
PKB4	41.7	36	Sg	8:32:40.69	0.75		
PKS9	44.0	359	Sg	8:32:41.94	1.26		
PKB1	76.5	30	Sg	8:32:50.08	-0.90		
MPLH	123.0	332	Sg	8:33:05.03	-0.75		
PKSG	133.7	3	Sn	8:33:07.30	-1.58		

969.

2022-06-13 time: 4:25:05.50 UTC ML= 2.0
lat: 46.242N lon: 16.448E h= 10.5 km
erh= 1.3km erz= 1.0km
nr= 34 gap= 63 rms=0.57
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOGS	27.5	327	Pg	4:25:10.82	0.06		
			Sg	25:15.12	0.26		
BEHE	35.8	45	Pg	4:25:11.83	-0.34		
			Sg	25:16.54	-0.83		
PTJ	53.6	225	Pg	4:25:15.20	-0.06		
			Sg	25:22.96	0.09		
ZAG	57.8	217	Sg	4:25:24.27	0.11		
GOLS	68.6	248	iPg	4:25:18.16	0.27		
			eSg	25:27.13	-0.43		
GCIS	75.9	237	iPg	4:25:19.33	0.15		
			eSg	25:29.96	0.11		
GROS	76.8	289	Pg	4:25:18.87	-0.47		
			Sg	25:28.93	-1.20		
CESS	81.7	249	ePg	4:25:20.42	0.20		
			eSg	25:31.73	0.03		
CRES	89.5	239	Pg	4:25:21.40	-0.20		
			Sg	25:34.47	0.31		
PERS	111.3	293	Pn	4:25:25.18	0.12		
			Sn	25:39.49	-0.83		
SOKA	119.0	294	Pn	4:25:26.13	0.10		
			Sn	25:41.05	-0.99		
KOVH	128.8	98	Sn	4:25:42.88	-1.33		
ARSA	132.5	328	Pn	4:25:28.28	0.56		
			Sn	25:44.44	-0.60		
MPLH	132.8	39	Pn	4:25:28.40	0.65		
			Sn	25:43.66	-1.44		
EGYH	147.1	27	Sn	4:25:47.56	-0.71		
OBKA	149.1	282	Pn	4:25:30.63	0.85		

Földrengés paraméterek

CSKK	33.9	38	Pg	14:54:04.08	0.29	Sn	25:49.80	1.08
			Sg	54:08.61	0.09	Pn	4:25:31.65	0.20
MPLH	34.2	279	Pg	14:54:03.90	0.06		25:52.78	1.09
			Sg	54:09.98	1.37	PKST	4:25:32.53	0.66
PKSG	42.9	46	Pg	14:54:04.99	-0.40		25:54.41	1.98
			Sg	54:11.18	-0.18	BLY	4:25:54.80	0.19
PKB1	72.0	121	Pg	14:54:11.10	0.51		4:25:58.53	2.89*
PKB5	81.9	136	Pg	14:54:12.83	0.47			
			Sg	54:24.12	0.35			
PKB4	84.1	146	Sg	14:54:24.27	-0.20			
KOVH	115.3	176	Pg	14:54:17.53	-0.79			
			Sg	54:32.66	-1.72			

970.

2022-06-13 time: 7:01:29.49 UTC ML= 1.6
lat: 48.407N lon: 18.681E h= 0.0 km
erh= 4.6km erz= 7.2km
nr= 12 gap=133 rms=1.55
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	15.0	50	Pg	7:01:33.29			1.11
			Sg	01:33.95			-0.32
SMOL	93.3	277	Sg	7:01:57.57			-1.59
MODS	104.0	268	Pg	7:01:49.18			1.12
			Sg	02:01.25			-1.29
PSZ	105.4	121	Pg	7:01:49.09			0.78
			Sg	02:01.34			-1.65
PKSG	114.9	191	Pg	7:01:52.57			2.56
			Sg	02:05.11			-0.91
ZST	119.4	259	Sg	7:02:04.61			-2.83
KECS	133.8	86	Sn	7:02:09.39			-2.32
PKST	136.5	201	Sn	7:02:11.43			-0.87

971.

2022-06-13 time: 8:12:35.80 UTC ML= 1.3
lat: 48.544N lon: 20.773E h= 0.0 km
erh= 1.8km erz= 2.4km
nr= 8 gap=221 rms=0.29
Locality: Komjáti
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	22.3	252	Pg	8:12:40.07			0.29
			Sg	12:42.97			0.09
ABAH	44.2	129	Pg	8:12:43.56			-0.14
			Sg	12:49.70			-0.16
PSZ	95.4	223	Pg	8:12:53.14			0.30
			Sg	13:05.82			-0.31
VYHS	143.2	268	Pn	8:13:00.44			-0.25
			Sn	13:17.72			-2.38*

972.

2022-06-13 time: 9:01:51.11 UTC ML= 0.9
lat: 47.222N lon: 18.241E h= 0.0 km
erh= 0.7km erz= 208km
nr= 9 gap=134 rms=0.16
Locality: Izska szentgyörgy
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	15.8	5	Pg	9:01:54.08			0.15
			Sg	01:56.07			-0.05
PKST	16.2	285	Pg	9:01:54.05			0.05
			Sg	01:56.23			-0.03
PKSG	22.0	31	Pg	9:01:55.02			-0.02
			Sg	01:57.90			-0.21
MORH	116.0	165	Pg	9:02:11.82			0.00
PKSM	116.4	165	Pg	9:02:11.90			0.01
			Sg	02:25.44			-2.66*

Földrengés paraméterek

973.

2022-06-13 time: 10:02:59.06 UTC ML= 1.4
 lat: 48.433N lon: 19.557E h= 0.0 km
 erh= 6.7km erz= ***km
 nr= 6 gap=168 rms=1.02
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	53.7	277	Sg	10:03:	16.03	-0.10	
PSZ	62.5	156	Pg	10:03:	11.27	1.05	
			Sg	03:19	51	0.58	
KECS	68.9	85	Pg	10:03:	11.50	0.13	
			Sg	03:19	90	-1.07	
PENC	74.3	196	Sg	10:03:	20.17	-2.52	

974.

2022-06-13 time: 10:21:23.73 UTC ML= 1.5
 lat: 48.663N lon: 21.440E h= 0.0 km
 erh= 3.4km erz= 5.3km
 nr= 9 gap=170 rms=0.69
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	43.4	200	Pg	10:21:	32.32	0.84	
			Sg	21:37	58	0.05	
KECS	73.2	254	Pg	10:21:	37.20	0.40	
			Sg	21:45	94	-1.06	
TRPA	100.7	126	Pg	10:21:	41.99	0.28	
			Sg	21:54	45	-1.28	
NIE	117.7	316	Pg	10:21:	44.63	-0.12	
PSZ	141.4	234	Pn	10:21:	48.49	0.09	
			Sn	22:05	60	-2.04	

975.

2022-06-13 time: 14:33:31.92 UTC ML= 1.9
 lat: 45.782N lon: 21.569E h= 11.0 km
 erh= 2.1km erz= 1.5km
 nr= 20 gap=150 rms=0.71
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
BZS	18.8	169	PgU	14:33:	35.78	-0.02	
			Sg	33:38	59	-0.24	
SURR	43.3	94	PgC	14:33:	40.26	0.36	
			Sg	33:46	50	0.37	
SIRR	54.4	7	Pg	14:33:	41.67	-0.16	
			Sg	33:48	14	-1.41	
BANR	55.9	217	Pg	14:33:	42.27	0.19	
			Sg	33:49	46	-0.55	
GZR	103.7	115	S*	14:34:	03.29	-1.55	
MDVR	111.8	174	PnC	14:33:	51.45	-0.04	
			Sn	34:05	70	-1.06	
HERR	120.2	146	PnD	14:33:	53.52	0.99	
			Sn	34:08	10	-0.52	
DRGR	142.6	38	Pn	14:33:	56.05	0.72	
			Sn	34:12	72	-0.87	
DJES	148.2	150	Sn	14:34:	14.20	-0.63	
MARR	155.4	50	PnC	14:33:	58.07	1.14	
			Sn	34:16	00	-0.44	
LOT	175.6	102	PnC	14:34:	00.51	1.06	
			Sn	34:22	10	1.18	

212

Hypocenter Parameters

976.

2022-06-14 time: 5:20:29.91 UTC ML= 1.6
 lat: 48.166N lon: 21.974E h= 10.7 km
 erh= 3.2km erz= 2.9km
 nr= 13 gap=100 rms=0.88
 Locality: Pátroha
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
TRPA	42.2	95	Pg	5:20:	37.36	-0.33	
			Sg	20:43	29	-0.47	
ABAH	56.5	285	Pg	5:20:	40.00	-0.18	
			Sg	20:47	21	-0.97	
KOLS	88.2	15	Pg	5:20:	46.75	0.98	
			Sg	20:59	08	0.94	
STZU	106.0	27	S*	5:21:	03.13	-0.36	
KECS	115.9	288	Pn	5:20:	49.72	-0.31	
			Sn	21:03	97	-1.75	
BMR	126.3	116	Sn	5:21:	06.17	-1.86	
PSZ	157.5	260	Pn	5:20:	56.54	1.32	
			Sn	21:16	33	1.38	
DRGR	162.6	160	Pn	5:20:	56.19	0.34	

977.

2022-06-14 time: 8:07:30.70 UTC ML= 1.5
 lat: 48.601N lon: 20.757E h= 0.0 km
 erh= 5.5km erz= 8.0km
 nr= 8 gap=191 rms=0.99
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	24.0	237	Pg	8:07:	35.80	0.81	
			Sg	07:38	66	0.33	
ABAH	49.2	134	Pg	8:07:	39.71	0.21	
			Sg	07:45	11	-1.25	
PSZ	99.4	220	Pg	8:07:	49.61	1.16	
			Sg	08:01	12	-1.17	
LANS	112.6	303	Sg	8:08:	05.17	-1.32	
VYHS	142.4	265	Sn	8:08:	13.25	-1.57	

978.

2022-06-14 time: 8:59:06.12 UTC ML= 1.8
 lat: 47.296N lon: 18.479E h= 0.0 km
 erh= 2.1km erz= 5.1km
 nr= 9 gap=117 rms=0.71
 Locality: Pátka
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	12.6	328	PgU	8:59:	08.83	0.47	
			Sg	59:09	27	-0.84	
CSKK	18.1	294	PgU	8:59:	10.19	0.83	
			Sg	59:11	80	-0.08	
PKST	33.9	263	Sg	8:59:	16.06	-0.84	
MORH	120.8	174	Sg	8:59:	44.61	0.10	
PKSM	121.2	174	Sg	8:59:	44.36	-0.28	
PSZ	126.9	57	Sg	8:59:	46.80	0.34	
VYHS	135.8	11	Sn	8:59:	46.96	-1.83	

979.

2022-06-14 time: 9:42:01.97 UTC ML= 0.8
 lat: 47.211N lon: 18.262E h= 0.0 km
 erh= 3.1km erz= 3.2km
 nr= 6 gap=230 rms=0.58
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	16.9	360	Pg	9:42:	05.49	0.50	

Hypocenter Parameters

		Sg	42:07.25	-0.09	
PKST	18.0	287	Sg	9:42:07.68	-0.02
PKSG	22.3	26	Pg	9:42:06.19	0.23
			Sg	42:08.73	-0.33
PSZ	145.9	57	Sn	9:42:45.05	-1.82

980.

2022-06-15 time: 7:35:23.42 UTC ML= 1.9
 lat: 48.225N lon: 21.249E h= 0.0 km
 erh= 2.1km erz= 2.9km
 nr= 11 gap=155 rms=0.68
 Locality: Tályya
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	7.9	355	Pg	7:35:25.66	0.83		
			Sg	35:26.41	0.48		
KECS	63.4	297	Pg	7:35:35.49	0.74		
			Sg	35:43.47	-0.12		
TRPA	96.5	96	Pg	7:35:40.85	0.20		
			Sg	35:53.64	-0.45		
PSZ	106.6	251	Pg	7:35:42.53	0.08		
			Sg	35:56.62	-0.68		
KOLS	109.1	44	Sg	7:35:56.77	-1.33		
NIE	149.5	333	Sn	7:36:08.43	-0.68		
LANS	166.7	308	Sn	7:36:11.64	-1.30		

981.

2022-06-15 time: 8:16:59.93 UTC ML= 1.3
 lat: 48.559N lon: 20.767E h= 0.0 km
 erh= 2.8km erz= 5.4km
 nr= 11 gap= 92 rms=0.88
 Locality: Tornanádaska
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	22.4	248	Pg	8:17:04.25	0.32		
			Sg	17:07.69	0.63		
ABAH	45.6	130	Pg	8:17:08.94	0.87		
			Sg	17:14.19	-0.23		
PSZ	96.3	222	Sg	8:17:29.21	-1.33		
NIE	101.2	341	Pg	8:17:18.96	0.95		
			Sg	17:31.87	-0.24		
LANS	115.8	305	Sg	8:17:35.71	-1.04		
KOLS	118.3	69	Sg	8:17:36.02	-1.52		
VYHS	142.8	267	Pn	8:17:24.91	0.14		
			Sn	17:42.28	-1.87		

982.

2022-06-15 time: 8:23:30.46 UTC ML= 1.8
 lat: 46.942N lon: 17.316E h= 0.0 km
 erh= 1.7km erz= 2.6km
 nr= 15 gap=158 rms=0.60
 Locality: Sümegprága
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	30.5	34	Pg	8:23:35.60	-0.32		
			Sg	23:39.71	-0.46		
TIH	44.2	96	Sg	8:23:44.68	0.17		
PKST	64.9	57	Pg	8:23:41.94	-0.12		
			Sg	23:50.16	-0.95		
BEHE	66.8	218	Sg	8:23:51.45	-0.23		
PKS9	83.5	118	Sg	8:23:57.83	0.84		
PKSG	95.6	58	Pg	8:23:48.28	0.74		
			Sg	24:02.05	1.19		
KOGS	98.3	236	Sg	8:24:01.19	-0.51		
MORH	129.9	128	Sg	8:24:11.13	-0.63		
PKSM	130.0	129	Sg	8:24:11.44	-0.35		
PKSV	137.4	148	Sn	8:24:13.09	-0.40		
PKB3	154.9	112	Sn	8:24:17.63	0.28		
CRES	189.3	229	Sn	8:24:26.55	1.55		

Földrengés paraméterek

983.

2022-06-15 time: 9:05:34.65 UTC ML= 1.5
 lat: 48.509N lon: 17.444E h= 0.0 km
 erh= 2.0km erz= 4.4km
 nr= 14 gap=142 rms=0.63
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	1.2	297	PgU	9:05:34.37		-0.49	
			Sg	05:34.99		-0.05	
MODS	19.4	219	Pg	9:05:38.27		0.16	
			Sg	05:41.00		0.18	
ZST	43.0	216	Pg	9:05:42.65		0.33	
			Sg	05:48.19		-0.12	
KRUC	98.6	309	Pg	9:05:53.06		0.81	
			Sg	06:05.42		-0.56	
VYHS	102.9	91	Pg	9:05:53.44		0.41	
			Sg	06:05.96		-1.40	
RONA	124.1	224	Pg	9:05:57.37		0.57	
			Sg	06:12.75		-1.33	
CONA	134.1	241	Pn	9:05:58.38		-0.02	
			Sn	06:14.49		-2.44	

984.

2022-06-15 time: 9:20:29.54 UTC ML= 0.7
 lat: 47.184N lon: 18.288E h= 0.0 km
 erh= 1.7km erz= 492km
 nr= 8 gap=147 rms=0.35
 Locality: Sárkeszi
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	20.0	354	Pg	9:20:33.44		0.32	
			Sg	20:35.20		-0.71	
PKST	21.0	293	Pg	9:20:33.67		0.38	
			Sg	20:35.67		-0.54	
PKSG	24.4	19	Pg	9:20:33.95		0.06	
			Sg	20:37.20		-0.09	
MORH	111.0	166	Sg	9:21:04.78		-0.05	
PKSM	111.4	166	Sg	9:21:04.63		-0.32	

985.

2022-06-15 time: 10:03:42.39 UTC ML= 1.2
 lat: 48.712N lon: 19.951E h= 0.0 km
 erh= 2.7km erz= 960km
 nr= 9 gap=104 rms=0.73
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	46.9	123	Pg	10:03:51.09		0.32	
			Sg	03:57.40		0.09	
LANS	60.3	324	Sg	10:04:01.29		-0.26	
NIE	83.0	19	Pg	10:03:58.02		0.81	
			Sg	04:07.44		-1.32	
VYHS	85.7	254	Pg	10:03:58.49		0.80	
			Sg	04:08.14		-1.48	
PSZ	88.3	183	Pg	10:03:57.71		-0.45	
			Sg	04:10.09		-0.37	

986.

2022-06-15 time: 12:14:35.19 UTC ML= 2.1
 lat: 48.421N lon: 17.274E h= 0.0 km
 erh= 1.4km erz= 1.8km
 nr= 16 gap= 93 rms=0.69
 Locality: Slovakia
 Comments: probably explosion

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
MODS	5.3	178	Pg	12:14:36.33	0.20		
			Sg	14:37.66	0.80		
SMOL	15.4	48	Pg	12:14:38.13	0.19		
			Sg	14:41.11	1.03		
ZST	28.1	207	Pg	12:14:40.95	0.75		
			Sg	14:43.93	-0.18		
KRUC	96.2	318	Pg	12:14:52.93	0.56		
			Sg	15:05.53	-0.24		
SOP	97.9	213	Sg	12:15:05.84	-0.45		
VYHS	115.8	86	Pg	12:14:56.21	0.34		
			Sg	15:11.08	-0.92		
PKST	141.2	156	Sn	12:15:16.80	-2.24		
MORC	152.1	7	Pn	12:15:00.75	-0.43		
			Sn	15:19.61	-1.84		
ARSA	184.7	225	Sn	12:15:28.06	-0.65		
KRLC	187.5	349	Sn	12:15:28.85	-0.46		

987.

2022-06-16 time: 8:00:17.20 UTC ML= 1.3
lat: 47.144N lon: 17.844E h= 0.0 km
erh= 2.3km erz= 3.1km
nr= 13 gap=105 rms=1.10

Locality: Márkó

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	19.3	48	Pg	8:00:21.13	0.49		
			Sg	00:24.30	0.97		
MPLH	23.3	277	Pg	8:00:22.67	1.31		
			Sg	00:25.40	0.79		
TIH	27.3	172	Sg	8:00:27.01	1.12		
PKSG	49.7	56	Sg	8:00:33.46	0.46		
MORH	119.9	149	Pg	8:00:38.70	0.08		
			Sg	00:53.57	-1.75		
PKSM	120.2	150	Sg	8:00:53.58	-1.83		
RONA	132.2	298	Sn	8:00:56.62	-2.43		
MODS	143.2	343	Sn	8:01:00.23	-1.28		
CONA	172.9	300	Sn	8:01:07.81	-0.29		
PSZ	176.8	61	Sn	8:01:08.60	-0.36		

988.

2022-06-16 time: 8:34:07.07 UTC ML= 1.5
lat: 48.425N lon: 17.291E h= 0.0 km
erh= 2.9km erz= 710km
nr= 12 gap=163 rms=0.59

Locality: Slovakia

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	5.8	190	PgU	8:34:08.70	0.60		
			Sg	34:09.43	0.53		
SMOL	14.2	46	Pg	8:34:10.19	0.58		
			Sg	34:12.21	0.62		
ZST	29.0	209	Pg	8:34:11.93	-0.32		
			Sg	34:15.74	-0.54		
RONA	109.5	223	Pg	8:34:27.25	0.63		
			Sg	34:41.53	-0.35		
VYHS	114.6	86	Pg	8:34:27.25	-0.28		
			Sg	34:42.55	-0.94		
CONA	119.8	243	Pg	8:34:28.04	-0.41		
			Sg	34:43.61	-1.52		

989.

2022-06-16 time: 8:36:22.96 UTC ML= 1.8
lat: 48.231N lon: 21.243E h= 0.0 km
erh= 3.2km erz= 3.8km
nr= 12 gap=106 rms=1.11

Locality: Tállya

Comments: probably explosion

Hypocenter Parameters

ABAH	7.2	358	PgU	8:36:25.70	1.45
			Sg	36:26.47	1.21
KECS	62.7	297	Pg	8:36:35.54	1.38
			Sg	36:42.24	-0.65
TRPA	97.1	97	Sg	8:36:53.47	-0.35
PSZ	106.3	251	Pg	8:36:41.96	0.02
			Sg	36:56.05	-0.70
KOLS	109.0	44	Pg	8:36:42.51	0.09
			Sg	36:55.42	-2.19
NIE	148.7	333	Sn	8:37:07.28	-1.20
LANS	165.9	308	Sn	8:37:10.37	-1.93
DRGR	194.5	145	Sn	8:37:18.20	-0.46

990.

2022-06-16 time: 9:48:28.23 UTC ML= 2.1
lat: 46.483N lon: 16.159E h= 6.6 km
erh= 1.5km erz= 1.3km
nr= 51 gap= 71 rms=0.79
Locality: Slovenia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOOG	8.0	119	Pg	9:48:29.84	-0.25		
			Sg	48:31.29	-0.25		
BEHE	47.4	92	Pg	9:48:36.88	0.11		
			Sg	48:42.84	-0.60		
GROS	50.5	267	iPg	9:48:37.99	0.66		
			iSg	48:44.17	-0.25		
DOBS	64.8	235	ePg	9:48:40.46	0.60		
			eSg	48:48.59	-0.34		
PTJ	66.6	193	Pg	9:48:40.37	0.18		
			Sg	48:48.38	-1.14		
GOLS	66.7	218	iPgC	9:48:40.75	0.54		
			eSg	48:48.63	-0.92		
ZAG	73.8	190	Sg	9:48:51.31	-0.48		
CESS	78.0	223	iPg	9:48:42.80	0.58		
			eSg	48:52.86	-0.27		
GCIS	79.8	211	ePg	9:48:42.56	0.03		
			eSg	48:53.07	-0.62		
PERS	81.7	282	ePg	9:48:53.46	-0.82		
ZAVS	87.3	266	iPg	9:48:44.95	1.09		
			eSg	48:55.63	-0.43		
LEGS	88.0	228	iPg	9:48:44.33	0.35		
			eSg	48:55.45	-0.82		
SOKA	89.0	284	Pg	9:48:44.15	-0.02		
			Sg	48:54.84	-1.76		
CRES	91.0	217	Pg	9:48:44.59	0.07		
			Sg	48:55.02	-2.20		
ARSA	98.1	330	Pg	9:48:45.09	-0.70		
PDKS	101.0	242	iPg	9:48:46.33	0.02		
			eSg	48:59.22	-1.19		
VNDS	120.0	249	iPn	9:48:49.77	0.38		
			iSn	49:04.22	-1.67		
OBKA	123.6	271	Pn	9:48:50.43	0.60		
			Sn	49:04.80	-1.88		
VISS	126.9	233	iPn	9:48:50.33	0.09		
			iSn	49:06.74	-0.67		
BOJS	129.5	213	iPn	9:48:50.49	-0.08		
			eSn	49:07.67	-0.32		
MOZS	133.6	261	iPn	9:48:51.63	0.55		
			eSn	49:08.31	-0.59		
RONA	135.7	4	Pn	9:48:51.73	0.40		
			Sn	49:07.42	-1.93		
EGYH	137.0	41	Pn	9:48:50.00	-1.50		
GBAS	145.8	245	ePn	9:48:53.13	0.53		
			eSn	49:13.64	2.03		
GBRS	148.7	225	ePn	9:48:53.36	0.40		
			eSn	49:14.02	1.77		
CRNS	152.9	253	ePn	9:48:54.83	1.34		
			eSn	49:14.51	1.32		
CONA	162.2	352	Pn	9:48:56.26	1.61		
MOA	209.0	317	Pn	9:49:02.16	1.68		
			Sn	49:25.75	0.12		

sta dist azm phase hr mn sec res

214

Hypocenter Parameters

991.

2022-06-16 time: 12:03:48.78 UTC ML= 1.3
 lat: 46.881N lon: 22.785E h= 0.0 km
 erh= 5.4km erz= 2.3km
 nr= 6 gap=280 rms=0.35
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	11.4	210	Pg	12:03:50.94			0.13
			Sg	03:52.70			0.30
GZR	165.3	180	Pn	12:04:16.37			-0.05
			Sn	04:36.88			-1.11
BZS	166.9	213	Sn	12:04:37.97			-0.37
VOIR	237.4	133	Sn	12:04:54.41			0.43

992.

2022-06-17 time: 6:17:27.78 UTC ML= 1.6
 lat: 48.288N lon: 21.504E h= 0.0 km
 erh= 3.5km erz= 4.2km
 nr= 9 gap=100 rms=0.81
 Locality: Bodrogolaszi
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	19.6	273	Pg	6:17:31.87			0.58
			Sg	17:35.16			1.13
KECS	78.5	286	Sg	6:17:51.99			-0.74
TRPA	78.9	103	Sg	6:17:52.69			-0.17
KOLS	91.4	38	Pg	6:17:44.86			0.75
			Sg	17:55.90			-0.95
PSZ	126.7	251	Sg	6:18:06.23			-1.83
LANS	177.9	303	Sn	6:18:19.53			-0.25
DRGR	189.6	151	Sn	6:18:22.11			-0.27

993.

2022-06-17 time: 6:23:36.41 UTC ML= 1.2
 lat: 47.415N lon: 18.639E h= 0.0 km
 erh= 3.6km erz= 4.5km
 nr= 10 gap=147 rms=0.38
 Locality: Tabajd
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	18.9	262	Pg	6:23:39.69			-0.10
			Sg	23:42.29			-0.14
PBUD	28.7	79	Sg	6:23:45.41			-0.12
CSKK	29.2	259	Sg	6:23:45.59			-0.09
BUD	30.0	75	Sg	6:23:45.51			-0.43
PKST	48.9	249	Sg	6:23:51.99			0.04
PENC	63.8	49	Sg	6:23:56.99			0.29
PSZ	109.6	59	Pg	6:23:56.47			0.48
			Sg	24:08.65			-2.61
MORH	133.3	180	Sn	6:24:18.58			0.06

994.

2022-06-17 time: 6:48:32.92 UTC ML= 1.8
 lat: 48.474N lon: 17.375E h= 0.0 km
 erh= 2.2km erz= 628km
 nr= 10 gap=171 rms=0.49
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	5.9	42	PgU	6:48:33.80			-0.18
			Sg	48:34.33			-0.47
MODS	13.3	213	Pg	6:48:35.66			0.36
			Sg	48:37.46			0.30
ZST	37.0	213	Pg	6:48:39.81			0.29
			Sg	48:44.00			-0.67

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
KRUC	97.2	312	Pg	6:48:50.98			0.69
			Sg	49:03.28			-0.55
CONA	127.8	242	Pg	6:48:55.52			-0.23
			Sg	49:11.97			-1.59

995.

sta	dist	azm	phase	hr	mn	sec	res

2022-06-17 time: 8:05:47.66 UTC ML= 1.8
 lat: 48.480N lon: 17.363E h= 0.0 km
 erh= 1.2km erz= 375km
 nr= 12 gap=156 rms=0.31
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	6.2	52	PgU	8:05:48.59			-0.17
			Sg	05:49.21			-0.41
MODS	13.4	208	PgU	8:05:50.31			0.26
			Sg	05:52.54			0.62
ZST	37.0	211	Pg	8:05:54.26			0.00
			Sg	05:59.31			-0.10
KRUC	96.2	312	Pg	8:06:05.28			0.45
			Sg	06:18.09			-0.13
RONA	117.6	222	Pg	8:06:08.65			-0.01
			Sg	06:24.57			-0.48
CONA	127.3	241	Pg	8:06:10.25			-0.14
			Sg	06:27.01			-1.12

996.

sta	dist	azm	phase	hr	mn	sec	res

2022-06-17 time: 10:00:13.45 UTC ML= 1.4
 lat: 47.732N lon: 18.683E h= 0.0 km
 erh= 3.6km erz= ***km
 nr= 13 gap=133 rms=0.93
 Locality: Tokod
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
BUD	37.7	137	Sg	10:00:25.12			-0.30
PKSG	43.7	210	Pg	10:00:20.89			-0.37
			Sg	00:26.99			-0.36
PENC	45.4	82	Pg	10:00:22.57			1.02
			Sg	00:27.46			-0.41
CSKK	51.9	218	Sg	10:00:29.97			0.03
PKST	71.8	223	Pg	10:00:27.23			0.96
			Sg	00:35.84			-0.43
PSZ	93.1	77	Sg	10:00:41.47			-1.56
MPLH	106.5	234	Pg	10:00:33.73			1.27
			Sg	00:46.25			-1.04
EGYH	107.5	251	Sg	10:00:47.26			-0.36
MODS	126.8	304	Sg	10:00:51.26			-2.49

997.

sta	dist	azm	phase	hr	mn	sec	res

2022-06-17 time: 11:01:08.06 UTC ML= 1.7
 lat: 48.541N lon: 19.364E h= 0.0 km
 erh= 2.4km erz= 4.7km
 nr= 12 gap=104 rms=0.81
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	39.4	262	Pg	11:01:15.51			0.42
			Sg	01:19.70			-0.87
LANS	68.2	6	Pg	11:01:20.95			0.71
			Sg	01:28.90			-0.84
PSZ	79.7	150	Pg	11:01:22.79			0.50
			Sg	01:32.93			-0.46
KECS	83.1	94	Pg	11:01:22.73			-0.17
			Sg	01:33.79			-0.69
PENC	83.7	184	Sg	11:01:33.44			-1.22
NIE	119.8	35	Sg	11:01:44.96			-1.18
ABAH	141.5	101	Pn	11:01:34.47			1.74
			Sn	01:51.83			-0.15

Földrengés paraméterek

998.

2022-06-17 time: 16:13:56.62 UTC ML= 1.3
 lat: 48.778N lon: 22.168E h= 0.0 km
 erh= 4.5km erz= ***km
 nr= 6 gap=135 rms=0.86
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOLS	18.9	24	PgU	16:14:00	26		0.28
			Sg	14:02	88		0.27
TRPA	77.1	159	Sg	16:14:20	57		-0.57
ABAH	87.1	232	Sg	16:14:26	00		1.71
STHS	97.9	316	Sg	16:14:27	18		-0.56
KECS	128.3	255	Sg	16:14:35	96		-1.43

999.

2022-06-19 time: 4:52:25.26 UTC ML= 0.6
 lat: 47.804N lon: 16.244E h= 12.9 km
 erh= 3.4km erz= 1.9km
 nr= 9 gap=157 rms=0.45
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.3	161	Pg	4:52:28	62		0.17
			Sg	52:30	28		-0.65
CONA	31.7	296	Pg	4:52:31	46		0.08
			Sg	52:36	54		0.38
WINA	36.0	339	Pg	4:52:32	21		0.11
			Sg	52:36	77		-0.66
ABNA	113.6	328	Pn	4:52:45	29		0.48
			Sn	52:58	72		-1.33
KRUC	140.3	5	Sn	4:53:06	20		0.22

1000.

2022-06-20 time: 6:54:07.62 UTC ML= 1.4
 lat: 46.047N lon: 22.850E h= 0.0 km
 erh= 2.2km erz= 2.0km
 nr= 8 gap=187 rms=0.35
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	18.7	167	Pg	6:54:10	92		-0.04
			Sg	54:13	97		0.41
GZR	72.9	184	Pg	6:54:20	62		-0.02
			Sg	54:30	40		-0.40
SIRR	95.2	285	Pg	6:54:25	16		0.55
			Sg	54:37	45		-0.42
BANR	152.6	241	Sn	6:54:53	57		-0.44
VOIR	184.1	112	Sn	6:55:00	69		-0.32

1001.

2022-06-20 time: 8:11:34.95 UTC ML= 1.2
 lat: 48.900N lon: 21.039E h= 0.0 km
 erh= 1.6km erz= 3.2km
 nr= 6 gap=130 rms=0.42
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	61.7	221	Sg	8:11:54	32		-0.24
ABAH	68.7	168	Sg	8:11:57	35		0.56
NIE	78.4	317	Sg	8:12:00	38		0.52
KOLS	90.5	88	Pg	8:11:51	06		-0.05
			Sg	12:03	57		-0.15
PSZ	138.2	218	Sn	8:12:17	25		-0.88

Hypocenter Parameters

1002.

2022-06-20 time: 8:16:42.94 UTC ML= 1.4
 lat: 48.870N lon: 21.021E h= 0.0 km
 erh= 5.6km erz= 5.3km
 nr= 6 gap=206 rms=0.63
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	58.4	223	Sg	8:17:02	18		0.69
ABAH	65.8	166	Sg	8:17:03	58		-0.29
NIE	80.0	320	Pg	8:16:57	75		0.54
			Sg	17:07	47		-0.88
PSZ	134.8	218	Pn	8:17:06	92		0.14
			Sn	17:24	18		-1.19

1003.

2022-06-20 time: 8:39:49.36 UTC ML= 1.6
 lat: 48.934N lon: 19.768E h= 0.0 km
 erh= 2.2km erz= 6.0km
 nr= 12 gap= 87 rms=0.83
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
LANS	32.5	318	Pg	8:39:55	73		0.56
			Sg	39:59	30		-0.40
NIE	67.0	36	Pg	8:40:00	86		-0.45
			Sg	40:09	94		-0.70
KECS	72.9	134	Pg	8:40:03	57		1.20
			Sg	40:12	40		-0.11
VYHS	84.3	234	Pg	8:40:05	21		0.80
			Sg	40:16	09		-0.05
PSZ	113.4	175	Sg	8:40:24	52		-0.87
ABAH	129.7	123	Pg	8:40:12	74		0.23
			Sg	40:28	72		-1.85
PENC	132.2	196	Sn	8:40:29	26		-1.96

1004.

2022-06-20 time: 9:43:28.63 UTC ML= 1.2
 lat: 48.566N lon: 20.730E h= 0.0 km
 erh= 3.7km erz= 7.9km
 nr= 9 gap= 92 rms=1.22
 Locality: Komjáti
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	20.3	243	Pg	9:43:33	07		0.82
			Sg	43:35	66		0.59
ABAH	48.2	129	Pg	9:43:37	69		0.46
			Sg	43:43	83		-0.11
PSZ	95.1	221	Sg	9:43:58	00		-0.84
NIE	99.7	342	Pg	9:43:47	98		1.55
			Sg	43:58	63		-1.68
KOLS	120.6	70	Sg	9:44:05	20		-1.76
VYHS	140.1	267	Sn	9:44:09	97		-2.28

1005.

2022-06-20 time: 9:45:43.57 UTC ML= 1.7
 lat: 48.625N lon: 17.530E h= 0.0 km
 erh= 1.1km erz= 1.4km
 nr= 12 gap=113 rms=0.38
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	14.4	211	Pg	9:45:46	51		0.36
			Sg	45:48	39		0.24
MODS	33.6	214	Pg	9:45:49	80		0.23
			Sg	45:54	33		0.08

Hypocenter Parameters

ZST	57.2	214	Sg	9:46:01.26	-0.49
KRUC	96.4	300	Sg	9:46:14.53	0.31
VYHS	97.5	99	Sg	9:46:14.68	0.10
MORC	128.1	0	Pg	9:46:06.39	-0.06
			Sg	46:22.35	-1.95
RONA	137.8	222	Sn	9:46:26.26	-0.43
CONA	146.0	238	Pn	9:46:08.77	-0.05
			Sn	46:27.52	-0.99

1006.

2022-06-20 time: 19:08:43.70 UTC ML= 1.1
lat: 48.021N lon: 16.463E h= 10.0 km
erh= 2.8km erz= 3.7km
nr= 8 gap=202 rms=0.75
Locality: Austria
Comments:

sta	dist	azm	phase	hr mn	sec	res
RONA	37.8	199	Pg	19:08:50.99	0.31	
			Sg	08:54.82	-1.30	
CONA	46.0	257	Pg	19:08:52.83	0.72	
			Sg	08:58.78	0.10	
ABNA	105.1	313	P*	19:09:02.56	0.06	
			S*	09:14.89	-2.28	
KRUC	115.9	358	Pn	19:09:04.29	0.38	
			Sn	09:19.00	-0.67	

1007.

2022-06-21 time: 6:59:58.61 UTC ML= 1.6
lat: 47.021N lon: 17.955E h= 0.0 km
erh= 1.4km erz= 2.9km
nr= 15 gap= 98 rms=0.51
Locality: Felsőörs
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
TIH	14.3	199	Pg	7:00:01.12	-0.04	
			Sg	00:02.99	-0.15	
PKST	27.1	13	Pg	7:00:03.04	-0.41	
			Sg	00:07.19	-0.04	
MPLH	35.7	298	Pg	7:00:05.24	0.26	
			Sg	00:10.53	0.58	
CSKK	44.5	31	Sg	7:00:12.70	-0.06	
PKSG	52.8	39	Pg	7:00:07.96	-0.08	
			Sg	00:14.96	-0.43	
PKB1	69.0	112	Pg	7:00:12.24	1.32	
MORH	103.9	149	Sg	7:00:30.83	-0.80	
PKSM	104.2	150	Sg	7:00:31.22	-0.50	
MODS	158.8	341	Pn	7:00:25.46	0.02	
			Sn	00:44.35	-2.02	
PSZ	177.0	56	Sn	7:00:50.65	0.24	

1008.

2022-06-21 time: 7:50:40.73 UTC ML= 1.4
lat: 47.325N lon: 18.500E h= 0.0 km
erh= 2.0km erz= 5.4km
nr= 10 gap=117 rms=0.66
Locality: Lovasberény
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKSG	11.1	312	PgU	7:50:43.14	0.43	
			Sg	50:43.39	-0.87	
CSKK	18.6	283	Pg	7:50:44.53	0.48	
			Sg	50:46.22	-0.41	
PKST	36.0	258	Pg	7:50:47.74	0.59	
			Sg	50:51.27	-0.89	
MORH	123.7	175	Sg	7:51:19.44	-0.62	
PSZ	123.9	58	Sg	7:51:20.54	0.43	
PKSM	124.2	175	Sg	7:51:20.30	0.11	
VYHS	132.4	11	Sn	7:51:20.77	-1.87	

Földrengés paraméterek

1009.

2022-06-21 time: 8:48:38.02 UTC ML= 1.4
lat: 47.885N lon: 16.055E h= 0.0 km
erh= 3.2km erz= 5.9km
nr= 7 gap=128 rms=0.53
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
CONA	15.2	289	Pg	8:48:41.03	0.29	
			Sg	48:42.82	-0.05	
RONA	27.4	139	Pg	8:48:43.05	0.14	
			Sg	48:46.63	-0.10	
ARSA	81.1	210	Sg	8:49:03.10	-0.69	
KRUC	133.3	11	Pn	8:49:02.02	0.35	
			Sn	49:17.72	-2.40	

1010.

2022-06-21 time: 10:44:17.11 UTC ML= 1.9
lat: 48.333N lon: 18.972E h= 0.0 km
erh= 2.3km erz= 4.3km
nr= 19 gap= 60 rms=0.98
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
VYHS	20.6	331	Pg	10:44:21.85	1.06	
			Sg	44:24.72	1.06	
PENC	64.5	159	Sg	10:44:38.05	0.43	
SRO	75.8	220	Sg	10:44:40.56	-0.64	
PSZ	82.7	124	Pg	10:44:32.90	1.03	
			Sg	44:42.26	-1.13	
BUD	94.5	178	Sg	10:44:47.61	0.48	
LANS	98.0	22	Pg	10:44:34.21	-0.40	
PKSG	113.3	203	Pg	10:44:38.05	0.71	
			Sg	44:52.77	-0.35	
KECS	113.3	81	Pg	10:44:37.55	0.21	
			Sg	44:50.87	-2.25	
CSKK	120.2	206	Pg	10:44:39.91	1.33	
			Sg	44:54.62	-0.70	
MODS	125.7	272	Pg	10:44:37.93	-1.63	
			Sg	44:55.43	-1.64	
PKST	138.5	210	Pn	10:44:41.22	-0.19	
			Sn	44:58.96	-1.41	
MPLH	168.1	220	Sn	10:45:07.12	0.19	

1011.

2022-06-21 time: 12:45:08.23 UTC ML= 2.0
lat: 47.093N lon: 19.417E h= 0.0 km
erh= 7.0km erz= 962km
nr= 7 gap=202 rms=0.65
Locality: Tatárszentgyörgy
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKS7	20.1	255	Pg	12:45:12.56	0.74	
			Sg	45:14.27	-0.36	
PKB5	76.0	223	Pg	12:45:22.12	0.33	
			Sg	45:31.37	-1.00	
PENC	78.2	352	Pg	12:45:22.70	0.51	
PSZ	98.5	21	Pg	12:45:25.46	-0.36	
			Sg	45:38.21	-1.34	

1012.

2022-06-21 time: 13:10:28.89 UTC ML= 1.4
lat: 47.578N lon: 18.428E h= 0.0 km
erh= 3.4km erz= 7.2km
nr= 11 gap=103 rms=0.99
Locality: Tatabánya
Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
PKSG	20.8	188	Pg	13:10:33.26		0.65	
			Sg	10:35.79		0.27	
CSKK	27.0	208	Pg	13:10:34.35		0.64	
			Sg	10:37.18		-0.28	
SRO	27.6	342	Sg	13:10:38.86		1.20	
MPLH	80.9	236	Sg	13:10:53.47		-1.15	
VYHS	106.4	17	Pg	13:10:48.88		1.00	
			Sg	11:01.78		-0.92	
PSZ	116.3	71	Sg	13:11:04.27		-1.60	
MODS	123.3	316	Sg	13:11:06.37		-1.73	
PKSM	152.7	174	Sn	13:11:13.98		-1.32	

1013.

2022-06-22 time: 6:56:47.05 UTC ML= 1.3
lat: 46.049N lon: 18.108E h= 0.0 km
erh= 2.0km erz= 260km
nr= 8 gap=285 rms=0.19
Locality: Zók
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	4.4	352	PgU	6:56:47.86		0.03	
			Sg	56:48.60		0.16	
PKSM	45.0	66	Pg	6:56:55.13		0.04	
			Sg	57:01.27		-0.08	
MORH	45.4	66	Pg	6:56:55.17		0.02	
			Sg	57:01.50		0.03	
PKB5	77.5	39	Pg	6:57:00.84		-0.06	
PKB1	97.2	33	Sg	6:57:15.88		-2.05	

1014.

2022-06-22 time: 8:12:25.64 UTC ML= 1.9
lat: 48.752N lon: 18.719E h= 0.0 km
erh= 3.9km erz= 4.1km
nr= 16 gap= 94 rms=1.21
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	30.0	163	Pg	8:12:32.30		1.31	
			Sg	12:36.73		1.57	
SRO	108.6	196	Pg	8:12:44.82		-0.21	
			Sg	13:00.59		0.43	
MODS	114.4	248	Pg	8:12:46.74		0.67	
			Sg	13:00.61		-1.40	
PENC	114.8	159	Pg	8:12:46.33		0.20	
			Sg	13:00.04		-2.08	
PSZ	127.2	137	Pg	8:12:48.09		-0.27	
			Sg	13:04.03		-2.05	
KECS	133.6	103	Sn	8:13:05.76		-2.06	
NIE	138.1	58	Pn	8:12:51.85		1.97	
MORC	142.6	323	Pn	8:12:51.07		0.63	
			Sn	13:08.28		-1.52	
PKSG	153.2	189	Sn	8:13:10.57		-1.59	
PKST	173.7	197	Sn	8:13:16.52		-0.19	

1015.

2022-06-22 time: 8:32:38.09 UTC ML= 1.8
lat: 45.946N lon: 22.624E h= 0.0 km
erh= 1.9km erz= 4.2km
nr= 11 gap=103 rms=0.55
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	22.8	108	PgU	8:32:41.85		-0.30	
			Sg	32:44.65		-0.68	
GZR	62.6	169	Pg	8:32:49.71		0.45	
			Sg	32:57.95		-0.03	
SIRR	82.7	296	Pg	8:32:52.74		-0.11	

			Sg	33:04.24	-0.13
BZS	86.5	245	Sg	8:33:04.87	-0.70
DRGR	94.2	4	Pg	8:32:55.77	0.85
			Sg	33:07.31	-0.73
VOIR	197.2	107	Pn	8:33:10.57	0.85
			Sn	33:33.86	-0.52

1016.

2022-06-22 time: 9:04:24.34 UTC ML= 0.8
lat: 47.218N lon: 18.272E h= 0.0 km
erh= 2.1km erz= 540km
nr= 7 gap=141 rms=0.37
Locality: Iszkaszentgyörgy
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	16.1	357	Pg	9:04:27.60		0.38	
			Sg	04:29.04		-0.43	
PKST	18.5	284	Pg	9:04:27.75		0.10	
			Sg	04:30.05		-0.18	
PKSG	21.3	25	Pg	9:04:28.45		0.31	
			Sg	04:30.71		-0.40	
MORH	115.0	166	Sg	9:05:00.05		-0.85	

1017.

2022-06-22 time: 12:44:20.87 UTC ML= 1.7
lat: 47.069N lon: 19.476E h= 0.0 km
erh= 5.8km erz= ***km
nr= 7 gap=195 rms=0.71
Locality: Felsőlajos
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	24.1	264	Pg	12:44:26.20		1.02	
			Sg	44:27.69		-0.84	
PENC	81.6	350	Pg	12:44:35.98		0.53	
PSZ	99.6	18	Pg	12:44:38.33		-0.33	
			Sg	44:50.52		-2.01	
MORH	114.2	214	Pg	12:44:41.13		-0.14	
PKSM	114.7	214	Pg	12:44:41.32		-0.04	

1018.

2022-06-23 time: 6:24:24.80 UTC ML= 1.7
lat: 46.021N lon: 22.781E h= 0.0 km
erh= 2.4km erz= 909km
nr= 11 gap=109 rms=0.73
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	18.0	148	PgU	6:24:28.06		0.05	
			Sg	24:30.41		-0.11	
GZR	69.8	180	Pg	6:24:37.46		0.20	
			Sg	24:46.38		-0.60	
DRGR	85.8	356	Pg	6:24:39.88		-0.24	
			Sg	24:50.14		-1.94	
SIRR	90.9	288	Sg	6:24:53.77		0.08	
CJR	99.4	39	Pg	6:24:43.79		1.25	
			Sg	24:55.14		-1.24	
BZS	101.1	244	Pg	6:24:43.48		0.64	
			Sg	24:56.24		-0.68	

1019.

2022-06-23 time: 7:12:07.75 UTC ML= 1.3
lat: 47.057N lon: 18.027E h= 0.0 km
erh= 1.7km erz= 709km
nr= 17 gap= 81 rms=0.63
Locality: Balatonfűzfő
Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
TIH	20.2	210	Sg	7:12:14.	05	-0.13	
PKST	22.4	1	Pg	7:12:11.	58	-0.17	
			Sg	12:14.	79	-0.09	
CSKK	38.3	27	Pg	7:12:14.	28	-0.31	
			Sg	12:19.	76	-0.17	
MPLH	39.1	289	Pg	7:12:14.	87	0.14	
			Sg	12:19.	87	-0.30	
PKSG	46.3	36	Pg	7:12:16.	55	0.54	
			Sg	12:22.	03	-0.43	
PKB1	65.7	117	Pg	7:12:20.	50	1.02	
PKB5	74.6	134	Pg	7:12:21.	95	0.89	
MORH	104.8	153	Pg	7:12:26.	35	-0.11	
			Sg	12:38.	15	-2.90	
PKSM	105.1	153	Pg	7:12:26.	51	0.00	
			Sg	12:38.	85	-2.30	
KOVH	107.8	177	Pg	7:12:26.	98	-0.02	
			Sg	12:40.	81	-1.21	

1020.

2022-06-23 time: 7:18:42.29 UTC ML= 1.9
lat: 48.813N lon: 18.983E h= 0.0 km
erh= 6.7km erz=12.6km
nr= 8 gap=147 rms=1.08
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
LANS	51.7	43	Pg	7:18:51.	23	-0.30	
			Sg	19:00.	16	1.43	
PENC	115.8	169	Sg	7:19:20.	30	1.19	
KECS	116.7	108	Sg	7:19:17.	66	-1.72	
NIE	118.2	55	Sg	7:19:19.	89	0.01	
PSZ	120.2	146	Sg	7:19:20.	15	-0.37	
MORC	149.9	316	Pn	7:19:08.	87	0.85	
			Sn	19:25.	90	-2.18	

1021.

2022-06-23 time: 7:29:36.73 UTC ML= 1.6
lat: 46.055N lon: 22.859E h= 0.0 km
erh= 4.6km erz= 8.7km
nr= 11 gap=120 rms=0.97
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	19.3	170	Pg	7:29:40.	57	0.39	
			Sg	29:43.	00	0.12	
GZR	73.8	185	Pg	7:29:49.	63	-0.27	
			Sg	29:58.	64	-1.54	
DRGR	82.7	352	Sg	7:30:01.	16	-1.86	
SIRR	95.6	284	Pg	7:29:54.	76	0.96	
			Sg	30:06.	73	-0.39	
BZS	108.1	243	Pg	7:29:57.	17	1.14	
			Sg	30:09.	45	-1.64	
VOIR	183.8	112	Pn	7:30:07.	45	0.78	
			Sn	30:29.	30	-0.73	

1022.

2022-06-23 time: 7:38:17.23 UTC ML= 2.0
lat: 48.251N lon: 21.199E h= 0.0 km
erh= 4.4km erz= 3.8km
nr= 10 gap=178 rms=0.87
Locality: Abaújszántó
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	5.9	31	PgU	7:38:18.	80	0.52	
			Sg	38:19.	43	0.34	
KECS	58.8	296	Pg	7:38:28.	86	1.13	
			Sg	38:36.	14	0.22	
HOLU	93.0	71	Sg	7:38:46.	34	-0.45	

Földrengés paraméterek

PSZ	104.0	249	Sg	7:38:48.	82	-1.45
KOLS	109.7	46	Pg	7:38:37.	35	0.53
			Sg	38:51.	28	-0.83
NIE	145.3	333	Sn	7:39:00.	24	-1.75
LANS	162.0	308	Sn	7:39:04.	89	-0.81

1023.

2022-06-23 time: 8:16:59.32 UTC ML= 1.6
lat: 48.584N lon: 20.784E h= 0.0 km
erh= 3.5km erz= 4.8km
nr= 10 gap=154 rms=0.89
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	24.8	243	Pg	8:17:04.	04	0.30	
			Sg	17:07.	25	0.06	
ABAH	46.5	134	Pg	8:17:07.	40	-0.22	
			Sg	17:14.	53	0.43	
NIE	99.0	340	Pg	8:17:19.	46	2.47	
PSZ	99.3	222	Pg	8:17:16.	80	-0.24	
			Sg	17:30.	88	0.01	
LANS	115.3	303	Pg	8:17:19.	22	-0.69	
VYHS	144.2	266	Pn	8:17:24.	15	-0.18	
			Sn	17:42.	00	-1.85	

1024.

2022-06-23 time: 8:27:39.17 UTC ML= 1.3
lat: 47.961N lon: 16.060E h= 0.0 km
erh= 2.8km erz= 816km
nr= 7 gap=115 rms=0.54
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	15.2	256	Pg	8:27:41.	93	0.04	
			Sg	27:44.	53	0.51	
RONA	34.0	149	Pg	8:27:44.	98	-0.27	
			Sg	27:49.	62	-0.37	
MODS	101.5	63	Pg	8:27:58.	05	0.75	
KRUC	124.9	11	Pg	8:28:01.	18	-0.29	
			Sg	28:16.	97	-1.90	

1025.

2022-06-23 time: 10:07:13.55 UTC ML= 1.5
lat: 47.916N lon: 20.153E h= 0.0 km
erh= 3.3km erz= 5.8km
nr= 9 gap=128 rms=0.79
Locality: Recsk
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	19.3	271	Pg	10:07:17.	72	0.73	
			Sg	07:20.	54	0.86	
PENC	66.6	258	Sg	10:07:34.	86	0.13	
ABAH	91.3	62	Pg	10:07:30.	27	0.42	
			Sg	07:41.	93	-0.64	
PKSN	115.3	191	Sg	10:07:49.	05	-1.14	
VYHS	117.1	303	Pg	10:07:34.	58	0.13	
			Sg	07:48.	64	-2.12	
PKSG	144.6	246	Sn	10:07:57.	19	-0.97	

1026.

2022-06-23 time: 10:42:52.56 UTC ML= 1.8
lat: 48.379N lon: 19.810E h= 0.0 km
erh= 2.4km erz= 912km
nr= 7 gap=107 rms=0.62
Locality: Slovakia
Comments: probably explosion

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
KECS	51.3	77	Sg	10:43:09	60		0.73
PSZ	51.7	173	Pg	10:43:02	08		0.30
			Sg	43:08	34		-0.63
VYHS	73.2	280	Sg	10:43:16	33		0.52
LANS	89.4	344	Sg	10:43:21	18		0.22
ABAH	106.4	95	Sg	10:43:25	87		-0.51
NIE	121.3	18	Sg	10:43:29	79		-1.34

1027.

2022-06-23 time: 12:44:05.85 UTC ML= 1.9
lat: 47.060N lon: 19.421E h= 0.0 km
erh= 2.2km erz= 5.2km
nr= 16 gap=174 rms=0.56
Locality: Tatárszentgyörgy
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	19.9	266	Pg	12:44:09	82		0.43
			Sg	44:11	59		-0.47
PKB1	56.9	237	Pg	12:44:16	02		0.01
PKS2	65.2	194	Pg	12:44:17	46		-0.02
PENC	81.9	353	Pg	12:44:21	27		0.80
PKSG	86.3	295	Pg	12:44:20	80		-0.47
PKB4	88.5	225	Pg	12:44:23	00		1.35
CSKK	94.2	291	Pg	12:44:22	56		-0.11
PSZ	101.8	20	PgU	12:44:24	21		0.18
			Sg	44:36	83		-1.39
PKS9	101.8	239	Pg	12:44:24	16		0.13
MORH	111.2	212	Pg	12:44:25	67		-0.03
			Sg	44:40	47		-0.71
PKSM	111.6	212	Pg	12:44:25	91		0.12
			Sg	44:40	82		-0.52
KOHV	148.1	223	Pn	12:44:30	32		-1.03

1028.

2022-06-24 time: 7:32:35.45 UTC ML= 1.5
lat: 47.844N lon: 19.870E h= 0.0 km
erh= 6.5km erz= ***km
nr= 8 gap=182 rms=1.08
Locality: Gyöngyösoroszi
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	8.5	13	Pg	7:32:38	16		1.20
			Sg	32:39	17		1.02
PENC	44.4	262	Pg	7:32:43	85		0.47
			Sg	32:50	26		0.69
KECS	84.6	33	Sg	7:33:01	16		-1.17
VYHS	105.5	313	Sg	7:33:07	74		-1.25
ABAH	113.8	64	Sg	7:33:10	63		-0.99
PKSG	122.0	246	Sg	7:33:12	43		-1.80

1029.

2022-06-24 time: 7:35:23.53 UTC ML= 1.9
lat: 47.694N lon: 18.548E h= 0.0 km
erh= 1.4km erz= 2.0km
nr= 29 gap= 63 rms=1.25
Locality: Bajót
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SRO	22.0	307	Pg	7:35:27	53		0.07
			Sg	35:32	42		1.90
PKSG	35.7	199	Pg	7:35:30	00		0.10
			Sg	35:35	79		0.92
A338	38.5	338	Sg	7:35:35	83		0.05
CSKK	42.7	210	Pg	7:35:32	23		1.07
			Sg	35:37	74		0.63
BUD	42.8	123	Sg	7:35:38	02		0.88
PBUD	43.2	126	Sg	7:35:37	71		0.43
PENC	56.1	79	Pg	7:35:34	89		1.35

Hypocenter Parameters

	sta	dist	azm	phase	hr	mn	sec	res
	PKST	62.0	219	Sg	35:40	80		-0.56
				Pg	7:35	:36	.45	1.85
				Sg	35:43	:50		0.27
	VYHS	91.5	14	Sg	7:35:51	:71		-0.89
	MPLH	95.8	233	Sg	7:35:53	:98		-0.01
	EGYH	96.6	251	Sg	7:35:54	:69		0.46
	PKB1	102.9	170	Sg	7:35:55	:49		-0.74
	PSZ	103.9	76	Pg	7:35:43	:69		1.60
				Sg	35:57	:00		0.44
	MODS	121.2	309	Sg	7:36:00	:17		-1.87
	PKB5	123.1	173	Sg	7:36:01	:57		-1.08
	PKS9	124.8	189	Sg	7:36:02	:84		-0.36
	PKB4	133.3	178	Sn	7:36:03	:77		-1.86
	BSZH	136.8	109	Sn	7:36:04	:31		-2.10
	SOP	149.4	270	Sn	7:36:06	:74		-2.46
	PKB3	149.6	161	Sn	7:36:07	:21		-2.04
	MORH	164.5	177	Sn	7:36:10	:57		-2.00
	PKSM	165.0	178	Sn	7:36:10	:57		-2.10
	KOHV	181.8	191	Sn	7:36:15	:58		-0.82

1030.

	sta	dist	azm	phase	hr	mn	sec	res
	RONA	20.6	137	Sg	8:17:21	:68		-0.84
	CONA	21.1	300	Pg	8:17:20	:04		0.31
				Sg	17:22	:47		-0.20
	ARSA	78.4	214	Sg	8:17:41	:01		0.13
	MODS	105.8	55	Sg	8:17:50	:80		1.21
	KRUC	138.2	9	Pn	8:17:40	:31		0.09
				Sn	17:56	:35		-2.79

1031.

	sta	dist	azm	phase	hr	mn	sec	res
	2022-06-24	time:	8:17:15	96	UTC	ML=	1.4	
			lat:	47.834N	lon:	16.107E	h=	0.0 km
			erh=	3.0km	erz=	5.9km		
			nr=	7	gap=	86		rms=0.80
			Locality:	Austria				
			Comments:	probably explosion				

	sta	dist	azm	phase	hr	mn	sec	res
	ABAH	22.2	338	Pg	8:32:50	:03		0.58
				Sg	32:52	:61		0.06
	KECS	76.4	303	Pg	8:32:58	:73		-0.40
				Sg	33:08	:76		-1.01
	TRPA	88.5	89	Pg	8:33:01	:45		0.16
				Sg	33:12	:72		-0.90
	PSZ	110.7	259	Pg	8:33:06	:35		1.09
				Sg	33:19	:72		-0.96
	KOLS	114.1	37	Pg	8:33:06	:50		0.64
				Sg	33:20	:65		-1.09
	NIE	164.3	332	Sn	8:33:34	:20		-0.27

1032.

	sta	dist	azm	phase	hr	mn	sec	res
	2022-06-24	time:	8:32:45	49	UTC	ML=	1.7	
			lat:	48.111N	lon:	21.351E	h=	0.0 km
			erh=	3.0km	erz=	4.9km		
			nr=	11	gap=	170		rms=0.71
			Locality:	Tarcal				
			Comments:	probably explosion				

	sta	dist	azm	phase	hr	mn	sec	res
	UZH	42.6	59	Sg	8:59:01	:89		0.59
	ABAH	44.2	249	Pg	8:58:56	:94		1.28
				Sg	59:02	:54		0.73
	TRPA	64.7	122	Pg	8:59:00	:25		0.92
				Sg	59:08	:00		-0.35

Hypocenter Parameters

KOLS	65.4	32	Pg	8:58:59.59	0.13
			Sg	59:08.52	-0.05
KECS	97.1	273	Pg	8:59:05.65	0.53
			Sg	59:16.14	-2.51
MEZ	127.3	86	Pg	8:59:07.67	-2.83

1033.

2022-06-24 time: 10:00:47.24 UTC ML= 1.6
 lat: 48.158N lon: 16.896E h= 0.0 km
 erh= 2.8km erz= 833km
 nr= 9 gap=147 rms=0.64
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
ZST	15.9	74	Pg	10:00:50.33	0.24	
			Sg	00:51.34	-0.97	
MODS	37.1	50	Pg	10:00:54.02	0.15	
			Sg	00:58.25	-0.79	
RONA	67.8	221	Pg	10:01:00.04	0.68	
			Sg	01:07.18	-1.63	
CONA	81.2	252	Sg	10:01:13.22	0.15	
KRUC	107.1	340	Pg	10:01:06.88	0.51	
			Sg	01:20.72	-0.57	

1034.

2022-06-24 time: 20:04:14.44 UTC ML= 0.7
 lat: 47.698N lon: 16.089E h= 11.4 km
 erh= 2.4km erz= 2.6km
 nr= 8 gap=128 rms=0.53
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr mn	sec	res
RONA	15.6	89	Pg	20:04:18.20	0.32	
			Sg	04:20.09	-0.48	
CONA	30.8	326	Pg	20:04:21.05	0.75	
			Sg	04:24.26	-0.61	
SOP	35.3	93	Sg	20:04:25.55	-0.67	
ARSA	65.5	221	Pg	20:04:26.63	0.31	
			Sg	04:34.96	-0.62	
MODS	116.2	50	Sn	20:04:49.77	-0.38	

1035.

2022-06-25 time: 6:08:35.85 UTC ML= 1.3
 lat: 47.769N lon: 18.217E h= 6.8 km
 erh= 1.7km erz= 3.9km
 nr= 12 gap=107 rms=0.41
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn	sec	res
SRO	8.8	56	Pg	6:08:37.55	-0.28	
			Sg	08:39.76	0.39	
PKSG	43.9	163	Pg	6:08:43.84	0.06	
			Sg	08:49.59	-0.38	
CSKK	45.2	176	Sg	6:08:50.53	0.15	
PKST	58.3	194	Sg	6:08:53.67	-0.84	
MPLH	83.9	217	Pg	6:08:51.21	0.34	
			Sg	09:02.83	0.23	
VYHS	92.9	30	ePg	6:08:52.90	0.42	
			eSg	09:04.60	-0.85	
MODS	97.1	314	Pg	6:08:53.46	0.24	
			Sg	09:05.90	-0.88	

Földrengés paraméterek

1036.

2022-06-25 time: 7:18:47.20 UTC ML= 1.3
 lat: 47.826N lon: 18.162E h= 9.5 km
 erh= 2.1km erz= 4.9km
 nr= 10 gap=100 rms=0.49
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn	sec	res
SRO	11.4	97	Pg	7:18:49.92	0.07	
			Sg	18:52.01	0.09	
PKSG	51.2	160	Sg	7:19:03.65	-0.10	
CSKK	51.9	172	Sg	7:19:04.08	0.10	
PKST	63.7	189	Sg	7:19:07.25	-0.42	
MPLH	86.6	213	Sg	7:19:14.83	-0.07	
VYHS	89.7	34	Pg	7:19:03.85	0.55	
			Sg	19:14.79	-1.07	
MODS	89.7	313	Pg	7:19:03.75	0.44	
			Sg	19:14.79	-1.09	

1037.

2022-06-25 time: 16:32:24.41 UTC ML= 0.5
 lat: 46.103N lon: 18.169E h= 2.6 km
 erh= 0.8km erz= 3.1km
 nr= 7 gap=178 rms=0.08
 Locality: Kővágószőlős
 Comments:

sta	dist	azm	phase	hr mn	sec	res
KOVH	5.6	253	Pg	16:32:25.49	-0.02	
			Sg	32:26.38	0.00	
PKSV	24.7	165	Sg	16:32:32.29	-0.01	
PKSM	38.4	72	Pg	16:32:31.43	0.15	
			Sg	32:36.60	-0.04	
MORH	38.8	71	Pg	16:32:31.24	-0.10	
			Sg	32:36.76	0.01	

1038.

2022-06-26 time: 4:45:23.23 UTC ML= 0.4
 lat: 46.091N lon: 18.173E h= 1.0 km
 erh= 0.5km erz= 5.2km
 nr= 7 gap=163 rms=0.06
 Locality: Cserkút
 Comments:

sta	dist	azm	phase	hr mn	sec	res
KOVH	5.6	266	Pg	4:45:24.21	-0.04	
			Sg	45:25.09	0.04	
PKSV	23.4	165	Sg	4:45:30.66	-0.01	
PKSM	38.6	70	Pg	4:45:30.22	0.09	
			Sg	45:35.44	-0.06	
MORH	39.0	69	Pg	4:45:30.19	0.00	
			Sg	45:35.54	-0.08	

1039.

2022-06-26 time: 20:34:07.24 UTC ML= 1.3
 lat: 45.883N lon: 16.063E h= 11.3 km
 erh= 2.7km erz= 2.0km
 nr= 12 gap=209 rms=0.50
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn	sec	res
ZAG	8.0	222	Pg	20:34:09.73	0.01	
			Sg	34:10.89	-0.76	
PTJ	8.4	283	PgD	20:34:10.10	0.34	
			Sg	34:11.34	-0.38	
GCIS	33.9	267	iPg	20:34:14.15	0.53	
GOLS	36.9	293	iSg	20:34:19.90	0.40	
CRES	47.5	262	Pg	20:34:16.28	0.32	

Földrengés paraméterek

KOGS	64.5	13	Sg	34:22.61	-0.16
			Pg	20:34:18.34	-0.59
			Sg	34:29.86	1.81
GROS	77.5	326	Sg	20:34:31.84	-0.31
PERS	111.1	319	Sn	20:34:41.13	-0.70
1040.					

2022-06-27 time: 6:06:10.67 UTC ML= 1.5
lat: 48.289N lon: 21.504E h= 0.0 km
erh= 3.9km erz= 6.7km
nr= 13 gap=148 rms=1.08

Locality: Bodrogolaszi
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	19.6	272	Pg	6:06:15.38	1.21		
			Sg	06:18.18	1.28		
KECS	78.4	286	Sg	6:06:34.66	-0.94		
TRPA	79.0	103	Pg	6:06:25.49	0.72		
			Sg	06:35.90	0.13		
KOLS	91.4	38	Pg	6:06:28.27	1.28		
			Sg	06:38.39	-1.32		
BRIU	112.6	87	Pg	6:06:30.29	-0.49		
			Sg	06:45.67	-0.79		
STZU	115.5	46	Pg	6:06:31.61	0.32		
			Sg	06:46.53	-0.84		
PSZ	126.7	251	Sg	6:06:48.80	-2.16		
MEZ	150.9	80	Sn	6:06:54.77	-1.92		
1041.							

2022-06-27 time: 7:55:06.47 UTC ML= 1.6
lat: 47.864N lon: 19.129E h= 0.0 km
erh= 0.5km erz= 79.7km
nr= 5 gap=217 rms=0.04

Locality: Szendehely
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	14.1	125	Pg	7:55:08.95	-0.03		
			Sg	55:11.01	0.07		
PSZ	57.6	84	Pg	7:55:16.73	-0.02		
			Sg	55:24.77	0.00		
VYHS	73.4	343	Sg	7:55:29.82	0.03		
1042.							

2022-06-27 time: 8:11:59.01 UTC ML= 1.1
lat: 48.579N lon: 20.705E h= 0.0 km
erh= 2.8km erz= 6.4km
nr= 7 gap=146 rms=0.80

Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	19.4	237	Pg	8:12:02.79	0.32		
			Sg	12:05.05	-0.12		
ABAH	50.5	128	Sg	8:12:14.14	-0.93		
PSZ	95.0	219	Pg	8:12:16.86	0.89		
			Sg	12:28.75	-0.44		
NIE	97.7	343	Sg	8:12:30.15	0.07		
VYHS	138.4	266	Sn	8:12:39.55	-2.69		
1043.							

2022-06-27 time: 8:18:52.09 UTC ML= 1.0
lat: 47.129N lon: 18.343E h= 0.0 km
erh= 3.0km erz= 926km
nr= 9 gap=160 rms=0.71

Locality: Úrhida
Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
CSKK	26.7	347	Pg	8:18:57.26	0.39		
			Sg	18:58.51	-2.08		
PKST	27.5	302	Pg	8:18:57.66	0.67		
			Sg	19:00.38	-0.44		
PKSG	29.4	7	Pg	8:18:58.04	0.69		
			Sg	19:00.93	-0.51		
MPLH	61.1	274	Sg	8:19:11.19	-0.31		
MORH	104.1	167	Sg	8:19:24.82	-0.37		
KOVH	117.2	189	Sg	8:19:28.47	-0.87		
1044.							

2022-06-27 time: 13:20:57.61 UTC ML= 2.2
lat: 46.088N lon: 17.015E h= 10.6 km
erh= 2.3km erz= 1.7km
nr= 30 gap=147 rms=0.87

Locality: Croatia

Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	46.3	337	PgU	13:21:06.39	0.30		
			Sg	21:11.85	-0.85		
KOGS	71.2	304	Pg	13:21:11.66	1.20		
			Sg	21:19.24	-1.25		
KOVH	83.9	90	Pg	13:21:12.78	0.07		
			Sg	21:22.66	-1.83		
ZAG	84.2	250	Sg	13:21:23.69	-0.89		
PTJ	84.5	256	Sg	13:21:22.86	-1.81		
PKSV	98.4	103	Pg	13:21:15.61	0.33		
			Sg	21:28.68	-0.39		
PKS9	112.0	60	Sn	13:21:32.39	-0.19		
TIH	112.7	37	Pn	13:21:17.31	-0.03		
			Sn	21:31.05	-1.68		
GROS	123.8	290	Pn	13:21:19.51	0.79		
			Sn	21:34.02	-1.17		
CRES	124.2	256	Pn	13:21:20.11	1.33		
			Sn	21:34.98	-0.32		
PKSM	126.4	84	Pn	13:21:18.70	-0.35		
			Sn	21:34.95	-0.83		
MORH	126.7	84	Pn	13:21:18.60	-0.48		
			Sn	21:34.94	-0.90		
MPLH	126.8	18	Pn	13:21:19.61	0.51		
			Sn	21:34.81	-1.06		
PKB4	130.6	70	Pn	13:21:20.44	0.87		
			Sn	21:36.81	0.10		
PKB5	144.0	67	Sn	13:21:40.63	0.95		
PKST	151.8	31	Pn	13:21:23.17	0.96		
			Sn	21:41.12	-0.28		
PKB1	157.0	60	Sn	13:21:44.42	1.85		
ARSA	172.4	319	Sn	13:21:46.37	0.38		
1045.							

2022-06-27 time: 16:28:11.91 UTC ML= 1.6
lat: 48.908N lon: 22.130E h= 0.0 km
erh= 3.0km erz= 5.4km
nr= 13 gap=138 rms=0.73

Locality: Slovakia

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOLS	10.9	75	Pg	16:28:13.36	-0.49		
			Sg	28:15.38	0.02		
STZU	38.1	72	Pg	16:28:18.99	0.28		
			Sg	28:24.43	0.42		
HOLU	46.3	156	Sg	16:28:27.51	0.88		
TRPA	91.6	161	Pg	16:28:28.44	0.17		
			Sg	28:38.84	-2.18		
ABAH	94.6	224	Pg	16:28:27.90	-0.90		
			Sg	28:42.66	0.69		
KECS	129.9	249	Pg	16:28:36.19	1.07		
			Sg	28:51.83	-1.39		
NIE	144.2	293	Pn	16:28:36.92	0.00		
			Sn	28:56.65	0.22		

Hypocenter Parameters

1046.

2022-06-28 time: 5:42:32.28 UTC ML= 1.3
 lat: 47.337N lon: 17.627E h= 0.0 km
 erh= 2.5km erz= 634km
 nr= 6 gap=155 rms=0.39
 Locality: Béb
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	19.7	200	Pg	5:42:	35.82	0.01	
			Sg	42:38.	70	0.14	
EGYH	24.0	292	Sg	5:42:	39.72	-0.20	
PKST	32.0	106	Pg	5:42:	38.47	0.47	
			Sg	42:42.24		-0.21	
CSKK	47.9	87	Sg	5:42:	46.60	-0.92	

1047.

2022-06-28 time: 6:36:29.44 UTC ML= 1.4
 lat: 47.324N lon: 18.491E h= 0.0 km
 erh= 2.4km erz= 5.8km
 nr= 10 gap=117 rms=0.76
 Locality: Lovasberény
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	10.6	315	PgU	6:36:	31.95	0.61	
			Sg	36:32.10		-0.72	
CSKK	17.9	284	PgU	6:36:	33.25	0.61	
			Sg	36:34.67		-0.47	
PKST	35.3	258	Pg	6:36:	36.34	0.60	
			Sg	36:39.21		-1.44	
MORH	123.8	175	Sg	6:37:	09.19	0.40	
PKSM	124.2	175	Sg	6:37:	08.65	-0.27	
PSZ	124.5	58	Sg	6:37:	08.73	-0.28	
VYHS	132.6	11	Sn	6:37:	09.58	-1.81	

1048.

2022-06-28 time: 6:46:54.60 UTC ML= 1.4
 lat: 47.350N lon: 17.636E h= 0.0 km
 erh= 1.5km erz= 1.9km
 nr= 16 gap= 66 rms=0.87
 Locality: Csót
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	21.3	200	Pg	6:46:	59.03	0.62	
			Sg	47:02.10		0.72	
EGYH	24.2	288	Sg	6:47:	02.91	0.62	
PKST	31.8	109	Pg	6:47:	01.05	0.78	
			Sg	47:04.89		0.19	
CSKK	47.2	88	Sg	6:47:	09.67	0.07	
PKSG	57.2	85	Sg	6:47:	12.63	-0.14	
SRO	72.4	45	Sg	6:47:	17.56	-0.07	
MODS	116.9	347	Sg	6:47:	30.85	-0.92	
KOVH	144.7	166	Pn	6:47:	20.20	0.52	
			Sn	47:37.38		-1.85	
MORH	147.7	149	Sn	6:47:	37.93	-1.98	
PKSM	148.0	149	Pn	6:47:	20.44	0.35	
			Sn	47:37.46		-2.51	
VYHS	155.6	35	Sn	6:47:	41.03	-0.63	
ARSA	160.2	266	Sn	6:47:	41.34	-1.34	

1049.

2022-06-28 time: 7:29:48.36 UTC ML= 1.4
 lat: 47.104N lon: 17.997E h= 0.0 km
 erh= 1.0km erz= 4.2km
 nr= 19 gap= 87 rms=0.42
 Locality: Litér
 Comments: probably explosion

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
PKST	17.5	9	Pg	7:29:	51.25	-0.24	
			Sg	29:53.97		0.03	
TIH	24.0	199	Pg	7:29:	52.77	0.13	
CSKK	35.1	35	Pg	7:29:	54.83	0.19	
			Sg	29:59.65		0.12	
MPLH	35.5	282	Pg	7:29:	55.10	0.40	
			Sg	29:59.20		-0.43	
PKSG	43.8	43	Pg	7:29:	55.95	-0.24	
			Sg	30:02.17		-0.12	
PKB1	70.2	120	Sg	7:30:	11.07	0.39	
PKB5	79.8	135	Sg	7:30:	14.63	0.89	
PKB4	81.9	146	Pg	7:30:	03.52	0.53	
MORH	110.4	153	Pg	7:30:	08.02	-0.06	
			Sg	30:23.00		-0.46	
PKSM	110.7	154	Pg	7:30:	08.10	-0.04	
			Sg	30:22.46		-1.10	
KOVH	113.1	176	Pg	7:30:	08.49	-0.08	
			Sg	30:22.44		-1.88	
PSZ	169.3	58	Sn	7:30:	36.91	-1.54	

1047.

sta	dist	azm	phase	hr	mn	sec	res
KECS	38.3	163	Pg	8:32:	51.28	0.44	
			Sg	32:55.82		-0.35	
NIE	67.5	359	Pg	8:32:	56.37	0.33	
			Sg	33:04.59		-0.85	
LANS	73.5	301	Sg	8:33:	07.56	0.19	
PSZ	104.5	198	Sg	8:33:	16.56	-0.66	

1048.

sta	dist	azm	phase	hr	mn	sec	res
KECS	85.8	113	Sg	8:40:	51.77	-0.21	
NIE	96.7	43	Pg	8:40:	41.96	-0.01	
			Sg	40:54.49		-0.95	
PSZ	102.4	160	Pg	8:40:	44.14	1.15	
			Sg	40:57.04		-0.22	
PENC	110.6	185	Sg	8:40:	59.47	-0.39	
A338	115.8	223	Sg	8:40:	59.93	-1.58	
ABAH	145.4	112	Sn	8:41:	08.86	-0.62	
OJC	162.4	10	Sn	8:41:	12.83	-0.42	

1049.

sta	dist	azm	phase	hr	mn	sec	res
KECS	22.8	264	Pg	8:42:	19.58	-0.90	
			Sg	42:23.54		-0.11	

Földrengés paraméterek

ABAH	40.3	125	Pg	8:42:23.39	-0.21
			Sg	42:30.15	0.93
PSZ	93.2	226	Pg	8:42:33.65	0.60
			Sg	42:46.94	0.91
NIE	107.7	341	Pg	8:42:35.67	0.03
			Sg	42:50.98	0.34
VYHS	144.6	270	Sn	8:42:59.14	-1.88

1053.

2022-06-28 time: 9:23:05.11 UTC ML= 1.5
lat: 48.471N lon: 17.424E h= 0.0 km
erh= 1.5km erz= 2.2km
nr= 14 gap=136 rms=0.58
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SMOL	4.7	5	PgU	9:23:06.23	0.27
			Sg	23:07.17	0.55
MODS	15.3	225	Pg	9:23:08.07	0.22
			Sg	23:10.03	0.05
KRUC	100.1	311	Pg	9:23:23.61	0.62
			Sg	23:36.50	-0.44
VYHS	104.5	89	Pg	9:23:24.37	0.60
			Sg	23:37.70	-0.62
RONA	120.1	224	Pg	9:23:26.66	0.11
			Sg	23:42.23	-1.04
CONA	130.9	243	Pn	9:23:28.28	-0.18
			Sn	23:44.50	-2.18
MORC	145.4	3	Pn	9:23:30.24	-0.04
			Sn	23:48.24	-1.67

1054.

2022-06-28 time: 9:37:16.29 UTC ML= 0.8
lat: 47.189N lon: 18.295E h= 0.0 km
erh= 4.7km erz= 602km
nr= 6 gap=274 rms=0.36
Locality: Sárkeszi
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	19.5	352	Pg	9:37:19.97	0.20
			Sg	37:22.38	-0.11
PKST	21.2	291	Pg	9:37:20.44	0.36
			Sg	37:22.19	-0.84
PKSG	23.7	18	Pg	9:37:20.20	-0.31
			Sg	37:24.06	0.25

1055.

2022-06-28 time: 9:42:38.82 UTC ML= 1.5
lat: 48.405N lon: 19.123E h= 0.0 km
erh= 2.8km erz= 4.3km
nr= 11 gap=125 rms=0.77
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	23.4	295	Pg	9:42:43.29	0.29
			Sg	42:46.32	0.06
PENC	69.3	170	Sg	9:42:59.74	-1.12
PSZ	78.9	133	Pg	9:42:54.17	1.26
			Sg	43:03.73	-0.17
LANS	86.7	17	Pg	9:42:54.55	0.25
			Sg	43:05.90	-0.48
KECS	101.2	85	Pg	9:42:56.89	0.00
			Sg	43:07.77	-3.22
NIE	142.6	38	Pn	9:43:03.78	0.15
			Sn	43:21.50	-1.48

Hypocenter Parameters

1056.

2022-06-28 time: 11:05:57.71 UTC ML= 1.9
lat: 47.107N lon: 19.344E h= 0.0 km
erh= 4.2km erz= 701km
nr= 12 gap=184 rms=0.67
Locality: Tatárszentgyörgy
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKS7	15.4	244	Pg	11:06:00.77	0.32
			Sg	06:02.65	0.05
PKB5	73.4	219	Pg	11:06:11.43	0.61
PENC	76.1	356	Pg	11:06:12.21	0.92
PKB4	88.3	220	Pg	11:06:13.98	0.50
PSZ	99.3	25	Pg	11:06:15.08	-0.35
			Sg	06:28.01	-1.25
PKS9	99.7	235	Pg	11:06:15.78	0.27
MORH	112.6	208	Pg	11:06:17.57	-0.25
			Sg	06:31.91	-1.60
PKSM	113.1	208	Pg	11:06:17.57	-0.34
			Sg	06:32.14	-1.52

1057.

2022-06-28 time: 11:25:44.31 UTC ML= 1.6
lat: 47.078N lon: 19.375E h= 0.0 km
erh= 3.8km erz= 733km
nr= 8 gap=187 rms=0.54
Locality: Tatárszentgyörgy
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKS7	16.6	258	Pg	11:25:47.69	0.41
			Sg	25:49.75	0.16
PKB1	55.1	234	Sg	11:26:00.82	-1.00
PENC	79.5	355	Pg	11:25:59.09	0.58
PSZ	101.3	23	Pg	11:26:01.58	-0.82
MORH	111.0	210	Pg	11:26:04.24	0.11
PKSM	111.5	210	Pg	11:26:04.49	0.27
			Sg	26:19.20	-0.55

1058.

2022-06-29 time: 6:16:37.76 UTC ML= 1.7
lat: 46.021N lon: 22.825E h= 0.0 km
erh= 3.4km erz= ***km
nr= 10 gap=164 rms=0.79
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
DEV	16.5	158	Pg	6:16:40.65	-0.05
			Sg	16:43.02	0.03
GZR	69.9	183	Pg	6:16:50.10	-0.13
			Sg	16:59.22	-0.75
DRGR	86.1	354	Pg	6:16:53.70	0.56
			Sg	17:03.68	-1.45
SIRR	94.1	287	Pg	6:16:55.44	0.87
			Sg	17:06.89	-0.79
BZS	104.1	244	Pg	6:16:57.18	0.83
			Sg	17:08.82	-2.03

1059.

2022-06-29 time: 7:30:58.15 UTC ML= 0.9
lat: 46.165N lon: 18.009E h= 0.0 km
erh= 1.1km erz= 1.7km
nr= 10 gap=194 rms=0.28
Locality: Hetvehely
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	11.0	140	PgU	7:31:00.07	-0.04

Hypocenter Parameters

PKSV	36.0	148	Sg	31:01.39	-0.25
			Pg	7:31:04.74	0.16
			Sg	31:08.93	-0.66
PKSM	49.1	84	Pg	7:31:07.15	0.23
			Sg	31:13.67	-0.08
MORH	49.3	83	Sg	7:31:14.30	0.46
MPLH	117.4	342	Sg	7:31:35.44	-0.04
PKST	121.7	1	Sg	7:31:36.91	0.08
PKSG	139.5	12	Sn	7:31:41.11	-0.53

1060.

2022-06-29 time: 7:58:06.59 UTC ML= 1.8
lat: 46.871N lon: 17.370E h= 0.0 km
erh= 4.1km erz= 8.7km
nr= 17 gap=209 rms=1.07
Locality: Lesencetomaj
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	35.7	21	Pg	7:58:12.90	-0.07
			Sg	58:17.89	-0.05
TIH	40.0	85	Sg	7:58:20.22	0.92
PKST	66.4	49	Pg	7:58:19.21	0.76
			Sg	58:27.83	0.13
PKS9	76.3	114	Sg	7:58:31.02	0.18
CSKK	87.0	51	Sg	7:58:32.03	-2.21
PKSG	96.7	53	Pg	7:58:24.95	1.09
			Sg	58:36.15	-1.18
KOVH	103.4	147	Pg	7:58:25.10	0.03
			Sg	58:38.02	-1.45
MORH	121.9	127	Pg	7:58:29.61	1.26
			Sg	58:44.46	-0.86
PKSM	121.9	127	Pg	7:58:29.38	1.01
			Sg	58:44.38	-0.97
PKSV	128.5	148	Sg	7:58:45.09	-2.36
MODS	167.3	358	Sn	7:58:53.70	-2.53

1061.

2022-06-29 time: 8:17:34.85 UTC ML= 1.1
lat: 48.009N lon: 20.352E h= 0.0 km
erh= 4.9km erz= 965km
nr= 6 gap=189 rms=0.57
Locality: Szarvaskő
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	35.6	254	Pg	8:17:41.42	0.20
			Sg	17:45.94	-0.24
KECS	53.7	11	Pg	8:17:44.90	0.46
			Sg	17:52.07	0.15
ABAH	73.4	64	Sg	8:17:57.72	-0.45
VYHS	124.9	296	Sg	8:18:12.49	-2.05

1062.

2022-06-29 time: 8:22:17.46 UTC ML= 1.3
lat: 48.632N lon: 20.760E h= 0.0 km
erh= 4.8km erz= 6.5km
nr= 8 gap=169 rms=0.78
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	26.2	231	Pg	8:22:22.48	0.35
			Sg	22:25.32	-0.46
ABAH	51.5	137	Pg	8:22:26.68	0.03
			Sg	22:33.21	-0.61
PSZ	102.1	219	Pg	8:22:37.09	1.40
			Sg	22:48.95	-0.97
KOLS	116.1	73	Sg	8:22:54.04	-0.33
VYHS	142.9	264	Sn	8:23:00.41	-1.28

Földrengés paraméterek

1063.

2022-06-29 time: 9:01:10.17 UTC ML= 0.9
lat: 47.207N lon: 18.282E h= 0.0 km
erh= 2.3km erz= 278km
nr= 6 gap=265 rms=0.17
Locality: Iszkaszentgyörgy
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	17.4	355	Pg	9:01:13.28	-0.01
			Sg	01:15.21	-0.50
PKST	19.6	287	Pg	9:01:13.75	0.07
			Sg	01:16.42	0.00
PKSG	22.1	22	Pg	9:01:14.06	-0.06
			Sg	01:17.51	0.31

1064.

2022-06-29 time: 11:05:21.99 UTC ML= 1.9
lat: 47.103N lon: 19.334E h= 0.0 km
erh= 2.8km erz= 6.8km
nr= 19 gap=183 rms=0.84
Locality: Tatárszentgyörgy
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKS7	14.5	245	Pg	11:05:25.29	0.71
			Sg	05:26.92	0.32
PKB1	54.3	229	Pg	11:05:32.09	0.40
PKB5	72.6	219	Pg	11:05:36.29	1.34
PENC	76.6	357	Pg	11:05:36.87	1.21
PKSG	78.3	294	Pg	11:05:36.21	0.24
			Sg	05:45.92	-0.96
PKS9	98.8	235	Pg	11:05:39.78	0.15
PKST	100.0	280	Pg	11:05:39.78	-0.07
			Sg	05:51.67	-2.11
PSZ	100.0	25	PgU	11:05:39.74	-0.11
			Sg	05:52.49	-1.29
SRO	110.3	316	Sg	11:05:55.40	-1.64
MORH	111.8	208	Pg	11:05:42.11	0.15
			Sg	05:55.70	-1.83
TIH	111.9	258	Pg	11:05:42.15	0.19
PKSM	112.3	208	Pg	11:05:42.19	0.15
			Sg	05:55.86	-1.83
VYHS	159.1	346	Pn	11:05:48.36	-0.50

1065.

2022-06-29 time: 21:04:04.62 UTC ML= 1.2
lat: 45.879N lon: 16.002E h= 0.6 km
erh= 1.9km erz= 13.6km
nr= 8 gap=169 rms=0.37
Locality: Croatia
Comments:

sta	dist	azm	phase	hr mn sec	res
PTJ	4.1	304	Pg	21:04:04.81	-0.55
			Sg	04:05.97	0.03
ZAG	5.6	186	Pg	21:04:05.42	-0.21
			Sg	04:07.15	0.74
CRES	42.8	262	Pg	21:04:12.29	0.04
			Sg	04:18.16	-0.05
KOGS	66.1	17	Sg	21:04:25.82	0.20
GROS	75.3	329	Sg	21:04:29.18	0.63

1066.

2022-06-30 time: 3:51:14.22 UTC ML= 1.4
lat: 46.927N lon: 22.680E h= 0.0 km
erh= 9.3km erz= 5.3km
nr= 6 gap=304 rms=0.92
Locality: Romania
Comments: probably explosion

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
DRGR	15.3	171	Pg	3:51:	16.97	0.03	
			Sg	51:20	06	0.99	
SIRR	107.2	227	Sg	3:51:	48.54	0.24	
BZS	167.2	209	Sn	3:52:	02.16	-1.68	
GZR	170.7	178	Pn	3:51:	43.12	0.59	
			Sn	52:02	47	-2.15	

1067.

2022-06-30 time: 7:22:53.60 UTC ML= 1.7
 lat: 47.344N lon: 18.513E h= 0.0 km
 erh= 2.3km erz= 6.4km
 nr= 17 gap= 78 rms=0.98
 Locality: Lovasberény
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	10.6	300	PgU	7:22:	56.06	0.56	
			Sg	22:56	.34	-0.64	
CSKK	19.2	276	PgU	7:22:	57.46	0.44	
			Sg	22:58	.90	-0.79	
PKST	37.4	255	Pg	7:23:	01.33	1.05	
			Sg	23:04	.47	-1.02	
MPLH	76.2	255	Pg	7:23:	08.42	1.22	
			Sg	23:16	.91	-0.90	
PKB5	85.0	168	Sg	7:23:	20.92	0.30	
PKS6	115.1	136	Sg	7:23:	30.51	0.32	
PSZ	121.9	58	Pg	7:23:	16.65	1.29	
			Sg	23:32	.06	-0.28	
MORH	125.9	175	Sg	7:23:	32.16	-1.44	
PKSM	126.3	176	Sg	7:23:	32.05	-1.69	
VYHS	130.1	11	Pg	7:23:	16.11	-0.72	
			Sg	23:32	.59	-2.36	
KOVH	143.2	193	Sn	7:23:	37.03	-0.86	

1068.

2022-06-30 time: 8:28:50.21 UTC ML= 1.5
 lat: 48.532N lon: 17.458E h= 0.0 km
 erh= 1.8km erz= 2.3km
 nr= 14 gap=123 rms=0.52
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	3.0	226	PgU	8:28:	50.81	0.07	
			Sg	28:51	.35	0.19	
MODS	22.1	217	Pg	8:28:	54.06	-0.10	
			Sg	28:57	.54	0.30	
KRUC	97.8	307	Pg	8:29:	08.53	0.86	
			Sg	29:21	.03	-0.26	
VYHS	101.9	92	Sg	8:29:	22.39	-0.21	
SOP	115.8	215	Pg	8:29:	10.78	-0.10	
RONA	126.7	223	Pg	8:29:	12.94	0.11	
			Sg	29:29	.74	-0.74	
CONA	136.3	240	Pn	8:29:	14.88	0.65	
			Sn	29:31	.67	-1.31	
MORC	138.5	3	Pn	8:29:	14.11	-0.40	
			Sn	29:30	.63	-2.85*	

1069.

2022-06-30 time: 9:11:33.85 UTC ML= 1.8
 lat: 48.957N lon: 21.322E h= 0.0 km
 erh= 3.9km erz= 6.2km
 nr= 14 gap= 76 rms=1.34
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
STHS	51.4	354	Sg	9:11:	50.59	0.39	
KOLS	69.8	92	Pg	9:11:	46.99	0.68	
			Sg	11:57	.36	1.34	

Hypocenter Parameters

ABAH	73.8	185	Pg	9:11:48.58	1.56
			Sg	11:57.94	0.65
KECS	81.0	229	Pg	9:11:49.46	1.15
			Sg	11:57.35	-2.25
NIE	89.7	305	Sg	9:12:01.99	-0.37
KWP	125.6	53	Pg	9:11:55.04	-1.25
			Sg	12:09.90	-3.89
TRPA	128.6	136	Pg	9:11:55.70	-1.11
PSZ	156.5	222	Sn	9:12:18.86	-2.24
OJC	178.5	322	Pn	9:12:04.17	1.03
			Sn	12:25.83	-0.15

1070.

2022-06-30 time: 9:24:51.24 UTC ML= 1.6
 lat: 48.696N lon: 18.688E h= 0.0 km
 erh= 3.1km erz= 3.7km
 nr= 16 gap= 83 rms=1.26
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	25.0	154	Pg	9:24:	57.17	1.47	
			Sg	24:59	.34	0.15	
LANS	76.3	49	Sg	9:25:	14.90	-0.57	
SMOL	95.1	258	Sg	9:25:	21.56	0.10	
PENC	110.0	156	Pg	9:25:	12.73	1.86	
			Sg	25:24	.50	-1.69	
MODS	110.2	251	Pg	9:25:	11.64	0.73	
			Sg	25:25	.11	-1.16	
PSZ	124.5	134	Sg	9:25:	29.14	-1.66	
KECS	134.7	100	Sn	9:25:	31.84	-1.81	
NIE	143.4	56	Pn	9:25:	17.68	1.53	
			Sn	25:34	.47	-1.11	
MORC	146.3	325	Pn	9:25:	16.60	0.09	
			Sn	25:34	.41	-1.81	
PKSG	146.8	189	Sn	9:25:	35.09	-1.24	
PKST	167.1	197	Sn	9:25:	40.35	-0.50	

1071.

2022-06-30 time: 9:32:50.81 UTC ML= 0.8
 lat: 47.203N lon: 18.293E h= 0.0 km
 erh= 2.5km erz= 730km
 nr= 8 gap=147 rms=0.52
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	18.0	352	Pg	9:32:	53.39	-0.63	
			Sg	32:55	.64	-0.89	
PKST	20.5	288	Pg	9:32:	54.71	0.23	
			Sg	32:57	.65	0.31	
PKSG	22.3	19	Pg	9:32:	55.17	0.38	
			Sg	32:58	.81	0.92	
MORH	113.0	166	Sg	9:33:	26.72	0.00	
PKSM	113.4	166	Sg	9:33:	26.48	-0.36	

1072.

2022-06-30 time: 10:00:23.02 UTC ML= 1.5
 lat: 48.140N lon: 16.895E h= 11.7 km
 erh= 3.1km erz= 2.1km
 nr= 12 gap= 96 rms=0.70
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
MODS	38.5	48	Pg	10:00:	30.47	0.27	
			Sg	00:35	.19	-0.62	
SMOL	57.4	44	Sg	10:00:	41.01	-0.63	
RONA	66.3	222	Pg	10:00:	35.42	0.38	
			Sg	00:43	.08	-1.34	
CONA	80.6	253	Pg	10:00:	38.13	0.58	
			Sg	00:47	.73	-1.16	

Hypocenter Parameters

KRUC	108.9	340	Sn	10:00:56.94	-0.11
PKSG	139.6	127	Sn	10:01:02.99	-0.87
ARSA	142.8	226	Pn	10:00:47.49	1.14
			Sn	01:04.52	-0.04
VYHS	149.3	75	Sn	10:01:06.24	0.24

1073.

2022-06-30	time:	10:00:51.22	UTC	ML= 1.9
lat:	47.131N	lon:	19.271E	h= 0.0 km
				erh= 2.6km erz= 5.8km
nr=	16	gap=	92	rms=0.62
Locality: Kunpeszér				
Comments: probably explosion				

sta	dist	azm	phase	hr mn	sec	res
PKS7	12.5	222	Pg	10:00:53.83	0.37	
			Sg	00:55.22	0.01	
PKSN	52.2	120	Pg	10:01:01.14	0.59	
PKB1	53.1	223	Pg	10:01:00.49	-0.21	
			Sg	01:07.20	-0.90	
PKB5	72.3	214	Pg	10:01:04.51	0.38	
PKSG	72.7	293	Pg	10:01:04.74	0.54	
PENC	73.3	1	Pg	10:01:05.13	0.82	
PKB3	78.9	184	Pg	10:01:06.21	0.91	
PKB4	87.0	216	Pg	10:01:07.14	0.37	
PKS9	96.9	231	Pg	10:01:08.13	-0.40	
PSZ	99.3	28	PgU	10:01:08.11	-0.85	
			Sg	01:20.88	-1.91	
MORH	112.5	205	Pg	10:01:10.66	-0.65	
PKSM	113.0	205	Pg	10:01:10.66	-0.74	
VYHS	155.0	348	Pn	10:01:17.30	-0.28	

1074.

2022-06-30	time:	11:59:23.81	UTC	ML= 0.6
lat:	47.868N	lon:	16.065E	h= 0.0 km
				erh= 0.5km erz= 108km
nr=	5	gap=	157	rms=0.05
Locality: Austria				
Comments: probably explosion				

sta	dist	azm	phase	hr mn	sec	res
CONA	16.6	294	Pg	11:59:26.76	-0.01	
			Sg	59:29.08	0.00	
RONA	25.5	137	Pg	11:59:28.31	-0.06	
			Sg	59:32.02	0.10	
MODS	106.4	58	Sg	11:59:57.68	0.05	

1075.

2022-07-01	time:	6:48:53.95	UTC	ML= 1.3
lat:	48.440N	lon:	18.503E	h= 0.0 km
				erh= 3.3km erz= 3.1km
nr=	9	gap=	102	rms=1.38
Locality: Slovakia				
Comments: probably explosion				

sta	dist	azm	phase	hr mn	sec	res
VYHS	25.4	76	Pg	6:48:59.36	0.89	
			Sg	49:03.48	1.47	
MODS	91.0	265	Pg	6:49:11.46	1.26	
			Sg	49:22.91	0.03	
PSZ	118.7	119	Pg	6:49:15.84	0.70	
			Sg	49:29.87	-1.80	
PKST	136.0	195	Sn	6:49:33.95	-2.69	
KECS	146.7	88	Sn	6:49:37.44	-1.59	
MORC	164.3	335	Sn	6:49:41.23	-1.71	

Földrengés paraméterek

1076.

2022-07-01	time:	7:04:23.00	UTC	ML= 1.2
lat:	48.048N	lon:	20.727E	h= 0.0 km
				erh= 3.4km erz= 700km
nr=	6	gap=	203	rms=0.43
Locality: Miskolctapolca				
Comments: probably explosion				

sta	dist	azm	phase	hr mn	sec	res
ABAH	47.0	54	Pg	7:04:30.93	-0.47	
			Sg	04:38.76	0.81	
KECS	51.6	340	Pg	7:04:32.19	-0.02	
			Sg	04:38.92	-0.47	
PSZ	63.8	257	Pg	7:04:34.85	0.45	
			Sg	04:43.14	-0.15	

1077.

2022-07-01	time:	8:36:53.39	UTC	ML= 1.6
lat:	48.201N	lon:	18.789E	h= 0.0 km
				erh= 2.3km erz= 5.1km
nr=	19	gap=	77	rms=1.16
Locality: Slovakia				
Comments: probably explosion				

sta	dist	azm	phase	hr mn	sec	res
VYHS	32.7	6	Pg	8:37:00.50	1.27	
			Sg	37:03.99	0.20	
A338	38.5	237	Pg	8:37:01.58	1.31	
			Sg	37:07.24	1.60	
PENC	58.7	141	Sg	8:37:12.44	0.40	
PSZ	88.2	111	Pg	8:37:10.42	1.27	
			Sg	37:21.20	-0.24	
PKSG	94.8	198	Sg	8:37:22.67	-0.87	
CSKK	101.3	203	Sg	8:37:25.15	-0.43	
SMOL	106.6	289	Pg	8:37:12.90	0.47	
			Sg	37:26.24	-1.04	
MODS	113.8	280	Sg	8:37:28.41	-1.15	
LANS	116.8	25	Sg	8:37:28.79	-1.72	
PKST	119.1	208	Sg	8:37:30.34	-0.91	
ZST	125.4	270	Sg	8:37:30.96	-2.28	
KECS	129.6	76	Pg	8:37:16.93	0.39	
			Sg	37:32.20	-2.40	
EGYH	139.7	231	Sn	8:37:35.69	-1.23	
MPLH	148.1	219	Sn	8:37:37.24	-1.55	

1078.

2022-07-01	time:	9:35:09.87	UTC	ML= 1.5
lat:	48.846N	lon:	20.786E	h= 0.0 km
				erh= 2.6km erz= 8.2km
nr=	12	gap=	110	rms=0.78
Locality: Slovakia				
Comments: probably explosion				

sta	dist	azm	phase	hr mn	sec	res
KECS	46.0	209	Pg	9:35:18.06	-0.02	
			Sg	35:24.72	0.23	
ABAH	69.7	151	Pg	9:35:23.33	1.02	
			Sg	35:31.22	-0.80	
NIE	72.5	332	Pg	9:35:23.86	1.05	
			Sg	35:31.94	-0.96	
LANS	102.2	289	Pg	9:35:28.12	0.00	
KOLS	109.5	85	Pg	9:35:29.88	0.46	
			Sg	35:42.85	-1.83	
PSZ	122.5	213	Pg	9:35:31.68	-0.06	
			Sg	35:47.24	-1.55	
OJC	168.7	335	Pn	9:35:37.30	-0.63	

Földrengés paraméterek

1079.

2022-07-01 time: 11:29:04.90 UTC ML= 1.5
 lat: 46.885N lon: 22.324E h= 0.0 km
 erh= 6.7km erz= 3.4km
 nr= 7 gap=253 rms=0.49
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	31.3	109	PgU	11:29:09.92			-0.57
			Sg	29:14.95			0.10
SIRR	85.5	217	Sg	11:29:32.29			0.22
BZS	151.2	201	Pn	11:29:31.05			0.27
			Sn	29:50.01			-0.96
GZR	169.5	168	Pn	11:29:33.68			0.62
			Sn	29:55.35			0.32

1080.

2022-07-04 time: 5:12:28.39 UTC ML= 1.7
 lat: 46.848N lon: 22.919E h= 0.0 km
 erh= 6.7km erz= 4.3km
 nr= 7 gap=296 rms=0.60
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	17.1	248	Pg	5:12:31.62			0.18
			Sg	12:34.49			0.67
SIRR	116.2	236	Pg	5:12:48.75			-0.39
			Sg	13:03.72			-1.60
GZR	162.1	184	Pn	5:12:55.96			0.33
			Sn	13:16.43			-0.46
BZS	169.8	216	Sn	5:13:19.37			0.77

1081.

2022-07-04 time: 7:04:37.92 UTC ML= 1.4
 lat: 46.126N lon: 18.084E h= 0.0 km
 erh= 1.7km erz= 377km
 nr= 10 gap=213 rms=0.29
 Locality: Abaliget
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	4.3	163	PgU	7:04:38.50			-0.19
			Sg	04:39.56			0.26
PKSV	29.4	154	Sg	7:04:47.07			-0.20
PKSM	44.1	77	Pg	7:04:45.86			0.06
			Sg	04:51.53			-0.41
MORH	44.4	77	Pg	7:04:45.86			0.01
			Sg	04:52.08			0.04
PKS9	53.4	16	Pg	7:04:47.15			-0.31
PKB5	72.4	44	Pg	7:04:51.45			0.61
PKB1	91.2	37	Sg	7:05:06.87			-0.05
PKST	126.0	358	Sg	7:05:13.81			-4.17*

1082.

2022-07-04 time: 7:22:59.36 UTC ML= 1.9
 lat: 47.943N lon: 20.075E h= 0.0 km
 erh= 4.6km erz= 5.3km
 nr= 12 gap=179 rms=1.01
 Locality: Mátraderecske
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	13.8	259	Pg	7:23:02.04			0.22
			Sg	23:03.56			-0.18
PENC	61.7	254	Pg	7:23:10.37			-0.02
			Sg	23:18.86			-0.13
KECS	67.4	27	Sg	7:23:20.27			-0.51
ABAH	95.2	66	Pg	7:23:17.15			0.79

Hypocenter Parameters

		Sg	23:28.41	-1.20	
VYHS	110.6	304	Pg	7:23:19.96	0.84
			Sg	23:33.18	-1.35
PKSG	140.6	244	Sn	7:23:40.20	-2.88
LANS	141.6	342	Pn	7:23:25.56	1.51
			Sn	23:41.22	-2.09

1083.

2022-07-04 time: 7:24:08.78 UTC ML= 1.5
 lat: 47.936N lon: 20.044E h= 0.0 km
 erh= 4.7km erz= 6.7km
 nr= 8 gap=178 rms=0.98
 Locality: Bodony
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	11.3	260	PgU	7:24:11.82			1.02
			Sg	24:13.66			1.29
PENC	59.3	254	Pg	7:24:19.73			0.37
			Sg	24:26.73			-0.88
KECS	69.2	28	Sg	7:24:30.68			-0.08
ABAH	97.6	66	Sg	7:24:39.21			-0.60
VYHS	109.1	305	Sg	7:24:42.26			-1.20
PKSG	138.1	244	Sn	7:24:49.78			-2.17

1084.

2022-07-04 time: 7:54:59.01 UTC ML= 1.8
 lat: 47.693N lon: 18.521E h= 0.0 km
 erh= 1.6km erz= 3.0km
 nr= 23 gap= 92 rms=0.87
 Locality: Héreg
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SRO	20.5	311	Pg	7:55:03.68			1.01
			Sg	55:06.41			0.88
PKSG	34.9	196	Pg	7:55:05.86			0.62
			Sg	55:10.88			0.79
CSKK	41.6	208	Pg	7:55:06.65			0.22
			Sg	55:12.21			-0.01
BUD	44.4	122	Sg	7:55:13.14			0.02
PENC	58.1	79	Pg	7:55:10.09			0.71
			Sg	55:17.83			0.36
PKST	60.6	217	Pg	7:55:10.24			0.41
			Sg	55:18.08			-0.19
VYHS	92.1	15	Sg	7:55:26.84			-1.45
TIH	100.1	208	Sg	7:55:31.62			0.79
PKB1	103.1	169	Sg	7:55:31.30			-0.47
PSZ	105.9	76	Pg	7:55:18.39			0.47
			Sg	55:31.69			-0.98
MODS	119.7	309	Pg	7:55:20.50			0.11
			Sg	55:35.06			-2.00
PKB5	123.1	172	Sg	7:55:36.00			-2.15
MORH	164.5	177	Pn	7:55:26.29			-0.26
			Sn	55:45.54			-2.49
PKSM	164.9	177	Pn	7:55:26.37			-0.23
			Sn	55:45.93			-2.20

1085.

2022-07-04 time: 8:32:55.91 UTC ML= 1.8
 lat: 48.876N lon: 20.487E h= 0.0 km
 erh= 2.8km erz= 3.7km
 nr= 18 gap= 54 rms=1.12
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	43.6	180	Pg	8:33:03.83			0.12
			Sg	33:09.46			-0.33
NIE	61.7	348	Pg	8:33:07.97			1.03
			Sg	33:14.63			-0.90
LANS	80.6	292	Sg	8:33:20.40			-1.13

Hypocenter Parameters

STHS	81.6	43	Pg	8:33:11.81	1.32
			Sg	33:20.17	-1.70
ABAH	85.1	139	Pg	8:33:10.95	-0.15
			Sg	33:21.97	-0.98
PSZ	115.1	202	Pg	8:33:17.05	0.58
			Sg	33:30.59	-1.92
VYHS	128.8	251	Pg	8:33:19.79	0.88
			Sg	33:33.25	-3.59
KOLS	131.1	87	Pn	8:33:19.48	0.19
			Sn	33:35.51	-2.02
PENC	150.2	217	Sn	8:33:41.38	-0.38
OJC	157.6	342	Pn	8:33:24.32	1.73
			Sn	33:42.39	-1.01

1086.

2022-07-04 time: 9:24:35.63 UTC ML= 0.9
lat: 47.932N lon: 16.109E h= 0.0 km
erh= 2.7km erz= 754km
nr= 7 gap=120 rms=0.50
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
CONA	18.5	269	Pg	9:24:39.26	0.33	
			Sg	24:40.65	-0.85	
RONA	29.4	151	Pg	9:24:40.81	-0.07	
			Sg	24:44.22	-0.76	
SOP	43.6	129	Pg	9:24:43.91	0.50	
KRUC	127.4	10	Pg	9:24:58.72	0.35	
			Sg	25:15.34	-0.78	

1087.

2022-07-04 time: 9:45:40.61 UTC ML= 0.8
lat: 47.171N lon: 18.299E h= 0.0 km
erh= 2.0km erz= 3.1km
nr= 10 gap=111 rms=0.55
Locality: Sárkeszi
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
CSKK	21.6	352	Pg	9:45:45.26	0.80	
			Sg	45:46.66	-0.80	
PKST	22.3	296	Pg	9:45:44.67	0.08	
			Sg	45:47.37	-0.33	
PKSG	25.5	16	Pg	9:45:45.61	0.45	
			Sg	45:48.54	-0.17	
MORH	109.4	166	Sg	9:46:15.44	0.05	
KOVH	121.3	187	Sg	9:46:18.67	-0.50	
PSZ	146.0	55	Sn	9:46:25.22	-0.32	
VYHS	152.5	15	Sn	9:46:25.59	-1.38	

1088.

2022-07-04 time: 9:52:48.87 UTC ML= 1.5
lat: 45.979N lon: 22.781E h= 0.0 km
erh= 3.0km erz= 3.3km
nr= 7 gap=176 rms=0.56
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
DEV	14.3	138	Pg	9:52:51.63	0.21	
			Sg	52:54.58	1.18	
GZR	65.1	180	Pg	9:53:00.62	0.13	
			Sg	53:08.84	-0.71	
DRGR	90.5	357	Sg	9:53:17.83	0.19	
VOIR	186.7	109	Pn	9:53:18.30	-0.88	
			Sn	53:42.48	-0.34	

Földrengés paraméterek

1089.

2022-07-04 time: 12:38:43.73 UTC ML= 0.9
lat: 47.577N lon: 18.248E h= 0.0 km
erh= 1.8km erz= 270km
nr= 7 gap=257 rms=0.18
Locality: Kocs
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKSG	23.2	152	Pg	12:38:47.88	0.00	
			Sg	38:50.85	-0.26	
CSKK	23.8	178	Pg	12:38:48.04	0.06	
			Sg	38:51.09	-0.20	
PKST	38.8	205	PgU	12:38:50.83	0.16	
			Sg	38:56.35	0.27	
EGYH	71.3	256	Sg	12:39:06.10	-0.29	

1090.

2022-07-05 time: 4:37:23.37 UTC ML= 1.4
lat: 47.764N lon: 18.224E h= 12.8 km
erh= 2.0km erz= 1.6km
nr= 18 gap= 74 rms=0.66
Locality: Slovakia
Comments:

sta	dist	azm	phase	hr mn	sec	res
SRO	8.6	51	Pg	4:37:25.83	-0.30	
			Sg	37:28.00	-0.28	
PKSG	43.3	163	Pg	4:37:31.92	0.50	
			Sg	37:37.81	0.10	
CSKK	44.7	176	Pg	4:37:32.42	0.75	
			Sg	37:38.13	-0.01	
PKST	58.0	194	Pg	4:37:33.75	-0.22	
			Sg	37:40.87	-1.37	
BUD	67.7	117	Sg	4:37:44.15	-1.13	
EGYH	77.4	240	Sg	4:37:47.02	-1.29	
VYHS	93.1	29	P*	4:37:40.50	0.43	
			S*	37:52.09	-1.01	
MODS	97.8	314	P*	4:37:41.51	0.71	
			S*	37:53.79	-0.60	
SMOL	102.2	325	P*	4:37:41.78	0.31	
			S*	37:54.80	-0.78	
PKB1	117.1	158	Pn	4:37:44.30	0.94	
			Sn	37:58.68	-0.28	

1091.

2022-07-05 time: 7:37:58.70 UTC ML= 1.7
lat: 47.329N lon: 18.411E h= 0.0 km
erh= 2.2km erz= 3.3km
nr= 16 gap=112 rms=0.93
Locality: Zámoly
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKSG	7.1	348	Pg	7:37:59.84	-0.14	
			Sg	38:00.54	-0.44	
CSKK	12.0	288	Pg	7:38:01.10	0.26	
			Sg	38:02.34	-0.17	
PKST	29.5	255	Pg	7:38:04.85	0.87	
			Sg	38:08.11	0.02	
PENC	83.2	52	Pg	7:38:15.47	1.90	
			Sg	38:24.85	-0.31	
MORH	125.0	172	Sg	7:38:38.16	-0.28	
PKSM	125.4	172	Sg	7:38:37.60	-0.97	
PSZ	129.3	60	Pg	7:38:21.64	-0.16	
			Sg	38:38.69	-1.13	
VYHS	133.4	14	Pn	7:38:23.15	0.78	
			Sn	38:38.73	-2.10	
KOVH	140.0	190	Sn	7:38:41.33	-0.96	
MODS	143.8	324	Sn	7:38:40.85	-2.30	

Földrengés paraméterek

1092.

2022-07-05 time: 7:58:45.05 UTC ML= 1.1
 lat: 46.169N lon: 18.309E h= 0.0 km
 erh= 2.0km erz= 360km
 nr= 7 gap=198 rms=0.26
 Locality: Zobákpuszta
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	18.5	241	Pg	7:58:48.13		-0.22	
			Sg	58:50.69		-0.24	
PKSM	26.1	80	Pg	7:58:50.00		0.29	
			Sg	58:53.17		-0.17	
MORH	26.4	79	Pg	7:58:49.92		0.16	
			Sg	58:53.02		-0.41	
PKSV	31.5	188	Sg	7:58:55.42		0.35	

1093.

2022-07-06 time: 6:04:02.68 UTC ML= 1.4
 lat: 46.828N lon: 22.851E h= 0.0 km
 erh= 7.9km erz= 5.3km
 nr= 7 gap=293 rms=0.59
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	11.4	249	PgU	6:04:04.76		0.04	
			Sg	04:07.11		0.79	
SIRR	110.6	236	Pg	6:04:22.00		-0.43	
			Sg	04:36.94		-0.90	
GZR	159.6	182	Pn	6:04:30.20		0.59	
			Sn	04:49.84		-0.77	
BZS	164.9	215	Sn	6:04:52.56		0.75	

1094.

2022-07-06 time: 6:36:03.79 UTC ML= 1.4
 lat: 46.008N lon: 22.863E h= 0.0 km
 erh= 5.6km erz= 6.6km
 nr= 7 gap=183 rms=0.48
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	14.2	167	Pg	6:36:06.31		-0.02	
			Sg	36:08.89		0.58	
GZR	68.7	186	Pg	6:36:16.01		-0.04	
			Sg	36:25.09		-0.53	
SIRR	97.3	287	Pg	6:36:21.70		0.53	
			Sg	36:33.39		-1.34	
VOIR	181.7	110	Sn	6:36:56.45		-0.19	

1095.

2022-07-06 time: 7:07:06.84 UTC ML= 1.3
 lat: 47.987N lon: 16.652E h= 0.0 km
 erh= 3.2km erz= 914km
 nr= 9 gap=145 rms=0.70
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SOP	34.5	192	Sg	7:07:17.23		-0.57	
RONA	41.6	220	Pg	7:07:14.75		0.48	
			Sg	07:19.21		-0.85	
CONA	59.4	264	Pg	7:07:18.12		0.67	
			Sg	07:25.16		-0.56	
MODS	63.3	47	Pg	7:07:18.91		0.76	
			Sg	07:26.58		-0.39	
KRUC	121.0	351	Pg	7:07:28.21		-0.24	
			Sg	07:43.39		-1.92	

Hypocenter Parameters

1096.

2022-07-06 time: 7:37:33.02 UTC ML= 1.4
 lat: 48.315N lon: 19.794E h= 0.0 km
 erh= 0.6km erz= 190km
 nr= 7 gap=115 rms=0.12
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	44.8	170	Pg	7:37:41.08		0.07	
			Sg	37:47.28		0.03	
KECS	54.5	70	Pg	7:37:42.63		-0.13	
			Sg	37:50.27		-0.08	
VYHS	73.7	286	Sg	7:37:56.24		-0.20	
LANS	95.9	346	Sg	7:38:03.56		0.04	
NIE	128.5	17	Pg	7:37:56.17		0.20	

1097.

2022-07-06 time: 7:42:24.58 UTC ML= 1.5
 lat: 48.583N lon: 18.830E h= 0.0 km
 erh= 4.2km erz= 5.3km
 nr= 7 gap=151 rms=1.08
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	9.9	177	Pg	7:42:27.03		0.69	
			Sg	42:27.69		-0.03	
PSZ	108.2	133	Pg	7:42:44.32		0.42	
MODS	117.1	259	Pg	7:42:46.26		0.77	
			Sg	43:00.06		-1.74	
PKSG	136.4	194	Sn	7:43:04.01		-3.36	
NIE	142.9	49	Sn	7:43:07.96		-0.86	

1098.

2022-07-06 time: 8:08:05.31 UTC ML= 1.2
 lat: 47.557N lon: 18.697E h= 0.0 km
 erh= 1.6km erz= 2.7km
 nr= 17 gap= 74 rms=0.82
 Locality: Zsámbék
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PBUD	25.9	113	Sg	8:08:13.98		0.44	
BUD	26.0	108	Pg	8:08:10.26		0.31	
			Sg	08:13.77		0.20	
PKSG	29.5	231	Pg	8:08:10.72		0.14	
			Sg	08:14.60		-0.08	
CSKK	39.3	237	Pg	8:08:12.68		0.35	
			Sg	08:18.65		0.84	
PKST	60.0	236	Pg	8:08:16.32		0.30	
			Sg	08:23.90		-0.47	
PSZ	98.4	66	Pg	8:08:23.14		0.26	
			Sg	08:35.45		-1.14	
VYHS	104.7	6	Pg	8:08:24.77		0.77	
			Sg	08:37.41		-1.17	
MODS	139.5	311	Sn	8:08:45.93		-2.87	
MORH	149.2	182	Sn	8:08:48.40		-2.54	
PKSM	149.6	182	Sn	8:08:47.08		-3.96	
KOVH	169.5	196	Sn	8:08:55.53		0.08	

1099.

2022-07-06 time: 8:24:58.29 UTC ML= 1.6
 lat: 46.047N lon: 22.753E h= 0.0 km
 erh= 3.8km erz= ***km
 nr= 9 gap=150 rms=0.92
 Locality: Romania
 Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
DEV	21.6	147	Sg	8:25:	05.58	0.44	
GZR	72.6	179	Pg	8:25:	10.85	-0.41	
			Sg	25:	20.15	-1.23	
DRGR	82.9	358	Pg	8:25:	13.55	0.46	
			Sg	25:	23.70	-0.93	
SIRR	88.0	286	Pg	8:25:	15.81	1.81	
			Sg	25:	25.11	-1.14	
BZS	100.4	242	Pg	8:25:	16.43	0.21	
			Sg	25:	29.45	-0.76	

1100.

2022-07-06 time: 9:14:31.10 UTC ML= 1.5
lat: 48.571N lon: 20.791E h= 0.0 km
erh= 3.2km erz= 4.2km
nr= 14 gap= 90 rms=1.09
Locality: Tornanádaska
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	24.6	246	Pg	9:14:	35.95	0.46	
			Sg	14:	38.39	-0.53	
ABAH	45.2	133	Pg	9:14:	39.90	0.74	
			Sg	14:	45.75	0.29	
PSZ	98.5	223	Sg	9:15:	02.85	0.43	
NIE	100.5	340	Pg	9:14:	51.53	2.48	
KOLS	116.2	70	Pg	9:14:	51.53	-0.31	
			Sg	15:	06.41	-1.62	
LANS	116.5	304	Pg	9:14:	51.92	0.02	
			Sg	15:	06.80	-1.33	
TRPA	138.6	111	Pn	9:14:	55.79	0.38	
			Sn	15:	12.15	-2.22	
VYHS	144.6	267	Pn	9:14:	56.18	0.01	
			Sn	15:	13.39	-2.33	

1101.

2022-07-06 time: 12:00:40.19 UTC ML= 1.3
lat: 46.103N lon: 21.689E h= 0.0 km
erh= 3.1km erz= 758km
nr= 7 gap=167 rms=0.50
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SIRR	18.4	353	PgU	12:00:	43.56	0.09	
			Sg	00:	46.04	0.01	
BZS	54.4	186	Pg	12:00:	49.84	-0.06	
			Sg	00:	56.82	-0.65	
DRGR	109.7	46	Sg	12:01:	14.34	-0.70	
GZR	115.7	133	Pg	12:01:	01.78	0.93	
			Sg	01:	16.66	-0.31	

1102.

2022-07-06 time: 15:17:43.53 UTC ML= 1.1
lat: 46.110N lon: 21.715E h= 0.0 km
erh= 3.5km erz= 893km
nr= 7 gap=158 rms=0.59
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SIRR	18.1	346	Pg	15:17:	47.05	0.29	
			Sg	17:	49.37	0.09	
BZS	55.3	188	Pg	15:17:	53.02	-0.39	
			Sg	18:	00.62	-0.49	
DRGR	107.7	45	Sg	15:18:	16.66	-1.12	
GZR	114.7	134	Pg	15:18:	04.96	0.94	
			Sg	18:	19.92	-0.07	

Földrengés paraméterek

1103.

2022-07-07 time: 6:34:06.12 UTC ML= 1.5
lat: 47.344N lon: 18.440E h= 0.0 km
erh= 1.9km erz= 3.4km
nr= 12 gap=113 rms=0.59
Locality: Zámoly
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	6.5	325	PgU	6:34:	07.62	0.33	
			Sg	34:	07.89	-0.30	
CSKK	13.8	279	Pg	6:34:	09.01	0.43	
			Sg	34:	10.10	-0.40	
PKST	32.1	253	Pg	6:34:	12.54	0.68	
			Sg	34:	15.41	-0.92	
MORH	126.4	173	Sg	6:34:	45.81	-0.48	
PSZ	126.6	60	Sg	6:34:	46.32	-0.04	
PKSM	126.8	173	Sg	6:34:	45.70	-0.72	
VYHS	131.3	13	Pn	6:34:	30.00	0.48	
			Sn	34:	46.90	-0.87	
MODS	143.8	323	Sn	6:34:	47.83	-2.73	

1104.

2022-07-07 time: 7:18:32.95 UTC ML= 1.3
lat: 46.146N lon: 17.946E h= 0.0 km
erh= 3.5km erz= 6.7km
nr= 12 gap=223 rms=0.82
Locality: Ibafa
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	13.5	118	PgU	7:18:	35.89	0.53	
			Sg	18:	37.13	-0.11	
PKSV	37.1	140	Pg	7:18:	39.92	0.34	
			Sg	18:	44.03	-0.72	
PKSM	54.2	82	Pg	7:18:	42.94	0.31	
			Sg	18:	49.23	-0.96	
MORH	54.5	82	Pg	7:18:	43.02	0.34	
			Sg	18:	49.06	-1.21	
PKS9	55.4	28	Sg	7:18:	52.55	2.00	
PKST	124.0	3	Pg	7:18:	55.43	0.34	
			Sg	19:	11.01	-1.35	
PKSG	142.7	14	Sn	7:19:	14.96	-2.18	

1105.

2022-07-07 time: 8:09:59.25 UTC ML= 1.6
lat: 48.355N lon: 18.475E h= 0.0 km
erh= 2.1km erz= 4.2km
nr= 12 gap=149 rms=0.67
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	30.9	60	Pg	8:10:	04.95	0.19	
			Sg	10:	08.63	-0.43	
PENC	86.9	136	Sg	8:10:	26.79	-0.09	
MODS	88.8	271	Pg	8:10:	15.67	0.57	
			Sg	10:	26.79	-0.67	
PKSG	107.3	183	Pg	8:10:	18.96	0.56	
			Sg	10:	33.28	-0.07	
PSZ	116.3	115	Pg	8:10:	20.76	0.75	
			Sg	10:	35.24	-0.97	
PKST	126.3	195	Sg	8:10:	37.82	-1.56	
KECS	149.5	85	Pn	8:10:	24.91	-0.01	
			Sn	10:	43.22	-1.73	

Földrengés paraméterek

1106.

2022-07-07 time: 8:27:45.45 UTC ML= 1.6
 lat: 48.500N lon: 17.477E h= 0.0 km
 erh= 3.6km erz= 2.9km
 nr= 10 gap=223 rms=0.63
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	3.9	294	PgU	8:27:46.26		0.11	
			Sg	27:46.98		0.29	
MODS	20.4	227	Pg	8:27:49.94		0.85	
			Sg	27:51.50		-0.42	
KRUC	101.2	308	Sg	8:28:16.99		-0.61	
RONA	125.1	225	Pg	8:28:07.99		0.20	
			Sg	28:24.66		-0.55	
CONA	135.8	242	Pn	8:28:09.95		0.53	
			Sn	28:26.86		-1.26	
MORC	142.1	2	Sn	8:28:28.34		-1.17	

1107.

2022-07-07 time: 8:49:19.25 UTC ML= 2.0
 lat: 48.225N lon: 21.236E h= 0.0 km
 erh= 2.4km erz= 2.4km
 nr= 16 gap=106 rms=0.84
 Locality: Tállya
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	7.9	2	PgU	8:49:21.40		0.74	
			Sg	49:22.52		0.75	
KECS	62.6	297	Sg	8:49:38.65		-0.50	
TRPA	97.5	96	Pg	8:49:36.59		-0.06	
			Sg	49:49.15		-1.08	
PSZ	105.6	251	Pg	8:49:38.76		0.64	
			Sg	49:51.40		-1.43	
KOLS	109.8	44	Pg	8:49:39.38		0.52	
			Sg	49:52.64		-1.51	
STZU	134.9	49	Sn	8:49:59.23		-2.48	
NIE	149.1	333	Pn	8:49:45.74		0.87	
			Sn	50:04.50		-0.36	
LANS	166.0	308	Sn	8:50:07.75		-0.86	
MEZ	171.8	79	Sn	8:50:10.08		0.18	
VYHS	180.4	280	Sn	8:50:11.32		-0.48	
DRGR	194.3	145	Sn	8:50:15.66		0.78	

1108.

2022-07-07 time: 9:48:47.58 UTC ML= 1.0
 lat: 47.217N lon: 18.257E h= 0.0 km
 erh= 2.7km erz= 345km
 nr= 6 gap=258 rms=0.20
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	16.2	1	Pg	9:48:50.51		0.04	
			Sg	48:52.80		0.07	
PKST	17.5	285	Pg	9:48:50.89		0.19	
			Sg	48:52.68		-0.45	
PKSG	21.9	28	Pg	9:48:51.28		-0.20	
			Sg	48:54.73		0.20	

1109.

2022-07-07 time: 10:00:33.89 UTC ML= 1.6
 lat: 48.123N lon: 16.917E h= 0.0 km
 erh= 3.4km erz= 3.5km
 nr= 10 gap=135 rms=0.75
 Locality: Austria
 Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
MODS	38.7	44	Pg	10:00:41.53		0.74	
			Sg	00:46.39		0.21	
SOP	55.7	209	Sg	10:00:51.08		-0.52	
RONA	66.1	225	Pg	10:00:46.07		0.38	
			Sg	00:54.37		-0.52	
KRUC	111.3	340	Pg	10:00:53.98		0.22	
			Sg	01:08.06		-1.20	
ARSA	142.7	227	Pn	10:00:59.53		0.82	
			Sn	01:16.75		-1.32	
VYHS	148.2	74	Sn	10:01:18.00		-1.31	

1110.

2022-07-07 time: 10:49:48.63 UTC ML= 1.3
 lat: 47.867N lon: 16.046E h= 0.0 km
 erh= 1.6km erz= 2.7km
 nr= 7 gap=124 rms=0.75
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	15.4	296	Pg	10:49:51.78		0.41	
			Sg	49:54.03		0.52	
RONA	26.4	135	Pg	10:49:54.03		0.68	
			Sg	49:57.20		0.17	
ARSA	79.1	210	Sg	10:50:12.71		-1.05	
KRUC	135.3	11	Pn	10:50:12.22		-0.31	
			Sn	50:29.06		-2.12	

1111.

2022-07-08 time: 5:16:15.15 UTC ML= 1.2
 lat: 47.269N lon: 18.362E h= 0.0 km
 erh= 1.6km erz= 2.1km
 nr= 11 gap=112 rms=0.44
 Locality: Sárkeresztes
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	13.0	324	Pg	5:16:17.56		0.09	
			Sg	16:18.37		-0.90	
PKSG	13.8	9	PgU	5:16:17.92		0.30	
			Sg	16:19.36		-0.18	
PKST	24.8	267	Pg	5:16:19.97		0.39	
			Sg	16:23.35		0.31	
MORH	119.1	170	Sg	5:16:52.86		-0.14	
PKSM	119.5	170	Sg	5:16:52.76		-0.37	
KOVH	132.8	189	Sn	5:16:56.73		-0.42	
PSZ	136.0	58	Sn	5:16:58.42		0.56	
VYHS	140.7	15	Sn	5:16:57.79		-1.11	

1112.

2022-07-08 time: 5:44:23.76 UTC ML= 1.6
 lat: 46.902N lon: 22.815E h= 0.0 km
 erh= 5.9km erz= 2.8km
 nr= 7 gap=310 rms=0.39
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	14.6	213	PgU	5:44:26.62		0.26	
			Sg	44:28.71		0.31	
SIRR	113.2	231	Sg	5:44:59.26		-0.48	
GZR	167.7	181	Pn	5:44:52.03		0.33	
			Sn	45:12.79		-0.71	
BZS	170.1	213	Pn	5:44:51.56		-0.45	
			Sn	45:14.26		0.22	

Hypocenter Parameters

1113.

2022-07-08 time: 6:59:59.64 UTC ML= 1.3
 lat: 45.822N lon: 18.417E h= 0.0 km
 erh= 4.9km erz= 616km
 nr= 6 gap=278 rms=0.37
 Locality: Kistapolca
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	14.8	300	Sg	7:00	:03	.39	-0.96
KOVH	38.5	320	Sg	7:00	:12	.46	0.58
PKSM	46.7	22	Pg	7:00	:08	.19	0.21
						Sg	00
MORH	47.2	22	Pg	7:00	:07	.97	-0.10
						Sg	00

1114.

2022-07-08 time: 7:10:30.27 UTC ML= 1.7
 lat: 47.313N lon: 16.340E h= 0.0 km
 erh= 2.3km erz= 6.3km
 nr= 14 gap=103 rms=0.75
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res		
RONA	43.1	356	Pg	7:10	:38	.21	0.24		
						Sg	10	:43	.14
ARSA	62.2	264	Pg	7:10	:42	.41	1.04		
						Sg	10	:49	.02
EGYH	75.8	81	Sg	7:10	:53	.72	-0.65		
						Pg	7:10	:44	.48
CONA	77.3	332					Sg	10:54.10	-0.74
						Pg	7:10	:48	.15
KOGS	96.4	184					Sg	11:00.28	-0.62
						Pg	7:10	:50	.42
GROS	114.2	214					Sg	11:05.26	-1.31
						Pg	7:10	:52	.22
SOKA	121.9	235	Pg	7:11	:09	.83	-3.42		
						Sn	7:11	:27	.60

1115.

2022-07-08 time: 7:27:42.85 UTC ML= 1.5
 lat: 48.543N lon: 17.438E h= 0.0 km
 erh= 1.4km erz= 2.1km
 nr= 14 gap= 99 rms=0.56
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	3.3	192	Pg	7:27	:43	.18	-0.27
						Sg	27
MODS	22.3	212	Pg	7:27	:46	.93	0.10
						Sg	27
KRUC	95.9	307	Pg	7:28	:00	.86	0.89
						Sg	28
VYHS	103.5	93	Pg	7:28	:01	.93	0.60
						Sg	28
RONA	126.6	222	Pg	7:28	:06	.22	0.77
						Sg	28
CONA	135.6	240	Pn	7:28	:06	.67	-0.12
						Sn	28
MORC	137.4	3	Pn	7:28	:06	.67	-0.35
						Sn	28

Földrengés paraméterek

1116.

2022-07-08 time: 9:00:41.13 UTC ML= 1.3
 lat: 46.075N lon: 22.090E h= 0.0 km
 erh= 7.8km erz= ***km
 nr= 6 gap=158 rms=1.18
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SIRR	39.5	303	Pg	9:00	:48	.52	0.33
						Sg	00
GZR	92.7	145	Pg	9:00	:58	.80	1.11
						Sg	01
DRGR	92.9	31	Pg	9:00	:58	.48	0.77
						Sg	01

1117.

2022-07-08 time: 9:11:51.23 UTC ML= 1.7
 lat: 48.575N lon: 20.743E h= 0.0 km
 erh= 2.7km erz= 3.5km
 nr= 18 gap= 91 rms=1.08
 Locality: Tornanádaska
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	21.6	242	Pg	9:11	:55	.60	0.51
						Sg	11
ABAH	48.1	130	Pg	9:11	:59	.56	-0.26
						Sg	12
PSZ	96.5	221	Pg	9:12	:09	.33	0.87
						Sg	12
NIE	99.0	341	Pg	9:12	:11	.26	2.35
						Sg	12
STHS	100.5	21	Sg	9:12	:20	.64	-2.54
						Pg	9:12
LANS	113.4	304	Pg	9:12	:24	.67	-2.60
						Sg	12
KOLS	119.4	71	Sg	9:12	:28	.24	-0.93
						Pn	9:12
VYHS	141.1	266	Pn	9:12	:33	.20	-1.87
						Sn	12
STZU	146.6	70	Pn	9:12	:16	.69	0.15
						Sn	9:12
BUD	176.5	227	Pn	9:12	:23	.44	0.82
						Sn	12

1118.

2022-07-08 time: 9:27:25.84 UTC ML= 1.5
 lat: 47.861N lon: 19.064E h= 0.0 km
 erh= 2.0km erz= 629km
 nr= 7 gap=117 rms=0.43
 Locality: Berkénye
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res		
PENC	18.1	116	Pg	9:27	:29	.60	0.53		
						Sg	27	:31	.33
PSZ	62.4	84	Pg	9:27	:37	.27	0.28		
						Sg	27	:44	.79
VYHS	72.4	346	Sg	9:27	:48	.46	-0.40		
						Pg	9:27	:48	.78
PKSG	72.7	224	Sg	9:27	:48	.33	-0.06		
						PKST	102.4	229	Sg

1119.

2022-07-08 time: 10:02:37.80 UTC ML= 1.4
 lat: 48.005N lon: 19.599E h= 0.0 km
 erh= 2.6km erz= ***km
 nr= 9 gap=103 rms=0.77
 Locality: Hollókő
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
PSZ	24.1	114	Pg	10:02:	42.79	0.69	
			Sg		02:44.96	-0.49	
PENC	33.6	225	Pg	10:02:	44.72	0.91	
			Sg		02:47.60	-0.89	
BUD	72.2	217	Sg	10:02:	59.93	-0.83	
VYHS	78.5	314	Sg	10:03:	01.86	-0.90	
KECS	84.7	51	Sg	10:03:	04.81	0.10	
ABAH	126.3	75	Sg	10:03:	16.97	-0.97	
LANS	127.8	356	Sg	10:03:	19.14	0.73	

1120.

2022-07-08 time: 11:29:16.55 UTC ML= 1.6
lat: 47.320N lon: 17.605E h= 0.0 km
erh= 3.2km erz= 3.3km
nr= 14 gap= 98 rms=0.98
Locality: Ugod
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
EGYH	23.3	298	Sg	11:29:	24.75	0.81	
			Pg		29:23.73	1.25	
PKST	33.2	102	Sg		29:26.86	-0.24	
			Sg	11:29:	32.19	-0.18	
CSKK	49.8	85	Sg		29:34.61	-0.98	
PKSG	59.9	82	Sg	11:29:	49.56	-1.07	
RONA	107.2	293	Sg		29:49.48	-3.22	
BEHE	113.7	214	Sg	11:29:	41.19	-0.11	
KOVH	142.1	165	Pn		29:59.11	-1.50	
MORH	146.2	147	Pn	11:29:	43.14	1.32	
PKSM	146.5	147	Sn		30:01.22	-0.31	
CONA	147.4	297	Sn	11:30:	01.22	-0.57	
VYHS	159.7	35	Sn		11:30:04.59	0.08	

1121.

2022-07-08 time: 18:11:24.21 UTC ML= 2.4
lat: 45.507N lon: 16.210E h= 6.4 km
erh= 2.6km erz= 1.7km
nr= 28 gap=139 rms=0.82
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZAG	39.6	335	PgD	18:11:	31.89	0.52	
			Sg		11:37.89	0.94	
PTJ	47.9	336	Pg	18:11:	32.96	0.12	
			Sg		11:39.22	-0.35	
CRES	68.6	301	Pg	18:11:	36.97	0.46	
			Sg		11:45.68	-0.42	
KOGS	104.7	2	Pg	18:11:	42.83	-0.11	
			Sg		11:56.61	-0.93	
BLY	113.9	138	PgU	18:11:	44.65	0.07	
			Sg		11:58.92	-1.55	
GROS	119.4	333	Pn	18:11:	45.01	-0.30	
			Sn		11:59.88	-1.89	
PERS	151.3	326	Pn	18:11:	49.12	-0.17	
			Sn		12:08.15	-0.70	
SOKA	158.8	325	Pn	18:11:	49.88	-0.35	
			Sn		12:10.02	-0.50	
KOVH	160.5	66	Pn	18:11:	49.78	-0.66	
			Sn		12:10.91	0.01	
PKSV	164.6	75	Sn	18:12:	13.58	1.77	
OBKA	170.2	311	Pn	18:11:	52.33	0.69	
			Sn		12:12.77	-0.27	
TRI	192.1	277	Sn	18:12:	21.64	3.74	
ARSA	200.9	345	Pn	18:11:	56.27	0.80	
PKSM	204.5	67	Sn	18:12:	25.04	4.39	
MORH	204.8	67	Sn	18:12:	25.20	4.47	
PKB4	215.6	59	Sn	18:12:	29.00	5.88*	
RONA	243.9	2	Pn	18:12:	01.80	0.97	
CONA	270.5	354	Pn	18:12:	04.46	0.31	
			Sn		12:35.71	0.41	

1122.

2022-07-09 time: 8:47:54.22 UTC ML= 1.2
lat: 46.175N lon: 18.291E h= 0.0 km
erh= 1.0km erz=13.7km
nr= 11 gap=114 rms=0.31
Locality: Zobákpuszta
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOHV	17.6	237	Pg	8:47:	57.40	0.03	
			Sg		47:59.86	0.04	
PKSM	27.4	81	Pg	8:47:	59.20	0.10	
			Sg		48:02.64	-0.27	
MORH	27.6	80	Pg	8:47:	59.40	0.24	
			Sg		48:02.84	-0.16	
PKSV	31.9	185	Pg	8:48:	00.09	0.16	
			Sg		48:03.81	-0.57	
PKS9	45.8	359	Sg	8:48:	09.29	0.50	
PKST	122.1	351	Sg	8:48:	32.42	-0.62	
PKSG	135.5	3	Sn	8:48:	34.41	-2.41*	

1123.

2022-07-10 time: 19:47:08.83 UTC ML= 0.7
lat: 47.446N lon: 18.333E h= 11.4 km
erh= 0.6km erz= 0.3km
nr= 11 gap=131 rms=0.12
Locality: Oroszlány
Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSG	7.5	144	Pg	19:47:	11.38	0.11	
			Sg		47:13.12	-0.05	
CSKK	10.7	211	PgD	19:47:	11.60	-0.03	
			Sg		47:13.57	-0.25	
PKST	30.7	227	PgU	19:47:	14.81	0.13	
			Sg		47:19.27	0.03	
SRO	40.8	358	Sg	19:47:	22.36	0.05	
PKB5	99.5	162	S*	19:47:	40.43	-0.10	
PKB4	107.6	169	Sn	19:47:	42.66	0.03	
VYHS	122.4	18	Sn	19:47:	45.72	-0.19	
PKSM	139.2	170	Sn	19:47:	50.88	1.23*	

1124.

2022-07-11 time: 7:48:01.69 UTC ML= 1.2
lat: 48.067N lon: 20.669E h= 0.0 km
erh= 2.3km erz= 485km
nr= 6 gap=195 rms=0.28
Locality: Bükkzentlászló
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	48.2	344	Pg	7:48:	10.49	0.18	
			Sg		48:16.81	-0.22	
ABAH	49.5	59	Pg	7:48:	10.71	0.18	
			Sg		48:16.97	-0.46	
PSZ	60.1	254	Pg	7:48:	12.61	0.19	
			Sg		48:20.24	-0.56	

1125.

2022-07-11 time: 10:58:41.23 UTC ML= 2.0
lat: 47.110N lon: 19.338E h= 0.0 km
erh= 4.2km erz= 872km
nr= 14 gap=163 rms=0.74
Locality: Tatárszentgyörgy
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	15.2	243	PgU	10:58:	44.05	0.11	
			Sg		58:45.86	-0.20	

Hypocenter Parameters

PKB1	55.2	229	Pg	10:58:50.98	-0.10
PKS2	69.4	188	Pg	10:58:53.99	0.37
PKB5	73.4	219	Pg	10:58:54.97	0.63
			Sg	59:05.42	0.85
PENC	75.8	357	Pg	10:58:55.40	0.64
PKB3	77.1	188	Pg	10:58:56.40	1.41
PSZ	99.1	25	PgU	10:58:58.22	-0.71
PKS9	99.6	234	Pg	10:58:58.58	-0.43
MORH	112.7	208	Pg	10:59:00.80	-0.56
			Sg	59:14.98	-2.08
PKSM	113.2	208	Pg	10:59:01.04	-0.41
			Sg	59:15.45	-1.77

1126.

2022-07-12 time: 7:45:31.62 UTC ML= 1.5
lat: 46.884N lon: 22.860E h= 0.0 km
erh= 9.2km erz= 9.4km
nr= 9 gap=142 rms=0.98
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
DRGR	15.3	228	Pg	7:45:35.19	0.84	
			Sg	45:37.11	0.62	
SIRR	114.8	233	Pg	7:45:51.14	-0.97	
			Sg	46:06.18	-1.91	
GZR	165.8	182	Pn	7:46:00.62	1.29	
			Sn	46:20.75	-0.19	
MEZ	187.7	15	Sn	7:46:25.87	0.07	
VOIR	233.4	134	Pn	7:46:07.03	-0.72	
			Sn	46:35.56	-0.38	

1127.

2022-07-12 time: 8:12:23.28 UTC ML= 1.7
lat: 48.486N lon: 18.732E h= 0.0 km
erh= 4.9km erz= 7.3km
nr= 11 gap=128 rms=1.26
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
VYHS	7.8	84	Pg	8:12:25.74	1.07	
			Sg	12:26.68	0.92	
PSZ	107.1	126	Pg	8:12:43.04	0.64	
			Sg	12:56.66	-0.66	
PKSG	124.3	192	Sg	8:13:01.04	-1.77	
KECS	129.7	90	Sg	8:13:01.59	-2.91	
CSKK	129.8	196	Pg	8:12:47.81	1.36	
			Sg	13:03.46	-1.07	
PKST	146.1	201	Sn	8:13:06.83	-1.40	
MORC	167.7	329	Pn	8:12:51.57	0.34	
			Sn	13:11.06	-1.96	

1128.

2022-07-12 time: 8:33:12.60 UTC ML= 1.0
lat: 45.868N lon: 18.409E h= 0.0 km
erh= 1.3km erz= 200km
nr= 8 gap=256 rms=0.14
Locality: Villány
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKSV	12.4	281	Pg	8:33:14.75	-0.06	
			Sg	33:16.32	-0.22	
KOVH	34.3	316	Pg	8:33:19.02	0.30	
			Sg	33:23.57	0.07	
PKSM	42.3	25	Pg	8:33:20.18	0.04	
			Sg	33:25.92	-0.11	
MORH	42.7	25	Pg	8:33:20.18	-0.05	
			Sg	33:26.09	-0.09	

Földrengés paraméterek

1129.

2022-07-12 time: 8:34:43.63 UTC ML= 1.1
lat: 45.861N lon: 18.418E h= 0.0 km
erh= 1.3km erz= 187km
nr= 8 gap=259 rms=0.14
Locality: Villány
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKSV	13.2	283	Pg	8:34:46.10	0.11	
			Sg	34:47.68	-0.15	
KOVH	35.3	316	Pg	8:34:50.05	0.12	
			Sg	34:54.66	-0.19	
PKSM	42.6	24	Pg	8:34:51.06	-0.19	
			Sg	34:57.34	0.15	
MORH	43.1	24	Pg	8:34:51.44	0.10	
			Sg	34:57.22	-0.13	

1130.

2022-07-12 time: 8:38:02.47 UTC ML= 1.5
lat: 48.733N lon: 17.778E h= 0.0 km
erh= 2.6km erz= 777km
nr= 8 gap=125 rms=0.55
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
SMOL	35.5	227	Pg	8:38:09.11	0.30	
			Sg	38:13.96	0.21	
MODS	54.4	223	Pg	8:38:12.08	-0.12	
			Sg	38:19.05	-0.73	
VYHS	82.5	109	Pg	8:38:17.95	0.75	
			Sg	38:27.58	-1.11	
MORC	117.3	352	Pg	8:38:23.59	0.17	
			Sg	38:38.93	-0.83	

1131.

2022-07-12 time: 9:17:30.19 UTC ML= 2.1
lat: 48.243N lon: 21.238E h= 0.0 km
erh= 1.6km erz= 2.3km
nr= 14 gap=105 rms=0.53
Locality: Tállya
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
ABAH	5.9	1	Pg	9:17:31.09	-0.15	
			Sg	17:32.66	0.60	
KECS	61.8	296	Pg	9:17:41.58	0.36	
			Sg	17:49.09	-0.74	
TRPA	97.6	97	Pg	9:17:47.74	0.13	
			Sg	18:00.27	-0.93	
PSZ	106.4	250	Pg	9:17:48.93	-0.26	
			Sg	18:03.96	-0.05	
KOLS	108.3	45	Pg	9:17:50.34	0.82	
			Sg	18:03.65	-0.96	
NIE	147.3	333	Sn	9:18:14.57	-0.84	
VYHS	180.1	279	Sn	9:18:23.10	0.42	
DRGR	195.8	145	Pn	9:18:01.96	0.32	
			Sn	18:26.54	0.37	

1132.

2022-07-12 time: 9:44:55.89 UTC ML= 1.8
lat: 47.137N lon: 19.351E h= 0.0 km
erh= 5.9km erz= 690km
nr= 9 gap=183 rms=0.56
Locality: Örkény
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKS7	17.6	235	Pg	9:44:59.74	0.71	

Földrengés paraméterek

Hypocenter Parameters

		Sg	45:01.90	0.43	
PKB5	76.4	218	Pg	9:45:09.88	0.35
		Sg	45:20.05	-0.12	
PSZ	96.0	25	Pg	9:45:12.90	-0.14
PKS9	102.1	233	Pg	9:45:13.75	-0.37
MORH	115.8	208	Pg	9:45:17.02	0.45
PKSM	116.3	208	Pg	9:45:15.84	-0.82
		Sg	45:31.27	-1.59	

1133.

2022-07-12 time: 10:00:19.37 UTC ML= 1.3
lat: 48.141N lon: 16.912E h= 0.0 km
erh= 3.2km erz= 386km
nr= 6 gap=177 rms=0.22
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	37.4	46	Pg	10:00:26.21	0.16		
			Sg	00:30.84	-0.43		
RONA	67.3	223	Pg	10:00:31.38	-0.01		
			Sg	00:40.57	-0.19		
CONA	81.8	253	Pg	10:00:34.24	0.26		
			Sg	00:45.12	-0.26		

1134.

2022-07-12 time: 10:00:46.14 UTC ML= 0.7
lat: 47.187N lon: 18.272E h= 0.0 km
erh= 3.7km erz= 759km
nr= 7 gap=165 rms=0.52
Locality: Sárkeszi
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	19.6	358	Pg	10:00:49.83	0.19		
			Sg	00:51.67	-0.70		
PKST	19.7	294	Pg	10:00:50.22	0.57		
			Sg	00:52.22	-0.18		
PKSG	24.5	22	Pg	10:00:50.61	0.10		
			Sg	00:53.75	-0.17		
KOVH	122.8	186	Sg	10:01:23.19	-2.00		

1135.

2022-07-12 time: 10:59:33.89 UTC ML= 1.9
lat: 48.892N lon: 20.908E h= 0.0 km
erh= 2.0km erz= 3.9km
nr= 14 gap=109 rms=0.64
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	55.1	214	Pg	10:59:44.24	0.51		
			Sg	59:51.44	0.04		
STHS	63.3	23	Pg	10:59:46.39	1.20		
			Sg	59:53.67	-0.33		
ABAH	70.7	160	Pg	10:59:46.59	0.08		
			Sg	59:55.51	-0.84		
NIE	72.9	323	Pg	10:59:46.12	-0.79		
			Sg	59:57.23	0.17		
KOLS	100.2	87	Pg	10:59:51.92	0.14		
			Sg	11:00:06.43	0.69		
HOLU	116.0	110	Pg	10:59:53.72	-0.89		
STZU	126.4	84	Pg	10:59:56.45	-0.01		
PSZ	131.7	215	PnU	10:59:57.86	0.51		
			Sn	11:00:14.45	-1.20		

1136.

2022-07-12 time: 12:45:21.30 UTC ML= 1.7
lat: 45.892N lon: 16.013E h= 0.0 km
erh= 6.4km erz= 816km
nr= 6 gap=270 rms=0.47
Locality: Croatia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PTJ	4.4	282	PgU	12:45:21.68	-0.40		
			Sg	45:22.66	-0.03		
ZAG	7.1	192	Pg	12:45:22.27	-0.30		
			Sg	45:23.68	0.11		
CRES	43.8	260	Pg	12:45:30.03	0.91		
			Sg	45:35.00	-0.23		

1137.

2022-07-13 time: 6:28:22.39 UTC ML= 1.5
lat: 47.885N lon: 19.413E h= 0.0 km
erh= 3.2km erz= ***km
nr= 12 gap=139 rms=0.83
Locality: Bercel
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	14.4	223	Pg	6:28:25.48	0.51		
			Sg	28:27.39	0.42		
PSZ	36.2	84	Pg	6:28:29.20	0.35		
			Sg	28:33.98	0.09		
VYHS	80.1	328	Pg	6:28:38.27	1.57		
			Sg	28:46.10	-1.76		
PKSG	94.4	234	Pg	6:28:39.01	-0.24		
			Sg	28:51.49	-0.91		
KECS	103.8	50	Pg	6:28:41.26	0.33		
			Sg	28:54.36	-1.03		
PKST	125.0	236	Pg	6:28:44.47	-0.23		
			Sg	29:00.49	-1.62		

1138.

2022-07-13 time: 7:20:07.78 UTC ML= 1.6
lat: 47.949N lon: 20.103E h= 0.0 km
erh= 2.4km erz= 2.6km
nr= 7 gap=179 rms=0.83
Locality: Mátraderecske
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	15.9	258	Pg	7:20:10.79	0.17		
			Sg	20:13.65	0.81		
PENC	63.9	254	Sg	7:20:28.77	0.68		
KECS	65.9	26	Sg	7:20:27.84	-0.89		
ABAH	93.0	65	Pg	7:20:24.82	0.43		
			Sg	20:36.99	-0.36		
PKSG	142.7	244	Sn	7:20:49.47	-2.50		

1139.

2022-07-13 time: 8:15:11.51 UTC ML= 1.7
lat: 46.061N lon: 22.819E h= 0.0 km
erh= 3.4km erz= 6.9km
nr= 11 gap=118 rms=0.85
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	20.8	162	Pg	8:15:15.21	-0.02		
			Sg	15:18.03	-0.11		
GZR	74.3	183	Sg	8:15:34.15	-0.98		
DRGR	81.6	354	Pg	8:15:26.55	0.47		
			Sg	15:36.26	-1.19		
SIRR	92.4	284	Pg	8:15:28.52	0.51		

Hypocenter Parameters

BZS 105.7 242	Sg	15:40.17	-0.71
	Pg	8:15:31.40	1.02
VOIR 187.0 112	Sg	15:42.99	-2.10
	Pn	8:15:42.76	0.90
	Sn	16:04.36	-1.17

1140.

2022-07-13 time: 9:52:43.44 UTC ML= 1.8
 lat: 47.114N lon: 17.963E h= 0.0 km
 erh= 2.3km erz= 2.7km
 nr= 26 gap=147 rms=0.88
 Locality: Kádárta
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKST	17.0	19	Pg	9:52:46.79	0.31	
			Sg	52:48.80	-0.04	
TIH	24.4	193	Pg	9:52:48.53	0.73	
			Sg	52:50.89	-0.31	
CSKK	35.7	39	Pg	9:52:50.43	0.61	
			Sg	52:55.00	0.21	
PKSG	44.7	46	Pg	9:52:51.36	-0.07	
			Sg	52:57.56	-0.11	
PKB1	73.0	120	Pg	9:52:57.72	1.24	
			Sg	53:05.90	-0.75	
PKB5	82.5	134	Pg	9:52:59.27	1.10	
			Sg	53:09.57	-0.09	
MORH	112.7	152	Pg	9:53:03.99	0.43	
			Sg	53:17.02	-2.23	
PKSM	113.0	153	Pg	9:53:03.76	0.15	
			Sg	53:17.48	-1.87	
KOVH	114.5	175	Pg	9:53:04.38	0.49	
			Sg	53:17.79	-2.05	
PENC	124.7	53	Pg	9:53:05.74	0.03	
			Sg	53:21.40	-1.68	
PKSV	138.0	171	Sn	9:53:24.89	-1.71	
MODS	149.2	340	Pn	9:53:09.15	0.07	
			Sn	53:26.60	-2.47	
VYHS	166.8	23	Pn	9:53:11.56	0.29	
			Sn	53:31.40	-1.58	
PSZ	170.8	58	Sn	9:53:33.26	-0.61	

1141.

2022-07-13 time: 11:05:41.71 UTC ML= 1.9
 lat: 47.137N lon: 19.310E h= 0.0 km
 erh= 5.3km erz= 8.7km
 nr= 15 gap=180 rms=1.13
 Locality: Örkény
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKS7	15.1	229	PgU	11:05:45.03	0.62	
			Sg	05:46.69	0.17	
PKB1	55.6	225	Pg	11:05:52.59	0.95	
PENC	72.7	358	Pg	11:05:56.51	1.82	
PKB5	74.5	216	Pg	11:05:55.96	0.94	
			Sg	06:06.41	1.01	
PKB4	89.4	217	Pg	11:05:58.42	0.75	
PSZ	97.4	27	PgU	11:05:59.36	0.27	
			Sg	06:11.46	-1.19	
PKST	97.6	278	Sg	11:06:10.68	-2.07	
MORH	114.4	206	Pg	11:06:01.44	-0.70	
			Sg	06:16.55	-1.53	
PKSM	114.9	206	Pg	11:06:01.82	-0.41	
			Sg	06:16.37	-1.86	
KOVH	149.0	219	Pn	11:06:05.58	-1.74	

Földrengés paraméterek

1142.

2022-07-13 time: 14:53:21.90 UTC ML= 1.2
 lat: 45.986N lon: 18.511E h= 0.0 km
 erh= 3.5km erz= 660km
 nr= 12 gap=219 rms=0.54
 Locality: Szajk
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKSV	22.8	241	Pg	14:53:25.87	-0.10	
			Sg	53:29.59	0.44	
PKSM	27.0	22	Pg	14:53:26.30	-0.43	
			Sg	53:30.33	-0.16	
MORH	27.5	22	Pg	14:53:26.38	-0.44	
			Sg	53:30.22	-0.43	
KOVH	33.8	290	Pg	14:53:27.40	-0.53	
			Sg	53:31.94	-0.69	
PKB4	57.1	7	Pg	14:53:32.09	-0.01	
			Sg	53:40.63	0.57	
PKS9	69.1	345	Pg	14:53:35.19	0.95	
PKB5	69.8	14	Pg	14:53:35.23	0.86	

1143.

2022-07-14 time: 5:40:41.04 UTC ML= 1.5
 lat: 46.766N lon: 22.860E h= 0.0 km
 erh= 2.0km erz= 2.3km
 nr= 6 gap=258 rms=0.30
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
DRGR	11.7	284	PgU	5:40:42.87	-0.26	
			Sg	40:45.06	0.30	
SIRR	107.5	239	Sg	5:41:15.04	-0.16	
GZR	152.7	182	Pn	5:41:07.13	0.01	
			Sn	41:27.48	0.02	
BZS	159.8	217	Sn	5:41:29.99	0.96	

1144.

2022-07-14 time: 6:04:58.76 UTC ML= 1.4
 lat: 47.266N lon: 18.380E h= 0.0 km
 erh= 2.6km erz= 4.4km
 nr= 10 gap=113 rms=0.66
 Locality: Sárkeresztes
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKSG	14.0	3	PgU	6:05:01.98	0.72	
			Sg	05:03.13	-0.07	
CSKK	14.1	320	PgU	6:05:01.47	0.20	
			Sg	05:02.09	-1.14	
PKST	26.2	268	Pg	6:05:04.03	0.59	
			Sg	05:06.89	-0.20	
MORH	118.5	170	Sg	6:05:36.20	-0.23	
PKSM	118.9	170	Sg	6:05:35.73	-0.83	
PSZ	135.0	58	Sn	6:05:41.25	0.01	
VYHS	140.7	14	Sn	6:05:40.46	-2.05	

1145.

2022-07-14 time: 7:31:09.44 UTC ML= 1.4
 lat: 47.319N lon: 18.408E h= 0.0 km
 erh= 4.1km erz= 905km
 nr= 7 gap=181 rms=0.63
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKSG	8.2	351	PgU	7:31:10.96	0.06	
			Sg	31:11.28	-0.76	
CSKK	12.1	294	Pg	7:31:12.14	0.53	

Földrengés paraméterek

PKST	29.0	257	Sg	31:13.26	-0.04
		Pg	7:31:15.20	0.57	
MORH	124.0	172	Sg	31:18.05	-0.62
		Sg	7:31:47.03	-1.82	

1146.

2022-07-14 time: 7:35:54.99 UTC ML= 1.8
 lat: 48.572N lon: 19.381E h= 0.0 km
 erh= 3.2km erz= 4.5km
 nr= 12 gap=108 rms=0.90
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	41.2	258	Sg	7:36:06.73	-1.35
LANS	64.6	6	Pg	7:36:07.51	0.99
			Sg	36:15.26	-0.26
PSZ	82.1	152	Pg	7:36:10.41	0.76
			Sg	36:20.37	-0.72
KECS	82.2	97	Pg	7:36:09.73	0.07
			Sg	36:20.13	-0.97
NIE	116.2	36	Pg	7:36:16.06	0.32
			Sg	36:30.07	-1.86
ABAH	140.9	103	Pn	7:36:20.76	1.17
			Sn	36:37.72	-1.06
BSZH	156.2	155	Sn	7:36:41.32	-0.86

1147.

2022-07-14 time: 7:40:30.12 UTC ML= 1.3
 lat: 47.375N lon: 18.358E h= 0.0 km
 erh= 1.0km erz=57.7km
 nr= 5 gap=190 rms=0.07
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	3.1	53	PgU	7:40:30.67	0.00
			Sg	40:31.11	0.01
CSKK	7.5	260	Pg	7:40:31.44	-0.01
			Sg	40:32.38	-0.12
PKST	27.7	242	Sg	7:40:39.07	0.16

1148.

2022-07-14 time: 8:18:44.81 UTC ML= 1.6
 lat: 47.877N lon: 19.173E h= 0.0 km
 erh= 2.6km erz= 630km
 nr= 8 gap=200 rms=0.46
 Locality: Nótincs
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	12.6	140	PgU	8:18:46.90	-0.16
			Sg	18:47.88	-0.93
PSZ	54.2	85	Pg	8:18:55.28	0.80
			Sg	19:02.44	0.41
VYHS	73.0	340	Pg	8:18:57.87	0.02
			Sg	19:08.05	0.02
KECS	118.6	55	Pg	8:19:05.84	-0.16
			Sg	19:21.96	-0.56

1149.

2022-07-14 time: 8:58:59.13 UTC ML= 1.7
 lat: 48.431N lon: 17.222E h= 0.0 km
 erh= 1.5km erz= 553km
 nr= 11 gap=100 rms=0.45
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MODS	7.5	147	PgU	8:59:00.02	-0.45

Hypocenter Parameters

SMOL	17.8	59	Sg	59:01.33	-0.19
KRUC	92.9	319	Pg	8:59:02.24	-0.07
			Sg	59:05.23	0.44
SOP	96.7	211	Pg	8:59:15.07	-0.64
			Sg	59:28.85	0.20
RONA	106.7	220	Pg	8:59:18.41	0.24
			Sg	59:32.92	-0.11
CONA	115.6	241	Pg	8:59:20.45	0.68
			Sg	59:35.42	-0.45

1150.

2022-07-14 time: 9:14:38.11 UTC ML= 1.6
 lat: 48.758N lon: 20.784E h= 0.0 km
 erh= 4.9km erz= 7.2km
 nr= 9 gap=143 rms=0.92
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	37.6	216	Pg	9:14:45.50	0.66
			Sg	14:49.57	-0.51
ABAH	61.4	147	Pg	9:14:49.80	0.73
			Sg	14:56.38	-1.24
NIE	81.2	335	Sg	9:15:02.58	-1.34
PSZ	114.3	215	Pg	9:14:58.67	0.15
			Sg	15:12.81	-1.63
TRPA	147.4	118	Pn	9:15:04.62	1.10
			Sn	15:22.54	-0.81

1151.

2022-07-14 time: 9:36:30.74 UTC ML= 1.5
 lat: 47.323N lon: 18.446E h= 0.0 km
 erh= 1.5km erz= 6.7km
 nr= 9 gap=114 rms=0.45
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	8.7	331	PgU	9:36:32.51	0.21
			Sg	36:32.82	-0.70
CSKK	14.7	288	Pg	9:36:33.51	0.14
			Sg	36:34.99	-0.44
PKST	32.0	257	Pg	9:36:36.99	0.54
MORH	124.0	173	Sg	9:37:09.98	-0.18
PKSM	124.4	173	Sg	9:37:10.13	-0.16
PSZ	127.4	59	Sg	9:37:11.23	-0.01
VYHS	133.4	13	Sn	9:37:10.37	-2.51

1152.

2022-07-14 time: 9:39:43.88 UTC ML= 1.5
 lat: 47.870N lon: 19.118E h= 0.0 km
 erh= 1.7km erz= 516km
 nr= 8 gap=113 rms=0.37
 Locality: Szendehely
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	15.1	126	Pg	9:39:46.86	0.28
			Sg	39:48.23	-0.46
PSZ	58.3	85	Pg	9:39:54.61	0.31
			Sg	40:02.43	0.00
VYHS	72.5	343	Sg	9:40:07.05	0.13
PKST	106.1	230	Sg	9:40:17.11	-0.50
KECS	122.5	56	Pg	9:40:05.81	0.06
			Sg	40:21.57	-1.24

Hypocenter Parameters

1153.

2022-07-14 time: 9:47:48.86 UTC ML= 0.6
 lat: 47.963N lon: 16.072E h= 0.0 km
 erh= 3.5km erz= 989km
 nr= 6 gap=139 rms=0.59
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	16.2	256	Pg	9:47:51.93			0.18
			Sg	47:54.67			0.67
RONA	33.7	150	Pg	9:47:55.38			0.50
			Sg	47:59.22			-0.36
ARSA	89.3	208	Sg	9:48:16.31			-0.94
KRUC	124.5	11	Sg	9:48:27.44			-0.99

1154.

2022-07-14 time: 10:31:25.87 UTC ML= 1.6
 lat: 48.992N lon: 19.514E h= 0.0 km
 erh= 1.0km erz= 2.3km
 nr= 9 gap= 79 rms=0.27
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
LANS	17.9	349	Pg	10:31:29.32			0.25
			Sg	31:31.12			-0.45
VYHS	74.5	222	Pg	10:31:39.51			0.33
			Sg	31:49.23			-0.33
NIE	75.1	51	Pg	10:31:39.43			0.14
			Sg	31:49.63			-0.12
KECS	91.2	128	Sg	10:31:54.64			-0.22
PSZ	122.7	167	Sg	10:32:04.68			-0.20
MORC	167.6	301	Sn	10:32:15.34			-0.26

1155.

2022-07-14 time: 10:36:41.67 UTC ML= 2.0
 lat: 47.057N lon: 19.500E h= 0.0 km
 erh= 4.6km erz= 918km
 nr= 12 gap=198 rms=0.75
 Locality: Felsőlajos
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	25.8	268	Pg	10:36:47.59			1.33
			Sg	36:48.49			-1.36
PKB5	77.7	229	Pg	10:36:56.38			0.84
			Sg	37:06.80			0.44
PENC	83.2	349	Pg	10:36:56.82			0.30
PSZ	100.3	17	PgU	10:36:59.56			-0.02
			Sg	37:12.50			-1.04
PKS9	106.8	241	Pg	10:37:00.07			-0.67
MORH	114.2	215	Pg	10:37:02.17			0.12
			Sg	37:17.12			-0.83
PKSM	114.6	215	Pg	10:37:02.10			-0.04
			Sg	37:16.96			-1.15

1156.

2022-07-14 time: 11:47:00.90 UTC ML= 1.1
 lat: 47.854N lon: 16.027E h= 0.0 km
 erh= 2.1km erz= 637km
 nr= 7 gap=114 rms=0.42
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	14.9	304	Pg	11:47:03.78			0.23
			Sg	47:05.81			0.18
RONA	26.5	130	Pg	11:47:05.97			0.35
			Sg	47:09.65			0.34

Földrengés paraméterek

ARSA	77.0	209	Sg	11:47:24.44	-0.94
MODS	109.6	58	Pg	11:47:20.29	-0.18
			Sg	47:35.00	-0.73

1157.

2022-07-15	time:	7:10:30.24	UTC	ML= 1.7
lat:	48.416N	lon:	17.277E	h= 0.0 km
erh=	1.4km	erz=	459km	
nr=	11	gap=	134	rms=0.37
Locality:	Slovakia			
Comments:	probably explosion			

sta	dist	azm	phase	hr	mn	sec	res
MODS	4.6	180	PgU	7:10:31.49			0.42
			Sg	10:32.09			0.37
SMOL	15.7	46	Pg	7:10:33.05			0.01
			Sg	10:35.08			-0.14
ZST	27.6	208	Pg	7:10:34.66			-0.51
			Sg	10:38.75			-0.27
KRUC	96.8	318	Pg	7:10:47.63			0.10
			Sg	11:01.26			0.24
RONA	108.1	223	Pg	7:10:50.01			0.47
CONA	118.4	243	Pg	7:10:51.06			-0.32
			Sg	11:06.93			-0.94

1158.

2022-07-15	time:	8:39:02.12	UTC	ML= 1.3
lat:	48.608N	lon:	20.770E	h= 0.0 km
erh=	4.9km	erz=	3.0km	
nr=	6	gap=	207	rms=0.64
Locality:	Slovakia			
Comments:	probably explosion			

sta	dist	azm	phase	hr	mn	sec	res
KECS	25.2	237	Pg	8:39:07.18			0.57
			Sg	39:09.69			-0.43
ABAH	49.1	135	Pg	8:39:11.25			0.37
			Sg	39:17.43			-0.29
TRPA	141.4	112	Sn	8:39:43.96			-2.07
VYHS	143.3	265	Sn	8:39:46.07			-0.38

1159.

2022-07-15	time:	10:00:29.65	UTC	ML= 1.5
lat:	48.146N	lon:	16.868E	h= 0.0 km
erh=	1.8km	erz=	2.3km	
nr=	9	gap=	171	rms=0.47
Locality:	Austria			
Comments:	probably explosion			

sta	dist	azm	phase	hr	mn	sec	res
MODS	39.6	50	Pg	10:00:36.91			0.19
			Sg	00:41.76			-0.47
RONA	65.5	221	Pg	10:00:42.00			0.66
			Sg	00:50.29			-0.17
CONA	78.9	252	Pg	10:00:44.19			0.46
			Sg	00:54.44			-0.28
KRUC	107.7	341	Sg	10:01:03.75			-0.14
ARSA	141.8	225	Pn	10:00:53.73			-0.63
			Sn	01:12.91			-0.72

1160.

2022-07-15	time:	10:30:54.03	UTC	ML= 2.0
lat:	48.890N	lon:	20.904E	h= 0.0 km
erh=	2.2km	erz=	3.1km	
nr=	16	gap=	72	rms=0.80
Locality:	Slovakia			
Comments:	probably explosion			

sta	dist	azm	phase	hr	mn	sec	res
KECS	54.8	214	Pg	10:31:04.17			0.37

Földrengés paraméterek

			Sg	31:11.06	-0.37
STHS	63.6	23	Pg	10:31:04.80	-0.58
			Sg	31:13.25	-0.99
ABAH	70.5	159	Pg	10:31:06.58	-0.04
			Sg	31:15.22	-1.22
NIE	72.9	324	Pg	10:31:07.94	0.89
			Sg	31:17.00	-0.21
KOLS	100.4	87	Pg	10:31:12.32	0.36
			Sg	31:25.77	-0.18
LANS	109.0	285	Pg	10:31:13.58	0.09
PSZ	131.4	215	Pn	10:31:18.04	0.59
			Sn	31:33.75	-1.96
VYHS	158.5	254	Sn	10:31:40.01	-1.72
OJC	168.1	332	Pn	10:31:23.52	1.49
			Sn	31:43.47	-0.39

1161.

2022-07-15 time: 11:44:45.78 UTC ML= 1.4
lat: 48.913N lon: 20.637E h= 0.0 km
erh= 4.8km erz= 8.3km
nr= 9 gap=170 rms=1.00
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	49.1	193	Pg	11:44:55.27	0.73		
			Sg	45:01.46	0.08		
NIE	61.0	337	Pg	11:44:57.31	0.64		
			Sg	45:03.93	-1.24		
ABAH	81.7	147	Pg	11:45:00.36	-0.01		
			Sg	45:10.21	-1.55		
PSZ	123.5	206	Pg	11:45:09.05	1.22		
			Sg	45:24.00	-1.03		
VYHS	140.5	251	Sn	11:45:27.22	-2.26		

1162.

2022-07-15 time: 12:36:27.94 UTC ML= 1.2
lat: 47.590N lon: 18.520E h= 0.0 km
erh= 5.0km erz= 3.8km
nr= 9 gap=163 rms=0.46
Locality: Tarján
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	24.1	204	Pg	12:36:32.72	0.48		
			Sg	36:35.54	-0.06		
CSKK	31.9	218	Pg	12:36:34.13	0.49		
			Sg	36:37.65	-0.44		
PKST	51.9	225	Sg	12:36:44.07	-0.38		
VYHS	103.3	13	Pg	12:36:46.03	-0.35		
			Sg	37:01.36	0.59		
MORH	153.0	176	Sn	12:37:13.73	-0.70		
PKSM	153.5	177	Sn	12:37:13.96	-0.57		

1163.

2022-07-16 time: 0:21:40.98 UTC ML= 2.3
lat: 46.213N lon: 16.677E h= 10.3 km
erh= 1.3km erz= 1.2km
nr= 59 gap= 65 rms=0.72
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	29.6	15	PgD	0:21:46.65	0.07		
			Sg	21:50.87	-0.07		
KOGS	42.0	309	Pg	0:21:48.66	-0.04		
			Sg	21:54.23	-0.50		
PTJ	65.6	238	PgU	0:21:52.88	0.04		
			Sg	22:01.73	-0.36		
ZAG	68.0	231	Pg	0:21:54.13	0.87		
			Sg	22:03.67	0.84		
GOLS	84.4	255	ePg	0:21:56.17	0.00		

240

Hypocenter Parameters

GCIS	89.9	245	eSg	22:08.05	0.04
DOBS	93.5	266	ePg	0:21:57.18	0.04
GROS	94.6	287	eSg	22:09.65	-0.09
CRES	103.8	246	ePg	0:21:57.31	-0.47
KOVS	110.8	97	eSg	22:09.01	-1.88
TIH	120.5	51	PgU	0:21:57.03	-0.94
PKSV	127.1	106	Sg	22:10.35	-0.88
KOVS	128.8	291	P*	0:21:59.49	-0.07
			S*	22:13.62	-0.43
KOVS	130.0	71	Pn	0:22:00.31	-0.20
			Sn	22:14.09	-1.66
KOVS	136.5	292	Pn	0:22:01.52	-0.21
			Sn	22:18.55	-1.47
EGYH	142.9	20	Pn	0:22:04.45	0.73
			Sn	22:21.46	0.00
ARSA	145.2	323	Pn	0:22:05.48	0.96
			Sn	22:23.60	0.72
PKSM	151.6	90	Pn	0:22:05.27	0.46
			Sn	22:22.92	-0.47
PKB4	151.6	78	Pn	0:22:05.03	-0.57
			Sn	22:25.89	1.09
MORH	151.8	90	Pn	0:22:07.01	1.41
			Sn	22:26.08	1.27
PKST	155.8	42	Pn	0:22:05.03	-0.60
SOP	163.7	357	Pn	0:22:07.78	0.67
PKB5	163.9	75	Pn	0:22:06.23	-0.91
			Sn	22:29.36	1.82
OBKA	167.1	281	Pn	0:22:08.68	1.15
			Sn	22:27.83	-0.41
BLY	167.5	166	Pn	0:22:08.40	0.82
			Sn	22:31.57	3.24*
RONA	167.8	350	Sn	0:22:28.20	-0.20
PKB1	174.4	69	Pn	0:22:09.32	0.88
			Sn	22:32.34	2.48
CSKK	176.0	43	Pn	0:22:08.98	0.34
PKSG	185.2	45	Pn	0:22:10.04	0.25
PKS2	197.7	81	Pn	0:22:11.58	0.23
SRO	217.1	35	eSn	0:22:39.80	0.45
MYKA	237.9	281	Pn	0:22:17.97	1.61
			Sn	22:43.51	-0.45
BIOA	283.8	305	Pn	0:22:23.98	1.90
			Sn	22:54.30	0.16
VYHS	301.6	33	ePn	0:22:23.80	-0.50*
			eSn	22:54.80	-3.29*
KHC	399.3	324	ePn	0:22:38.00	1.51*
			eSn	23:18.40	-1.38*

1164.

2022-07-16 time: 0:49:57.68 UTC ML= 1.0
lat: 46.268N lon: 16.674E h= 16.7 km
erh= 0.1km erz= 0.1km
nr= 5 gap=201 rms=0.00
Locality: Croatia
Comments:

BEHE	23.9	19	Pg	0:50:02.89	0.00
			Sg	50:06.94	0.00
KOGS	38.3	302	Pg	0:50:05.14	0.00
			Sg	50:10.96	0.00
KOVS	111.9	100	Sn	0:50:31.23	0.00

Hypocenter Parameters

1165.

2022-07-16 time: 2:18:38.95 UTC ML= 1.4
 lat: 46.245N lon: 16.663E h= 10.0 km
 erh= 5.8km erz= 5.8km
 nr= 8 gap=145 rms=0.39
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	26.5	19	PgU	2:18:43.99			-0.01
			Sg	18:48.07			0.12
KOGS	39.0	305	Pg	2:18:46.04			-0.10
			Sg	18:51.52			-0.22
CRES	104.4	244	P*	2:18:57.89			0.26
			S*	19:11.98			-0.23
KOVH	112.3	99	Sn	2:19:12.65			-1.47
PKSM	152.7	91	Sn	2:19:24.03			0.96

1166.

2022-07-16 time: 3:03:39.40 UTC ML= 2.0
 lat: 46.226N lon: 16.659E h= 9.1 km
 erh= 1.6km erz= 1.4km
 nr= 48 gap= 63 rms=0.82
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	28.6	18	PgD	3:03:44.80			0.05
			Sg	03:49.06			0.13
KOGS	40.0	308	Pg	3:03:47.03			0.31
			Sg	03:52.17			-0.25
PTJ	65.2	236	Pg	3:03:51.22			0.07
			Sg	03:59.91			-0.41
ZAG	67.8	229	Sg	3:04:01.61			0.47
GOLS	83.4	253	ePg	3:03:54.42			0.04
			eSg	04:06.20			0.13
GCIS	89.2	243	ePg	3:03:56.07			0.66
			eSg	04:07.96			0.06
DOBS	92.2	265	ePg	3:03:55.70			-0.24
			eSg	04:07.89			-0.96
GROS	92.8	286	Pg	3:03:55.64			-0.41
			Sg	04:07.99			-1.04
CRES	103.1	244	Pg	3:03:58.10			0.22
			Sg	04:12.40			0.10
KOVH	112.4	98	Pn	3:03:58.25			-1.03
			Sn	04:12.66			-2.13
TIH	120.7	52	Pn	3:04:00.16			-0.16
PERS	127.0	291	Pn	3:04:01.16			0.06
			Sn	04:17.23			-0.79
PKSV	128.9	107	Sn	3:04:17.66			-0.80
SOKA	134.6	292	Sn	3:04:20.31			0.58
EGYH	142.0	21	Sn	3:04:19.47			-1.90
ARSA	143.2	323	Pn	3:04:04.02			0.90
			Sn	04:20.21			-1.41
PKB4	152.7	79	Pn	3:04:05.43			1.12
			Sn	04:24.16			0.42
PKSM	153.0	91	Pn	3:04:03.17			-1.17
MORH	153.2	90	Pn	3:04:02.97			-1.40
			Sn	04:24.62			0.77
PKST	155.7	42	Pn	3:04:03.87			-0.81
			Sn	04:26.04			1.64
PKB5	164.9	76	Sn	3:04:27.42			0.98
OBKA	165.4	281	Pn	3:04:06.53			0.64
			Sn	04:27.01			0.46
RONA	166.1	350	Pn	3:04:07.19			1.21
			Sn	04:28.03			1.31
BLY	169.2	166	Pn	3:04:09.15			2.78
PKB1	175.1	69	Sn	3:04:30.67			1.95
CONA	198.7	342	Pn	3:04:10.60			0.56
			Sn	04:33.99			0.05
WINA	213.8	348	Pn	3:04:12.11			0.18
			Sn	04:36.70			-0.60
MOA	256.2	315	Pn	3:04:18.16			0.95

Földrengés paraméterek

	Sn	04:46.06	-0.65		
ABNA	287.1	341	Pn	3:04:21.59	0.53

1167.

2022-07-16 time: 8:06:33.99 UTC ML= 1.1
 lat: 46.184N lon: 18.275E h= 0.0 km
 erh= 0.9km erz= 5.9km
 nr= 12 gap=120 rms=0.33
 Locality: Komló
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	17.2	232	PgU	8:06:37.20			0.13
			Sg	06:39.70			0.24
PKSM	28.5	84	PgU	8:06:39.15			0.08
			Sg	06:42.99			-0.05
MORH	28.7	83	Pg	8:06:39.23			0.11
			Sg	06:43.30			0.18
PKSV	32.9	183	Pg	8:06:39.78			-0.09
			Sg	06:43.92			-0.54
PKS9	44.8	0	Sg	8:06:48.93			0.71
PKB1	77.6	31	Sg	8:06:58.48			-0.19
PKST	120.9	351	Sg	8:07:11.70			-0.71
PKSG	134.5	4	Sn	8:07:14.83			-1.54

1168.

2022-07-16 time: 10:21:03.73 UTC ML= 1.5
 lat: 46.814N lon: 22.633E h= 0.0 km
 erh= 2.6km erz= 2.3km
 nr= 7 gap=242 rms=0.30
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	6.5	113	Pg	10:21:04.66			-0.22
			Sg	21:06.23			0.45
SIRR	96.3	231	Pg	10:21:20.86			-0.07
			Sg	21:34.64			0.30
DEV	105.6	169	Sg	10:21:36.67			-0.61
GZR	158.4	176	Pn	10:21:30.80			0.29
			Sn	21:51.31			-0.08

1169.

2022-07-17 time: 1:15:57.96 UTC ML= 1.8
 lat: 46.221N lon: 16.655E h= 7.9 km
 erh= 1.5km erz= 1.3km
 nr= 37 gap= 68 rms= 0.67
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	29.2	19	PgD	1:16:03.45			0.08
			Sg	16:07.70			0.11
KOGS	40.1	309	Pg	1:16:05.25			-0.01
			Sg	16:11.05			0.10
PTJ	64.6	237	Sg	1:16:18.56			-0.09
ZAG	67.2	230	Sg	1:16:20.11			0.65
GOLS	83.0	254	iPg	1:16:13.00			0.16
DOBS	91.9	265	iPg	1:16:14.22			-0.21
GROS	92.7	287	Pg	1:16:14.14			-0.43
			Sg	16:26.45			-1.08
CRES	102.6	245	Pg	1:16:16.77			0.43
			Sg	16:30.53			-0.14
KOVH	112.6	98	Pn	1:16:17.84			-0.19
			Sn	16:31.87			-1.81
TIH	121.3	52	Pn	1:16:18.26			-0.85
PERS	126.9	291	Pn	1:16:19.75			-0.06
			Sn	16:35.83			-1.02
SOKA	134.6	292	Pn	1:16:21.39			0.62
			Sn	16:38.71			0.15
ARSA	143.5	323	Pn	1:16:22.16			0.29
			Sn	16:39.78			-0.75

Földrengés paraméterek

PKB4	153.1	78	Pn	1:16:23.92	0.84
			Sn	16:42.98	0.31
PKSM	153.3	90	Pn	1:16:21.83	-1.27
			Sn	16:43.37	0.66
MORH	153.5	90	Pn	1:16:22.03	-1.10
			Sn	16:43.28	0.52
PKST	156.3	42	Pn	1:16:23.94	0.46
OBKA	165.2	281	Pn	1:16:25.52	0.94
			Sn	16:45.21	-0.14
PKB5	165.3	75	Sn	1:16:46.58	1.20
RONA	166.7	351	Pn	1:16:26.70	1.93
			Sn	16:45.66	-0.02
BLY	168.7	166	Sn	1:16:46.16	0.02
PKSG	185.8	46	Pn	1:16:29.99	2.84
WINA	214.3	348	Pn	1:16:30.41	-0.30
MOA	256.4	315	Pn	1:16:36.08	0.12

1170.

2022-07-17 time: 22:01:21.48 UTC ML= 1.1
lat: 47.758N lon: 18.235E h= 8.6 km
erh= 2.4km erz= 2.4km
nr= 17 gap=120 rms=0.76
Locality: Slovakia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
SRO	8.5	44	Pg	22:01:23.26	-0.38		
			Sg	01:25.66	0.33		
PKSG	42.3	164	Pg	22:01:29.32	0.13		
			Sg	01:35.06	-0.15		
CSKK	43.9	177	Pg	22:01:29.42	-0.05		
			Sg	01:35.26	-0.45		
PKST	57.5	195	Pg	22:01:30.88	-0.98		
			Sg	01:38.92	-1.03		
EGYH	77.8	241	Pg	22:01:36.73	1.28		
			Sg	01:46.85	0.50		
VYHS	93.3	29	Pg	22:01:38.61	0.40		
			Sg	01:50.71	-0.55		
SMOL	103.3	324	Sg	22:01:52.90	-1.52		
SOP	126.1	266	Sn	22:01:58.99	-1.02		
RONA	145.6	267	Sn	22:02:04.48	0.14		
MORH	174.2	170	Pn	22:01:50.40	1.27		
PKSM	174.6	170	Pn	22:01:50.19	1.01		

1171.

2022-07-18 time: 6:53:30.51 UTC ML= 1.1
lat: 45.846N lon: 18.424E h= 0.0 km
erh= 1.1km erz= 167km
nr= 8 gap=267 rms=0.12
Locality: Nagyharsány
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	14.2	290	Pg	6:53:32.86	-0.18		
			Sg	53:35.16	0.14		
KOVH	36.9	317	Pg	6:53:37.19	0.10		
			Sg	53:42.15	-0.08		
PKSM	44.0	22	Pg	6:53:38.39	0.02		
			Sg	53:44.39	-0.11		
MORH	44.5	22	Pg	6:53:38.60	0.14		
			Sg	53:44.55	-0.11		

1172.

2022-07-18 time: 7:01:12.04 UTC ML= 1.1
lat: 48.081N lon: 20.715E h= 0.0 km
erh= 3.3km erz= 709km
nr= 6 gap=195 rms=0.47
Locality: Miskolctapolca
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	45.8	58	Pg	7:01:20.66	0.45		

Hypocenter Parameters

PKB4	153.1	78	Pn	1:16:23.92	0.84	Sg	01:26.19	-0.39
			Sn	16:42.98	0.31	Pg	7:01:20.45	-0.14
KECS	153.3	90	Pn	1:16:21.83	-1.27	Sg	01:26.81	-0.45
			Sn	16:43.37	0.66	Pg	7:01:23.94	0.50
PSZ	153.5	90	Pn	1:16:22.03	-1.10	Sg	01:31.46	-0.87

1173.

2022-07-18 time: 10:54:07.66 UTC ML= 1.8
lat: 47.103N lon: 19.339E h= 0.0 km
erh= 3.7km erz= 5.2km
nr= 14 gap=184 rms=0.56
Locality: Tatárszentgyörgy
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res	
PKS7	14.9	245	PgU	10:54:10.63	0.32	Sg	54:11.84	-0.55
						Pg	10:54:17.41	-0.01
PKB1	54.7	230	Pg	10:54:21.77	1.10	Sg	54:31.64	0.83
						Pg	10:54:23.63	0.30
PENC	76.6	357	Pg	10:54:21.73	0.40	Sg	54:35.17	-0.38
PKB4	87.7	220	Pg	10:54:27.32	-0.35	Sg	54:42.09	-1.18
						Pg	10:54:27.45	-0.31
MORH	112.0	208	Pg	10:54:27.32	-0.35	Sg	54:42.69	-0.74
						Pg	10:54:33.31	0.23

1174.

2022-07-18 time: 13:18:42.11 UTC ML= 1.6
lat: 46.320N lon: 22.998E h= 0.0 km
erh= 3.3km erz= 3.4km
nr= 8 gap=212 rms=0.50
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res	
DRGR	56.8	337	Pg	13:18:51.96	-0.29	Sg	18:59.42	-0.74
						Pg	13:19:01.25	0.69
SIRR	103.3	267	Sg	19:15.13	0.18	Sg	19:15.13	0.18
GZR	104.5	189	Pg	13:19:01.07	0.30	Sg	19:14.53	-0.79
BZS	132.6	234	Pn	13:19:05.94	0.26	Sn	19:23.42	-0.64

1175.

2022-07-19 time: 7:06:33.73 UTC ML= 1.2
lat: 48.554N lon: 19.300E h= 0.0 km
erh= 4.4km erz= ***km
nr= 8 gap=111 rms=1.07
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res	
VYHS	34.9	259	Pg	7:06:40.32	0.36	Sg	06:44.70	-0.12
						Pg	7:06:54.96	-0.23
LANS	67.5	11	Sg	7:06:50.54	1.94	Sg	06:59.27	-0.93
PSZ	83.3	148	Pg	7:06:59.49	-1.21	Sg	06:59.49	-0.04
						Pg	06:59.89	-1.79
PENC	84.9	181	Sg	7:06:49.39	-0.04			
KECS	87.9	95	Sg	06:59.89	-1.79			

Hypocenter Parameters

Földrengés paraméterek

1176.

2022-07-19 time: 7:28:13.52 UTC ML= 1.0
 lat: 47.192N lon: 18.298E h= 0.0 km
 erh= 2.1km erz= 650km
 nr= 9 gap=149 rms=0.49
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	19.2	351	Pg	7:28:16.90			-0.06
			Sg	28:18.52			-1.12
PKST	21.3	290	Pg	7:28:17.58			0.25
			Sg	28:20.40			0.10
PKSG	23.3	17	Pg	7:28:18.05			0.37
			Sg	28:20.86			-0.06
MORH	111.7	166	Sg	7:28:49.33			0.30
PKSM	112.1	166	Sg	7:28:49.22			0.07
KOVH	123.6	187	Sg	7:28:50.68			-2.14

1177.

2022-07-19 time: 7:39:11.15 UTC ML= 1.7
 lat: 47.338N lon: 18.463E h= 0.0 km
 erh= 1.5km erz= 2.3km
 nr= 14 gap=115 rms=0.54
 Locality: Lovasberény
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	8.1	318	Pg	7:39:12.57			-0.02
			Sg	39:13.40			-0.32
CSKK	15.5	280	Pg	7:39:14.29			0.37
			Sg	39:16.17			0.08
PKST	33.6	255	Pg	7:39:17.21			0.07
			Sg	39:22.22			0.40
PSZ	125.5	59	Pg	7:39:33.07			-0.48
			Sg	39:51.75			0.72
MORH	125.5	174	Sg	7:39:50.81			-0.24
PKSM	125.9	174	Sg	7:39:50.29			-0.89
VYHS	131.5	12	Pn	7:39:35.47			0.89
			Sn	39:51.65			-1.21
KOVH	141.7	191	Sn	7:39:54.88			-0.23
MODS	145.4	322	Sn	7:39:52.48			-3.45*

1178.

2022-07-19 time: 8:03:13.97 UTC ML= 1.3
 lat: 48.550N lon: 20.792E h= 0.0 km
 erh= 2.5km erz= 3.6km
 nr= 10 gap=130 rms=0.99
 Locality: Bódvalenke
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	23.8	252	Pg	8:03:18.69			0.48
			Sg	03:21.46			-0.06
ABAH	43.5	130	Pg	8:03:21.93			0.19
			Sg	03:27.87			0.06
PSZ	96.8	224	Pg	8:03:31.73			0.48
			Sg	03:44.46			-0.27
NIE	102.8	340	Pg	8:03:33.72			1.39
			Sg	03:45.20			-1.45
TRPA	137.7	110	Sn	8:03:55.11			-1.94
VYHS	144.6	268	Sn	8:03:56.57			-2.01

1179.

2022-07-19 time: 9:31:14.73 UTC ML= 1.7
 lat: 48.364N lon: 19.846E h= 0.0 km
 erh= 1.7km erz= 685km
 nr= 13 gap= 95 rms=0.57
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	49.2	74	Pg	9:31:24.10			0.58
			Sg	31:30.26			-0.11
PSZ	49.7	176	Pg	9:31:24.00			0.40
			Sg	31:30.57			0.05
VYHS	76.1	281	Pg	9:31:28.85			0.53
			Sg	31:38.51			-0.41
PENC	76.4	213	Pg	9:31:28.54			0.18
			Sg	31:38.04			-0.96
ABAH	103.6	94	Pg	9:31:33.28			0.04
			Sg	31:45.91			-1.76
A338	117.6	251	Sg	9:31:51.18			-0.93
NIE	122.2	16	Pg	9:31:36.78			0.22
			Sg	31:52.43			-1.15

1180.

2022-07-19 time: 11:05:08.88 UTC ML= 2.0
 lat: 47.104N lon: 19.325E h= 0.0 km
 erh= 4.6km erz= 765km
 nr= 11 gap=182 rms=0.72
 Locality: Tatárszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	14.0	243	PgU	11:05:12.14			0.76
			Sg	05:13.60			0.28
PENC	76.4	358	Pg	11:05:23.56			1.03
PKB4	87.1	219	Pg	11:05:24.97			0.53
PKS9	98.3	234	Pg	11:05:26.17			-0.27
PSZ	100.2	25	PgU	11:05:26.22			-0.55
			Sg	05:39.69			-1.04
MORH	111.6	208	Pg	11:05:28.93			0.11
			Sg	05:42.72			-1.64
PKSM	112.1	208	Pg	11:05:28.93			0.03
			Sg	05:43.19			-1.33

1181.

2022-07-20 time: 7:10:10.21 UTC ML= 1.4
 lat: 48.045N lon: 20.650E h= 0.0 km
 erh= 7.9km erz= ***km
 nr= 5 gap=198 rms=0.68
 Locality: Kisgyőr
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	50.2	346	Pg	7:10:19.80			0.62
			Sg	10:25.42			-0.76
ABAH	52.0	58	Sg	7:10:25.97			-0.77
PSZ	58.1	256	Pg	7:10:21.13			0.54
			Sg	10:27.85			-0.83

1182.

2022-07-20 time: 7:57:03.25 UTC ML= 1.4
 lat: 48.435N lon: 18.732E h= 0.0 km
 erh= 6.6km erz= ***km
 nr= 6 gap=217 rms=0.99
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	10.1	50	PgU	7:57:04.08			-0.98
			Sg	57:04.91			-1.56
PENC	82.5	150	Sg	7:57:29.48			-0.01
PSZ	103.8	124	Pg	7:57:23.07			1.28
			Sg	57:36.81			0.56
PKSG	118.8	192	Sg	7:57:41.35			0.34

Földrengés paraméterek

1183.

2022-07-20 time: 7:58:07.77 UTC ML= 1.8
 lat: 48.426N lon: 19.068E h= 0.0 km
 erh= 1.9km erz= 2.7km
 nr= 18 gap= 86 rms=0.95
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	18.7	294	Pg	7:58:11.61		0.49	
			Sg	58:13.59		-0.14	
A338	70.1	229	Pg	7:58:21.29		1.00	
			Sg	58:30.76		0.70	
PENC	72.5	167	Sg	7:58:30.68		-0.12	
PSZ	83.5	133	Pg	7:58:24.41		1.73	
			Sg	58:33.67		-0.63	
LANS	85.7	20	Pg	7:58:23.79		0.71	
			Sg	58:34.40		-0.62	
KECS	105.0	87	Pg	7:58:26.47		-0.06	
			Sg	58:39.81		-1.35	
PKSG	125.7	204	Pg	7:58:30.21		0.00	
			Sg	58:45.85		-1.87	
MODS	132.7	267	Sn	7:58:48.01		-1.74	
NIE	143.2	40	Pn	7:58:32.84		0.18	
			Sn	58:50.92		-1.16	
PKST	151.1	211	Sn	7:58:52.38		-1.45	
ABAH	161.6	95	Sn	7:58:54.67		-1.48	

1184.

2022-07-20 time: 8:01:01.92 UTC ML= 0.8
 lat: 47.186N lon: 18.301E h= 0.0 km
 erh= 2.4km erz= 605km
 nr= 7 gap=150 rms=0.41
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	19.9	351	Pg	8:01:05.88		0.40	
			Sg	01:07.99		-0.26	
PKST	21.8	292	Pg	8:01:06.12		0.32	
			Sg	01:08.35		-0.48	
PKSG	23.9	17	Pg	8:01:06.38		0.20	
			Sg	01:09.03		-0.47	
PKSM	111.4	166	Sg	8:01:36.46		-0.86	

1185.

2022-07-20 time: 9:03:11.44 UTC ML= 1.2
 lat: 48.018N lon: 20.346E h= 0.0 km
 erh= 4.1km erz= 770km
 nr= 6 gap=187 rms=0.45
 Locality: Mónosbél
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	35.5	252	Pg	9:03:17.89		0.12	
			Sg	03:22.16		-0.56	
KECS	52.8	11	Pg	9:03:21.17		0.30	
			Sg	03:27.91		-0.31	
ABAH	73.3	65	Pg	9:03:24.93		0.40	
			Sg	03:33.70		-1.05	

1186.

2022-07-20 time: 9:20:33.60 UTC ML= 1.4
 lat: 48.590N lon: 20.767E h= 0.0 km
 erh= 3.4km erz= 8.6km
 nr= 11 gap= 91 rms=1.16
 Locality: Slovakia
 Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
KECS	23.9	240	Pg	9:20:37.69		-0.18	
			Sg	20:40.78		-0.42	
ABAH	47.9	133	Pg	9:20:42.76		0.61	
			Sg	20:48.25		-0.56	
NIE	98.0	340	Pg	9:20:53.03		1.93	
			Sg	21:04.48		-0.27	
PSZ	98.8	221	Pg	9:20:52.20		0.95	
			Sg	21:04.59		-0.43	
LANS	113.9	303	Sg	9:21:08.07		-1.73	
KOLS	117.2	71	Sg	9:21:08.91		-1.93	
VYHS	143.0	266	Sn	9:21:15.57		-2.28	

1187.

2022-07-20 time: 11:27:25.94 UTC ML= 1.4
 lat: 48.685N lon: 18.641E h= 0.0 km
 erh= 3.1km erz= 3.5km
 nr= 14 gap= 83 rms=1.03
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	25.7	146	Pg	11:27:31.88		1.36	
			Sg	27:34.33		0.23	
LANS	79.7	50	Sg	11:27:51.04		-0.22	
MODS	106.5	251	Sg	11:27:58.74		-1.06	
PENC	110.3	154	Sg	11:27:59.99		-1.00	
KECS	137.9	99	Pn	11:27:50.62		0.45	
			Sn	28:07.38		-1.69	
PKSG	145.0	187	Sn	11:28:09.51		-1.14	
MORC	145.4	327	Pn	11:27:51.40		0.30	
			Sn	28:09.56		-1.17	
NIE	146.9	56	Pn	11:27:52.29		1.00	
			Sn	28:10.39		-0.68	
CSKK	149.7	191	Sn	11:28:10.39		-1.30	
PKST	164.9	196	Sn	11:28:17.00		1.94	

1188.

2022-07-20 time: 11:40:14.89 UTC ML= 1.7
 lat: 46.307N lon: 21.673E h= 0.0 km
 erh= 6.7km erz= 4.0km
 nr= 8 gap=223 rms=0.92
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SIRR	4.5	193	Pg	11:40:16.18		0.48	
			Sg	40:16.63		0.30	
BZS	76.9	183	Pg	11:40:28.90		0.28	
			Sg	40:37.35		-1.98	
DRGR	96.1	56	Pg	11:40:32.58		0.52	
			Sg	40:44.40		-1.05	
GZR	132.9	140	Pn	11:40:39.13		0.63	
			Sn	40:54.39		-2.52	

1189.

2022-07-20 time: 11:41:07.56 UTC ML= 1.9
 lat: 47.104N lon: 19.348E h= 0.0 km
 erh= 4.0km erz= 638km
 nr= 11 gap=184 rms=0.51
 Locality: Tatárszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	15.6	246	Pg	11:41:10.57		0.23	
			Sg	41:11.94		-0.56	
PKB5	73.4	220	Pg	11:41:21.17		0.51	
			Sg	41:31.50		0.62	
PENC	76.5	356	Pg	11:41:21.87		0.65	
PKB4	88.3	220	Pg	11:41:23.72		0.40	
PSZ	99.5	24	PgU	11:41:24.73		-0.59	
PKS9	99.8	235	Pg	11:41:24.85		-0.53	

Hypocenter Parameters

MORH 112.5 209 Pg 11:41:27.36 -0.28
Sg 41:41.59 -1.72
PKSM 113.0 209 Pg 11:41:27.55 -0.18

1190.

2022-07-20 time: 11:43:15.46 UTC ML= 1.6
lat: 48.726N lon: 18.606E h= 0.0 km
erh= 4.5km erz= 4.5km
nr= 12 gap=132 rms=0.99
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	30.9	147	Pg	11:43:21.79		0.82	
			Sg	43:25.53		0.26	
PENC	115.5	154	Sg	11:43:50.51		-1.66	
PSZ	131.1	133	Pn	11:43:39.58		0.73	
			Sn	43:55.31		-1.77	
MORC	140.2	326	Pn	11:43:39.90		-0.08	
			Sn	43:57.69		-1.41	
KECS	141.2	101	Pn	11:43:39.69		-0.42	
			Sn	43:57.49		-1.84	
NIE	146.6	58	Pn	11:43:41.98		1.20	
PKST	168.6	195	Pn	11:43:44.37		0.85	
			Sn	44:04.98		-0.42	

1191.

2022-07-20 time: 23:21:57.17 UTC ML= 1.0
lat: 47.868N lon: 18.697E h= 3.3 km
erh= 2.1km erz=31.3km
nr= 12 gap=110 rms=0.63
Locality: Slovakia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
SRO	29.3	258	Pg	23:22:02.79		0.35	
			Sg	22:06.82		0.27	
PENC	44.6	101	Pg	23:22:05.37		0.21	
			Sg	22:10.85		-0.54	
PKSG	57.7	203	Pg	23:22:07.72		0.22	
			Sg	22:14.88		-0.67	
VYHS	70.4	8	Pg	23:22:10.18		0.44	
			Sg	22:18.35		-1.21	
PKST	84.1	216	Pg	23:22:12.22		0.02	
			Sg	22:22.70		-1.22	
PSZ	89.7	86	Pg	23:22:14.02		0.82	
			Sg	22:24.22		-1.49	

1192.

2022-07-21 time: 0:42:37.57 UTC ML= 1.0
lat: 48.375N lon: 22.153E h= 12.7 km
erh= 2.2km erz= 2.3km
nr= 8 gap=129 rms=0.49
Locality: Tiszabézded
Comments:

sta	dist	azm	phase	hr	mn	sec	res
TRPA	39.5	133	Pg	0:42:45.51		0.53	
			Sg	42:50.29		-0.46	
KOLS	62.7	8	Pg	0:42:49.13		0.13	
			Sg	42:57.20		-0.71	
ABAH	68.3	263	Pg	0:42:50.37		0.39	
			Sg	42:58.60		-1.06	
KECS	124.0	276	Sn	0:43:14.57		-0.14	
BMR	127.0	128	Sn	0:43:15.35		-0.03	

Földrengés paraméterek

1193.

2022-07-21 time: 7:34:56.65 UTC ML= 1.6
lat: 46.041N lon: 22.816E h= 0.0 km
erh= 2.4km erz= 702km
nr= 10 gap=165 rms=0.56
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	18.8	159	PgU	7:34:59.95		-0.05	
			Sg	35:02.61		-0.01	
GZR	72.1	182	Pg	7:35:09.50		-0.02	
			Sg	35:18.77		-0.78	
DRGR	83.8	354	Pg	7:35:12.24		0.63	
			Sg	35:22.10		-1.19	
SIRR	92.8	286	Pg	7:35:13.65		0.42	
			Sg	35:26.12		-0.04	
BZS	104.5	243	Pg	7:35:15.68		0.37	
			Sg	35:28.40		-1.46	

1194.

2022-07-21 time: 7:50:44.80 UTC ML= 2.0
lat: 48.231N lon: 21.252E h= 0.0 km
erh= 1.9km erz= 2.9km
nr= 14 gap=105 rms=0.61
Locality: Tállya
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	7.2	353	PgU	7:50:46.47		0.38	
			Sg	50:47.41		0.31	
KECS	63.3	296	Pg	7:50:56.41		0.30	
			Sg	51:03.84		-1.08	
TRPA	96.4	97	Pg	7:51:02.28		0.27	
			Sg	51:14.96		-0.47	
PSZ	107.0	251	Pg	7:51:04.16		0.26	
			Sg	51:17.81		-0.99	
KOLS	108.5	44	Pg	7:51:04.27		0.10	
			Sg	51:18.60		-0.68	
NIE	149.0	332	Sn	7:51:29.16		-1.22	
LANS	166.4	308	Sn	7:51:35.89		1.63	
DRGR	194.2	146	Pn	7:51:15.78		-0.26	
			Sn	51:42.23		1.81	

1195.

2022-07-21 time: 7:58:11.56 UTC ML= 1.9
lat: 47.308N lon: 18.413E h= 0.0 km
erh= 2.1km erz= 4.8km
nr= 9 gap=113 rms=0.67
Locality: Zámoly
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	9.4	349	PgU	7:58:13.58		0.33	
			Sg	58:13.98		-0.58	
CSKK	13.1	298	Pg	7:58:14.79		0.90	
			Sg	58:15.73		0.01	
PKST	29.2	259	Sg	7:58:19.86		-0.98	
MORH	122.7	172	Sg	7:58:50.69		0.12	
PKSM	123.1	172	Sg	7:58:50.93		0.23	
PSZ	130.4	59	Sg	7:58:52.65		-0.35	
VYHS	135.6	13	Sn	7:58:52.65		-1.52	

1196.

2022-07-21 time: 8:02:44.63 UTC ML= 1.4
lat: 48.564N lon: 20.784E h= 0.0 km
erh= 3.0km erz= 7.7km
nr= 9 gap= 91 rms=0.90
Locality: Tornanádaska
Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
KECS	23.8	248	Pg	8:02:48.78	-0.10		
			Sg	02:52.20	0.01		
ABAH	45.0	131	Pg	8:02:52.61	-0.06		
			Sg	02:59.08	0.13		
PSZ	97.6	223	Pg	8:03:02.40	0.35		
			Pg	8:03:04.25	1.57		
NIE	101.1	340	Sg	03:15.36	-1.40		
			Sg	03:15.36	-1.40		
KOLS	117.0	69	Sg	8:03:20.83	-0.98		
VYHS	144.1	267	Sn	8:03:26.89	-2.23		

1197.

2022-07-21 time: 8:52:04.22 UTC ML= 0.9
lat: 47.190N lon: 18.244E h= 0.0 km
erh= 2.7km erz= 697km
nr= 8 gap=159 rms=0.52
Locality: Csór
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	17.6	296	Pg	8:52:07.60	0.23		
			Sg	52:10.19	0.36		
CSKK	19.3	4	Pg	8:52:07.60	-0.07		
			Sg	52:09.64	-0.72		
PKSG	25.1	26	Pg	8:52:09.36	0.66		
			Sg	52:11.71	-0.48		
TIH	41.8	220	Sg	8:52:17.50	-0.01		
KOVH	122.9	185	Sg	8:52:41.92	-1.38		

1198.

2022-07-21 time: 10:30:08.92 UTC ML= 1.9
lat: 47.119N lon: 19.308E h= 0.0 km
erh= 5.9km erz= 852km
nr= 13 gap=180 rms=0.80
Locality: Örkény
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	13.7	234	PgU	10:30:11.78	0.42		
			Sg	30:13.36	0.09		
PKB1	54.1	227	Pg	10:30:18.45	-0.12		
			Pg	10:30:23.30	1.39		
PENC	74.7	359	Pg	10:30:23.38	1.13		
PKB4	87.6	218	Pg	10:30:25.10	0.53		
PKS9	98.3	233	Pg	10:30:26.27	-0.19		
PSZ	99.2	26	PgU	10:30:26.04	-0.60		
			Sg	30:39.07	-1.39		
MORH	112.5	207	Pg	10:30:28.61	-0.40		
PKSM	113.0	207	Sg	30:42.47	-2.21		
			Pg	10:30:28.86	-0.24		
			Sg	30:43.65	-1.19		

1199.

2022-07-21 time: 10:40:49.57 UTC ML= 1.4
lat: 48.358N lon: 19.819E h= 0.0 km
erh= 4.0km erz= ***km
nr= 5 gap=108 rms=0.55
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	49.2	173	Pg	10:40:58.69	0.34		
			Sg	41:04.48	-0.72		
KECS	51.2	74	Sg	10:41:06.52	0.67		
			Sg	10:41:13.25	0.05		
VYHS	74.3	282	Sg	10:41:27.96	-0.84		
NIE	123.4	17	Sg	10:41:27.96	-0.84		

1200.

2022-07-21 time: 11:15:13.98 UTC ML= 0.9
lat: 47.863N lon: 16.061E h= 0.0 km
erh= 2.3km erz= 6.9km
nr= 7 gap= 85 rms=0.73
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	16.6	296	Pg	11:15:17.24	0.30		
			Sg	15:19.51	0.26		
RONA	25.3	136	Pg	11:15:19.04	0.54		
			Sg	15:22.33	0.31		
ARSA	79.2	211	Sg	11:15:38.21	-0.94		
MODS	106.9	58	Sg	11:15:47.45	-0.51		
KRUC	135.6	11	Sn	11:15:53.79	-2.80		

1201.

2022-07-22 time: 6:04:05.32 UTC ML= 1.7
lat: 47.335N lon: 18.321E h= 0.0 km
erh= 2.2km erz= 3.0km
nr= 16 gap=108 rms=1.05
Locality: Csákberény
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	5.6	304	Pg	6:04:06.80	0.49		
			Sg	04:07.94	0.86		
PKSG	8.2	40	Pg	6:04:07.24	0.46		
			Sg	04:08.99	1.07		
PKST	23.3	249	Pg	6:04:09.26	-0.22		
			Sg	04:12.76	0.04		
PKS9	83.2	182	Pg	6:04:21.43	1.25		
			Sg	04:32.81	1.04		
MORH	126.9	169	Sg	6:04:43.79	-1.85		
PKSM	127.2	169	Sg	6:04:43.88	-1.88		
VYHS	134.5	17	Pn	6:04:29.44	0.32		
			Sn	04:45.91	-1.77		
PSZ	134.9	61	Pn	6:04:29.17	0.01		
			Sn	04:47.24	-0.53		
MODS	139.4	326	Sn	6:04:45.95	-2.83		
KOVH	139.6	187	Sn	6:04:46.80	-2.03		

1202.

2022-07-22 time: 6:29:22.43 UTC ML= 1.2
lat: 48.431N lon: 19.514E h= 0.0 km
erh= 2.3km erz= 678km
nr= 7 gap=124 rms=0.48
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	50.6	278	Pg	6:29:31.77	0.30		
			Sg	29:38.58	0.06		
PSZ	63.6	154	Pg	6:29:33.92	0.14		
			Sg	29:42.18	-0.46		
KECS	72.1	85	Pg	6:29:35.76	0.46		
			Sg	29:44.76	-0.59		
LANS	80.1	358	Sg	6:29:46.64	-1.26		

1203.

2022-07-22 time: 7:02:23.05 UTC ML= 1.5
lat: 47.857N lon: 19.355E h= 0.0 km
erh= 3.4km erz= ***km
nr= 7 gap=136 rms=0.67
Locality: Nógrádkővesd
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	9.2	217	Pg	7:02:25.14	0.45		

Hypocenter Parameters

		Sg	02:26.63	0.66
PSZ	40.9 80	Pg	7:02:30.74	0.38
		Sg	02:35.30	-0.76
VYHS	80.7 331	Sg	7:02:48.57	-0.12
PKSG	89.0 235	Sg	7:02:50.89	-0.46
PKST	119.6 236	Sg	7:02:59.11	-1.94

1204.

2022-07-22 time: 7:31:16.90 UTC ML= 1.1
lat: 47.478N lon: 18.675E h= 0.0 km
erh= 2.4km erz= 2.8km
nr= 12 gap=119 rms=0.70

Locality: Bicske

Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKSG	23.5	246	Pg	7:31:21.54	0.44	
			Sg	31:24.10	-0.28	
CSKK	33.8	248	Pg	7:31:23.44	0.50	
			Sg	31:26.55	-1.10	
PKST	54.2	243	Pg	7:31:27.14	0.56	
			Sg	31:34.39	0.26	
PSZ	103.8	62	Pg	7:31:35.96	0.53	
			Sg	31:49.99	0.11	
VYHS	113.6	6	Sg	7:31:52.24	-0.76	
MORH	140.4	181	Sn	7:31:59.68	-0.89	
PKSM	140.8	181	Sn	7:31:59.28	-1.39	
KOVH	160.7	196	Sn	7:32:03.19	-1.89	

1205.

2022-07-22 time: 9:04:54.08 UTC ML= 2.0
lat: 48.833N lon: 21.597E h= 0.0 km
erh= 2.4km erz= 4.4km
nr= 15 gap= 99 rms=0.83

Locality: Slovakia

Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
KOLS	50.9	77	Pg	9:05:03.54	0.38	
			Sg	05:09.62	-0.62	
ABAH	65.2	204	Pg	9:05:06.49	0.76	
			Sg	05:14.03	-0.78	
STHS	69.9	338	Pg	9:05:07.59	1.03	
			Sg	05:13.45	-2.85	
KECS	90.6	245	Pg	9:05:10.95	0.69	
			Sg	05:20.92	-1.96	
TRPA	104.6	138	Pg	9:05:12.31	-0.46	
			Sg	05:26.71	-0.63	
NIE	114.2	305	Pg	9:05:14.66	0.19	
			Sg	05:29.21	-1.16	
LANS	159.8	283	Pn	9:05:21.36	0.32	
PSZ	162.0	231	Pn	9:05:21.75	0.44	
			Sn	05:41.63	-0.92	

1206.

2022-07-22 time: 9:38:23.96 UTC ML= 1.0
lat: 48.818N lon: 20.073E h= 0.0 km
erh= 2.8km erz= 989km
nr= 7 gap=109 rms=0.65

Locality: Slovakia

Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
KECS	48.1	141	Pg	9:38:33.27	0.72	
			Sg	38:38.22	-1.03	
LANS	57.7	310	Sg	9:38:43.00	0.70	
NIE	69.0	15	Sg	9:38:45.35	-0.56	
VYHS	98.0	248	Sg	9:38:54.60	-0.52	
PSZ	100.9	188	Sg	9:38:55.62	-0.43	
ABAH	103.9	124	Sg	9:38:57.34	0.36	

Földrengés paraméterek

1207.

2022-07-22 time: 9:47:22.82 UTC ML= 1.5
lat: 48.823N lon: 20.139E h= 0.0 km
erh= 3.5km erz= ***km
nr= 9 gap=135 rms=0.83

Locality: Slovakia

Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
KECS	45.6	146	Pg	9:47:31.54	0.58	
			Sg	47:36.73	-0.59	
LANS	61.1	307	Pg	9:47:34.38	0.65	
			Sg	47:41.50	-0.75	
NIE	67.5	11	Sg	9:47:43.61	-0.66	
PSZ	102.2	190	Pg	9:47:42.14	1.08	
			Sg	47:53.94	-1.36	
VYHS	102.7	249	Pg	9:47:41.16	0.01	
			Sg	47:53.92	-1.53	

1208.

2022-07-23 time: 2:48:26.34 UTC ML= 1.1
lat: 45.987N lon: 16.032E h= 0.1 km
erh= 2.1km erz= 270km
nr= 6 gap=301 rms=0.16

Locality: Croatia

Comments:

sta	dist	azm	phase	hr mn	sec	res
PTJ	11.3	211	PgD	2:48:28.40	0.04	
			Sg	48:29.53	-0.40	
ZAG	17.9	190	Pg	2:48:29.60	0.07	
			Sg	48:31.79	-0.23	
CRES	48.1	248	Pg	2:48:34.96	0.02	
			Sg	48:41.89	0.25	

1209.

2022-07-23 time: 16:00:54.89 UTC ML= 3.4
lat: 47.441N lon: 16.917E h= 15.1 km
erh= 1.3km erz= 1.3km
nr= 85 gap= 36 rms=0.91

Locality: Iván

Comments: felt 4-5 EMS

sta	dist	azm	phase	hr mn	sec	res
EGYH	31.4	95	PgD	16:01:02.30	1.18	
			Sg	01:06.80	0.82	
SOP	38.2	315	PgD	16:01:02.21	-0.02	
			Sg	01:06.96	-0.98	
RONA	54.9	302	Pg	16:01:04.87	-0.19	
ZST	85.1	9	P*	16:01:09.53	-0.65	
			S*	01:21.46	-0.64	
PKST	86.8	103	P*	16:01:09.06	-1.37	
			S*	01:20.48	-2.07	
TIH	95.3	129	P*	16:01:11.47	-0.26	
			S*	01:23.38	-1.48	
CONA	96.0	304	P*	16:01:11.57	-0.26	
			S*	01:23.11	-1.93	
WINA	97.4	320	P*	16:01:12.53	0.48	
			S*	01:25.12	-0.31	
CSKK	101.8	95	Pn	16:01:12.30	-0.39	
			Sn	01:25.86	-0.70	
MODS	107.2	15	PnU	16:01:13.41	0.05	
			Sn	01:27.62	-0.14	
ARSA	107.4	259	Pn	16:01:12.97	-0.42	
			Sn	01:25.64	-2.17	
BEHE	108.4	186	Pn	16:01:14.00	0.49	
			Sn	01:27.58	-0.46	
PKSG	111.4	93	Pn	16:01:13.56	-0.32	
			Sn	01:28.09	-0.59	
SRO	112.8	68	Pn	16:01:13.19	-0.87	
			Sn	01:28.54	-0.48	
KOGS	121.4	205	Pn	16:01:14.42	-0.72	

Földrengés paraméterek

		Sn	01:29.68	-1.25	
A338	125.2	59	Pn	16:01:15.66	0.05
		Sn	01:31.74	-0.02	
SMOL	125.3	18	Pn	16:01:15.96	0.34
		Sn	01:31.34	-0.44	
PKS9	140.5	133	Pn	16:01:17.37	-0.14
		Sn	01:36.21	1.06	
GROS	153.2	225	PnD	16:01:18.84	-0.25
		Sn	01:39.04	1.07	
PBUD	158.0	89	Sn	16:01:41.88	2.83
BUD	158.9	88	Pn	16:01:19.79	-0.02
		Sn	01:39.50	0.25	
PKB1	159.9	117	Pn	16:01:19.78	-0.16
		Sn	01:41.76	2.29	
PERS	163.5	237	PnD	16:01:20.54	0.16
		Sn	01:42.37	2.11	
PKB4	165.8	129	Pn	16:01:20.35	-0.32
		Sn	01:43.59	2.81	
SOKA	166.4	239	PnD	16:01:20.90	0.16
		Sn	01:43.03	2.13	
PKB5	167.2	124	Pn	16:01:20.81	-0.03
		Sn	01:43.63	2.55	
KOVS	175.4	149	Pn	16:01:21.33	-0.53
		Sn	01:45.89	2.99	
PKS7	175.4	104	Pn	16:01:22.22	0.35
		Sn	01:46.83	3.92	
ABNA	175.9	321	Pn	16:01:22.99	1.07
		Sn	01:45.19	2.18	
PENC	182.0	78	Pn	16:01:26.55	3.86
KRUC	184.4	348	Pn	16:01:23.32	0.34
VYHS	185.1	51	Sn	16:01:49.91	4.86*
PTJ	186.3	203	Pn	16:01:23.28	0.05
		Sn	01:44.07	-1.25	
MORH	189.5	136	Pn	16:01:23.07	-0.55
PKSM	189.7	136	Pn	16:01:23.07	-0.57
		Sn	01:45.75	-0.32	
ZAG	192.6	202	Pn	16:01:24.52	0.51
PKB2	196.1	116	Sn	16:01:52.40	4.90*
PKSV	200.5	149	PnD	16:01:25.06	0.06
PKS2	204.1	121	Pn	16:01:25.60	0.16
MOA	204.3	283	Pn	16:01:27.01	1.54
		Sn	01:52.79	3.47	
PKB3	207.1	123	Pn	16:01:25.44	-0.37
OBKA	207.8	240	Pn	16:01:26.35	0.44
VRAC	209.1	353	PnC	16:01:27.08	1.02
		Sn	01:51.30	0.93	
PKS6	221.9	115	Pn	16:01:28.09	0.42
TREC	231.8	333	ePn	16:01:30.20	1.30
		eSn	01:58.40	2.98	
BIOA	248.3	276	Pn	16:01:32.96	2.01
MORC	263.9	10	Pn	16:01:33.62	0.73
		Sn	02:02.80	0.27	
MYKA	264.8	250	Pn	16:01:33.97	0.96
LANS	268.3	45	Pn	16:01:33.97	0.52
		Sn	02:03.97	0.45	
KBA	273.4	262	Pn	16:01:35.46	1.38
		Sn	02:04.48	-0.16	
KECS	290.6	66	Pn	16:01:36.54	0.31
KRLC	293.2	358	Pn	16:01:36.49	-0.06
BLY	299.9	176	Pn	16:01:37.52	0.13*
TRI	309.0	231	Pn	16:01:38.54	0.02*
LESA	319.9	270	Pn	16:01:41.39	1.51*
NIE	334.0	49	Pn	16:01:42.94	1.30*
		Sn	02:19.18	1.08*	
ABTA	343.2	257	Pn	16:01:44.07	1.28*
OJC	374.5	34	Pn	16:01:47.47	0.78*
SIRR	384.5	110	Pn	16:01:47.23	-0.71*
STHS	388.4	56	Sn	16:02:30.98	0.81*
WTTA	399.5	267	Pn	16:01:52.06	2.26*
WATA	403.4	268	Pn	16:01:52.41	2.11*
BZS	413.7	119	Pn	16:01:51.20	-0.38*
		Sn	02:35.46	-0.33*	
SQTA	432.2	267	Pn	16:01:56.08	2.20*
MOTA	439.0	269	Pn	16:01:56.43	1.69*
SURR	440.9	115	PnD	16:01:54.69	-0.28*

Hypocenter Parameters

DRGR	445.6	99	Pn	16:01:55.73	0.17*
RETA	464.1	271	Pn	16:01:59.63	1.77*
FETA	470.9	264	Pn	16:02:00.34	1.63*
MDVR	474.2	129	PnC	16:01:59.40	0.28*
MARR	478.8	100	PnD	16:01:59.78	0.08*
DEV	489.8	111	Sn	16:02:52.36	-0.32*
GZR	504.7	117	Pn	16:02:02.65	-0.28*
MEZ	506.8	76	Pn	16:02:03.40	0.21*
			Sn	02:57.08	0.63*
HERR	511.2	124	PnC	16:02:04.06	0.32*
DAVA	531.8	268	Pn	16:02:07.37	1.06*
RAKU	548.3	83	Sn	16:03:04.91	-0.74*
BOVS	564.6	139	PnD	16:02:10.36	-0.03*
BLKB	618.4	133	PnC	16:02:16.81	-0.29*
BURA	625.3	88	PnC	16:02:18.66	0.69*
VOIR	663.5	110	PnC	16:02:23.06	0.33*

1210.

2022-07-24 time: 2:03:16.49 UTC ML= 1.0
lat: 47.336N lon: 20.201E h= 12.4 km
erh= 1.2km erz= 0.8km
nr= 9 gap=119 rms=0.25
Locality: Jászladány
Comments:

sta	dist	azm	phase	hr	mn	sec	res
BSZH	6.5	129	Pg	2:03:18.79			-0.20
			Sg	03:21.19			0.24
PSZ	68.7	340	Pg	2:03:28.91			-0.04
			Sg	03:39.05			0.38
PKS7	85.1	248	Sg	2:03:43.99			0.17
PENC	85.6	306	Sg	2:03:43.33			-0.66
ABAH	132.1	36	Sn	2:03:55.45			-0.04
PKSG	136.9	273	Sn	2:03:56.75			0.20
SRO	151.6	290	Sn	2:03:59.83			0.01

1211.

2022-07-24 time: 2:20:55.89 UTC ML= 1.8
lat: 45.906N lon: 16.027E h= 6.6 km
erh= 1.0km erz= 0.8km
nr= 13 gap= 62 rms=0.26
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
PTJ	5.4	263	PgU	2:20:57.23			-0.18
			Sg	20:58.57			-0.03
ZAG	9.0	197	Pg	2:20:57.79			-0.08
			Sg	20:59.71			0.29
CRES	45.2	259	Pg	2:21:04.09			0.05
			Sg	21:10.52			0.12
KOGS	62.7	16	Pg	2:21:07.18			0.04
			Sg	21:16.01			0.10
BEHE	85.3	43	Sg	2:21:23.04			-0.03
PERS	107.2	319	Sg	2:21:28.04			-2.00*
ARSA	154.3	346	Sn	2:21:41.42			0.26
BLY	157.4	145	Sn	2:21:41.01			-0.83
KOVH	161.9	83	Sn	2:21:43.36			0.53

1212.

2022-07-25 time: 7:21:18.25 UTC ML= 1.7
lat: 47.922N lon: 20.129E h= 0.0 km
erh= 5.0km erz= ***km
nr= 8 gap=194 rms=0.73
Locality: Recsk
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	17.5	269	PgU	7:21:21.58			0.20
			Sg	21:23.77			-0.05
PENC	65.1	257	Sg	7:21:38.02			-0.92
KECS	67.8	23	Sg	7:21:40.13			0.33

Hypocenter Parameters

ABAH	92.6	63	Pg	7:21:35.51	0.73
			Sg	21:46.55	-1.13
VYHS	115.2	303	Pg	7:21:39.36	0.53
			Sg	21:53.21	-1.67

1213.

2022-07-25 time: 7:21:55.47 UTC ML= 1.7
lat: 48.016N lon: 20.076E h= 0.0 km
erh= 2.1km erz= 449km
nr= 5 gap=161 rms=0.20
Locality: Ivád
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PSZ	17.3	231	PgU	7:21:58.76		0.19
			Sg	22:00.54		-0.44
ABAH	92.0	70	Pg	7:22:12.00		0.09
			Sg	22:24.55		-0.18
VYHS	106.3	300	Sg	7:22:29.22		-0.04

1214.

2022-07-25 time: 7:43:20.55 UTC ML= 1.6
lat: 48.538N lon: 19.338E h= 0.0 km
erh= 2.6km erz= 4.6km
nr= 11 gap=134 rms=0.73
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
VYHS	37.4	263	Pg	7:43:27.44		0.20
			Sg	43:31.61		-0.84
PSZ	80.3	149	Pg	7:43:35.35		0.46
			Sg	43:46.10		0.02
PENC	83.2	183	Sg	7:43:46.41		-0.59
KECS	85.0	94	Pg	7:43:35.68		-0.05
			Sg	43:45.68		-1.88
NIE	121.2	36	Pg	7:43:43.34		1.14
			Sg	43:58.15		-0.93
ABAH	143.3	101	Pn	7:43:46.05		0.60
			Sn	44:04.00		-0.87

1215.

2022-07-25 time: 8:50:05.55 UTC ML= 1.3
lat: 47.901N lon: 16.446E h= 0.0 km
erh= 5.8km erz= ***km
nr= 9 gap=157 rms=1.25
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
RONA	25.0	207	Pg	8:50:09.83		-0.18
			Sg	50:13.77		0.28
CONA	43.8	274	Pg	8:50:14.37		1.01
			Sg	50:20.34		0.88
MODS	81.2	50	Pg	8:50:21.73		1.67
			Sg	50:31.17		-0.20
ARSA	100.2	224	Sg	8:50:36.20		-1.20
KRUC	129.2	358	Pg	8:50:27.31		-1.31
			Sg	50:43.40		-3.21

1216.

2022-07-25 time: 8:55:49.03 UTC ML= 0.9
lat: 47.187N lon: 18.218E h= 0.0 km
erh= 1.7km erz= 506km
nr= 8 gap=137 rms=0.36
Locality: Csór
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKST	16.1	300	Pg	8:55:51.66		-0.24

Földrengés paraméterek

ABAH	92.6	63	Sg	55:54.33	0.19
			Pg	8:55:52.66	0.07
VYHS	115.2	303	Sg	55:55.72	0.36
			Pg	8:55:53.86	0.13
CSKK	19.9	9	Sg	55:56.92	-0.47
MORH	112.7	163	Sg	8:56:25.48	0.61
PKSG	26.3	30	Sg	8:56:24.08	-0.91

1217.

2022-07-25 time: 8:59:27.47 UTC ML= 0.9
lat: 47.196N lon: 18.139E h= 0.0 km
erh= 3.5km erz= 383km
nr= 5 gap=270 rms=0.18
Locality: Pétfürdő
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKST	10.6	311	Sg	8:59:30.78		-0.06
CSKK	20.7	26	Pg	8:59:31.44		0.27
			Sg	59:33.87		-0.19
PKSG	28.9	41	Pg	8:59:32.49		-0.14
			Sg	59:36.70		0.04

1218.

2022-07-25 time: 10:00:19.80 UTC ML= 1.4
lat: 48.111N lon: 16.951E h= 0.0 km
erh= 4.8km erz= 958km
nr= 7 gap=187 rms=0.85
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
MODS	38.0	40	Pg	10:00:26.73		0.14
			Sg	00:32.26		0.38
RONA	67.0	227	Pg	10:00:32.06		0.30
			Sg	00:40.72		-0.37
CONA	83.8	256	Pg	10:00:35.71		0.95
			Sg	00:45.00		-1.43
KRUC	113.4	339	Sg	10:00:53.92		-1.95

1219.

2022-07-25 time: 11:10:23.77 UTC ML= 1.0
lat: 47.921N lon: 16.121E h= 0.0 km
erh= 2.2km erz= 637km
nr= 7 gap=121 rms=0.44
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
CONA	19.4	273	Pg	11:10:27.40		0.17
			Sg	10:29.17		-0.77
RONA	27.9	152	Pg	11:10:28.86		0.12
			Sg	10:32.09		-0.53
SOP	42.1	129	Sg	11:10:37.18		0.05
KRUC	128.5	9	Pg	11:10:47.35		0.64
			Sg	11:04.05		-0.56

1220.

2022-07-26 time: 5:58:38.64 UTC ML= 1.6
lat: 48.361N lon: 21.569E h= 0.0 km
erh= 5.7km erz= 7.1km
nr= 10 gap=170 rms=0.92
Locality: Károlyfalva
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
ABAH	25.5	253	Pg	5:58:43.33		0.14
			Sg	58:47.30		0.56
HOLU	63.1	73	Sg	5:58:58.04		-0.65
KECS	81.3	280	Pg	5:58:53.14		-0.02

Földrengés paraméterek

KOLS	82.1	39	Sg	59:03:26	-1.23
MUKU	83.4	83	Sg	5:59:03.57	-1.16
STZU	106.4	47	Pg	5:59:04.40	-0.76
			Sg	5:58:59.61	1.96
			Sg	59:12.02	-0.45
MEZ	144.9	83	Sn	5:59:23.81	0.48

1221.

2022-07-26 time: 8:00:05.16 UTC ML= 1.5
lat: 47.822N lon: 19.038E h= 0.0 km
erh= 1.0km erz= 115km
nr= 6 gap=248 rms=0.08
Locality: Verőce
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	18.6	101	Pg	8:00:08.45	-0.03		
			Sg	00:11.11	0.04		
PSZ	65.0	81	Pg	8:00:16.85	0.09		
			Sg	00:25.69	-0.13		
VYHS	76.2	349	Pg	8:00:18.83	0.06		
			Sg	00:29.24	-0.15		

1222.

2022-07-26 time: 9:22:31.82 UTC ML= 1.3
lat: 48.470N lon: 19.545E h= 0.0 km
erh= 3.1km erz= 667km
nr= 7 gap=176 rms=0.45
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	52.5	273	Pg	9:22:41.49	0.30		
			Sg	22:48.12	-0.37		
PSZ	66.6	157	Pg	9:22:44.12	0.41		
			Sg	22:52.04	-0.95		
KECS	69.6	89	Pg	9:22:44.55	0.30		
			Sg	22:53.10	-0.84		
ABAH	127.0	99	Pg	9:22:54.43	-0.07		

1223.

2022-07-26 time: 10:41:03.41 UTC ML= 1.6
lat: 47.867N lon: 19.081E h= 0.0 km
erh= 2.2km erz= 289km
nr= 5 gap=226 rms=0.13
Locality: Berkénye
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	17.3	119	Pg	10:41:06.60	0.10		
			Sg	41:08.85	-0.05		
PSZ	61.1	85	Pg	10:41:14.14	-0.19		
			Sg	41:22.99	0.15		
VYHS	72.1	345	Sg	10:41:26.38	0.06		

1224.

2022-07-27 time: 5:48:25.39 UTC ML= 1.3
lat: 46.021N lon: 22.799E h= 0.0 km
erh= 3.5km erz= 981km
nr= 7 gap=157 rms=0.65
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	17.4	152	Pg	5:48:29.03	0.54		
			Sg	48:30.82	-0.09		
GZR	69.8	181	Pg	5:48:37.96	0.10		
			Sg	48:47.14	-0.45		
DRGR	85.9	356	Sg	5:48:51.60	-1.09		
SIRR	92.2	287	Sg	5:48:55.84	1.16		

Hypocenter Parameters

BZS	102.3	244	Sg	5:48:57.09	-0.82
1225.					

2022-07-27 time: 6:59:27.50 UTC ML= 1.9
lat: 48.444N lon: 17.263E h= 0.0 km
erh= 2.2km erz= 3.9km
nr= 11 gap=105 rms=0.63
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	7.9	172	PgU	6:59:29.07	0.17		
			Sg	59:30.40	0.40		
SMOL	14.5	57	Pg	6:59:30.64	0.55		
			Sg	59:33.95	1.84		
KRUC	93.8	317	Pg	6:59:44.54	0.29		
			Sg	59:56.73	-0.59		
SOP	99.5	212	Sg	6:59:58.71	-0.43		
VYHS	116.5	87	Pg	6:59:47.88	-0.42		
			Sg	7:00:03.33	-1.19		
MORC	149.7	8	Pn	6:59:53.47	0.28		
			Sn	7:00:12.09	-1.15		

2022-07-27 time: 7:49:52.52 UTC ML= 1.6
lat: 48.531N lon: 20.765E h= 0.0 km
erh= 2.0km erz= 5.6km
nr= 7 gap=218 rms=0.31
Locality: Tornaszentandrás
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	21.3	255	Pg	7:49:56.38	0.06		
			Sg	49:59.09	-0.20		
ABAH	43.8	127	Pg	7:50:00.34	0.00		
			Sg	50:06.24	-0.20		
PSZ	94.0	223	Pg	7:50:09.63	0.33		
			Sg	50:22.20	-0.18		
VYHS	142.6	268	Sn	7:50:33.84	-2.84		

2022-07-27 time: 8:05:08.35 UTC ML= 1.9
lat: 46.822N lon: 17.291E h= 0.0 km
erh= 2.9km erz= 7.5km
nr= 16 gap= 98 rms=1.09
Locality: Vállus
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
EGYH	66.2	3	Sg	8:05:30.55	1.16		
PKST	74.5	49	Pg	8:05:21.18	-0.47		
			Sg	05:31.49	-0.54		
KOGS	89.9	242	Sg	8:05:36.81	-0.11		
CSKK	95.1	51	Pg	8:05:26.38	1.06		
			Sg	05:38.29	-0.27		
KOVH	102.6	143	Pg	8:05:27.65	0.98		
			Sg	05:41.72	0.77		
PKSG	104.8	53	Sg	8:05:40.26	-1.39		
PKB4	106.8	110	Sg	8:05:44.53	2.22		
PKB5	113.3	103	Sg	8:05:42.66	-1.72		
MORH	123.8	123	Sg	8:05:46.20	-1.51		
PKSM	123.9	123	Pg	8:05:31.28	0.81		
			Sg	05:46.01	-1.72		
PKSV	127.5	145	Sg	8:05:47.87	-1.00		
ARSA	142.5	290	Sn	8:05:51.42	-1.08		

Hypocenter Parameters

1228.

2022-07-27 time: 9:13:51.75 UTC ML= 0.6
 lat: 47.189N lon: 18.293E h= 0.0 km
 erh= 2.0km erz= 524km
 nr= 7 gap=148 rms=0.36
 Locality: Sárkeszi
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	19.5	353	Pg	9:13:55.09		-0.14	
			Sg	13:57.07		-0.87	
PKST	21.1	292	Pg	9:13:55.82		0.31	
			Sg	13:58.53		0.08	
PKSG	23.7	18	Pg	9:13:56.24		0.26	
			Sg	13:59.46		0.18	
PKSM	111.9	166	Sg	9:14:26.69		-0.62	

1229.

2022-07-27 time: 10:15:16.38 UTC ML= 0.4
 lat: 46.120N lon: 18.339E h= 0.0 km
 erh= 3.5km erz= 880km
 nr= 8 gap=128 rms=0.63
 Locality: Hird
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	18.8	259	Pg	10:15:20.65		0.91	
PKSM	25.5	66	Pg	10:15:21.17		0.24	
			Sg	15:24.51		0.03	
MORH	25.9	66	Pg	10:15:21.12		0.12	
			Sg	15:24.62		0.02	
PKSV	26.6	195	Pg	10:15:20.84		-0.29	
			Sg	15:23.89		-0.94	
PKS9	52.1	355	Sg	10:15:31.17		-1.78	

1230.

2022-07-27 time: 10:35:10.73 UTC ML= 0.4
 lat: 46.027N lon: 18.482E h= 0.0 km
 erh= 0.9km erz= 175km
 nr= 8 gap=198 rms=0.13
 Locality: Máriakéménd
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	23.5	229	Pg	10:35:14.93		0.00	
			Sg	35:17.77		-0.44	
PKSM	24.0	31	Pg	10:35:15.13		0.12	
			Sg	35:18.24		-0.10	
MORH	24.5	31	Pg	10:35:15.08		-0.02	
			Sg	35:18.32		-0.18	
KOVH	30.3	283	Pg	10:35:16.28		0.13	
			Sg	35:20.35		-0.02	

1231.

2022-07-28 time: 6:33:15.49 UTC ML= 1.7
 lat: 47.914N lon: 19.406E h= 0.0 km
 erh= 2.4km erz= 4.3km
 nr= 16 gap=108 rms=0.94
 Locality: Becske
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	16.6	214	Pg	6:33:17.93		-0.52	
			Sg	33:20.83		0.08	
PSZ	36.6	89	Pg	6:33:21.49		-0.53	
			Sg	33:27.54		0.43	
VYHS	77.2	327	Pg	6:33:30.46		1.19	
			Sg	33:40.27		0.25	
SRO	82.5	262	Sg	6:33:41.26		-0.45	
PKSG	95.8	233	Pg	6:33:33.70		1.10	

Földrengés paraméterek

KECS	102.3	52	Sg	33:45.64	-0.31
			Pg	6:33:34.02	0.27
			Sg	33:46.79	-1.20
PKST	126.3	235	Pg	6:33:36.77	-1.27
			Sg	33:53.05	-2.57
MODS	166.4	288	Sn	6:34:04.90	-0.05
MORH	197.4	197	Sn	6:34:13.67	1.84
PKSM	197.9	197	Sn	6:34:14.30	2.36

1232.

2022-07-28 time: 8:07:03.81 UTC ML= 1.5
 lat: 48.579N lon: 20.790E h= 0.0 km
 erh= 2.2km erz= 3.9km
 nr= 14 gap= 91 rms=0.82
 Locality: Tornanádaska
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	24.9	245	Pg	8:07:08.23		-0.02	
			Sg	07:11.67		-0.05	
ABAH	45.8	133	Pg	8:07:12.61		0.62	
			Sg	07:18.66		0.29	
PSZ	99.1	222	Pg	8:07:21.80		0.29	
			Sg	07:34.73		-0.59	
NIE	99.7	340	Pg	8:07:23.36		1.75	
			Sg	07:35.25		-0.24	
KOLS	115.9	70	Sg	8:07:40.05		-0.62	
LANS	116.0	303	Pg	8:07:24.19		-0.33	
			Sg	07:39.21		-1.46	
TRPA	138.9	111	Sn	8:07:45.58		-1.58	
STZU	143.2	70	Pn	8:07:29.09		0.39	
			Sn	07:46.41		-1.70	

1233.

2022-07-28 time: 8:09:20.59 UTC ML= 1.6
 lat: 47.083N lon: 17.922E h= 0.0 km
 erh= 2.3km erz= 2.8km
 nr= 14 gap=197 rms=0.67
 Locality: Veszprém
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
TIH	20.5	186	Pg	8:09:25.11		0.85	
			Sg	09:27.90		0.78	
PKST	21.3	24	Pg	8:09:23.89		-0.51	
			Sg	09:27.23		-0.13	
CSKK	40.3	39	Pg	8:09:28.16		0.37	
			Sg	09:33.07		-0.33	
PKB1	74.1	117	Sg	8:09:44.81		0.65	
PKB5	82.5	131	Sg	8:09:47.63		0.82	
MORH	111.2	150	Sg	8:09:55.27		-0.66	
PKSM	111.4	150	Sg	8:09:55.37		-0.65	
KOVH	111.5	173	Sg	8:09:55.48		-0.54	
PKSV	135.2	169	Sn	8:10:01.74		-1.39	
PSZ	175.2	58	Pn	8:09:49.63		0.15	
			Sn	10:10.71		-1.29	

1234.

2022-07-28 time: 8:37:28.72 UTC ML= 1.3
 lat: 47.332N lon: 18.432E h= 0.0 km
 erh= 2.1km erz= 4.5km
 nr= 10 gap=159 rms=0.43
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	7.3	335	Pg	8:37:30.00		-0.02	
			Sg	37:30.73		-0.31	
CSKK	13.4	285	PgU	8:37:31.30		0.19	
			Sg	37:32.55		-0.43	
PKST	31.1	255	Pg	8:37:34.74		0.46	
			Sg	37:38.19		-0.43	

Földrengés paraméterek

MORH	125.2	173	Sg	8:38:07.98	-0.52
PKSM	125.6	173	Sg	8:38:08.29	-0.34
VYHS	132.7	13	Pn	8:37:52.85	0.56
			Sn	38:08.40	-2.28

1235.

2022-07-28 time: 8:47:33.25 UTC ML= 1.6
lat: 48.698N lon: 18.673E h= 0.0 km
erh= 3.0km erz= 3.8km
nr= 17 gap= 84 rms=1.02
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	25.7	152	Pg	8:47:38.08	0.25		
			Sg	47:40.80	-0.61		
LANS	77.0	49	Sg	8:47:56.66	-1.05		
SMOL	94.0	257	Sg	8:48:02.60	-0.54		
MODS	109.2	251	Pg	8:47:53.21	0.46		
			Sg	48:07.09	-0.87		
PENC	110.6	156	Pg	8:47:53.94	0.95		
			Sg	48:07.30	-1.09		
PSZ	125.4	134	Pg	8:47:55.72	0.08		
			Sg	48:11.89	-1.22		
KECS	135.8	100	Pn	8:47:58.22	1.00		
			Sn	48:13.87	-2.05		
NIE	144.2	56	Pn	8:48:00.00	1.74		
			Sn	48:16.90	-0.87		
MORC	145.5	326	Pn	8:47:58.12	-0.31		
			Sn	48:16.38	-1.69		
PKST	167.0	197	Sn	8:48:24.52	1.69		

1236.

2022-07-28 time: 8:57:11.99 UTC ML= 0.9
lat: 47.981N lon: 16.101E h= 0.0 km
erh= 2.3km erz= 735km
nr= 7 gap=119 rms=0.48
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	18.8	252	Pg	8:57:15.44	0.08		
			Sg	57:17.53	-0.45		
RONA	34.6	155	Pg	8:57:18.46	0.29		
			Sg	57:22.49	-0.49		
MODS	97.8	64	Sg	8:57:42.84	-0.23		
KRUC	122.1	10	Pg	8:57:34.44	0.64		
			Sg	57:49.67	-1.13		

1237.

2022-07-28 time: 9:05:24.23 UTC ML= 1.6
lat: 48.508N lon: 17.509E h= 0.0 km
erh= 2.0km erz= 2.8km
nr= 13 gap=130 rms=0.65
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	5.9	276	PgU	9:05:25.34	0.04		
			Sg	05:26.24	0.12		
MODS	22.7	229	Pg	9:05:28.83	0.54		
			Sg	05:31.38	-0.07		
ZST	45.9	221	Pg	9:05:33.57	1.14		
			Sg	05:38.67	-0.15		
VYHS	98.1	91	Sg	9:05:55.17	-0.25		
KRUC	102.4	307	Pg	9:05:42.51	-0.01		
			Sg	05:56.62	-0.17		
RONA	127.4	225	Sg	9:06:03.40	-1.32		
CONA	138.3	242	Pn	9:05:48.59	0.08		
			Sn	06:05.99	-1.46		
MORC	141.2	1	Sn	9:06:06.50	-1.58		

Hypocenter Parameters

1238.

2022-07-28 time: 9:54:30.27 UTC ML= 0.7
lat: 47.192N lon: 18.272E h= 0.0 km
erh= 1.5km erz= 448km
nr= 8 gap=143 rms=0.32
Locality: Csór
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	19.1	357	Pg	9:54:33.78	0.10		
			Sg	54:35.94	-0.40		
PKST	19.5	293	Pg	9:54:34.06	0.31		
			Sg	54:35.99	-0.48		
PKSG	24.0	22	Pg	9:54:34.93	0.37		
			Sg	54:37.48	-0.42		
MORH	112.2	165	Sg	9:55:05.89	-0.03		
PKSM	112.5	165	Sg	9:55:05.78	-0.26		

1239.

2022-07-28 time: 9:56:26.57 UTC ML= 1.2
lat: 47.713N lon: 18.720E h= 0.0 km
erh= 3.5km erz= ***km
nr= 8 gap=140 rms=0.76
Locality: Csolnok
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	43.0	78	Pg	9:56:35.10	0.85		
			Sg	56:40.55	0.31		
PKSG	43.4	215	Sg	9:56:40.04	-0.34		
CSKK	52.0	222	Sg	9:56:42.83	-0.27		
PKST	72.2	226	Sg	9:56:48.86	-0.66		
VYHS	87.3	6	Pg	9:56:42.86	0.70		
			Sg	56:53.37	-0.94		
PSZ	90.9	75	Sg	9:56:54.08	-1.38		

1240.

2022-07-28 time: 9:59:55.68 UTC ML= 1.6
lat: 48.719N lon: 21.486E h= 0.0 km
erh= 2.6km erz= ***km
nr= 15 gap= 80 rms=0.99
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	50.5	201	Pg	10:00:05.10	0.41		
			Sg	00:12.27	0.55		
KOLS	62.5	68	Pg	10:00:06.98	0.13		
			Sg	00:16.27	0.72		
HOLU	69.6	108	Pg	10:00:10.42	2.31		
			Sg	00:17.20	-0.60		
KECS	78.3	250	Pg	10:00:10.00	0.34		
			Sg	00:19.91	-0.66		
STHS	79.6	347	Pg	10:00:09.27	-0.62		
			Sg	00:23.06	2.09		
STZU	89.7	68	Pg	10:00:11.47	-0.23		
TRPA	101.8	130	Pg	10:00:13.65	-0.21		
			Sg	00:26.28	-1.76		
NIE	115.7	312	Pg	10:00:14.90	-1.45		
			Sg	00:31.70	-0.77		

1241.

2022-07-28 time: 10:46:48.40 UTC ML= 1.6
lat: 48.073N lon: 20.535E h= 6.1 km
erh= 1.3km erz= 2.9km
nr= 9 gap=128 rms=0.30
Locality: Répáshuta
Comments:

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
KECS	45.7	355	Pg	10:46:56	.95	0.31	
			Sg	47:02	.92	-0.15	
PSZ	50.8	250	Pg	10:46:57	.63	0.09	
			Sg	47:04	.56	-0.11	
ABAH	58.0	65	Pg	10:46:59	.00	0.19	
			Sg	47:06	.12	-0.81	
BSZH	88.3	193	Pg	10:47:04	.38	0.17	
			Sg	47:16	.05	-0.49	
VYHS	134.5	290	ePn	10:47:11	.40	-0.02	
			eSn	47:27	.40	-1.98*	

1242.

2022-07-28 time: 11:42:58.23 UTC ML= 1.2
lat: 47.855N lon: 16.035E h= 0.0 km
erh= 3.1km erz= 5.7km
nr= 9 gap= 92 rms=0.97
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	15.3	302	Pg	11:43:01	.63	0.67	
			Sg	43:04	.14	1.05	
RONA	26.2	131	Pg	11:43:03	.36	0.46	
			Sg	43:06	.97	0.43	
ARSA	77.5	210	Sg	11:43:21	.55	-1.30	
MODS	109.0	58	Pg	11:43:18	.41	0.71	
			Sg	43:31	.50	-1.39	
KRUC	136.8	11	Pn	11:43:21	.78	-0.54	
			Sn	43:38	.25	-2.86	

1243.

2022-07-28 time: 11:52:39.35 UTC ML= 0.9
lat: 47.909N lon: 16.113E h= 0.0 km
erh= 1.2km erz= 313km
nr= 6 gap=140 rms=0.18
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	18.9	277	Pg	11:52:42	.57	-0.16	
			Sg	52:45	.49	0.13	
RONA	27.0	149	Pg	11:52:44	.24	0.07	
			Sg	52:47	.79	-0.15	
KRUC	129.9	9	Pg	11:53:02	.81	0.27	
			Sg	53:20	.34	-0.30	

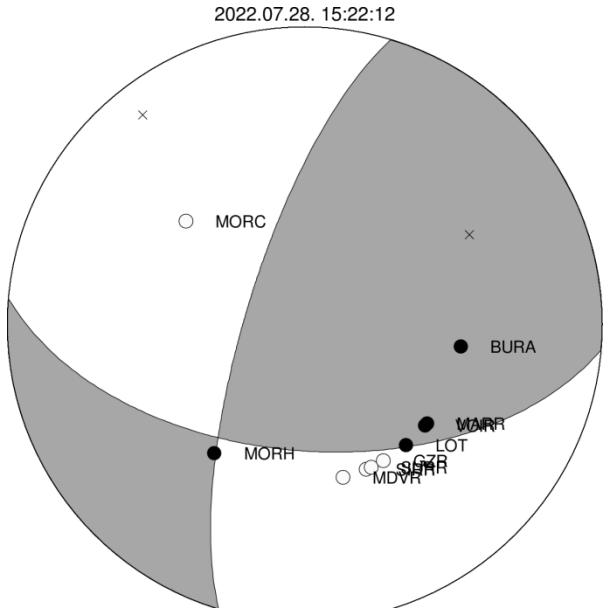
1244.

2022-07-28 time: 15:22:12.37 UTC ML= 2.5
lat: 48.083N lon: 20.534E h= 4.9 km
erh= 2.0km erz= 1.7km
nr= 41 gap= 41 rms=1.05
Locality: Répáshuta
Comments: felt 3 EMS

sta	dist	azm	phase	hr	mn	sec	res
KECS	44.6	355	Pg	15:22:21	.08	0.69	
			Sg	22:26	.49	-0.15	
PSZ	51.1	249	Pg	15:22:21	.25	-0.29	
			Sg	22:28	.71	0.02	
ABAH	57.6	66	Pg	15:22:22	.68	0.00	
			Sg	22:29	.84	-0.89	
BSZH	89.4	193	Pg	15:22:28	.03	-0.32	
			Sg	22:40	.39	-0.43	
PENC	99.1	251	Pg	15:22:29	.83	-0.25	
			Sg	22:42	.99	-0.91	
BUD	131.3	240	Sn	15:22:51	.66	-1.27	
VYHS	134.0	290	Pn	15:22:35	.39	-0.10	
			Sg	22:51	.47	-2.06	
PKSN	141.1	201	Pn	15:22:36	.43	0.06	
			Sg	22:54	.43	-0.66	
LANS	142.4	326	Pn	15:22:37	.21	0.68	

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
HOLU	145.9	70	Sn	22:54	:17	-1.21	
TRPA	149.4	88	Pn	15:22	:37	0.08	
NIE	149.4	354	Sn	15:22	:54	-1.99	
			Pn	15:22	:38	1.20	
			Sn	22:55	.53	-1.42	
PKS7	154.7	222	Sn	15:22	:57	-0.34	
STHS	157.2	19	Sn	15:22	:58	-0.05	
KOLS	159.5	54	eSn	15:23	:00	1.01	
PKSG	178.2	244	Pn	15:22	:41	0.93	
			Sn	23:03	.72	0.39	
PKB2	184.5	212	Sn	15:23	:07	3.11	
CSKK	188.4	245	Sn	15:23	:06	0.69	
PKB1	195.2	222	Pn	15:22	:45	2.64	
			Sn	23:07	.55	0.44	
PKS2	203.2	209	Sn	15:23	:13	4.64*	
PKST	208.9	244	Pn	15:22	:44	-0.38	
PKB3	210.5	209	Sn	15:23	:15	4.90*	
PKB5	214.1	219	Sn	15:23	:15	4.41	
DRGR	218.1	131	Pn	15:22	:49	3.33	
SIRR	219.1	157	PnD	15:22	:44	-1.52	
MARR	250.1	129	PnC	15:22	:49	-0.75	
MORH	252.3	215	PnC	15:22	:48	-1.95	
SURR	285.9	155	PnD	15:22	:53	-1.08	
BZS	286.3	163	Pn	15:22	:53	-0.82	
MORC	289.0	311	PnD	15:22	:57	2.36	
GZR	344.6	150	PnD	15:23	:01	-0.72*	
BURA	354.3	98	PnC	15:23	:03	0.96*	
MDVR	378.0	166	PnD	15:23	:04	-1.03*	
LOT	383.3	140	PnC	15:23	:06	-0.27*	
VOIR	453.4	130	PnC	15:23	:15	0.04*	



1245.

2022-07-28 time: 16:24:01.18 UTC ML= 1.1
lat: 48.064N lon: 20.574E h= 10.0 km
erh= 4.0km erz= 3.7km
nr= 6 gap=190 rms=0.47
Locality: Bükkzentkereszt
Comments:

sta	dist	azm	phase	hr	mn	sec	res	
KECS	47.0	352	Pg	16:24	:10	.14	0.37	
			Sg	24:16	.14	-0.33		
PSZ	53.2	252	Pg	16:24	:11	.40	0.55	
			Sg	24:17	.81	-0.59		
ABAH	55.8	62	Sg	16:24	:18	.63	-0.57	
VYHS	137.6	290	Sn	16:24	:41	.60	-0.35	

Földrengés paraméterek

Hypocenter Parameters

1246.

2022-07-28 time: 16:41:54.57 UTC ML= 0.9
 lat: 48.076N lon: 20.538E h= 5.2 km
 erh= 1.7km erz=21.7km
 nr= 5 gap=185 rms=0.23
 Locality: Répáshuta
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
KECS	45.4	355	Pg	16:42:03.05		0.32	
			Sg	42:09.01		-0.08	
PSZ	51.1	250	Pg	16:42:03.65		-0.10	
			Sg	42:10.91		0.00	
ABAH	57.6	65	Sg	16:42:12.58		-0.37	

1247.

2022-07-28 time: 20:36:30.30 UTC ML= 0.9
 lat: 48.089N lon: 20.533E h= 0.4 km
 erh= 3.7km erz= 619km
 nr= 5 gap=182 rms=0.51
 Locality: Lillafüred
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
KECS	44.0	355	Pg	20:36:38.20		0.04	
			Sg	36:44.29		0.00	
PSZ	51.3	248	Pg	20:36:40.11		0.65	
			Sg	36:45.83		-0.77	
ABAH	57.4	66	Sg	20:36:47.90		-0.63	

1248.

2022-07-29 time: 5:44:51.64 UTC ML= 1.2
 lat: 48.062N lon: 20.551E h= 0.4 km
 erh= 0.8km erz= 129km
 nr= 6 gap=189 rms=0.15
 Locality: Bükkzentkereszt
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
KECS	47.1	354	Pg	5:45:00.10		0.04	
			Sg	45:06.65		0.02	
PSZ	51.5	252	Pg	5:45:00.92		0.07	
			Sg	45:07.83		-0.20	
ABAH	57.4	63	Pg	5:45:02.00		0.10	
			Sg	45:09.41		-0.49	

1249.

2022-07-29 time: 6:15:45.21 UTC ML= 1.0
 lat: 47.119N lon: 18.045E h= 0.0 km
 erh= 5.5km erz= ***km
 nr= 9 gap=152 rms=0.90
 Locality: Vilonya
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	15.6	357	Pg	6:15:47.73		-0.26	
			Sg	15:50.66		0.49	
TIH	26.9	205	Sg	6:15:56.55		2.79	
CSKK	31.7	31	Sg	6:15:56.40		1.12	
PKSG	40.1	41	Pg	6:15:52.20		-0.17	
MORH	110.4	155	Pg	6:16:04.25		-0.67	
			Sg	16:20.53		0.24	
PKSM	110.7	156	Sg	6:16:20.74		0.35	
KOVH	114.6	178	Sg	6:16:19.90		-1.74	

1250.

2022-07-29 time: 6:26:28.49 UTC ML= 1.1
 lat: 48.415N lon: 19.534E h= 0.0 km
 erh= 3.2km erz= 927km
 nr= 7 gap=164 rms=0.61
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	52.4	280	Pg	6:26:38.33		0.49	
			Sg	26:44.39		-0.74	
PSZ	61.4	154	Pg	6:26:40.26		0.81	
			Sg	26:47.67		-0.33	
KECS	70.8	84	Pg	6:26:41.15		0.02	
			Sg	26:50.07		-0.92	
PENC	72.0	195	Sg	6:26:50.67		-0.69	

1251.

2022-07-29 time: 8:22:49.81 UTC ML= 1.5
 lat: 46.109N lon: 18.069E h= 0.0 km
 erh= 2.4km erz= 545km
 nr= 13 gap=227 rms=0.46
 Locality: Bakonya
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	3.3	134	PgU	8:22:50.29		-0.11	
			Sg	22:51.86		1.00	
PKSV	28.3	150	Pg	8:22:54.46		-0.41	
			Sg	22:58.74		-0.07	
PKSM	45.7	75	Pg	8:22:57.65		-0.32	
			Sg	23:04.22		-0.11	
MORH	46.0	75	Pg	8:22:57.60		-0.43	
			Sg	23:04.33		-0.10	
PKS9	55.5	17	Pg	8:23:00.46		0.73	
PKB4	59.6	44	Pg	8:23:00.62		0.16	
PKB5	74.5	44	Pg	8:23:03.13		0.01	
			Sg	23:14.34		0.84	
PKB1	93.4	37	Sg	8:23:18.78		-0.72	
PKST	127.9	359	Sg	8:23:26.33		-4.13*	

1252.

2022-07-29 time: 8:33:38.98 UTC ML= 1.7
 lat: 48.669N lon: 19.665E h= 0.0 km
 erh= 3.3km erz= ***km
 nr= 10 gap= 93 rms=0.98
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
LANS	55.4	345	Pg	8:33:49.14		0.27	
			Sg	33:56.24		-0.35	
KECS	64.0	109	Pg	8:33:52.01		1.60	
			Sg	33:58.90		-0.43	
VYHS	64.2	252	Pg	8:33:50.92		0.48	
			Sg	33:58.12		-1.26	
PSZ	85.3	168	PgU	8:33:54.78		0.58	
			Sg	34:05.14		-0.94	
NIE	95.9	30	Sg	8:34:08.24		-1.22	
ABAH	123.6	110	Sg	8:34:16.18		-2.09	

1253.

2022-07-29 time: 8:58:00.22 UTC ML= 1.8
 lat: 48.229N lon: 21.255E h= 0.0 km
 erh= 2.9km erz= 5.3km
 nr= 12 gap=155 rms=0.71
 Locality: Tállya
 Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
ABAH	7.5	351	PgU	8:58:01.95		0.39	
			Sg	58:02.79		0.19	
KECS	63.6	296	Pg	8:58:11.71		0.13	
			Sg	58:19.61		-0.83	
HOLU	89.9	68	Pg	8:58:16.95		0.67	
			Pg	8:58:17.37		-0.01	
TRPA	96.1	97	Sg	58:29.63		-1.14	
			Sg	58:33.07		-1.63	
PSZ	107.1	251	Sg	8:58:33.54		-0.73	
KOLS	108.5	44	Pg	8:58:20.13		0.54	
			Sg	58:09.55		0.15	
STZU	133.5	49	Pn	8:58:24.46		0.56	
NIE	149.3	332	Sn	8:58:43.56		-2.30	

1254.

2022-07-29 time: 9:02:50.17 UTC ML= 0.9
lat: 47.197N lon: 18.281E h= 0.0 km
erh= 1.3km erz= 376km
nr= 8 gap=145 rms=0.27
Locality: Csór
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	18.5	355	Pg	9:02:53.40		-0.08	
			Sg	02:55.64		-0.42	
PKST	19.9	290	Pg	9:02:53.66		-0.07	
			Sg	02:56.73		0.23	
PKSG	23.2	21	Pg	9:02:54.60		0.29	
			Sg	02:57.52		-0.02	
MORH	112.6	166	Sg	9:03:26.26		0.31	
KOVH	124.0	186	Sg	9:03:28.92		-0.68	

1255.

2022-07-29 time: 11:37:21.36 UTC ML= 1.0
lat: 47.535N lon: 18.390E h= 0.0 km
erh= 3.2km erz= 367km
nr= 6 gap=319 rms=0.21
Locality: Vértesomló
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	16.0	180	Pg	11:37:23.96		-0.25	
			Sg	37:26.57		0.14	
CSKK	21.5	207	Pg	11:37:25.21		0.01	
			Sg	37:28.29		0.10	
PKST	40.8	221	Pg	11:37:28.92		0.28	
			Sg	37:33.98		-0.35	

1256.

2022-07-29 time: 14:26:20.57 UTC ML= 1.5
lat: 45.567N lon: 17.919E h= 13.3 km
erh= 5.2km erz= 2.3km
nr= 10 gap=281 rms=0.47
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSV	44.1	36	Pg	14:26:28.90		0.11	
			Sg	26:34.85		-0.36	
KOVH	59.6	14	Pg	14:26:31.53		0.06	
			Sg	26:40.27		0.30	
PKSM	91.0	38	P*	14:26:36.62		-0.29	
			S*	26:49.64		-0.02	
MORH	91.4	38	P*	14:26:36.62		-0.36	
			S*	26:50.21		0.42	
PKB4	116.1	27	Pn	14:26:41.67		1.29	
BEHE	133.9	319	Pn	14:26:42.07		-0.53	

Földrengés paraméterek

1257.

2022-07-30 time: 20:57:59.21 UTC ML= 1.5
lat: 48.148N lon: 22.148E h= 13.2 km
erh= 2.3km erz= 1.8km
nr= 14 gap=119 rms=0.66
Locality: Szabolcsbáka
Comments:

sta	dist	azm	phase	hr	mn	sec	res
TRPA	29.2	94	PgD	20:58:05.30		0.36	
			Sg	58:09.55		0.15	
ABAH	69.5	284	PgU	20:58:11.69		-0.15	
			Sg	58:20.59		-1.10	
KORU	73.4	89	Sg	20:58:21.34		-1.57	
KOLS	87.7	6	Pg	20:58:15.70		0.64	
NSLU	97.5	87	S*	20:58:29.57		-0.51	
STZU	102.6	20	S*	20:58:31.42		-0.04	
KECS	128.8	287	Pn	20:58:20.71		0.10	
RAKU	151.4	95	Pn	20:58:23.90		0.47	
DRGR	156.7	164	Sn	20:58:44.95		1.45	

1258.

2022-07-31 time: 7:19:50.49 UTC ML= 0.9
lat: 47.859N lon: 16.038E h= 10.8 km
erh= 2.3km erz= 1.9km
nr= 13 gap=105 rms=0.61
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
CONA	15.2	300	Pg	7:19:53.85		0.03	
			Sg	19:56.59		0.17	
RONA	26.3	132	PgD	7:19:55.58		0.02	
			Sg	19:58.95		-0.58	
SOP	43.7	117	Pg	7:19:58.59		0.07	
ARSA	78.0	210	Pg	7:20:05.09		0.55	
			Sg	20:14.39		-1.12	
ABNA	100.7	334	P*	7:20:07.76		-0.79	
			S*	20:20.31		-2.32	
MOA	132.6	270	Pn	7:20:13.62		0.95	
			Sn	20:29.88		-0.09	
KRUC	136.3	11	Pn	7:20:13.84		0.70	
			Sn	20:30.46		-0.34	

1259.

2022-07-31 time: 16:03:05.36 UTC ML= 1.6
lat: 46.017N lon: 17.051E h= 11.9 km
erh= 2.8km erz= 2.0km
nr= 14 gap=162 rms=0.65
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	54.7	337	Sg	16:03:23.89		0.76	
			Sg	16:03:29.65		-0.84	
KOGS	78.2	308	Pg	16:03:20.45		0.38	
			Sg	03:31.53		-0.02	
PTJ	85.8	261	Sg	16:03:31.73		-1.15	
PKSV	94.2	99	Pg	16:03:22.65		0.34	
			Sg	03:35.08		-0.46	
PKSM	124.8	80	Pn	16:03:26.39		-0.05	
			Sn	03:41.11		-1.77	
MORH	125.1	80	Pn	16:03:26.16		-0.31	
			Sn	03:42.05		-0.90	
CRES	125.5	260	Pn	16:03:27.41		0.88	
			Sn	03:43.46		0.42	
PKB5	144.8	64	Sn	16:03:47.93		0.62	

Földrengés paraméterek

1260.

2022-07-31 time: 23:23:54.16 UTC ML= 0.4
 lat: 47.339N lon: 18.272E h= 4.0 km
 erh= 3.8km erz= 3.2km
 nr= 6 gap=187 rms=0.07
 Locality: Csákberény
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	2.8	341	Pg	23:23:55.09			0.05
			Sg	23:55.64			-0.08
PKSG	10.7	57	PgD	23:23:56.17			-0.03
			Sg	23:57.83			0.04
PKST	20.1	244	Pg	23:23:57.75			-0.07
			Sg	24:00.80			0.13

1261.

2022-08-01 time: 4:24:02.72 UTC ML= 3.1
 lat: 45.535N lon: 16.101E h= 7.8 km
 erh= 2.6km erz= 1.8km
 nr= 53 gap=190 rms=1.06
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZAG	33.7	346	Pg	4:24:09.46			0.56
			Sg	24:15.39			1.67
PTJ	42.1	345	Pg	4:24:10.30			-0.06
			Sg	24:17.81			1.49
GCIS	52.2	315	iPg	4:24:12.06			-0.08
			eSg	24:20.46			0.96
CRES	59.7	303	Pg	4:24:13.21			-0.27
			Sg	24:22.49			0.62
GOLS	64.6	325	iPg	4:24:14.34			0.00
BOJS	66.5	267	iPg	4:24:13.38			-1.29
			Sg	24:23.01			-0.98
CESS	69.6	314	ePg	4:24:15.59			0.37
			eSg	24:25.23			0.26
RCF6	89.4	353	Pg	4:24:18.14			-0.60
			Sg	24:30.81			-0.43
KOGS	102.1	6	Pg	4:24:20.18			-0.83
			Sg	24:34.54			-0.74
GROS	112.9	336	Pn	4:24:21.90			-0.94
			Sn	24:37.39			-1.14
BEHE	116.3	27	Pn	4:24:22.25			-1.01
			Sn	24:37.99			-1.29
PERS	144.1	328	Pn	4:24:26.40			-0.33
			Sn	24:44.38			-1.07
SOKA	151.6	327	Pn	4:24:28.81			1.16
			Sn	24:49.60			2.50
OBKA	161.8	312	Pn	4:24:29.25			0.32
			Sn	24:49.37			-0.01
KOVH	167.1	68	Pn	4:24:26.66			-2.93
			Sn	24:45.67			-4.87*
PKSV	172.0	77	Sn	4:24:49.93			-1.71
TRI	183.3	276	Pn	4:24:32.55			0.94
			Sn	24:54.48			0.33
ARSA	195.8	347	Pn	4:24:33.01			-0.16
			Sn	25:01.46			4.54*
PKS9	205.1	55	Pn	4:24:35.90			1.57
TIH	205.2	42	Pn	4:24:36.50			2.15
PKSM	211.1	69	Pn	4:24:36.17			1.10
			Sn	25:01.52			1.21
MORH	211.4	69	Pn	4:24:36.17			1.05
			Sn	25:01.29			0.90
PKB4	221.3	61	Sn	4:25:05.28			2.70
MYKA	225.9	303	Pn	4:24:37.57			0.65
			Sn	25:02.54			-1.05
EGYH	229.6	24	Pn	4:24:36.84			-0.54
PKB5	235.4	60	Pn	4:24:41.54			3.43
RONA	241.1	4	Pn	4:24:38.49			-0.33
			Sn	25:08.18			1.21
SOP	241.4	8	Pn	4:24:38.85			0.00

Hypocenter Parameters

CONA	266.7	356	Pn	4:24:42.18	0.17
			Sn	25:11.73	-0.92
KBA	273.0	309	Pn	4:24:42.36	-0.44
MOA	293.1	331	Pn	4:24:45.83	0.53
			Sn	25:17.98	-0.54*
BIOA	305.1	322	Pn	4:24:47.20	0.41*
			Sn	25:21.29	0.12*
ABTA	308.3	296	Pn	4:24:48.51	1.31*
			Sn	25:21.32	-0.58*
MODS	328.0	16	Pn	4:24:48.45	-1.21*
LESA	336.6	309	Pn	4:24:50.58	-0.14*
			Sn	25:26.79	-1.37*
SMOL	346.2	17	ePn	4:24:50.80	-1.12*
ABNA	352.3	352	Pn	4:24:53.04	0.36*
			Sn	25:32.03	0.38*
VYHS	389.2	32	Pn	4:24:55.73	-1.55*
WTTA	393.5	299	Pn	4:24:59.14	1.32*
			Sn	25:41.00	0.19*
WATA	401.3	300	Pn	4:24:59.44	0.65*
			Sn	25:42.50	-0.03*
SQTA	420.5	296	Pn	4:25:01.72	0.53*
			Sn	25:44.11	-2.68*
MOTA	433.6	298	Pn	4:25:02.90	0.08*
			Sn	25:47.86	-1.84*
FETA	445.8	292	Pn	4:25:05.41	1.07*
			Sn	25:50.76	-1.65*
RETA	463.7	298	Pn	4:25:07.33	0.76*
			Sn	25:54.02	-2.36*
MORC	483.9	13	Pn	4:25:08.46	-0.63*
			Sn	25:58.50	-2.36*
DAVA	516.5	292	Pn	4:25:12.49	-0.66*
			Sn	26:08.14	0.05*

1262.

2022-08-01 time: 7:20:29.49 UTC ML= 1.6
 lat: 45.963N lon: 22.824E h= 0.0 km
 erh= 2.4km erz= 7.1km
 nr= 12 gap=114 rms=0.70
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	10.8	145	Pg	7:20:31.68			0.27
			Sg	20:33.07			0.16
GZR	63.4	183	Pg	7:20:40.79			-0.01
			Sg	20:48.74			-0.89
DRGR	92.6	355	Pg	7:20:46.58			0.56
			Sg	20:58.25			-0.66
SIRR	96.2	291	Pg	7:20:47.83			1.17
			Sg	20:58.31			-1.74
BZS	101.4	248	Pg	7:20:47.43			-0.17
			Sg	21:01.40			-0.33
VOIR	182.9	109	Pn	7:20:59.18			-0.15
			Sn	21:19.46			-3.15*

1263.

2022-08-01 time: 10:04:13.91 UTC ML= 1.4
 lat: 48.904N lon: 21.082E h= 0.0 km
 erh= 2.5km erz= 928km
 nr= 10 gap= 92 rms=0.72
 Locality: out of Hungary
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
STHS	58.2	12	Sg	10:04:31.87			-0.54
KECS	64.2	223	Pg	10:04:25.61			0.24
			Sg	04:33.20			-1.11
ABAH	68.6	170	Pg	10:04:26.71			0.54
			Sg	04:35.16			-0.56
NIE	80.1	316	Sg	10:04:39.39			0.01
KOLS	87.4	88	Pg	10:04:30.19			0.68
			Sg	04:40.68			-1.00
STZU	113.5	84	Pg	10:04:34.89			0.70

Hypocenter Parameters

Sg 04:48.43 -1.57

1264.

2022-08-01 time: 10:10:16.75 UTC ML= 1.5
 lat: 48.895N lon: 21.075E h= 0.0 km
 erh= 2.6km erz= 3.5km
 nr= 11 gap= 82 rms=0.73
 Locality: out of Hungary
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
STHS	59.3	12	Sg	10:10:35.08		-0.52	
KECS	63.1	223	Pg	10:10:28.27		0.26	
			Sg	10:36.10		-0.70	
ABAH	67.7	170	Pg	10:10:29.45		0.61	
			Sg	10:37.66		-0.62	
NIE	80.5	316	Pg	10:10:32.26		1.14	
			Sg	10:41.26		-1.07	
KOLS	88.0	87	Sg	10:10:44.00		-0.71	
PSZ	139.4	219	Pn	10:10:41.66		0.49	
			Sn	10:59.03		-1.18	
VYHS	170.7	255	Sn	10:11:06.93		-0.23	

1265.

2022-08-01 time: 16:48:25.85 UTC ML= 0.6
 lat: 47.719N lon: 16.453E h= 14.4 km
 erh= 2.0km erz= 1.1km
 nr= 10 gap=117 rms=0.38
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
SOP	8.8	117	PgU	16:48:29.04		0.17	
			Sg	48:30.56		-0.66	
RONA	12.0	260	PgD	16:48:29.68		0.49	
			Sg	48:31.58		-0.22	
CONA	50.0	298	Sg	16:48:42.50		0.11	
ARSA	87.3	233	S*	16:48:53.16		-0.60	
MODS	95.2	40	P*	16:48:42.83		0.10	
ABNA	130.2	324	Pn	16:48:47.65		0.38	
			Sn	49:03.65		-0.32	
KRUC	149.4	358	Sn	16:49:07.64		-0.60	

1266.

2022-08-02 time: 8:06:27.24 UTC ML= 1.4
 lat: 48.574N lon: 20.772E h= 0.0 km
 erh= 3.2km erz= 3.9km
 nr= 16 gap= 90 rms=1.26
 Locality: Tornanádaska
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	23.4	244	Pg	8:06:31.93		0.51	
			Sg	06:34.59		-0.09	
ABAH	46.4	132	Pg	8:06:35.69		0.16	
			Sg	06:42.42		0.43	
PSZ	97.8	222	Pg	8:06:45.94		1.24	
			Sg	06:57.68		-0.64	
NIE	99.8	340	Pg	8:06:47.66		2.60	
LANS	115.2	304	Pg	8:06:47.51		-0.30	
			Sg	07:01.67		-2.18	
KOLS	117.4	70	Pg	8:06:48.92		0.71	
			Sg	07:03.08		-1.48	
TRPA	140.0	111	Sn	8:07:08.48		-2.35	
VYHS	143.2	266	Pn	8:06:52.59		0.46	
			Sn	07:09.42		-2.13	
STZU	144.6	70	Pn	8:06:52.36		0.05	
			Sn	07:09.34		-2.52	

Földrengés paraméterek

1267.

2022-08-02 time: 8:30:36.38 UTC ML= 1.5
 lat: 46.782N lon: 22.818E h= 0.0 km
 erh= 3.3km erz= 3.5km
 nr= 11 gap=146 rms=0.63
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	8.2	277	Pg	8:30:37.47		-0.38	
			Sg	30:40.03		1.04	
SIRR	105.7	237	Sg	8:31:10.03		0.05	
SURR	126.2	205	PgC	8:30:58.60		-0.31	
			Sg	31:15.60		-0.88	
GZR	154.4	181	Pn	8:31:02.97		0.30	
			Sn	31:23.13		-0.04	
BZS	159.3	216	Sn	8:31:24.13		-0.13	
LOT	165.6	154	PnD	8:31:05.38		1.32	
			Sn	31:25.90		0.26	
BURA	204.0	63	PnC	8:31:07.78		-1.07	

1268.

2022-08-02 time: 8:39:30.27 UTC ML= 1.9
 lat: 48.220N lon: 18.788E h= 0.0 km
 erh= 2.5km erz= ***km
 nr= 18 gap= 79 rms=1.15
 Locality: Czech and Slovak Republics
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	30.6	7	Pg	8:39:36.10		0.36	
			Sg	39:40.64		0.63	
SRO	57.5	218	Sg	8:39:48.16		-0.39	
PENC	60.3	142	Pg	8:39:41.89		0.85	
			Sg	39:48.78		-0.67	
PSZ	89.0	112	Pg	8:39:47.84		1.67	
			Sg	39:57.79		-0.77	
PKSG	96.8	198	Sg	8:39:59.36		-1.69	
CSKK	103.2	203	Sg	8:40:01.70		-1.37	
SMOL	105.9	288	Sg	8:40:02.56		-1.38	
MODS	113.4	279	Pg	8:39:52.08		1.55	
			Sg	40:04.59		-1.73	
LANS	114.9	26	Pg	8:39:51.14		0.35	
			Sg	40:05.30		-1.49	
PKST	120.9	208	Pg	8:39:52.78		0.91	
			Sg	40:07.34		-1.37	
KECS	129.1	77	Pg	8:39:53.64		0.31	
			Sg	40:09.14		-2.18	

1269.

2022-08-02 time: 9:47:58.02 UTC ML= 0.8
 lat: 47.212N lon: 18.285E h= 0.0 km
 erh= 1.7km erz= 2.9km
 nr= 10 gap=109 rms=0.78
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	17.0	354	Pg	9:48:01.66		0.62	
			Sg	48:02.67		-0.73	
PKST	19.7	285	Pg	9:48:01.78		0.24	
			Sg	48:03.65		-0.63	
PKSG	21.6	22	Pg	9:48:02.56		0.69	
			Sg	48:05.34		0.47	
MORH	114.1	166	Sg	9:48:34.68		0.41	
KOVH	125.7	186	Sg	9:48:37.33		-0.63	
PSZ	144.4	57	Sn	9:48:40.69		-1.89	
VYHS	148.4	16	Sn	9:48:41.63		-1.85	

Földrengés paraméterek

1270.

2022-08-02 time: 9:56:40.98 UTC ML= 1.3
 lat: 48.587N lon: 20.398E h= 0.0 km
 erh= 4.1km erz= 5.6km
 nr= 10 gap=170 rms=0.94
 Locality: Czech and Slovak Republics
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	13.3	151	Pg	9:56:44.37			1.02
			Sg	56:46.12			0.92
ABAH	70.2	117	Pg	9:56:54.05			0.53
			Sg	57:02.77			-0.52
PSZ	83.2	207	Pg	9:56:55.48			-0.37
			Sg	57:05.53			-1.91
VYHS	115.8	265	Pg	9:57:02.26			0.60
			Sg	57:17.27			-0.52
UZH	139.8	88	Sn	9:57:22.05			-2.49
KOLS	143.2	74	Sn	9:57:24.54			-0.74

1271.

2022-08-02 time: 10:42:50.10 UTC ML= 1.3
 lat: 46.126N lon: 22.859E h= 0.0 km
 erh= 2.2km erz= 4.8km
 nr= 8 gap=123 rms=0.49
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	74.8	351	Pg	10:43:03.59			0.12
			Sg	43:13.76			-0.13
GZR	81.7	185	Pg	10:43:05.38			0.69
			Sg	43:15.41			-0.66
SIRR	93.9	280	Pg	10:43:07.18			0.30
			Sg	43:19.16			-0.80
BZS	111.9	240	Sg	10:43:25.35			-0.31
VOIR	186.8	114	Sn	10:43:43.42			-0.65

1272.

2022-08-03 time: 6:46:30.12 UTC ML= 1.3
 lat: 48.018N lon: 20.513E h= 0.4 km
 erh= 1.5km erz= 238km
 nr= 6 gap=196 rms=0.19
 Locality: Répáshuta
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PSZ	47.5	256	Pg	6:46:38.75			0.15
			Sg	46:44.71			-0.51
KECS	51.7	358	Pg	6:46:39.53			0.17
			Sg	46:46.43			-0.13
ABAH	62.2	60	PgU	6:46:41.10			-0.13
			Sg	46:49.98			0.08

1273.

2022-08-03 time: 7:12:00.63 UTC ML= 2.2
 lat: 45.547N lon: 16.516E h= 8.2 km
 erh= 2.9km erz= 2.4km
 nr= 25 gap=141 rms=0.94
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZAG	51.4	308	Pg	7:12:10.46			0.54
			Sg	12:16.91			-0.25
PTJ	58.6	312	Pg	7:12:11.37			0.18
			Sg	12:18.26			-1.16
GCIS	77.8	297	ePg	7:12:14.31			-0.29
			eSg	12:24.46			-1.04
CRES	88.1	291	Pg	7:12:16.95			0.51

Hypocenter Parameters

RCF6	97.5	334	Sg	12:28.33			-0.44
KOGS	102.3	348	Sg	7:12:30.59			-1.14
BLY	103.1	149	Pg	7:12:19.11			0.15
			Sg	12:32.56			-0.69
BEHE	104.6	11	Pg	7:12:18.95			-0.14
			Sg	12:31.09			-2.40
GROS	128.4	322	Pg	7:12:20.20			0.83
			Pn	7:12:23.08			0.45
			Sn	12:39.06			-0.72
KOVH	137.0	64	Pn	7:12:23.06			-0.64
			Sn	12:38.92			-2.77
PKSV	140.4	74	Sn	7:12:40.17			-2.27
PERS	162.4	318	Sn	7:12:47.94			0.62
SOKA	170.2	318	Sn	7:12:49.85			0.80
PKSM	180.8	66	Pn	7:12:30.83			1.67
			Sn	12:53.19			1.78
MORH	181.2	66	Sn	7:12:53.27			1.78
RONA	239.9	356	Pn	7:12:37.90			1.37

1274.

2022-08-03 time: 7:21:50.07 UTC ML= 1.8
 lat: 47.828N lon: 19.862E h= 0.0 km
 erh= 5.4km erz= ***km
 nr= 10 gap=183 rms=1.05
 Locality: Gyöngyösoroszi
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	10.3	14	Pg	7:21:52.07			0.15
			Sg	21:54.03			0.67
PENC	43.7	265	Pg	7:21:58.56			0.69
			Sg	22:04.20			0.25
KECS	86.4	33	Pg	7:22:06.77			1.27
			Sg	22:16.88			-0.65
VYHS	106.3	314	Sg	7:22:21.96			-1.91
ABAH	115.1	63	Pg	7:22:10.92			0.29
			Sg	22:24.77			-1.89
PKSG	120.8	246	Sg	7:22:26.50			-1.96

1275.

2022-08-03 time: 8:44:09.72 UTC ML= 1.5
 lat: 48.503N lon: 17.489E h= 0.0 km
 erh= 2.0km erz= 3.9km
 nr= 10 gap=129 rms=0.55
 Locality: Czech and Slovak Republics
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	4.6	286	Pg	8:44:10.51			-0.03
			Sg	44:11.37			0.19
MODS	21.2	227	Pg	8:44:13.94			0.43
			Sg	44:17.36			0.90
ZST	44.5	220	Sg	8:44:22.86			-1.01
VYHS	99.6	91	Sg	8:44:41.60			0.22
KRUC	101.6	308	Sg	8:44:42.21			0.19
RONA	125.9	225	Sg	8:44:48.96			-0.79
MORC	141.8	2	Pn	8:44:34.46			0.03
			Sn	44:52.38			-1.33

1276.

2022-08-03 time: 9:07:07.93 UTC ML= 1.5
 lat: 48.896N lon: 21.045E h= 0.0 km
 erh= 2.6km erz= 5.9km
 nr= 10 gap= 96 rms=0.89
 Locality: out of Hungary
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
STHS	59.8	14	Pg	9:07:19.27			0.67
			Sg	07:26.22			-0.70
KECS	61.6	222	Pg	9:07:19.59			0.66
			Sg	07:27.00			-0.51

Hypocenter Parameters

ABAH	68.2	168	Pg	9:07:20.66	0.55
			Sg	07:29.03	-0.58
NIE	79.0	317	Pg	9:07:22.87	0.84
			Sg	07:32.32	-0.71
STZU	116.4	83	Sg	9:07:43.31	-1.61
PSZ	138.1	218	Sn	9:07:48.95	-2.14

1277.

2022-08-03 time: 10:26:48.39 UTC ML= 1.7
lat: 48.675N lon: 18.672E h= 0.0 km
erh= 2.3km erz= 2.9km
nr= 16 gap= 82 rms=0.93
Locality: Czech and Slovak Republics
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
YVHS	23.5	149	Pg	10:26:54.09	1.50
			Sg	26:56.05	0.19
LANS	78.7	48	Sg	10:27:13.03	-0.39
SMOL	93.4	259	Sg	10:27:18.35	0.26
SRO	99.5	196	Sg	10:27:19.13	-0.88
PENC	108.3	155	Sg	10:27:21.80	-1.02
MODS	108.3	252	Pg	10:27:08.73	0.99
			Sg	27:21.72	-1.10
PSZ	123.7	133	Pg	10:27:11.31	0.82
			Sg	27:26.96	-0.76
KECS	135.5	99	Pn	10:27:13.03	0.71
			Sn	27:29.46	-1.53
PKSG	144.2	188	Sn	10:27:31.66	-1.26
NIE	145.7	55	Sn	10:27:32.36	-0.90
MORC	147.6	326	Pn	10:27:14.05	0.22
			Sn	27:32.60	-1.07

1278.

2022-08-04 time: 7:47:05.78 UTC ML= 1.8
lat: 48.216N lon: 21.248E h= 0.0 km
erh= 3.4km erz= ***km
nr= 9 gap=156 rms=0.85
Locality: Rátka
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	8.9	356	Pg	7:47:07.73	0.36
			Sg	47:08.75	0.14
KECS	63.8	298	Sg	7:47:26.27	0.19
HOLU	91.0	68	Sg	7:47:34.00	-0.70
TRPA	96.5	96	Pg	7:47:23.72	0.70
			Sg	47:35.02	-1.44
PSZ	106.2	252	Pg	7:47:25.68	0.93
			Sg	47:37.92	-1.62
KOLS	109.9	43	Sg	7:47:39.79	-0.93

1279.

2022-08-04 time: 7:55:25.88 UTC ML= 1.5
lat: 46.120N lon: 18.086E h= 0.0 km
erh= 1.1km erz= 286km
nr= 11 gap=177 rms=0.23
Locality: Abaliget
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	3.7	163	PgU	7:55:26.41	-0.14
			Sg	55:27.66	0.59
PKSV	28.8	153	Sg	7:55:34.63	-0.42
PKSM	44.1	77	Pg	7:55:33.73	-0.03
			Sg	55:39.81	-0.09
MORH	44.4	76	Pg	7:55:33.71	-0.10
			Sg	55:39.81	-0.19
PKS9	53.9	16	Pg	7:55:35.41	-0.11
PKB4	57.8	44	Pg	7:55:36.27	0.07
PKB5	72.7	43	Pg	7:55:39.36	0.50
MPLH	124.0	340	Pg	7:55:48.05	0.03

Földrengés paraméterek

1280.

2022-08-04 time: 8:06:01.61 UTC ML= 1.8
lat: 47.355N lon: 18.318E h= 0.0 km
erh= 2.5km erz= 3.8km
nr= 16 gap= 97 rms=1.04
Locality: Csákberény
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	4.4	282	Pg	8:06:02.72	0.32
			Sg	06:03.77	0.75
PKSG	6.8	53	Pg	8:06:03.10	0.27
			Sg	06:04.87	1.09
PKST	24.0	244	Pg	8:06:05.54	-0.35
			Sg	06:09.31	0.09
PKS9	85.4	182	Pg	8:06:18.34	1.48
PKB5	90.3	159	Pg	8:06:18.34	0.61
PKB4	97.9	167	Sg	8:06:32.29	-0.44
MORH	129.1	169	Sg	8:06:39.83	-2.80
PKSM	129.5	169	Sg	8:06:40.41	-2.35
YVHS	132.4	17	Pn	8:06:25.31	0.16
			Sn	06:41.65	-1.87
PSZ	134.0	62	Pn	8:06:25.60	0.25
			Sn	06:42.89	-0.98
MODS	137.4	325	Sn	8:06:42.12	-2.51

1281.

2022-08-04 time: 8:34:34.68 UTC ML= 1.7
lat: 48.491N lon: 19.351E h= 0.0 km
erh= 2.7km erz= 3.6km
nr= 14 gap= 96 rms=1.26
Locality: Czech and Slovak Republics
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
YVHS	38.0	271	Pg	8:34:42.98	1.51
			Sg	34:47.60	0.83
LANS	73.8	7	Pg	8:34:48.21	0.34
			Sg	34:56.90	-1.25
PSZ	75.4	148	Pg	8:34:49.30	1.15
			Sg	34:57.60	-1.06
KECS	83.9	91	Pg	8:34:50.71	1.04
			Sg	35:00.42	-0.94
NIE	125.0	34	Pg	8:34:57.93	0.93
			Sg	35:12.16	-2.25
ABAH	141.6	99	Sn	8:35:17.48	-1.14
PKSG	141.7	210	Sn	8:35:16.09	-2.56
CSKK	149.5	213	Sn	8:35:18.83	-1.56
PKST	168.7	216	Sn	8:35:23.83	-0.81

1282.

2022-08-04 time: 8:48:57.08 UTC ML= 1.4
lat: 48.766N lon: 20.853E h= 0.0 km
erh= 9.2km erz= 9.8km
nr= 8 gap=156 rms=1.09
Locality: Czech and Slovak Republics
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	41.5	221	Pg	8:49:04.83	0.33
			Sg	49:08.79	-1.50
ABAH	59.6	151	Pg	8:49:08.55	0.83
			Sg	49:16.59	0.57
PSZ	118.1	217	Pg	8:49:19.07	0.90
			Sg	49:32.09	-2.52
YVHS	151.7	258	Sn	8:49:43.36	0.08
KWP	165.9	55	Sn	8:49:44.89	-1.54

Földrengés paraméterek

1283.

2022-08-04 time: 9:04:44.50 UTC ML= 1.2
 lat: 48.972N lon: 20.247E h= 0.0 km
 erh= 4.3km erz= ***km
 nr= 6 gap=157 rms=0.63
 Locality: Czech and Slovak Republics
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
NIE	50.0	6	Pg	9:04:	53.95		0.53
			Sg	04:	59.43		-0.95
KECS	57.1	162	Pg	9:04:	55.13		0.44
			Sg	05:	01.47		-1.18
LANS	60.3	289	Sg	9:05:	03.48		-0.18
PSZ	120.0	193	Sg	9:05:	22.81		0.17

1284.

2022-08-04 time: 9:19:36.41 UTC ML= 1.9
 lat: 48.825N lon: 21.617E h= 0.0 km
 erh= 1.5km erz= 2.6km
 nr= 16 gap= 67 rms=0.56
 Locality: out of Hungary
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOLS	49.6	76	Pg	9:19:	45.47		0.20
			Sg	19:	52.05		-0.12
ABAH	65.1	205	Sg	9:19:	56.97		-0.13
STHS	71.2	337	Sg	9:19:	59.69		0.63
STZU	76.7	74	Pg	9:19:	50.28		0.17
			Sg	20:	00.90		0.11
KECS	91.6	246	Pg	9:19:	52.99		0.22
			Sg	20:	04.28		-1.26
TRPA	103.0	139	Pg	9:19:	54.15		-0.65
			Sg	20:	09.73		0.58
NIE	115.9	305	Pg	9:19:	57.50		0.40
			Sg	20:	11.29		-1.95
KWP	119.8	42	Pg	9:19:	58.38		0.58
			Sg	20:	13.43		-1.06
LANS	161.4	283	Sn	9:20:	24.25		-0.51
PSZ	162.6	232	Sn	9:20:	25.29		0.26

1285.

2022-08-04 time: 9:33:42.24 UTC ML= 0.9
 lat: 47.862N lon: 16.050E h= 0.0 km
 erh= 0.6km erz= 0.9km
 nr= 7 gap=123 rms=0.69
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	15.9	298	Pg	9:33:	45.64		0.56
			Sg	33:	47.79		0.50
RONA	25.8	134	PgU	9:33:	47.40		0.54
			Sg	33:	50.89		0.43
ARSA	78.7	210	Sg	9:34:	06.61		-0.65
KRUC	135.8	11	Pn	9:34:	05.51		-0.71
			Sn	34:	23.54		-1.37

1286.

2022-08-05 time: 7:29:29.85 UTC ML= 1.1
 lat: 47.978N lon: 20.361E h= 0.0 km
 erh= 2.2km erz= 382km
 nr= 5 gap=198 rms=0.19
 Locality: Szarvaskő
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	35.5	259	Pg	7:29:	36.16		-0.02
			Sg	29:	40.89		-0.23

Hypocenter Parameters

KECS	56.9	9	Sg	7:29:47.93	-0.01
ABAH	74.3	62	Pg	7:29:43.39	0.27
			Sg	29:53.25	-0.23

1287.

2022-08-05	time:	7:31:45.22	UTC	ML= 1.2
lat: 48.072N	lon:	20.701E	h= 0.0 km	
erh= 2.5km	erz= 503km			
nr= 5	gap=196	rms=0.23		
Locality: Miskolctapolca				
Comments: probably explosion				

sta	dist	azm	phase	hr	mn	sec	res
ABAH	47.2	58	Pg	7:31:	53.53		-0.11
			Sg	32:	00.20		-0.01
KECS	48.4	341	Sg	7:32:	00.67		0.06
PSZ	62.5	254	Pg	7:31:	56.67		0.28
			Sg	32:	04.66		-0.44

1288.

2022-08-05	time:	8:56:04.07	UTC	ML= 1.6
lat: 46.944N	lon:	22.662E	h= 0.0 km	
erh= 5.2km	erz= 3.1km			
nr= 6	gap=302	rms=0.52		
Locality: Romania				
Comments: probably explosion				

sta	dist	azm	phase	hr	mn	sec	res
DRGR	17.4	168	Pg	8:56:	07.26		0.09
			Sg	56:	09.77		0.18
SIRR	107.5	226	Sg	8:56:	38.46		0.22
BZS	168.1	209	Sn	8:56:	53.05		-0.86
GZR	172.6	177	Pn	8:56:	32.98		0.35
			Sn	56:	52.89		-2.01

1289.

2022-08-05	time:	12:46:24.02	UTC	ML= 0.9
lat: 47.717N	lon:	16.024E	h= 0.0 km	
erh= 1.9km	erz= 4.1km			
nr= 12	gap=121	rms=0.68		
Locality: Austria				
Comments: probably explosion				

sta	dist	azm	phase	hr	mn	sec	res
RONA	20.6	95	PgU	12:46:	28.06		0.37
			Sg	46:	30.60		0.04
CONA	26.4	333	Pg	12:46:	29.58		0.84
			Sg	46:	32.56		0.14
SOP	40.3	95	Pg	12:46:	31.35		0.13
			Sg	46:	36.33		-0.50
ARSA	64.1	216	PgU	12:46:	35.74		0.27
			Sg	46:	43.74		-0.67
MODS	118.6	52	Pg	12:46:	45.73		0.53
			Sg	47:	00.08		-1.64
KRUC	152.0	10	Pn	12:46:	49.38		-0.63
			Sn	47:	07.73		-2.55

1290.

2022-08-05	time:	21:05:56.69	UTC	ML= 0.9
lat: 47.224N	lon:	18.081E	h= 5.2 km	
erh= 2.7km	erz= 4.2km			
nr= 7	gap=150	rms=0.12		
Locality: Várpalota				
Comments:				

sta	dist	azm	phase	hr	mn	sec	res
PKST	5.3	317	PgU	21:05:	58.09		0.09
			Sg	05:	58.78		-0.25
CSKK	20.6	41	Pg	21:06:	00.33		-0.14
			Sg	06:	03.52		0.10

Hypocenter Parameters

PKSG 29.9 51 Pg 21:06:02.10 -0.01
Sg 06:06.53 0.20

TIH 38.8 202 Pg 21:06:03.69 0.02

1291.

2022-08-06 time: 7:36:45.46 UTC ML= 1.2
lat: 46.164N lon: 18.285E h= 0.0 km
erh= 1.2km erz= 3.2km
nr= 14 gap=106 rms=0.49
Locality: Zobákpuszta
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	16.6	240	PgU	7:36:48.57		0.16	
			Sg	36:51.47		0.75	
PKSM	28.1	79	Pg	7:36:50.51		0.04	
			Sg	36:54.05		-0.32	
MORH	28.4	78	Pg	7:36:50.44		-0.08	
			Sg	36:54.44		-0.03	
PKSV	30.7	185	Pg	7:36:50.90		-0.04	
			Sg	36:55.07		-0.14	
PKB4	44.4	34	Sg	7:37:00.09		0.52	
PKB3	75.9	68	Sg	7:37:11.69		2.12	
PKB1	79.2	29	Sg	7:37:11.21		0.57	
PKST	123.3	351	Sg	7:37:24.16		-0.47	
MPLH	125.6	333	Sg	7:37:24.55		-0.82	
PKSG	136.8	3	Sn	7:37:26.98		-1.35	

1292.

2022-08-06 time: 10:30:39.16 UTC ML= 1.9
lat: 45.511N lon: 16.029E h= 13.0 km
erh= 2.7km erz= 1.3km
nr= 12 gap=232 rms=0.43
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZAG	35.4	356	Sg	10:30:51.63		0.48	
PTJ	43.6	353	Pg	10:30:46.93		-0.35	
			Sg	30:53.50		-0.11	
CRES	56.7	308	Pg	10:30:49.28		-0.26	
			Sg	30:57.75		0.11	
RCF6	91.5	357	S*	10:31:08.40		-0.05	
KOGS	105.5	9	Sn	10:31:11.55		-0.60	
GROS	113.2	339	Pn	10:30:59.32		0.67	
			Sn	31:13.74		-0.11	
PERS	143.5	331	Sn	10:31:22.08		1.50	
PKSV	178.2	76	Sn	10:31:27.96		-0.31	
MORH	217.7	69	Sn	10:31:37.21		0.18	

1293.

2022-08-06 time: 11:28:47.24 UTC ML= 2.0
lat: 45.506N lon: 16.139E h= 9.8 km
erh= 3.7km erz= 2.7km
nr= 12 gap=168 rms=0.65
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
PTJ	46.0	342	Pg	11:28:55.47		-0.16	
			Sg	29:01.67		-0.50	
CRES	63.9	304	Pg	11:28:59.16		0.37	
			Sg	29:06.76		-1.03	
KOGS	105.0	5	P*	11:29:06.06		0.01	
			S*	29:20.25		-0.47	
GROS	117.0	335	Pn	11:29:08.25		0.63	
			Sn	29:22.68		-0.83	
BLY	117.7	136	Pn	11:29:07.86		0.16	
			Sn	29:21.11		-2.55	
PERS	148.4	328	Sn	11:29:31.93		1.46	
KOVH	165.6	67	Sn	11:29:35.08		0.78	

Földrengés paraméterek

1294.

2022-08-06 time: 19:07:13.10 UTC ML= 1.4
lat: 47.405N lon: 19.694E h= 0.1 km
erh= 3.2km erz= 647km
nr= 6 gap=152 rms=0.36

Locality: Nagykáta

Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSN	58.0	167	Sg	19:07:31.79		0.25	
PSZ	59.0	15	Pg	19:07:23.74		0.11	
			Sg	07:31.45		-0.39	
PKS6	90.1	186	Sg	19:07:41.18		-0.56	
PKB1	97.3	225	Pg	19:07:30.89		0.42	
			Sg	07:43.61		-0.40	

1295.

2022-08-07 time: 11:40:18.11 UTC ML= 0.8
lat: 47.702N lon: 16.166E h= 12.7 km
erh= 2.1km erz= 1.5km
nr= 13 gap=130 rms=0.56

Locality: Austria

Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	9.8	91	PgU	11:40:21.37		0.40	
			Sg	40:23.15		-0.04	
SOP	29.5	94	Pg	11:40:23.68		-0.16	
			Sg	40:28.07		-0.25	
CONA	34.0	318	Pg	11:40:24.85		0.26	
			Sg	40:29.60		-0.04	
ARSA	69.8	224	Pg	11:40:30.90		0.13	
			Sg	40:39.36		-1.28	
MODS	111.6	48	Sn	11:40:51.33		-1.18	
ABNA	120.7	333	Pn	11:40:39.21		0.63	
			Sn	40:52.14		-2.41	
MOA	143.4	277	Sn	11:41:00.38		0.81	
KRUC	152.2	6	Pn	11:40:42.60		0.10	

1296.

2022-08-07 time: 19:16:42.06 UTC ML= 1.6
lat: 46.154N lon: 16.073E h= 11.3 km
erh= 1.4km erz= 1.3km
nr= 28 gap=167 rms=0.50

Locality: Croatia

Comments:

sta	dist	azm	phase	hr	mn	sec	res
RCF6	21.8	336	Pg	19:16:46.41		-0.03	
			Sg	16:49.53		-0.33	
PTJ	29.6	198	PgD	19:16:47.46		-0.25	
			Sg	16:51.55		-0.58	
KOGS	35.4	23	Pg	19:16:48.26		-0.44	
			Sg	16:52.91		-0.97	
ZAG	36.6	190	Pg	19:16:49.56		0.66	
			Sg	16:54.10		-0.14	
GOLS	38.2	245	ePg	19:16:49.51		0.34	
			Sg	16:54.98		0.27	
DOBS	46.7	269	iPg	19:16:50.90		0.27	
			eSg	16:57.03		-0.29	
GCIS	47.0	227	iPgC	19:16:50.69		0.00	
			eSg	16:57.02		-0.40	
CESS	51.3	247	iPg	19:16:51.66		0.22	
			eSg	16:58.73		-0.02	
GROS	55.7	308	Pg	19:16:52.43		0.22	
			Sg	16:59.04		-1.09	
CRES	60.1	233	Pg	19:16:52.97		0.00	
			Sg	17:00.37		-1.12	
LEGS	62.8	249	iPg	19:16:53.34		-0.10	
PERS	91.0	306	Pg	19:16:59.51		1.08	
			Sg	17:11.04		-0.17	
SOKA	99.0	306	P*	19:17:00.35		0.55	

Földrengés paraméterek

OBKA 123.9 289	S*	17:12.70	-0.94
	Pn	19:17:03.95	0.86
	Sn	17:19.20	-0.29
ARSA 129.0 341	Sn	19:17:20.03	-0.60

1297.

2022-08-08 time: 6:10:41.76 UTC ML= 0.6
 lat: 47.180N lon: 18.195E h= 0.0 km
 erh= 2.0km erz= 600km
 nr= 8 gap=143 rms=0.43
 Locality: Ősi
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	15.0	306	PgU	6:10:44.46			0.02
			Sg	10:46.59			0.07
CSKK	20.9	14	Pg	6:10:45.17			-0.33
			Sg	10:47.53			-0.88
PKSG	27.8	32	Pg	6:10:47.34			0.62
			Sg	10:50.97			0.38
MORH	112.6	162	Sg	6:11:17.71			0.16
PKSM	113.0	162	Sg	6:11:17.18			-0.49

1298.

2022-08-08 time: 6:55:05.97 UTC ML= 1.6
 lat: 46.759N lon: 22.831E h= 0.0 km
 erh= 5.3km erz= 5.2km
 nr= 9 gap=199 rms=0.63
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	9.9	291	Pg	6:55:07.25			-0.49
			Sg	55:09.73			0.62
SIRR	105.3	239	Pg	6:55:24.62			-0.15
			Sg	55:39.42			-0.01
GZR	151.9	182	Pn	6:55:31.51			-0.44
			Sn	55:51.98			-0.23
BZS	157.9	216	Pn	6:55:33.99			1.29
			Sn	55:52.99			-0.55
VOIR	225.9	131	Sn	6:56:10.51			1.88

1299.

2022-08-08 time: 7:09:36.22 UTC ML= 0.7
 lat: 47.180N lon: 18.211E h= 0.0 km
 erh= 2.1km erz= 621km
 nr= 8 gap=140 rms=0.44
 Locality: Csór
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	16.0	303	Pg	7:09:39.09			0.01
			Sg	09:41.36			0.05
CSKK	20.7	10	Pg	7:09:39.75			-0.17
			Sg	09:42.22			-0.59
PKSG	27.2	30	Pg	7:09:41.99			0.91
			Sg	09:44.57			-0.30
MORH	112.2	163	Sg	7:10:11.93			0.06
PKSM	112.5	163	Sg	7:10:11.54			-0.45

1300.

2022-08-08 time: 8:05:49.92 UTC ML= 1.0
 lat: 47.206N lon: 18.163E h= 0.0 km
 erh= 3.5km erz= ***km
 nr= 12 gap=139 rms=1.02
 Locality: Bakonykúti
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	11.3	301	PgU	8:05:52.48			0.53

Hypocenter Parameters

CSKK	18.9	23	Sg	05:54.48	0.95
			Pg	8:05:52.01	-1.30
			Sg	05:54.83	-1.12
PKSG	26.9	40	Pg	8:05:54.74	0.01
			Sg	05:59.53	1.06
PKB1	67.0	134	Pg	8:06:03.60	1.71
			Sg	06:11.31	0.08
MORH	116.1	162	Pg	8:06:10.67	0.01
			Sg	06:24.78	-2.05
PKSM	116.4	162	Pg	8:06:10.86	0.14
			Sg	06:25.27	-1.67

1301.

2022-08-08 time: 8:10:02.15 UTC ML= 1.5
 lat: 48.516N lon: 17.505E h= 0.0 km
 erh= 1.6km erz= 395km
 nr= 7 gap=145 rms=0.26
 Locality: Czech and Slovak Republics
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	5.6	267	Pg	8:10:02.88			-0.28
			Sg	10:03.74			-0.20
MODS	23.2	227	Pg	8:10:06.56			0.28
			Sg	10:09.30			-0.21
VYHS	98.4	91	Pg	8:10:20.02			0.30
			Sg	10:33.09			-0.33
KRUC	101.6	307	Sg	8:10:34.58			0.13

1302.

2022-08-08 time: 8:29:10.69 UTC ML= 1.7
 lat: 48.513N lon: 17.522E h= 0.0 km
 erh= 1.9km erz= 4.8km
 nr= 7 gap=145 rms=0.50
 Locality: Czech and Slovak Republics
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	6.9	271	PgU	8:29:12.00			0.08
			Sg	29:12.77			-0.11
MODS	23.8	229	Pg	8:29:15.56			0.62
			Sg	29:18.01			-0.24
VYHS	97.2	91	Sg	8:29:41.21			-0.37
KRUC	102.9	306	Sg	8:29:43.24			-0.15
CONA	139.4	242	Sn	8:29:52.01			-2.14

1303.

2022-08-09 time: 6:13:27.65 UTC ML= 1.8
 lat: 47.117N lon: 19.369E h= 0.0 km
 erh= 4.4km erz= 703km
 nr= 10 gap=185 rms=0.58
 Locality: Örkény
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	17.6	244	Pg	6:13:31.14			0.35
			Sg	13:33.49			0.25
PENC	75.2	355	Pg	6:13:41.51			0.44
PKB5	75.5	220	Pg	6:13:41.75			0.62
PSZ	97.5	24	Pg	6:13:44.33			-0.73
PKS9	101.9	235	Pg	6:13:45.51			-0.34
MORH	114.5	209	Pg	6:13:48.48			0.38
			Sg	14:02.84			-1.21
PKSM	115.0	209	Pg	6:13:48.23			0.04
			Sg	14:02.57			-1.64

Hypocenter Parameters

1304.

2022-08-09 time: 8:39:04.76 UTC ML= 1.3
 lat: 48.532N lon: 20.756E h= 0.0 km
 erh= 3.5km erz= 385km
 nr= 5 gap=231 rms=0.23
 Locality: Komjáti
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	20.7	255	Pg	8:39:08.41		-0.04	
			Sg	39:11.48		0.16	
ABAH	44.4	126	Sg	8:39:19.03		0.16	
PSZ	93.5	223	Pg	8:39:21.53		0.07	
			Sg	39:33.78		-0.70	

1305.

2022-08-09 time: 9:10:52.51 UTC ML= 1.2
 lat: 48.598N lon: 20.354E h= 0.0 km
 erh= 3.9km erz= 636km
 nr= 6 gap=239 rms=0.38
 Locality: Czech and Slovak Republics
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	16.1	143	Pg	9:10:55.17		-0.21	
			Sg	10:57.28		-0.34	
PSZ	83.0	204	Pg	9:11:07.49		0.16	
			Sg	11:19.19		0.31	
VYHS	112.7	264	Pg	9:11:13.03		0.39	
			Sg	11:27.33		-1.00	

1306.

2022-08-09 time: 9:34:46.66 UTC ML= 1.5
 lat: 48.971N lon: 16.451E h= 0.0 km
 erh= 3.3km erz= 4.0km
 nr= 8 gap=143 rms=0.51
 Locality: Czechia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KRUC	10.9	338	PgU	9:34:48.92		0.31	
			Sg	34:49.89		-0.24	
MORC	119.6	41	Sg	9:35:24.35		-0.34	
CONA	123.9	201	Pg	9:35:08.82		0.05	
			Sg	35:25.17		-0.86	
KRLC	125.2	11	Sg	9:35:26.01		-0.43	
RONA	141.8	185	Pn	9:35:12.30		0.93	
			Sn	35:30.13		-0.52	

1307.

2022-08-09 time: 9:47:48.97 UTC ML= 2.2
 lat: 45.507N lon: 16.115E h= 8.7 km
 erh= 2.9km erz= 1.9km
 nr= 17 gap=170 rms=0.63
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZAG	37.0	345	Pg	9:47:55.27		-0.48	
PTJ	45.3	344	Pg	9:47:56.73		-0.48	
			Sg	48:03.46		-0.17	
CRES	62.3	305	Pg	9:48:00.46		0.26	
			Sg	48:08.55		-0.41	
RCF6	92.6	353	Pg	9:48:06.31		0.74	
			Sg	48:17.79		-0.74	
KOGS	105.1	6	Pg	9:48:08.31		0.51	
			Sg	48:21.39		-1.10	
GROS	116.2	336	Pn	9:48:09.96		0.58	
			Sn	48:24.20		-1.10	
BLY	119.1	135	Pn	9:48:09.58		-0.16	

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
PERS	147.3	328	Sn	48:24.20		-1.75	
			Pn	9:48:14.16		0.90	
			Sn	48:32.69		0.48	
SOKA	154.7	327	Sn	9:48:34.22		0.37	
PKSV	171.8	76	Sn	9:48:38.01		0.36	

1308.

2022-08-09 time: 10:30:40.59 UTC ML= 1.3
 lat: 48.054N lon: 19.636E h= 0.0 km
 erh= 1.3km erz= 361km
 nr= 6 gap=128 rms=0.21
 Locality: Sóshartyán
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	24.5	128	Pg	10:30:45.23		0.26	
			Sg	30:47.97		-0.41	
PENC	39.5	222	Pg	10:30:47.50		-0.15	
			Sg	30:53.29		0.14	
VYHS	76.9	309	Sg	10:31:05.03		0.00	
ABAH	122.3	77	Sg	10:31:19.43		-0.02	

1309.

2022-08-10 time: 7:30:14.49 UTC ML= 1.2
 lat: 48.600N lon: 20.809E h= 0.0 km
 erh= 1.3km erz= 1.9km
 nr= 10 gap= 93 rms=0.57
 Locality: Czech and Slovak Republics
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	27.2	241	Pg	7:30:19.30		-0.06	
			Sg	30:23.61		0.46	
ABAH	46.5	137	Pg	7:30:23.06		0.27	
			Sg	30:29.13		-0.13	
NIE	98.0	338	Pg	7:30:32.69		0.70	
PSZ	101.8	222	Sg	7:30:46.87		0.01	
KOLS	113.8	71	Sg	7:30:50.28		-0.38	
TRPA	138.4	112	Sn	7:30:55.40		-2.34	
VYHS	146.2	265	Pn	7:30:39.75		-0.01	
			Sn	30:58.22		-1.24	

1310.

2022-08-10 time: 7:36:00.62 UTC ML= 1.6
 lat: 48.856N lon: 21.585E h= 4.0 km
 erh= 3.4km erz= 5.4km
 nr= 8 gap=136 rms=0.63
 Locality: out of Hungary
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOLS	51.2	80	Pg	7:36:10.14		0.35	
			Sg	36:15.96		-0.98	
ABAH	67.3	202	Pg	7:36:12.86		0.19	
			Sg	36:21.69		-0.38	
KECS	91.0	243	Pg	7:36:17.58		0.69	
			Sg	36:27.82		-1.76	
NIE	111.9	304	Pg	7:36:20.37		-0.25	
PSZ	163.0	230	Sn	7:36:48.90		0.50	

1311.

2022-08-10 time: 7:40:38.40 UTC ML= 1.5
 lat: 48.832N lon: 16.134E h= 0.0 km
 erh= 3.4km erz= 2.9km
 nr= 15 gap=130 rms=1.00
 Locality: Czechia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KRUC	32.0	37	PgU	7:40:45.04		0.93	

Földrengés paraméterek

Hypocenter Parameters

		Sg	40:48.37	-0.19	
ABNA	54.5 251	Pg	7:40:49.00	0.86	
		Sg	40:55.67	-0.07	
WINA	80.7 183	Pg	7:40:53.14	0.33	
CONA	102.5 191	Pg	7:40:56.98	0.28	
		Sg	41:09.38	-1.59	
RONA	126.5 175	Pg	7:41:00.93	-0.06	
		Sg	41:15.89	-2.71	
KRLC	146.1 19	Sn	7:41:21.99	-1.35	
MORC	146.8 44	Pn	7:41:04.50	0.76	
		Sn	41:21.24	-2.26	
MOA	176.4 232	Pn	7:41:08.76	1.33	
		Sn	41:29.57	-0.50	
ARSA	181.6 195	Sn	7:41:30.59	-0.64	

1312.

2022-08-10 time: 8:55:34.61 UTC ML= 1.8
lat: 46.820N lon: 17.312E h= 0.0 km
erh= 2.8km erz= 6.5km
nr= 12 gap=118 rms=0.92
Locality: Lesencefalu
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	42.6	24	Pg	8:55:42.99	0.77		
			Sg	55:47.76	-0.39		
TIH	45.2	79	Sg	8:55:49.48	0.52		
EGYH	66.4	1	Sg	8:55:56.06	0.33		
PKST	73.5	48	Pg	8:55:47.73	0.01		
			Sg	55:57.23	-0.72		
KOGS	91.2	243	Sg	8:56:02.63	-0.97		
CSKK	94.0	50	Pg	8:55:51.83	0.44		
			Sg	56:03.65	-0.83		
KOVH	101.3	143	Pg	8:55:54.00	1.30		
			Sg	56:05.26	-1.56		
SRO	133.9	34	Sn	8:56:14.37	-2.48		

1313.

2022-08-10 time: 9:00:14.59 UTC ML= 2.1
lat: 45.614N lon: 17.294E h= 0.0 km
erh= 2.2km erz= 3.1km
nr= 21 gap=117 rms=0.94
Locality: Croatia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	80.5	68	Pg	9:00:29.70	0.72		
			Sg	00:40.27	0.07		
KOVH	81.8	50	Pg	9:00:30.07	0.87		
			Sg	00:40.58	-0.02		
BLY	96.6	185	Pg	9:00:32.63	0.79		
			Sg	00:43.89	-1.41		
BEHE	103.2	337	Pg	9:00:34.43	1.40		
			Sg	00:47.78	0.38		
PTJ	108.7	287	Pg	9:00:34.37	0.37		
			Sg	00:48.12	-1.01		
KOGS	122.9	319	Pg	9:00:37.36	0.82		
			Sg	00:51.93	-1.74		
PKSM	123.8	58	Pg	9:00:36.30	-0.41		
			Sg	00:52.52	-1.44		
MORH	124.3	57	Pg	9:00:36.34	-0.44		
			Sg	00:52.40	-1.69		
RCF6	130.7	308	Sn	9:00:54.16	-1.95		
PKB4	141.0	46	Pn	9:00:39.54	0.33		
			Sn	00:57.60	-0.81		
CRES	144.9	279	Pn	9:00:39.89	0.19		
			Sn	00:57.38	-1.90		

1314.

2022-08-10 time: 9:04:10.16 UTC ML= 1.5
lat: 48.433N lon: 17.233E h= 0.0 km
erh= 1.2km erz= 452km
nr= 11 gap= 99 rms=0.36
Locality: Czech and Slovak Republics
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	7.4	154	PgU	9:04:11.24	-0.24		
			Sg	04:12.86	0.36		
SMOL	17.0	58	Pg	9:04:13.09	-0.12		
			Sg	04:16.77	1.19		
KRUC	93.2	319	Pg	9:04:26.71	-0.10		
			Sg	04:40.01	0.22		
RONA	107.3	221	Pg	9:04:29.22	-0.11		
			Sg	04:44.16	-0.12		
CONA	116.4	241	Pg	9:04:31.64	0.69		
			Sg	04:46.66	-0.50		
VYHS	118.8	87	Pg	9:04:31.09	-0.28		

1315.

2022-08-10 time: 10:00:22.56 UTC ML= 1.4
lat: 48.148N lon: 16.890E h= 0.0 km
erh= 4.4km erz= ***km
nr= 7 gap=173 rms=0.67
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	38.2	49	Pg	10:00:29.60	0.22		
			Sg	00:34.30	-0.40		
RONA	66.7	222	Pg	10:00:34.30	-0.18		
			Sg	00:42.75	-1.02		
CONA	80.5	252	Pg	10:00:38.06	1.12		
			Sg	00:48.23	0.08		
KRUC	108.0	340	Sg	10:00:55.98	-0.92		

1316.

2022-08-10 time: 10:45:15.28 UTC ML= 1.5
lat: 48.019N lon: 20.124E h= 0.0 km
erh= 2.6km erz= 637km
nr= 8 gap=167 rms=0.46
Locality: Pétervására
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	20.5	237	Pg	10:45:19.13	0.19		
			Sg	45:22.10	0.31		
KECS	58.2	27	Sg	10:45:34.07	0.29		
PENC	67.9	248	Sg	10:45:36.03	-0.84		
ABAH	88.5	70	Pg	10:45:31.26	0.17		
			Sg	45:43.00	-0.42		
VYHS	109.3	299	Pg	10:45:35.09	0.29		
			Sg	45:48.71	-1.31		

1317.

2022-08-10 time: 11:01:46.20 UTC ML= 1.5
lat: 45.972N lon: 22.318E h= 0.0 km
erh= 2.4km erz= 758km
nr= 8 gap=133 rms=0.54
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SIRR	60.5	303	Pg	11:01:58.01	1.00		
			Sg	02:04.74	-0.70		
BZS	67.3	234	Pg	11:01:58.33	0.10		
			Sg	02:06.93	-0.68		
GZR	73.6	151	Pg	11:01:59.73	0.38		

Hypocenter Parameters

DRGR	96.0	18	Sg	02:09.28	-0.32
			Pg	11:02:03.02	-0.32
			Sg	02:16.33	-0.38

1318.

2022-08-11 time: 6:17:08.79 UTC ML= 1.4
 lat: 46.033N lon: 22.866E h= 0.0 km
 erh= 4.5km erz= ***km
 nr= 8 gap=178 rms=0.79
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	16.9	170	Pg	6:17:12.41		0.60	
			Sg	17:14.45		0.29	
GZR	71.5	186	Pg	6:17:21.33		-0.22	
			Sg	17:30.72		-0.78	
DRGR	85.1	352	Sg	6:17:34.64		-1.21	
SIRR	96.8	286	Pg	6:17:26.97		0.90	
			Sg	17:39.88		0.34	
BZS	107.5	245	Sg	6:17:41.29		-1.68	

1319.

2022-08-11 time: 7:00:32.00 UTC ML= 1.5
 lat: 48.320N lon: 19.843E h= 0.0 km
 erh= 2.6km erz= 986km
 nr= 11 gap= 91 rms=0.79
 Locality: Czech and Slovak Republics
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	44.8	175	Pg	7:00:40.42		0.42	
			Sg	00:46.06		-0.19	
KECS	50.9	69	Pg	7:00:41.36		0.27	
			Sg	00:48.72		0.54	
PENC	72.2	215	Sg	7:00:54.43		-0.53	
VYHS	77.0	285	Pg	7:00:46.37		0.61	
			Sg	00:55.45		-1.04	
ABAH	103.6	91	Pg	7:00:51.07		0.57	
			Sg	01:02.88		-2.05	
NIE	127.0	16	Pg	7:00:54.75		0.08	
			Sg	01:09.93		-2.43	

1320.

2022-08-11 time: 8:51:30.36 UTC ML= 0.9
 lat: 47.318N lon: 18.467E h= 0.0 km
 erh= 1.1km erz= 2.4km
 nr= 8 gap=116 rms=0.41
 Locality: Pátká
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	16.4	288	Pg	8:51:33.52		0.23	
			Sg	51:35.16		-0.41	
PKST	33.4	259	Pg	8:51:36.65		0.33	
			Sg	51:40.87		-0.10	
MORH	123.3	174	Sg	8:52:09.44		-0.11	
PKSM	123.7	174	Sg	8:52:09.19		-0.49	
PSZ	126.4	58	Sg	8:52:11.13		0.59	
VYHS	133.6	12	Sn	8:52:11.61		-0.94	

1321.

2022-08-11 time: 9:10:56.99 UTC ML= 1.4
 lat: 47.821N lon: 19.053E h= 0.0 km
 erh= 3.4km erz= 947km
 nr= 7 gap=130 rms=0.62
 Locality: Verőce
 Comments: probably explosion

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
PENC	17.4	101	Pg	9:11:00.60		0.49	
			Sg	11:02.36		-0.18	
PSZ	63.9	80	Pg	9:11:08.66		0.26	
			Sg	11:16.05		-1.25	
VYHS	76.6	348	Sg	9:11:21.22		-0.11	
PKST	98.9	231	Pg	9:11:15.11		0.45	
			Sg	11:27.16		-1.28	

1322.

2022-08-11 time: 9:19:31.45 UTC ML= 1.9
 lat: 48.644N lon: 18.631E h= 0.0 km
 erh= 2.2km erz= 2.5km
 nr= 22 gap= 80 rms=1.00
 Locality: Czech and Slovak Republics
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	22.5	138	Pg	9:19:36.31		0.83	
			Sg	19:39.91		1.30	
LANS	83.3	47	Pg	9:19:45.86		-0.47	
			Sg	19:57.89		-0.05	
SMOL	89.9	261	Pg	9:19:48.99		1.49	
			Sg	19:59.79		-0.23	
SRO	95.3	194	Sg	9:20:01.18		-0.57	
MODS	104.4	253	Pg	9:19:49.93		-0.17	
			Sg	20:04.31		-0.33	
PSZ	123.7	131	Pg	9:19:53.68		0.13	
			Sg	20:08.61		-2.17	
PBUD	134.1	168	Sn	9:20:11.59		-2.14	
KECS	138.1	97	Pn	9:19:55.78		0.08	
			Sn	20:12.42		-2.20	
CSKK	145.1	191	Pn	9:19:56.87		0.30	
			Sn	20:14.95		-1.22	
MORC	148.9	328	Pn	9:19:56.87		-0.18	
			Sn	20:15.34		-1.68	
NIE	150.2	55	Pn	9:19:58.75		1.53	
			Sn	20:17.69		0.38	
PKST	160.3	196	Pn	9:19:59.38		0.91	
			Sn	20:18.32		-1.23	

1323.

2022-08-11 time: 9:26:02.32 UTC ML= 0.9
 lat: 45.995N lon: 18.538E h= 0.0 km
 erh= 6.3km erz= ***km
 nr= 10 gap=223 rms=0.91
 Locality: Szajk
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	25.1	242	Pg	9:26:06.70		-0.10	
			Sg	26:10.06		-0.24	
PKSM	25.4	18	Pg	9:26:06.93		0.07	
			Sg	26:10.09		-0.31	
MORH	25.9	18	Pg	9:26:07.17		0.22	
			Sg	26:10.14		-0.42	
KOVH	35.5	287	Pg	9:26:08.30		-0.35	
			Sg	26:12.88		-0.71	
PKB4	56.0	5	Pg	9:26:14.35		2.03	
PKB5	68.5	13	Sg	9:26:21.12		-2.96	

1324.

2022-08-11 time: 10:54:34.17 UTC ML= 1.4
 lat: 48.628N lon: 20.174E h= 0.0 km
 erh= 3.7km erz= 402km
 nr= 5 gap=280 rms=0.18
 Locality: Czech and Slovak Republics
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	28.1	125	Pg	10:54:39.20		0.02	
			Sg	54:43.35		0.25	

Földrengés paraméterek

PSZ	81.6	195	Pg	10:54:48.83	0.10
			Sg	54:59.94	-0.15
ABAH	87.0	115	Sg	10:55:01.43	-0.40

1325.

2022-08-11 time: 11:47:00.40 UTC ML= 1.3
lat: 47.860N lon: 16.055E h= 0.0 km
erh= 3.0km erz= 6.8km
nr= 9 gap= 87 rms=0.95
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	16.3	298	Pg	11:47:04.17	0.85		
			Sg	47:06.36	0.76		
RONA	25.4	135	Pg	11:47:05.73	0.80		
			Sg	47:09.33	0.86		
ARSA	78.7	211	Pg	11:47:14.11	-0.35		
			Sg	47:23.89	-1.54		
MODS	107.4	58	Sg	11:47:33.99	-0.56		
KRUC	136.0	11	Pn	11:47:23.58	-0.81		
			Sn	47:39.70	-3.40		

1326.

2022-08-12 time: 5:29:31.20 UTC ML= 1.5
lat: 47.291N lon: 18.368E h= 0.0 km
erh= 2.5km erz= 3.4km
nr= 14 gap=111 rms=0.76
Locality: Magyaralmás
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	11.4	315	Pg	5:29:33.36	0.12		
			Sg	29:34.93	0.10		
PKST	25.5	262	Pg	5:29:35.63	-0.11		
			Sg	29:38.68	-0.61		
MPLH	64.1	258	Pg	5:29:42.97	0.32		
MORH	121.3	170	Pg	5:29:53.89	1.02		
			Sg	30:08.37	-1.40		
PKSM	121.7	170	Pg	5:29:53.89	0.95		
			Sg	30:08.69	-1.20		
PSZ	134.4	59	Pn	5:29:55.73	0.75		
			Sn	30:12.63	-0.91		
KOVH	135.2	189	Sn	5:30:12.32	-1.41		
VYHS	138.3	15	Pn	5:29:55.42	-0.06		
			Sn	30:13.18	-1.23		

1327.

2022-08-12 time: 6:51:20.69 UTC ML= 1.3
lat: 47.267N lon: 18.343E h= 0.0 km
erh= 3.4km erz= 7.1km
nr= 9 gap=154 rms=0.54
Locality: Sárkereszes
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	12.4	330	Pg	6:51:22.92	0.02		
			Sg	51:24.09	-0.54		
PKST	23.4	268	Pg	6:51:25.15	0.29		
			Sg	51:27.93	-0.18		
MORH	119.1	169	Pg	6:51:42.64	0.69		
			Sg	51:57.44	-1.10		
PKSM	119.5	169	Pg	6:51:42.49	0.47		
			Sg	51:57.43	-1.23		
VYHS	141.4	15	Pn	6:51:45.15	-0.20		

Hypocenter Parameters

1328.

2022-08-12 time: 7:12:07.99 UTC ML= 1.2
lat: 47.994N lon: 16.600E h= 0.0 km
erh= 2.9km erz= 749km
nr= 8 gap=135 rms=0.55
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SOP	34.7	185	Sg	7:12:18.24	-0.79		
RONA	39.9	215	Pg	7:12:15.34	0.23		
			Sg	12:20.44	-0.22		
CONA	55.6	262	Pg	7:12:18.48	0.57		
			Sg	12:25.52	-0.14		
MODS	65.7	50	Pg	7:12:19.97	0.25		
ARSA	115.7	224	Sg	7:12:44.31	-0.46		
KRUC	119.6	353	Sg	7:12:43.60	-2.42		

1329.

2022-08-12 time: 7:47:07.02 UTC ML= 1.1
lat: 48.458N lon: 19.545E h= 0.0 km
erh= 2.5km erz= 562km
nr= 6 gap=173 rms=0.33
Locality: Czech and Slovak Republics
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	52.6	274	Pg	7:47:16.47	0.06		
			Sg	47:23.44	-0.29		
PSZ	65.4	157	Pg	7:47:18.90	0.20		
			Sg	47:27.51	-0.30		
KECS	69.6	88	Pg	7:47:19.76	0.31		
			Sg	47:28.29	-0.85		

1330.

2022-08-12 time: 7:56:05.12 UTC ML= 1.8
lat: 48.213N lon: 21.258E h= 0.0 km
erh= 1.3km erz=13.7km
nr= 11 gap=157 rms=0.35
Locality: MÁD
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	9.3	352	Pg	7:56:06.90	0.11		
			Sg	56:08.58	0.49		
KECS	64.7	298	Pg	7:56:16.88	0.21		
			Sg	56:24.90	-0.77		
TRPA	95.7	95	Pg	7:56:22.08	-0.13		
			Sg	56:35.23	-0.32		
PSZ	106.8	252	Pg	7:56:24.31	0.12		
			Sg	56:38.83	-0.23		
KOLS	109.7	43	Pg	7:56:25.09	0.39		
			Sg	56:39.46	-0.52		
NIE	151.0	333	Sn	7:56:49.00	-2.15*		

1331.

2022-08-12 time: 8:34:52.60 UTC ML= 1.7
lat: 48.621N lon: 20.718E h= 0.0 km
erh= 3.7km erz= 4.7km
nr= 11 gap=169 rms=0.99
Locality: Czech and Slovak Republics
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	23.0	228	Pg	8:34:57.67	0.97		
			Sg	35:00.05	0.14		
ABAH	52.9	133	Pg	8:35:03.03	0.99		
			Sg	35:08.74	-0.67		
PSZ	99.2	218	Sg	8:35:22.75	-1.38		
LANS	108.9	303	Pg	8:35:12.30	0.24		

Hypocenter Parameters

VYHS 139.6 264	Sg	35:26.23	-1.00
	Pn	8:35:17.47	0.43
	Sn	35:33.82	-2.29
TRPA 145.6 112	Pn	8:35:17.86	0.08
	Sn	35:33.75	-3.68

1332.

2022-08-12 time: 9:19:55.33 UTC ML= 2.1
 lat: 46.093N lon: 21.706E h= 0.0 km
 erh= 2.7km erz= 6.9km
 nr= 11 gap=103 rms=0.83
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
SIRR	19.7	349	PgU	9:19:59.20	0.36	
			Sg	20:01.76	0.18	
BZS	53.4	187	PgU	9:20:05.39	0.52	
			Sg	20:12.27	-0.05	
AMBH	80.9	291	Pg	9:20:09.95	0.18	
			Sg	20:19.89	-1.14	
DRGR	109.5	45	Pg	9:20:15.29	0.41	
			Sg	20:27.81	-2.32	
GZR	114.0	133	Pg	9:20:16.51	0.83	
			Sg	20:30.03	-1.53	
DJES	174.5	158	Sn	9:20:44.85	-1.73	

1333.

2022-08-12 time: 9:24:56.46 UTC ML= 0.7
 lat: 47.208N lon: 18.311E h= 0.0 km
 erh= 3.5km erz= 776km
 nr= 6 gap=180 rms=0.45
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
CSKK	17.6	347	Pg	9:24:59.99	0.38	
			Sg	25:01.29	-0.77	
PKST	21.7	285	Pg	9:25:00.73	0.40	
			Sg	25:02.74	-0.61	
MORH	113.3	167	Sg	9:25:32.18	-0.28	
PKSM	113.6	167	Sg	9:25:32.57	-0.01	

1334.

2022-08-12 time: 9:42:32.68 UTC ML= 1.2
 lat: 48.498N lon: 19.553E h= 0.0 km
 erh= 3.2km erz= ***km
 nr= 8 gap=111 rms=0.81
 Locality: Czech and Slovak Republics
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
VYHS	53.0	269	Pg	9:42:42.86	0.72	
			Sg	42:49.44	-0.08	
KECS	69.0	91	Pg	9:42:45.84	0.85	
			Sg	42:53.74	-0.86	
PSZ	69.3	159	Pg	9:42:45.37	0.32	
			Sg	42:52.96	-1.74	
LANS	72.8	355	Sg	9:42:54.92	-0.90	
NIE	116.5	29	Sg	9:43:09.08	-0.64	

1335.

2022-08-13 time: 7:56:41.94 UTC ML= 1.3
 lat: 46.532N lon: 21.247E h= 14.5 km
 erh= 2.5km erz= 1.7km
 nr= 7 gap=192 rms=0.32
 Locality: Elek
 Comments:

Földrengés paraméterek

sta	dist	azm	phase	hr mn	sec	res
SIRR	43.3	133	Pg	7:56:50.16	0.07	
			Sg	56:56.61	0.17	
AMBH	44.9	243	Pg	7:56:50.12	-0.25	
			Sg	56:56.92	-0.02	
BZS	105.7	164	Sn	7:57:14.51	-0.10	
DRGR	115.7	76	Pn	7:57:01.96	0.42	
			Sn	57:15.83	-0.99	

1336.

2022-08-13 time: 7:58:57.45 UTC ML= 1.5
 lat: 46.561N lon: 21.238E h= 16.1 km
 erh= 6.6km erz= 3.8km
 nr= 9 gap=198 rms=0.97
 Locality: Elek
 Comments:

sta	dist	azm	phase	hr mn	sec	res
AMBH	45.8	239	Sg	7:59:12.18	-0.69	
SIRR	46.0	135	Pg	7:59:06.16	0.02	
			Sg	59:12.65	-0.28	
BZS	108.9	164	Pn	7:59:16.72	0.72	
			Sn	59:29.25	-1.22	
DRGR	115.6	77	Pn	7:59:16.80	-0.03	
			Sn	59:30.74	-1.22	
GZR	176.2	137	Pn	7:59:27.49	3.10	
			Sn	59:45.25	-0.15	

1337.

2022-08-15 time: 6:55:07.42 UTC ML= 1.2
 lat: 45.858N lon: 18.417E h= 0.0 km
 erh= 1.7km erz= 237km
 nr= 8 gap=261 rms=0.17
 Locality: Nagyharsány
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKSV	13.2	285	Pg	6:55:09.65	-0.14	
			Sg	55:11.76	0.12	
KOVH	35.5	316	Pg	6:55:14.03	0.26	
			Sg	55:18.33	-0.38	
PKSM	43.0	24	Pg	6:55:15.05	-0.06	
			Sg	55:20.92	-0.18	
MORH	43.5	24	Pg	6:55:15.28	0.09	
			Sg	55:21.31	0.06	

1338.

2022-08-15 time: 7:44:10.68 UTC ML= 1.6
 lat: 48.671N lon: 21.435E h= 0.0 km
 erh= 3.1km erz= 6.0km
 nr= 10 gap= 74 rms= 0.91
 Locality: out of Hungary
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
ABAH	44.1	199	Sg	7:44:24.70	0.01	
KOLS	68.2	65	Pg	7:44:23.31	0.46	
			Sg	44:30.92	-1.42	
KECS	73.1	253	Sg	7:44:33.74	-0.16	
STHS	84.2	350	Sg	7:44:37.61	0.19	
TRPA	101.5	126	Pg	7:44:29.99	1.20	
			Sg	44:41.57	-1.36	
NIE	116.8	315	Sg	7:44:46.22	-1.59	
PSZ	141.6	234	Pn	7:44:36.09	0.72	
			Sn	44:53.97	-0.66	

Földrengés paraméterek

1339.

2022-08-15 time: 8:28:35.84 UTC ML= 1.6
 lat: 48.603N lon: 17.507E h= 0.0 km
 erh= 2.0km erz= 2.8km
 nr= 14 gap=113 rms=0.67
 Locality: Czech and Slovak Republics
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	11.5	210	Pg	8:28:38.24		0.34	
			Sg	28:39.41		-0.09	
MODS	30.7	214	PgU	8:28:41.45		0.13	
			Sg	28:45.49		-0.10	
KRUC	96.2	302	Sg	8:29:07.12		0.69	
VYHS	98.9	97	Pg	8:28:54.29		0.79	
			Sg	29:06.56		-0.72	
MORC	130.5	1	Pg	8:28:58.67		-0.48	
			Sg	29:16.75		-0.58	
RONA	134.9	222	Pn	8:28:59.37		-0.33	
			Sn	29:16.74		-1.57	
CONA	143.4	238	Pn	8:29:00.86		0.11	
			Sn	29:19.09		-1.09	
ARSA	211.2	225	Pn	8:29:10.96		1.75	
			Sn	29:38.74		3.50*	

1340.

2022-08-15 time: 8:49:59.52 UTC ML= 1.5
 lat: 46.119N lon: 18.042E h= 0.0 km
 erh= 1.9km erz= 346km
 nr= 10 gap=250 rms=0.27
 Locality: Bükkösd
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	5.6	128	PgU	8:50:00.68		0.15	
			Sg	50:01.78		0.47	
PKSV	30.4	148	Pg	8:50:04.99		0.04	
			Sg	50:08.71		-0.47	
PKSM	47.4	77	Pg	8:50:07.98		0.00	
			Sg	50:14.38		-0.20	
MORH	47.7	77	Pg	8:50:08.06		0.02	
			Sg	50:14.34		-0.34	
PKB4	60.2	46	Pg	8:50:10.70		0.43	
PKB1	93.7	38	Pg	8:50:15.91		-0.35	

1341.

2022-08-15 time: 10:37:12.85 UTC ML= 1.4
 lat: 48.553N lon: 20.774E h= 0.0 km
 erh= 2.9km erz= 4.5km
 nr= 10 gap= 93 rms=0.84
 Locality: Komjáti
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	22.7	250	Pg	10:37:17.09		0.18	
			Sg	37:20.22		0.15	
ABAH	44.8	130	Pg	10:37:21.00		0.16	
			Sg	37:26.80		-0.28	
PSZ	96.2	223	Pg	10:37:30.86		0.83	
			Sg	37:42.60		-0.84	
NIE	102.0	341	Pg	10:37:31.88		0.81	
KOLS	118.0	69	Sg	10:37:48.55		-1.82	
VYHS	143.3	267	Sn	10:37:54.81		-2.37	
OJC	198.4	339	Sn	10:38:09.37		-0.03	

Hypocenter Parameters

1342.

2022-08-15 time: 12:47:22.83 UTC ML= 1.4
 lat: 48.370N lon: 19.837E h= 0.0 km
 erh= 2.5km erz= 874km
 nr= 10 gap=105 rms=0.69
 Locality: Czech and Slovak Republics
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	49.6	75	Pg	12:47:32.19		0.50	
			Sg	47:38.13		-0.48	
PSZ	50.4	175	Pg	12:47:32.19		0.36	
			Sg	47:38.76		-0.09	
VYHS	75.3	281	Pg	12:47:36.76		0.48	
			Sg	47:45.80		-0.98	
ABAH	104.3	95	Pg	12:47:41.58		0.12	
			Sg	47:54.49		-1.50	
NIE	121.8	17	Pg	12:47:45.02		0.44	
			Sg	47:59.34		-2.20	

1343.

2022-08-16 time: 6:56:34.09 UTC ML= 1.7
 lat: 48.619N lon: 18.503E h= 0.0 km
 erh= 3.5km erz= 4.8km
 nr= 12 gap=105 rms=1.12
 Locality: Czech and Slovak Republics
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	28.2	120	Pg	6:56:39.75		0.62	
			Sg	56:43.74		0.67	
LANS	92.2	50	Pg	6:56:52.63		2.09	
			Sg	57:02.25		-1.13	
MODS	94.6	253	Pg	6:56:51.88		0.89	
			Sg	57:03.27		-0.90	
PENC	108.8	148	Sg	6:57:08.24		-0.43	
PSZ	129.4	127	Pg	6:56:56.58		-0.61	
			Sg	57:13.33		-1.89	
MORC	146.5	331	Pn	6:56:59.79		0.40	
			Sn	57:18.06		-1.07	
KECS	147.1	96	Sn	6:57:17.51		-1.75	

1344.

2022-08-16 time: 7:36:19.75 UTC ML= 1.1
 lat: 45.872N lon: 18.406E h= 0.0 km
 erh= 1.1km erz= 176km
 nr= 8 gap=253 rms=0.13
 Locality: Villánykövesd
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	12.1	279	Pg	7:36:21.75		-0.15	
			Sg	36:23.43		-0.15	
KOVH	33.8	315	Pg	7:36:26.03		0.25	
			Sg	36:30.57		0.08	
PKSM	42.0	26	PgU	7:36:27.30		0.05	
			Sg	36:33.07		-0.02	
MORH	42.5	26	PgU	7:36:27.32		-0.02	
			Sg	36:33.15		-0.10	

1345.

2022-08-16 time: 8:18:52.14 UTC ML= 1.1
 lat: 47.079N lon: 18.008E h= 0.0 km
 erh= 1.4km erz= 518km
 nr= 9 gap=113 rms=0.39
 Locality: Litér
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	20.1	6	Pg	8:18:55.35		-0.37	

Hypocenter Parameters

		Sg	18:57.93	-0.59	
CSKK	36.9	31	Sg	8:19:04.20	0.34
MPLH	37.0	286	Pg	8:18:59.27	0.52
		Sg	19:03.57	-0.33	
PKSG	45.2	40	Sg	8:19:06.93	0.42
MORH	107.6	153	Sg	8:19:26.50	0.14
PKSM	107.9	153	Sg	8:19:26.19	-0.26
KOVH	110.4	176	Sg	8:19:27.21	-0.03

1346.

2022-08-16 time: 8:56:07.09 UTC ML= 1.5
lat: 48.646N lon: 20.784E h= 0.0 km
erh= 4.6km erz= 4.4km
nr= 11 gap=170 rms=0.90
Locality: Czech and Slovak Republics
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	28.5	230	Pg	8:56:12.64		0.45	
			Sg	56:15.69		-0.47	
ABAH	51.5	139	Pg	8:56:16.71		0.42	
			Sg	56:23.51		0.04	
PSZ	104.5	219	Pg	8:56:27.09		1.34	
			Sg	56:39.32		-0.97	
KOLS	114.0	74	Sg	8:56:41.83		-1.50	
TRPA	142.1	114	Pn	8:56:32.15		0.30	
			Sn	56:49.11		-2.04	
VYHS	144.7	263	Pn	8:56:32.52		0.35	
			Sn	56:50.36		-1.38	

1347.

2022-08-16 time: 11:41:13.09 UTC ML= 1.6
lat: 47.316N lon: 18.438E h= 0.0 km
erh= 1.7km erz= 9.4km
nr= 11 gap=114 rms=0.59
Locality: Zámoly
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	9.1	337	PgU	11:41:14.76		0.04	
			Sg	41:15.25		-0.74	
CSKK	14.4	291	Pg	11:41:16.01		0.35	
			Sg	41:17.62		-0.04	
PKST	31.2	258	Pg	11:41:19.38		0.72	
			Sg	41:22.04		-0.96	
MORH	123.4	173	Sg	11:41:51.72		-0.58	
PKSM	123.8	173	Sg	11:41:52.15		-0.28	
PSZ	128.3	59	Pg	11:41:36.59		0.59	
			Sg	41:53.41		-0.47	
VYHS	134.3	13	Sn	11:41:52.78		-2.63	

1348.

2022-08-16 time: 11:53:02.74 UTC ML= 1.8
lat: 46.203N lon: 16.622E h= 10.7 km
erh= 2.1km erz= 1.9km
nr= 30 gap= 65 rms=0.88
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	32.0	22	Pg	11:53:08.55		-0.21	
			Sg	53:13.63		0.18	
KOGS	39.5	314	Pg	11:53:10.40		0.35	
			Sg	53:15.51		-0.25	
RCF6	53.1	286	Sg	11:53:19.53		-0.43	
PTJ	61.5	237	Pg	11:53:13.88		0.00	
			Sg	53:21.36		-1.21	
ZAG	64.0	229	Sg	11:53:22.97		-0.39	
GROS	90.9	288	Pg	11:53:19.43		0.34	
			Sg	53:30.29		-1.55	
CRES	99.5	245	Pg	11:53:21.77		1.16	
			Sg	53:33.74		-0.81	

Földrengés paraméterek

KOVH	114.9	96	Pn	11:53:22.79	0.06
			Sn	53:36.61	-1.71
PERS	125.3	293	Pn	11:53:25.31	1.27
			Sn	53:40.26	-0.39
MPLH	128.4	33	Pn	11:53:24.92	0.50
			Sn	53:40.24	-1.08
PKSV	130.9	105	Pn	11:53:24.18	-0.55
			Sn	53:41.31	-0.57
SOKA	133.1	293	Pn	11:53:25.80	0.80
			Sn	53:42.20	-0.16
ARSA	143.6	324	Sn	11:53:44.34	-0.36
PKSM	155.8	90	Pn	11:53:26.35	-1.49
			Sn	53:48.72	1.31
PKB4	156.0	78	Sn	11:53:48.86	1.41
MORH	156.0	89	Pn	11:53:26.60	-1.26
PKST	159.5	43	Pn	11:53:29.05	0.76
BLY	167.5	165	Sn	11:53:52.30	2.30
PKB5	168.3	75	Sn	11:53:52.43	2.25

1349.

2022-08-17 time: 6:42:07.74 UTC ML= 0.9
lat: 47.981N lon: 16.088E h= 0.0 km
erh= 1.1km erz= 302km
nr= 6 gap=143 rms=0.17
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	17.9	251	Pg	6:42:10.83		-0.11	
			Sg	42:13.49		0.06	
RONA	35.0	154	Pg	6:42:13.96		-0.03	
			Sg	42:18.89		0.02	
KRUC	122.3	11	Pg	6:42:29.85		0.28	
			Sg	42:46.21		-0.39	

1350.

2022-08-17 time: 6:56:38.65 UTC ML= 1.6
lat: 47.858N lon: 19.920E h= 0.0 km
erh= 3.8km erz= 863km
nr= 8 gap=197 rms=0.62
Locality: Mátraháza
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	7.0	344	Pg	6:56:39.83		-0.08	
			Sg	56:42.10		1.22	
PENC	48.4	261	Sg	6:56:54.12		0.09	
KECS	81.3	31	Sg	6:57:04.01		-0.48	
VYHS	107.3	311	Pg	6:56:58.24		0.43	
			Sg	57:10.61		-2.13	
ABAH	109.8	64	Pg	6:56:58.08		-0.17	
			Sg	57:13.40		-0.14	

1351.

2022-08-17 time: 7:15:31.91 UTC ML= 1.8
lat: 48.491N lon: 17.466E h= 0.0 km
erh= 1.6km erz= 2.2km
nr= 17 gap= 88 rms= 0.76
Locality: Czech and Slovak Republics
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	3.8	313	PgU	7:15:32.19		-0.39	
			Sg	15:33.05		-0.05	
MODS	19.1	227	Pg	7:15:35.63		0.32	
			Sg	15:38.60		0.63	
KRUC	101.1	309	Pg	7:15:50.77		0.80	
			Sg	16:03.84		-0.21	
VYHS	101.3	90	Pg	7:15:51.24		1.25	
			Sg	16:03.14		-0.96	
SOP	112.4	217	Sg	7:16:07.64		0.01	
EGYH	119.8	185	Sg	7:16:09.40		-0.58	

Földrengés paraméterek

RONA	123.8	225	Pg	7:15:54.73	0.72
			Sg	16:10.69	-0.56
CONA	134.6	242	Pn	7:15:55.55	-0.18
			Sn	16:13.31	-1.00
MORC	143.2	2	Sn	7:16:13.55	-2.65
PKST	143.4	163	Sn	7:16:15.11	-1.14
MPLH	146.9	178	Sn	7:16:15.74	-1.29

1352.

2022-08-17 time: 7:36:58.66 UTC ML= 1.5
lat: 48.646N lon: 20.784E h= 0.0 km
erh= 2.8km erz= 2.9km
nr= 9 gap=170 rms=0.66
Locality: Czech and Slovak Republics
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	28.5	231	Pg	7:37:04.25	0.50		
			Sg	37:07.50	-0.23		
ABAH	51.5	139	Pg	7:37:08.08	0.23		
			Sg	37:14.63	-0.39		
PSZ	104.4	219	Pg	7:37:18.15	0.84		
			Sg	37:31.01	-0.85		
KOLS	114.0	74	Sg	7:37:34.77	-0.12		
TRPA	142.1	114	Sn	7:37:41.00	-1.71		
VYHS	144.8	263	Sn	7:37:42.44	-0.87		

1353.

2022-08-17 time: 7:44:38.06 UTC ML= 1.7
lat: 48.567N lon: 18.795E h= 0.0 km
erh= 3.1km erz= 3.4km
nr= 13 gap=128 rms=1.06
Locality: Czech and Slovak Republics
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	8.7	159	Pg	7:44:40.15	0.54		
			Sg	44:41.24	0.43		
PENC	93.6	157	Sg	7:45:07.21	-0.61		
SMOL	101.1	267	Pg	7:44:56.74	0.63		
PSZ	109.0	131	Pg	7:44:58.53	1.01		
			Sg	45:11.55	-1.14		
MODS	114.3	259	Pg	7:44:59.92	1.46		
			Sg	45:13.18	-1.20		
KECS	125.2	94	Sg	7:45:16.05	-1.82		
PKSG	134.1	193	Sn	7:45:18.45	-1.89		
PKST	156.1	201	Sn	7:45:23.72	-1.51		
MORC	162.6	326	Pn	7:45:05.81	0.44		
			Sn	45:25.89	-0.79		

1354.

2022-08-18 time: 3:40:36.54 UTC ML= 1.2
lat: 47.090N lon: 17.530E h= 1.8 km
erh= 3.0km erz= 6.1km
nr= 9 gap=104 rms=0.63
Locality: Kolontár
Comments:

sta	dist	azm	phase	hr	mn	sec	res
MPLH	9.0	4	PgU	3:40:37.75	-0.43		
			Sg	40:38.62	-0.83		
TIH	34.7	127	Pg	3:40:43.22	0.46		
			Sg	40:48.18	0.58		
EGYH	39.4	338	Pg	3:40:44.19	0.61		
			Sg	40:50.08	1.01		
PKST	42.6	64	Sg	3:40:49.21	-0.88		
KOGS	121.0	234	Pg	3:40:57.37	-0.79		
PKSM	129.5	139	Pn	3:40:59.63	0.14		

Hypocenter Parameters

1355.

2022-08-18 time: 6:36:17.19 UTC ML= 1.0
lat: 48.581N lon: 17.442E h= 0.0 km
erh= 2.2km erz= 4.1km
nr= 7 gap=151 rms=0.60
Locality: Czech and Slovak Republics
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	7.5	188	Pg	6:36:18.11	-0.42		
			Sg	36:19.27	-0.30		
MODS	26.0	208	Pg	6:36:22.37	0.53		
			Sg	36:26.32	0.85		
KRUC	93.7	305	Sg	6:36:47.30	0.33		
VYHS	103.4	95	Sg	6:36:49.81	-0.24		
CONA	138.0	238	Sn	6:36:58.88	-1.45		

1356.

2022-08-18 time: 7:29:44.78 UTC ML= 1.7
lat: 48.990N lon: 19.368E h= 0.0 km
erh= 2.1km erz= 4.8km
nr= 9 gap= 88 rms=0.68
Locality: Czech and Slovak Republics
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
LANS	19.3	22	Pg	7:29:48.48	0.25		
			Sg	29:51.11	0.19		
VYHS	67.6	215	Sg	7:30:06.93	0.67		
NIE	83.8	55	Sg	7:30:11.27	-0.14		
KECS	99.7	124	Pg	7:30:03.05	0.47		
			Sg	30:15.14	-1.32		
PSZ	125.3	162	Pg	7:30:07.55	0.39		
			Sg	30:23.51	-1.11		
MORC	158.9	303	Sn	7:30:30.96	-1.59		

1357.

2022-08-18 time: 8:02:23.22 UTC ML= 2.2
lat: 48.219N lon: 21.220E h= 0.0 km
erh= 3.2km erz= 4.0km
nr= 12 gap=156 rms=0.89
Locality: Rátka
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	8.7	10	Pg	8:02:25.30	0.52		
			Sg	02:26.60	0.61		
KECS	61.8	298	Pg	8:02:35.21	0.94		
			Sg	02:41.94	-0.94		
TRPA	98.6	96	Pg	8:02:40.73	-0.10		
PSZ	104.3	251	Pg	8:02:42.69	0.85		
			Sg	02:55.21	-1.15		
KOLS	111.2	44	Pg	8:02:43.35	0.28		
			Sg	02:56.66	-1.89		
NIE	149.1	333	Sn	8:03:07.18	-1.66		
LANS	165.5	309	Sn	8:03:11.02	-1.45		
VYHS	179.3	280	Sn	8:03:15.40	-0.13		

1358.

2022-08-18 time: 8:25:42.87 UTC ML= 1.4
lat: 48.409N lon: 21.469E h= 0.0 km
erh= 5.1km erz= ***km
nr= 7 gap=129 rms=0.89
Locality: Nagyhuta
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	21.1	234	Pg	8:25:47.12	0.48		
			Sg	25:49.82	0.24		
KECS	73.2	276	Sg	8:26:05.47	-0.67		

Hypocenter Parameters

KOLS	83.1	45	Pg	8:25:58.97	1.25
			Sg	26:08.29	-1.00
TRPA	85.3	111	Sg	8:26:09.27	-0.71
PSZ	129.2	245	Sg	8:26:22.65	-1.28

1359.

2022-08-18 time: 9:13:16.04 UTC ML= 1.2
lat: 47.870N lon: 16.054E h= 0.0 km
erh= 2.2km erz= 4.2km
nr= 8 gap= 84 rms=0.86
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
CONA	15.8	294	Pg	9:13:19.37	0.52	
			Sg	13:22.48	1.43	
RONA	26.2	136	PgU	9:13:21.08	0.36	
			Sg	13:24.65	0.28	
ARSA	79.6	210	Sg	9:13:40.68	-0.67	
MODS	106.9	58	Sg	9:13:49.83	-0.19	
KRUC	134.9	11	Pn	9:13:39.29	-0.60	
			Sn	13:55.56	-2.94	

1360.

2022-08-18 time: 9:57:24.20 UTC ML= 1.9
lat: 47.878N lon: 20.129E h= 0.0 km
erh= 7.4km erz= 876km
nr= 6 gap=225 rms=0.51
Locality: Tarnaszentmária
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PSZ	18.1	284	Pg	9:57:27.99	0.57	
			Sg	57:30.22	0.28	
PENC	64.2	261	Pg	9:57:35.71	0.06	
			Sg	57:44.35	-0.24	
BSZH	65.2	171	Pg	9:57:35.55	-0.28	
VYHS	118.0	305	Sg	9:57:59.93	-1.77	

1361.

2022-08-18 time: 10:05:44.76 UTC ML= 1.6
lat: 48.592N lon: 20.784E h= 0.0 km
erh= 2.2km erz= 3.8km
nr= 15 gap= 91 rms=0.91
Locality: Czech and Slovak Republics
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
KECS	25.1	241	Pg	10:05:49.86	0.61	
			Sg	05:52.63	-0.12	
ABAH	47.1	134	Pg	10:05:53.73	0.57	
			Sg	05:59.05	-0.67	
NIE	98.2	339	Pg	10:06:03.83	1.53	
			Sg	06:15.59	-0.39	
PSZ	99.9	221	Pg	10:06:03.75	1.16	
			Sg	06:15.64	-0.86	
LANS	114.8	303	Pg	10:06:05.16	-0.11	
			Sg	06:19.82	-1.44	
KOLS	115.9	71	Pg	10:06:04.96	-0.49	
			Sg	06:20.93	-0.65	
TRPA	139.8	112	Sn	10:06:26.31	-2.00	
VYHS	144.3	266	Pn	10:06:09.73	-0.05	
			Sn	06:27.58	-1.72	

Földrengés paraméterek

1362.

2022-08-18 time: 20:36:08.60 UTC ML= 0.5
lat: 47.273N lon: 18.087E h= 9.1 km
erh= 5.4km erz= 2.9km
nr= 7 gap=163 rms=0.20
Locality: Tés
Comments:

sta	dist	azm	phase	hr mn	sec	res
PKST	4.3	249	PgU	20:36:10.51	0.12	
			Sg	36:11.62	-0.17	
CSKK	16.5	52	PgD	20:36:11.76	-0.21	
			Sg	36:14.36	-0.23	
PKSG	26.5	60	Pg	20:36:13.80	0.20	
			Sg	36:17.81	0.31	
PKSM	125.3	160	Sn	20:36:46.73	-0.13	

1363.

2022-08-19 time: 4:30:45.70 UTC ML= 1.5
lat: 46.499N lon: 16.052E h= 1.5 km
erh= 3.2km erz=54.7km
nr= 9 gap=186 rms=0.59
Locality: Slovenia
Comments:

sta	dist	azm	phase	hr mn	sec	res
KOGS	16.2	110	Pg	4:30:48.64	0.03	
			Sg	30:50.58	-0.30	
RCF6	19.7	201	PgU	4:30:49.26	0.03	
			Sg	30:51.69	-0.29	
GROS	42.5	264	Pg	4:30:54.30	1.02	
			Sg	30:59.92	0.72	
PERS	73.3	282	Sg	4:31:08.14	-0.86	
SOKA	80.6	284	Sg	4:31:10.48	-0.85	
CRES	87.8	212	Sg	4:31:13.18	-0.42	

1364.

2022-08-19 time: 6:35:49.68 UTC ML= 1.9
lat: 47.940N lon: 19.356E h= 0.0 km
erh= 8.2km erz= ***km
nr= 7 gap=221 rms=0.80
Locality: Magyarnándor
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PENC	17.6	198	Pg	6:35:53.89	1.07	
			Sg	35:55.82	0.55	
PSZ	40.3	94	Sg	6:36:01.67	-0.83	
PKSG	94.7	230	Sg	6:36:19.32	-0.48	
CSKK	104.4	232	Sg	6:36:22.03	-0.83	
PKST	125.0	233	Pg	6:36:12.27	0.27	
			Sg	36:28.21	-1.20	

1365.

2022-08-19 time: 9:14:05.91 UTC ML= 1.2
lat: 47.856N lon: 16.046E h= 0.0 km
erh= 1.2km erz= 1.9km
nr= 7 gap=122 rms=1.02
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
CONA	15.9	300	Pg	9:14:09.61	0.85	
			Sg	14:11.72	0.74	
RONA	25.6	133	Pg	9:14:11.08	0.60	
			Sg	14:14.63	0.59	
ARSA	78.0	210	Sg	9:14:29.13	-1.56	
KRUC	136.6	11	Pn	9:14:29.45	-0.52	
			Sn	14:46.27	-2.47	

Földrengés paraméterek

1366.

2022-08-19 time: 9:45:24.53 UTC ML= 1.4
 lat: 46.807N lon: 22.873E h= 0.0 km
 erh= 4.8km erz= 4.2km
 nr= 6 gap=280 rms=0.37
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	12.5	262	Pg	9:45:	26.59	-0.16	
			Sg	45:	28.99	0.50	
SIRR	110.7	237	Sg	9:45:	58.90	-0.82	
GZR	157.3	183	Pn	9:45:	51.32	0.15	
			Sn	46:	12.25	0.30	
BZS	164.0	216	Sn	9:46:	13.49	0.04	

1367.

2022-08-19 time: 9:57:00.48 UTC ML= 1.4
 lat: 45.979N lon: 18.493E h= 0.0 km
 erh= 3.8km erz= 6.6km
 nr= 14 gap=198 rms=0.75
 Locality: Bóly
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	21.2	242	Pg	9:57:	04.52	0.25	
			Sg	57:	07.24	0.02	
PKSM	28.3	24	Pg	9:57:	04.93	-0.60	
			Sg	57:	08.65	-0.83	
MORH	28.8	24	Pg	9:57:	04.94	-0.68	
			Sg	57:	08.93	-0.70	
KOVH	32.8	292	Pg	9:57:	05.77	-0.56	
			Sg	57:	10.14	-0.76	
PKB4	58.2	8	Pg	9:57:	11.78	0.92	
PKS9	69.6	346	Pg	9:57:	13.69	0.79	
PKB5	71.0	15	Pg	9:57:	13.75	0.60	
PKS2	79.6	44	Pg	9:57:	15.90	1.21	
PKB1	92.4	14	Pg	9:57:	16.81	-0.17	
PKST	146.6	346	Sn	9:57:	43.31	-2.22	

1368.

2022-08-21 time: 3:33:02.95 UTC ML= 1.5
 lat: 45.915N lon: 21.634E h= 10.0 km
 erh= 3.6km erz= 3.1km
 nr= 14 gap=104 rms=1.04
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
BZS	33.1	182	PgU	3:33:	09.08	-0.05	
			Sg	33:	13.33	-0.62	
SURR	42.1	115	PgC	3:33:	11.42	0.75	
			Sg	33:	17.20	0.51	
AMBH	85.3	305	Sg	3:33:	27.94	-2.30	
GZR	106.2	123	S*	3:33:	34.85	-1.86	
MDVR	126.1	177	PnD	3:33:	24.52	0.10	
			Sn	33:	41.30	0.13	
DRGR	128.0	40	Pn	3:33:	25.40	0.74	
			Sn	33:	39.97	-1.62	
MARR	142.3	54	PnC	3:33:	27.74	1.30	
			Sn	33:	44.30	-0.47	
PKB3	196.7	287	Pn	3:33:	34.85	1.62	
			Sn	33:	58.50	1.65	

Hypocenter Parameters

1369.

2022-08-21 time: 18:43:12.89 UTC ML= 0.7
 lat: 47.855N lon: 16.241E h= 14.7 km
 erh= 1.6km erz= 1.1km
 nr= 13 gap=124 rms=0.41
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	17.7	166	Pg	18:43:	17.48	0.48	
			Sg	43:	20.00	-0.20	
CONA	29.5	286	Pg	18:43:	18.95	0.18	
			Sg	43:	23.38	0.02	
SOP	30.5	129	Pg	18:43:	18.79	-0.14	
			Sg	43:	23.13	-0.51	
WINA	30.7	336	Pg	18:43:	19.19	0.22	
			Sg	43:	23.15	-0.56	
ARSA	86.2	219	S*	18:43:	40.31	-0.14	
ABNA	108.7	327	Pn	18:43:	31.45	-0.15	
			Sn	43:	44.42	-1.78	
KRUC	134.7	5	Pn	18:43:	35.50	0.66	
			Sn	43:	51.31	-0.66	

1370.

2022-08-22 time: 8:49:46.48 UTC ML= 1.5
 lat: 48.548N lon: 20.777E h= 0.0 km
 erh= 1.9km erz= 2.7km
 nr= 13 gap=129 rms=0.59
 Locality: Komjáti
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	22.7	252	Pg	8:49:	50.85	0.31	
			Sg	49:	53.35	-0.35	
ABAH	44.2	129	Pg	8:49:	54.18	-0.19	
			Sg	50:	00.77	0.24	
PSZ	95.9	223	Pg	8:50:	04.65	1.04	
			Sg	50:	16.03	-0.93	
NIE	102.7	341	Sg	8:50:	19.45	0.33	
LANS	117.2	305	Pg	8:50:	07.35	-0.06	
			Sg	50:	23.08	-0.65	
TRPA	138.6	110	Pn	8:50:	11.07	0.27	
			Sn	50:	27.74	-2.03	
VYHS	143.5	268	Pn	8:50:	11.50	0.09	
			Sn	50:	29.67	-1.19	

1371.

2022-08-22 time: 14:31:25.70 UTC ML= 1.3
 lat: 48.527N lon: 18.560E h= 0.0 km
 erh= 3.0km erz= 4.7km
 nr= 10 gap=113 rms=0.68
 Locality: Czech and Slovak Republics
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	20.7	100	PgU	14:31:	30.15	0.74	
			Sg	31:	32.71	0.42	
SMOL	83.6	269	Pg	14:31:	41.40	0.77	
			Sg	31:	52.01	-0.26	
LANS	96.2	44	Sg	14:31:	55.56	-0.72	
MODS	96.4	260	Pg	14:31:	43.17	0.25	
			Sg	31:	55.19	-1.16	
PENC	97.9	147	Sg	14:31:	55.84	-0.99	
MORC	157.6	332	Pn	14:31:	52.42	0.03	
			Sn	32:	12.07	-1.13	

Hypocenter Parameters

1372.

2022-08-22 time: 14:32:26.03 UTC ML= 1.2
 lat: 48.540N lon: 18.575E h= 0.0 km
 erh= 2.5km erz= 4.2km
 nr= 9 gap=111 rms=0.95
 Locality: Czech and Slovak Republics
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	20.0	105	PgU	14:32:30.50			0.90
			Sg	32:33.33			0.95
SMOL	84.7	268	Sg	14:32:53.38			0.43
LANS	94.4	44	Sg	14:32:56.75			0.73
MODS	97.7	259	Pg	14:32:43.74			0.26
			Sg	32:57.03			-0.06
PENC	98.6	148	Sg	14:32:55.66			-1.70
MORC	156.8	331	Pn	14:32:52.01			-0.60
			Sn	33:11.00			-2.34

1373.

2022-08-22 time: 14:39:48.82 UTC ML= 1.6
 lat: 46.093N lon: 21.736E h= 0.0 km
 erh= 7.2km erz= 8.7km
 nr= 7 gap=214 rms=0.94
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
BZS	53.8	190	Pg	14:39:58.44			0.01
			Sg	40:04.18			-1.74
DRGR	107.9	44	Pg	14:40:08.91			0.83
			Sg	40:22.24			-0.87
GZR	112.3	134	Pg	14:40:10.00			1.13
			Sg	40:23.56			-0.96
CJR	158.9	64	Sn	14:40:35.96			-0.65

1374.

2022-08-23 time: 7:57:47.63 UTC ML= 1.2
 lat: 48.058N lon: 19.626E h= 0.0 km
 erh= 1.7km erz= 378km
 nr= 5 gap=178 rms=0.17
 Locality: Négrádmegyer
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	25.3	128	Pg	7:57:52.37			0.22
			Sg	57:55.42			-0.26
PENC	39.3	221	Pg	7:57:54.53			-0.12
			Sg	58:00.24			0.11
VYHS	76.1	310	Sg	7:58:11.78			-0.04

1375.

2022-08-23 time: 8:03:21.25 UTC ML= 1.8
 lat: 48.213N lon: 18.773E h= 0.0 km
 erh= 2.1km erz= 6.4km
 nr= 18 gap= 89 rms=0.98
 Locality: Czech and Slovak Republics
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	31.6	8	Pg	8:03:27.14			0.25
			Sg	03:31.00			-0.29
A338	38.3	235	Sg	8:03:34.01			0.58
SRO	56.2	218	Sg	8:03:38.87			-0.23
PENC	60.4	141	Pg	8:03:33.54			1.50
			Sg	03:40.49			0.04
PSZ	89.8	111	Pg	8:03:38.33			1.05
			Sg	03:48.67			-1.11
PKSG	95.7	197	Sg	8:03:51.22			-0.46
CSKK	102.0	202	Sg	8:03:52.99			-0.69

Földrengés paraméterek

MODS	112.4	279	Pg	8:03:41.88	0.55
			Sg	03:55.62	-1.37
LANS	116.1	26	Pg	8:03:42.81	0.82
			Sg	03:56.31	-1.85
PKST	119.7	208	Sg	8:03:58.01	-1.29
KECS	130.4	77	Pg	8:03:44.81	0.27
			Sg	04:00.40	-2.31
MPLH	148.4	219	Sn	8:04:05.19	-1.52

1376.

2022-08-23 time: 8:24:53.95 UTC ML= 1.5
 lat: 48.573N lon: 17.445E h= 0.0 km
 erh= 2.3km erz= 287km
 nr= 6 gap=233 rms=0.18
 Locality: Czech and Slovak Republics
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	6.7	190	PgU	8:24:55.13			-0.01
			Sg	24:56.13			0.07
MODS	25.4	209	Pg	8:24:58.37			-0.11
			Sg	25:01.69			-0.32
VYHS	103.1	95	Sg	8:25:26.70			-0.03
RONA	129.4	221	Pg	8:25:17.36			0.31

1377.

2022-08-23 time: 8:28:05.95 UTC ML= 1.5
 lat: 47.314N lon: 18.447E h= 0.0 km
 erh= 2.0km erz= 3.9km
 nr= 11 gap=115 rms=0.59
 Locality: Pátka
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	9.7	334	PgU	8:28:08.49			0.81
			Sg	28:08.83			-0.19
CSKK	15.1	291	PgU	8:28:08.40			-0.25
			Sg	28:09.81			-0.95
PKST	31.8	259	Pg	8:28:12.26			0.63
			Sg	28:15.83			-0.23
MORH	123.0	173	Sg	8:28:45.11			0.06
PKSM	123.4	173	Sg	8:28:44.95			-0.23
PSZ	127.9	58	Sg	8:28:46.08			-0.53
VYHS	134.4	13	Sn	8:28:45.22			-3.08
KOVH	138.8	191	Sn	8:28:49.22			-0.06

1378.

2022-08-23 time: 8:42:11.29 UTC ML= 1.9
 lat: 48.609N lon: 20.730E h= 0.0 km
 erh= 2.4km erz= 8.5km
 nr= 8 gap=190 rms=0.50
 Locality: Czech and Slovak Republics
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	22.8	232	Pg	8:42:15.36			0.00
			Sg	42:18.75			0.22
ABAH	51.3	133	Pg	8:42:20.75			0.31
			Sg	42:26.52			-1.06
PSZ	98.7	219	Pg	8:42:29.39			0.48
			Sg	42:42.24			-0.41
LANS	110.5	303	Pg	8:42:30.98			-0.03
VYHS	140.4	265	Sn	8:42:52.44			-2.53

Földrengés paraméterek

1379.

2022-08-23 time: 8:55:14.52 UTC ML= 1.5
 lat: 46.204N lon: 18.257E h= 0.0 km
 erh= 1.5km erz= 2.9km
 nr= 20 gap= 92 rms=0.69
 Locality: Komló
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	17.7	223	Pg	8:55:18.29			0.61
			Sg	55:20.62			0.48
PKSM	29.7	88	Pg	8:55:20.07			0.25
			Sg	55:23.33			-0.63
MORH	29.9	88	Pg	8:55:20.07			0.21
			Sg	55:23.64			-0.39
PKSV	35.1	181	Pg	8:55:20.23			-0.56
			Sg	55:24.88			-0.80
PKB4	42.0	39	Pg	8:55:23.26			1.23
			Sg	55:26.89			-0.99
PKS9	42.6	2	Sg	8:55:27.53			-0.52
PKB3	76.3	71	Sg	8:55:39.62			0.86
PKB1	76.5	33	Sg	8:55:39.15			0.32
PKST	118.5	352	Pg	8:55:35.97			0.29
			Sg	55:52.10			-0.08
MPLH	120.6	333	Sg	8:55:51.71			-1.14
CSKK	128.8	0	Sg	8:55:53.96			-1.51
PKSG	132.4	4	Sn	8:55:56.22			-0.21
KOGS	156.9	280	Sn	8:56:01.09			-0.77
PTJ	181.1	259	Sn	8:56:08.24			1.01

1380.

2022-08-23 time: 9:03:05.11 UTC ML= 1.5
 lat: 48.043N lon: 20.659E h= 0.0 km
 erh= 2.8km erz= 539km
 nr= 5 gap=200 rms=0.25
 Locality: Kisgyőr
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	50.6	345	Pg	9:03:14.23			0.08
			Sg	03:21.02			-0.19
ABAH	51.6	57	Pg	9:03:14.61			0.29
			Sg	03:21.02			-0.48
PSZ	58.7	256	Sg	9:03:23.65			-0.13

1381.

2022-08-23 time: 10:04:24.59 UTC ML= 0.8
 lat: 47.209N lon: 18.274E h= 0.0 km
 erh= 1.6km erz= 2.8km
 nr= 10 gap=121 rms=0.63
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	17.2	357	Pg	10:04:27.48			-0.17
			Sg	04:29.66			-0.38
PKST	19.0	287	Pg	10:04:27.96			-0.01
			Sg	04:30.58			-0.03
PKSG	22.2	24	Pg	10:04:29.58			1.04
			Sg	04:32.18			0.55
MORH	114.0	166	Sg	10:05:00.69			-0.13
PKSM	114.4	166	Sg	10:05:00.85			-0.09
PSZ	145.3	57	Sn	10:05:08.19			-1.15
VYHS	148.9	16	Sn	10:05:08.19			-1.97

Hypocenter Parameters

1382.

2022-08-23 time: 10:54:25.19 UTC ML= 0.8
 lat: 47.542N lon: 18.594E h= 0.0 km
 erh= 7.5km erz= 6.9km
 nr= 7 gap=169 rms=0.74
 Locality: Nagyegyháza
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	32.0	232	Pg	10:54:31.54			0.63
			Sg	54:34.15			-1.22
PKST	52.6	233	Pg	10:54:35.35			0.76
			Sg	54:41.25			-0.67
VYHS	107.4	10	Sg	10:54:59.22			-0.11
MORH	147.4	179	Sn	10:55:09.36			-1.07
PKSM	147.9	179	Sn	10:55:10.41			-0.12

1383.

2022-08-23 time: 11:28:08.02 UTC ML= 1.5
 lat: 47.974N lon: 16.618E h= 0.0 km
 erh= 4.0km erz= 977km
 nr= 9 gap=170 rms=0.81
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
RONA	38.9	218	Pg	11:28:16.07			1.11
			Sg	28:20.29			-0.08
CONA	56.7	265	Pg	11:28:18.36			0.21
			Sg	28:25.72			-0.32
MODS	66.2	48	Pg	11:28:20.25			0.41
			Sg	28:28.89			-0.16
ARSA	115.1	226	Sg	11:28:43.01			-1.59
KRUC	122.1	352	Pg	11:28:29.73			-0.08
			Sg	28:44.39			-2.43

1384.

2022-08-24 time: 5:14:31.54 UTC ML= 0.9
 lat: 47.954N lon: 16.070E h= 0.0 km
 erh= 2.7km erz= 713km
 nr= 6 gap=138 rms=0.41
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	15.8	260	Pg	5:14:34.41			0.04
			Sg	14:36.43			-0.14
RONA	32.9	149	Pg	5:14:37.20			-0.22
			Sg	14:42.17			0.16
KRUC	125.5	11	Pg	5:14:54.45			0.49
			Sg	15:09.84			-1.60

1385.

2022-08-24 time: 7:39:58.64 UTC ML= 1.7
 lat: 48.374N lon: 17.328E h= 0.0 km
 erh= 4.5km erz= 7.0km
 nr= 11 gap=200 rms=0.93
 Locality: Czech and Slovak Republics
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	3.8	269	PgU	7:40:00.11			0.81
			Sg	40:02.01			2.18
SMOL	17.2	26	Pg	7:40:02.09			0.38
			Sg	40:04.61			0.50
KRUC	102.7	318	Pg	7:40:16.09			-0.89
			Sg	40:29.57			-1.72
RONA	107.5	226	Pg	7:40:18.37			0.55
			Sg	40:31.70			-1.09
CONA	119.8	246	Pg	7:40:20.27			0.23

Hypocenter Parameters

MORC 156.8 6 Sg 40:35.73 -1.00
Sn 7:40:44.85 -1.10

1386.

2022-08-24 time: 7:46:27.09 UTC ML= 2.1
lat: 47.910N lon: 20.083E h= 0.0 km
erh= 2.4km erz= 2.5km
nr= 27 gap= 46 rms=1.21
Locality: Parád
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	14.1	274	PgU	7:46:29.82	0.21
			Sg	46:31.93	0.35
PENC	61.5	257	Pg	7:46:38.29	0.22
			Sg	46:46.51	-0.12
BSZH	69.3	168	Sg	7:46:48.29	-0.83
KECS	70.4	25	Pg	7:46:40.69	1.03
			Sg	46:49.14	-0.32
ABAH	96.2	64	Pg	7:46:44.01	-0.26
			Sg	46:57.36	-0.31
VYHS	113.1	305	Pg	7:46:47.59	0.29
			Sg	47:00.92	-2.14
PKSN	113.8	188	Sg	7:47:02.09	-1.18
PKS7	118.5	216	Sg	7:47:03.31	-1.45
PKSG	139.6	246	Sn	7:47:08.99	-1.61
LANS	145.2	342	Pn	7:46:52.09	-0.14
			Sn	47:10.23	-1.61
PKB1	158.7	218	Sn	7:47:16.07	1.23
NIE	168.6	6	Sn	7:47:18.13	1.10
PKST	170.3	245	Sn	7:47:15.67	-1.74
TRPA	184.8	82	Sn	7:47:20.82	0.18
MPLH	208.5	247	Sn	7:47:25.27	-0.61
MORH	217.8	210	Pn	7:47:05.78	4.50
			Sn	47:28.43	0.47
PKSM	218.3	210	Sn	7:47:29.13	1.06
DRGR	234.3	122	Pn	7:47:03.41	0.07
			Sn	47:30.71	-0.91
KOVH	252.6	217	Sn	7:47:42.58	6.91*

1387.

2022-08-24 time: 7:49:52.24 UTC ML= 1.3
lat: 48.561N lon: 20.768E h= 0.0 km
erh= 2.6km erz= 3.7km
nr= 11 gap= 92 rms=1.01
Locality: Tornanádaska
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	22.6	248	Pg	7:49:56.95	0.67
			Sg	50:00.36	0.93
ABAH	45.6	130	Pg	7:50:00.98	0.59
			Sg	50:07.26	0.51
PSZ	96.5	222	Sg	7:50:22.30	-0.63
NIE	101.1	341	Pg	7:50:11.68	1.39
			Sg	50:23.29	-1.08
KOLS	118.2	69	Sg	7:50:28.34	-1.46
TRPA	139.7	110	Pn	7:50:16.41	-0.29
			Sn	50:34.39	-1.39
VYHS	142.9	267	Sn	7:50:34.62	-1.86

1388.

2022-08-24 time: 8:06:49.60 UTC ML= 1.5
lat: 46.942N lon: 17.340E h= 0.0 km
erh= 3.1km erz= ***km
nr= 12 gap=154 rms=0.93
Locality: Sümegprága
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	29.6	31	Pg	8:06:54.82	-0.07
			Sg	06:58.85	-0.16

Földrengés paraméterek

PKST	63.4	56	Pg	8:07:02.00	1.07
			Sg	07:09.86	0.09
BEHE	67.9	219	Sg	8:07:10.84	-0.34
PKSG	94.1	58	Sg	8:07:18.51	-1.00
KOGS	99.8	237	Sg	8:07:20.45	-0.86
KOVH	111.3	148	Pg	8:07:11.07	1.58
			Sg	07:24.25	-0.74
MORH	128.5	129	Pg	8:07:12.93	0.39
			Sg	07:28.67	-1.77
PKSM	128.6	129	Sg	8:07:29.13	-1.34

1389.

sta	dist	azm	phase	hr mn sec	res
STHS	58.4	15	Sg	8:08:11.71	-0.60
KECS	62.4	221	Pg	8:08:04.95	0.07
			Sg	08:12.71	-0.86
ABAH	69.9	168	Pg	8:08:07.67	1.45
			Sg	08:15.57	-0.38
NIE	77.4	317	Sg	8:08:17.99	-0.35
KOLS	90.7	88	Pg	8:08:10.32	0.38
			Sg	08:21.70	-0.87
PSZ	138.9	217	Sn	8:08:35.65	-1.44
TRPA	140.8	128	Pn	8:08:18.77	0.43

1390.

sta	dist	azm	phase	hr mn sec	res
NIE	48.7	6	Pg	8:56:40.46	0.30
			Sg	56:46.19	-0.75
KECS	58.6	162	Pg	8:56:42.47	0.54
			Sg	56:49.27	-0.82
LANS	59.3	288	Sg	8:56:50.32	0.01
PSZ	121.2	192	Sg	8:57:09.74	-0.25

1391.

sta	dist	azm	phase	hr mn sec	res
2022-08-24 time: 8:56:31.47 UTC ML= 1.2					
lat: 48.984N	lon: 20.238E	h= 0.0 km			
erh= 3.4km	erz= 869km				
nr= 6	gap=155	rms=0.50			
Locality: Czech and Slovak Republics					
Comments: probably explosion					

sta	dist	azm	phase	hr mn sec	res
KRUC	34.1	26	Pg	9:06:44.49	0.33
			Sg	06:47.75	-1.15
MODS	92.6	120	Sg	9:07:08.97	1.46
CONA	98.6	194	Pg	9:06:56.10	0.43
			Sg	07:07.90	-1.50
RONA	121.2	176	Pg	9:07:00.00	0.28
			Sg	07:14.88	-1.73
MORC	147.7	42	Pn	9:07:03.86	0.34
			Sn	07:21.53	-1.85
ARSA	178.0	196	Pn	9:07:08.83	1.53
			Sn	07:29.30	-0.79

Földrengés paraméterek

1392.

2022-08-24 time: 10:40:02.80 UTC ML= 1.6
 lat: 48.419N lon: 17.332E h= 0.0 km
 erh= 3.2km erz= 824km
 nr= 9 gap=184 rms=0.64
 Locality: Czech and Slovak Republics
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	6.5	218	PgU	10:40:04.33			0.37
			Sg	40:05.80			0.93
SMOL	12.7	34	Pg	10:40:05.21			0.15
			Sg	40:06.40			-0.43
KRUC	99.2	316	Pg	10:40:20.97			0.45
			Sg	40:33.55			-0.79
RONA	111.2	224	Pg	10:40:22.74			0.09
			Sg	40:37.02			-1.12
CONA	122.2	243	Sg	10:40:39.65			-2.00

1393.

2022-08-24 time: 11:57:33.23 UTC ML= 1.2
 lat: 47.861N lon: 16.003E h= 0.0 km
 erh= 5.8km erz= 9.8km
 nr= 6 gap=117 rms=0.99
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	12.9	305	Sg	11:57:37.45			0.10
RONA	28.4	129	Pg	11:57:39.06			0.76
			Sg	57:42.24			-0.02
ARSA	76.9	208	Sg	11:57:56.58			-1.11
KRUC	136.6	12	Pn	11:57:57.88			0.58
			Sn	58:13.41			-2.66

1394.

2022-08-24 time: 12:09:20.29 UTC ML= 1.2
 lat: 47.917N lon: 16.113E h= 0.0 km
 erh= 3.4km erz= 928km
 nr= 6 gap=141 rms=0.55
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	18.8	274	Pg	12:09:23.83			0.18
			Sg	09:25.54			-0.73
RONA	27.8	150	Pg	12:09:25.50			0.25
			Sg	09:28.52			-0.60
KRUC	129.1	9	Pg	12:09:44.03			0.69
			Sg	10:00.38			-0.93

1395.

2022-08-25 time: 7:00:41.40 UTC ML= 1.5
 lat: 47.877N lon: 19.136E h= 0.0 km
 erh= 2.4km erz= 918km
 nr= 11 gap=112 rms=0.73
 Locality: Nőtincs
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	14.5	131	Pg	7:00:43.87			-0.12
			Sg	00:47.13			1.12
PSZ	56.9	85	Pg	7:00:52.25			0.69
			Sg	00:59.06			-0.42
VYHS	72.2	342	Pg	7:00:55.43			1.14
			Sg	01:04.04			-0.31
PKSG	77.8	226	Sg	7:01:05.97			-0.15
PKST	107.7	230	Pg	7:01:00.24			-0.39
			Sg	01:14.88			-0.75
KECS	120.9	56	Pg	7:01:02.48			-0.51

Hypocenter Parameters

Sg 01:17.86 -1.97

1396.

2022-08-25 time: 7:09:51.24 UTC ML= 2.1
 lat: 48.240N lon: 21.266E h= 0.0 km
 erh= 4.8km erz= 7.5km
 nr= 9 gap=153 rms=1.06
 Locality: Tályya
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	6.5	343	PgU	7:09:53.43			1.02
			Sg	09:54.55			1.23
KECS	63.8	295	Pg	7:10:02.93			0.29
			Sg	10:10.21			-1.32
TRPA	95.5	97	Pg	7:10:09.05			0.76
			Sg	10:20.99			-0.60
KOLS	107.1	44	Sg	7:10:22.69			-2.59
PSZ	108.2	251	Sg	7:10:24.40			-1.25
NIE	148.6	332	Sn	7:10:36.34			-0.40

1397.

2022-08-25 time: 7:26:19.51 UTC ML= 1.7
 lat: 47.360N lon: 18.410E h= 0.0 km
 erh= 2.4km erz= 4.5km
 nr= 17 gap= 82 rms=1.13
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	11.3	272	Pg	7:26:21.99			0.46
			Sg	26:23.81			0.70
PKST	30.6	248	Pg	7:26:25.62			0.65
			Sg	26:29.72			0.49
BUD	48.3	74	Sg	7:26:35.13			0.27
MPLH	69.2	252	Sg	7:26:40.77			-0.74
PKB1	70.3	156	Sg	7:26:42.18			0.32
PENC	81.2	54	Sg	7:26:44.96			-0.35
PSZ	127.6	61	Pg	7:26:44.11			1.81
			Sg	26:59.03			-1.05
MORH	128.5	172	Pg	7:26:42.98			0.53
			Sg	26:58.32			-2.03
PKSM	128.9	172	Sg	7:26:58.51			-1.97
VYHS	130.0	14	Sg	7:26:58.77			-2.06
MODS	141.0	323	Sn	7:27:01.75			-1.57
KOVH	143.4	190	Sn	7:27:02.13			-1.72
KECS	199.1	51	Pn	7:26:52.57			1.20

1398.

2022-08-25 time: 9:01:37.92 UTC ML= 1.1
 lat: 47.210N lon: 18.287E h= 0.0 km
 erh= 3.2km erz= 799km
 nr= 7 gap=173 rms=0.54
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	17.1	353	Pg	9:01:41.04			0.06
			Sg	01:43.16			-0.21
PKST	19.9	286	Pg	9:01:41.91			0.44
			Sg	01:43.90			-0.34
MPLH	56.8	266	Pg	9:01:48.68			0.61
			Sg	01:55.00			-0.98
PKSM	114.2	166	Sg	9:02:13.29			-0.94

Hypocenter Parameters

1399.

2022-08-25 time: 9:49:19.25 UTC ML= 1.8
 lat: 48.790N lon: 18.683E h= 0.0 km
 erh= 3.4km erz= 3.3km
 nr= 15 gap=141 rms=1.10
 Locality: Czech and Slovak Republics
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	34.8	161	Pg	9:49:	26.66		1.21
			Sg	49:	32.40		2.10
SMOL	97.4	252	Sg	9:49:	49.76		-0.45
SRO	112.0	194	Sg	9:49:	54.33		-0.51
MODS	113.6	246	Pg	9:49:	40.00		0.47
			Sg	49:	53.95		-1.40
PENC	119.6	158	Sg	9:49:	55.83		-1.45
PSZ	132.1	137	Pn	9:49:	43.56		0.81
			Sn	49:	59.06		-2.02
ZST	134.2	241	Sn	9:50:	00.22		-1.33
KECS	137.1	104	Sn	9:50:	00.93		-1.28
MORC	137.6	323	Pn	9:49:	44.33		0.89
			Sn	50:	01.86		-0.46
PKSG	157.0	188	Sn	9:50:	05.89		-0.71
PKST	176.9	196	Sn	9:50:	11.78		0.74

1400.

2022-08-25 time: 12:48:16.34 UTC ML= 2.1
 lat: 45.535N lon: 16.143E h= 10.0 km
 erh= 5.4km erz= 2.2km
 nr= 12 gap=297 rms=0.66
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZAG	34.7	340	Pg	12:48:	23.07		0.29
			Sg	48:	29.14		1.33
PTJ	43.1	340	Pg	12:48:	23.73		-0.50
			Sg	48:	29.92		-0.47
CRES	62.5	301	Pg	12:48:	28.13		0.49
			Sg	48:	34.88		-1.57
RCF6	89.9	351	Sg	12:48:	45.01		-0.07
KOGS	101.9	5	Sg	12:48:	48.73		-0.14
GROS	114.3	334	Pn	12:48:	36.22		-0.12
			Sn	48:	51.01		-0.94
PERS	145.9	327	Sn	12:48:	59.48		0.52
SOKA	153.3	326	Sn	12:49:	01.80		1.19

1401.

2022-08-26 time: 5:28:08.30 UTC ML= 2.0
 lat: 45.553N lon: 16.055E h= 8.9 km
 erh= 3.0km erz= 1.8km
 nr= 20 gap=233 rms=0.66
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZAG	31.0	351	Pg	5:28:	14.15		0.09
			Sg	28:	19.55		0.99
PTJ	39.3	349	Pg	5:28:	15.25		-0.24
			Sg	28:	21.90		0.80
CRES	55.6	303	Pg	5:28:	18.39		0.03
			Sg	28:	25.65		-0.55
RCF6	87.0	355	Pg	5:28:	23.87		-0.05
			Sg	28:	35.37		-0.74
KOGS	100.6	9	Pg	5:28:	26.03		-0.31
			Sg	28:	40.38		-0.03
GROS	109.6	337	Pn	5:28:	27.34		-0.53
			Sn	28:	41.82		-1.32
BEHE	116.2	29	Sn	5:28:	43.73		-0.86
BLY	126.0	135	Sn	5:28:	40.78		-5.99*
SOKA	147.9	328	Sn	5:28:	53.28		1.65
OBKA	157.8	312	Pn	5:28:	34.03		0.15

Földrengés paraméterek

		Sn	28:55.32	1.50
KOVH	169.7	69	5:28:56.00	-0.46
PKSM	213.7	70	5:28:41.13	0.28
			29:07.42	1.19
MORH	214.0	70	5:28:41.82	0.93

1402.

2022-08-26 time: 10:11:23.93 UTC ML= 1.4
 lat: 48.577N lon: 20.909E h= 0.0 km
 erh= 2.5km erz= 4.8km
 nr= 13 gap= 84 rms=1.02
 Locality: Czech and Slovak Republics
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	33.0	251	Pg	10:11:	29.84		0.03
			Sg	11:	34.47		0.07
ABAH	39.7	142	Pg	10:11:	31.23		0.21
			Sg	11:	37.25		0.69
STHS	96.5	15	Sg	10:11:	53.46		-1.13
NIE	103.2	335	Pg	10:11:	44.33		1.97
			Sg	11:	56.86		0.13
PSZ	105.1	226	Pg	10:11:	43.43		0.74
			Sg	11:	56.39		-0.94
KOLS	107.8	68	Sg	10:11:	57.32		-0.89
LANS	123.4	301	Sg	10:12:	01.64		-1.52
TRPA	130.7	112	Sn	10:12:	03.24		-2.21
VYHS	153.3	267	Sn	10:12:	09.67		-0.81

1403.

2022-08-27 time: 0:39:59.28 UTC ML= 1.8
 lat: 45.904N lon: 16.005E h= 7.9 km
 erh= 1.4km erz= 0.9km
 nr= 21 gap=101 rms=0.47
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PTJ	3.7	262	Pg	0:40:	00.94		0.10
			Sg	40:	01.52		-0.54
ZAG	8.4	186	Pg	0:40:	01.39		0.04
			Sg	40:	02.71		-0.25
CRES	43.4	258	Pg	0:40:	07.43		0.26
			Sg	40:	13.14		-0.18
RCF6	47.8	356	PgD	0:40:	08.57		0.64
			Sg	40:	14.81		0.13
KOGS	63.3	17	Pg	0:40:	10.83		0.15
			Sg	40:	18.92		-0.65
BEHE	86.6	43	Pg	0:40:	15.14		0.33
			Sg	40:	25.89		-1.02
SOKA	114.0	319	Pn	0:40:	19.27		-0.25
			Sn	40:	33.69		-1.61
OBKA	130.9	301	Pn	0:40:	22.03		0.40
			Sn	40:	38.63		-0.42
ARSA	154.1	346	Pn	0:40:	25.19		0.67
			Sn	40:	43.69		-0.51
BLY	158.2	144	Pn	0:40:	25.08		0.05
			Sn	40:	44.57		-0.54
TRI	175.5	263	Sn	0:40:	51.49		2.54*
MOA	253.6	328	Sn	0:41:	08.08		1.80
KHC	402.6	333	ePn	0:40:	57.90		2.40*
			eSn	41:	38.10		-1.25*

1404.

2022-08-27 time: 2:01:21.10 UTC ML= 1.1
 lat: 48.836N lon: 21.846E h= 12.9 km
 erh= 2.2km erz= 2.0km
 nr= 7 gap=131 rms=0.37
 Locality: out of Hungary
 Comments:

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
KOLS	33.2	71	Pg	2:01	:27	.37	-0.09
			Sg		13	.27	0.85
ABAH	74.9	217	Pg	2:01	:34	.66	-0.01
			Sg		14	.28	0.02
TRPA	93.8	147	P*	2:01	:37	.37	-0.53
			S*		15	.41	0.41
NIE	129.3	300	Sn	2:01	:59	.55	0.19

1405.

2022-08-28 time: 1:27:17.12 UTC ML= 1.3
lat: 46.275N lon: 22.478E h= 12.1 km
erh= 3.1km erz= 2.6km
nr= 18 gap=155 rms=0.96

Locality: Romania

Comments:

sta	dist	azm	phase	hr	mn	sec	res
DEV	54.6	143	PgU	1:27	:27	.17	0.07
			Sg		27	.60	-1.28
DRGR	60.1	17	Pg	1:27	:28	.91	0.83
			Sg		36	.67	0.05
SURR	64.1	205	PgC	1:27	:28	.59	-0.17
			Sg		36	.00	-1.84
MARR	66.4	48	PgD	1:27	:29	.94	0.77
			Sg		37	.80	-0.77
CJR	98.8	60	P*	1:27	:35	.23	0.46
			S*		47	.36	-1.18
BZS	99.1	222	P*	1:27	:35	.04	0.23
			S*		46	.67	-1.94
GZR	100.7	167	S*	1:27	:49	.81	0.76
MESR	103.7	20	S*	1:27	:48	.80	-1.06
LOT	136.0	133	Sn	1:27	:56	.20	-0.89
HERR	155.0	182	PnD	1:27	:43	.41	1.47
			Sn		01	.70	0.40
MDVR	176.4	200	PnC	1:27	:46	.95	2.34

1406.

2022-08-28 time: 7:37:47.17 UTC ML= 1.0
lat: 46.143N lon: 17.247E h= 18.3 km
erh= 5.5km erz= 4.5km
nr= 11 gap=146 rms=0.60

Locality: Bélavár

Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOVH	66.2	95	P*	7:37	:59	.32	0.05
			S*		38	.88	0.18
PKSV	82.8	110	S*	7:38	:11	.66	-1.54
KOGS	84.0	294	S*	7:38	:13	.52	-0.01
RCF6	101.6	282	Sn	7:38	:17	.12	-0.94
PKSM	107.9	86	Pn	7:38	:05	.61	0.29
			Sn		19	.13	-0.34
MORH	108.1	86	Pn	7:38	:05	.54	0.19
			Sn		18	.86	-0.66
PKB4	111.6	69	Sn	7:38	:21	.35	1.06
CRES	143.2	256	Sn	7:38	:28	.25	0.95

1407.

2022-08-29 time: 8:15:58.24 UTC ML= 1.6
lat: 47.107N lon: 17.879E h= 0.0 km
erh= 3.8km erz= ***km
nr= 10 gap=110 rms=1.08

Locality: Márkó

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	20.5	35	Pg	8:16	:01	.44	-0.47
			Sg		16	.06	-0.71
TIH	23.1	177	Pg	8:16	:03	.01	0.65
			Sg		06	.92	1.34
MPLH	26.7	285	Pg	8:16	:03	.25	0.24

Hypocenter Parameters

			Sg	16:06:49	-0.24
PKB1	78.2	117	Pg	8:16:13.84	1.63
KOVH	114.5	172	Sg	8:16:33.31	-1.34
MORH	115.1	149	Sg	8:16:32.93	-1.90
PKSM	115.4	150	Sg	8:16:33.24	-1.68

1408.

2022-08-29 time: 10:04:25.01 UTC ML= 1.7
lat: 46.139N lon: 18.025E h= 0.0 km
erh= 2.7km erz= 762km
nr= 15 gap=194 rms=0.65
Locality: Hetvehely
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	8.0	134	Pg	10:04	:26	.50	0.05
			Sg		42	.75	0.18
PKSV	32.9	148	Pg	10:04	:30	.80	-0.09
			Sg		34	.95	-0.52
PKSM	48.3	80	Pg	10:04	:33	.39	-0.24
			Sg		39	.65	-0.70
MORH	48.5	80	Pg	10:04	:33	.86	0.18
			Sg		39	.33	-1.11
PKB4	59.7	48	Pg	10:04	:36	.36	0.69
PKB5	74.6	47	Pg	10:04	:39	.57	1.25
PKB1	92.8	39	Pg	10:04	:42	.00	0.41
MPLH	120.5	342	Pg	10:04	:46	.33	-0.20
			Sg		01	.51	-1.81
PKST	124.5	0	Pg	10:04	:47	.19	-0.06
			Sg		02	.22	-2.37

1409.

2022-08-29 time: 11:20:55.63 UTC ML= 0.9
lat: 47.864N lon: 16.059E h= 0.0 km
erh= 1.6km erz= 5.8km
nr= 7 gap= 85 rms=0.59
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	16.4	296	Pg	11:20	:58	.68	0.12
			Sg		21	.31	0.48
RONA	25.5	136	Pg	11:21	:00	.38	0.18
			Sg		21	.18	0.43
ARSA	79.3	211	Sg	11:21	:20	.07	-0.76
MODS	106.9	58	Sg	11:21	:29	.45	-0.17
KRUC	135.4	11	Sn	11:21	:35	.27	-2.94

1410.

2022-08-29 time: 12:05:30.64 UTC ML= 1.3
lat: 46.993N lon: 19.005E h= 14.6 km
erh= 2.3km erz= 0.5km
nr= 12 gap=208 rms=0.18
Locality: Szalkszentmárton
Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKS7	13.3	63	PgD	12:05	:34	.14	-0.03
			Sg		36	.91	-0.02
PKB1	28.3	215	PgD	12:05	:36	.35	0.01
			Sg		40	.75	-0.04
PKB5	48.8	205	Pg	12:05	:39	.92	0.17
			Sg		49	.12	2.27*
PKB4	63.2	209	Pg	12:05	:42	.15	-0.08
			Sg		51	.30	0.04
MORH	90.7	198	P*	12:05	:46	.82	0.00
			S*		59	.37	-0.07
PKSM	91.2	198	P*	12:05	:46	.90	0.00
			S*		59	.06	-0.52
KOVH	122.2	215	Sn	12:06	:07	.46	0.50

Hypocenter Parameters

1411.

2022-08-29 time: 22:19:21.25 UTC ML= 0.3
 lat: 47.791N lon: 16.281E h= 14.9 km
 erh= 3.2km erz= 2.1km
 nr= 11 gap=122 rms=0.49
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	10.2	174	PgD	22:19:24.65			0.17
			Sg	19:26.31		-0.69	
SOP	24.0	120	Pg	22:19:26.55		0.26	
			Sg	19:29.72		-0.51	
CONA	34.9	296	Pg	22:19:28.41		0.37	
			Sg	19:32.82		-0.51	
WINA	38.5	336	Pg	22:19:29.32		0.70	
			Sg	19:33.97		-0.39	
ABNA	116.3	327	Pn	22:19:41.08		0.19	
			Sn	19:54.24		-1.96	
KRUC	141.6	3	Sn	22:20:01.35		-0.45	

1412.

2022-08-30 time: 5:01:33.40 UTC ML= 1.2
 lat: 45.869N lon: 21.798E h= 10.0 km
 erh= 6.9km erz= 9.3km
 nr= 6 gap=188 rms=0.75
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
BZS	31.4	207	PgU	5:01:39.47		0.18	
			Sg	01:43.33		-0.55	
GZR	92.9	125	Pg	5:01:50.46		0.38	
			Sg	02:01.39		-1.71	
DRGR	124.3	34	Pn	5:01:55.47		0.81	
			Sn	02:10.30		-0.94	

1413.

2022-08-30 time: 6:03:39.75 UTC ML= 1.2
 lat: 47.334N lon: 17.604E h= 0.0 km
 erh= 6.5km erz= 2.9km
 nr= 8 gap=251 rms=1.33
 Locality: Béb
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	18.8	195	Pg	6:03:44.45		1.34	
			Sg	03:46.23		0.50	
PKST	33.6	104	Pg	6:03:46.95		1.21	
			Sg	03:50.80		0.38	
CSKK	49.7	86	Sg	6:03:54.91		-0.63	
KOVH	143.6	165	Sn	6:04:21.91		-2.22	
MORH	147.5	147	Sn	6:04:23.56		-1.44	
PKSM	147.8	148	Sn	6:04:23.07		-1.99	

1414.

2022-08-30 time: 8:33:40.17 UTC ML= 0.7
 lat: 47.847N lon: 16.011E h= 0.0 km
 erh= 1.8km erz= 4.5km
 nr= 7 gap=100 rms=0.98
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	14.3	309	Pg	8:33:43.43		0.70	
			Sg	33:45.78		1.05	
RONA	27.0	127	PgU	8:33:45.07		0.08	
			Sg	33:48.83		0.09	
ARSA	75.8	209	Sg	8:34:03.54		-0.74	
MODS	111.0	58	Sg	8:34:15.05		-0.40	

Földrengés paraméterek

KRUC 138.0 12 Sn 8:34:19.82 -3.50

1415.

2022-08-30 time: 9:22:38.49 UTC ML= 1.7
 lat: 48.651N lon: 21.415E h= 0.0 km
 erh= 3.3km erz= 3.9km
 nr= 16 gap=133 rms=1.00
 Locality: out of Hungary
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	41.5	198	Pg	9:22:47.44		1.54	
			Sg	22:52.09		0.40	
KECS	71.1	255	Pg	9:22:50.19		-0.99	
			Sg	22:59.66		-1.42	
STHS	86.1	352	Pg	9:22:54.48		0.62	
			Sg	23:05.81		-0.05	
TRPA	101.4	125	Pg	9:22:56.56		-0.03	
			Sg	23:09.30		-1.41	
NIE	117.4	317	Pg	9:22:59.66		0.20	
			Sg	23:14.40		-1.42	
PSZ	139.2	234	Pn	9:23:02.44		-0.43	
			Sn	23:20.83		-1.07	
LANS	153.2	291	Pn	9:23:05.26		0.63	
			Sn	23:22.43		-2.58	
VYHS	191.1	265	Pn	9:23:10.48		1.13	
			Sn	23:34.62		1.19	

1416.

2022-08-30 time: 13:00:17.40 UTC ML= 1.1
 lat: 46.091N lon: 18.150E h= 0.0 km
 erh= 0.8km erz= 230km
 nr= 8 gap=165 rms=0.16
 Locality: Kővágószőlős
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	3.9	265	PgU	13:00:18.09		-0.01	
			Sg	00:18.53		-0.12	
PKSV	23.9	161	Pg	13:00:21.62		-0.05	
			Sg	00:24.94		-0.05	
PKSM	40.2	71	Pg	13:00:24.75		0.16	
			Sg	00:29.89		-0.30	
MORH	40.6	70	Pg	13:00:24.90		0.25	
			Sg	00:30.08		-0.22	

1417.

2022-08-30 time: 14:37:49.70 UTC ML= 1.4
 lat: 48.085N lon: 19.601E h= 0.0 km
 erh= 4.0km erz= 880km
 nr= 5 gap=182 rms=0.40
 Locality: Magyargéc
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	28.8	130	Pg	14:37:55.03		0.19	
			Sg	37:58.20		-0.64	
PENC	40.5	216	Pg	14:37:57.39		0.45	
			Sg	38:02.20		-0.39	
VYHS	72.7	309	Sg	14:38:12.51		-0.29	

1418.

2022-08-31 time: 4:38:47.16 UTC ML= 2.0
 lat: 46.112N lon: 16.619E h= 11.8 km
 erh= 2.7km erz= 2.2km
 nr= 29 gap= 82 rms=1.13
 Locality: Croatia
 Comments:

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
BEHE	41.6	17	Pg	4:38:55.18		0.30	
			Sg	39:00.86		-0.04	
KOGS	46.9	323	Pg	4:38:55.96		0.16	
			Sg	39:02.11		-0.43	
PTJ	56.3	245	Pg	4:38:57.65		0.21	
			Sg	39:05.56		0.10	
RCF6	56.5	296	Sg	4:39:04.91		-0.59	
GROS	94.4	294	Pg	4:39:04.00		-0.15	
			Sg	39:14.94		-2.46	
CRES	95.5	251	P*	4:39:04.33		0.00	
			S*	39:17.02		-0.70	
KOVH	114.6	91	Pn	4:39:06.16		-0.80	
			Sn	39:20.00		-2.41	
PKSV	128.9	101	Sn	4:39:24.48		-1.13	
PERS	129.4	297	Pn	4:39:09.54		0.72	
			Sn	39:25.68		-0.03	
MPLH	137.1	31	Sn	4:39:27.76		0.33	
SOKA	137.3	297	Sn	4:39:27.47		0.01	
ARSA	151.8	326	Sn	4:39:28.26		-2.42	
PKSM	156.6	86	Pn	4:39:11.62		-0.59	
			Sn	39:29.34		-2.41	
MORH	156.9	86	Sn	4:39:33.56		1.76	
BLY	157.8	164	Sn	4:39:34.34		2.32	
PKB4	158.8	74	Sn	4:39:34.62		2.39	
OBKA	165.5	285	Pn	4:39:13.70		0.39	
			Sn	39:34.00		0.29	
PKST	167.3	40	Pn	4:39:15.33		1.79	
			Sn	39:37.17		3.05	
RONA	178.2	352	Sn	4:39:39.65		3.11	

1419.

2022-08-31 time: 7:27:57.58 UTC ML= 1.2
lat: 47.987N lon: 20.356E h= 0.0 km
erh= 5.5km erz= 968km
nr= 6 gap=195 rms=0.59
Locality: Szarvaskő
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	35.3	258	Pg	7:28:04.09		0.21	
			Sg	28:08.71		-0.08	
KECS	56.0	10	Pg	7:28:08.35		0.77	
			Sg	28:14.22		-1.17	
ABAH	74.2	62	Pg	7:28:10.82		-0.01	
			Sg	28:20.29		-0.88	

1420.

2022-08-31 time: 8:18:09.66 UTC ML= 1.5
lat: 48.670N lon: 21.507E h= 0.0 km
erh= 4.8km erz= ***km
nr= 6 gap=143 rms=0.78
Locality: out of Hungary
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	46.1	205	Pg	8:18:18.44		0.56	
			Sg	18:23.48		-0.82	
KOLS	63.4	63	Sg	8:18:29.83		0.01	
KECS	78.2	255	Pg	8:18:24.33		0.71	
			Sg	18:32.86		-1.65	
NIE	120.6	314	Sg	8:18:47.51		-0.49	

1421.

2022-08-31 time: 8:25:54.35 UTC ML= 1.6
lat: 46.862N lon: 17.374E h= 0.0 km
erh= 3.0km erz= 5.3km
nr= 11 gap=106 rms=0.86
Locality: Lesencetomaj
Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
MPLH	36.5	20	Sg	8:26:05.50		-0.44	
TIH	39.8	84	Sg	8:26:07.90		0.91	
PKST	66.8	49	Pg	8:26:07.54		1.27	
			Sg	26:14.67		-0.91	
CSKK	87.3	50	Sg	8:26:20.64		-1.47	
KOVH	102.5	147	Sg	8:26:27.13		0.20	
MORH	121.0	126	Sg	8:26:31.96		-0.86	
PKSM	121.1	127	Sg	8:26:32.63		-0.22	
RONA	123.8	319	Pg	8:26:16.99		0.54	
GROS	150.1	253	Sn	8:26:39.24		-0.94	
CONA	164.6	316	Sn	8:26:43.20		-0.20	

1422.

2022-08-31 time: 8:51:25.34 UTC ML= 1.0
lat: 47.319N lon: 17.618E h= 0.0 km
erh= 1.6km erz= 388km
nr= 6 gap=147 rms=0.23
Locality: Ugod
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	17.6	200	Pg	8:51:28.65		0.17	
			Sg	51:30.78		-0.15	
EGYH	24.2	297	Sg	8:51:32.74		-0.31	
PKST	32.2	102	Pg	8:51:31.17		0.08	
			Sg	51:35.01		-0.56	
CSKK	48.8	84	Pg	8:51:34.22		0.16	

1423.

2022-08-31 time: 8:54:42.17 UTC ML= 1.5
lat: 48.369N lon: 18.472E h= 0.0 km
erh= 3.6km erz= 8.3km
nr= 11 gap=118 rms=1.18
Locality: Czech and Slovak Republics
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	30.3	63	Pg	8:54:48.39		0.80	
			Sg	54:51.67		-0.15	
SMOL	78.8	282	Sg	8:55:05.60		-1.63	
MODS	88.5	270	Pg	8:54:59.66		1.68	
			Sg	55:10.06		-0.24	
CSKK	113.0	188	Sg	8:55:17.57		-0.51	
LANS	113.7	40	Sg	8:55:16.67		-1.63	
PSZ	117.1	115	Pg	8:55:04.27		1.18	
			Sg	55:18.36		-1.05	
PKST	127.7	195	Sg	8:55:21.41		-1.35	
KECS	149.6	85	Sn	8:55:26.61		-1.29	

1424.

2022-08-31 time: 9:10:00.26 UTC ML= 1.1
lat: 47.362N lon: 17.597E h= 0.0 km
erh= 2.3km erz= 1.5km
nr= 6 gap=258 rms=0.86
Locality: Béb
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	21.7	192	Pg	9:10:04.88		0.74	
			Sg	10:07.07		-0.10	
PKST	35.0	109	Pg	9:10:07.15		0.64	
			Sg	10:10.28		-1.10	
CSKK	50.1	90	Sg	9:10:16.03		-0.16	
KOVH	146.7	165	Sn	9:10:43.52		-1.82	

Hypocenter Parameters

1425.

2022-08-31 time: 9:16:32.81 UTC ML= 1.6
 lat: 48.641N lon: 22.391E h= 0.0 km
 erh= 6.4km erz= 6.9km
 nr= 8 gap=131 rms=1.14
 Locality: Ukraine
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOLS	33.6	345	Pg	9:16:39.41			0.60
			Sg	16:44.26			0.77
ABAH	93.4	246	Pg	9:16:50.13			0.63
			Sg	17:01.87			-0.64
KWP	112.5	12	Sg	9:17:07.20			-1.36
BMR	135.5	143	Sn	9:17:13.53			-1.88
KECS	141.8	263	Pn	9:16:58.66			1.14
			Sn	17:14.71			-2.09

1426.

2022-08-31 time: 9:25:29.25 UTC ML= 1.7
 lat: 48.881N lon: 21.612E h= 0.0 km
 erh= 4.7km erz= 6.0km
 nr= 10 gap=101 rms=1.05
 Locality: out of Hungary
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOLS	48.8	83	Pg	9:25:38.10			0.14
			Sg	25:44.54			-0.22
KECS	94.0	242	Pg	9:25:46.31			0.27
			Sg	25:57.58			-1.55
NIE	112.1	302	Pg	9:25:51.02			1.76
			Sg	26:03.28			-1.59
KWP	115.4	44	Sg	9:26:05.16			-0.77
LANS	159.7	281	Sn	9:26:16.90			-0.32
PSZ	166.2	230	Sn	9:26:18.46			-0.21
DRGR	246.4	160	Pn	9:26:12.36			5.35

1427.

2022-09-01 time: 1:07:26.24 UTC ML= 1.9
 lat: 45.886N lon: 16.046E h= 8.6 km
 erh= 1.4km erz= 1.1km
 nr= 22 gap=104 rms=0.47
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PTJ	7.0	283	Pg	1:07:27.92			-0.30
			Sg	07:29.21			-0.56
ZAG	7.5	212	PgD	1:07:28.50			0.22
			Sg	07:30.39			0.51
GCIS	32.5	266	iPg	1:07:32.40			0.15
			iSg	07:36.29			-0.65
GOLS	35.5	293	iPg	1:07:33.24			0.48
			iSg	07:37.83			-0.02
CESS	46.2	282	iPg	1:07:35.27			0.63
			iSg	07:40.81			-0.37
CRES	46.2	262	Pg	1:07:34.73			0.09
			Sg	07:40.91			-0.28
DOBS	53.4	303	iPg	1:07:36.01			0.11
LEGS	56.9	277	iPg	1:07:36.61			0.09
KOGS	64.5	14	Pg	1:07:37.78			-0.08
			Sg	07:45.94			-0.97
BEHE	86.0	41	Sg	1:07:54.14			0.43
OBKA	134.7	301	Pn	1:07:49.94			0.97
			Sn	08:06.40			-0.30
BLY	154.7	145	Pn	1:07:50.46			-1.01
			Sn	08:11.59			0.45
ARSA	156.9	345	Sn	1:08:11.28			-0.34
PKSM	204.1	80	Sn	1:08:26.93			4.82*
MORH	204.4	80	Sn	1:08:27.28			5.11*

Földrengés paraméterek

1428.

2022-09-01 time: 8:24:34.48 UTC ML= 1.4
 lat: 47.864N lon: 19.140E h= 0.0 km
 erh= 1.6km erz= 598km
 nr= 11 gap=111 rms=0.49
 Locality: Nőtincs
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	13.4	128	Pg	8:24:37.11			0.24
			Sg	24:38.58			-0.16
PSZ	56.8	84	Pg	8:24:45.02			0.40
			Sg	24:52.53			0.01
VYHS	73.6	342	Pg	8:24:48.15			0.53
			Sg	24:57.36			-0.52
CSKK	86.4	230	Sg	8:25:02.55			0.59
PKST	107.0	231	Pg	8:24:52.90			-0.69
			Sg	25:07.95			-0.54
KECS	121.5	55	Pg	8:24:56.15			-0.03
			Sg	25:11.06			-2.04

1429.

2022-09-01 time: 8:48:12.13 UTC ML= 1.9
 lat: 48.204N lon: 21.237E h= 0.0 km
 erh= 4.6km erz= ***km
 nr= 9 gap=158 rms=0.99
 Locality: Rátka
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	10.2	1	PgU	8:48:14.59			0.64
			Sg	48:15.37			0.00
KECS	63.7	299	Pg	8:48:24.58			1.07
			Sg	48:30.86			-1.53
TRPA	97.2	95	Sg	8:48:41.75			-1.28
PSZ	105.0	252	Pg	8:48:31.03			0.15
			Sg	48:44.81			-0.69
KOLS	111.4	43	Pg	8:48:32.68			0.65
			Sg	48:44.96			-2.59

1430.

2022-09-01 time: 9:05:07.19 UTC ML= 1.7
 lat: 46.791N lon: 22.796E h= 0.0 km
 erh= 4.2km erz= 2.8km
 nr= 7 gap=220 rms=0.43
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	6.5	270	Pg	9:05:08.03			-0.31
			Sg	05:09.36			0.12
DEV	101.3	175	Sg	9:05:39.10			-0.28
GZR	155.4	181	Pn	9:05:34.25			0.65
			Sn	05:54.75			0.55
BZS	159.2	215	Sn	9:05:54.44			-0.59
VOIR	230.2	131	Sn	9:06:10.56			-0.25

1431.

2022-09-01 time: 10:28:35.52 UTC ML= 1.2
 lat: 47.858N lon: 19.084E h= 0.0 km
 erh= 0.9km erz= 252km
 nr= 6 gap=116 rms=0.15
 Locality: Szendehely
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	16.6	117	Pg	10:28:38.68			0.19
			Sg	28:40.87			0.07
PSZ	61.0	84	Pg	10:28:46.27			-0.15
			Sg	28:54.80			-0.11

Földrengés paraméterek

VYHS 73.1 345 Sg 10:28:58.87 0.11
 PKST 103.3 230 Sg 10:29:08.19 -0.17
 1432.

2022-09-02 time: 0:40:28.17 UTC ML= 1.7
 lat: 46.205N lon: 16.879E h= 9.8 km
 erh= 1.8km erz= 1.5km
 nr= 28 gap=141 rms=0.71

Locality: Croatia

Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	30.5	345	Pg	0:40	:33	.96	0.06
			Sg	40	:38	.38	0.02
KOGS	55.5	299	Pg	0:40	:38	.48	0.25
			Sg	40	:45	.86	-0.22
RCF6	72.3	281	Pg	0:40	:40	.88	-0.33
			Sg	40	:50	.05	-1.32
PTJ	79.0	245	Pg	0:40	:43	.04	0.65
			Sg	40	:52	.98	-0.49
ZAG	80.3	239	Sg	0:40	:54	.59	0.69
KOVH	95.2	98	Pg	0:40	:45	.01	-0.25
			Sg	40	:57	.34	-1.25
GROS	109.8	285	Pn	0:40	:46	.78	-0.87
			Sn	41	:01	.72	-1.12
CRES	118.0	249	Pn	0:40	:49	.80	1.13
			Sn	41	:03	.89	-0.76
MPLH	118.5	25	Pn	0:40	:48	.47	-0.27
			Sn	41	:02	.61	-2.17
PKSM	136.0	90	Pn	0:40	:50	.05	-0.86
			Sn	41	:09	.06	0.42
MORH	136.2	90	Pn	0:40	:50	.32	-0.62
			Sn	41	:09	.19	0.50
PKB4	136.6	76	Pn	0:40	:52	.08	1.09
			Sn	41	:09	.06	0.27
EGYH	139.1	14	Pn	0:40	:52	.41	1.11
			Sn	41	:09	.73	0.40
PERS	143.7	289	Pn	0:40	:52	.55	0.67
			Sn	41	:10	.46	0.10
PKST	146.7	37	Pn	0:40	:52	.69	0.45

1433.

2022-09-02 time: 5:58:23.28 UTC ML= 0.9
 lat: 47.912N lon: 16.058E h= 0.0 km
 erh= 1.8km erz= 474km
 nr= 6 gap=134 rms=0.28
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	14.8	277	Pg	5:58	:25	.86	-0.05
			Sg	58	:28	.01	0.04
RONA	29.7	143	Pg	5:58	:28	.84	0.27
			Sg	58	:31	.96	-0.75
MODS	104.2	61	Sg	5:58	:56	.73	0.32
KRUC	130.2	11	Pg	5:58	:46	.36	-0.17

1434.

2022-09-02 time: 7:00:44.86 UTC ML= 1.3
 lat: 47.094N lon: 18.021E h= 0.0 km
 erh= 2.2km erz= 5.0km
 nr= 12 gap= 97 rms=0.61
 Locality: Litér
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	18.4	3	Pg	7:00	:47	.97	-0.16
			Sg	00	:49	.87	-0.82
TIH	23.7	204	Pg	7:00	:49	.59	0.51
CSKK	35.0	31	Pg	7:00	:51	.38	0.28
			Sg	00	:56	.38	0.40
MPLH	37.5	283	Sg	7:00	:56	.49	-0.28

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
MORH	108.7	154	Pg	7:01	:04	.79	0.53
			Sg	01	:18	.46	-0.94
PKSM	109.0	154	Pg	7:01	:04	.98	0.66
			Sg	01	:18	.36	-1.14
KOVH	112.0	177	Sg	7:01	:19	.22	-1.23
PSZ	168.3	57	Sn	7:01	:34	.57	-0.16

1435.

sta	dist	azm	phase	hr	mn	sec	res
CONA	17.6	275	Pg	9:30	:58	.74	0.25
			Sg	31	:00	.38	-0.56
RONA	28.2	148	Pg	9:31	:00	.46	0.07
			Sg	31	:03	.99	-0.33
KRUC	129.4	10	Pg	9:31	:18	.85	0.39
			Sg	31	:35	.87	-0.62

1436.

sta	dist	azm	phase	hr	mn	sec	res
CONA	17.6	275	Pg	9:47	:46	.84	0.7
			Sg	47	:50	.26	0.69
RONA	28.2	148	Pg	9:47	:51	.81	0.22
			Sg	47	:55	.50	0.21
ARSA	79.1	210	Sg	9:48	:11	.16	-0.82
KRUC	135.3	11	Sn	9:48	:27	.32	-2.06

1437.

sta	dist	azm	phase	hr	mn	sec	res
CONA	15.2	296	Pg	9:47	:50	.26	0.69
			Sg	47	:51	.77	0.08
RONA	26.6	135	Pg	9:47	:51	.81	0.22
			Sg	47	:55	.50	0.21
ARSA	79.1	210	Sg	9:48	:11	.16	-0.82
KRUC	135.3	11	Sn	9:48	:27	.32	-2.06

sta	dist	azm	phase	hr	mn	sec	res
PKST	16.2	15	Pg	10:53	:19	.52	-0.27
			Sg	53	:21	.79	-0.25
TIH	25.2	195	Pg	10:53	:21	.86	0.46
MPLH	33.9	280	Sg	10:53	:28	.09	0.40
CSKK	34.5	38	Pg	10:53	:23	.38	0.32
			Sg	53	:26	.89	-0.98
PKB1	72.1	121	Pg	10:53	:31	.50	1.72
			Sg	53	:40	.45	0.63
PKB4	84.0	145	Pg	10:53	:32	.20	0.31
			Sg	53	:44	.14	0.55
MORH	112.5	153	Pg	10:53	:36	.48	-0.51
			Sg	53	:51	.98	-0.67
PKSM	112.8	153	Pg	10:53	:36	.59	-0.45
			Sg	53	:52	.02	-0.73
KOVH	114.9	175	Pg	10:53	:37	.33	-0.08
			Sg	53	:52	.14	-1.28

Hypocenter Parameters

1438.

2022-09-03 time: 18:17:05.43 UTC ML= 0.4
 lat: 47.903N lon: 16.421E h= 10.8 km
 erh= 1.6km erz= 1.8km
 nr= 9 gap=158 rms=0.22
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	24.5	202	PgD	18:17:10.32			0.11
			Sg	17:13.47			-0.46
SOP	26.5	157	Pg	18:17:10.42			-0.12
			Sg	17:14.68			0.15
WINA	34.5	311	Pg	18:17:12.03			0.14
			Sg	17:16.66			-0.26
CONA	41.9	274	Pg	18:17:13.47			0.31
			Sg	17:19.03			-0.16
KRUC	128.9	359	Sn	18:17:43.93			-0.17

1439.

2022-09-04 time: 20:45:14.44 UTC ML= 0.5
 lat: 47.763N lon: 16.125E h= 13.7 km
 erh= 2.0km erz= 1.8km
 nr= 13 gap=100 rms=0.56
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	14.6	119	PgU	20:45:18.26			0.24
			Sg	45:20.45			-0.36
CONA	27.0	313	Pg	20:45:20.68			0.84
			Sg	45:23.97			-0.08
SOP	33.7	105	Pg	20:45:21.44			0.51
			Sg	45:25.90			-0.09
WINA	38.5	354	Pg	20:45:21.49			-0.24
			Sg	45:26.17			-1.25
ARSA	72.8	219	Pg	20:45:27.72			0.05
			Sg	45:36.88			-1.12
ABNA	113.2	333	Pn	20:45:33.93			0.09
			Sn	45:48.00			-0.97
KRUC	145.8	8	Sn	20:45:56.57			0.37

1440.

2022-09-05 time: 6:38:29.91 UTC ML= 1.9
 lat: 47.270N lon: 18.351E h= 0.0 km
 erh= 1.9km erz= 2.5km
 nr= 13 gap=111 rms=0.61
 Locality: Sárkeresztes
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	12.4	326	Pg	6:38:32.56			0.43
			Sg	38:33.68			-0.19
PKST	24.0	267	Pg	6:38:34.83			0.63
			Sg	38:37.67			0.12
MPLH	62.5	260	Sg	6:38:49.21			-0.57
MORH	119.3	169	Sg	6:39:07.61			-0.23
PKSM	119.7	169	Sg	6:39:07.74			-0.22
KOVH	132.8	188	Sn	6:39:11.44			-0.46
PSZ	136.6	58	Pn	6:38:54.67			0.69
			Sn	39:12.52			-0.24
VYHS	140.8	15	Sn	6:39:11.99			-1.70
MODS	146.7	327	Pn	6:38:55.16			-0.08
			Sn	39:12.46			-2.54

Földrengés paraméterek

1441.

2022-09-05 time: 8:00:39.70 UTC ML= 1.6
 lat: 46.808N lon: 17.269E h= 0.0 km
 erh= 3.1km erz= 5.6km
 nr= 13 gap=101 rms=1.04
 Locality: Cserszegtomaj
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	45.2	27	Pg	8:00:47.87			0.10
			Sg	00:53.31			-0.77
PKST	76.8	49	Pg	8:00:54.40			0.98
KOGS	87.6	243	Sg	8:01:07.51			-0.05
CSKK	97.4	51	Sg	8:01:09.43			-1.22
KOVH	102.4	141	Pg	8:00:59.57			1.60
			Sg	01:12.01			-0.22
RCF6	113.4	242	Sg	8:01:14.91			-0.82
MORH	124.4	122	Sg	8:01:18.08			-1.16
PKSM	124.5	122	Sg	8:01:17.49			-1.77
GROS	140.7	254	Pn	8:01:05.24			0.97
			Sn	01:21.72			-1.72
CONA	163.7	320	Sn	8:01:28.57			0.01

1442.

2022-09-05 time: 8:08:07.07 UTC ML= 1.5
 lat: 48.523N lon: 17.464E h= 0.0 km
 erh= 2.4km erz= 3.9km
 nr= 10 gap=144 rms=0.50
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	2.8	250	PgU	8:08:07.24			-0.33
			Sg	08:07.89			-0.07
MODS	21.6	220	Pg	8:08:11.13			0.21
			Sg	08:14.61			0.68
KRUC	98.8	307	Sg	8:08:38.79			0.31
VYHS	101.4	92	Pg	8:08:25.77			0.58
			Sg	08:38.22			-1.10
RONA	126.2	224	Pg	8:08:29.41			-0.20
CONA	136.2	241	Pn	8:08:31.06			-0.02
			Sn	08:48.02			-1.79

1443.

2022-09-05 time: 9:09:12.71 UTC ML= 1.8
 lat: 48.737N lon: 18.444E h= 0.0 km
 erh= 3.4km erz= 5.5km
 nr= 11 gap= 95 rms=0.84
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	39.6	133	Pg	9:09:20.28			0.51
			Sg	09:25.53			0.24
SMOL	78.9	252	Sg	9:09:36.95			-0.83
LANS	87.9	58	Pg	9:09:28.73			0.32
			Sg	09:38.99			-1.67
MODS	95.2	245	Pg	9:09:30.61			0.91
			Sg	09:42.04			-0.92
PENC	122.3	149	Sg	9:09:50.02			-1.55
MORC	133.0	330	Pn	9:09:36.87			0.55
			Sn	09:53.46			-1.28
KECS	153.2	101	Pn	9:09:39.30			0.46

Földrengés paraméterek

1444.

2022-09-05 time: 12:50:16.75 UTC ML= 1.2
 lat: 47.574N lon: 18.491E h= 0.0 km
 erh= 6.1km erz= 5.7km
 nr= 7 gap=161 rms=0.68
 Locality: Tarján
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	29.2	217	Pg	12:50:22.72			0.75
			Sg	50:25.93			-0.11
PKST	49.2	225	Sg	12:50:32.89			0.51
MPLH	84.8	238	Sg	12:50:42.59			-1.10
VYHS	105.5	14	Sg	12:50:49.95			-0.32
MORH	151.5	176	Sn	12:51:01.85			-1.04
PKSM	151.9	176	Sn	12:51:03.18			0.19

1445.

2022-09-05 time: 12:56:11.43 UTC ML= 0.8
 lat: 47.938N lon: 16.124E h= 0.0 km
 erh= 2.1km erz= 517km
 nr= 5 gap=145 rms=0.23
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	19.6	267	Pg	12:56:15.05			0.12
			Sg	56:17.45			-0.21
RONA	29.5	154	Pg	12:56:16.93			0.24
			Sg	56:20.37			-0.42
KRUC	126.6	9	Sg	12:56:51.52			-0.15

1446.

2022-09-05 time: 14:12:51.81 UTC ML= 1.6
 lat: 48.693N lon: 19.190E h= 0.0 km
 erh= 2.5km erz= 759km
 nr= 8 gap=152 rms=0.54
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	34.3	230	Pg	14:12:57.92			0.00
			Sg	13:02.38			-0.32
LANS	54.8	22	Pg	14:13:01.68			0.09
			Sg	13:08.76			-0.46
KECS	98.4	104	Pg	14:13:09.98			0.60
			Sg	13:22.00			-1.08
PSZ	100.8	149	Pg	14:13:10.38			0.58
			Sg	13:22.93			-0.91

1447.

2022-09-06 time: 6:29:40.50 UTC ML= 1.4
 lat: 47.012N lon: 17.968E h= 0.0 km
 erh= 1.2km erz= 2.0km
 nr= 16 gap= 94 rms=0.47
 Locality: Felsőörs
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
TIH	13.7	205	Sg	6:29:44.69			-0.15
PKST	28.0	10	Pg	6:29:45.07			-0.42
			Sg	29:49.30			-0.09
MPLH	37.0	298	Pg	6:29:47.70			0.59
			Sg	29:52.59			0.33
CSKK	44.9	30	Pg	6:29:48.64			0.12
			Sg	29:54.70			-0.08
PKSG	53.0	37	Sg	6:29:57.21			-0.15
PKB4	75.1	140	Sg	6:30:04.57			0.20
MORH	102.5	150	Pg	6:29:59.16			0.36
			Sg	30:11.53			-1.55

Hypocenter Parameters

PKSM	102.8	150	Pg	6:29:59.16	0.31
			Sg	30:11.53	-1.64
KOVH	103.1	174	Sg	6:30:12.86	-0.42
RONA	147.7	301	Sn	6:30:25.31	-0.48
PSZ	176.8	55	Sn	6:30:32.58	0.32

1448.

2022-09-06 time: 8:14:07.75 UTC ML= 1.7
 lat: 47.313N lon: 18.496E h= 0.0 km
 erh= 2.2km erz= 716km
 nr= 9 gap=117 rms=0.54
 Locality: Lovasberény
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	11.8	318	PgU	8:14:10.34			0.47
			Sg	14:11.03			-0.49
CSKK	18.7	287	PgU	8:14:11.46			0.38
			Sg	14:12.72			-0.96
PKST	35.4	260	Pg	8:14:14.59			0.51
			Sg	14:18.28			-0.74
MORH	122.5	175	Sg	8:14:46.59			-0.10
PKSM	122.9	175	Sg	8:14:46.90			0.08
PSZ	124.8	57	Sg	8:14:46.67			-0.76

1449.

2022-09-06 time: 8:17:45.27 UTC ML= 1.7
 lat: 48.552N lon: 20.746E h= 0.0 km
 erh= 3.5km erz= ***km
 nr= 9 gap=146 rms=0.78
 Locality: Komjáti
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	20.7	248	Pg	8:17:49.26			0.29
			Sg	17:52.00			0.15
ABAH	46.3	128	Pg	8:17:53.50			-0.04
			Sg	17:59.13			-0.86
PSZ	94.7	222	Pg	8:18:02.59			0.41
			Sg	18:15.05			-0.32
NIE	101.5	342	Pg	8:18:04.88			1.49
LANS	115.0	305	Pg	8:18:04.80			-1.01
			Sg	18:20.61			-1.22

1450.

2022-09-06 time: 8:51:16.68 UTC ML= 1.5
 lat: 48.652N lon: 21.464E h= 0.0 km
 erh= 2.6km erz= 5.7km
 nr= 9 gap= 94 rms=0.76
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	42.9	203	Pg	8:51:25.28			0.95
			Sg	51:30.59			0.28
KOLS	67.2	62	Sg	8:51:38.00			-0.04
KECS	74.6	255	Pg	8:51:30.28			0.28
			Sg	51:39.10			-1.29
STHS	86.6	349	Sg	8:51:44.25			0.04
TRPA	98.5	126	Pg	8:51:34.57			0.31
			Sg	51:46.51			-1.47
PSZ	142.2	235	Sn	8:51:59.55			-1.20

1451.

2022-09-06 time: 8:58:32.44 UTC ML= 1.7
 lat: 48.473N lon: 19.111E h= 0.0 km
 erh= 5.9km erz= 6.9km
 nr= 9 gap=184 rms=1.04
 Locality: Slovakia
 Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
PENC	77.0	171	Pg	8:58:47.	43	1.24	
			Sg	58:56.05		-0.87	
PSZ	84.9	137	Pg	8:58:48.87		1.27	
			Sg	58:58.70		-0.72	
SRO	94.4	219	Sg	8:59:01.87		-0.58	
KECS	101.6	89	Pg	8:58:50.78		0.19	
			Sg	59:02.92		-1.83	
PKSG	131.8	204	Sn	8:59:12.91		-1.30	
MODS	136.2	265	Sn	8:59:14.71		-0.48	

1452.

2022-09-06 time: 9:21:24.82 UTC ML= 1.0
lat: 47.193N lon: 18.278E h= 0.0 km
erh= 2.1km erz= 8.9km
nr= 10 gap=145 rms=0.58
Locality: Sárkeszi
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	19.0	356	Pg	9:21:28.41		0.19	
			Sg	21:30.09		-0.77	
PKST	19.9	292	Pg	9:21:28.49		0.12	
			Sg	21:31.03		-0.12	
PKSG	23.7	21	Pg	9:21:29.66		0.60	
			Sg	21:31.89		-0.47	
MPLH	56.1	267	Pg	9:21:35.26		0.43	
MORH	112.1	166	Sg	9:22:00.57		0.11	
KOVH	123.5	186	Sg	9:22:02.69		-1.39	
MODS	151.2	330	Sn	9:22:08.48		-2.43	

1453.

2022-09-06 time: 9:37:21.62 UTC ML= 1.1
lat: 47.868N lon: 16.035E h= 0.0 km
erh= 0.7km erz= 1.5km
nr= 8 gap= 88 rms=0.49
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	14.6	298	Pg	9:37:24.53		0.30	
			Sg	37:26.48		0.22	
RONA	27.1	134	PgU	9:37:26.50		0.04	
			Sg	37:30.28		0.05	
ARSA	78.7	209	Sg	9:37:46.52		-0.11	
MODS	108.3	59	Sg	9:37:56.69		0.65	
KRUC	135.4	11	Pn	9:37:44.89		-0.65	
			Sn	38:01.64		-2.56	

1454.

2022-09-06 time: 19:20:30.63 UTC ML= 2.2
lat: 47.804N lon: 16.353E h= 12.8 km
erh= 1.6km erz= 1.2km
nr= 57 gap= 41 rms=1.04
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.3	200	PgD	19:20:33.64		-0.16	
			Sg	20:35.57		-0.70	
SOP	20.4	131	PgU	19:20:35.03		0.10	
			Sg	20:37.79		-0.49	
CONA	39.3	291	PgU	19:20:37.73		-0.28	
			Sg	20:42.88		-0.88	
WINA	39.7	328	Pg	19:20:38.51		0.43	
			Sg	20:43.89		0.00	
EGYH	85.2	120	PgU	19:20:47.04		1.02	
			Sg	20:57.36		-0.66	
ARSA	87.7	225	Pg	19:20:44.97		-1.48	
			Sg	20:55.05		-3.74	
MODS	93.6	47	P*	19:20:47.19		-0.23	

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
SMOL	112.4	45	S*	20:59.77		-0.74	
			Pn	19:20:49.99		-0.06	
MPLH	113.8	128	Sn	21:04.40		-0.79	
			Pn	19:20:49.71		-0.51	
A337	117.9	65	Sn	21:03.98		-1.52	
			Pn	19:20:51.12		0.40	
ABNA	118.2	325	Sn	21:05.91		-0.48	
			Pn	19:20:50.49		-0.27	
KRUC	140.0	1	Sn	21:06.24		-0.22	
			PnD	19:20:53.46		-0.02	
PKST	140.3	116	Sn	21:10.40		-0.90	
			Pn	19:20:53.27		-0.25	
			Sn	21:09.88		-1.50	
SRO	146.8	90	Sn	19:21:11.91		-0.92	
KOGS	150.9	183	Pn	19:20:56.98		2.14	
			Sn	21:13.76		0.04	
MOA	156.4	272	Pn	19:20:55.80		0.28	
			Sn	21:14.99		0.05	
PKSG	159.9	107	Pn	19:20:58.70		2.73	
PERS	160.1	216	Pn	19:20:57.47		1.48	
			Sn	21:14.67		-1.09	
SOKA	160.2	219	Pn	19:20:56.50		0.50	
			Sn	21:15.08		-0.70	
GROS	162.6	203	Pn	19:20:57.95		1.65	
			Sn	21:15.55		-0.78	
RCF6	166.2	190	Pn	19:20:59.02		2.28	
TREC	177.7	339	ePn	19:20:58.90		0.71	
			eSn	21:19.00		-0.68	
OBKA	198.6	224	Pn	19:21:01.04		0.26	
			Sn	21:26.63		2.32	
VYHS	200.1	67	Pn	19:21:04.87		3.89	
BUD	203.8	100	Sn	19:21:25.16		-0.31	
BIOA	204.0	266	Pn	19:21:02.24		0.78	
			Sn	21:25.66		0.16	
PKB1	216.5	122	Pn	19:21:02.58		-0.44	
PKB4	224.2	130	Sn	19:21:27.43		-2.57	
PKB5	225.1	127	Sn	19:21:27.19		-3.00	
KOVH	232.5	145	Pn	19:21:04.62		-0.39	
MORC	236.2	22	Pn	19:21:06.78		1.30	
			Sn	21:32.53		-0.13	
MORH	248.0	135	Pn	19:21:06.37		-0.58	
			Sn	21:31.39		-3.89	
PKSM	248.2	135	Pn	19:21:06.23		-0.74	
			Sn	21:31.39		-3.93*	

1455.

2022-09-06 time: 22:59:50.67 UTC ML= 0.7
lat: 47.919N lon: 16.353E h= 15.5 km
erh= 2.4km erz= 1.7km
nr= 14 gap=112 rms=0.63
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	24.7	190	PgD	22:59:56.25		0.37	
			Sg	59:59.59		-0.35	
WINA	29.5	315	Pg	22:59:55.68		-0.94	
			Sg	23:00:00.97		-0.30	
SOP	30.4	150	Pg	22:59:56.86		0.10	
			Sg	23:00:00.53		-0.98	
CONA	36.7	272	Pg	22:59:58.42		0.64	
			Sg	23:00:04.08		0.75	
ARSA	97.0	220	S*	22:60:20.76		-0.28	
ABNA	107.9	321	Pn	22:60:09.35		0.17	
			Sn	60:22.47		-1.14	
KRUC	127.1	1	Pn	22:60:12.35		0.77	
			Sn	60:27.01		-0.87	
CSKK	156.1	113	Sn	22:60:34.78		0.46	

Földrengés paraméterek

1456.

2022-09-07 time: 2:31:38.17 UTC ML= 1.0
 lat: 45.909N lon: 16.010E h= 6.5 km
 erh= 1.5km erz= 1.0km
 nr= 8 gap=282 rms=0.13
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PTJ	4.2	256	Pg	2:31:39	65		0.11
			Sg	31:40	55		-0.07
R971	7.9	180	Pg	2:31:39	84		-0.15
			Sg	31:41	48		0.06
ZAG	9.0	188	Pg	2:31:40	12		-0.02
			Sg	31:41	73		0.04
CRES	43.9	258	Pg	2:31:46	26		0.16
			Sg	31:51	96		-0.32

1457.

2022-09-07 time: 7:10:58.48 UTC ML= 1.2
 lat: 48.077N lon: 20.691E h= 0.0 km
 erh= 1.2km erz= 261km
 nr= 6 gap=194 rms=0.15
 Locality: Bükkzentralászló
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	47.4	59	Pg	7:11:07	15		0.19
			Sg	11:13	32		-0.24
KECS	47.6	341	Pg	7:11:06	84		-0.15
			Sg	11:13	79		0.17
PSZ	62.1	253	Pg	7:11:09	57		0.01
			Sg	11:18	16		-0.05

1458.

2022-09-07 time: 7:14:30.46 UTC ML= 1.3
 lat: 46.927N lon: 22.946E h= 0.0 km
 erh= 1.7km erz= 1.2km
 nr= 6 gap=225 rms=0.68
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	23.4	230	Pg	7:14:35	30		0.66
			Sg	14:37	72		-0.18
GZR	171.0	184	Pn	7:14:59	34		0.53
			Sn	15:19	87		-1.06
BZS	178.1	215	Sn	7:15:21	43		-1.08
ABAH	199.0	320	Sn	7:15:26	97		-0.18

1459.

2022-09-07 time: 7:50:58.11 UTC ML= 1.7
 lat: 48.530N lon: 19.321E h= 0.0 km
 erh= 4.2km erz= 5.8km
 nr= 8 gap=116 rms=0.91
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	36.0	264	Sg	7:51:09	29		-0.27
LANS	69.8	9	Sg	7:51:19	85		-0.44
PSZ	80.3	148	Pg	7:51:13	68		1.23
			Sg	51:22	88		-0.76
KECS	86.2	93	Pg	7:51:14	12		0.61
			Sg	51:23	93		-1.59
ABAH	144.4	100	Pn	7:51:23	46		0.31
			Sn	51:41	20		-1.48

Hypocenter Parameters

1460.

2022-09-07 time: 8:30:06.68 UTC ML= 1.1
 lat: 48.769N lon: 20.093E h= 0.0 km
 erh= 5.7km erz= 9.2km
 nr= 7 gap=159 rms=0.97
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	43.0	138	Pg	8:30:15	14		0.78
			Sg	30:20	77		0.43
LANS	62.4	313	Pg	8:30:18	69		0.86
			Sg	30:24	88		-1.64
PSZ	95.8	189	Sg	8:30:35	88		-1.23
ABAH	99.7	122	Sg	8:30:38	03		-0.33
TRPA	194.4	111	Sn	8:31:00	93		-1.41

1461.

2022-09-07 time: 8:36:46.61 UTC ML= 1.8
 lat: 48.350N lon: 19.850E h= 0.0 km
 erh= 2.6km erz= ***km
 nr= 13 gap= 83 rms=0.92
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	48.1	176	Pg	8:36:55	72		0.52
			Sg	37:01	83		-0.07
KECS	49.3	73	Pg	8:36:55	88		0.46
			Sg	37:01	83		-0.47
PENC	75.2	214	Sg	8:37:08	30		-2.23
VYHS	76.7	282	Pg	8:37:01	57		1.26
			Sg	37:09	97		-1.03
LANS	93.4	342	Pg	8:37:03	84		0.56
			Sg	37:15	42		-0.87
ABAH	103.2	93	Pg	8:37:05	48		0.43
			Sg	37:17	84		-1.59
NIE	123.6	16	Pg	8:37:08	92		0.23
			Sg	37:24	11		-1.80

1462.

2022-09-07 time: 8:47:44.24 UTC ML= 1.6
 lat: 48.550N lon: 17.580E h= 0.0 km
 erh= 2.1km erz= 3.5km
 nr= 12 gap=128 rms=0.50
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	11.9	250	Pg	8:47:46	64		0.27
			Sg	47:48	17		0.14
MODS	29.8	229	Pg	8:47:49	73		0.17
			Sg	47:53	76		0.05
ZST	53.0	222	Pg	8:47:53	49		-0.21
			Sg	48:00	46		-0.61
VYHS	93.0	94	Pg	8:48:01	39		0.54
			Sg	48:12	66		-1.14
KRUC	104.0	303	Sg	8:48:16	43		-0.86
RONA	134.5	225	Pn	8:48:08	30		0.26
MORC	136.4	359	Pn	8:48:08	65		0.37
			Sn	48:25	03		-2.01

1463.

2022-09-07 time: 8:51:52.75 UTC ML= 2.0
 lat: 46.856N lon: 17.376E h= 0.0 km
 erh= 2.7km erz= 5.6km
 nr= 19 gap= 95 rms=1.19
 Locality: Lesencetomaj
 Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
MPLH	37.1	20	Pg	8:51:58.97	-0.41		
			Sg	52:05.06	0.52		
TIH	39.7	83	Sg	8:52:05.38	0.00		
			Sg	52:13.57	0.95		
EGYH	62.5	357	Pg	8:52:05.00	0.25		
			Sg	52:13.24	-0.86		
PKST	67.2	48	Pg	8:52:11.41	1.27		
			Sg	52:22.16	-1.54		
PKSG	97.4	52	Pg	8:52:11.02	0.88		
			Sg	52:23.00	-0.70		
KOVH	101.8	147	Sg	8:52:23.72	-1.40		
PKB4	102.1	113	Sg	8:52:26.36	1.15		
MORH	120.5	126	Pg	8:52:15.48	1.20		
			Sg	52:28.47	-2.60		
PKSM	120.6	126	Pg	8:52:14.62	0.33		
			Sg	52:28.14	-2.95		
ARSA	147.5	287	Pn	8:52:19.02	0.85		
			Sn	52:34.98	-3.02		
MODS	168.9	357	Sn	8:52:41.12	-1.64		

1464.

2022-09-07 time: 9:11:08.34 UTC ML= 1.6
lat: 46.119N lon: 18.039E h= 0.0 km
erh= 1.3km erz= 291km
nr= 13 gap=213 rms=0.24
Locality: Bükkösd
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	5.8	126	PgU	9:11:09.49	0.11		
			Sg	11:10.58	0.40		
PKSV	30.5	147	Pg	9:11:13.71	-0.07		
			Sg	11:17.94	-0.09		
PKSM	47.6	77	Pg	9:11:16.76	-0.09		
			Sg	11:23.53	0.05		
MORH	47.9	77	Pg	9:11:16.92	0.02		
			Sg	11:23.51	-0.07		
PKS9	55.2	20	Pg	9:11:18.62	0.42		
PKB4	60.4	46	Pg	9:11:19.39	0.26		
PKB1	93.9	38	Pg	9:11:24.84	-0.27		
PKS2	99.5	65	Pg	9:11:25.57	-0.54		
PKST	126.7	360	Pg	9:11:30.91	-0.07		

1465.

2022-09-07 time: 9:25:27.15 UTC ML= 1.5
lat: 48.584N lon: 17.372E h= 0.0 km
erh= 4.4km erz= 3.7km
nr= 6 gap=275 rms=0.82
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	8.8	152	PgU	9:25:28.35	-0.38		
			Sg	25:29.29	-0.67		
MODS	24.4	197	Pg	9:25:32.39	0.88		
			Sg	25:34.60	-0.32		
ZST	47.6	205	Pg	9:25:36.36	0.72		
CONA	133.8	237	Sn	9:26:07.59	-1.78		

1466.

2022-09-07 time: 9:28:17.10 UTC ML= 1.5
lat: 48.855N lon: 21.109E h= 0.0 km
erh= 5.8km erz=11.5km
nr= 8 gap=141 rms=1.46
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	61.8	228	Pg	9:28:29.26	1.13		
			Sg	28:36.87	0.14		
ABAH	62.9	171	Pg	9:28:29.05	0.73		

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
STHS	63.3	9	Sg	28:35.18	-1.90		
			Sg	9:28:36.09	-1.12		
KOLS	85.8	84	Pg	9:28:33.88	1.46		
			Sg	28:42.50	-1.87		
PSZ	137.6	221	Sn	9:28:56.87	-3.29		

1467.

2022-09-07 time: 11:44:47.69 UTC ML= 1.6
lat: 46.080N lon: 21.775E h= 0.0 km
erh= 6.6km erz= ***km
nr= 6 gap=209 rms=0.75
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
BZS	52.9	193	Pg	11:44:57.27	0.13		
			Sg	45:03.28	-1.24		
DRGR	106.9	42	Pg	11:45:07.51	0.73		
			Sg	45:20.81	-0.87		
GZR	109.1	134	Pg	11:45:07.82	0.65		
			Sg	45:21.36	-1.00		

1468.

2022-09-08 time: 6:47:27.70 UTC ML= 1.2
lat: 48.414N lon: 19.514E h= 0.0 km
erh= 2.9km erz= 6.0km
nr= 9 gap= 78 rms=0.93
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	50.9	280	Pg	6:47:38.02	1.22		
			Sg	47:44.28	0.38		
PSZ	61.9	153	Sg	6:47:47.96	0.57		
PENC	71.5	194	Sg	6:47:49.29	-1.13		
KECS	72.3	84	Pg	6:47:41.23	0.62		
			Sg	47:50.15	-0.52		
LANS	82.0	358	Sg	6:47:53.05	-0.71		
NIE	126.2	28	Sg	6:48:06.04	-1.76		
MODS	165.7	268	Sn	6:48:16.29	-0.71		

1469.

2022-09-08 time: 8:21:02.59 UTC ML= 1.2
lat: 47.918N lon: 16.432E h= 0.0 km
erh= 4.1km erz= ***km
nr= 9 gap=152 rms=0.90
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
RONA	26.4	203	Pg	8:21:07.23	-0.06		
			Sg	21:10.56	-0.40		
CONA	42.7	271	Pg	8:21:11.10	0.90		
			Sg	21:16.23	0.09		
MODS	80.7	51	Pg	8:21:18.42	1.42		
			Sg	21:27.97	-0.28		
ARSA	100.9	223	Sg	8:21:33.60	-1.07		
KRUC	127.2	359	Pg	8:21:24.53	-0.77		
			Sg	21:41.20	-1.81		

1470.

2022-09-08 time: 8:41:32.44 UTC ML= 1.7
lat: 48.971N lon: 18.319E h= 0.0 km
erh= 2.7km erz= 3.1km
nr= 13 gap= 99 rms=0.89
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	65.3	144	Sg	8:41:53.08	-0.11		

Földrengés paraméterek

LANS	86.3	77	Pg	8:41:48.81	0.97
			Sg	41:58.75	-1.11
MODS	101.5	229	Pg	8:41:50.66	0.10
			Sg	42:04.15	-0.55
MORC	105.9	328	Pg	8:41:52.04	0.70
			Sg	42:05.26	-0.83
PENC	149.4	151	Sn	8:42:17.58	-0.53
NIE	153.6	71	Pn	8:42:00.10	1.47
			Sn	42:18.94	-0.11
PSZ	165.2	135	Sn	8:42:19.73	-1.89
KECS	168.4	109	Sn	8:42:21.76	-0.57
OJC	175.3	38	Sn	8:42:22.93	-0.92

1471.

2022-09-08 time: 8:44:51.23 UTC ML= 1.4
lat: 48.593N lon: 20.479E h= 0.0 km
erh= 2.0km erz= 567km
nr= 9 gap=128 rms=0.42
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	12.2	178	Pg	8:44:53.61	0.20		
			Sg	44:54.51	-0.60		
ABAH	65.3	120	Sg	8:45:11.92	-0.05		
PSZ	86.7	210	Pg	8:45:07.05	0.35		
			Sg	45:18.20	-0.57		
NIE	92.6	352	Sg	8:45:20.37	-0.30		
LANS	96.7	310	Pg	8:45:08.71	0.22		
			Sg	45:19.83	-2.12		
VYHS	121.8	265	Pg	8:45:13.19	0.21		

1472.

2022-09-08 time: 9:23:50.52 UTC ML= 0.9
lat: 48.509N lon: 20.671E h= 0.0 km
erh= 5.9km erz= ***km
nr= 7 gap=119 rms=1.11
Locality: Szögliget
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	14.0	258	Pg	9:23:53.84	0.81		
			Sg	23:55.85	0.87		
ABAH	48.3	119	Pg	9:24:00.10	0.96		
			Sg	24:05.42	-0.45		
PSZ	87.5	221	Sg	9:24:16.50	-1.83		
LANS	113.5	309	Sg	9:24:25.75	-0.86		
KOLS	126.9	68	Sg	9:24:28.98	-1.88		

1473.

2022-09-08 time: 9:39:27.36 UTC ML= 1.3
lat: 47.473N lon: 18.685E h= 0.0 km
erh= 2.8km erz= 4.7km
nr= 13 gap=117 rms=1.01
Locality: Herceghalom
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	24.0	248	Pg	9:39:31.71	0.07		
			Sg	39:35.15	0.17		
CSKK	34.3	249	Pg	9:39:34.00	0.52		
			Sg	39:38.48	0.22		
PKST	54.6	244	Pg	9:39:37.54	0.43		
			Sg	39:44.48	-0.24		
PKB1	77.0	174	Sg	9:39:51.90	0.06		
MPLH	92.9	249	Sg	9:39:56.32	-0.58		
PSZ	103.4	61	Pg	9:39:47.67	1.85		
			Sg	39:59.37	-0.86		
VYHS	114.1	6	Sg	9:40:02.03	-1.59		
MORH	139.8	181	Sn	9:40:08.84	-2.07		
PKSM	140.3	181	Sn	9:40:08.61	-2.40		

288

Hypocenter Parameters

1474.

2022-09-08 time: 10:48:09.67 UTC ML= 1.9
lat: 48.219N lon: 21.245E h= 0.0 km
erh= 4.4km erz= ***km
nr= 8 gap=156 rms=0.93
Locality: Rátka
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	8.6	357	PgU	10:48:11.70	0.49		
			Sg	48:12.98	0.58		
KECS	63.5	298	Pg	10:48:21.66	0.65		
			Sg	48:28.71	-1.14		
TRPA	96.8	96	Pg	10:48:27.79	0.84		
			Sg	48:38.45	-1.98		
PSZ	106.0	252	Sg	10:48:42.36	-1.01		
KOLS	109.9	44	Sg	10:48:43.70	-0.89		

1475.

2022-09-08 time: 22:51:07.37 UTC ML= 0.2
lat: 47.326N lon: 18.265E h= 10.0 km
erh= 9.0km erz= 9.1km
nr= 6 gap=159 rms=0.77
Locality: Söréd
Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	4.2	355	Pg	22:51:09.11	-0.20		
			Sg	51:09.62	-1.20		
PKSG	12.0	52	Pg	22:51:10.94	0.78		
			Sg	51:12.49	0.15		
PKST	19.0	247	Sg	22:51:15.10	0.91		
TIH	55.1	211	Sg	22:51:24.05	-1.12		

1476.

2022-09-09 time: 7:25:09.29 UTC ML= 1.0
lat: 47.208N lon: 18.292E h= 0.0 km
erh= 2.2km erz= 3.5km
nr= 10 gap=110 rms=0.69
Locality: Iszkaszentgyörgy
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	17.4	352	Pg	7:25:12.48	0.08		
			Sg	25:14.16	-0.66		
PKST	20.3	286	Pg	7:25:13.35	0.43		
			Sg	25:15.25	-0.51		
PKSG	21.7	20	Pg	7:25:14.21	1.04		
			Sg	25:16.24	0.05		
MORH	113.6	166	Sg	7:25:45.60	0.21		
KOVH	125.4	187	Sg	7:25:48.33	-0.81		
PSZ	144.1	57	Sn	7:25:52.97	-0.83		
VYHS	148.6	16	Sn	7:25:52.87	-1.93		

1477.

2022-09-09 time: 8:37:02.20 UTC ML= 2.1
lat: 47.901N lon: 20.063E h= 0.0 km
erh= 2.9km erz= 2.6km
nr= 21 gap= 95 rms=1.08
Locality: Parád
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	12.7	279	Pg	8:37:05.45	0.98		
			Sg	37:07.17	0.92		
PENC	59.8	258	Pg	8:37:13.74	0.87		
			Sg	37:20.65	-0.54		
KECS	71.9	26	Sg	8:37:24.39	-0.67		
ABAH	98.0	63	Pg	8:37:19.77	0.07		
			Sg	37:32.41	-0.95		

Hypocenter Parameters

VYHS	112.5	306	Pg	8:37:23.13	0.84
			Sg	37:36.20	-1.76
PKSG	137.8	246	Sn	8:37:43.52	-1.79
LANS	145.7	342	Pn	8:37:28.61	1.21
			Sn	37:45.28	-1.78
CSKK	148.1	246	Sn	8:37:46.96	-0.63
PKB1	157.0	218	Sn	8:37:47.83	-1.73
PKST	168.5	245	Sn	8:37:50.96	-1.16
NIE	169.8	6	Pn	8:37:30.69	0.29
			Sn	37:50.88	-1.52
TRPA	186.5	82	Sn	8:37:58.18	2.07
DRGR	235.1	122	Pn	8:37:38.20	-0.35
			Sn	38:06.49	-0.41
KOVH	250.8	217	Pn	8:37:47.50	6.99*
			Sn	38:12.43	2.04

1478.

2022-09-09 time: 8:46:35.58 UTC ML= 1.7
 lat: 47.892N lon: 20.113E h= 0.0 km
 erh= 6.3km erz= 5.0km
 nr= 10 gap=184 rms=1.22
 Locality: Tarnaszentmária
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PSZ	16.6	280	Pg	8:46:39.34	0.80	
			Sg	46:41.61	0.75	
PENC	63.2	260	Sg	8:46:56.68	1.00	
KECS	71.3	23	Sg	8:46:57.81	-0.45	
ABAH	95.2	62	Sg	8:47:05.07	-0.77	
VYHS	116.2	305	Sg	8:47:10.63	-1.87	
PKSG	140.9	247	Sn	8:47:17.12	-2.24	
LANS	147.8	341	Pn	8:47:02.65	1.60	
			Sn	47:19.79	-1.12	
PKST	171.5	246	Sn	8:47:25.73	-0.43	

1479.

2022-09-09 time: 9:45:03.77 UTC ML= 1.8
 lat: 48.431N lon: 17.240E h= 0.0 km
 erh= 1.6km erz= 2.0km
 nr= 21 gap= 87 rms=0.71
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
MODS	7.0	157	PgU	9:45:05.09	0.07	
			Sg	45:06.59	0.60	
SMOL	16.7	57	Pg	9:45:06.95	0.20	
			Sg	45:09.37	0.30	
ZST	28.1	201	Sg	9:45:11.97	-0.73	
KRUC	93.7	318	Pg	9:45:20.53	0.02	
			Sg	45:31.80	-1.76	
SOP	97.5	211	Pg	9:45:22.25	1.07	
			Sg	45:34.93	0.17	
RONA	107.6	221	Pg	9:45:23.58	0.60	
			Sg	45:37.12	-0.85	
CONA	116.8	241	Pg	9:45:24.83	0.20	
			Sg	45:39.62	-1.28	
CSKK	141.2	147	Sn	9:45:46.82	-0.80	
MPLH	142.0	171	Sn	9:45:47.21	-0.60	
PKST	143.3	155	Sn	9:45:47.21	-0.88	
PKSG	144.1	143	Sn	9:45:47.68	-0.59	
MORC	151.2	8	Pn	9:45:29.76	0.09	
			Sn	45:46.74	-3.12*	
ARSA	183.8	224	Sn	9:45:57.81	0.73	
KRLC	185.9	350	Sn	9:45:59.11	1.57	

Földrengés paraméterek

1480.

2022-09-09 time: 10:00:59.98 UTC ML= 1.6
 lat: 48.112N lon: 16.939E h= 0.0 km
 erh= 4.1km erz= 6.2km
 nr= 12 gap= 87 rms=1.08
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
ZST	15.3	52	Pg	10:01:03.68	0.96	
			Sg	01:05.39	0.54	
MODS	38.4	41	Pg	10:01:07.13	0.29	
			Sg	01:12.21	0.02	
RONA	66.4	226	Pg	10:01:12.27	0.43	
			Sg	01:20.00	-1.09	
CONA	82.9	256	Pg	10:01:15.15	0.36	
			Sg	01:25.36	-0.98	
KRUC	113.0	339	Sg	10:01:33.85	-2.04	
PKST	125.5	139	Sg	10:01:37.35	-2.53	
ARSA	143.1	228	Pn	10:01:26.16	1.30	
			Sn	01:42.52	-1.74	

1481.

2022-09-12 time: 7:40:09.71 UTC ML= 0.9
 lat: 47.086N lon: 17.976E h= 0.0 km
 erh= 0.8km erz= 277km
 nr= 8 gap=111 rms=0.20
 Locality: Litér
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKST	19.8	13	Pg	7:40:13.47	0.23	
			Sg	40:15.89	-0.10	
MPLH	34.4	286	Sg	7:40:20.56	-0.09	
CSKK	37.6	35	Sg	7:40:21.45	-0.22	
PKSG	46.3	43	Sg	7:40:24.35	-0.07	
MORH	109.4	152	Sg	7:40:44.86	0.38	
PKSM	109.7	152	Sg	7:40:44.40	-0.18	
KOVH	111.3	175	Sg	7:40:44.96	-0.12	

1482.

2022-09-12 time: 8:17:38.73 UTC ML= 1.5
 lat: 48.604N lon: 20.764E h= 0.0 km
 erh= 3.0km erz= 887km
 nr= 8 gap=154 rms=0.65
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
KECS	24.6	237	Pg	8:17:43.02	-0.10	
			Sg	17:46.39	-0.16	
ABAH	49.1	134	Pg	8:17:48.20	0.69	
			Sg	17:53.73	-0.62	
NIE	96.4	340	Pg	8:17:56.59	0.65	
			Sg	18:07.80	-1.57	
PSZ	99.9	220	Pg	8:17:56.79	0.21	
			Sg	18:09.46	-1.04	

1483.

2022-09-12 time: 8:54:48.09 UTC ML= 1.3
 lat: 48.061N lon: 20.699E h= 0.0 km
 erh= 3.5km erz= 724km
 nr= 6 gap=198 rms=0.46
 Locality: Miskolctapolca
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
ABAH	47.9	57	Pg	8:54:57.02	0.37	
			Sg	55:02.85	-0.47	
KECS	49.5	341	Pg	8:54:57.06	0.13	

Földrengés paraméterek

Hypocenter Parameters

PSZ	62.1	255	Sg	55:03.17	-0.66
			Pg	8:54:59.60	0.41
			Sg	55:07.00	-0.84

1484.

2022-09-12 time: 9:15:13.99 UTC ML= 0.8
lat: 47.247N lon: 18.230E h= 0.0 km
erh= 1.8km erz= 226km
nr= 6 gap=238 rms=0.13
Locality: Bakonykúti
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	13.2	10	Pg	9:15:16.51	0.17		
			Sg	15:18.17	0.00		
PKST	14.9	275	Pg	9:15:16.59	-0.05		
			Sg	15:18.63	-0.08		
PKSG	20.2	37	Pg	9:15:17.63	0.03		
			Sg	15:20.06	-0.35		

1485.

2022-09-12 time: 13:49:40.98 UTC ML= 1.8
lat: 48.861N lon: 21.331E h= 0.0 km
erh= 2.5km erz= 4.9km
nr= 13 gap= 89 rms=0.77
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
STHS	62.1	354	Pg	13:49:52.85	0.79		
			Sg	49:59.47	-1.24		
ABAH	63.3	186	Pg	13:49:52.73	0.46		
			Sg	50:01.23	0.15		
KOLS	69.5	83	Pg	13:49:53.82	0.43		
			Sg	50:01.87	-1.20		
KECS	75.2	236	Pg	13:49:54.16	-0.24		
			Sg	50:03.55	-1.32		
NIE	96.8	310	Pg	13:49:58.26	0.01		
TRPA	120.8	132	Pg	13:50:02.97	0.43		
			Sg	50:17.18	-2.18		
PSZ	149.4	225	Pn	13:50:07.57	0.93		
			Sn	50:25.78	-0.88		

1486.

2022-09-13 time: 7:04:04.74 UTC ML= 1.2
lat: 46.151N lon: 18.022E h= 0.0 km
erh= 2.3km erz= 3.7km
nr= 11 gap=212 rms=0.53
Locality: Hetvehely
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	9.1	139	PgU	7:04:06.47	0.10		
			Sg	04:06.96	-0.68		
PKSV	34.1	149	Pg	7:04:10.77	-0.06		
PKSM	48.3	82	Pg	7:04:13.67	0.31		
			Sg	04:19.81	-0.27		
MORH	48.5	81	Pg	7:04:13.75	0.34		
			Sg	04:19.73	-0.44		
PKS9	52.4	22	Sg	7:04:22.47	1.09		
PKST	123.2	0	Pg	7:04:27.05	0.31		
			Sg	04:42.47	-1.43		
PKSG	140.8	12	Sn	7:04:47.48	-1.03		

1487.

2022-09-13 time: 8:09:21.11 UTC ML= 1.4
lat: 47.302N lon: 18.458E h= 0.0 km
erh= 2.4km erz= 799km
nr= 9 gap=116 rms=0.62
Locality: Pátka
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	11.2	333	Pg	8:09:23.77	0.66		
			Sg	09:24.12	-0.54		
CSKK	16.4	294	Pg	8:09:23.98	-0.05		
			Sg	09:25.12	-1.19		
PKST	32.4	261	Pg	8:09:27.55	0.66		
			Sg	09:31.23	-0.17		
MORH	121.6	173	Sg	8:10:00.07	0.31		
PKSM	122.0	173	Sg	8:09:59.68	-0.21		
PSZ	127.9	58	Sg	8:10:00.62	-1.15		

1488.

2022-09-13 time: 9:01:59.55 UTC ML= 2.0
lat: 48.653N lon: 20.807E h= 0.0 km
erh= 3.3km erz= 5.3km
nr= 11 gap=134 rms=1.14
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	30.3	232	Pg	9:02:05.64	0.67		
			Sg	02:08.85	-0.34		
ABAH	51.0	141	Pg	9:02:09.87	1.22		
			Sg	02:15.27	-0.48		
PSZ	106.1	220	Pg	9:02:19.39	0.89		
			Sg	02:31.39	-1.89		
KOLS	112.1	74	Sg	9:02:34.21	-0.99		
LANS	112.7	299	Pg	9:02:20.44	0.76		
			Sg	02:34.68	-0.70		
TRPA	140.8	114	Sn	9:02:40.42	-2.91		
VYHS	146.5	263	Sn	9:02:42.74	-1.85		

1489.

2022-09-13 time: 10:14:06.24 UTC ML= 1.3
lat: 47.590N lon: 18.492E h= 0.0 km
erh= 3.3km erz= 3.1km
nr= 9 gap=161 rms=1.08
Locality: Tarján
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	23.3	199	Pg	10:14:11.82	1.42		
			Sg	14:14.20	0.54		
CSKK	30.7	215	Pg	10:14:12.56	0.84		
			Sg	14:15.73	-0.26		
PKST	50.5	223	Sg	10:14:21.60	-0.68		
MPLH	85.8	237	Sg	10:14:32.36	-1.13		
VYHS	103.7	14	Sg	10:14:38.70	-0.50		
MORH	153.2	176	Sn	10:14:50.91	-1.86		
PKSM	153.7	176	Sn	10:14:51.06	-1.80		

1490.

2022-09-13 time: 10:31:30.64 UTC ML= 1.2
lat: 46.196N lon: 18.294E h= 0.0 km
erh= 2.4km erz= 5.0km
nr= 8 gap=119 rms=0.63
Locality: Zobákpuszta
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	19.2	231	Pg	10:31:34.76	0.69		
			Sg	31:36.87	0.13		

Hypocenter Parameters

PKSM	26.9	86	Sg	10:31:39.77	0.58
MORH	27.1	85	Pg	10:31:35.78	0.29
			Sg	31:38.94	-0.33
PKSV	34.3	185	Sg	10:31:40.59	-0.97
PKST	119.8	350	Sg	10:32:08.02	-0.71
PKSG	133.1	3	Sn	10:32:11.62	-1.09

1491.

2022-09-13 time: 11:44:28.15 UTC ML= 1.6
lat: 48.912N lon: 20.720E h= 0.0 km
erh= 5.2km erz= ***km
nr= 7 gap=178 rms=0.75
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	50.7	200	Pg	11:44:37.72	0.52
			Sg	44:43.93	-0.33
NIE	63.7	332	Sg	11:44:47.80	-0.60
ABAH	78.5	151	Pg	11:44:42.83	0.66
			Sg	44:52.34	-0.76
PSZ	126.2	209	Pg	11:44:50.98	0.29
			Sg	45:06.08	-2.20

1492.

2022-09-14 time: 7:39:39.51 UTC ML= 1.9
lat: 48.875N lon: 21.021E h= 0.0 km
erh= 4.8km erz= 4.3km
nr= 8 gap=157 rms=1.02
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	58.7	222	Pg	7:39:50.63	0.63
			Sg	39:58.14	-0.05
ABAH	66.4	166	Pg	7:39:52.93	1.57
			Sg	39:59.94	-0.67
NIE	79.5	320	Sg	7:40:03.94	-0.86
PSZ	135.2	218	Sn	7:40:20.76	-1.28
TRPA	139.4	126	Sn	7:40:21.49	-1.49
OJC	173.8	329	Sn	7:40:30.65	0.05

1493.

2022-09-14 time: 7:49:39.81 UTC ML= 1.5
lat: 48.516N lon: 17.443E h= 0.0 km
erh= 2.8km erz= 3.7km
nr= 12 gap=126 rms=0.88
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SMOL	1.1	255	PgU	7:49:40.06	0.06
			Sg	49:40.57	0.41
MODS	20.1	218	Pg	7:49:44.11	0.72
			Sg	49:46.68	0.50
KRUC	98.0	308	Pg	7:49:57.85	0.54
			Sg	50:10.13	-0.84
VYHS	103.0	91	Pg	7:49:58.94	0.75
			Sg	50:11.31	-1.23
RONA	124.7	223	Sg	7:50:18.04	-1.39
CONA	134.5	241	Pn	7:50:04.19	0.58
			Sn	50:20.46	-1.71
MORC	140.4	3	Sn	7:50:21.64	-1.84

Földrengés paraméterek

1494.

2022-09-14 time: 8:36:44.93 UTC ML= 1.4
lat: 48.726N lon: 20.762E h= 0.0 km
erh= 5.0km erz= ***km
nr= 6 gap=167 rms=0.76
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	33.9	217	Pg	8:36:51.57	0.59
			Sg	36:55.17	-0.53
ABAH	59.4	144	Pg	8:36:56.31	0.77
			Sg	37:02.49	-1.33
NIE	83.7	337	Sg	8:37:10.67	-0.88
PSZ	110.5	216	Sg	8:37:19.94	-0.12

1495.

2022-09-14 time: 9:00:44.02 UTC ML= 0.6
lat: 47.201N lon: 18.268E h= 0.0 km
erh= 1.9km erz= 8.2km
nr= 8 gap=162 rms=0.43
Locality: Csőr
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	18.0	358	Pg	9:00:47.13	-0.11
			Sg	00:49.21	-0.54
PKST	18.8	290	Pg	9:00:47.33	-0.05
			Sg	00:50.11	0.10
PKSG	23.2	24	Pg	9:00:48.82	0.66
			Sg	00:51.32	-0.06
KOVH	124.4	186	Sg	9:01:23.29	-0.26
VYHS	149.9	16	Sn	9:01:27.32	-2.50

1496.

2022-09-14 time: 9:18:11.73 UTC ML= 1.2
lat: 48.827N lon: 20.138E h= 0.0 km
erh= 5.3km erz= ***km
nr= 5 gap=135 rms=0.58
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	46.0	146	Pg	9:18:20.53	0.59
			Sg	18:26.17	-0.18
LANS	60.9	306	Sg	9:18:31.49	0.42
NIE	67.1	11	Sg	9:18:32.51	-0.54
PSZ	102.6	190	Sg	9:18:43.39	-0.96

1497.

2022-09-14 time: 10:11:04.39 UTC ML= 2.0
lat: 46.815N lon: 17.289E h= 0.0 km
erh= 5.0km erz= 10.5km
nr= 10 gap=112 rms=1.01
Locality: Vállus
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	43.8	26	Pg	10:11:13.32	1.12
			Sg	11:18.33	0.03
TIH	47.0	78	Sg	10:11:19.89	0.56
EGYH	67.0	3	Sg	10:11:25.45	-0.22
PKST	75.1	49	Sg	10:11:27.80	-0.46
KOVH	102.1	142	Sg	10:11:38.76	1.93
PKSG	105.3	53	Sg	10:11:36.96	-0.91
MORH	123.5	123	Sg	10:11:42.51	-1.14
PKSM	123.6	123	Sg	10:11:42.12	-1.55
GROS	142.4	254	Sn	10:11:47.76	-0.75

Földrengés paraméterek

Hypocenter Parameters

1498.

2022-09-14 time: 10:22:46.96 UTC ML= 1.4
 lat: 47.731N lon: 18.701E h= 0.0 km
 erh= 2.9km erz= 729km
 nr= 12 gap=132 rms=0.63
 Locality: Tokod
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	44.0	81	Pg	10:22:55.44			0.63
			Sg	23:00.58			-0.36
PKSG	44.4	212	Pg	10:22:55.31			0.43
			Sg	23:00.86			-0.20
CSKK	52.7	219	Pg	10:22:56.92			0.56
			Sg	23:03.33			-0.37
PKST	72.7	224	Pg	10:23:00.31			0.38
			Sg	23:09.28			-0.78
VYHS	85.4	7	Sg	10:23:12.95			-1.16
PSZ	91.7	77	Pg	10:23:03.65			0.31
			Sg	23:15.22			-0.89
MPLH	107.6	235	Sg	10:23:19.68			-1.46

1499.

2022-09-14 time: 15:21:49.86 UTC ML= 1.2
 lat: 47.989N lon: 19.659E h= 0.0 km
 erh= 2.9km erz= 850km
 nr= 6 gap=118 rms=0.49
 Locality: Garáb
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	19.3	114	Pg	15:21:54.07			0.76
			Sg	21:55.56			-0.43
PENC	35.8	232	Pg	15:21:56.11			-0.15
			Sg	22:00.92			-0.33
KECS	82.4	48	Sg	15:22:15.40			-0.65
VYHS	83.0	313	Sg	15:22:16.49			0.26

1500.

2022-09-15 time: 7:50:01.84 UTC ML= 1.9
 lat: 48.250N lon: 21.231E h= 0.0 km
 erh= 2.5km erz= 3.0km
 nr= 14 gap=152 rms=0.84
 Locality: Tálllya
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	5.2	7	PgU	7:50:03.02			0.25
			Sg	50:04.01			0.52
KECS	61.0	295	Pg	7:50:12.90			0.16
			Sg	50:21.08			-0.16
TRPA	98.2	98	Pg	7:50:19.58			0.21
			Sg	50:31.87			-1.17
PSZ	106.2	250	Pg	7:50:21.31			0.50
			Sg	50:35.40			-0.20
KOLS	108.1	45	Pg	7:50:21.86			0.71
			Sg	50:35.79			-0.41
NIE	146.4	333	Sn	7:50:44.87			-1.99
PENC	154.1	251	Sn	7:50:46.35			-2.22
LANS	164.0	308	Sn	7:50:49.95			-0.80
VYHS	179.5	279	Sn	7:50:55.98			1.77

1501.

2022-09-15 time: 7:56:18.17 UTC ML= 1.8
 lat: 47.311N lon: 18.442E h= 0.0 km
 erh= 2.3km erz= 4.0km
 nr= 13 gap=114 rms=0.80
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	9.8	337	Pg	7:56:21.12			1.20
			Sg	56:21.55			0.27
CSKK	14.9	293	Pg	7:56:21.19			0.36
			Sg	56:22.45			-0.46
PKST	31.4	259	Sg	7:56:28.04			-0.11
MPLH	70.1	257	Sg	7:56:39.04			-1.42
MORH	122.7	173	Sg	7:56:56.96			-0.22
PKSM	123.1	173	Sg	7:56:57.12			-0.19
PSZ	128.4	58	Pg	7:56:41.39			0.29
			Sg	56:57.82			-1.16
VYHS	134.8	13	Pn	7:56:41.70			-0.31
			Sn	56:57.98			-2.63
KOVH	138.4	191	Sn	7:57:02.44			1.03

1502.

2022-09-15 time: 8:37:44.64 UTC ML= 1.3
 lat: 46.108N lon: 18.316E h= 0.0 km
 erh= 2.2km erz= 673km
 nr= 10 gap=126 rms=0.52
 Locality: Hird
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	16.8	263	Pg	8:37:48.00			0.35
			Sg	37:50.43			0.44
PKSV	24.9	191	Sg	8:37:51.76			-0.78
PKSM	27.7	65	Pg	8:37:49.57			-0.02
			Sg	37:54.19			0.74
MORH	28.1	65	Pg	8:37:49.57			-0.09
			Sg	37:54.11			0.54
PKB4	48.6	27	Sg	8:37:59.68			-0.40
PKB1	83.7	26	Sg	8:38:10.56			-0.68
PKST	129.8	350	Sg	8:38:23.40			-2.49

1503.

2022-09-15 time: 9:07:34.65 UTC ML= 1.7
 lat: 46.810N lon: 22.824E h= 0.0 km
 erh= 5.2km erz= 2.9km
 nr= 7 gap=280 rms=0.43
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	8.9	257	Pg	9:07:35.94			-0.29
			Sg	07:37.82			0.35
DEV	103.2	177	Pg	9:07:52.76			-0.32
			Sg	08:07.63			0.17
GZR	157.5	181	Pn	9:08:02.23			0.91
			Sn	08:21.80			-0.33
BZS	162.1	215	Sn	9:08:22.97			-0.18

1504.

2022-09-16 time: 4:57:12.19 UTC ML= 0.9
 lat: 47.221N lon: 17.768E h= 1.6 km
 erh= 1.4km erz= 16.3km
 nr= 6 gap=174 rms=0.15
 Locality: Pénzesgyőr
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
MPLH	18.2	252	Pg	4:57:15.44			-0.02
			Sg	57:17.99			-0.02
PKST	20.6	78	Pg	4:57:15.85			-0.03
			Sg	57:18.65			-0.11
EGYH	39.5	303	Pg	4:57:19.53			0.27
			Sg	57:24.51			-0.26

Hypocenter Parameters

Földrengés paraméterek

1505.

2022-09-16 time: 7:31:56.60 UTC ML= 1.5
 lat: 48.129N lon: 21.335E h= 0.0 km
 erh= 2.9km erz= 769km
 nr= 9 gap=168 rms=0.57
 Locality: Tarcal
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	19.9	339	Pg	7:32:00.18			0.03
			Sg	32:02.76			-0.16
KECS	74.3	302	Pg	7:32:10.27			0.40
			Sg	32:19.74			-0.48
TRPA	89.6	90	Pg	7:32:12.50			-0.10
			Sg	32:24.71			-0.38
PSZ	110.0	258	Sg	7:32:31.01			-0.54
KOLS	113.1	38	Pg	7:32:17.94			1.14
			Sg	32:31.40			-1.16

1506.

2022-09-16 time: 7:48:47.14 UTC ML= 0.9
 lat: 47.916N lon: 16.111E h= 0.0 km
 erh= 2.7km erz= 747km
 nr= 6 gap=141 rms=0.45
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	18.7	274	Pg	7:48:50.35			-0.13
			Sg	48:52.70			-0.39
RONA	27.7	150	Pg	7:48:52.38			0.28
			Sg	48:55.43			-0.53
KRUC	129.2	9	Pg	7:49:10.91			0.70
			Sg	49:27.56			-0.64

1507.

2022-09-16 time: 8:17:46.17 UTC ML= 1.5
 lat: 47.884N lon: 19.165E h= 0.0 km
 erh= 4.9km erz= 7.9km
 nr= 8 gap=179 rms=0.81
 Locality: Nőtincs
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	13.6	140	Pg	8:17:49.08			0.48
			Sg	17:49.92			-0.57
PSZ	54.7	86	Pg	8:17:56.73			0.80
			Sg	18:02.46			-1.09
PKST	109.9	231	Sg	8:18:20.26			-0.83
KECS	118.7	56	Pg	8:18:08.03			0.67
			Sg	18:22.22			-1.67
MPLH	145.9	237	Sn	8:18:30.83			-0.25

1508.

2022-09-16 time: 9:22:51.13 UTC ML= 1.2
 lat: 48.007N lon: 20.365E h= 0.0 km
 erh= 2.9km erz= 549km
 nr= 6 gap=191 rms=0.33
 Locality: Szarvaskő
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	36.5	254	Pg	9:22:57.83			0.17
			Sg	23:02.41			-0.33
KECS	53.6	10	Pg	9:23:01.19			0.48
			Sg	23:07.83			-0.35
ABAH	72.5	64	Pg	9:23:04.01			-0.07
			Sg	23:13.72			-0.46

1509.

2022-09-19 time: 7:55:35.17 UTC ML= 1.5
 lat: 48.184N lon: 21.325E h= 0.0 km
 erh= 2.1km erz= 635km
 nr= 9 gap=161 rms=0.49
 Locality: Bodrogkisfalud
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	14.0	333	Pg	7:55:37.99			0.32
			Sg	55:40.03			0.42
KECS	70.6	298	Sg	7:55:56.92			-0.68
TRPA	90.5	94	Pg	7:55:50.91			-0.43
			Sg	56:03.51			-0.44
KOLS	108.8	40	Pg	7:55:54.96			0.36
			Sg	56:09.36			-0.40
PSZ	110.7	255	Pg	7:55:55.58			0.65
			Sg	56:09.61			-0.73

1510.

2022-09-19 time: 9:41:40.01 UTC ML= 0.6
 lat: 47.220N lon: 18.236E h= 0.0 km
 erh= 3.3km erz= ***km
 nr= 8 gap=133 rms=0.72
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	15.9	286	Pg	9:41:43.14			0.29
			Sg	41:45.06			-0.01
CSKK	16.1	7	Pg	9:41:42.20			-0.68
			Sg	41:44.04			-1.07
PKSG	22.4	31	Pg	9:41:45.27			1.26
			Sg	41:47.36			0.22
PKSM	116.2	165	Pg	9:42:00.87			0.10
			Sg	42:15.93			-1.03

1511.

2022-09-19 time: 9:56:10.12 UTC ML= 1.2
 lat: 48.460N lon: 19.560E h= 0.0 km
 erh= 3.1km erz= 948km
 nr= 7 gap=116 rms=0.66
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	53.7	274	Pg	9:56:20.49			0.79
			Sg	56:26.60			-0.57
PSZ	65.2	158	Pg	9:56:22.06			0.30
			Sg	56:30.20			-0.64
KECS	68.5	88	Pg	9:56:22.76			0.42
			Sg	56:31.13			-0.75
LANS	77.0	355	Sg	9:56:33.44			-1.16

1512.

2022-09-19 time: 10:15:06.14 UTC ML= 1.8
 lat: 48.626N lon: 21.358E h= 0.0 km
 erh= 4.0km erz= 5.4km
 nr= 13 gap=128 rms=1.25
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	37.8	193	Pg	10:15:13.18			0.30
			Sg	15:18.66			0.51
KECS	66.3	256	Pg	10:15:18.03			0.05
			Sg	15:25.31			-1.91
STHS	88.3	355	Pg	10:15:21.39			-0.51
			Sg	15:34.22			0.03
TRPA	103.5	122	Pg	10:15:24.49			-0.12

Földrengés paraméterek

		Sg	15:37.48	-1.54	
NIE	116.6	319	Sg	10:15:41.03	-2.18
PSZ	134.2	234	Pn	10:15:30.13	0.23
			Sn	15:46.87	-1.56
VYHS	186.7	265	Pn	10:15:39.05	2.60
			Sn	16:02.37	2.27

1513.

2022-09-19 time: 19:26:41.15 UTC ML= 3.2
lat: 45.514N lon: 16.124E h= 11.7 km
erh= 3.3km erz= 2.0km
nr= 23 gap=141 rms=0.85
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZAG	36.4	344	Pg	19:26:48.14	0.16		
			Sg	26:54.36	1.05		
PTJ	44.8	343	Pg	19:26:49.43	0.02		
			Sg	26:55.46	-0.40		
CRES	62.5	304	Pg	19:26:52.48	-0.02		
			Sg	26:59.92	-1.43		
RCF6	91.9	352	Pg	19:26:57.65	-0.04		
			Sg	27:08.99	-1.61		
KOGS	104.3	5	P*	19:26:59.86	0.20		
			S*	27:13.38	-0.72		
GROS	115.8	335	Pn	19:27:01.17	0.05		
			Sn	27:15.73	-0.97		
BEHE	117.6	25	Pn	19:27:01.78	0.43		
			Sn	27:16.27	-0.84		
BLY	119.1	136	Sn	19:27:15.80	-1.64		
PERS	147.0	328	Pn	19:27:05.25	0.23		
			Sn	27:23.63	-0.01		
SOKA	154.5	327	Sn	19:27:27.62	2.33		
OBKA	164.7	312	Pn	19:27:09.96	2.74		
			Sn	27:31.29	3.73*		
KOVH	166.3	67	Sn	19:27:28.40	0.48		
PKSV	170.9	76	Sn	19:27:29.94	1.01		
TRI	185.4	277	Sn	19:27:32.04	-0.11		

1514.

2022-09-20 time: 7:42:06.22 UTC ML= 1.9
lat: 48.221N lon: 18.799E h= 0.0 km
erh= 2.0km erz= 3.3km
nr= 18 gap= 77 rms=0.81
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	30.4	5	Pg	7:42:11.45	-0.20		
			Sg	42:15.55	-0.34		
SRO	58.0	219	Pg	7:42:16.57	-0.01		
			Sg	42:23.89	-0.77		
PENC	60.0	143	Pg	7:42:18.13	1.21		
			Sg	42:24.83	-0.44		
PSZ	88.4	112	Pg	7:42:22.64	0.65		
			Sg	42:33.55	-0.75		
PKSG	97.2	198	Sg	7:42:35.35	-1.75		
SMOL	106.6	288	Pg	7:42:25.41	0.16		
			Sg	42:39.89	-0.20		
LANS	114.5	26	Pg	7:42:27.49	0.83		
			Sg	42:40.60	-2.00		
KECS	128.4	77	Pg	7:42:28.98	-0.16		
			Sg	42:43.77	-3.26		
NIE	173.5	40	Pn	7:42:35.82	0.94		
			Sn	42:57.03	-0.22		
ABAH	181.4	87	Sn	7:42:58.83	-0.18		

Hypocenter Parameters

1515.

2022-09-20 time: 8:28:00.56 UTC ML= 1.7
lat: 48.836N lon: 16.083E h= 0.0 km
erh= 7.5km erz= 4.6km
nr= 12 gap=187 rms=0.97
Locality: Czechia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KRUC	34.0	42	Pg	8:28:07.08	0.45		
			Sg	28:10.84	-0.52		
MODS	102.0	120	Pg	8:28:19.47	0.70		
CONA	102.2	189	Pg	8:28:19.24	0.43		
			Sg	28:31.09	-1.96		
RONA	127.3	173	Pg	8:28:23.05	-0.24		
			Sg	28:38.36	-2.66		
KRLC	146.9	20	Pn	8:28:26.64	0.73		
			Sn	28:45.92	0.24		
MORC	149.1	45	Pn	8:28:26.03	-0.15		
			Sn	28:44.09	-2.07		
ARSA	181.1	193	Sn	8:28:54.73	1.45		

1516.

2022-09-20 time: 8:42:19.86 UTC ML= 2.0
lat: 48.690N lon: 18.677E h= 0.0 km
erh= 3.0km erz= 3.6km
nr= 24 gap= 68 rms=1.34
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	24.8	152	Pg	8:42:25.83	1.55		
			Sg	42:27.91	0.18		
LANS	77.4	49	Pg	8:42:34.60	0.93		
			Sg	42:43.36	-1.08		
SMOL	94.1	258	Pg	8:42:37.80	1.14		
			Sg	42:48.60	-1.17		
SRO	101.2	195	Pg	8:42:38.78	0.86		
			Sg	42:51.84	-0.17		
MODS	109.2	251	Pg	8:42:39.02	-0.33		
			Sg	42:52.98	-1.58		
PENC	109.7	156	Pg	8:42:40.38	0.94		
			Sg	42:52.51	-2.21		
PSZ	124.6	134	Pg	8:42:41.60	-0.51		
			Sg	42:56.81	-2.66		
KECS	135.4	100	Pn	8:42:43.04	-0.74		
			Sn	42:59.32	-3.12		
NIE	144.5	56	Pn	8:42:46.25	1.34		
			Sn	43:03.62	-0.82		
PKSG	145.9	188	Sn	8:43:04.30	-0.47		
MORC	146.4	326	Pn	8:42:44.22	-0.92		
			Sn	43:02.45	-2.42		
PKST	166.2	197	Sn	8:43:08.87	-0.39		
OJC	188.5	26	Pn	8:42:53.06	2.66		
			Sn	43:15.44	1.22		

1517.

2022-09-20 time: 8:44:52.97 UTC ML= 1.5
lat: 48.544N lon: 20.758E h= 0.0 km
erh= 2.7km erz= 4.3km
nr= 15 gap= 95 rms=1.10
Locality: Komjáti
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	21.3	251	Pg	8:44:57.93	1.16		
			Sg	45:00.55	0.82		
ABAH	45.1	128	Pg	8:45:02.12	1.10		
			Sg	45:07.72	0.42		
PSZ	94.7	223	Pg	8:45:09.44	-0.44		
			Sg	45:22.43	-0.64		
NIE	102.6	341	Pg	8:45:12.65	1.37		

Hypocenter Parameters

	Sg	45:24.46	-1.10
LANS 116.2 305	Pg	8:45:13.73	0.00
	Sg	45:27.83	-2.09
KOLS 119.5 69	Pg	8:45:14.60	0.29
	Sg	45:29.16	-1.80
TRPA 139.8 109	Pn	8:45:17.73	0.29
	Sn	45:34.17	-2.35
VYHS 142.1 268	Sn	8:45:35.22	-1.81

1518.

2022-09-20 time: 10:22:07.39 UTC ML= 1.8
lat: 48.371N lon: 19.857E h= 0.0 km
erh= 2.6km erz= ***km
nr= 12 gap= 82 rms=0.90
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
KECS	48.2	75	Pg	10:22:16.33	0.33	
			Sg	22:22.94	0.23	
PSZ	50.5	177	Pg	10:22:16.09	-0.31	
			Sg	22:22.82	-0.61	
VYHS	76.7	280	Sg	10:22:30.37	-1.42	
PENC	77.5	214	Pg	10:22:22.74	1.51	
			Sg	22:31.43	-0.60	
LANS	91.2	342	Pg	10:22:24.62	0.94	
			Sg	22:35.73	-0.66	
ABAH	102.9	95	Sg	10:22:38.71	-1.38	
NIE	121.2	16	Pg	10:22:29.47	0.44	
			Sg	22:44.50	-1.42	

1519.

2022-09-20 time: 10:25:49.14 UTC ML= 0.8
lat: 47.228N lon: 18.346E h= 0.0 km
erh= 3.5km erz= 7.1km
nr= 9 gap=112 rms=0.81
Locality: Moha
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
CSKK	16.4	337	Pg	10:25:52.65	0.58	
			Sg	25:54.25	-0.10	
PKST	23.8	278	Pg	10:25:52.99	-0.41	
			Sg	25:55.11	-1.61	
MPLH	61.4	264	Pg	10:26:01.32	1.20	
			Sg	26:08.44	-0.23	
MORH	114.8	169	Sg	10:26:25.59	-0.04	
PKSM	115.2	169	Sg	10:26:25.90	0.15	
PSZ	139.5	57	Sn	10:26:31.23	-1.41	

1520.

2022-09-20 time: 10:50:29.06 UTC ML= 1.5
lat: 48.334N lon: 19.850E h= 0.0 km
erh= 3.3km erz= ***km
nr= 7 gap=107 rms=0.71
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PSZ	46.4	176	Pg	10:50:37.30	-0.04	
			Sg	50:44.34	0.53	
KECS	49.9	71	Pg	10:50:38.32	0.35	
			Sg	50:43.48	-1.44	
VYHS	77.1	283	Sg	10:50:53.03	-0.53	
LANS	95.0	343	Sg	10:50:58.27	-0.98	
NIE	125.3	16	Pg	10:50:52.33	0.90	

Földrengés paraméterek

1521.

2022-09-20 time: 16:36:26.25 UTC ML= 1.8
lat: 46.136N lon: 22.585E h= 0.3 km
erh= 2.9km erz= 3.4km
nr= 17 gap=135 rms=0.81
Locality: Romania
Comments:

sta	dist	azm	phase	hr mn	sec	res
SURR	55.4	220	PgC	16:36:36.53	0.37	
			Sg	36:43.20	-0.68	
MARR	72.8	34	PgD	16:36:39.84	0.59	
			Sg	36:48.00	-1.38	
DRGR	73.6	8	Pg	16:36:39.80	0.41	
			Sg	36:48.65	-0.99	
GZR	83.8	170	Pg	16:36:42.07	0.85	
			Sg	36:51.46	-1.44	
BZS	94.8	233	Pg	16:36:43.56	0.38	
			Sg	36:54.91	-1.47	
CJR	100.9	50	Pg	16:36:44.73	0.45	
			Sg	36:57.41	-0.93	
HERR	140.1	185	PnC	16:36:51.19	0.48	
			Sn	37:08.60	-1.19	
MDVR	165.2	204	PnC	16:36:54.49	0.64	
			Sn	37:15.10	-0.28	
VOIR	206.8	112	Sn	16:37:26.20	1.60	

1522.

2022-09-20 time: 22:33:32.71 UTC ML= 1.4
lat: 46.250N lon: 19.833E h= 12.7 km
erh= 1.9km erz= 1.4km
nr= 11 gap=295 rms=0.22
Locality: Zákányszék
Comments:

sta	dist	azm	phase	hr mn	sec	res
PKS6	44.1	332	Pg	22:33:40.62	-0.28	
			Sg	33:47.21	-0.09	
PKS2	54.8	299	Sg	22:33:50.93	0.33	
MORH	91.8	268	P*	22:33:49.05	-0.18	
			S*	34:02.22	0.10	
PKSM	92.1	267	P*	22:33:49.50	0.23	
			S*	34:02.10	-0.08	
PKB5	92.7	294	S*	22:34:02.50	0.14	
PKB4	98.5	286	S*	22:34:03.73	-0.20	
PKB1	99.6	307	P*	22:33:50.69	0.28	
			S*	34:03.94	-0.28	

1523.

2022-09-21 time: 8:44:49.94 UTC ML= 1.8
lat: 48.433N lon: 17.232E h= 0.0 km
erh= 1.0km erz= 2.5km
nr= 14 gap= 78 rms=0.33
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
MODS	7.5	153	PgU	8:44:51.27	0.00	
			Sg	44:52.20	-0.11	
SMOL	17.1	58	Pg	8:44:52.77	-0.22	
			Sg	44:55.22	-0.15	
ZST	28.1	200	Pg	8:44:55.17	0.22	
			Sg	44:58.73	-0.13	
KRUC	93.1	319	Pg	8:45:07.02	0.46	
			Sg	45:19.24	-0.29	
RONA	107.3	221	Pg	8:45:09.42	0.32	
			Sg	45:22.92	-1.13	
CONA	116.3	241	Pg	8:45:10.89	0.18	
			Sg	45:25.40	-1.51	
VYHS	118.9	87	Pg	8:45:11.05	-0.11	
MORC	151.1	9	Sn	8:45:35.93	-0.07	

Földrengés paraméterek

1524.

2022-09-21 time: 9:41:35.88 UTC ML= 1.9
 lat: 48.398N lon: 17.360E h= 0.0 km
 erh= 2.8km erz= 5.0km
 nr= 12 gap=105 rms=0.65
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	6.7	246	PgU	9:41:37.62			0.54
			Sg	41:38.84			0.82
SMOL	13.8	21	Pg	9:41:39.19			0.84
			Sg	41:40.15			-0.13
ZST	29.5	220	Pg	9:41:41.14			-0.01
			Sg	41:44.46			-0.80
KRUC	102.4	316	Pg	9:41:53.79			-0.38
			Sg	42:07.18			-1.26
RONA	111.0	226	Pg	9:41:56.19			0.48
CONA	123.1	245	Sg	9:42:12.63			-2.39
MORC	153.9	5	Pn	9:42:01.84			-0.27
PENC	158.3	115	Pn	9:42:02.22			-0.43

1525.

2022-09-21 time: 10:00:15.59 UTC ML= 1.6
 lat: 48.154N lon: 16.889E h= 0.0 km
 erh= 3.5km erz= 7.4km
 nr= 7 gap=189 rms=0.32
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ZST	16.5	74	Pg	10:00:18.46			-0.08
			Sg	00:21.02			0.17
MODS	37.8	50	Pg	10:00:22.49			0.16
			Sg	00:27.36			-0.23
RONA	67.2	221	Pg	10:00:27.88			0.28
			Sg	00:36.47			-0.49
VYHS	149.2	75	Sn	10:00:58.80			-2.44*

1526.

2022-09-21 time: 10:31:37.33 UTC ML= 2.0
 lat: 46.831N lon: 17.382E h= 0.0 km
 erh= 3.1km erz= 7.9km
 nr= 10 gap=124 rms=0.68
 Locality: Nemesvita
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	39.6	18	Pg	10:31:44.57			0.17
			Sg	31:49.26			-0.66
PKST	68.7	46	Pg	10:31:50.34			0.73
			Sg	31:58.97			-0.21
PKSG	98.8	51	Sg	10:32:08.28			-0.44
KOVH	99.2	146	Pg	10:31:55.99			0.94
			Sg	32:09.30			0.42
MORH	118.5	125	Sg	10:32:13.74			-1.27
PKSM	118.6	125	Sg	10:32:14.21			-0.83
GROS	149.7	254	Pn	10:32:02.40			-0.63

1527.

2022-09-21 time: 11:56:41.83 UTC ML= 1.4
 lat: 47.850N lon: 16.024E h= 0.0 km
 erh= 1.2km erz= 3.0km
 nr= 11 gap= 96 rms=0.51
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	15.0	306	Pg	11:56:45.16			0.65
			Sg	56:46.63			0.04

Hypocenter Parameters

RONA	26.4	129	PgU	11:56:46.83	0.29
			Sg	56:49.84	-0.37
SOP	44.1	115	Pg	11:56:50.12	0.41
			Sg	56:55.62	-0.23
ARSA	76.6	210	Sg	11:57:05.45	-0.73
MODS	110.0	58	Pg	11:57:01.53	0.06
			Sg	57:16.85	0.06
KRUC	137.5	11	Pn	11:57:05.09	-0.92
			Sn	57:21.81	-3.06*

1528.

2022-09-21 time: 12:10:19.23 UTC ML= 1.8
 lat: 47.934N lon: 20.110E h= 0.0 km
 erh= 4.4km erz= 4.1km
 nr= 12 gap=181 rms=0.99
 Locality: Recsk
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	16.2	264	Pg	12:10:23.07			0.95
			Sg	10:25.26			0.88
PENC	64.0	256	Sg	12:10:39.35			-0.23
KECS	67.1	25	Pg	12:10:32.39			1.17
			Sg	10:39.51			-1.06
ABAH	93.2	64	Pg	12:10:35.60			-0.28
			Sg	10:48.74			-0.13
VYHS	113.3	303	Pg	12:10:39.59			0.13
			Sg	10:53.36			-1.89
PKSG	142.5	245	Sn	12:11:01.34			-2.05
LANS	143.3	341	Pn	12:10:44.83			0.69
			Sn	11:01.97			-1.59

1529.

2022-09-21 time: 15:45:01.39 UTC ML= 1.9
 lat: 45.597N lon: 16.056E h= 12.1 km
 erh= 1.8km erz= 1.2km
 nr= 21 gap=162 rms=0.45
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZAG	26.2	349	Pg	15:45:06.58			0.03
			Sg	45:10.57			-0.01
PTJ	34.5	347	Pg	15:45:07.66			-0.26
			Sg	45:12.92			-0.10
GCIS	44.9	312	iPg	15:45:10.13			0.44
			iSg	45:16.64			0.48
CRES	53.1	299	Pg	15:45:11.27			0.15
			Sg	45:18.23			-0.48
DOBS	76.5	323	iPg	15:45:15.37			0.16
			iSg	45:25.19			-0.80
RCF6	82.2	355	Sg	15:45:26.60			-1.20
KOGS	95.8	9	P*	15:45:19.24			0.66
			S*	45:31.93			-0.05
GROS	105.2	336	Pn	15:45:20.24			0.25
			Sn	45:32.98			-1.52
BLY	129.4	137	Pn	15:45:22.73			-0.28
			Sn	45:39.18			-0.69
PERS	136.4	328	Sn	15:45:41.34			-0.08
SOKA	143.8	327	Sn	15:45:43.32			0.25
KOVH	167.9	71	Sn	15:45:48.54			0.11
PKSV	174.0	79	Sn	15:45:50.47			0.70

1530.

2022-09-22 time: 6:20:17.93 UTC ML= 2.0
 lat: 48.230N lon: 21.235E h= 0.0 km
 erh= 3.6km erz= 935km
 nr= 8 gap=154 rms=0.66
 Locality: Tállya
 Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr mn sec	res
ABAH	7.3	2	Pg	6:20:19.67	0.43
KECS	62.3	297	Sg	6:20:36.06	-1.67
TRPA	97.6	97	Pg	6:20:35.17	-0.19
			Sg	20:48.13	-0.82
PSZ	105.8	251	Pg	6:20:37.56	0.74
			Sg	20:50.96	-0.59
KOLS	109.4	44	Pg	6:20:38.00	0.53
			Sg	20:52.22	-0.49

1531.

2022-09-22 time: 7:18:36.63 UTC ML= 1.4
 lat: 47.332N lon: 18.451E h= 0.0 km
 erh= 1.6km erz= 6.9km
 nr= 10 gap=114 rms=0.53
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	8.1	326	PgU	7:18:38.61	0.53
			Sg	18:39.07	-0.14
CSKK	14.8	284	PgU	7:18:39.35	0.07
			Sg	18:41.07	-0.27
PKST	32.6	256	Pg	7:18:42.99	0.55
			Sg	18:46.00	-0.97
MORH	124.9	173	Sg	7:19:15.95	-0.38
PKSM	125.3	173	Sg	7:19:16.49	0.03
PSZ	126.6	59	Sg	7:19:16.57	-0.29
VYHS	132.4	13	Sn	7:19:16.22	-2.31

1532.

2022-09-22 time: 7:31:03.24 UTC ML= 2.2
 lat: 48.790N lon: 19.455E h= 0.0 km
 erh= 1.9km erz= 3.5km
 nr= 12 gap=127 rms=0.58
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
LANS	40.1	1	Pg	7:31:10.54	0.14
			Sg	31:15.31	-0.67
VYHS	56.3	234	Pg	7:31:13.50	0.21
			Sg	31:20.62	-0.50
KECS	83.2	114	Sg	7:31:29.40	-0.30
NIE	93.9	42	Pg	7:31:20.56	0.56
			Sg	31:32.37	-0.71
PSZ	102.2	161	Pg	7:31:22.43	0.94
			Sg	31:35.58	-0.16
PENC	111.9	187	Sg	7:31:37.84	-0.96
ABAH	142.7	113	Sn	7:31:46.62	-0.82
KOLS	207.4	86	Sn	7:32:02.27	0.49

1533.

2022-09-22 time: 8:40:03.63 UTC ML= 1.5
 lat: 48.911N lon: 21.091E h= 0.0 km
 erh= 6.7km erz= ***km
 nr= 6 gap=160 rms=0.87
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
STHS	57.3	11	Sg	8:40:21.14	-0.70
KECS	65.2	223	Pg	8:40:16.06	0.78
			Sg	40:23.57	-0.80
ABAH	69.3	171	Sg	8:40:24.82	-0.84
NIE	80.1	315	Pg	8:40:18.87	0.94
			Sg	40:27.95	-1.13

Földrengés paraméterek

1534.

2022-09-22 time: 8:47:31.42 UTC ML= 1.5
 lat: 48.511N lon: 20.753E h= 0.0 km
 erh= 0.9km erz= 7.6km
 nr= 8 gap=125 rms=0.25
 Locality: Bódvarákó
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	20.0	261	Pg	8:47:34.93	-0.06
			Sg	47:37.90	0.13
ABAH	43.3	124	Pg	8:47:38.98	-0.16
			Sg	47:45.57	0.40
PSZ	91.7	224	Pg	8:47:47.64	-0.16
			Sg	48:00.60	0.03
NIE	106.0	342	Pg	8:47:50.50	0.16
TRPA	139.1	108	Sn	8:48:10.96	-3.85*

1535.

2022-09-22 time: 9:05:28.96 UTC ML= 1.9
 lat: 47.734N lon: 18.642E h= 0.0 km
 erh= 1.9km erz= 3.2km
 nr= 24 gap= 91 rms=0.97
 Locality: Tát
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SRO	26.1	290	Pg	9:05:34.50	0.87
			Sg	05:37.29	0.02
PKSG	42.4	206	Pg	9:05:37.48	0.94
			Sg	05:42.85	0.40
PENC	48.4	82	Sg	9:05:43.58	-0.77
CSKK	50.2	215	Pg	9:05:38.31	0.38
			Sg	05:45.04	0.12
PKST	69.8	221	Pg	9:05:42.02	0.59
			Sg	05:50.28	-0.88
VYHS	85.8	10	Sg	9:05:56.26	0.03
PSZ	96.0	78	Sg	9:05:59.62	0.13
MPLH	104.1	233	Sg	9:06:00.77	-1.27
EGYH	104.6	250	Pg	9:05:48.90	1.25
			Sg	06:01.82	-0.40
PKB1	106.1	174	Sg	9:06:02.21	-0.49
MODS	124.1	305	Pg	9:05:51.17	0.04
			Sg	06:05.96	-2.46
ZST	125.9	294	Sg	9:06:06.59	-2.40
SOP	156.4	268	Sn	9:06:14.73	-1.47
MORH	168.7	180	Pn	9:05:57.41	0.37
			Sn	06:15.98	-2.95
PKSM	169.2	180	Pn	9:05:57.67	0.58
			Sn	06:16.06	-2.97
KOVH	187.5	193	Sn	9:06:22.53	-0.57

1536.

2022-09-22 time: 9:09:41.30 UTC ML= 0.9
 lat: 47.188N lon: 18.274E h= 0.0 km
 erh= 1.2km erz=12.5km
 nr= 10 gap=144 rms=0.33
 Locality: Sárkeszi
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	19.5	357	Pg	9:09:44.96	0.17
			Sg	09:47.17	-0.34
PKST	19.8	294	Pg	9:09:45.02	0.19
			Sg	09:47.31	-0.28
PKSG	24.4	21	Pg	9:09:46.00	0.35
			Sg	09:48.60	-0.44
MORH	111.7	165	Sg	9:10:16.36	-0.44
PKSM	112.1	165	Sg	9:10:17.30	0.38
KOVH	122.9	186	Sg	9:10:20.12	-0.25
VYHS	151.2	16	Sn	9:10:24.72	-2.66*

Földrengés paraméterek

1537.

2022-09-22 time: 9:45:22.94 UTC ML= 1.5
 lat: 47.832N lon: 19.085E h= 0.0 km
 erh= 5.1km erz= 600km
 nr= 5 gap=239 rms=0.27
 Locality: Verőce
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	15.4	107	Pg	9:45:	25.77	0.07	
			Sg	45:	27.14	-0.71	
PSZ	61.3	81	Pg	9:45:	34.05	0.15	
			Sg	45:	42.68	0.24	
VYHS	75.9	346	Sg	9:45:	46.90	-0.18	

1538.

2022-09-22 time: 10:06:02.83 UTC ML= 1.3
 lat: 48.019N lon: 19.640E h= 0.0 km
 erh= 1.8km erz= 578km
 nr= 7 gap=106 rms=0.38
 Locality: Lucfalva
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	22.0	120	Pg	10:06:	07.22	0.45	
			Sg	06:	09.88	0.04	
PENC	36.9	227	Pg	10:06:	09.02	-0.40	
			Sg	06:	14.66	0.10	
VYHS	79.7	312	Sg	10:06:	28.66	0.49	
KECS	81.3	51	Sg	10:06:	28.46	-0.22	
ABAH	122.9	75	Sg	10:06:	41.34	-0.57	

1539.

2022-09-22 time: 20:16:07.47 UTC ML= 1.5
 lat: 47.371N lon: 18.244E h= 10.7 km
 erh= 1.8km erz= 1.2km
 nr= 23 gap= 80 rms=0.73
 Locality: Mór
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	1.5	126	PgU	20:16:	08.16	-1.23	
			Sg	16:	08.81	-2.08	
PKSG	11.3	78	Pg	20:16:	10.45	0.21	
			Sg	16:	12.16	-0.24	
PKST	20.2	232	Pg	20:16:	11.00	-0.55	
			Sg	16:	14.38	-0.35	
SRO	49.4	6	Sg	20:16:	24.08	0.54	
MPLH	57.8	247	Pg	20:16:	18.71	0.74	
			Sg	16:	27.19	1.03	
PKB1	77.4	147	Pg	20:16:	22.14	0.73	
			Sg	16:	32.42	0.13	
PKB5	94.0	157	Pg	20:16:	25.19	0.82	
			Sg	16:	37.26	-0.29	
PKB4	101.0	164	S*	20:16:	38.24	-1.47	
PKS2	122.5	143	Sn	20:16:	45.05	0.32	
MORH	132.0	167	Pn	20:16:	29.57	-0.02	
			Sn	16:	46.05	-0.81	
PKSM	132.4	167	Pn	20:16:	29.95	0.31	
			Sn	16:	46.15	-0.79	
VYHS	132.4	20	Sn	20:16:	46.58	-0.37	
MODS	132.9	327	Sn	20:16:	46.34	-0.71	
PSZ	138.1	64	Sn	20:16:	49.04	0.83	
KOVH	143.0	184	Sn	20:16:	50.18	0.88	

Hypocenter Parameters

1540.

2022-09-23 time: 7:19:39.41 UTC ML= 1.8
 lat: 48.759N lon: 19.408E h= 0.0 km
 erh= 2.0km erz= 4.7km
 nr= 8 gap=131 rms=0.57
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
LANS	43.8	6	Pg	7:19:	47.22	0.00	
			Sg	19:	52.86	-0.46	
VYHS	51.4	235	Pg	7:19:	48.94	0.35	
			Sg	19:	55.20	-0.55	
KECS	85.2	111	Pg	7:19:	55.52	0.90	
			Sg	20:	06.32	-0.17	
PSZ	100.2	159	Sg	7:20:	10.78	-0.48	
ABAH	144.8	111	Sn	7:20:	22.83	-1.23	

1541.

2022-09-23 time: 7:28:44.44 UTC ML= 1.9
 lat: 48.589N lon: 20.783E h= 0.0 km
 erh= 3.1km erz= 3.6km
 nr= 10 gap=128 rms=0.75
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	24.9	242	Pg	7:28:	49.82	0.93	
			Sg	28:	52.09	-0.27	
ABAH	46.9	134	Pg	7:28:	53.69	0.88	
			Sg	28:	58.93	-0.42	
PSZ	99.6	222	Pg	7:29:	01.63	-0.59	
LANS	115.0	303	Pg	7:29:	05.19	0.22	
KOLS	116.1	71	Sg	7:29:	20.81	-0.52	
TRPA	139.8	111	Pn	7:29:	09.15	0.25	
			Sn	29:	26.44	-1.54	
VYHS	144.2	266	Sn	7:29:	27.30	-1.66	

1542.

2022-09-23 time: 8:10:04.74 UTC ML= 1.8
 lat: 45.931N lon: 22.524E h= 0.0 km
 erh= 5.9km erz= ***km
 nr= 6 gap=207 rms=0.67
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	29.9	100	Pg	8:10:	10.92	0.85	
			Sg	10:	13.61	-0.63	
GZR	62.9	162	Pg	8:10:	16.20	0.23	
			Sg	10:	24.10	-0.63	
DRGR	96.7	9	Pg	8:10:	22.15	0.14	
			Sg	10:	34.04	-1.45	

1543.

2022-09-23 time: 8:57:09.88 UTC ML= 1.7
 lat: 48.512N lon: 17.425E h= 0.0 km
 erh= 2.0km erz= 3.1km
 nr= 10 gap=124 rms=0.53
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	0.3	56	PgU	8:57:	09.79	-0.15	
			Sg	57:	10.53	0.55	
MODS	18.9	215	Pg	8:57:	13.43	0.18	
			Sg	57:	16.32	0.44	
KRUC	97.3	309	Pg	8:57:	27.63	0.38	
			Sg	57:	39.25	-1.55	
VYHS	104.3	91	Sg	8:57:	42.54	-0.49	

Hypocenter Parameters

RONA 123.4 223	Pg	8:57:32.17	0.25
CONA 133.1 241	Pn	8:57:33.54	0.03
	Sn	57:50.48	-1.46

1544.

2022-09-23 time: 9:15:53.98 UTC ML= 1.7
 lat: 46.125N lon: 17.997E h= 0.0 km
 erh= 3.0km erz= 3.6km
 nr= 16 gap=200 rms=0.71
 Locality: Bükkösd
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	8.9	118	Pg	9:15:55.70	0.12
			Sg	15:56.64	-0.18
PKSV	32.9	143	Pg	9:15:59.93	0.07
			Sg	16:03.49	-0.96
PKSM	50.7	79	Pg	9:16:02.83	-0.20
			Sg	16:09.24	-0.84
MORH	51.0	79	Pg	9:16:03.02	-0.06
			Sg	16:09.44	-0.74
PKB4	62.3	49	Pg	9:16:06.15	1.04
PKB5	77.2	47	Pg	9:16:08.81	1.05
PKB1	95.4	40	Pg	9:16:11.67	0.66
			Sg	16:24.15	-0.14
MPLH	121.3	343	Sg	9:16:31.49	-1.05
PKST	126.0	1	Sg	9:16:31.25	-2.79
CSKK	139.0	8	Sn	9:16:35.95	-1.41
PKSG	143.9	12	Sn	9:16:38.45	0.00

1545.

2022-09-23 time: 9:24:15.87 UTC ML= 1.8
 lat: 46.874N lon: 17.324E h= 0.0 km
 erh= 3.5km erz= 6.6km
 nr= 18 gap=104 rms=1.24
 Locality: Várvölgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	36.7	26	Pg	9:24:23.21	0.78
			Sg	24:27.88	0.33
BEHE	61.5	223	Sg	9:24:34.53	-0.88
PKST	68.9	52	Pg	9:24:29.88	1.71
			Sg	24:37.22	-0.54
CSKK	89.5	53	Sg	9:24:42.76	-1.55
PKSG	99.3	55	Pg	9:24:34.21	0.61
			Sg	24:45.85	-1.58
KOVH	105.8	146	Pg	9:24:36.40	1.65
			Sg	24:48.46	-1.03
PKB4	106.6	113	Sg	9:24:49.17	-0.57
SOP	107.0	327	Sg	9:24:47.04	-2.83
MORH	125.0	126	Pg	9:24:38.49	0.31
			Sg	24:54.32	-1.27
PKSM	125.0	126	Pg	9:24:38.49	0.29
			Sg	24:53.68	-1.94
PKSV	130.8	147	Pn	9:24:40.23	1.02
			Sn	24:55.27	-2.15

1546.

2022-09-23 time: 10:42:45.24 UTC ML= 1.9
 lat: 46.988N lon: 22.793E h= 0.0 km
 erh= 3.7km erz= 4.0km
 nr= 9 gap=141 rms=0.81
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
DRGR	22.7	196	Pg	10:42:49.90	0.61
			Sg	42:51.93	-0.52
CJR	68.6	116	Sg	10:43:06.44	-0.61
TRPA	128.4	351	Sg	10:43:25.53	-0.54
GZR	177.2	180	Pn	10:43:15.36	0.98

Földrengés paraméterek

BZS	177.3	211	Sn	43:35.84	-1.26
			Sn	10:43:35.86	-1.26
VOIR	245.0	135	Pn	10:43:23.94	1.11
			Sn	43:52.43	0.28

1547.

2022-09-23 time: 21:54:17.65 UTC ML= 0.9
 lat: 47.348N lon: 18.251E h= 11.4 km
 erh= 4.3km erz= 2.3km
 nr= 7 gap=144 rms=1.07
 Locality: Csókakő
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	1.9	23	PgU	21:54:19.51	-0.20
			Sg	54:19.96	-1.35
PKST	19.1	239	Pg	21:54:22.27	0.65
			Sg	54:25.30	0.58
PKS9	84.6	179	Sg	21:54:41.91	-2.87
PKB3	125.4	145	Pn	21:54:39.05	0.19
PKSM	129.7	167	Sn	21:54:58.03	1.66

1548.

2022-09-24 time: 8:16:56.40 UTC ML= 2.1
 lat: 46.142N lon: 16.150E h= 12.7 km
 erh= 1.1km erz= 0.8km
 nr= 39 gap= 60 rms=0.47
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
RCF6	25.8	325	Pg	8:17:01.91	0.37
			Sg	17:05.85	0.30
PTJ	30.7	209	Pg	8:17:02.45	0.11
			Sg	17:06.05	-0.92
KOGS	34.9	13	Pg	8:17:03.18	0.15
			Sg	17:08.09	-0.11
ZAG	36.8	199	Pg	8:17:03.28	-0.08
			Sg	17:08.11	-0.68
GOLS	43.2	250	iPg	8:17:04.99	0.55
			iSg	17:10.92	0.22
GCIS	50.7	233	iPgC	8:17:06.01	0.28
DOBS	52.6	271	iPgC	8:17:06.41	0.35
			eSg	17:13.88	0.28
CESS	56.3	251	iPg	8:17:07.15	0.44
BEHE	60.4	53	Pg	8:17:07.15	-0.28
			Sg	17:15.21	-0.82
GROS	61.2	305	iPg	8:17:07.60	0.03
CRES	64.2	237	Pg	8:17:08.11	0.03
			Sg	17:16.31	-0.88
LEGS	67.9	252	iPg	8:17:08.82	0.08
PDKS	89.5	264	iPgD	8:17:12.47	-0.08
ZAVS	92.6	291	iP*	8:17:12.74	-0.30
PERS	96.6	305	iP*	8:17:13.14	-0.51
BOJS	99.5	225	iP*	8:17:13.88	-0.21
SOKA	104.5	305	Pn	8:17:14.44	-0.41
			Sn	17:27.61	-1.62
VISS	108.3	250	iPn	8:17:15.31	-0.01
OBKA	129.9	288	Pn	8:17:18.02	0.01
			Sn	17:34.42	-0.44
ARSA	132.2	339	Pn	8:17:19.04	0.74
			Sn	17:35.51	0.13
CRNS	146.1	267	iPn	8:17:22.02	1.98
KOVH	150.9	92	Sn	8:17:40.17	0.65
RONA	173.5	4	Sn	8:17:48.11	3.57*
BLY	174.7	152	Sn	8:17:46.04	1.23
CONA	199.8	354	Pn	8:17:26.57	-0.15
			Sn	17:49.32	-1.05
MOA	237.8	323	Pn	8:17:31.12	-0.35
			Sn	17:58.36	-0.46
KBA	238.8	296	Pn	8:17:31.69	0.10

Földrengés paraméterek

1549.

2022-09-26 time: 7:27:49.75 UTC ML= 1.4
 lat: 48.046N lon: 20.721E h= 0.0 km
 erh= 3.7km erz= 768km
 nr= 6 gap=203 rms=0.46
 Locality: Miskolctapolca
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	47.6	54	Pg	7:27:	58	40	0.16
			Sg	28:04	58		-0.28
KECS	51.6	340	Pg	7:27:	59	18	0.21
			Sg	28:05	56		-0.48
PSZ	63.3	257	Pg	7:28:01	45		0.40
			Sg	28:08	49		-1.37

1550.

2022-09-26 time: 7:38:20.88 UTC ML= 1.5
 lat: 47.091N lon: 17.952E h= 0.0 km
 erh= 2.2km erz= 673km
 nr= 19 gap=186 rms=0.60
 Locality: Veszprém
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	19.7	18	Pg	7:38:	23	81	-0.58
			Sg	38:26	90		-0.24
TIH	21.7	192	Pg	7:38:	25	10	0.35
			Sg	38:27	72		-0.05
CSKK	38.2	38	Pg	7:38:	27	80	0.10
			Sg	38:32	50		-0.53
PKSG	47.1	45	Pg	7:38:	29	45	0.16
PKB1	72.5	118	Pg	7:38:	34	81	1.00
			Sg	38:43	99		0.08
PKB5	81.3	133	Pg	7:38:	36	22	0.83
			Sg	38:46	98		0.27
PKB4	82.7	143	Pg	7:38:	36	23	0.58
			Sg	38:47	68		0.51
MORH	110.7	151	Pg	7:38:	40	15	-0.50
			Sg	38:55	00		-1.08
PKSM	111.0	152	Pg	7:38:	39	93	-0.77
			Sg	38:55	12		-1.05
KOVH	112.0	174	Pg	7:38:	41	11	0.23
			Sg	38:55	29		-1.19

1551.

2022-09-26 time: 7:53:04.48 UTC ML= 1.7
 lat: 48.580N lon: 20.790E h= 0.0 km
 erh= 2.5km erz= 3.9km
 nr= 9 gap=190 rms=0.44
 Locality: Tornanádaska
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	24.9	244	Pg	7:53:	08	90	-0.03
			Sg	53:12	46		0.06
ABAH	45.9	134	Pg	7:53:	12	50	-0.18
			Sg	53:18	72		-0.35
PSZ	99.2	222	Pg	7:53:	22	67	0.48
			Sg	53:35	58		-0.42
LANS	115.9	303	Pg	7:53:	24	90	-0.28
VYHS	144.6	266	Pn	7:53:	30	34	0.79
			Sn	53:47	67		-1.42

Hypocenter Parameters

1552.

2022-09-26 time: 8:44:57.02 UTC ML= 1.9
 lat: 48.417N lon: 19.128E h= 0.0 km
 erh= 1.4km erz= 1.9km
 nr= 22 gap= 56 rms=0.81
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	23.2	292	PgU	8:45:	01	81	0.63
			Sg	45:04	21		-0.20
PENC	70.6	171	Pg	8:45:	10	32	0.69
			Sg	45:18	61		-0.85
PSZ	79.5	134	Pg	8:45:	11	94	0.72
			Sg	45:22	37		0.07
LANS	85.3	17	Pg	8:45:	13	20	0.94
			Sg	45:24	09		-0.05
KECS	100.7	86	Pg	8:45:	14	60	-0.40
			Sg	45:28	15		-0.88
PKSG	126.6	206	Pg	8:45:	20	51	0.88
			Sg	45:36	68		-0.59
CSKK	133.9	209	Sn	8:45:	36	18	-3.09
MODS	137.2	268	Pn	8:45:	21	01	-0.15
			Sn	45:37	97		-2.02
NIE	141.3	38	Pn	8:45:	21	49	-0.18
			Sn	45:39	95		-0.95
PKST	152.6	212	Pn	8:45:	23	19	0.11
			Sn	45:41	44		-1.97
ABAH	157.0	95	Sn	8:45:	43	22	-1.18
MORC	190.5	323	Pn	8:45:	28	84	1.03
			Sn	45:50	86		-0.96

1553.

2022-09-26 time: 10:00:14.88 UTC ML= 2.0
 lat: 48.123N lon: 16.950E h= 0.0 km
 erh= 3.1km erz= 4.3km
 nr= 14 gap= 84 rms=1.10
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ZST	14.0	54	Pg	10:00:	19	06	1.68
			Sg	00:18	57		-0.75
MODS	37.0	41	Pg	10:00:	21	87	0.38
			Sg	00:27	04		0.40
RONA	67.8	226	Pg	10:00:	27	74	0.75
			Sg	00:35	71		-0.73
CONA	84.0	255	Sg	10:00:	40	89	-0.69
KRUC	112.2	339	Sg	10:00:	48	33	-2.20
MPLH	114.8	157	Sg	10:00:	50	74	-0.63
PKST	125.9	140	Sg	10:00:	53	00	-1.90
ARSA	144.5	228	Pn	10:00:	41	13	1.20
			Sn	00:58	97		-0.50
VYHS	145.9	74	Sn	10:00:	58	33	-1.45
MORC	189.0	13	Sn	10:01:	08	97	-0.38

1554.

2022-09-26 time: 10:55:12.82 UTC ML= 0.9
 lat: 47.607N lon: 18.424E h= 0.0 km
 erh= 4.4km erz= 3.3km
 nr= 9 gap=160 rms=0.78
 Locality: Vértesszőlős
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	24.1	186	Pg	10:55:	18	25	1.13
			Sg	55:20	87		0.39
CSKK	29.8	205	Pg	10:55:	18	25	0.10
			Sg	55:22	43		0.13
PKST	48.6	217	Pg	10:55:	21	83	0.32
			Sg	55:27	17		-1.11
VYHS	103.3	17	Sg	10:55:	44	88	-0.77

Hypocenter Parameters

MORH 155.6 174 Sn 10:55:58.41 -1.46
 PKSM 156.0 174 Sn 10:55:58.73 -1.23

1555.

2022-09-26 time: 11:26:32.80 UTC ML= 1.6
 lat: 48.891N lon: 20.666E h= 0.0 km
 erh= 3.0km erz= 817km
 nr= 9 gap=171 rms=0.61
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	47.3	196	Pg	11:26:41.32		0.07	
			Sg	26:48.28		0.44	
NIE	64.0	336	Pg	11:26:44.91		0.67	
			Sg	26:52.19		-0.97	
ABAH	78.6	147	Pg	11:26:46.98		0.14	
			Sg	26:56.58		-1.20	
LANS	92.2	288	Sg	11:27:01.42		-0.70	
PSZ	122.4	208	Pg	11:26:55.20		0.55	
			Sg	27:11.01		-0.68	

1556.

2022-09-26 time: 12:00:18.24 UTC ML= 2.0
 lat: 48.997N lon: 19.357E h= 0.0 km
 erh= 2.9km erz= 6.4km
 nr= 10 gap=171 rms=0.72
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
LANS	18.9	25	Pg	12:00:21.54		-0.07	
			Sg	00:23.89		-0.36	
VYHS	67.8	214	Sg	12:00:39.81		0.02	
NIE	84.0	56	Pg	12:00:33.94		0.70	
			Sg	00:43.93		-1.02	
KECS	100.8	125	Pg	12:00:37.04		0.80	
			Sg	00:49.87		-0.42	
PSZ	126.4	162	Pg	12:00:41.26		0.45	
			Sg	00:57.23		-1.18	
PENC	134.3	182	Sn	12:00:58.52		-2.05	

1557.

2022-09-27 time: 1:11:29.73 UTC ML= 2.0
 lat: 45.528N lon: 16.032E h= 8.8 km
 erh= 1.9km erz= 1.2km
 nr= 22 gap=173 rms=0.51
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZAG	33.6	355	Pg	1:11:36.06		0.12	
			Sg	11:41.16		0.39	
R971	34.5	357	Pg	1:11:36.09		0.00	
PTJ	41.8	352	Pg	1:11:37.39		0.04	
			Sg	11:42.80		-0.50	
CRES	55.7	306	Pg	1:11:40.06		0.25	
			Sg	11:47.26		-0.41	
R93E	68.3	102	Pg	1:11:41.67		-0.36	
RCF6	89.7	356	Pg	1:11:45.68		-0.15	
KOGS	103.7	9	Pg	1:11:48.70		0.38	
			Sg	12:02.08		-0.73	
GROS	111.6	338	Pn	1:11:49.54		-0.02	
			Sn	12:03.52		-1.50	
BEHE	119.5	29	Sn	1:12:06.56		-0.23	
BLY	125.3	134	Pn	1:11:51.40		0.13	
			Sn	12:06.89		-1.18	
PERS	142.1	330	Pn	1:11:54.76		1.40	
			Sn	12:11.18		-0.61	
SOKA	149.4	329	Sn	1:12:14.26		0.84	
KOVH	172.4	69	Sn	1:12:18.65		0.13	
PKSV	177.5	77	Sn	1:12:20.21		0.56	

Földrengés paraméterek

PKSM 216.4 69 Sn 1:12:29.94 1.65

1558.

2022-09-27 time: 7:38:07.02 UTC ML= 1.8
 lat: 48.695N lon: 18.694E h= 0.0 km
 erh= 3.3km erz= 3.5km
 nr= 12 gap=128 rms=0.80
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	24.6	155	Pg	7:38:12.72		1.30	
			Sg	38:15.06		0.21	
LANS	76.1	48	Sg	7:38:30.25		-0.94	
PENC	109.6	157	Pg	7:38:26.49		-0.10	
			Sg	38:41.05		-0.80	
PSZ	124.0	134	Pg	7:38:29.23		0.07	
			Sg	38:46.63		0.19	
KECS	134.2	100	Pn	7:38:30.95		0.16	
			Sn	38:48.16		-1.17	
MORC	146.7	325	Pn	7:38:33.26		0.92	
			Sn	38:50.82		-1.28	
PKST	167.1	197	Sn	7:38:55.13		-1.49	

1559.

2022-09-27 time: 8:28:45.77 UTC ML= 1.5
 lat: 48.551N lon: 20.783E h= 0.0 km
 erh= 2.7km erz= 5.2km
 nr= 12 gap= 93 rms=1.04
 Locality: Tornanádaska
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	23.2	251	Pg	8:28:49.84		-0.07	
			Sg	28:52.70		-0.45	
ABAH	44.1	130	Pg	8:28:54.21		0.57	
			Sg	28:59.80		0.01	
PSZ	96.5	223	Pg	8:29:04.05		1.06	
			Sg	29:16.10		-0.33	
NIE	102.4	340	Pg	8:29:05.58		1.52	
			Sg	29:18.06		-0.27	
LANS	117.3	305	Sg	8:29:21.81		-1.24	
KOLS	117.6	69	Sg	8:29:21.35		-1.78	
PENC	140.1	233	Sn	8:29:26.67		-2.71	
VYHS	144.0	267	Sn	8:29:28.94		-1.30	

1560.

2022-09-27 time: 10:13:47.54 UTC ML= 1.2
 lat: 47.103N lon: 17.834E h= 0.0 km
 erh= 2.4km erz= 823km
 nr= 10 gap=119 rms=0.64
 Locality: Márkó
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
TIH	23.0	169	Pg	10:13:52.16		0.51	
			Sg	13:55.78		0.93	
PKST	23.1	41	Pg	10:13:51.44		-0.22	
			Sg	13:54.80		-0.07	
MPLH	23.5	289	Pg	10:13:51.77		0.03	
			Sg	13:54.51		-0.51	
KOVH	114.6	170	Pg	10:14:08.67		0.67	
			Sg	14:22.60		-1.37	
MORH	116.5	148	Sg	10:14:24.39		-0.18	
PKSM	116.8	148	Sg	10:14:23.13		-1.52	

Földrengés paraméterek

1561.

2022-09-27 time: 11:32:34.89 UTC ML= 1.2
 lat: 47.869N lon: 16.074E h= 0.0 km
 erh= 1.7km erz= 2.8km
 nr= 7 gap=128 rms=0.57
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	17.2	292	Pg	11:32:38.43			0.47
			Sg	32:40.33			-0.02
RONA	25.2	139	Pg	11:32:40.00			0.61
			Sg	32:42.82			-0.07
ARSA	80.3	211	Sg	11:32:59.96			-0.46
KRUC	134.7	10	Pn	11:32:58.39			-0.33
			Sn	33:15.69			-1.62

1562.

2022-09-28 time: 7:24:25.34 UTC ML= 1.7
 lat: 46.852N lon: 17.328E h= 0.0 km
 erh= 3.1km erz= ***km
 nr= 13 gap=119 rms=0.99
 Locality: Lesencefalu
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	38.9	24	Pg	7:24:32.13			-0.15
			Sg	24:37.19			-0.51
EGYH	62.9	0	Pg	7:24:37.35			0.78
			Sg	24:44.24			-1.08
PKST	70.2	50	Pg	7:24:39.10			1.22
			Sg	24:47.06			-0.59
KOGS	93.9	241	Sg	7:24:53.94			-1.25
PKSG	100.5	53	Sg	7:24:56.53			-0.76
KOVH	103.5	145	Pg	7:24:45.49			1.67
			Sg	24:58.40			0.16
MORH	123.2	125	Sg	7:25:03.96			-0.55
PKSM	123.3	125	Sg	7:25:03.18			-1.36
PKSV	128.5	146	Sg	7:25:04.98			-1.21

1563.

2022-09-28 time: 7:30:14.25 UTC ML= 1.8
 lat: 48.441N lon: 17.237E h= 0.0 km
 erh= 1.6km erz= 2.8km
 nr= 16 gap= 95 rms=0.62
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	8.0	158	PgU	7:30:15.86			0.18
			Sg	30:17.34			0.54
SMOL	16.3	60	Pg	7:30:17.69			0.52
			Sg	30:19.01			-0.43
ZST	29.0	200	Sg	7:30:23.59			0.13
KRUC	92.8	318	Pg	7:30:30.86			0.04
			Sg	30:43.17			-0.57
RONA	108.2	220	Pg	7:30:34.22			0.65
			Sg	30:48.25			-0.39
EGYH	114.0	176	Sg	7:30:49.37			-1.12
CONA	117.1	241	Pg	7:30:35.64			0.48
			Sg	30:50.59			-0.88
PKST	144.3	156	Sn	7:30:57.35			-1.45
MORC	150.3	9	Pn	7:30:39.60			-0.42
			Sn	30:56.53			-3.59*
KRLC	184.8	350	Sn	7:31:09.06			1.27

Hypocenter Parameters

1564.

2022-09-28 time: 7:53:20.84 UTC ML= 1.5
 lat: 48.694N lon: 18.653E h= 0.0 km
 erh= 6.6km erz= 9.9km
 nr= 8 gap=182 rms=0.77
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	26.0	149	Pg	7:53:26.64			1.15
			Sg	53:29.06			-0.05
SMOL	92.5	257	Sg	7:53:49.73			-0.50
MODS	107.6	251	Pg	7:53:40.26			0.20
			Sg	53:54.97			-0.08
PENC	110.8	155	Sg	7:53:53.72			-2.34
MORC	145.1	326	Pn	7:53:45.73			-0.23
			Sn	54:04.99			-0.57

1565.

2022-09-28 time: 8:50:26.80 UTC ML= 1.0
 lat: 47.971N lon: 16.093E h= 0.0 km
 erh= 1.8km erz= 486km
 nr= 6 gap=143 rms=0.28
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	17.9	255	Pg	8:50:29.97			-0.03
			Sg	50:32.39			-0.11
RONA	33.8	153	Pg	8:50:33.00			0.16
			Sg	50:37.25			-0.30
KRUC	123.3	10	Pg	8:50:49.14			0.32
			Sg	51:05.19			-0.80

1566.

2022-09-28 time: 9:14:41.07 UTC ML= 0.8
 lat: 47.193N lon: 18.319E h= 0.0 km
 erh= 2.6km erz= 4.5km
 nr= 7 gap=111 rms=0.43
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	19.5	347	Sg	9:14:47.29			0.02
PKST	22.8	289	Pg	9:14:45.56			0.41
			Sg	14:47.80			-0.53
MORH	111.4	167	Sg	9:15:16.75			0.27
PKSM	111.8	167	Sg	9:15:16.99			0.39
KOVH	123.9	188	Sg	9:15:19.80			-0.65
PSZ	143.4	56	Sn	9:15:24.89			-0.54

1567.

2022-09-28 time: 11:53:58.06 UTC ML= 1.9
 lat: 47.314N lon: 16.333E h= 0.0 km
 erh= 3.3km erz= 5.3km
 nr= 17 gap= 95 rms=1.20
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
RONA	42.9	356	Pg	11:54:06.46			0.73
			Sg	54:10.77			-0.94
SOP	44.4	22	Pg	11:54:06.93			0.94
			Sg	54:12.65			0.48
ARSA	61.7	263	Sg	11:54:16.25			-1.42
CONA	76.9	333	Sg	11:54:20.67			-1.84
MPLH	92.7	100	Sg	11:54:25.91			-1.62
RCF6	112.7	195	Sg	11:54:32.88			-1.01
GROS	114.1	214	Pg	11:54:19.69			1.26
			Sg	54:33.31			-1.01

Hypocenter Parameters

PERS	119.4	231	Pg	11:54:20.79	1.40
			Sg	54:36.52	0.50
SOKA	121.6	234	Sg	11:54:34.99	-1.73
MODS	137.4	31	Pn	11:54:22.12	-0.10
			Sn	54:38.75	-2.32
KRUC	194.4	1	Pn	11:54:30.88	1.55
			Sn	54:53.81	0.09

1568.

2022-09-28 time: 14:24:13.10 UTC ML= 1.1
lat: 47.867N lon: 16.541E h= 9.8 km
erh= 1.8km erz= 2.5km
nr= 12 gap=132 rms=0.47
Locality: Austria
Comments:

sta	dist	azm	phase	hr mn	sec	res
SOP	20.5	176	Pg	14:24:16.34	-0.82	
			Sg	24:20.30	-0.02	
RONA	26.1	225	Pg	14:24:18.59	0.50	
			Sg	24:22.27	0.29	
WINA	44.0	307	Pg	14:24:21.54	0.40	
			Sg	24:26.76	-0.66	
CONA	51.3	278	Pg	14:24:22.39	-0.03	
			Sg	24:29.43	-0.26	
MODS	78.6	44	Pg	14:24:27.71	0.47	
			Sg	24:37.95	-0.32	
KRUC	133.3	355	Pn	14:24:35.81	0.32	
			Sn	24:52.17	-0.79	

1569.

2022-09-29 time: 7:35:34.23 UTC ML= 1.3
lat: 46.131N lon: 18.042E h= 0.0 km
erh= 3.8km erz= 717km
nr= 11 gap=250 rms=0.57
Locality: Hetvehely
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
KOVH	6.5	137	PgU	7:35:35.55	0.15	
			Sg	35:36.35	0.03	
PKSV	31.5	149	Pg	7:35:39.82	-0.04	
			Sg	35:43.96	-0.29	
PKSM	47.2	79	Pg	7:35:42.79	0.13	
			Sg	35:49.01	-0.22	
MORH	47.5	79	Pg	7:35:42.87	0.16	
			Sg	35:49.05	-0.27	
PKB4	59.4	47	Pg	7:35:44.83	0.00	
PKB5	74.2	46	Pg	7:35:48.91	1.42	
PKB1	92.7	38	Pg	7:35:49.52	-1.27	

1570.

2022-09-29 time: 7:56:33.18 UTC ML= 1.6
lat: 48.513N lon: 17.435E h= 0.0 km
erh= 1.6km erz= 2.4km
nr= 12 gap=143 rms=0.58
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
SMOL	0.5	286	Pg	7:56:33.47	0.20	
			Sg	56:34.22	0.89	
MODS	19.4	217	Pg	7:56:37.07	0.43	
			Sg	56:39.23	-0.11	
ZST	43.0	215	Pg	7:56:41.22	0.36	
KRUC	97.8	309	Pg	7:56:50.85	0.20	
			Sg	57:02.90	-1.37	
VYHS	103.6	91	Pg	7:56:51.86	0.18	
			Sg	57:05.17	-0.94	
RONA	123.9	223	Pg	7:56:55.70	0.38	
CONA	133.7	241	Pn	7:56:56.09	-0.80	
			Sn	57:14.40	-0.99	

Földrengés paraméterek

1571.

2022-09-29 time: 8:01:03.56 UTC ML= 1.6
lat: 46.070N lon: 22.848E h= 0.0 km
erh= 3.0km erz= 5.0km
nr= 8 gap=120 rms=0.70
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
DEV	21.2	168	Pg	8:01:08.07	0.73	
			Sg	01:11.05	0.76	
GZR	75.4	184	Pg	8:01:17.15	0.12	
			Sg	01:26.23	-1.30	
DRGR	80.9	353	Sg	8:01:29.52	0.24	
BZS	108.1	242	Sg	8:01:37.34	-0.58	
VOIR	185.2	112	Pn	8:01:33.43	-0.26	
			Sn	01:55.66	-1.53	

1572.

2022-09-29 time: 8:24:38.89 UTC ML= 1.7
lat: 48.514N lon: 19.396E h= 0.0 km
erh= 2.7km erz= 926km
nr= 8 gap= 97 rms=0.67
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
VYHS	41.5	267	Pg	8:24:46.85	0.56	
			Sg	24:51.39	-0.68	
LANS	71.0	4	Pg	8:24:52.17	0.61	
			Sg	25:00.54	-0.91	
PSZ	75.9	151	Pg	8:24:52.95	0.51	
			Sg	25:01.95	-1.06	
KECS	80.6	92	Sg	8:25:04.53	0.03	
PENC	80.9	186	Sg	8:25:03.71	-0.89	

1573.

2022-09-29 time: 8:58:24.18 UTC ML= 1.9
lat: 48.222N lon: 21.261E h= 0.0 km
erh= 1.8km erz= 2.6km
nr= 13 gap=106 rms=0.62
Locality: Tállya
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
ABAH	8.4	349	Pg	8:58:26.13	0.44	
			Sg	58:27.39	0.52	
KECS	64.4	297	Pg	8:58:36.15	0.47	
			Sg	58:43.74	-0.91	
TRPA	95.6	96	Pg	8:58:41.94	0.68	
			Sg	58:54.07	-0.50	
PSZ	107.3	252	Pg	8:58:43.59	0.25	
			Sg	58:57.91	-0.37	
KOLS	108.8	43	Pg	8:58:43.51	-0.11	
			Sg	58:56.03	-2.75	
NIE	150.2	332	Pn	8:58:49.69	-0.26	
LANS	167.6	308	Sn	8:59:12.70	-1.21	
DRGR	192.9	145	Sn	8:59:18.25	-1.26	

1574.

2022-09-29 time: 13:18:49.90 UTC ML= 1.8
lat: 47.114N lon: 19.330E h= 0.0 km
erh= 4.2km erz= 750km
nr= 13 gap=162 rms=0.63
Locality: Örkény
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKS7	14.9	240	Pg	13:18:52.41	-0.14	

Földrengés paraméterek

		Sg	18:54.36	-0.26
PKB1	55.0 228	Pg	13:19:00.08	0.36
PKS2	69.8 187	Pg	13:19:03.40	1.05
PKB5	73.4 218	Pg	13:19:03.72	0.72
		Sg	19:12.76	-0.47
PENC	75.3 357	Pg	13:19:04.07	0.73
PKB4	88.3 219	Pg	13:19:05.60	-0.06
PSZ	99.0 25	Pg	13:19:06.73	-0.84
PKS9	99.3 234	Pg	13:19:07.63	0.00
MORH	112.8 208	Pg	13:19:09.74	-0.31
PKSM	113.3 208	Pg	13:19:09.39	-0.74
		Sg	19:24.10	-1.82

1575.

2022-09-29 time: 13:20:03.76 UTC ML= 1.6
lat: 46.412N lon: 17.191E h= 12.6 km
erh= 2.3km erz= 1.9km
nr= 19 gap=110 rms=0.71

Locality: Varászló

Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	32.6	281	Pg	13:20:10.74	0.74		
			Sg	20:14.70	-0.16		
KOGS	72.4	273	Pg	13:20:17.36	0.47		
			Sg	20:26.25	-0.87		
TIH	76.3	45	Pg	13:20:16.78	-0.80		
KOVH	78.8	117	Pg	13:20:18.57	0.56		
			Sg	20:27.65	-1.47		
PKS9	85.7	77	Sg	13:20:31.48	0.18		
MPLH	88.4	18	Sg	13:20:31.85	-0.28		
RCF6	95.2	265	S*	13:20:31.42	-2.68		
PKSV	100.5	125	P*	13:20:22.03	0.41		
			S*	20:35.18	-0.38		
PTJ	111.0	239	Sn	13:20:38.11	0.06		
ZAG	113.0	235	Sn	13:20:37.76	-0.73		
PKSM	113.9	101	Pn	13:20:23.40	0.01		
			Sn	20:38.38	-0.32		
MORH	114.0	101	Pn	13:20:24.80	1.39		
			Sn	20:38.31	-0.42		
PKB5	120.3	80	Sn	13:20:39.70	-0.42		

1576.

2022-09-29 time: 13:32:56.56 UTC ML= 1.8
lat: 47.122N lon: 19.330E h= 0.0 km
erh= 4.2km erz= 764km
nr= 13 gap=162 rms=0.65

Locality: Örkény

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	15.3	237	Pg	13:32:59.53	0.24		
			Sg	33:01.13	-0.30		
PKB1	55.6	228	Pg	13:33:06.53	0.05		
PKB5	74.1	218	Pg	13:33:10.80	1.01		
			Sg	33:20.11	0.00		
PENC	74.4	357	Pg	13:33:10.87	1.02		
PKB3	78.3	188	Pg	13:33:10.99	0.45		
PSZ	98.2	26	Pg	13:33:13.85	-0.24		
			Sg	33:26.45	-1.32		
PKS9	99.9	233	Pg	13:33:14.28	-0.11		
MORH	113.6	208	Pg	13:33:16.20	-0.64		
PKSM	114.1	208	Pg	13:33:16.51	-0.42		
			Sg	33:31.10	-1.73		

1577.

2022-09-30 time: 6:39:31.80 UTC ML= 1.8
lat: 48.543N lon: 19.330E h= 0.0 km
erh= 2.2km erz= 4.9km
nr= 8 gap=113 rms=0.60

Locality: Slovakia

Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
VYHS	36.9	261	Pg	6:39:38.52	0.13		
			Sg	39:42.59	-0.94		
LANS	68.3	9	Pg	6:39:44.46	0.47		
			Sg	39:53.39	-0.11		
PSZ	81.2	149	Pg	6:39:46.97	0.67		
			Sg	39:57.61	0.01		
KECS	85.6	94	Sg	6:39:58.24	-0.78		
ABAH	144.0	101	Sn	6:40:14.99	-1.29		

1578.

2022-09-30 time: 8:02:18.68 UTC ML= 1.7
lat: 48.791N lon: 16.183E h= 0.0 km
erh= 5.2km erz= 7.2km
nr= 10 gap=191 rms=1.01
Locality: Czechia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KRUC	33.9	27	Pg	8:02:24.55	-0.18		
			Sg	02:28.07	-1.37		
MODS	93.1	120	Pg	8:02:36.53	1.22		
			Sg	02:48.19	-0.10		
CONA	98.9	194	Pg	8:02:36.40	0.07		
			Sg	02:48.14	-1.97		
RONA	121.7	176	Pg	8:02:41.10	0.69		
			Sg	02:55.18	-2.18		
ARSA	178.3	196	Pn	8:02:48.92	0.98		
			Sn	03:10.84	0.08		

1579.

2022-09-30 time: 10:17:20.33 UTC ML= 1.3
lat: 45.838N lon: 18.451E h= 0.0 km
erh= 2.1km erz= 318km
nr= 11 gap=249 rms=0.26
Locality: Nagyharány
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	16.5	290	Pg	10:17:23.10	-0.17		
			Sg	17:25.24	-0.32		
KOVH	38.9	316	Pg	10:17:27.55	0.27		
			Sg	17:32.44	-0.27		
PKSM	44.1	20	Pg	10:17:28.05	-0.15		
			Sg	17:34.40	0.06		
MORH	44.6	20	Pg	10:17:28.18	-0.11		
			Sg	17:34.24	-0.26		
PKB4	74.1	9	Pg	10:17:33.88	0.31		
PKS9	84.3	351	Pg	10:17:35.70	0.31		
PKB3	86.9	41	Sg	10:17:46.30	-1.64*		

1580.

2022-09-30 time: 13:43:28.34 UTC ML= 1.6
lat: 46.082N lon: 21.773E h= 0.0 km
erh= 9.4km erz= ***km
nr= 6 gap=209 rms=1.04
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
BZS	53.1	193	Pg	13:43:38.02	0.19		
			Sg	43:43.50	-1.73		
DRGR	106.9	42	Pg	13:43:48.35	0.93		
			Sg	44:00.87	-1.43		
GZR	109.4	134	Pg	13:43:48.82	0.95		
			Sg	44:01.97	-1.14		

Hypocenter Parameters

1581.

2022-09-30 time: 17:02:16.40 UTC ML= 2.3
 lat: 46.125N lon: 17.027E h= 4.8 km
 erh= 2.0km erz= 1.7km
 nr= 44 gap= 78 rms=1.02
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	43.0	333	Pg	17:02:24.44		0.31	
			Sg	02:30.51		0.35	
KOGS	69.8	301	Pg	17:02:29.68		0.78	
			Sg	02:39.28		0.64	
KOVH	83.1	93	Pg	17:02:31.74		0.49	
			Sg	02:43.45		0.61	
PTJ	86.5	253	Pg	17:02:31.40		-0.46	
			Sg	02:40.95		-2.98	
PKSV	98.5	105	Pg	17:02:33.85		-0.15	
			Sg	02:47.02		-0.71	
TIH	108.8	38	Pg	17:02:35.12		-0.73	
			Sg	02:49.67		-1.36	
PKS9	109.2	62	Pg	17:02:36.00		0.08	
			Sg	02:50.35		-0.79	
MPLH	122.7	19	Pn	17:02:37.42		-0.69	
			Sn	02:53.05		-2.00	
PKSM	125.1	86	Pn	17:02:38.60		0.19	
			Sn	02:54.27		-1.31	
MORH	125.3	85	Pn	17:02:36.93		-1.51	
			Sn	02:54.47		-1.16	
CRES	126.1	255	Pn	17:02:38.65		0.11	
			Sn	02:53.74		-2.08	
PKB4	128.3	71	Pn	17:02:38.94		0.13	
			Sn	02:54.71		-1.59	
PKB5	141.5	68	Pn	17:02:40.70		0.24	
			Sn	02:59.42		0.19	
EGYH	145.6	9	Pn	17:02:42.57		1.60	
PKST	147.8	31	Pn	17:02:41.73		0.49	
			Sn	03:01.43		0.81	
BLY	153.4	175	Sn	17:03:02.41		0.54	
PKB1	154.2	62	Pn	17:02:43.44		1.40	
			Sn	03:02.79		0.75	
SOKA	165.2	292	Pn	17:02:44.10		0.68	
			Sn	03:03.73		-0.77	
CSKK	166.9	34	Sn	17:03:06.79		1.93	
ARSA	170.0	317	Sn	17:03:06.79		1.24	
PKB3	170.4	79	Sn	17:03:07.89		2.25	
PKS2	173.3	76	Sn	17:03:09.51		3.22	
OBKA	195.6	283	Pn	17:02:48.80		1.59	
			Sn	03:13.11		1.87	
CONA	219.2	336	Pn	17:02:48.57		-1.58	
			Sn	03:14.22		-2.26	
MOA	284.4	312	Pn	17:02:58.14		-0.14	
			Sn	03:29.25		-1.70	

1582.

2022-10-01 time: 0:29:36.49 UTC ML= 1.4
 lat: 47.974N lon: 19.435E h= 1.5 km
 erh= 1.3km erz=30.0km
 nr= 7 gap=113 rms=0.25
 Locality: Cserhátsurány
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PENC	23.5	209	Pg	0:29:40.72		0.03	
			Sg	29:43.50		-0.47	
PSZ	34.9	100	PgD	0:29:43.03		0.30	
			Sg	29:47.53		-0.06	
VYHS	72.9	322	Sg	0:29:59.89		0.21	
KECS	96.4	54	Sg	0:30:06.66		-0.47	
BSZH	97.7	140	Pg	0:29:53.94		0.01	

Földrengés paraméterek

1583.

2022-10-01 time: 7:44:08.37 UTC ML= 1.0
 lat: 46.227N lon: 18.242E h= 0.0 km
 erh= 2.0km erz= 3.6km
 nr= 10 gap=129 rms=0.50
 Locality: Komló
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	18.9	216	PgU	7:44:12.39		0.64	
			Sg	44:14.84		0.46	
PKSM	30.8	93	Pg	7:44:14.19		0.31	
			Sg	44:17.91		-0.26	
MORH	31.0	92	Pg	7:44:14.03		0.12	
			Sg	44:17.94		-0.30	
PKSV	37.6	179	Pg	7:44:15.13		0.05	
			Sg	44:19.50		-0.82	
PKB4	40.9	43	Sg	7:44:20.86		-0.52	
RCF6	176.3	274	Sn	7:44:58.74		-1.29	

1584.

2022-10-02 time: 5:52:53.11 UTC ML= 2.6
 lat: 48.292N lon: 16.803E h= 9.1 km
 erh= 1.2km erz= 1.1km
 nr= 55 gap= 48 rms=0.77
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZST	24.6	116	PgU	5:52:57.97		0.17	
			Sg	53:01.09		-0.37	
MODS	36.3	75	Pg	5:52:59.75		-0.05	
			Sg	53:04.34		-0.67	
SMOL	52.5	62	Pg	5:53:03.02		0.40	
WINA	58.0	249	Pg	5:53:03.98		0.38	
			Sg	53:11.51		-0.28	
SOP	70.1	195	Pg	5:53:05.67		-0.06	
			Sg	53:14.52		-1.05	
RONA	75.9	210	Pg	5:53:06.77		0.00	
			Sg	53:16.44		-0.98	
CONA	80.9	240	Pg	5:53:07.72		0.06	
			Sg	53:18.31		-0.69	
KRUC	90.8	341	Pg	5:53:09.38		-0.02	
			Sg	53:20.58		-1.53	
EGYH	105.0	158	Pg	5:53:11.84		-0.09	
			Sg	53:25.87		-0.73	
ABNA	109.7	293	Pn	5:53:12.30		-0.36	
			Sn	53:26.02		-1.88	
SRO	124.5	115	Pn	5:53:14.60		0.10	
			Sn	53:30.56		-0.62	
MPLH	136.4	156	Pn	5:53:16.17		0.19	
			Sn	53:32.64		-1.18	
PKST	147.3	141	Pn	5:53:17.38		0.04	
			Sn	53:34.34		-1.90	
CSKK	150.2	133	Pn	5:53:17.36		-0.34	
			Sn	53:35.00		-1.89	
ARSA	150.4	220	Pn	5:53:18.70		0.97	
			Sn	53:36.60		-0.33	
VYHS	152.2	81	Pn	5:53:19.21		1.25	
			Sn	53:35.77		-1.56	
MORC	173.8	18	Pn	5:53:21.06		0.42	
			Sn	53:41.81		-0.31	
TIH	175.1	152	Pn	5:53:22.91		2.10	
BUD	188.8	118	Pn	5:53:22.42		-0.10	
			Sn	53:49.18		3.73*	
PENC	193.0	107	Pn	5:53:26.08		3.04	
MOA	195.4	255	Pn	5:53:24.52		1.18	
			Sn	53:48.37		1.45	
BEHE	202.5	181	Pn	5:53:24.60		0.37	
			Sn	53:48.52		0.02	
LANS	218.1	64	Pn	5:53:27.15		0.98	
PKS9	219.8	150	Pn	5:53:27.03		0.65	
PKB1	224.7	138	Pn	5:53:27.49		0.49	

Földrengés paraméterek

PKB5	238.4	142	Pn	5:53:29.33	0.63
BIOA	245.5	254	Pn	5:53:30.53	0.94
			Sn	53:58.09	0.05
OBKA	261.2	221	Pn	5:53:33.40	1.85
KOVS	263.9	158	Pn	5:53:32.15	0.27
MORH	269.6	149	Pn	5:53:32.70	0.11
PKSM	269.9	149	Pn	5:53:32.67	0.05
PTJ	273.5	194	Pn	5:53:33.92	0.84
KECS	273.6	86	ePn	5:53:34.00	0.91
KBA	292.6	243	Pn	5:53:36.80	1.33
			Sn	54:08.41	-0.09*
MYKA	301.6	232	Pn	5:53:38.61	2.02*
LESA	323.5	253	Pn	5:53:40.24	0.93*
			Sn	54:15.64	0.29*
ABAH	329.2	90	Pn	5:53:40.92	0.90*
ABTA	366.0	242	Pn	5:53:45.75	1.14*
			Sn	54:25.05	0.27*
BLY	394.9	176	Pn	5:53:48.94	0.72*
			Sn	54:32.18	0.98*
WTTA	403.8	254	Pn	5:53:50.33	1.01*
			Sn	54:33.04	-0.13*
WATA	405.7	255	Pn	5:53:50.52	0.96*
			Sn	54:33.71	0.12*
SQTA	436.1	254	Pn	5:53:54.74	1.39*
			Sn	54:39.35	-0.99*
MOTA	439.7	256	Pn	5:53:54.73	0.93*
			Sn	54:41.60	0.47*
RETA	460.6	259	Pn	5:53:57.18	0.77*
			Sn	54:45.70	-0.07*
FETA	477.7	253	Pn	5:53:59.95	1.41*
DAVA	530.7	258	Pn	5:54:05.22	0.08*

1585.

2022-10-02 time: 6:28:09.89 UTC ML= 1.8
 lat: 48.285N lon: 16.813E h= 10.9 km
 erh= 1.6km erz= 1.4km

nr= 24 gap= 80 rms=0.70

Locality: Austria

Comments:

sta	dist	azm	phase	hr mn sec	res
ZST	23.7	115	PgU	6:28:14.84	0.29
			Sg	28:17.88	-0.30
MODS	35.9	74	Pg	6:28:16.72	0.13
			Sg	28:21.10	-0.71
SMOL	52.3	61	Pg	6:28:19.99	0.56
WINA	58.4	250	Pg	6:28:20.89	0.39
			Sg	28:28.41	-0.37
RONA	75.6	211	Pg	6:28:23.54	0.00
			Sg	28:33.20	-0.97
CONA	81.2	241	Pg	6:28:24.82	0.30
			Sg	28:34.83	-1.09
KRUC	91.7	340	Pg	6:28:26.38	-0.01
			Sg	28:38.04	-1.22
ABNA	110.7	293	Pn	6:28:29.20	-0.13
			Sn	28:42.71	-1.78
PKST	146.3	141	Sn	6:28:51.07	-1.32
CSKK	149.2	133	Sn	6:28:52.52	-0.52
ARSA	150.2	220	Pn	6:28:35.85	1.59
			Sn	28:54.71	1.44
VYHS	151.7	81	Sn	6:28:53.48	-0.11
PKSG	154.3	130	Sn	6:28:53.67	-0.51
PENC	192.1	107	Pn	6:28:40.01	0.52
MOA	195.9	256	Pn	6:28:40.80	0.84
			Sn	29:04.02	0.61

1586.

2022-10-02 time: 8:17:34.93 UTC ML= 2.3
 lat: 48.294N lon: 16.798E h= 6.0 km
 erh= 1.1km erz= 1.1km
 nr= 49 gap= 48 rms=0.67

Locality: Austria

Comments:

Hypocenter Parameters

sta	dist	azm	phase	hr mn sec	res
ZST	25.1	116	PgU	8:17:39.91	0.37
			Sg	17:42.69	-0.44
MODS	36.6	76	PgU	8:17:41.66	0.10
			Sg	17:46.00	-0.72
SMOL	52.7	62	Pg	8:17:44.88	0.48
			Sg	17:50.93	-0.85
WINA	57.8	249	Pg	8:17:45.74	0.43
			Sg	17:53.95	0.55
SOP	70.3	195	Pg	8:17:47.64	0.11
			Sg	17:56.17	-1.18
RONA	76.0	210	Pg	8:17:48.72	0.17
			Sg	17:58.51	-0.66
CONA	80.8	240	Pg	8:17:49.49	0.10
			Sg	18:00.08	-0.59
KRUC	90.4	341	PgU	8:17:51.21	0.11
			Sg	18:02.48	-1.24
ABNA	109.2	293	Pg	8:17:54.15	-0.32
			Sg	18:07.92	-1.79
MPLH	136.8	156	Pn	8:17:58.16	-0.10
			Sn	18:14.66	-1.80
PKST	147.8	141	Pn	8:17:59.85	0.22
			Sn	18:19.00	0.11
ARSA	150.4	219	Pn	8:18:01.58	1.63
			Sn	18:18.60	-0.87
CSKK	150.7	133	Sn	8:18:19.30	-0.24
VYHS	152.6	82	Pn	8:17:59.60	-0.63
			Sn	18:19.59	-0.37
PKSG	155.8	130	Pn	8:18:01.38	0.75
			Sn	18:19.20	-1.48
MORC	173.6	18	Pn	8:18:03.37	0.52
			Sn	18:23.88	-0.75
MOA	195.1	255	Pn	8:18:05.92	0.39
			Sn	18:29.48	0.08
LANS	218.3	64	ePn	8:18:10.20	1.78
SOKA	223.6	217	Pn	8:18:10.13	1.04
PKB1	225.2	138	Pn	8:18:09.28	-0.01
GROS	226.1	206	Pn	8:18:09.75	0.35
PSZ	234.4	100	Pn	8:18:11.06	0.63
PKB5	238.9	142	Pn	8:18:12.09	1.10
BIOA	245.2	254	Pn	8:18:12.56	0.78
			Sn	18:39.54	-0.98
OBKA	261.2	221	Pn	8:18:14.24	0.47
MORH	270.0	149	Pn	8:18:14.76	-0.12
PKSM	270.3	149	Pn	8:18:14.71	-0.20
			Sn	18:45.79	-0.30
PTJ	273.7	193	Pn	8:18:14.95	-0.39
KECS	273.9	86	Pn	8:18:16.33	0.97
KBA	292.4	242	Pn	8:18:17.48	-0.19
CRES	292.7	200	Pn	8:18:18.46	0.75
LESA	323.2	253	Pn	8:18:21.11	-0.40*
WTTA	403.5	254	Pn	8:18:31.42	-0.10*
WATA	405.4	255	Pn	8:18:31.91	0.16*
SQTA	435.8	254	Pn	8:18:35.45	-0.09*
MOTA	439.3	256	Pn	8:18:35.94	-0.05*
			Sn	19:22.30	-1.31*
FETA	477.4	253	Pn	8:18:40.47	-0.26*

1587.

2022-10-02 time: 8:28:26.37 UTC ML= 1.7
 lat: 48.303N lon: 16.790E h= 3.4 km
 erh= 1.3km erz= 1.8km
 nr= 26 gap= 49 rms=0.65

Locality: Austria

Comments:

sta	dist	azm	phase	hr mn sec	res
ZST	26.1	117	PgU	8:28:31.16	0.09
			Sg	28:34.07	-0.66
MODS	37.0	78	Pg	8:28:32.86	-0.14
			Sg	28:37.26	-0.91
SMOL	52.8	64	Pg	8:28:36.26	0.45
WINA	57.6	248	Pg	8:28:37.18	0.51

Hypocenter Parameters

SOP	71.1	194	Sg	28:45.22	0.52
			Pg	8:28:39.18	0.10
			Sg	28:48.30	-0.69
RONA	76.6	209	Pg	8:28:40.29	0.23
			Sg	28:50.11	-0.62
CONA	80.7	239	Pg	8:28:41.05	0.25
			Sg	28:51.26	-0.79
KRUC	89.2	341	Pg	8:28:42.46	0.15
			Sg	28:53.77	-0.98
ABNA	108.3	292	Pg	8:28:45.48	-0.24
			Sg	28:59.97	-0.84
MPLH	138.0	156	Sn	8:29:05.98	-2.77*
ARSA	150.7	219	Pn	8:28:53.30	1.53
			Sn	29:10.36	-1.22
VYHS	153.0	82	Pn	8:28:53.36	1.31
			Sn	29:11.05	-1.03
MORC	172.9	19	Pn	8:28:54.54	0.01
			Sn	29:17.21	0.72
MOA	194.7	255	Pn	8:28:57.62	0.37
			Sn	29:20.59	-0.75

1588.

2022-10-02 time: 8:34:03.95 UTC ML= 1.7
lat: 48.302N lon: 16.823E h= 8.2 km
erh= 1.5km erz= 1.6km
nr= 26 gap= 48 rms=0.73
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZST	23.8	120	PgU	8:34:08.86	0.41		
			Sg	34:11.92	-0.04		
MODS	34.6	77	Pg	8:34:10.74	0.44		
			Sg	34:14.81	-0.44		
SMOL	50.6	62	Sg	8:34:19.16	-1.10		
WINA	59.8	249	Pg	8:34:14.96	0.23		
			Sg	34:23.03	-0.11		
SOP	71.6	196	Pg	8:34:17.20	0.39		
RONA	77.7	210	Pg	8:34:18.37	0.48		
			Sg	34:27.60	-1.17		
CONA	82.8	240	Pg	8:34:18.87	0.06		
			Sg	34:28.94	-1.45		
KRUC	90.2	340	Pg	8:34:20.37	0.25		
			Sg	34:31.17	-1.57		
EGYH	105.5	159	Sg	8:34:36.64	-0.94		
ABNA	110.6	292	Pn	8:34:23.25	-0.48		
			Sn	34:37.96	-1.19		
MPLH	136.8	157	Sn	8:34:44.16	-0.80		
VYHS	150.6	82	Pn	8:34:29.29	0.58		
			Sn	34:47.68	-0.34		
ARSA	152.2	220	Pn	8:34:30.78	1.87		
			Sn	34:48.07	-0.30		
MORC	172.3	18	Pn	8:34:32.47	1.06		
			Sn	34:52.92	0.09		
MOA	197.1	255	Pn	8:34:35.39	0.88		
			Sn	34:58.30	-0.04		

1589.

2022-10-02 time: 8:41:32.33 UTC ML= 1.9
lat: 48.322N lon: 16.771E h= 1.0 km
erh= 1.6km erz= 2.6km
nr= 21 gap= 71 rms=0.72
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZST	28.3	120	PgU	8:41:37.36	-0.03		
			Sg	41:40.45	-0.89		
MODS	37.9	81	Pg	8:41:39.12	0.01		
			Sg	41:43.42	-0.97		
SMOL	53.1	66	Sg	8:41:48.83	-0.38		
WINA	57.2	245	Pg	8:41:43.28	0.74		
			Sg	41:51.27	0.77		

Földrengés paraméterek

RONA	77.8	207	Pg	8:41:46.38	0.15
			Sg	41:55.21	-1.86
CONA	80.7	237	Pg	8:41:46.83	0.09
			Sg	41:57.23	-0.75
KRUC	86.8	341	Pg	8:41:48.56	0.73
			Sg	41:59.54	-0.37
ABNA	106.2	291	Pg	8:41:51.72	0.42
			Sg	42:05.04	-1.06
ARSA	151.5	218	Pn	8:41:59.39	1.27
			Sn	42:17.32	-0.92
VYHS	154.0	83	ePn	8:41:59.90	1.46
MORC	171.3	19	Sn	8:42:21.64	-0.99
MOA	193.9	254	Pn	8:42:02.97	-0.44
KOGS	212.1	191	Pn	8:42:05.72	0.04

1590.

2022-10-02 time: 8:54:49.51 UTC ML= 1.5
lat: 48.294N lon: 16.830E h= 15.7 km
erh= 2.7km erz= 2.6km
nr= 14 gap= 96 rms=0.65
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZST	22.9	118	Pg	8:54:54.60	0.12		
			Sg	54:57.50	-0.85		
MODS	34.3	75	Pg	8:54:56.40	0.15		
			Sg	55:00.63	-0.87		
WINA	60.0	250	Pg	8:55:00.93	0.34		
			Sg	55:08.92	-0.31		
RONA	77.2	211	P*	8:55:04.19	0.66		
			S*	55:13.58	-0.89		
CONA	82.8	241	P*	8:55:04.74	0.35		
			S*	55:14.83	-1.17		
KRUC	91.2	339	P*	8:55:06.42	0.75		
			S*	55:16.75	-1.52		
ABNA	111.5	292	Pn	8:55:08.98	0.54		
			Sn	55:22.81	-0.40		

1591.

2022-10-02 time: 9:10:08.78 UTC ML= 1.9
lat: 48.316N lon: 16.802E h= 8.7 km
erh= 1.5km erz= 1.7km
nr= 30 gap= 49 rms=0.78
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZST	26.0	121	PgU	9:10:13.57	-0.11		
			Sg	10:16.70	-0.80		
MODS	35.8	80	PgU	9:10:15.35	-0.02		
			Sg	10:19.71	-0.79		
SMOL	51.3	65	Pg	9:10:18.64	0.56		
			Sg	10:25.48	0.14		
WINA	58.9	247	Pg	9:10:19.57	0.15		
			Sg	10:27.73	0.01		
SOP	72.7	194	Pg	9:10:22.48	0.63		
			Sg	10:31.02	-1.03		
RONA	78.2	209	Pg	9:10:23.19	0.35		
			Sg	10:33.20	-0.61		
CONA	82.2	238	Pg	9:10:23.74	0.19		
			Sg	10:33.70	-1.36		
KRUC	88.2	340	Pg	9:10:24.84	0.24		
			Sg	10:35.95	-0.99		
EGYH	107.5	158	Pg	9:10:29.07	1.02		
			Sg	10:41.72	-1.36		
ABNA	108.6	291	P*	9:10:27.91	-0.32		
			S*	10:41.79	-1.61		
SRO	125.8	116	Sn	9:10:45.74	-1.49		
MPLH	138.9	157	Sn	9:10:49.26	-0.89		
VYHS	151.9	83	Pn	9:10:34.64	1.00		
ARSA	152.4	219	Pn	9:10:35.56	1.86		
			Sn	10:53.29	0.15		

Földrengés paraméterek

MORC	171.2	18	Sn	9:11:00.17	2.85
MOA	195.9	255	Pn	9:10:39.70	0.57
			Sn	11:02.79	-0.02
BIOA	246.1	254	Pn	9:10:45.16	-0.23
			Sn	11:13.95	0.01

1592.

2022-10-02	time:	9:10:34.34	UTC	ML= 2.0
lat:	48.287N	lon:	16.826E	h= 7.4 km
				erh= 2.0km erz= 2.2km
nr=	17	gap=	99	rms=0.76
Locality: Austria				
Comments:				

sta	dist	azm	phase	hr mn	sec	res
ZST	22.9	116	PgU	9:10:39.11	0.47	
			Sg	10:41.69	-0.30	
MODS	34.8	74	Pg	9:10:40.90	0.21	
			Sg	10:45.20	-0.44	
SMOL	51.2	61	Pg	9:10:44.08	0.50	
			Sg	10:50.84	0.05	
RONA	76.4	211	Pg	9:10:48.37	0.32	
			Sg	10:57.40	-1.34	
CONA	82.2	241	Pg	9:10:49.59	0.51	
			Sg	10:59.11	-1.47	
KRUC	91.8	340	Pg	9:10:50.69	-0.09	
			Sg	11:01.88	-1.73	
MPLH	135.3	157	Sn	9:11:13.99	-1.20	
VYHS	150.6	81	Sn	9:11:18.31	-0.29	
ARSA	151.1	220	Pn	9:11:01.17	1.90	
			Sn	11:18.49	-0.22	
MORC	173.7	18	Sn	9:11:23.92	0.20	

1593.

2022-10-02	time:	12:23:57.74	UTC	ML= 1.1
lat:	48.393N	lon:	16.854E	h= 0.7 km
				erh= 1.6km erz= 129km
nr=	6	gap=	118	rms=0.21
Locality: Austria				
Comments:				

sta	dist	azm	phase	hr mn	sec	res
ZST	28.6	140	Sg	12:24:06.83	-0.02	
MODS	31.4	94	Pg	12:24:03.31	-0.04	
			Sg	24:07.67	-0.06	
KRUC	81.7	336	Pg	12:24:12.62	0.30	
			Sg	24:23.22	-0.48	
CONA	90.2	235	Sg	12:24:26.35	-0.05	

1594.

2022-10-02	time:	12:25:20.58	UTC	ML= 1.5
lat:	48.416N	lon:	16.851E	h= 10.0 km
				erh= 2.2km erz= 3.8km
nr=	13	gap=	123	rms=0.68
Locality: Austria				
Comments:				

sta	dist	azm	phase	hr mn	sec	res
ZST	30.8	143	Sg	12:25:30.28	-0.59	
MODS	32.0	98	PgU	12:25:26.91	0.35	
			Sg	25:30.29	-0.94	
WINA	67.2	239	Pg	12:25:33.10	0.40	
			Sg	25:41.59	-0.57	
KRUC	79.2	335	Pg	12:25:35.48	0.64	
			Sg	25:45.34	-0.63	
RONA	89.7	207	Pg	12:25:37.30	0.60	
			Sg	25:48.64	-0.64	
CONA	91.4	234	Pg	12:25:37.73	0.73	
			Sg	25:48.83	-0.97	
ABNA	108.4	285	Pn	12:25:39.88	0.03	
			Sn	25:53.13	-1.76	

Hypocenter Parameters

1595.

2022-10-02	time:	12:32:57.85	UTC	ML= 1.7
lat:	48.411N	lon:	16.854E	h= 8.0 km
				erh= 0.9km erz= 1.1km
nr=	25	gap=	57	rms=0.44
Locality: Austria				
Comments:				

sta	dist	azm	phase	hr mn	sec	res
ZST	30.2	142	Pg	12:33:03.59	0.17	
			Sg	33:07.52	-0.26	
MODS	31.6	98	Pg	12:33:03.92	0.25	
			Sg	33:07.70	-0.51	
SMOL	44.0	75	Sg	12:33:11.98	-0.08	
WINA	67.1	240	Pg	12:33:09.94	0.02	
			Sg	33:19.13	-0.20	
KRUC	79.8	335	Pg	12:33:12.69	0.52	
			Sg	33:22.78	-0.57	
SOP	83.9	195	Sg	12:33:24.34	-0.30	
RONA	89.4	208	Pg	12:33:14.30	0.43	
			Sg	33:25.56	-0.82	
CONA	91.3	234	Pg	12:33:14.55	0.34	
			Sg	33:26.25	-0.73	
ABNA	108.8	285	Pg	12:33:17.32	-0.01	
			Sg	33:31.01	-1.52	
VYHS	146.9	86	ePn	12:33:22.00	-0.17	
			eSn	33:40.70	-0.45	
MPLH	147.3	160	Pn	12:33:22.18	-0.04	
			Sn	33:41.33	0.11	
MORC	160.0	18	Pn	12:33:24.03	0.23	
			Sn	33:43.20	-0.85	
PKSG	161.4	135	Pn	12:33:24.18	0.20	
ARSA	163.1	218	Pn	12:33:25.87	1.68	
			Sn	33:45.00	0.26	

1596.

2022-10-02	time:	17:06:01.34	UTC	ML= 1.6
lat:	48.283N	lon:	16.804E	h= 13.9 km
				erh= 2.2km erz= 2.0km
nr=	13	gap=	93	rms=0.60
Locality: Austria				
Comments:				

sta	dist	azm	phase	hr mn	sec	res
ZST	24.2	113	Pg	17:06:06.66	0.34	
			Sg	06:09.87	-0.34	
MODS	36.5	74	Pg	17:06:08.30	-0.02	
			Sg	06:13.16	-0.60	
WINA	57.7	250	Pg	17:06:12.70	0.76	
			Sg	06:19.60	-0.61	
CONA	80.5	241	Pg	17:06:15.87	-0.05	
			Sg	06:26.72	-0.58	
KRUC	91.7	341	P*	17:06:18.48	0.75	
			S*	06:29.51	-1.00	
EGYH	104.0	158	Sn	17:06:33.50	-0.28	
ABNA	110.1	293	Pn	17:06:21.09	0.77	
			Sn	06:34.05	-1.08	

1597.

2022-10-03	time:	6:26:54.85	UTC	ML= 1.4
lat:	48.537N	lon:	17.597E	h= 0.0 km
				erh= 3.9km erz= 5.4km
nr=	7	gap=	150	rms=0.65
Locality: Slovakia				
Comments: probably explosion				

sta	dist	azm	phase	hr mn	sec	res
SMOL	12.7	258	Pg	6:26:56.94	-0.18	
			Sg	26:58.04	-0.85	
MODS	29.8	232	Pg	6:27:01.17	1.00	
			Sg	27:04.22	-0.11	
VYHS	91.7	93	Sg	6:27:23.71	-0.28	

Hypocenter Parameters

KRUC 105.9 303 Sg 6:27:28.95 0.45
 CONA 145.6 242 Sn 6:27:38.65 -1.04

1598.

2022-10-03 time: 7:53:28.61 UTC ML= 2.0
 lat: 48.529N lon: 17.402E h= 0.0 km
 erh= 1.7km erz= 4.6km
 nr= 9 gap=183 rms=0.44
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	2.6	131	PgU	7:53:	28.70		-0.38
			Sg	53:	29.47		0.02
MODS	19.6	208	Pg	7:53:	32.15		0.03
			Sg	53:	34.96		0.11
ZST	43.2	211	Pg	7:53:	36.41		0.08
			Sg	53:	42.56		0.21
KRUC	94.7	309	Pg	7:53:	46.23		0.70
			Sg	53:	58.05		-0.68
CONA	132.5	240	Sn	7:54:	09.07		-1.48

1599.

2022-10-03 time: 9:03:49.57 UTC ML= 1.5
 lat: 47.831N lon: 19.009E h= 0.0 km
 erh= 2.9km erz= 5.3km
 nr= 7 gap=121 rms=0.57
 Locality: Kismaros
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	20.9	103	Pg	9:03:	54.00		0.69
			Sg	03:	56.19		-0.03
PSZ	66.9	82	Pg	9:04:	01.75		0.22
			Sg	04:	09.33		-1.52
PKSG	67.5	224	Sg	9:04:	10.90		-0.11
VYHS	74.8	350	Sg	9:04:	13.09		-0.26
MPLH	132.9	236	Sn	9:04:	31.09		-0.50

1600.

2022-10-04 time: 6:49:52.59 UTC ML= 1.9
 lat: 46.028N lon: 22.712E h= 0.0 km
 erh= 3.4km erz= 5.3km
 nr= 6 gap=228 rms=0.39
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	21.9	137	Pg	6:49:	56.87		0.37
			Sg	49:	59.30		-0.25
GZR	70.8	176	Sg	6:50:	15.11		0.03
BZS	96.7	242	Sg	6:50:	23.09		-0.23
VOIR	193.4	110	Pn	6:50:	23.64		-0.10
			Sn	50:	45.16		-2.88

1601.

2022-10-04 time: 6:59:28.78 UTC ML= 1.8
 lat: 48.452N lon: 17.437E h= 0.0 km
 erh= 3.7km erz= 411km
 nr= 8 gap=227 rms=0.30
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	6.9	355	Pg	6:59:	29.76		-0.24
			Sg	59:	30.62		-0.33
MODS	14.7	234	Pg	6:59:	31.56		0.15
			Sg	59:	33.26		-0.20
ZST	37.8	221	Pg	6:59:	35.95		0.42
			Sg	59:	39.75		-1.04

Földrengés paraméterek

KRUC 102.3 311 Pg 6:59:47.22 0.18
 RONA 119.3 225 Pg 6:59:50.05 -0.03

1602.

2022-10-04 time: 7:14:29.01 UTC ML= 1.8
 lat: 47.282N lon: 17.685E h= 0.0 km
 erh= 2.0km erz= 2.5km
 nr= 23 gap= 78 rms=0.92
 Locality: Bakonykoppány
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	16.6	222	Pg	7:14:	32.03		0.06
			Sg	14:	34.11		-0.17
PKST	26.6	95	Pg	7:14:	34.22		0.46
			Sg	14:	38.80		1.34
EGYH	30.6	299	Pg	7:14:	34.81		0.33
			Sg	14:	38.53		-0.22
CSKK	44.5	78	Sg	7:14:	43.50		0.36
TIH	45.3	160	Sg	7:14:	42.48		-0.92
PKSG	54.7	77	Sg	7:14:	46.94		0.53
SRO	75.7	39	Pg	7:14:	42.56		0.03
			Sg	14:	52.57		-0.51
BUD	103.6	77	Sg	7:15:	00.24		-1.70
MODS	125.2	346	Sg	7:15:	03.92		-4.88*
PENC	132.9	65	Pn	7:14:	52.26		-0.35
			Sn	15:	09.87		-1.15
KOVH	136.4	167	Pn	7:14:	53.67		0.62
			Sn	15:	09.79		-2.02
MORH	139.3	148	Pn	7:14:	54.30		0.88
			Sn	15:	10.34		-2.12
PKSM	139.6	148	Pn	7:14:	54.45		1.00
			Sn	15:	12.06		-0.45
VYHS	160.0	33	Pn	7:14:	57.35		1.36
			Sn	15:	14.96		-2.07

1603.

2022-10-04 time: 7:31:58.15 UTC ML= 1.2
 lat: 46.121N lon: 18.037E h= 0.0 km
 erh= 0.9km erz= 126km
 nr= 8 gap=290 rms=0.09
 Locality: Bükkösőd
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	6.1	127	PgU	7:31:	59.27		0.04
			Sg	32:	00.22		0.14
PKSV	30.8	147	Pg	7:32:	03.61		-0.03
			Sg	32:	07.76		-0.16
PKSM	47.8	78	Pg	7:32:	06.79		0.12
			Sg	32:	13.32		-0.01
MORH	48.1	77	Pg	7:32:	06.67		-0.06
			Sg	32:	13.32		-0.10

1604.

2022-10-04 time: 9:22:30.07 UTC ML= 1.2
 lat: 47.904N lon: 16.057E h= 0.0 km
 erh= 1.9km erz= 3.1km
 nr= 8 gap=139 rms=0.63
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	14.8	281	Pg	9:22:	33.32		0.60
			Sg	22:	34.40		-0.39
RONA	28.9	142	Pg	9:22:	34.84		-0.40
			Sg	22:	38.78		-0.49
MODS	104.8	60	Pg	9:22:	49.78		0.99
SMOL	122.5	56	Sg	9:23:	09.27		0.26
KRUC	131.2	11	Pn	9:22:	53.01		-0.46
			Sn	23:	10.71		-1.00

Földrengés paraméterek

1605.

2022-10-04 time: 9:33:01.73 UTC ML= 0.7
 lat: 47.177N lon: 18.260E h= 0.0 km
 erh= 2.3km erz= 588km
 nr= 7 gap=142 rms=0.39
 Locality: Sárkeszi
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	19.4	298	Pg	9:33:05.42			0.23
			Sg	33:07.96			0.07
CSKK	20.7	0	Pg	9:33:05.11			-0.31
			Sg	33:07.73			-0.58
PKSG	25.9	22	Pg	9:33:06.95			0.61
			Sg	33:09.84			-0.10
PKSM	111.2	165	Sg	9:33:36.65			-0.42

1606.

2022-10-04 time: 9:55:21.20 UTC ML= 1.0
 lat: 47.315N lon: 18.435E h= 0.0 km
 erh= 2.5km erz= 841km
 nr= 9 gap=114 rms=0.64
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	9.2	338	Pg	9:55:23.49			0.65
			Sg	55:23.71			-0.41
CSKK	14.3	292	Pg	9:55:23.67			-0.08
			Sg	55:24.70			-1.04
PKST	31.0	258	Pg	9:55:27.68			0.94
			Sg	55:30.93			-0.12
MORH	123.2	173	Sg	9:55:59.80			-0.58
PKSM	123.7	173	Sg	9:56:00.35			-0.16
PSZ	128.6	59	Sg	9:56:01.13			-0.94

1607.

2022-10-04 time: 10:57:56.91 UTC ML= 1.1
 lat: 48.444N lon: 19.550E h= 0.0 km
 erh= 4.5km erz= ***km
 nr= 6 gap=170 rms=0.59
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	53.1	276	Pg	10:58:06.55			0.16
			Sg	58:13.13			-0.65
PSZ	63.8	156	Sg	10:58:17.35			0.15
KECS	69.4	86	Pg	10:58:09.92			0.62
			Sg	58:18.76			-0.20
ABAH	126.3	97	Sg	10:58:35.47			-1.58

1608.

2022-10-04 time: 15:41:08.70 UTC ML= 2.7
 lat: 45.503N lon: 16.122E h= 0.1 km
 erh= 1.5km erz= 1.6km
 nr= 47 gap=135 rms=0.76
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZAG	37.6	345	Pg	15:41:15.76			0.35
			Sg	41:22.28			1.63
PTJ	45.9	344	Pg	15:41:17.49			0.58
			Sg	41:23.96			0.66
GCIS	55.9	316	iPg	15:41:19.36			0.67
			iSg	41:27.00			0.53
R93E	60.8	101	Pg	15:41:19.47			-0.09
			Sg	41:27.82			-0.22
CRES	63.1	305	Pg	15:41:19.70			-0.27

Hypocenter Parameters

			Sg	41:27.79	-0.96
BOJS	68.1	270	iPg	15:41:20.80	-0.06
LEGS	79.9	308	iPg	15:41:22.99	0.02
RCF6	93.1	352	Pg	15:41:25.99	0.65
			Sg	41:37.22	-1.09
VISS	105.4	288	ePg	15:41:27.42	-0.11
			iSg	41:41.61	-0.61
KOGS	105.5	5	Pg	15:41:27.54	0.00
			Sg	41:41.39	-0.85
PDKS	107.2	305	iPg	15:41:27.61	-0.24
			eSg	41:41.68	-1.11
GROS	116.8	336	Pg	15:41:29.59	0.02
			Sg	41:43.79	-2.05
BLY	118.3	135	Pg	15:41:28.86	-0.97
			Sg	41:43.17	-3.14
BEHE	118.8	25	Pg	15:41:29.65	-0.27
			Sg	41:45.48	-0.99
PERS	148.0	328	Pn	15:41:33.51	-0.67
			Sn	41:51.10	-2.96
SOKA	155.4	327	Pn	15:41:35.60	0.49
			Sn	41:55.48	-0.22
KOVH	166.9	67	Pn	15:41:37.79	1.25
			Sn	41:56.39	-1.87
PKSV	171.3	76	Pn	15:41:38.49	1.40
			Sn	41:57.55	-1.68
ROB8	173.1	283	Pn	15:41:37.74	0.42
			Sn	41:59.50	-0.13
TRI	185.4	277	Pn	15:41:39.88	1.03
			Sn	42:02.18	-0.18
ARSA	199.6	347	Sn	15:42:05.82	0.31
TIH	206.8	41	Sn	15:42:11.35	4.24*
PKSM	210.9	68	Pn	15:41:42.65	0.63
			Sn	42:08.53	0.52
MORH	211.3	68	Pn	15:41:42.55	0.48
			Sn	42:08.34	0.25
MPLH	215.0	30	Pn	15:41:41.81	-0.73
PKB4	221.7	60	Pn	15:41:44.26	0.89
			Sn	42:14.02	3.62*
RONA	244.5	3	Pn	15:41:46.35	0.13

1609.

				2022-10-05 time: 8:21:34.52 UTC ML= 1.7
				lat: 48.572N lon: 20.378E h= 0.0 km
				erh= 4.2km erz= 8.3km
				nr= 9 gap=154 rms=0.81
				Locality: Slovakia
				Comments: probably explosion

			sta	dist	azm	phase	hr	mn	sec	res
KECS	12.7	141	Pg	8:21:36.62			-0.17			
			Sg	21:37.29			-1.27			
PSZ	81.1	206	Pg	8:21:49.81			0.81			
			Sg	21:59.67			-0.63			
LANS	92.7	314	PgU	8:21:51.74			0.66			
			Sg	22:02.96			-1.03			
VYHS	114.2	266	Pg	8:21:55.76			0.84			
			Sg	22:09.50			-1.32			
OJC	188.0	347	Sn	8:22:28.43			-0.33			

1610.

				2022-10-05 time: 8:54:59.94 UTC ML= 1.2
				lat: 48.037N lon: 20.338E h= 0.0 km
				erh= 5.9km erz= ***km
				nr= 7 gap=181 rms=0.90
				Locality: Mónosbél
				Comments: probably explosion

			sta	dist	azm	phase	hr	mn	sec	res
PSZ	35.7	248	Pg	8:55:05.89			-0.43			
			Sg	55:12.46			1.17			
KECS	50.8	12	Pg	8:55:09.49			0.48			
			Sg	55:16.06			-0.02			
ABAH	72.9	67	Pg	8:55:13.50			0.53			

Hypocenter Parameters

VYHS 122.6 294 Sg 55:22.17 -0.96
VYHS 122.6 294 Sg 8:55:35.88 -3.02

1611.

2022-10-05 time: 9:00:57.69 UTC ML= 1.2
lat: 46.174N lon: 18.295E h= 0.0 km
erh= 1.1km erz= 190km
nr= 7 gap=202 rms=0.13
Locality: Zobákpuszta
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	17.8	238	Pg	9:01:00.93			0.06
			Sg	01:03.07			-0.28
PKSM	27.1	81	Pg	9:01:02.60			0.08
			Sg	01:06.36			0.06
MORH	27.4	80	Pg	9:01:02.61			0.03
			Sg	01:06.10			-0.29
PKSV	31.9	186	Sg	9:01:07.85			0.03

1612.

2022-10-05 time: 10:00:11.10 UTC ML= 1.7
lat: 48.126N lon: 16.904E h= 0.0 km
erh= 2.2km erz= 552km
nr= 8 gap=162 rms=0.40
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ZST	16.7	62	Pg	10:00:14.42			0.35
			Sg	00:16.30			-0.09
MODS	39.0	45	Pg	10:00:18.13			0.06
			Sg	00:22.75			-0.75
RONA	65.7	224	Pg	10:00:23.06			0.23
			Sg	00:31.17			-0.81
CONA	80.8	254	Sg	10:00:37.23			0.44
KRUC	110.6	340	Sg	10:00:45.91			-0.34

1613.

2022-10-05 time: 10:41:03.15 UTC ML= 1.9
lat: 46.949N lon: 22.824E h= 0.0 km
erh= 3.7km erz= 3.8km
nr= 11 gap=123 rms=0.93
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	19.5	206	Pg	10:41:07.21			0.58
			Sg	41:09.01			-0.33
CJR	64.6	114	Pg	10:41:15.35			0.66
			Sg	41:22.79			-0.91
TRPA	133.1	351	Sn	10:41:43.13			-2.08
GZR	173.0	181	Pn	10:41:32.73			0.98
			Sn	41:52.60			-1.46
BZS	174.9	212	Pn	10:41:32.57			0.58
			Sn	41:52.76			-1.73
ABAH	191.3	322	Sn	10:41:58.14			0.00
VOIR	240.4	134	Sn	10:42:08.73			-0.29

1614.

2022-10-05 time: 11:24:26.60 UTC ML= 0.7
lat: 47.947N lon: 16.137E h= 0.0 km
erh= 0.8km erz= 187km
nr= 5 gap=148 rms=0.09
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	20.7	264	Pg	11:24:30.18			-0.12
			Sg	24:33.31			0.13

Földrengés paraméterek

RONA	30.0	157	Pg	11:24:31.98	0.02
			Sg	24:36.13	-0.01
KRUC	125.4	9	Sg	11:25:06.53	0.08

1615.

2022-10-05 time: 12:07:47.89 UTC ML= 1.2
lat: 48.609N lon: 20.821E h= 0.0 km
erh= 5.0km erz= ***km
nr= 7 gap=161 rms=0.94
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	28.5	240	Pg	12:07:53.58			0.60
			Sg	07:56.47			-0.48
ABAH	46.6	138	Pg	12:07:57.33			1.12
			Sg	08:01.83			-0.87
NIE	97.4	338	Sg	12:08:17.17			-1.68
PSZ	103.1	222	Sg	12:08:19.29			-1.39
LANS	116.1	301	Pg	12:08:09.00			0.38

1616.

2022-10-06 time: 8:58:22.29 UTC ML= 1.6
lat: 45.524N lon: 18.045E h= 0.0 km
erh= 3.1km erz= 288km
nr= 7 gap=333 rms=0.19
Locality: Croatia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	43.6	22	Pg	8:58:30.33			0.25
			Sg	58:36.30			0.15
KOVH	62.9	4	Pg	8:58:33.27			-0.24
			Sg	58:42.36			0.09
PKSM	89.4	31	Pg	8:58:38.24			-0.01
			Sg	58:50.34			-0.36
MORH	89.9	31	Pg	8:58:38.37			0.03

1617.

2022-10-06 time: 10:35:47.88 UTC ML= 1.2
lat: 47.592N lon: 18.355E h= 0.0 km
erh= 4.9km erz= ***km
nr= 7 gap=153 rms=0.71
Locality: Vértesszőlős
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	22.4	173	Pg	10:35:51.92			0.03
			Sg	35:53.87			-1.14
CSKK	26.4	196	Pg	10:35:53.01			0.41
			Sg	35:55.75			-0.53
VYHS	106.5	20	Pg	10:36:07.80			0.90
			Sg	36:20.40			-1.33
MODS	118.4	317	Sg	10:36:25.65			0.13

1618.

2022-10-06 time: 10:42:48.02 UTC ML= 1.9
lat: 48.999N lon: 18.294E h= 0.0 km
erh= 2.3km erz= 2.6km
nr= 16 gap= 83 rms=0.93
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	68.9	145	Pg	10:43:01.42			1.11
			Sg	43:07.77			-2.13
SMOL	83.4	230	Sg	10:43:15.05			0.52
LANS	87.4	79	Pg	10:43:05.02			1.40
			Sg	43:14.10			-1.70
MODS	102.2	227	Sg	10:43:20.02			-0.47

Földrengés paraméterek

Hypocenter Parameters

MORC	102.3	328	Pg	10:43:06.71	0.43
			Sg	43:20.17	-0.36
KRUC	139.0	273	Sn	10:43:30.35	-1.05
NIE	154.4	72	Pn	10:43:14.73	0.43
			Sn	43:34.68	-0.12
KRLC	162.2	318	Pn	10:43:14.88	-0.40
			Sn	43:35.93	-0.61
PSZ	168.7	135	Sn	10:43:37.42	-0.55
KECS	171.1	110	Sn	10:43:38.21	-0.30
OJC	173.9	39	Sn	10:43:38.36	-0.78

1619.

2022-10-07 time: 5:08:09.20 UTC ML= 1.7
lat: 46.327N lon: 19.736E h= 13.8 km
erh= 1.7km erz= 0.9km
nr= 15 gap=252 rms=0.30
Locality: Pusztamérge
Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKS6	33.1	336	Pg	5:08:15.62	0.02		
			Sg	08:20.57	-0.02		
PKB3	43.0	284	Sg	5:08:24.22	0.65		
PKSN	64.2	9	Sg	5:08:29.52	-0.55		
PKB5	82.4	291	Pg	5:08:24.52	0.39		
			Sg	08:35.87	0.10		
MORH	85.1	262	Pg	5:08:24.41	-0.19		
			Sg	08:36.09	-0.51		
PKSM	85.4	261	P*	5:08:24.37	-0.27		
			S*	08:36.53	-0.16		
PKB1	88.5	305	P*	5:08:25.61	0.50		
			S*	08:37.52	0.00		
PKB4	89.1	282	P*	5:08:25.15	-0.06		
			S*	08:37.58	-0.11		
PKS7	91.4	331	S*	5:08:38.28	-0.03		

1620.

2022-10-07 time: 8:10:57.19 UTC ML= 1.4
lat: 48.574N lon: 20.805E h= 0.0 km
erh= 3.8km erz= ***km
nr= 8 gap= 92 rms=0.96
Locality: Tornanádaska
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	25.7	247	Pg	8:11:02.48	0.70		
			Sg	11:05.77	0.42		
ABAH	44.6	134	Pg	8:11:05.77	0.62		
			Sg	11:10.93	-0.43		
PSZ	99.5	223	Sg	8:11:27.45	-1.35		
NIE	100.6	339	Pg	8:11:15.94	0.78		
			Sg	11:27.37	-1.80		
KOLS	115.1	70	Sg	8:11:32.30	-1.47		

1621.

2022-10-07 time: 8:40:04.65 UTC ML= 1.9
lat: 48.420N lon: 17.279E h= 0.0 km
erh= 1.9km erz= 492km
nr= 10 gap= 96 rms=0.38
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	5.2	182	PgU	8:40:05.73	0.16		
			Sg	40:07.21	0.92		
SMOL	15.2	47	Pg	8:40:07.29	-0.07		
			Sg	40:09.68	0.20		
ZST	28.1	208	Pg	8:40:09.21	-0.46		
			Sg	40:13.24	-0.35		
KRUC	96.6	318	Pg	8:40:22.08	0.19		
RONA	108.6	222	Pg	8:40:24.17	0.14		
			Sg	40:38.79	-0.37		

VYHS 115.4 86 Sg 8:40:39.38 -1.96

1622.

2022-10-07 time: 10:00:31.73 UTC ML= 1.9
lat: 48.182N lon: 16.847E h= 0.0 km
erh= 4.6km erz= 3.9km
nr= 9 gap=167 rms=0.54
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ZST	19.1	85	Pg	10:00:35.32	0.18		
			Sg	00:37.04	-0.76		
MODS	38.4	56	Pg	10:00:38.76	0.16		
			Sg	00:43.93	-0.02		
RONA	67.5	217	Pg	10:00:44.46	0.66		
			Sg	00:52.53	-0.67		
CONA	78.6	249	Sg	10:00:55.66	-1.07		
ARSA	143.5	224	Pn	10:00:57.14	0.48		
			Sn	01:15.53	-0.56		

1623.

2022-10-08 time: 7:27:44.49 UTC ML= 1.5
lat: 45.784N lon: 17.583E h= 19.2 km
erh= 2.0km erz= 2.4km
nr= 8 gap=314 rms=0.08
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOVH	52.5	50	P*	7:27:54.56	0.14		
			S*	28:02.02	-0.15		
PKSV	53.3	77	S*	7:28:02.43	0.05		
PKSM	94.8	60	P*	7:28:00.83	-0.03		
			S*	28:13.66	0.03		
MORH	95.2	60	P*	7:28:00.83	-0.10		
			S*	28:13.79	0.04		
PKS9	104.2	31	Pn	7:28:02.08	0.01		

1624.

2022-10-09 time: 2:45:10.90 UTC ML= 1.0
lat: 45.533N lon: 21.487E h= 7.0 km
erh= 2.3km erz= 3.2km
nr= 12 gap=166 rms=0.59
Locality: Romania
Comments:

sta	dist	azm	phase	hr	mn	sec	res
BZS	13.7	47	PgD	2:45:13.48	-0.17		
			Sg	45:16.30	0.51		
BANR	32.2	239	Sg	2:45:20.45	-0.93		
SURR	55.4	64	PgC	2:45:20.53	-0.35		
			Sg	45:27.80	-0.86		
MDVR	85.4	168	PgD	2:45:27.22	1.01		
			Sg	45:37.90	-0.24		
GZR	102.0	99	Pg	2:45:29.37	0.20		
			Sg	45:42.83	-0.58		
HERR	102.8	135	PgD	2:45:30.27	0.96		
			Sg	45:43.60	-0.07		
MARR	179.0	45	Sn	2:46:01.30	-0.27		

1625.

2022-10-10 time: 8:08:35.09 UTC ML= 1.1
lat: 47.276N lon: 17.679E h= 0.0 km
erh= 0.5km erz= 143km
nr= 8 gap=136 rms=0.10
Locality: Bakonykoppány
Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
MPLH	15.8	222	Pg	8:08:37.89		-0.03	
			Sg	08:40.25		0.13	
PKST	26.9	94	Pg	8:08:40.06		0.16	
			Sg	08:43.74		0.09	
EGYH	30.6	301	Sg	8:08:44.83		0.02	
PKSG	55.3	77	Pg	8:08:44.89		-0.07	
			Sg	08:52.53		-0.14	
PKB4	111.7	141	Pg	8:08:54.93		-0.11	

1626.

2022-10-10 time: 8:52:45.23 UTC ML= 1.5
lat: 47.756N lon: 19.946E h= 0.0 km
erh= 9.5km erz= ***km
nr= 5 gap=225 rms=0.53
Locality: Gyöngyöshalász
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	18.5	348	Pg	8:52:48.90		0.36	
			Sg	52:50.50		-0.62	
PENC	50.0	274	Sg	8:53:01.66		0.55	
KECS	90.3	26	Sg	8:53:14.02		0.07	
PKSG	123.8	251	Sg	8:53:23.65		-0.94	

1627.

2022-10-10 time: 11:46:04.98 UTC ML= 1.7
lat: 47.881N lon: 16.076E h= 0.0 km
erh= 1.6km erz= 3.1km
nr= 8 gap=148 rms=0.50
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	16.8	288	Pg	11:46:08.03		0.04	
			Sg	46:10.22		-0.11	
RONA	26.1	141	Pg	11:46:09.91		0.28	
			Sg	46:12.45		-0.81	
MODS	104.9	59	Pg	11:46:24.00		0.28	
			Sg	46:39.14		0.81	
KRUC	133.4	10	Pn	11:46:28.26		-0.39	
			Sn	46:44.77		-2.35	

1628.

2022-10-10 time: 12:19:42.29 UTC ML= 1.6
lat: 45.614N lon: 21.421E h= 16.7 km
erh= 2.2km erz= 0.5km
nr= 5 gap=228 rms=0.18
Locality: Romania
Comments:

sta	dist	azm	phase	hr	mn	sec	res
BZS	15.2	89	Pg	12:19:46.43		0.10	
			Sg	19:49.33		-0.15	
BANR	34.1	221	Pg	12:19:49.25		0.18	
			Sg	19:54.02		-0.33	
GZR	108.7	103	Sn	12:20:15.00		-0.14	

1629.

2022-10-10 time: 19:04:03.81 UTC ML= 0.4
lat: 47.388N lon: 18.152E h= 9.2 km
erh= 0.9km erz= 0.8km
nr= 7 gap=237 rms=0.06
Locality: Nagyveleg
Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	8.7	109	Pg	19:04:06.02		-0.05	
			Sg	04:07.79		-0.04	
PKST	16.9	212	PgD	19:04:07.21		-0.03	

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	Sg	04:10.06	0.15
PKSG	18.1	89	Pg	19:04:07.48		0.05	Sg	04:10.22	-0.03
TIH	57.7	200	Sg	19:04:22.35		-0.03	Sg	19:04:22.35	-0.03

1630.

2022-10-11 time: 8:06:00.01 UTC ML= 1.6
lat: 48.964N lon: 21.038E h= 0.0 km
erh= 4.9km erz= 4.7km
nr= 6 gap=235 rms=0.49
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res		
KECS	67.2	217	Sg	8:06:21.68		0.32	Sg	06:29.00	0.20
ABAH	75.8	169	Pg	8:06:14.12		0.58	Sg	06:23.29	-0.81
KOLS	90.6	92	Pg	8:06:15.97		-0.21	Sg	06:29.00	0.20
PSZ	143.8	216	Sn	8:06:43.79		-0.65	Sg	06:29.00	0.20

1631.

2022-10-11 time: 8:28:23.24 UTC ML= 1.9
lat: 48.511N lon: 17.453E h= 0.0 km
erh= 1.8km erz= 4.8km
nr= 11 gap=143 rms=0.53
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res		
SMOL	1.8	279	PgU	8:28:23.48		-0.09	Sg	28:23.93	0.11
MODS	20.1	220	Pg	8:28:27.41		0.58	Sg	28:29.33	-0.30
ZST	43.6	217	Pg	8:28:31.09		0.06	Sg	28:36.92	-0.19
KRUC	98.9	308	Pg	8:28:41.30		0.39	Sg	28:53.47	-1.22
VYHS	102.2	91	Sg	8:28:55.00		-0.74	Pg	8:28:46.00	0.48
RONA	124.8	224	Pg	8:28:46.00		0.48	Sn	8:29:04.04	-1.65
CONA	134.9	241	Sn	8:29:04.04		-1.65	Sg	28:29.33	0.11

1632.

2022-10-11 time: 9:00:27.26 UTC ML= 1.3
lat: 47.950N lon: 16.095E h= 0.0 km
erh= 1.7km erz= 4.7km
nr= 8 gap=108 rms=0.57
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res		
CONA	17.6	262	Pg	9:00:30.63		0.23	Sg	00:32.72	-0.12
RONA	31.7	152	Pg	9:00:33.33		0.41	Sg	00:37.32	-0.01
MODS	99.8	62	Sg	9:00:59.15		0.17	Pg	9:00:49.84	0.16
KRUC	125.6	10	Pg	9:00:49.84		0.16	Sg	01:05.57	-1.60
KOGS	167.4	176	Sn	9:01:15.19		-1.75	Sg	01:05.57	-1.60

1633.

2022-10-11 time: 9:16:00.75 UTC ML= 0.7
lat: 47.220N lon: 18.278E h= 0.0 km
erh= 1.0km erz= 252km
nr= 7 gap=142 rms=0.16
Locality: Iszkaszentgyörgy
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res		
CSKK	16.0	355	Pg	9:16:03.74		0.14	Sg	04:10.22	-0.03

Földrengés paraméterek

Hypocenter Parameters

		Sg	16:05.89	0.06
PKST	19.0	283	Pg	9:16:03.90
				-0.24
		Sg	16:06.99	0.21
PKSG	20.9	24	Pg	9:16:04.29
				-0.19
		Sg	16:07.50	0.10
PKSM	115.4	166	Pg	9:16:21.46
				0.10

1634.

2022-10-11 time: 9:30:00.62 UTC ML= 1.9
lat: 48.423N lon: 17.260E h= 0.0 km
erh= 2.1km erz= 2.6km
nr= 15 gap=106 rms=0.90
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	5.6	167	Pg	9:30:02.21	0.59		
			Sg	30:03.54	1.15		
SMOL	16.0	51	Pg	9:30:04.25	0.77		
			Sg	30:07.22	1.50		
ZST	27.8	205	Sg	9:30:09.96	0.51		
KRUC	95.4	318	Pg	9:30:17.63	-0.02		
			Sg	30:30.46	-0.48		
SOP	97.5	212	Sg	9:30:30.59	-1.01		
VYHS	116.8	86	Pg	9:30:21.98	0.50		
			Sg	30:35.99	-1.76		
MPLH	140.8	171	Sn	9:30:42.88	-1.51		
PKST	141.8	156	Pn	9:30:25.27	-0.06		
			Sn	30:42.64	-1.96		
MORC	152.0	8	Pn	9:30:26.83	0.23		
			Sn	30:45.62	-1.25		

1635.

2022-10-11 time: 9:35:24.49 UTC ML= 1.8
lat: 47.704N lon: 19.031E h= 0.0 km
erh= 3.4km erz= 5.8km
nr= 10 gap=114 rms=0.95
Locality: Leányfalu
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	21.1	63	Pg	9:35:29.10	0.85		
			Sg	35:31.25	0.07		
SF5A	33.1	126	Pg	9:35:31.84	1.44		
PKSG	59.5	234	Sg	9:35:43.46	0.07		
PSZ	68.9	70	Pg	9:35:36.41	-0.37		
			Sg	35:45.33	-1.05		
CSKK	69.4	237	Sg	9:35:44.95	-1.58		
VYHS	89.0	351	Pg	9:35:40.88	0.50		
			Sg	35:51.44	-1.33		
KECS	138.7	51	Sn	9:36:06.70	-1.08		

1636.

2022-10-11 time: 16:05:18.28 UTC ML= 1.1
lat: 47.827N lon: 19.130E h= 0.0 km
erh= 3.9km erz= ***km
nr= 6 gap=122 rms=0.65
Locality: Szendehely
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	12.1	110	PgU	16:05:21.30	0.86		
			Sg	05:22.16	0.04		
PSZ	58.1	80	Pg	16:05:28.74	0.08		
			Sg	05:35.31	-1.45		
VYHS	77.3	344	Sg	16:05:42.47	-0.39		
CSKK	83.3	232	Sg	16:05:44.43	-0.32		

1637.

2022-10-12 time: 4:18:14.68 UTC ML= 1.5
lat: 46.476N lon: 17.157E h= 18.6 km
erh= 1.5km erz= 1.7km
nr= 20 gap=133 rms=0.45
Locality: Zalaszentjakab
Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	29.3	269	Sg	4:18:25.60	-0.11		
KOGS	69.7	267	P*	4:18:27.85	0.57		
			S*	18:37.07	-0.05		
MPLH	82.5	21	P*	4:18:29.01	-0.21		
			S*	18:39.78	-0.79		
KOVH	84.5	121	P*	4:18:29.01	-0.52		
			S*	18:40.80	-0.32		
PKS9	86.9	82	P*	4:18:30.25	0.35		
			S*	18:40.96	-0.82		
RCF6	93.4	260	S*	4:18:42.38	-1.16		
PKSV	106.9	128	Sn	4:18:46.73	0.06		
PKST	109.8	38	Pn	4:18:33.29	0.28		
			Sn	18:47.30	-0.01		
PKB4	111.1	89	Sn	4:18:47.92	0.30		
PKSM	118.0	104	Pn	4:18:34.41	0.37		
			Sn	18:48.77	-0.37		
MORH	118.1	104	Pn	4:18:34.35	0.30		
			Sn	18:48.69	-0.48		
PKB5	121.8	84	Sn	4:18:50.47	0.48		
PKB1	129.8	75	Sn	4:18:52.44	0.67		

1638.

2022-10-12 time: 7:28:30.29 UTC ML= 1.4
lat: 47.900N lon: 19.170E h= 0.0 km
erh= 5.3km erz= ***km
nr= 6 gap=194 rms=0.74
Locality: Felsőpetény
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	14.8	145	Pg	7:28:32.33	-0.60		
			Sg	28:33.70	-1.28		
PSZ	54.2	88	Pg	7:28:40.90	0.92		
			Sg	28:47.55	0.02		
VYHS	70.6	339	Pg	7:28:43.47	0.57		
			Sg	28:52.10	-0.63		

1639.

2022-10-12 time: 8:25:53.41 UTC ML= 1.8
lat: 48.995N lon: 19.358E h= 0.0 km
erh= 5.9km erz= ***km
nr= 6 gap=170 rms=0.86
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
LANS	19.0	25	PgU	8:25:56.76	-0.05		
			Sg	25:58.89	-0.57		
VYHS	67.7	215	Sg	8:26:15.33	0.41		
KECS	100.6	124	Pg	8:26:12.49	1.11		
			Sg	26:24.78	-0.61		
PSZ	126.2	162	Sg	8:26:31.64	-1.87		

1640.

2022-10-12 time: 8:44:28.21 UTC ML= 1.4
lat: 48.588N lon: 20.763E h= 0.0 km
erh= 1.8km erz= 3.0km
nr= 10 gap=128 rms=0.64
Locality: Slovakia
Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
KECS	23.6	240	Pg	8:44:	33.07	0.65	
			Sg	44:35.44		-0.26	
ABAH	48.0	133	Pg	8:44:	37.53	0.75	
			Sg	44:42.99		-0.47	
PSZ	98.5	221	Sg	8:44:	59.13	-0.40	
LANS	113.7	303	Pg	8:44:	48.78	0.26	
			Sg	45:04.06		-0.29	
KOLS	117.5	71	Sg	8:45:05.16		-0.40	
TRPA	141.2	111	Sn	8:45:10.11		-1.95	
VYHS	142.6	266	Sn	8:45:11.34		-1.05	

1641.

2022-10-12 time: 9:10:55.19 UTC ML= 2.1
lat: 48.497N lon: 19.166E h= 0.0 km
erh= 4.4km erz= 5.5km
nr= 7 gap=166 rms=0.91
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	24.4	269	Pg	9:11:00.44		0.90	
			Sg	11:02.56		-0.37	
LANS	76.0	17	Pg	9:11:09.43		0.67	
			Sg	11:18.83		-0.51	
KECS	97.6	91	Sg	9:11:25.64		-0.57	
MODS	140.4	264	Sn	9:11:36.13		-2.74	
ABAH	155.2	98	Sn	9:11:41.37		-0.78	

1642.

2022-10-12 time: 9:20:30.79 UTC ML= 0.9
lat: 47.197N lon: 18.332E h= 0.0 km
erh= 1.6km erz= 3.3km
nr= 12 gap=153 rms=0.62
Locality: Székesfehérvár
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	19.2	344	Pg	9:20:34.57		0.35	
			Sg	20:36.53		-0.36	
PKSG	22.1	12	Pg	9:20:35.47		0.74	
			Sg	20:37.98		0.18	
PKST	23.6	287	Pg	9:20:34.85		-0.15	
			Sg	20:37.66		-0.62	
MPLH	60.2	267	Sg	9:20:51.05		1.14	
MORH	111.7	168	Sg	9:21:06.15		-0.14	
PKSM	112.1	168	Sg	9:21:05.76		-0.66	
KOVH	124.6	188	Sg	9:21:10.06		-0.32	
VYHS	149.0	15	Sn	9:21:15.31		-1.07	
MODS	152.8	329	Sn	9:21:14.60		-2.62	

1643.

2022-10-12 time: 11:12:39.55 UTC ML= 1.6
lat: 48.438N lon: 17.232E h= 0.0 km
erh= 3.1km erz= 413km
nr= 5 gap=220 rms=0.19
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	7.9	155	PgU	11:12:40.87		-0.08	
			Sg	12:42.01		-0.04	
SMOL	16.8	60	Pg	11:12:42.41		-0.14	
			Sg	12:45.34		0.44	
ZST	28.5	200	Sg	11:12:48.79		0.17	

Földrengés paraméterek

1644.

2022-10-12 time: 11:38:42.47 UTC ML= 1.8
lat: 46.890N lon: 17.308E h= 0.0 km
erh= 3.9km erz= 6.1km
nr= 13 gap= 93 rms=1.45
Locality: Várvölgy
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	35.8	29	Pg	11:38:49.87		1.01	
			Sg	38:54.90		1.05	
TIH	44.6	89	Pg	11:38:52.15		1.71	
PKST	68.8	53	Pg	11:38:55.90		1.15	
			Sg	39:04.12		-0.21	
KOGS	94.6	239	Sg	11:39:12.12		-0.43	
PKSG	99.3	56	Sg	11:39:12.34		-1.70	
SOP	104.9	327	Sg	11:39:14.53		-1.27	
KOVH	107.9	146	Pg	11:39:02.94		1.21	
MORH	127.0	126	Sg	11:39:20.10		-2.72	
PKSM	127.0	126	Sg	11:39:20.96		-1.89	
ARSA	141.4	286	Sn	11:39:24.15		-2.21	
PKS7	142.1	83	Sn	11:39:25.19		-1.34	

1645.

2022-10-13 time: 3:36:58.69 UTC ML= 0.4
lat: 47.305N lon: 18.296E h= 8.4 km
erh= 1.9km erz= 1.8km
nr= 6 gap=219 rms=0.11
Locality: Söréd
Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	7.0	337	Pg	3:37:00.50		-0.15	
			Sg	37:02.11		-0.07	
PKSG	12.0	36	Pg	3:37:01.36		0.05	
			Sg	37:03.48		0.13	
PKST	20.5	256	Pg	3:37:02.62		-0.02	
			Sg	37:05.94		0.21	

1646.

2022-10-13 time: 5:49:34.92 UTC ML= 0.7
lat: 47.368N lon: 18.247E h= 11.8 km
erh= 2.6km erz= 0.5km
nr= 6 gap=203 rms=0.04
Locality: Mór
Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	1.1	116	PgU	5:49:37.07		0.04	
			Sg	49:38.61		-0.07	
PKSG	11.2	76	Pg	5:49:37.83		0.01	
			Sg	49:40.06		-0.02	
PKST	20.1	233	Pg	5:49:39.04		-0.04	
			Sg	49:42.40		0.07	

1647.

2022-10-13 time: 6:21:36.03 UTC ML= 1.0
lat: 47.973N lon: 16.087E h= 0.0 km
erh= 1.8km erz= 505km
nr= 6 gap=142 rms=0.29
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	17.5	254	Pg	6:21:39.02		-0.15	
			Sg	21:41.76		0.15	
RONA	34.2	153	Pg	6:21:42.01		-0.13	
			Sg	21:47.08		0.17	
KRUC	123.2	11	Pg	6:21:58.43		0.39	
			Sg	22:14.47		-0.73	

Földrengés paraméterek

1648.

2022-10-13 time: 7:01:14.30 UTC ML= 1.4
 lat: 48.493N lon: 17.544E h= 0.0 km
 erh= 3.8km erz= 5.1km
 nr= 7 gap=146 rms=0.57
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	8.9	285	PgU	7:01	15	66	-0.22
			Sg	01	16	17	-0.94
MODS	23.8	236	Pg	7:01	19	40	0.85
			Sg	01	21	71	-0.15
VYHS	95.5	90	Sg	7:01	44	07	-0.59
KRUC	105.5	307	Pg	7:01	33	55	0.40
CONA	139.9	243	Sn	7:01	57	45	-0.42

1649.

2022-10-13 time: 7:48:09.63 UTC ML= 1.8
 lat: 47.312N lon: 18.470E h= 0.0 km
 erh= 2.2km erz= 5.9km
 nr= 9 gap=116 rms=0.78
 Locality: Pátka
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	10.7	326	PgU	7:48	11	94	0.40
			Sg	48	12	16	-0.87
CSKK	16.8	290	Pg	7:48	13	37	0.74
			Sg	48	14	78	-0.19
PKST	33.5	260	Sg	7:48	19	82	-0.45
MORH	122.6	174	Sg	7:48	47	61	-0.99
PKSM	123.0	174	Sg	7:48	49	25	0.52
PSZ	126.6	58	Sg	7:48	50	58	0.72
VYHS	134.2	12	Sn	7:48	49	64	-2.31

1650.

2022-10-13 time: 8:13:37.68 UTC ML= 1.2
 lat: 48.593N lon: 20.537E h= 14.1 km
 erh= 5.6km erz= 1.4km
 nr= 5 gap=270 rms=0.17
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
KECS	12.8	197	Pg	8:13	40	97	-0.11
			Sg	13	44	03	0.30
ABAH	61.6	122	Pg	8:13	48	92	-0.04
PSZ	88.9	212	P*U	8:13	53	77	0.15
			S*	14	05	76	-0.30

1651.

2022-10-13 time: 9:13:17.91 UTC ML= 1.9
 lat: 48.239N lon: 21.226E h= 0.0 km
 erh= 2.2km erz= 4.1km
 nr= 11 gap=153 rms=0.64
 Locality: Tálllya
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	6.4	9	PgU	9:13	19	32	0.27
			Sg	13	20	40	0.46
KECS	61.2	296	Pg	9:13	29	30	0.47
			Sg	13	37	26	-0.10
TRPA	98.4	97	Pg	9:13	35	74	0.26
			Sg	13	48	02	-1.17
PSZ	105.4	250	Pg	9:13	37	19	0.45
			Sg	13	50	14	-1.28
KOLS	109.2	45	Pg	9:13	37	77	0.36

Hypocenter Parameters

		Sg	13:51.70	-0.92	
LANS	164.4	308	Sn	9:14:05.64	-1.27

1652.

2022-10-13 time: 10:00:10.37 UTC ML= 1.8
 lat: 48.161N lon: 16.847E h= 0.0 km
 erh= 2.5km erz= 661km
 nr= 7 gap=140 rms=0.46
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ZST	19.4	78	Pg	10:00	14	09	0.26
			Sg	00	16	14	-0.40
MODS	39.8	54	Pg	10:00	17	47	0.00
			Sg	00	22	23	-0.77
RONA	65.8	219	Pg	10:00	22	62	0.51
			Sg	00	30	45	-0.82
KRUC	105.6	342	Sg	10:00	44	24	0.32

1653.

2022-10-13 time: 13:42:20.27 UTC ML= 2.2
 lat: 47.899N lon: 19.185E h= 0.0 km
 erh= 1.5km erz= 1.8km
 nr= 39 gap= 42 rms=0.87
 Locality: Felsőpetény
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	14.1	149	PgU	13:42	22	80	0.02
			Sg	42	24	42	-0.32
BUD	47.8	195	Sg	13:42	35	00	-0.45
PBUD	50.0	195	Pg	13:42	30	08	0.89
			Sg	42	35	69	-0.46
PSZ	53.1	88	Pg	13:42	29	88	0.14
			Sg	42	36	79	-0.34
SRO	66.0	262	Sg	13:42	40	76	-0.47
VYHS	71.0	339	Pg	13:42	33	67	0.72
			Sg	42	42	27	-0.58
PKSG	82.2	227	Pg	13:42	34	98	0.04
			Sg	42	45	88	-0.50
CSKK	91.6	229	Pg	13:42	37	37	0.75
PKS7	94.7	181	Sg	13:42	48	70	-1.68
BSZH	105.2	129	Pg	13:42	39	58	0.53
PKST	112.1	231	Pg	13:42	40	14	-0.15
			Sg	42	54	72	-1.18
KECS	116.5	56	Pg	13:42	40	65	-0.41
			Sg	42	55	07	-2.21
PKSN	122.7	155	Pg	13:42	41	72	-0.47
PKB1	127.5	193	Pg	13:42	43	22	0.19
			Sg	42	58	23	-2.56
PKB2	136.3	178	Pn	13:42	44	25	-0.04
LANS	140.7	9	Sn	13:43	02	07	-1.94
TIH	147.9	221	Pn	13:42	45	95	0.21
MPLH	148.1	237	Sn	13:43	05	43	-0.23
PKB5	149.0	193	Sn	13:43	05	37	-0.48
MODS	151.5	290	Pn	13:42	47	72	1.53
			Sn	43	04	99	-1.42
ABAH	159.2	74	Pn	13:42	47	95	0.79
			Sn	43	07	85	-0.28
NIE	188.3	26	Pn	13:42	53	08	2.30
			Sn	43	13	87	-0.71
MORH	191.6	192	Pn	13:42	54	66	3.47
			Sn	43	14	92	-0.40
PKSM	192.1	192	Pn	13:42	52	24	0.99
			Sn	43	17	56	2.14
SOP	198.3	263	Sn	13:43	16	42	-0.38
MORC	241.1	330	Sn	13:43	25	46	-0.84

Hypocenter Parameters

1654.

2022-10-14 time: 7:23:04.05 UTC ML= 1.3
 lat: 45.864N lon: 18.401E h= 0.0 km
 erh= 1.2km erz= 176km
 nr= 7 gap=257 rms=0.12
 Locality: Kisharsány
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	11.9	283	Pg	7:23:06.22		0.05	
			Sg	23:07.49		-0.33	
KOVH	34.1	317	Sg	7:23:15.10		0.20	
PKSM	42.9	26	PgU	7:23:11.74		0.04	
			Sg	23:17.69		0.02	
MORH	43.4	26	PgU	7:23:11.76		-0.03	
			Sg	23:17.69		-0.14	

1655.

2022-10-14 time: 7:28:25.70 UTC ML= 1.8
 lat: 48.386N lon: 18.632E h= 0.0 km
 erh= 3.6km erz= 4.8km
 nr= 14 gap= 70 rms=1.44
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	19.3	52	Pg	7:28:30.30		1.16	
			Sg	28:32.77		0.94	
MODS	100.4	269	Pg	7:28:45.38		1.76	
			Sg	28:56.66		-0.93	
LANS	104.9	36	Sg	7:28:57.36		-1.68	
PSZ	107.4	119	Pg	7:28:46.55		1.68	
			Sg	28:57.90		-1.93	
PKSG	112.0	189	Sg	7:29:01.14		-0.16	
ZST	115.4	259	Sg	7:29:00.83		-1.56	
PKST	133.1	200	Sn	7:29:05.83		-1.92	
KECS	137.6	86	Pn	7:28:50.41		0.52	
			Sn	29:06.23		-2.53	
MORC	173.9	333	Pn	7:28:54.19		-0.23	
			Sn	29:14.92		-1.90	

1656.

2022-10-14 time: 7:45:32.60 UTC ML= 1.8
 lat: 48.205N lon: 18.796E h= 0.0 km
 erh= 2.5km erz= 7.0km
 nr= 16 gap= 87 rms=1.04
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	32.3	5	Pg	7:45:39.22		0.86	
			Sg	45:43.00		0.15	
PSZ	87.8	111	Pg	7:45:49.91		1.62	
			Sg	46:00.06		-0.46	
PKSG	95.4	199	Pg	7:45:50.33		0.69	
			Sg	46:02.26		-0.67	
CSKK	101.9	203	Sg	7:46:05.15		0.17	
SMOL	107.0	289	Sg	7:46:06.08		-0.54	
MODS	114.3	279	Pg	7:45:53.50		0.49	
			Sg	46:07.01		-1.92	
LANS	116.2	25	Pg	7:45:53.88		0.53	
			Sg	46:07.47		-2.06	
PKST	119.7	209	Sg	7:46:08.70		-1.96	
KECS	129.0	76	Pg	7:45:55.58		-0.06	
			Sg	46:11.63		-1.97	
MPLH	148.8	219	Sn	7:46:17.50		-0.65	

Földrengés paraméterek

1657.

2022-10-14 time: 7:59:33.85 UTC ML= 1.5
 lat: 48.587N lon: 20.777E h= 0.0 km
 erh= 2.0km erz= 1.6km
 nr= 6 gap=228 rms=0.36
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	24.4	242	Pg	7:59:38.48		0.26	
			Sg	59:41.68		0.06	
ABAH	47.1	133	Pg	7:59:42.49		0.23	
			Sg	59:48.44		-0.38	
VYHS	143.7	266	Pn	7:59:58.78		-0.03	
			Sn	8:00:17.07		-1.20	

1658.

2022-10-14 time: 8:06:49.83 UTC ML= 1.4
 lat: 48.550N lon: 19.336E h= 0.0 km
 erh= 2.5km erz= 758km
 nr= 7 gap=111 rms=0.52
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	37.5	260	Pg	8:06:56.79		0.27	
			Sg	07:01.14		-0.59	
LANS	67.5	8	Sg	8:07:10.71		-0.56	
PSZ	81.6	149	Pg	8:07:05.03		0.63	
			Sg	07:15.25		-0.51	
KECS	85.3	95	Pg	8:07:05.35		0.30	
			Sg	07:16.11		-0.82	

1659.

2022-10-14 time: 8:08:22.87 UTC ML= 1.3
 lat: 48.536N lon: 19.336E h= 0.0 km
 erh= 4.6km erz= ***km
 nr= 7 gap=114 rms=0.98
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	37.2	263	Pg	8:08:30.22		0.70	
			Sg	08:34.31		-0.40	
LANS	69.0	8	Sg	8:08:43.73		-1.07	
PSZ	80.3	149	Pg	8:08:38.40		1.19	
			Sg	08:46.74		-1.65	
KECS	85.1	94	Pg	8:08:38.33		0.25	
			Sg	08:48.59		-1.34	

1660.

2022-10-14 time: 10:18:37.45 UTC ML= 1.1
 lat: 47.560N lon: 18.493E h= 0.0 km
 erh= 1.5km erz= 1.5km
 nr= 8 gap=155 rms=0.61
 Locality: Tatabánya
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	20.3	202	Pg	10:18:41.37		0.30	
			Sg	18:44.38		0.49	
CSKK	28.1	219	Pg	10:18:42.83		0.37	
			Sg	18:46.00		-0.38	
VYHS	106.9	14	Sg	10:19:10.89		-0.54	
PSZ	112.4	69	Sg	10:19:13.82		0.66	
MORH	149.9	176	Sn	10:19:22.00		-1.24	
PKSM	150.3	176	Sn	10:19:22.08		-1.25	

Földrengés paraméterek

1661.

2022-10-14 time: 11:20:55.31 UTC ML= 1.9
 lat: 48.949N lon: 21.275E h= 0.0 km
 erh= 3.4km erz= 4.0km
 nr= 10 gap=172 rms=0.64
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	72.6	182	Pg	11:21:09	13		0.86
			Sg	21:18	05		-0.34
KOLS	73.1	91	Pg	11:21:08	48		0.11
			Sg	21:17	89		-0.67
KECS	77.8	228	Pg	11:21:09	74		0.54
			Sg	21:17	11		-2.93
LANS	134.0	280	Pn	11:21:18	97		-0.08
			Sn	21:37	77		0.20
PSZ	153.5	222	Pn	11:21:20	77		-0.71
			Sn	21:41	37		-0.53

1662.

2022-10-15 time: 8:25:42.54 UTC ML= 1.3
 lat: 46.210N lon: 18.276E h= 0.0 km
 erh= 1.9km erz= 408km
 nr= 9 gap=175 rms=0.31
 Locality: Kisbattyán
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	19.2	225	Pg	8:25:46	27		0.30
			Sg	25:48	08		-0.57
PKSM	28.2	90	Pg	8:25:47	78		0.20
			Sg	25:51	48		-0.02
MORH	28.4	89	Pg	8:25:47	74		0.12
			Sg	25:51	42		-0.16
PKSV	35.8	183	Pg	8:25:49	17		0.23
			Sg	25:53	10		-0.83
PKB5	55.5	40	Pg	8:25:52	17		-0.27

1663.

2022-10-15 time: 8:32:29.13 UTC ML= 0.7
 lat: 47.306N lon: 18.307E h= 8.3 km
 erh= 5.2km erz= 5.1km
 nr= 6 gap=222 rms=0.12
 Locality: Söréd
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	7.3	331	Pg	8:32:31	01		-0.09
			Sg	32:32	54		-0.10
PKSG	11.5	34	Pg	8:32:31	80		0.14
			Sg	32:33	67		0.03
PKST	21.2	256	Pg	8:32:33	09		-0.11
			Sg	32:36	61		0.23

1664.

2022-10-15 time: 21:50:57.13 UTC ML= 0.4
 lat: 47.297N lon: 18.212E h= 8.2 km
 erh= 0.7km erz= 0.6km
 nr= 9 gap=134 rms=0.12
 Locality: Bodajk
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	8.3	26	Pg	21:50:59	10		-0.10
			Sg	51:00	48		-0.34
PKST	14.1	253	PgD	21:51:00	01		-0.02
			Sg	51:02	37		0.07
PKSG	17.2	52	Pg	21:51:00	61		0.09
			Sg	51:03	31		0.14

Hypocenter Parameters

PKS9	79.1	176	Sg	21:51:22.53	0.14
MORH	124.6	165	Sn	21:51:35.31	-0.13
PKSM	125.0	165	Sn	21:51:35.55	0.03

1665.

2022-10-17	time:	7:39:21.40	UTC	ML= 1.2
lat:	48.451N	lon:	19.545E	h= 0.0 km
erh=	3.3km	erz=	970km	
nr=	6	gap=	119	rms=0.56
Locality:	Slovakia	Comments:	probably explosion	

sta	dist	azm	phase	hr	mn	sec	res
VYHS	52.7	275	Pg	7:39:31	43		0.62
			Sg	39:37	30		-0.84
PSZ	64.7	156	Pg	7:39:33	30		0.35
			Sg	39:41	12		-0.83
KECS	69.6	87	Sg	7:39:43	55		0.01
LANS	78.0	356	Sg	7:39:45	82		-0.38

1666.

2022-10-17	time:	7:48:24.31	UTC	ML= 1.5
lat:	47.110N	lon:	17.880E	h= 0.0 km
erh=	1.8km	erz=	5.3km	
nr=	16	gap=	99	rms=0.82
Locality:	Márkó	Comments:	probably explosion	

sta	dist	azm	phase	hr	mn	sec	res
PKST	20.3	35	Pg	7:48:27	88		-0.06
			Sg	48:30	35		-0.42
TIH	23.3	178	Pg	7:48:29	13		0.65
			Sg	48:32	77		1.04
MPLH	26.7	285	Pg	7:48:29	53		0.45
			Sg	48:32	42		-0.39
CSKK	40.3	46	Pg	7:48:32	19		0.68
			Sg	48:37	27		0.15
PKSG	49.8	51	Sg	7:48:40	09		-0.04
BEHE	110.3	230	Sg	7:48:58	58		-0.80
KOVH	114.8	172	Sg	7:48:59	67		-1.13
MORH	115.3	150	Pg	7:48:45	82		0.92
			Sg	48:59	59		-1.37
PKSM	115.6	150	Sg	7:48:59	83		-1.22
MODS	147.6	342	Sn	7:49:05	62		-3.98*
VYHS	169.8	25	Sn	7:49:12	51		-2.00

1667.

2022-10-17	time:	8:45:54.99	UTC	ML= 1.1
lat:	46.135N	lon:	18.073E	h= 0.0 km
erh=	2.1km	erz=	285km	
nr=	8	gap=	280	rms=0.22
Locality:	Abaliget	Comments:	probably explosion	

sta	dist	azm	phase	hr	mn	sec	res
KOVH	5.6	158	PgU	8:45:55	81		-0.18
			Sg	45:57	13		0.36
PKSV	30.7	153	Pg	8:46:00	50		0.02
			Sg	46:04	27		-0.49
PKSM	44.7	79	PgU	8:46:03	14		0.16
			Sg	46:08	93		-0.28
MORH	45.0	78	Pg	8:46:03	20		0.17
			Sg	46:09	28		-0.02

Hypocenter Parameters

Földrengés paraméterek

1668.

2022-10-17 time: 8:54:27.79 UTC ML= 1.7
 lat: 48.504N lon: 17.451E h= 0.0 km
 erh= 0.7km erz= 4.5km
 nr= 9 gap=142 rms=0.20
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	2.0	303	Pg	8:54:	27.89	-0.26	
			Sg	54:	28.37	-0.05	
MODS	19.4	222	Pg	8:54:	31.33	0.08	
			Sg	54:	34.03	0.07	
ZST	42.9	217	Sg	8:54:	41.41	-0.02	
KRUC	99.4	309	Pg	8:54:	45.78	0.25	
			Sg	54:	59.35	-0.02	
VYHS	102.3	91	Sg	8:55:	00.30	-0.02	
CONA	134.4	242	Sn	8:55:	08.40	-1.73*	

1669.

2022-10-17 time: 8:57:24.33 UTC ML= 1.8
 lat: 47.900N lon: 19.349E h= 0.0 km
 erh= 2.3km erz= 4.3km
 nr= 17 gap=115 rms=0.85
 Locality: Szécsénke
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	13.2	202	Pg	8:57:	27.07	0.38	
			Sg	57:	29.14	0.61	
PSZ	40.8	87	Pg	8:57:	32.31	0.68	
			Sg	57:	36.62	-0.70	
BUD	52.4	208	Sg	8:57:	41.10	0.13	
PBUD	54.5	208	Sg	8:57:	40.70	-0.97	
VYHS	76.2	330	Pg	8:57:	39.00	1.06	
			Sg	57:	47.81	-0.75	
PKSG	91.5	232	Pg	8:57:	41.49	0.81	
			Sg	57:	52.05	-1.38	
KECS	106.5	53	Pg	8:57:	43.83	0.48	
			Sg	57:	56.20	-1.99	
PKST	121.9	234	Pg	8:57:	46.10	0.00	
			Sg	58:	02.13	-0.95	
LANS	139.3	4	Sn	8:58:	05.36	-2.41	
MODS	162.9	289	Pn	8:57:	51.74	0.06	
			Sn	58:	12.09	-0.92	

1670.

2022-10-17 time: 9:33:10.82 UTC ML= 1.2
 lat: 47.875N lon: 16.060E h= 0.0 km
 erh= 1.6km erz= 2.7km
 nr= 7 gap=127 rms=0.62
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	15.9	292	Pg	9:33:	14.28	0.62	
			Sg	33:	16.05	0.17	
RONA	26.4	138	Pg	9:33:	15.83	0.30	
			Sg	33:	19.44	0.24	
ARSA	80.4	210	Sg	9:33:	35.58	-0.78	
KRUC	134.2	11	Pn	9:33:	34.35	-0.24	
			Sn	33:	51.17	-1.96	

1671.

2022-10-17 time: 10:04:28.87 UTC ML= 1.3
 lat: 48.488N lon: 19.562E h= 0.0 km
 erh= 2.5km erz= 755km
 nr= 7 gap=112 rms=0.53
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	53.6	271	Pg	10:04:	38.94	0.49	
			Sg	04:	45.56	-0.36	
PSZ	68.0	159	Pg	10:04:	41.39	0.38	
			Sg	04:	49.89	-0.60	
KECS	68.3	90	Pg	10:04:	41.42	0.35	
			Sg	04:	49.89	-0.69	
LANS	74.0	355	Sg	10:04:	51.45	-0.94	

1672.

2022-10-17 time: 11:59:17.35 UTC ML= 1.5
 lat: 45.510N lon: 17.306E h= 0.0 km
 erh= 8.7km erz= 8.5km
 nr= 11 gap=189 rms=0.90
 Locality: Croatia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
R93E	35.2	249	Sg	11:59:	27.61	-0.95	
PKSV	84.9	60	Pg	11:59:	33.65	1.14	
			Sg	59:	45.16	0.83	
KOVH	89.1	44	Pg	11:59:	33.88	0.61	
			Sg	59:	45.71	0.02	
PTJ	113.6	292	Pg	11:59:	38.24	0.61	
PKSM	129.8	53	Pg	11:59:	40.30	-0.23	
			Sg	59:	56.83	-1.78	
MORH	130.2	53	Pg	11:59:	40.30	-0.31	
			Sg	59:	56.87	-1.88	
KOGS	132.5	322	Sn	11:59:	57.95	-1.34	

1673.

2022-10-17 time: 14:59:18.99 UTC ML= 2.4
 lat: 45.522N lon: 16.396E h= 8.4 km
 erh= 2.5km erz= 1.8km
 nr= 38 gap=132 rms=0.97
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
R93E	40.8	110	Pg	14:59:	27.11	0.69	
ZAG	46.3	317	Pg	14:59:	27.71	0.32	
			Sg	59:	34.26	0.32	
PTJ	54.1	321	Pg	14:59:	28.25	-0.51	
			Sg	59:	36.18	-0.20	
CRES	80.6	295	Pg	14:59:	32.82	-0.63	
			Sg	59:	43.14	-1.60	
RCF6	96.3	339	Sg	14:59:	48.07	-1.64	
KOGS	103.5	354	Pg	14:59:	38.49	0.95	
			Sg	59:	51.06	-0.95	
BLY	106.0	144	Pg	14:59:	37.32	-0.65	
			Sg	59:	50.75	-2.03	
BEHE	109.4	16	Pg	14:59:	39.45	0.87	
GROS	125.2	326	Pn	14:59:	41.37	0.80	
			Sn	59:	55.55	-1.85	
KOVH	146.7	65	Pn	14:59:	43.14	-0.10	
			Sn	15:00:	00.36	-1.80	
PKSV	150.2	74	Pn	14:59:	43.92	0.24	
			Sn	15:00:	01.70	-1.24	
PERS	158.5	321	Pn	14:59:	44.85	0.14	
			Sn	15:00:	05.84	1.07	
SOKA	166.2	321	Pn	14:59:	45.58	-0.09	
			Sn	15:00:	04.85	-1.63	
OBKA	180.2	307	Pn	14:59:	49.59	2.16	
			Sn	15:00:	11.04	1.43	
PKSM	190.5	66	Pn	14:59:	48.38	-0.32	
			Sn	15:00:	12.48	0.60	
MORH	190.9	66	Pn	14:59:	48.28	-0.47	
			Sn	15:00:	15.85	3.89*	
TIH	191.9	37	Pn	14:59:	49.11	0.24	
ARSA	203.5	341	Pn	14:59:	51.24	0.91	
TRI	206.3	276	Sn	14:60:	17.83	2.44	
SOP	240.6	3	Pn	14:59:	56.00	1.05	

Földrengés paraméterek

RONA	242.2	358	Pn	14:59:56.70	1.55
CONA	270.6	351	Pn	14:59:59.91	1.22
			Sn	15:00:29.19	-0.47
WINA	288.4	355	Pn	14:60:02.26	1.34
			Sn	60:30.80	-2.82*
MOA	305.7	328	Pn	14:60:03.51	0.44*
			Sn	60:36.18	-1.28*
ABNA	357.6	348	Pn	14:60:10.68	1.15*
			Sn	60:48.15	-0.81*

1674.

2022-10-17 time: 23:31:57.31 UTC ML= 1.7
lat: 46.220N lon: 16.548E h= 12.0 km
erh= 1.7km erz= 1.3km
nr= 16 gap=135 rms=0.45

Locality: Croatia

Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	32.9	32	Pg	23:32:03.52	-0.04		
			Sg	32:07.83	-0.60		
KOGS	34.2	318	Pg	23:32:03.91	0.13		
			Sg	32:08.61	-0.22		
RCF6	47.1	286	Pg	23:32:06.43	0.45		
			Sg	32:12.42	-0.33		
PTJ	57.9	232	Sg	23:32:15.88	-0.21		
GROS	84.9	288	Pg	23:32:12.89	0.27		
			Sg	32:23.46	-1.10		
CRES	95.2	243	P*	23:32:14.95	0.54		
			S*	32:26.81	-0.93		
PERS	119.4	293	Pn	23:32:18.18	0.49		
			Sn	32:33.42	-0.17		
KOVH	120.8	97	Pn	23:32:18.08	0.22		
			Sn	32:33.15	-0.75		
SOKA	127.1	294	Sn	23:32:34.90	-0.40		

1675.

2022-10-18 time: 2:41:30.83 UTC ML= 1.8
lat: 46.239N lon: 16.544E h= 11.4 km
erh= 1.1km erz= 0.8km
nr= 14 gap=132 rms=0.28

Locality: Croatia

Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	31.3	35	Pg	2:41:36.80	0.01		
			Sg	41:41.00	-0.43		
KOGS	32.4	316	PgD	2:41:37.04	0.07		
			Sg	41:41.74	-0.02		
RCF6	46.2	283	Sg	2:41:45.91	-0.05		
PTJ	58.9	230	Sg	2:41:49.79	-0.11		
GROS	83.9	287	Pg	2:41:46.41	0.46		
			Sg	41:57.26	-0.49		
CRES	95.8	241	Pg	2:41:48.28	0.22		
			Sg	42:01.03	-0.47		
PERS	118.2	292	Pn	2:41:51.43	0.29		
			Sn	42:06.47	-0.51		
KOVH	121.4	98	Sn	2:42:07.61	-0.07		
SOKA	125.9	293	Sn	2:42:08.66	-0.04		

1676.

2022-10-18 time: 7:58:41.10 UTC ML= 1.3
lat: 48.090N lon: 20.680E h= 0.0 km
erh= 3.7km erz= 814km
nr= 6 gap=191 rms=0.48

Locality: Bükkzentlászló

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	46.0	342	Pg	7:58:49.68	0.36		
			Sg	58:55.02	-0.71		
ABAH	47.5	61	Pg	7:58:49.65	0.06		

320

Hypocenter Parameters

PSZ	61.6	252	Sg	58:55.87	-0.34
			Pg	7:58:52.59	0.48
			Sg	58:59.76	-0.93

1677.

2022-10-18 time: 8:13:54.54 UTC ML= 1.7
lat: 47.338N lon: 18.447E h= 0.0 km
erh= 1.1km erz= 4.3km
nr= 8 gap=114 rms=0.47
Locality: Zámoly
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	7.4	325	PgU	8:13:56.09	0.23		
			Sg	13:56.46	-0.43		
CSKK	14.4	281	PgU	8:13:57.47	0.36		
			Sg	13:59.21	0.10		
MORH	125.6	173	Sg	8:14:34.18	-0.29		
PKSM	126.0	173	Sg	8:14:34.38	-0.22		
PSZ	126.5	59	Sg	8:14:34.80	0.04		
VYHS	131.8	13	Sn	8:14:33.48	-2.84		

1678.

2022-10-18 time: 9:15:39.58 UTC ML= 0.8
lat: 47.233N lon: 18.242E h= 0.0 km
erh= 2.5km erz= 732km
nr= 8 gap=132 rms=0.54
Locality: Iszkaszentgyörgy
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	14.5	6	Pg	9:15:42.67	0.50		
			Sg	15:44.06	-0.13		
PKST	16.0	280	Pg	9:15:42.91	0.48		
			Sg	15:44.09	-0.57		
PKSG	20.9	33	Pg	9:15:43.45	0.14		
			Sg	15:45.53	-0.69		
PKSM	117.6	165	Pg	9:16:00.43	-0.15		
			Sg	16:14.23	-2.73		

1679.

2022-10-18 time: 9:51:50.44 UTC ML= 1.6
lat: 48.438N lon: 19.133E h= 0.0 km
erh= 2.4km erz= 6.4km
nr= 12 gap=161 rms= 0.78
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	22.8	286	PgU	9:51:54.84	0.33		
			Sg	51:57.48	-0.20		
PENC	72.9	171	Pg	9:52:04.24	0.78		
			Sg	52:13.65	0.04		
PSZ	80.9	136	Pg	9:52:06.11	1.21		
			Sg	52:15.91	-0.26		
SRO	92.5	221	Sg	9:52:19.64	-0.19		
KECS	100.2	87	Pg	9:52:08.13	-0.20		
			Sg	52:20.74	-1.55		
PKSG	128.9	205	Pg	9:52:13.34	-0.12		
			Sg	52:30.30	-1.11		
CSKK	136.2	209	Sn	9:52:31.08	-2.10		

1680.

2022-10-18 time: 16:12:00.87 UTC ML= 1.4
lat: 47.348N lon: 18.271E h= 8.9 km
erh= 6.6km erz= 3.9km
nr= 8 gap=105 rms= 0.31
Locality: Csókakő
Comments:

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
CSKK	1.8	335	PgU	16:12:02.28		-0.20	
			Sg	12:02.71		-1.04	
PKSG	10.3	62	PgD	16:12:03.61		0.32	
			Sg	12:05.26		0.08	
PKST	20.4	241	PgD	16:12:05.06		0.21	
			Sg	12:07.96		0.01	
MORH	129.1	167	Sn	16:12:39.65		-0.36	
PKSM	129.4	167	Sn	16:12:40.14		0.04	

1681.

2022-10-19 time: 7:22:19.85 UTC ML= 2.4
lat: 46.471N lon: 17.219E h= 13.0 km
erh= 1.7km erz= 1.4km
nr= 52 gap=108 rms=0.90
Locality: Somogysimonyi
Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	34.0	270	Pg	7:22:26.34		-0.01	
			Sg	22:31.37		-0.05	
TIH	70.3	47	Sg	7:22:42.30		-0.25	
KOGS	74.4	268	Pg	7:22:33.19		-0.14	
			Sg	22:42.14		-1.72	
KOVH	80.2	122	Pg	7:22:34.46		0.11	
			Sg	22:44.72		-0.94	
PKS9	82.4	81	Pg	7:22:35.74		1.00	
			Sg	22:46.10		-0.25	
RCF6	98.0	261	P*	7:22:36.36		-0.93	
			S*	22:47.76		-3.13	
PKSV	102.8	129	P*	7:22:38.11		0.09	
			S*	22:51.31		-0.88	
EGYH	105.5	5	Pn	7:22:39.25		0.87	
			Sn	22:50.72		-2.12	
PKB4	106.4	88	Pn	7:22:39.27		0.78	
			Sn	22:53.00		-0.03	
PKST	107.4	35	Pn	7:22:38.33		-0.29	
			Sn	22:51.96		-1.30	
PKSM	113.3	105	Pn	7:22:39.08		-0.27	
			Sn	22:54.32		-0.24	
MORH	113.4	104	Pn	7:22:39.07		-0.29	
			Sn	22:53.83		-0.75	
PTJ	116.2	237	Pn	7:22:39.35		-0.36	
			Sn	22:54.27		-0.93	
PKB5	117.2	83	Pn	7:22:39.43		-0.41	
			Sn	22:55.12		-0.31	
PKB1	125.5	74	Pn	7:22:40.48		-0.38	
			Sn	22:57.74		0.48	
CSKK	127.0	39	Pn	7:22:41.35		0.29	
			Sn	22:56.77		-0.84	
PKSG	135.8	41	Sn	7:22:58.80		-0.76	
SOP	143.8	340	Pn	7:22:44.33		1.18	
			Sn	23:00.83		-0.50	
PKB3	152.0	92	Sn	7:23:06.69		3.55	
RONA	153.5	333	Pn	7:22:44.58		0.22	
			Sn	23:04.27		0.79	
CRES	153.8	242	Pn	7:22:46.27		1.87	
			Sn	23:05.04		1.48	
ARSA	155.6	304	Pn	7:22:44.64		0.01	
			Sn	23:02.63		-1.33	
PERS	162.2	276	Pn	7:22:44.75		-0.70	
			Sn	23:07.27		1.85	
SOKA	169.1	278	Pn	7:22:48.30		1.99	
			Sn	23:08.96		2.01	
CONA	191.9	328	Pn	7:22:51.98		2.83	
			Sn	23:11.67		-0.33	
MODS	211.6	1	Pn	7:22:52.07		0.47	
MOA	271.3	304	Pn	7:22:55.37		-3.68	
ABNA	279.0	331	Pn	7:23:01.12		1.11	
			Sn	23:30.76		-0.58	
KRUC	294.6	348	Pn	7:23:02.37		0.42	

Földrengés paraméterek

1682.

2022-10-19 time: 10:16:46.41 UTC ML= 1.4
lat: 48.407N lon: 19.842E h= 0.0 km
erh= 6.4km erz= ***km
nr= 6 gap=201 rms=0.79
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	48.4	80	Pg	10:16:55.91		0.86	
			Sg	17:01.93		0.14	
PSZ	54.4	176	Pg	10:16:56.61		0.48	
			Sg	17:02.87		-0.84	
ABAH	104.3	97	Sg	10:17:18.21		-1.36	
NIE	117.8	17	Sg	10:17:22.99		-0.85	

1683.

2022-10-19 time: 13:25:37.40 UTC ML= 1.5
lat: 46.434N lon: 17.125E h= 19.8 km
erh= 3.0km erz= 1.3km
nr= 9 gap=163 rms=0.27
Locality: Sand
Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	27.2	279	Pg	13:25:43.38		-0.02	
			Sg	25:48.31		0.23	
KOVH	84.4	117	P*	13:25:52.16		0.03	
			S*	26:03.08		-0.54	
RCF6	90.3	263	S*	13:26:05.00		-0.23	
PKSV	106.1	125	Sn	13:26:09.28		0.32	
PKSM	119.4	102	Sn	13:26:12.31		0.40	
MORH	119.5	102	Sn	13:26:12.10		0.17	
PKB5	124.9	82	Sn	13:26:12.70		-0.44	

1684.

2022-10-19 time: 14:57:47.48 UTC ML= 1.6
lat: 46.500N lon: 17.165E h= 18.7 km
erh= 1.7km erz= 1.5km
nr= 21 gap=116 rms=0.52
Locality: Zalaszentjakab
Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	30.1	264	Pg	14:57:54.26		0.46	
			Sg	57:58.62		-0.12	
KOGS	70.5	265	P*	14:58:00.95		0.75	
			S*	58:09.46		-0.66	
MPLH	79.8	21	P*	14:58:01.07		-0.55	
			S*	58:11.99		-0.66	
KOVH	85.3	122	P*	14:58:02.40		-0.05	
			S*	58:13.38		-0.75	
PKS9	86.0	84	S*	14:58:15.34		1.03	
RCF6	94.5	259	S*	14:58:15.16		-1.46	
PKSV	108.0	129	Pn	14:58:05.79		0.21	
			Sn	58:19.77		0.07	
PKB4	110.4	90	Sn	14:58:20.40		0.14	
PTJ	114.6	234	Sn	14:58:21.01		-0.16	
PKSM	118.0	106	Pn	14:58:06.93		0.09	
			Sn	58:21.99		0.05	
MORH	118.1	105	Pn	14:58:06.33		-0.52	
			Sn	58:21.91		-0.05	
PKB5	120.9	85	Pn	14:58:07.08		-0.12	
			Sn	58:23.17		0.59	
PKB1	128.5	76	Sn	14:58:25.40		1.13	

Földrengés paraméterek

1685.

2022-10-20 time: 7:17:34.23 UTC ML= 1.5
 lat: 47.749N lon: 19.142E h= 0.0 km
 erh= 3.7km erz= 268km
 nr= 5 gap=232 rms=0.12
 Locality: Sződliget
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	11.5	66	Pg	7:17:36.11		-0.17	
			Sg	17:37.84		-0.03	
PSZ	59.4	71	Pg	7:17:45.00		0.16	
			Sg	17:53.14		0.02	
PKB1	110.4	194	Sg	7:18:09.37		0.03	

1686.

2022-10-20 time: 7:32:11.69 UTC ML= 1.5
 lat: 47.249N lon: 18.361E h= 0.0 km
 erh= 1.6km erz= 2.7km
 nr= 10 gap=112 rms=0.40
 Locality: Sárkeresztes
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	14.8	329	PgU	7:32:14.19		-0.14	
			Sg	32:15.67		-0.72	
PKSG	16.0	8	Pg	7:32:14.81		0.26	
			Sg	32:17.08		0.29	
PKST	24.7	273	Pg	7:32:16.22		0.11	
			Sg	32:20.06		0.50	
MORH	116.9	169	Sg	7:32:48.31		-0.54	
PKSM	117.3	169	Sg	7:32:48.70		-0.28	
KOVH	130.6	189	Sn	7:32:54.65		1.45	
PSZ	137.3	57	Sn	7:32:54.41		-0.27	

1687.

2022-10-20 time: 8:00:02.48 UTC ML= 2.1
 lat: 48.447N lon: 17.213E h= 0.0 km
 erh= 2.0km erz= 6.5km
 nr= 9 gap=122 rms=0.71
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	9.5	150	PgU	8:00:04.17		0.00	
			Sg	00:05.70		0.22	
SMOL	17.6	65	Pg	8:00:05.94		0.32	
			Sg	00:07.83		-0.23	
ZST	29.1	196	Pg	8:00:08.12		0.44	
			Sg	00:11.25		-0.48	
KRUC	91.1	319	Pg	8:00:19.59		0.85	
			Sg	00:30.52		-0.90	
MORC	149.8	9	Pn	8:00:26.28		-1.91	

1688.

2022-10-20 time: 8:24:48.44 UTC ML= 1.7
 lat: 47.959N lon: 19.014E h= 0.0 km
 erh= 7.5km erz= 834km
 nr= 5 gap=289 rms=1.04
 Locality: Diósjenő
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	27.4	133	Pg	8:24:53.01		-0.33	
			Sg	24:54.74		-2.42	
PSZ	65.9	94	Pg	8:25:01.21		1.00	
			Sg	25:09.04		-0.36	
KECS	123.9	62	Sg	8:25:28.67		0.85	

Hypocenter Parameters

1689.

2022-10-20 time: 8:32:33.74 UTC ML= 2.0
 lat: 48.533N lon: 17.462E h= 0.0 km
 erh= 1.9km erz= 239km
 nr= 7 gap=269 rms=0.16
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	3.2	229	PgU	8:32:34.24		-0.07	
			Sg	32:34.93		0.17	
MODS	22.3	218	Pg	8:32:37.90		0.17	
			Sg	32:40.83		-0.01	
ZST	45.9	215	Pg	8:32:41.95		0.01	
			Sg	32:47.82		-0.52	
KRUC	98.0	307	Sg	8:33:04.76		-0.12	

1690.

2022-10-20 time: 8:59:50.91 UTC ML= 1.9
 lat: 48.283N lon: 21.218E h= 0.0 km
 erh= 2.8km erz= 3.3km
 nr= 14 gap=102 rms=0.93
 Locality: Abaújszántó
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	2.2	46	PgU	8:59:51.24		-0.06	
			Sg	59:52.06		0.46	
KECS	58.7	292	Pg	8:60:01.45		0.06	
			Sg	60:08.59		-0.98	
TRPA	99.6	100	Pg	8:60:08.33		-0.37	
			Sg	60:20.63		-1.95	
KOLS	106.2	47	Pg	8:60:10.70		0.82	
			Sg	60:24.23		-0.45	
PSZ	106.6	248	Pg	8:60:09.78		-0.17	
			Sg	60:23.80		-1.00	
NIE	142.8	332	Sn	8:60:33.75		-1.37	
LANS	161.0	307	Sn	8:60:39.55		0.39	
DRGR	200.3	146	Pn	8:60:25.19		2.27	
			Sn	60:48.59		0.71	

1691.

2022-10-20 time: 9:47:48.50 UTC ML= 0.9
 lat: 47.371N lon: 18.246E h= 3.8 km
 erh= 6.0km erz= 1.4km
 nr= 6 gap=206 rms=0.10
 Locality: Mór
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	1.4	128	PgU	9:47:49.24		0.01	
			Sg	47:49.74		-0.05	
PKSG	11.1	78	Pg	9:47:50.66		0.05	
			Sg	47:52.25		0.00	
PKST	20.3	232	Pg	9:47:52.06		-0.13	
			Sg	47:55.30		0.24	

1692.

2022-10-20 time: 9:57:57.08 UTC ML= 0.8
 lat: 47.233N lon: 18.242E h= 0.0 km
 erh= 2.5km erz= 535km
 nr= 7 gap=152 rms=0.36
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	14.5	6	Pg	9:57:59.84		0.17	
			Sg	58:01.13		-0.56	
PKST	15.9	280	Pg	9:58:00.20		0.27	
			Sg	58:01.86		-0.29	

Hypocenter Parameters

PKSG 20.9 33 Pg 9:58:00.99 0.17
Sg 58:03.80 0.07
KOVH 127.7 185 Sg 9:58:36.46 -1.22

1693.

2022-10-20 time: 11:08:57.83 UTC ML= 1.2
lat: 47.817N lon: 16.005E h= 0.0 km
erh= 1.2km erz= 2.6km
nr= 9 gap=109 rms=0.32
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	16.4	319	Pg	11:09:00.92		0.16	
			Sg	09:03.11		0.07	
RONA	25.4	121	Pg	11:09:02.64		0.27	
			Sg	09:05.93		0.02	
ARSA	72.7	210	Pg	11:09:10.78		-0.03	
			Sg	09:20.48		-0.45	
MODS	113.2	57	Sg	11:09:33.32		-0.49	
KRUC	141.4	12	Sn	11:09:37.39		-4.35*	
SOKA	146.5	210	Sn	11:09:43.02		0.16	

1694.

2022-10-21 time: 7:14:39.57 UTC ML= 1.7
lat: 48.497N lon: 19.196E h= 0.0 km
erh= 4.1km erz= 3.8km
nr= 9 gap=200 rms=0.81
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
LANS	75.3	15	Pg	7:14:53.42		0.40	
			Sg	15:02.79		-0.72	
PENC	78.9	175	Sg	7:15:04.13		-0.50	
PSZ	82.7	141	Sg	7:15:04.94		-0.91	
KECS	95.3	91	Pg	7:14:57.71		1.12	
			Sg	15:10.39		0.52	
NIE	131.1	39	Pn	7:15:03.26		0.31	
			Sn	15:19.58		-1.61	
ABAH	153.0	98	Sn	7:15:25.02		-1.02	

1695.

2022-10-21 time: 7:57:47.69 UTC ML= 2.0
lat: 48.474N lon: 17.396E h= 0.0 km
erh= 1.5km erz= 370km
nr= 11 gap=187 rms=0.30
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	5.0	28	Pg	7:57:48.50		-0.09	
			Sg	57:49.13		-0.16	
MODS	14.2	218	Pg	7:57:50.40		0.17	
			Sg	57:52.63		0.42	
ZST	37.8	215	Pg	7:57:54.45		0.01	
KRUC	98.4	312	Pg	7:58:05.68		0.41	
			Sg	58:18.67		-0.31	
RONA	118.9	224	Pg	7:58:08.81		-0.11	
			Sg	58:24.70		-0.78	
CONA	129.2	242	Pg	7:58:10.77		0.00	
			Sg	58:26.81		-1.95*	

1696.

2022-10-21 time: 10:32:40.68 UTC ML= 1.8
lat: 48.666N lon: 19.676E h= 0.0 km
erh= 3.9km erz= ***km
nr= 9 gap=175 rms=0.81
Locality: Slovakia
Comments: probably explosion

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
LANS	56.0	344	Pg	10:32:50.71		0.03	
			Sg	32:57.83		-0.64	
KECS	63.1	109	Pg	10:32:53.21		1.25	
			Sg	33:00.80		0.05	
PSZ	84.7	169	Pg	10:32:56.19		0.37	
			Sg	33:06.36		-1.26	
NIE	95.8	29	Pg	10:32:58.15		0.36	
			Sg	33:09.49		-1.64	
ABAH	122.7	110	Sg	10:33:18.80		-0.89	

1697.

2022-10-21 time: 21:49:11.11 UTC ML= 1.8
lat: 47.391N lon: 19.964E h= 11.1 km
erh= 2.1km erz= 1.6km
nr= 25 gap= 85 rms=0.78
Locality: Portelek
Comments:

sta	dist	azm	phase	hr	mn	sec	res
BSZH	25.0	114	Pg	21:49:15.70		-0.30	
			Sg	49:19.95		0.14	
PKSN	55.4	188	Pg	21:49:21.78		0.59	
			Sg	49:29.54		0.48	
PSZ	58.9	355	Pg	21:49:21.78		-0.02	
			Sg	49:29.57		-0.58	
PKS7	71.9	238	Pg	21:49:24.06		-0.03	
			Sg	49:33.62		-0.60	
PKS6	93.1	199	Pg	21:49:27.64		-0.20	
			Sg	49:39.69		-1.21	
PKB2	96.8	215	Sg	21:49:40.83		-1.24	
PKB1	111.7	233	Pn	21:49:30.38		-0.27	
			Sn	49:44.78		-1.12	
PKS2	115.1	210	Pn	21:49:31.28		0.19	
			Sn	49:45.62		-1.05	
PKSG	118.8	270	Sn	21:49:46.82		-0.66	
PKB3	122.5	209	Sn	21:49:48.42		0.13	
PKB5	128.7	227	Pn	21:49:33.27		0.49	
			Sn	49:49.55		-0.13	
ABAH	138.7	43	Pn	21:49:34.38		0.36	
			Sn	49:51.13		-0.77	
PKB4	143.6	226	Pn	21:49:36.72		2.09	
			Sn	49:54.72		1.74	
PKS9	156.3	235	Sn	21:49:58.59		2.79	
MORH	165.0	218	Sn	21:50:00.86		3.13	

1698.

2022-10-22 time: 0:03:00.27 UTC ML= 2.0
lat: 46.467N lon: 16.164E h= 7.7 km
erh= 1.1km erz= 1.1km
nr= 41 gap= 83 rms=0.53
Locality: Slovenia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOGS	6.9	107	Pg	0:03:02.02		-0.10	
			Sg	03:03.23		-0.33	
BEHE	46.9	90	Pg	0:03:09.20		0.44	
			Sg	03:15.04		-0.35	
GROS	50.9	269	iPg	0:03:09.80		0.34	
DOBS	64.1	237	iPg	0:03:12.41		0.61	
			iSg	03:21.03		0.24	
PTJ	65.0	194	Pg	0:03:12.07		0.12	
			Sg	03:20.72		-0.34	
GOLS	65.6	219	iPg	0:03:12.56		0.50	
			iSg	03:21.04		-0.22	
ZAG	72.1	191	Pg	0:03:13.72		0.51	
			Sg	03:22.99		-0.32	
CESS	77.0	225	iPg	0:03:14.55		0.46	
			iSg	03:24.05		-0.82	
GCIS	78.5	212	iPg	0:03:14.38		0.03	
			iSg	03:24.42		-0.91	

Földrengés paraméterek

PERS	82.5	283	iPg	0:03:14.77	-0.30
LEGS	87.1	229	iPg	0:03:16.08	0.20
			eSg	03:27.03	-1.02
ZAVS	87.6	268	iPg	0:03:17.04	1.06
CRES	89.8	218	Pg	0:03:16.73	0.37
			Sg	03:28.03	-0.88
SOKA	89.9	285	Pg	0:03:16.05	-0.33
			Sg	03:26.66	-2.28
ARSA	99.9	331	Pg	0:03:17.16	-1.00
			Sg	03:31.40	-0.72
PDKS	100.6	243	iPg	0:03:18.12	-0.16
VNDS	119.8	250	iPn	0:03:21.40	0.15
OBKA	124.1	272	Pn	0:03:21.97	0.18
			Sn	03:38.07	-0.51
MOZS	133.8	262	ePn	0:03:23.38	0.39
RONA	137.4	4	Pn	0:03:23.24	-0.21
			Sn	03:40.88	-0.65
SOP	138.5	12	Pn	0:03:23.93	0.34
			Sn	03:40.91	-0.86
KOVH	155.0	106	Sn	0:03:44.53	-0.90
CONA	164.1	352	Pn	0:03:27.13	0.36
			Sn	03:47.95	0.50
PKB4	187.4	89	Sn	0:03:56.07	3.46*
MOA	210.6	317	Pn	0:03:33.80	1.23
			Sn	03:57.75	-0.02

1699.

2022-10-22 time: 9:19:54.96 UTC ML= 1.8					
lat: 47.121N lon: 19.741E h= 11.0 km					
erh= 1.6km erz= 1.2km					
nr= 20 gap=152 rms=0.50					
Locality: Csemő					
Comments:					

sta	dist	azm	phase	hr mn	sec	res
PKSN	26.7	159	Pg	9:19:59.93	-0.19	
			Sg	20:04.01	-0.13	
PKS7	44.8	259	Pg	9:20:03.95	0.75	
			Sg	20:10.06	0.43	
PKS2	80.7	210	Pg	9:20:09.26	-0.25	
PKB1	81.4	243	Pg	9:20:10.20	0.58	
			Sg	20:20.30	-0.76	
PENC	82.1	335	Sg	9:20:20.92	-0.36	
PSZ	89.4	7	Pg	9:20:10.98	-0.06	
			Sg	20:22.56	-1.02	
PKB5	96.5	233	Pg	9:20:12.32	0.03	
			Sg	20:24.40	-1.42	
PKSG	106.6	286	Pn	9:20:14.52	0.64	
			Sn	20:28.06	-0.57	
CSKK	115.3	283	Sn	9:20:30.24	-0.33	
PKST	130.3	277	Sn	9:20:34.40	0.51	
MORH	131.1	220	Pn	9:20:17.18	0.25	
			Sn	20:33.42	-0.65	
PKSM	131.6	220	Pn	9:20:17.26	0.27	
			Sn	20:33.66	-0.52	

1700.

2022-10-22 time: 10:50:04.34 UTC ML= 1.6					
lat: 47.110N lon: 19.769E h= 9.9 km					
erh= 0.8km erz= 1.0km					
nr= 7 gap=157 rms=0.13					
Locality: Nyársapát					
Comments:					

sta	dist	azm	phase	hr mn	sec	res
PKSN	24.8	163	Pg	10:50:08.93	-0.18	
			Sg	50:13.04	0.20	
PKB1	82.8	244	Pg	10:50:19.34	0.12	
			Sg	50:30.69	-0.14	
PSZ	90.3	6	Pg	10:50:20.63	0.06	
			Sg	50:33.16	-0.07	
PKSM	132.0	221	Sn	10:50:43.92	0.00	

Hypocenter Parameters

1701.

2022-10-22 time: 19:50:37.95 UTC ML= 2.3					
lat: 46.444N lon: 17.208E h= 14.7 km					
erh= 1.2km erz= 1.0km					
nr= 42 gap=110 rms=0.51					
Locality: Varászló					
Comments:					

sta	dist	azm	phase	hr mn	sec	res
BEHE	33.3	275	Pg	19:50:44.45	-0.01	
			Sg	50:49.35	-0.19	
TIH	72.9	46	Pg	19:50:51.02	-0.21	
			Sg	51:01.81	0.22	
KOGS	73.6	270	Pg	19:50:51.62	0.27	
KOVH	79.3	120	Pg	19:50:52.46	0.10	
			Sg	51:02.62	-0.98	
PKS9	83.7	79	P*	19:50:53.59	0.54	
PKSV	101.6	127	Pn	19:50:56.20	0.43	
			Sn	51:10.62	0.95	
PKB4	107.4	87	Pn	19:50:56.13	-0.36	
EGYH	108.6	5	Pn	19:50:57.64	1.00	
			Sn	51:12.46	1.24	
PKST	110.4	35	Pn	19:50:56.13	-0.73	
PKSM	113.4	103	Pn	19:50:57.04	-0.20	
			Sn	51:11.40	-0.88	
MORH	113.5	103	Pn	19:50:57.09	-0.16	
			Sn	51:12.20	-0.11	
PTJ	113.9	238	Pn	19:50:57.46	0.16	
PKB5	118.4	82	Pn	19:50:57.43	-0.44	
			Sn	51:13.96	0.55	
PKB1	127.1	73	Pn	19:50:58.52	-0.43	
			Sn	51:16.03	0.70	
CSKK	129.9	38	Pn	19:50:59.05	-0.25	
			Sn	51:15.01	-0.94	
GROS	131.1	271	Pn	19:50:58.84	-0.61	
PKSG	138.6	41	Pn	19:51:00.34	-0.05	
			Sn	51:15.70	-2.19*	
SOP	146.3	340	Pn	19:51:01.65	0.30	
CRES	151.8	243	Pn	19:51:02.14	0.12	
RONA	155.8	334	Pn	19:51:02.58	0.05	
ARSA	156.7	305	Pn	19:51:02.70	0.06	
			Sn	51:20.11	-1.78	
PERS	161.8	278	Pn	19:51:02.85	-0.43	
CONA	194.0	328	Pn	19:51:07.97	0.68	
WINA	203.9	335	Pn	19:51:09.10	0.58	
			Sn	51:31.14	-1.23	
OBKA	204.3	272	Pn	19:51:09.60	1.02	
			Sn	51:32.46	-0.01	
MODS	214.6	1	Pn	19:51:10.12	0.26	
ABNA	281.3	332	Pn	19:51:17.88	-0.29	
KRUC	297.4	348	Pn	19:51:20.01	-0.17	

1702.

2022-10-22 time: 20:59:56.68 UTC ML= 2.5					
lat: 46.455N lon: 17.194E h= 15.1 km					
erh= 1.0km erz= 0.9km					
nr= 56 gap= 57 rms=0.47					
Locality: Pat					
Comments: felt 4-5 EMS					

sta	dist	azm	phase	hr mn	sec	res
BEHE	32.2	273	Pg	21:00:03.25	0.22	
			Sg	00:08.24	0.25	
KOGS	72.5	269	Pg	21:00:09.54	-0.37	
			Sg	00:20.11	-0.12	
TIH	72.8	47	Pg	21:00:09.33	-0.63	
			Sg	00:20.52	0.21	
KOVH	80.8	120	P*	21:00:11.32	0.01	
			S*	00:22.59	-0.14	
PKS9	84.5	80	P*	21:00:12.24	0.37	
			S*	00:24.36	0.64	
RCF6	95.9	262	P*	21:00:13.30	-0.31	
PKSV	103.2	128	Pn	21:00:15.07	0.42	

Hypocenter Parameters

		Sn	00:28.75	0.08	
EGYH	107.4	6	Pn	21:00:16.44	1.26
		Sn	00:30.22	0.60	
PKB4	108.3	88	Pn	21:00:14.95	-0.35
		Sn	00:30.06	0.24	
PKST	109.9	36	Pn	21:00:14.86	-0.64
		Sn	00:29.05	-1.12	
PTJ	113.7	237	Pn	21:00:15.91	-0.06
		Sn	00:30.77	-0.24	
PKSM	114.7	104	Pn	21:00:15.87	-0.21
		Sn	00:31.48	0.26	
MORH	114.8	103	Pn	21:00:15.92	-0.18
		Sn	00:31.33	0.09	
PKB5	119.3	83	Pn	21:00:16.29	-0.37
		Sn	00:32.19	-0.05	
PKB1	127.7	73	Pn	21:00:17.33	-0.39
		Sn	00:34.16	0.04	
CSKK	129.5	39	Pn	21:00:18.10	0.16
		Sn	00:33.95	-0.57	
GROS	130.0	270	Pn	21:00:17.75	-0.25
PKSG	138.3	41	Pn	21:00:19.36	0.32
		Sn	00:35.92	-0.56	
SOP	144.8	341	Pn	21:00:21.10	1.25
CRES	151.4	242	Pn	21:00:20.43	-0.24
PKB3	153.8	91	Pn	21:00:20.65	-0.31
RONA	154.2	334	Pn	21:00:21.44	0.42
PKS2	155.1	88	Pn	21:00:21.45	0.32
ARSA	155.1	305	Pn	21:00:21.53	0.40
		Sn	00:38.97	-1.23	
PKB2	158.9	81	Pn	21:00:21.22	-0.38
PERS	160.6	277	Pn	21:00:21.67	-0.15
PKS7	164.0	66	Pn	21:00:21.68	-0.56
SOKA	167.6	278	Sn	21:00:43.21	0.24
BLY	189.7	180	Pn	21:00:26.37	0.93
CONA	192.4	328	Pn	21:00:26.64	0.86
WINA	202.3	335	Sn	21:00:48.86	-1.81*
OBKA	203.2	272	Pn	21:00:27.72	0.59
		Sn	00:51.51	0.63	
SMOL	229.5	4	ePn	21:00:32.00	1.59
		eSn	00:55.10	-1.62*	
MOA	270.8	305	Pn	21:00:35.14	-0.42
		Sn	01:06.03	0.15	
ABNA	279.7	332	Pn	21:00:36.79	0.13
		Sn	01:07.24	-0.61	
BIOA	303.0	297	Pn	21:00:39.58	0.00*
		Sn	01:13.62	0.59*	
LESA	360.5	287	Pn	21:00:45.47	-1.26*
		Sn	01:24.89	-0.88*	

1703.

2022-10-22 time: 22:42:37.35 UTC ML= 1.7
lat: 45.939N lon: 17.185E h= 18.9 km
erh= 5.7km erz= 4.0km
nr= 12 gap=188 rms=0.62
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	67.0	332	P*	22:42:50.10		0.59	
KOVH	72.8	77	P*	22:42:50.19		-0.20	
			S*	43:00.05		-0.52	
KOGS	91.7	308	P*	22:42:53.32		0.05	
			S*	43:04.12		-1.58	
RCF6	104.3	295	Sn	22:43:08.10		-0.62	
PKSM	116.7	75	Pn	22:42:56.68		0.17	
			Sn	43:11.43		-0.03	
MORH	117.0	75	Pn	22:42:55.98		-0.57	
			Sn	43:11.79		0.26	
PKB4	125.8	60	Sn	22:43:14.68		1.20	
CRES	134.7	265	Sn	22:43:16.83		1.36	

Földrengés paraméterek

1704.

2022-10-22 time: 22:59:31.62 UTC ML= 0.3
lat: 47.373N lon: 18.368E h= 11.7 km
erh= 4.1km erz= 0.8km
nr= 5 gap=186 rms=0.45
Locality: Gánt
Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSG	2.7	39	PgU	22:59:34.30		0.53	
			Sg	59:35.20		-0.24	
CSKK	8.2	262	Pg	22:59:34.32		0.15	
			Sg	59:35.36		-0.80	
BUD	51.0	76	Sg	22:59:47.86		-0.39	

1705.

2022-10-22 time: 23:34:59.25 UTC ML= 1.3
lat: 46.431N lon: 17.207E h= 14.1 km
erh= 6.7km erz= 2.9km
nr= 9 gap=164 rms=0.41
Locality: Varászló
Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	33.4	278	Pg	23:35:06.09		0.36	
			Sg	35:10.26		-0.52	
KOGS	73.5	272	Sg	23:35:22.84		-0.21	
KOVH	78.7	119	Pg	23:35:13.95		0.43	
			Sg	35:23.58		-1.07	
PKB4	107.6	86	Sn	23:35:32.30		-0.13	
PKSM	113.1	102	Sn	23:35:33.84		0.18	
MORH	113.2	102	Sn	23:35:33.41		-0.28	
PKB5	118.8	81	Sn	23:35:34.96		0.05	

1706.

2022-10-22 time: 23:51:24.24 UTC ML= 1.6
lat: 46.471N lon: 17.253E h= 11.2 km
erh= 2.5km erz= 2.6km
nr= 17 gap=138 rms=0.61
Locality: Nemesvid
Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	36.7	270	Pg	23:51:30.79		-0.30	
			Sg	51:35.45		-0.98	
KOGS	77.0	268	Pg	23:51:38.78		0.64	
			Sg	51:48.15		-0.84	
KOVH	77.9	123	Pg	23:51:38.70		0.40	
			Sg	51:48.93		-0.33	
PKSV	100.7	130	S*	23:51:56.19		-0.12	
PKB4	103.8	88	P*	23:51:43.47		0.75	
			S*	51:56.99		-0.15	
EGYH	105.4	3	P*	23:51:44.06		1.10	
			S*	51:57.01		-0.56	
PKST	106.0	34	Pn	23:51:42.88		-0.17	
			Sn	51:56.38		-1.34	
PKSM	110.7	105	Sn	23:51:58.34		-0.43	
MORH	110.8	105	Sn	23:51:58.30		-0.49	
PKB5	114.6	83	Sn	23:51:59.87		0.23	
PKB1	122.9	74	Sn	23:52:01.51		0.02	

1707.

2022-10-23 time: 2:44:04.53 UTC ML= 0.0
lat: 47.349N lon: 18.296E h= 10.0 km
erh= 1.5km erz= 0.6km
nr= 5 gap=187 rms=0.49
Locality: Csákberény
Comments:

Földrengés paraméterek

Hypocenter Parameters

sta dist azm phase hr mn sec res
 CSKK 3.1 300 Pg 2:44:07.01 0.61
 Sg 44:08.01 0.15
 PKSG 8.6 56 PgU 2:44:06.82 -0.06
 Sg 44:07.80 -0.91
 PKST 22.2 243 Sg 2:44:11.84 -0.43
 1708.

2022-10-23 time: 7:00:33.06 UTC ML= 1.4
 lat: 46.507N lon: 17.186E h= 17.2 km
 erh= 3.0km erz= 2.2km
 nr= 12 gap=133 rms=0.50
 Locality: Somogysimonyi
 Comments:

sta dist azm phase hr mn sec res
 BEHE 31.8 263 Pg 7:00:39.39 -0.12
 Sg 00:44.56 0.02
 KOGS 72.1 265 S* 7:00:56.18 -0.21
 KOVH 84.4 123 P* 7:00:47.71 -0.33
 S* 00:58.96 -0.76
 PKST 105.7 38 Sn 7:01:04.94 -0.18
 PKSV 107.3 130 Sn 7:01:06.14 0.67
 PKSM 116.7 106 Pn 7:00:53.22 0.77
 Sn 01:07.64 0.07
 MORH 116.8 106 Pn 7:00:51.97 -0.49
 Sn 01:07.74 0.15
 PKB5 119.3 85 Sn 7:01:09.40 1.26
 1709.

2022-10-23 time: 20:29:59.10 UTC ML= 0.1
 lat: 47.288N lon: 18.228E h= 5.7 km
 erh= 3.9km erz= 4.8km
 nr= 6 gap=211 rms=0.07
 Locality: Kincsesbánya
 Comments:

sta dist azm phase hr mn sec res
 CSKK 8.7 16 Pg 20:30:00.96 0.00
 Sg 30:02.37 -0.04
 PKST 15.0 258 Pg 20:30:01.90 -0.07
 Sg 30:04.25 0.04
 PKSG 16.9 47 Pg 20:30:02.40 0.12
 Sg 30:04.67 -0.09
 1710.

2022-10-24 time: 5:19:59.64 UTC ML= 1.8
 lat: 48.187N lon: 22.174E h= 9.7 km
 erh= 1.9km erz= 1.9km
 nr= 20 gap= 95 rms=0.63
 Locality: Nyírlövő
 Comments:

sta dist azm phase hr mn sec res
 TRPA 27.9 103 Pg 5:20:04.99 0.07
 Sg 20:08.37 -0.67
 UZH 50.1 10 Pg 5:20:08.85 0.09
 BRIU 65.0 75 Pg 5:20:11.79 0.41
 ABAH 70.4 280 Pg 5:20:12.27 -0.06
 Sg 20:20.67 -1.57
 KOLS 83.3 5 Pg 5:20:15.36 0.75
 Sg 20:26.23 -0.05
 NSLU 95.4 89 Pg 5:20:16.54 -0.23
 Sg 20:29.13 -1.00
 STZU 97.9 20 Pg 5:20:17.76 0.55
 Sg 20:30.05 -0.87
 MEZ 105.8 70 P* 5:20:18.70 0.13
 S* 20:31.65 -1.68
 KECS 129.4 285 Pn 5:20:21.70 0.14
 Sn 20:37.80 -0.87
 RAKU 149.8 96 Sn 5:20:44.19 0.99
 DRGR 160.4 165 Sn 5:20:45.45 -0.09

PSZ 172.5 260 Pn 5:20:27.81 0.87
 Sn 20:50.88 2.64*

1711.

2022-10-24 time: 6:08:30.04 UTC ML= 0.7
 lat: 47.373N lon: 18.252E h= 2.9 km
 erh= 3.1km erz= 0.9km
 nr= 5 gap=206 rms=0.05

Locality: Mór

Comments:

sta dist azm phase hr mn sec res
 CSKK 1.3 150 PgU 6:08:30.61 0.00
 Sg 08:31.05 0.00
 PKSG 10.7 79 Pg 6:08:31.95 -0.06
 Sg 08:33.65 0.10
 PKST 20.8 232 Sg 6:08:36.74 0.03

1712.

2022-10-24 time: 7:20:35.57 UTC ML= 1.3
 lat: 48.043N lon: 20.701E h= 0.0 km
 erh= 3.1km erz= 633km
 nr= 6 gap=202 rms=0.44

Locality: Kisgyör

Comments: probably explosion

sta dist azm phase hr mn sec res
 ABAH 49.0 55 Pg 7:20:44.86 0.55
 Sg 20:50.66 -0.47
 KECS 51.5 342 Pg 7:20:44.82 0.06
 Sg 20:51.28 -0.65
 PSZ 61.7 257 Pg 7:20:46.83 0.24
 Sg 20:54.57 -0.62

1713.

2022-10-24 time: 9:07:10.11 UTC ML= 1.2
 lat: 47.511N lon: 18.674E h= 0.0 km
 erh= 5.5km erz= 5.6km
 nr= 9 gap=175 rms=0.78

Locality: Mány

Comments: probably explosion

sta dist azm phase hr mn sec res
 PKSG 25.2 238 Pg 9:07:15.88 1.27
 Sg 07:18.11 0.00
 CSKK 35.3 242 Pg 9:07:16.78 0.37
 Sg 07:20.29 -1.04
 PKST 55.9 240 Pg 9:07:20.37 0.28
 Sg 07:26.75 -1.12
 VYHS 109.9 6 Sg 9:07:44.84 -0.22
 MORH 144.0 181 Sn 9:07:53.49 -1.11
 PKSM 144.5 181 Sn 9:07:53.99 -0.71

1714.

2022-10-24 time: 9:27:15.10 UTC ML= 1.2
 lat: 47.793N lon: 16.137E h= 11.7 km
 erh= 2.2km erz= 1.7km
 nr= 15 gap= 89 rms=0.62

Locality: Austria

Comments:

sta dist azm phase hr mn sec res
 RONA 15.8 131 PgU 9:27:18.76 0.15
 Sg 27:21.00 -0.35
 CONA 25.5 306 Pg 9:27:20.76 0.64
 Sg 27:23.75 -0.28
 SOP 33.8 111 Pg 9:27:21.62 0.13
 Sg 27:25.87 -0.61
 WINA 35.3 352 Pg 9:27:22.05 0.31
 Sg 27:26.46 -0.46

Hypocenter Parameters

ARSA	76.0	217	Sg	9:27:38.37	-1.17
MODS	106.7	53	Pn	9:27:34.69	0.75
			Sn	27:47.64	-1.00
ABNA	110.7	332	Pn	9:27:34.13	-0.31
			Sn	27:47.03	-2.50
KRUC	142.4	8	Pn	9:27:39.23	0.84
			Sn	27:55.98	-0.58

1715.

2022-10-25 time: 8:09:21.67 UTC ML= 1.2
lat: 45.857N lon: 18.416E h= 0.0 km
erh= 0.8km erz= 124km
nr= 8 gap=261 rms=0.09

Locality: Nagyharsány
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKSV	13.2	285	Pg	8:09:23.94	-0.08	
			Sg	09:25.98	0.13	
KOVH	35.5	316	Pg	8:09:27.97	-0.03	
			Sg	09:32.90	-0.04	
PKSM	43.1	24	Pg	8:09:29.50	0.14	
			Sg	09:35.29	-0.08	
MORH	43.6	24	Pg	8:09:29.50	0.05	
			Sg	09:35.37	-0.15	

1716.

2022-10-25 time: 8:33:10.21 UTC ML= 1.0
lat: 45.880N lon: 18.395E h= 0.0 km
erh= 1.6km erz= 251km
nr= 8 gap=247 rms=0.18

Locality: Villánykövesd
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKSV	11.1	275	Pg	8:33:12.04	-0.16	
			Sg	33:13.55	-0.20	
KOVH	32.5	315	Pg	8:33:16.21	0.19	
			Sg	33:20.71	0.15	
PKSM	41.5	27	Pg	8:33:17.78	0.15	
			Sg	33:23.27	-0.14	
MORH	42.0	27	PgU	8:33:17.78	0.07	
			Sg	33:23.18	-0.38	

1717.

2022-10-25 time: 8:47:47.17 UTC ML= 0.8
lat: 47.274N lon: 18.260E h= 0.0 km
erh= 4.2km erz= 619km
nr= 7 gap=221 rms=0.42

Locality: Kincsesbánya
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
CSKK	9.9	0	Pg	8:47:49.47	0.53	
			Sg	47:50.64	0.31	
PKSG	16.4	37	Pg	8:47:49.89	-0.22	
			Sg	47:51.79	-0.60	
PKST	17.1	264	Pg	8:47:50.01	-0.22	
			Sg	47:51.93	-0.69	
MPLH	55.8	258	Pg	8:47:57.51	0.38	

1718.

2022-10-25 time: 9:03:28.91 UTC ML= 1.7
lat: 48.591N lon: 19.353E h= 0.0 km
erh= 2.7km erz= 4.7km
nr= 10 gap=113 rms=0.73

Locality: Slovakia
Comments: probably explosion

Földrengés paraméterek

sta	dist	azm	phase	hr mn	sec	res
VYHS	39.7	254	Pg	9:03:36.28	0.29	
			Sg	03:40.63	-0.89	
LANS	62.8	8	Pg	9:03:40.47	0.34	
			Sg	03:48.30	-0.58	
KECS	84.5	98	Pg	9:03:43.88	-0.12	
			Sg	03:53.81	-1.95	
PSZ	84.9	152	Pg	9:03:44.86	0.79	
			Sg	03:54.57	-1.32	
ABAH	143.4	103	Pn	9:03:54.57	0.75	
			Sn	04:13.26	0.01	

1719.

2022-10-25 time: 10:00:31.11 UTC ML= 1.9
lat: 48.118N lon: 16.899E h= 0.0 km
erh= 3.2km erz= 6.0km
nr= 12 gap= 86 rms=0.99

Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
ZST	17.5	60	Pg	10:00:35.09	0.86	
			Sg	00:36.80	0.14	
MODS	40.0	45	PgU	10:00:38.69	0.44	
			Sg	00:43.38	-0.44	
RONA	64.7	224	Pg	10:00:43.93	1.25	
			Sg	00:51.52	-0.17	
CONA	80.2	255	Sg	10:00:55.68	-0.93	
KRUC	111.4	340	Sg	10:01:04.52	-2.00	
MPLH	115.8	155	Sg	10:01:07.10	-0.82	
PKST	127.9	138	Sg	10:01:09.84	-1.94	
ARSA	141.3	227	Pn	10:00:56.46	0.69	
			Sn	01:13.68	-1.32	

1720.

2022-10-25 time: 11:09:55.03 UTC ML= 1.9
lat: 48.703N lon: 21.510E h= 0.0 km
erh= 2.5km erz= 3.2km
nr= 18 gap=113 rms=1.10

Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
ABAH	49.5	204	Pg	11:10:04.92	1.06	
			Sg	10:11.65	0.89	
KOLS	61.6	65	Pg	11:10:07.36	1.33	
			Sg	10:13.14	-1.47	
KECS	79.4	252	Pg	11:10:09.71	0.50	
			Sg	10:19.51	-0.76	
STZU	88.8	67	Pg	11:10:11.76	0.88	
			Sg	10:23.31	0.06	
MUKU	91.2	108	Sg	11:10:24.51	0.50	
TRPA	99.3	130	Pg	11:10:13.41	0.65	
			Sg	10:23.87	-2.72	
NIE	118.3	312	Pg	11:10:16.22	0.08	
			Sg	10:31.16	-1.45	
PSZ	148.2	234	Pn	11:10:19.89	-0.65	
			Sn	10:38.92	-1.53	
MEZ	149.3	98	Sn	11:10:38.68	-2.00	
NSLU	154.6	111	Sn	11:10:39.69	-2.17	
LANS	157.7	288	Pn	11:10:22.40	0.68	

1721.

2022-10-26 time: 7:58:15.92 UTC ML= 1.8
lat: 46.806N lon: 17.434E h= 0.0 km
erh= 4.0km erz= ***km
nr= 12 gap=206 rms=0.91

Locality: Szigliget
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
TIH	36.5	73	Sg	7:58:28.75	1.23	

Földrengés paraméterek

MPLH	41.3	11	Pg	7:58:24.29	1.00
			Sg	58:29.46	0.42
PKST	67.9	42	Pg	7:58:27.73	-0.32
			Sg	58:36.89	-0.62
EGYH	68.4	353	Sg	7:58:33.05	-4.61
CSKK	88.1	45	Sg	7:58:43.93	-0.01
KOVH	94.8	147	Pg	7:58:32.89	0.05
			Sg	58:46.82	0.78
PKSG	97.5	48	Sg	7:58:46.35	-0.57
MORH	113.7	125	Sg	7:58:51.83	-0.23
PKSM	113.8	125	Sg	7:58:50.19	-1.90

1722.

2022-10-26 time: 8:14:58.80 UTC ML= 1.9
lat: 48.857N lon: 21.594E h= 0.0 km
erh= 2.5km erz= 4.2km
nr= 19 gap= 84 rms=1.04
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOLS	50.5	80	Pg	8:15:08.22	0.40		
			Sg	15:15.04	0.18		
ABAH	67.6	203	Pg	8:15:12.07	1.20		
			Sg	15:20.86	0.57		
HOLU	68.8	122	Sg	8:15:19.77	-0.89		
STZU	77.5	77	Pg	8:15:13.40	0.77		
KECS	91.6	243	Pg	8:15:15.87	0.72		
			Sg	15:26.95	-0.96		
TRPA	106.8	139	Pg	8:15:16.91	-0.96		
			Sg	15:31.59	-1.16		
NIE	112.4	304	Pg	8:15:19.80	0.93		
			Sg	15:32.21	-2.32		
KWP	118.3	43	Pg	8:15:20.04	0.12		
			Sg	15:34.45	-1.95		
LANS	158.9	282	Sn	8:15:45.00	-1.59		
PSZ	163.5	230	Pn	8:15:26.18	-0.04		
			Sn	15:46.40	-1.20		
OJC	199.6	319	Pn	8:15:33.77	3.05		
			Sn	15:55.16	-0.46		

1723.

2022-10-26 time: 9:16:13.81 UTC ML= 1.1
lat: 47.197N lon: 18.303E h= 0.0 km
erh= 1.8km erz= 536km
nr= 8 gap=149 rms=0.38
Locality: Székesfehérvár
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	18.7	350	Pg	9:16:17.18	0.03		
			Sg	16:19.04	-0.72		
PKST	21.5	289	Pg	9:16:18.11	0.47		
			Sg	16:20.24	-0.39		
PKSG	22.6	17	Sg	9:16:21.19	0.19		
MORH	112.2	167	Sg	9:16:49.87	0.41		
PKSM	112.6	167	Sg	9:16:49.34	-0.25		
KOVH	124.2	187	Sg	9:16:52.93	-0.37		

1724.

2022-10-26 time: 10:02:07.71 UTC ML= 0.9
lat: 48.471N lon: 21.406E h= 0.0 km
erh= 3.2km erz= 827km
nr= 5 gap=140 rms=0.38
Locality: Telkibánya
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	23.0	212	Pg	10:02:12.21	0.39		
			Sg	02:14.24	-0.79		
KECS	68.1	271	Sg	10:02:29.38	0.04		
KOLS	81.9	51	Sg	10:02:33.67	-0.08		

Hypocenter Parameters

TRPA	92.2	114	Sg	10:02:36.95	-0.06
1725.					

2022-10-26 time: 17:10:25.81 UTC ML= 1.2
lat: 45.549N lon: 17.320E h= 14.1 km
erh= 4.0km erz= 1.0km
nr= 8 gap=343 rms=0.14
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSV	81.8	63	Pg	17:10:40.45	-0.17		
			Sg	10:52.32	0.14		
KOVH	85.2	45	P*	17:10:41.20	0.00		
			S*	10:53.26	0.06		
PKSM	126.3	54	Pn	17:10:47.02	0.24		
			Sn	11:02.94	-0.21		
MORH	126.7	54	Pn	17:10:46.82	-0.02		
			Sn	11:03.21	-0.03		

1726.

2022-10-27 time: 8:29:17.92 UTC ML= 1.4
lat: 48.583N lon: 17.382E h= 0.0 km
erh= 2.6km erz= 4.7km
nr= 8 gap=218 rms=0.62
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	8.5	156	PgU	8:29:19.26	-0.17		
			Sg	29:20.16	-0.45		
MODS	24.5	198	Pg	8:29:22.88	0.58		
			Sg	29:25.42	-0.30		
ZST	47.7	206	Pg	8:29:27.18	0.73		
			Sg	29:32.64	-0.46		
VYHS	107.9	95	Sg	8:29:51.70	-0.51		
CONA	134.3	237	Sn	8:29:57.63	-2.62		

1727.

2022-10-27 time: 8:57:37.91 UTC ML= 1.9
lat: 48.500N lon: 19.407E h= 0.0 km
erh= 2.4km erz= 5.5km
nr= 10 gap= 94 rms=0.73
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	42.2	269	Pg	8:57:45.91	0.45		
			Sg	57:50.84	-0.50		
LANS	72.5	4	Pg	8:57:51.31	0.44		
			Sg	58:00.53	-0.44		
PSZ	74.1	151	Sg	8:58:01.43	-0.03		
PENC	79.4	187	Sg	8:58:01.94	-1.21		
KECS	79.7	91	Pg	8:57:53.26	1.11		
			Sg	58:02.66	-0.59		
NIE	121.9	33	Sg	8:58:15.32	-1.33		
ABAH	137.5	99	Sn	8:58:20.72	-0.24		

1728.

2022-10-27 time: 9:02:33.68 UTC ML= 0.8
lat: 47.212N lon: 18.290E h= 0.0 km
erh= 2.9km erz= 631km
nr= 7 gap=146 rms=0.46
Locality: Iszkaszentgyörgy
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	17.0	352	Pg	9:02:36.61	-0.10		
			Sg	02:38.72	-0.36		
PKST	20.0	285	Pg	9:02:37.55	0.29		

Hypocenter Parameters

PKSG 21.4 21	Sg	02:40.01	-0.04
	Pg	9:02:37.86	0.35
	Sg	02:40.48	-0.01
PKSM 114.4 166	Sg	9:03:07.83	-2.20
<hr/>			
1729.			

2022-10-27 time: 9:12:46.31 UTC ML= 2.0
lat: 48.208N lon: 21.243E h= 0.0 km
erh= 1.9km erz=15.8km
nr= 11 gap=157 rms=0.49
Locality: Rátka
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	9.8	359	Pg	9:12:48.12		0.06	
			Sg	12:49.53		0.11	
KECS	63.9	299	Pg	9:12:57.94		0.22	
			Sg	13:06.08		-0.55	
HOLU	91.7	67	Pg	9:13:03.26		0.58	
TRPA	96.8	95	Pg	9:13:03.89		0.29	
			Sg	13:16.32		-0.76	
PSZ	105.5	252	Sg	9:13:19.15		-0.70	
KOLS	110.9	43	Pg	9:13:06.39		0.29	
			Sg	13:20.63		-0.91	
STZU	135.8	49	Sn	9:13:25.96		-3.00*	

1730.

2022-10-27 time: 9:35:55.93 UTC ML= 2.0
lat: 48.876N lon: 20.476E h= 0.0 km
erh= 3.4km erz= 4.7km
nr= 14 gap= 98 rms=0.92
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	43.7	179	Pg	9:36:03.33		-0.41	
			Sg	36:08.57		-1.27	
NIE	61.5	349	Pg	9:36:07.54		0.63	
			Sg	36:14.42		-1.05	
LANS	79.8	292	Pg	9:36:09.98		-0.20	
			Sg	36:20.53		-0.76	
ABAH	85.7	139	Pg	9:36:11.68		0.45	
			Sg	36:22.56		-0.61	
PSZ	114.9	202	Pg	9:36:17.89		1.44	
			Sg	36:31.72		-0.74	
KOLS	131.9	87	Pn	9:36:19.37		-0.04	
			Sn	36:35.50		-2.23	
OJC	157.2	342	Pn	9:36:24.07		1.50	
			Sn	36:42.85		-0.49	

1731.

2022-10-27 time: 11:45:00.30 UTC ML= 2.0
lat: 47.337N lon: 18.420E h= 0.0 km
erh= 1.5km erz= 3.3km
nr= 21 gap= 80 rms=0.81
Locality: Zámoly
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	6.5	340	Pg	11:45:01.73		0.26	
			Sg	45:02.35		-0.02	
CSKK	12.4	284	Pg	11:45:02.78		0.26	
			Sg	45:04.54		0.29	
PKST	30.4	254	Pg	11:45:06.11		0.37	
			Sg	45:09.16		-0.82	
BUD	48.4	70	Sg	11:45:15.92		0.24	
PKB1	67.6	155	Sg	11:45:22.74		0.95	
MPLH	69.2	254	Pg	11:45:13.89		1.23	
			Sg	45:21.24		-1.06	
PKB4	94.5	171	Sg	11:45:30.02		-0.31	
PKB3	117.4	150	Sg	11:45:37.69		0.07	
MORH	125.8	172	Pg	11:45:23.51		0.75	

Földrengés paraméterek

PKSM	126.2	172	Sg	45:39.01	-1.27
			Pg	11:45:23.51	0.68
			Sg	45:38.55	-1.86
PSZ	128.3	60	Pg	11:45:22.82	-0.39
			Sg	45:39.96	-1.12
KOVH	140.9	190	Sn	11:45:42.46	-1.64
MODS	143.6	323	Sn	11:45:41.83	-2.85
PKSV	161.5	185	Sn	11:45:48.17	-0.50

1732.

2022-10-27 time: 14:20:10.77 UTC ML= 2.2
lat: 47.727N lon: 16.027E h= 7.4 km
erh= 1.6km erz= 1.5km
nr= 45 gap= 55 rms=0.94
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	20.5	99	Pg	14:20:14.84		0.18	
			Sg	20:17.73		0.03	
CONA	25.5	331	Pg	14:20:15.87		0.35	
			Sg	20:19.76		0.54	
SOP	40.2	97	Pg	14:20:18.03		-0.04	
			Sg	20:22.91		-0.86	
WINA	42.4	5	Pg	14:20:19.35		0.89	
			Sg	20:25.59		1.14	
ARSA	65.2	216	Pg	14:20:21.11		-1.38	
			Sg	20:28.18		-3.44	
ZST	95.8	57	Pg	14:20:27.38		-0.55	
			Sg	20:40.54		-0.77	
EGYH	104.1	109	Pg	14:20:30.33		0.93	
			Sg	20:44.63		0.69	
ABNA	113.8	337	Pn	14:20:30.32		-0.72	
			Sn	20:44.69		-2.16	
MODS	117.7	52	Pn	14:20:31.33		-0.20	
			Sn	20:47.08		-0.65	
MPLH	129.8	118	Pn	14:20:32.84		-0.20	
			Sn	20:49.88		-0.53	
MOA	132.6	276	Pn	14:20:33.04		-0.35	
			Sn	20:49.64		-1.39	
SMOL	136.2	50	Pn	14:20:32.45		-1.38	
			Sn	20:52.68		0.86	
SOKA	138.9	213	Pn	14:20:32.67		-1.49	
KOGS	143.2	173	Pn	14:20:36.47		1.76	
			Sn	20:52.37		-1.01	
KRUC	150.9	10	Pn	14:20:35.97		0.31	
			Sn	20:53.84		-1.24	
BEHE	150.9	158	Sn	14:20:55.58		0.50	
RCF6	155.1	182	Sn	14:20:56.47		0.46	
PKST	160.0	109	Pn	14:20:38.04		1.24	
			Sn	20:57.99		0.88	
OBKA	175.8	220	Pn	14:20:40.18		1.40	
			Sn	21:00.73		0.11	
TREC	178.8	347	ePn	14:20:39.50		0.35	
BIOA	179.3	269	Pn	14:20:40.67		1.47	
			Sn	21:02.06		0.68	
KBA	214.9	250	Pn	14:20:44.90		1.25	
			Sn	21:11.18		1.89	
VYHS	225.9	68	Pn	14:20:44.24		-0.78	
KOVH	241.1	139	Pn	14:20:46.64		-0.28	
MORC	253.7	26	Pn	14:20:49.17		0.68	
			Sn	21:17.80		-0.11	
PKSM	260.7	130	Pn	14:20:49.94		0.58	

1733.

2022-10-27 time: 16:18:36.92 UTC ML= 1.6
lat: 47.720N lon: 16.004E h= 6.3 km
erh= 2.0km erz= 1.9km
nr= 30 gap= 59 rms=0.99
Locality: Austria
Comments:

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
RONA	22.0	96	Pg	16:18:41.09	0.08		
			Sg	18:43.89	-0.32		
CONA	25.5	335	Pg	16:18:42.08	0.47		
			Sg	18:45.92	0.65		
SOP	41.8	96	Pg	16:18:43.49	-0.98		
			Sg	18:49.38	-0.97		
WINA	43.4	7	Pg	16:18:45.57	0.82		
			Sg	18:51.81	0.96		
ARSA	63.6	215	PgD	16:18:47.34	-0.98		
			Sg	18:54.54	-2.68		
ZST	97.6	57	Sg	16:19:07.79	-0.23		
EGYH	105.4	109	Pg	16:18:56.89	1.11		
			Sg	19:10.66	0.17		
ABNA	113.9	338	Pg	16:18:56.71	-0.58		
			Sg	19:11.72	-1.46		
MODS	119.6	53	Pn	16:18:57.75	-0.30		
			Sn	19:12.97	-1.56		
MPLH	130.9	118	Pn	16:18:59.94	0.47		
			Sn	19:15.77	-1.29		
MOA	131.0	276	Pn	16:18:59.86	0.38		
			Sn	19:16.02	-1.06		
KOGS	142.6	172	Sn	16:19:18.94	-0.71		
KRUC	152.0	11	Pn	16:19:02.19	0.09		
			Sn	19:20.22	-1.51		
PKST	161.4	109	Pn	16:19:04.54	1.28		
			Sn	19:25.04	1.23		
CSKK	174.4	103	Sn	16:19:28.75	2.03		
BIOA	177.6	269	Pn	16:19:07.10	1.81		
			Sn	19:28.90	1.49		
KBA	213.1	250	Sn	16:19:37.73	2.44		

1734.

2022-10-27 time: 18:05:42.21 UTC ML= 1.1
lat: 48.009N lon: 16.524E h= 12.2 km
erh= 2.4km erz= 3.1km
nr= 10 gap=122 rms=0.45
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
SOP	36.3	176	Pg	18:05:49.46	0.42		
			Sg	05:54.31	-0.07		
RONA	38.4	206	Pg	18:05:49.46	0.06		
			Sg	05:54.23	-0.78		
CONA	50.3	260	Pg	18:05:51.80	0.35		
			Sg	05:58.30	-0.35		
MODS	69.2	54	Pg	18:05:55.01	0.26		
			Sg	06:03.39	-1.15		
KRUC	117.5	355	Pn	18:06:02.53	0.20		
			Sn	06:17.16	-0.86		

1735.

2022-10-28 time: 3:49:53.25 UTC ML= 1.8
lat: 48.575N lon: 17.480E h= 7.4 km
erh= 1.9km erz= 1.3km
nr= 19 gap= 93 rms=0.63
Locality: Slovakia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
SMOL	7.8	209	PgD	3:49:55.72	0.56		
			Sg	49:56.69	0.03		
MODS	27.0	214	Pg	3:49:58.42	0.18		
			Sg	50:01.96	-0.17		
ZST	50.6	214	Pg	3:50:02.25	-0.13		
			Sg	50:08.43	-1.07		
KRUC	96.3	304	Pg	3:50:10.84	0.34		
			Sg	50:22.29	-1.67		
VYHS	100.5	95	Sg	3:50:24.42	-0.87		
SRO	104.9	144	Sg	3:50:25.65	-1.03		
WINA	116.6	243	Pn	3:50:14.33	0.45		
			Sn	50:29.74	-0.22		

330

Hypocenter Parameters

RONA	131.3	222	Pn	3:50:16.15	0.44
MORC	133.7	2	Sn	3:50:33.56	-0.21
CONA	140.1	239	Sn	3:50:35.52	0.34
ABNA	151.3	274	Pn	3:50:19.00	0.79
			Sn	50:36.80	-0.87
PKST	152.1	164	Sn	3:50:38.83	0.98
KRLC	174.4	343	Sn	3:50:45.82	3.02*

1736.

2022-10-28 time: 7:43:06.54 UTC ML= 2.0
lat: 46.919N lon: 22.837E h= 0.0 km
erh= 8.6km erz= 4.9km
nr= 9 gap=166 rms=0.93
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	17.1	214	Pg	7:43:09.81	0.22		
			Sg	43:12.44	0.47		
TRPA	136.6	351	Sn	7:43:46.42	-2.95		
			Pn	7:43:35.19	0.47		
GZR	169.6	182	Sn	43:54.71	-1.99		
			Pn	7:43:35.52	0.42		
BZS	172.6	213	Pn	7:43:35.57	-0.80		
			Sn	43:56.57	-0.80		
MEZ	184.5	16	Pn	7:43:36.74	0.17		
			Sn	44:01.06	1.06		

1737.

2022-10-28 time: 9:30:13.11 UTC ML= 1.9
lat: 48.990N lon: 21.406E h= 0.0 km
erh= 6.4km erz= 6.7km
nr= 13 gap=155 rms=1.62
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOLS	63.8	96	Sg	9:30:33.45	0.05		
			Pg	9:30:27.39	0.32		
ABAH	78.2	189	Sg	30:35.45	-2.51		
			Pg	9:30:30.93	2.08		
KECS	88.1	230	Sg	30:40.95	-0.17		
			Pg	9:30:29.44	0.53		
HOLU	88.5	126	Sg	30:40.01	-1.22		
			Pg	9:30:40.01	-2.60		
NIE	92.8	301	Sg	9:30:40.01	-2.60		
			Pg	9:30:35.41	-0.39		
TRPA	127.1	139	Sg	30:50.32	-3.18		
			Pg	9:30:43.30	2.78		
PSZ	163.4	223	Sg	31:00.99	-0.91		
			Pn	9:31:01.71	-0.28		
MEZ	163.8	109	Sg	9:31:01.71	-0.28		

1738.

2022-10-28 time: 9:50:56.79 UTC ML= 1.3
lat: 46.221N lon: 18.252E h= 0.0 km
erh= 3.4km erz= 940km
nr= 9 gap=133 rms=0.71
Locality: Komló
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOHV	18.9	218	Pg	9:51:00.65	0.50		
			Sg	51:03.07	0.29		
PKSM	30.1	92	Pg	9:51:02.45	0.29		
			Sg	51:05.89	-0.46		
MORH	30.3	91	Pg	9:51:02.84	0.65		
			Sg	51:05.73	-0.68		
PKSV	37.0	180	Sg	9:51:07.53	-1.01		
			Pg	9:51:09.61	-0.17		
PKB4	40.9	42	Sg	9:51:30.97	-2.87		
			Pg	9:51:30.97	-2.87		
PKST	116.6	352	Sg	9:51:30.97	-2.87		

Hypocenter Parameters

1739.

2022-10-28 time: 10:13:08.20 UTC ML= 1.3
 lat: 48.819N lon: 20.119E h= 0.0 km
 erh= 1.5km erz= 523km
 nr= 7 gap=113 rms=0.35
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	46.1	144	Pg	10:13:16.95			0.52
			Sg	13:22.59			-0.26
LANS	60.3	308	Sg	10:13:27.65			0.30
NIE	68.2	12	Sg	10:13:29.68			-0.19
ABAH	101.1	125	Sg	10:13:40.17			-0.17
VYHS	101.2	249	Sg	10:13:40.17			-0.20
PSZ	101.5	189	Sg	10:13:40.02			-0.46

1740.

2022-10-28 time: 10:18:47.24 UTC ML= 1.7
 lat: 48.999N lon: 19.405E h= 0.0 km
 erh= 2.4km erz= 4.9km
 nr= 11 gap=158 rms=0.68
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
LANS	17.4	15	Pg	10:18:49.69			-0.67
			Sg	18:52.90			0.11
VYHS	70.1	217	Pg	10:19:00.33			0.58
			Sg	19:09.37			-0.14
NIE	81.0	55	Pg	10:19:01.62			-0.08
			Sg	19:12.62			-0.35
KECS	98.0	126	Pg	10:19:06.05			1.31
			Sg	19:18.14			-0.25
PSZ	125.5	163	Pg	10:19:09.92			0.27
			Sg	19:26.08			-1.05
PENC	134.7	184	Sn	10:19:28.31			-1.35

1741.

2022-10-28 time: 10:40:55.79 UTC ML= 2.0
 lat: 48.429N lon: 17.215E h= 0.0 km
 erh= 2.9km erz= 997km
 nr= 10 gap=121 rms=0.80
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	7.6	143	PgU	10:40:57.46			0.31
			Sg	40:58.96			0.75
SMOL	18.4	59	Pg	10:40:58.96			-0.11
			Sg	41:01.74			0.10
ZST	27.2	198	Pg	10:41:00.61			-0.03
			Sg	41:04.46			0.04
KRUC	92.7	319	Pg	10:41:13.60			1.25
			Sg	41:23.46			-1.81
VYHS	120.1	87	Pg	10:41:16.85			-0.38
			Sg	41:31.95			-2.01

1742.

2022-10-28 time: 23:58:00.60 UTC ML= 1.0
 lat: 46.419N lon: 16.324E h= 15.4 km
 erh= 5.5km erz= 1.9km
 nr= 9 gap=259 rms=0.68
 Locality: Slovenia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOGS	6.6	300	Pg	23:58:03.84			0.26
			Sg	58:04.98			-0.93
RCF6	29.6	251	Pg	23:58:07.03			0.47

Földrengés paraméterek

			Sg	58:10.42	-0.79
GROS	63.4	274	Sg	23:58:22.84	1.51
CRES	94.0	225	S*	23:58:30.24	0.08
PERS	95.8	285	S*	23:58:30.34	-0.29
SOKA	103.2	286	Sn	23:58:31.48	-1.03
ARSA	110.8	327	Sn	23:58:34.48	0.27

1743.

2022-10-31 time: 3:06:53.48 UTC ML= 3.2
 lat: 45.530N lon: 18.274E h= 1.3 km
 erh= 2.7km erz= 2.0km
 nr= 61 gap=101 rms=1.35
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSV	39.9	358	PgD	3:07:00.97			0.36
			Sg	07:05.99			-0.18
KOVH	63.6	348	PgD	3:07:05.08			0.25
			Sg	07:12.66			-1.02
PKSM	81.0	21	PgD	3:07:07.76			-0.19
			Sg	07:17.49			-1.74
MORH	81.5	21	PgD	3:07:07.82			-0.21
			Sg	07:17.91			-1.48
R93E	109.7	262	Pg	3:07:13.47			0.41
PKB4	110.4	13	Pg	3:07:12.79			-0.41
			Sg	07:27.26			-1.32
PKS9	117.5	0	Pg	3:07:13.65			-0.82
BLY	122.0	225	Pg	3:07:14.24			-1.03
			Sg	07:29.11			-3.15
PKB3	122.3	36	PgD	3:07:14.52			-0.81
PKB5	123.7	17	Pg	3:07:14.43			-1.14
PKS2	129.3	34	Pn	3:07:14.94			-1.54
PKB1	145.1	16	Pn	3:07:16.80			-1.64
			Sn	07:36.94			-0.97
PKB2	147.6	30	Pn	3:07:19.07			0.31
TIH	155.1	349	Pn	3:07:20.63			0.94
			Sn	07:39.47			-0.67
PKS6	155.3	40	Pn	3:07:20.58			0.86
			Sn	07:39.95			-0.23
BEHE	156.2	312	Pn	3:07:21.01			1.18
ZAG	180.7	281	Pn	3:07:24.98			2.09
			Sn	07:47.14			1.31
PKS7	182.0	22	Pn	3:07:24.65			1.60
			Sn	07:47.57			1.46
PTJ	185.0	283	Pn	3:07:24.87			1.45
			Sn	07:47.52			0.75
RCE5	185.5	124	Sn	3:07:47.95			1.07
KOGS	187.1	303	Pn	3:07:21.84			-1.84
			Sn	07:49.02			1.78
MPLH	190.9	343	Pn	3:07:26.10			1.94
			Sn	07:50.25			2.16
PKST	193.1	355	Pn	3:07:26.05			1.62
			Sn	07:50.74			2.17
PKSN	195.5	39	Pn	3:07:27.39			2.66
RCF6	200.5	296	Pn	3:07:24.25			-1.10
CSKK	203.8	360	Pn	3:07:25.16			-0.60
			Sn	07:53.69			2.74
PKSG	207.2	2	Pn	3:07:24.96			-1.23
			Sn	07:54.44			2.74
EGYH	221.9	341	Pn	3:07:28.48			0.45
CRES	222.0	279	Pn	3:07:27.74			-0.29
			Sn	07:58.46			3.48
PBUD	222.5	15	Sn	3:07:59.64			4.54
BANR	224.4	94	Sn	3:07:59.05			3.53
BUD	224.7	15	Pn	3:07:32.54			4.17
			Sn	07:59.54			3.96
GROS	238.4	296	Pn	3:07:28.24			-1.84
SF5A	238.4	21	Pn	3:07:29.63			-0.45
SRO	253.9	1	Pn	3:07:32.06			0.05
BZS	261.1	88	Pn	3:07:30.83			-2.08
SOP	273.1	331	Pn	3:07:32.76			-1.65
PERS	273.4	297	Pn	3:07:32.56			-1.89
SOKA	281.3	297	Pn	3:07:33.74			-1.68

Földrengés paraméterek

RONA	284.9	328	Pn	3:07:34.75	-1.12
			Sn	08:06.14	-2.80
ARSA	285.3	312	Pn	3:07:34.63	-1.29
OBKA	308.3	291	Pn	3:07:37.56	-1.24*
ZST	309.6	343	ePn	3:07:38.50	-0.46*
CONA	324.2	325	Pn	3:07:39.60	-1.18*
			Sn	08:15.15	-2.52*
MODS	325.1	347	Pn	3:07:40.54	-0.35*
WINA	332.2	330	Pn	3:07:41.35	-0.42*
			Sn	08:16.74	-2.69*
VYHS	332.3	7	ePn	3:07:42.80	1.01*
SMOL	337.9	349	Pn	3:07:42.93	0.44*
DRGR	370.3	68	Pn	3:07:44.65	-1.88*
MYKA	378.6	289	Pn	3:07:46.32	-1.24*
ABAH	381.6	36	Pn	3:07:46.96	-0.97*
			Sn	08:27.17	-3.23*
MOA	400.7	310	Pn	3:07:50.12	-0.19*
			Sn	08:32.75	-1.88*
ABNA	410.4	328	Pn	3:07:53.16	1.63*
			Sn	08:33.35	-3.45*
KBA	417.0	294	Pn	3:07:52.59	0.25*
			Sn	08:37.23	-1.03*
KRUC	417.6	340	Pn	3:07:51.73	-0.69*
			Sn	08:35.87	-2.53*
BIOA	428.8	304	Pn	3:07:52.87	-0.95*
			Sn	08:40.00	-0.88*
TREC	468.5	333	ePn	3:07:59.00	0.23*
			eSn	08:44.10	-5.59*
MORC	475.4	353	Pn	3:07:59.05	-0.58*
LESA	478.7	296	Pn	3:08:00.13	0.09*
			Sn	08:50.75	-1.20*
WTTA	545.7	291	Pn	3:08:10.35	1.96*
			Sn	09:01.99	-4.84*
WATA	552.6	291	Pn	3:08:10.63	1.38*
MOTA	586.9	290	Sn	3:09:15.08	-0.88*
FETA	604.7	286	Pn	3:08:17.71	1.95*

1744.

2022-10-31 time: 10:44:51.52 UTC ML= 1.8
lat: 48.729N lon: 18.643E h= 0.0 km
erh= 1.9km erz= 2.2km
nr= 19 gap= 87 rms=0.88
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	29.8	151	Pg	10:44:57.92	1.09		
			Sg	45:01.83	0.85		
LANS	76.4	52	Pg	10:45:06.92	1.76		
			Sg	45:15.76	-0.05		
SMOL	92.7	255	Sg	10:45:20.60	-0.38		
MODS	108.3	249	Pg	10:45:10.73	-0.13		
			Sg	45:25.93	-0.02		
PENC	114.7	156	Pg	10:45:12.51	0.52		
			Sg	45:26.87	-1.09		
PSZ	129.4	134	Pg	10:45:14.98	0.36		
			Sg	45:30.94	-1.70		
KECS	138.6	101	Pn	10:45:16.15	0.32		
			Sn	45:33.13	-1.67		
MORC	141.4	325	Pn	10:45:15.29	-0.89		
			Sn	45:34.69	-0.73		
NIE	144.1	58	Pn	10:45:17.17	0.65		
			Sn	45:34.77	-1.25		
PKSG	149.9	187	Sn	10:45:36.58	-0.73		
PKST	169.7	196	Sn	10:45:41.12	-0.58		

1745.

2022-10-31 time: 10:50:57.85 UTC ML= 2.0
lat: 48.671N lon: 18.676E h= 0.0 km
erh= 2.4km erz= 2.7km
nr= 21 gap=126 rms=0.98
Locality: Slovakia
Comments: probably explosion

332

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
LANS	78.8	47	Pg	10:51:12.68	0.75		
			Sg	51:21.39	-1.51		
SMOL	93.6	259	Pg	10:51:14.72	0.15		
			Sg	51:26.66	-0.95		
SRO	99.1	196	Pg	10:51:17.10	1.55		
			Sg	51:29.79	0.43		
PENC	107.8	155	Pg	10:51:17.85	0.75		
			Sg	51:31.47	-0.65		
PSZ	123.3	133	Pg	10:51:20.20	0.34		
			Sg	51:34.86	-2.17		
KECS	135.2	99	Pn	10:51:21.39	-0.35		
			Sn	51:37.20	-3.18		
PKSG	143.9	188	Sn	10:51:40.73	-1.57		
NIE	145.8	55	Pn	10:51:23.58	0.52		
			Sn	51:41.05	-1.67		
PKST	164.2	197	Pn	10:51:25.39	0.03		
			Sn	51:45.43	-1.38		
OJC	190.5	25	Pn	10:51:29.46	0.83		
			Sn	51:52.16	-0.48		
ABAH	194.1	102	Pn	10:51:29.15	0.06		
			Sn	51:54.49	1.04		

1746.

2022-10-31 time: 12:04:23.77 UTC ML= 1.6
lat: 46.880N lon: 22.862E h= 0.0 km
erh= 4.4km erz= 2.5km
nr= 7 gap=309 rms=0.44
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	15.1	229	Pg	12:04:26.39	-0.08		
			Sg	04:28.90	0.33		
DEV	110.8	178	Sg	12:04:59.07	0.07		
GZR	165.4	182	Pn	12:04:51.91	0.48		
			Sn	05:12.10	-0.90		
BZS	170.1	214	Sn	12:05:13.19	-0.86		
BANR	213.3	219	Sn	12:05:23.88	0.24		

1747.

2022-10-31 time: 13:05:56.91 UTC ML= 1.3
lat: 47.860N lon: 16.046E h= 0.0 km
erh= 2.1km erz= 6.0km
nr= 8 gap= 89 rms=0.73
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	15.7	299	PgU	13:05:59.83	0.11		
			Sg	06:02.37	0.46		
RONA	25.9	133	Pg	13:06:01.82	0.29		
			Sg	06:04.64	-0.49		
ARSA	78.3	210	Sg	13:06:21.46	-0.34		
MODS	108.1	58	Pg	13:06:16.97	0.77		
			Sg	06:30.31	-0.94		
KRUC	136.2	11	Sn	13:06:36.88	-2.77		

1748.

2022-10-31 time: 13:13:20.91 UTC ML= 1.4
lat: 48.558N lon: 20.811E h= 0.0 km
erh= 5.0km erz= 616km
nr= 6 gap=242 rms=0.36
Locality: Hidvégardó
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	25.5	251	Pg	13:13:24.99	-0.47		
			Sg	13:29.25	0.24		
ABAH	43.0	133	Pg	13:13:28.90	0.30		
			Sg	13:34.18	-0.41		

Hypocenter Parameters

PSZ	98.5 224	Pg	13:13:38.85	0.35
		Sg	13:51.99	-0.22
1749.				

2022-10-31 time: 14:27:38.50 UTC ML= 1.5
 lat: 48.598N lon: 20.831E h= 0.0 km
 erh= 3.1km erz= 5.3km
 nr= 7 gap=229 rms=0.54
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	28.5	243	Pg	14:27:43.42	-0.17
			Sg	27:47.65	0.09
ABAH	45.2	138	Pg	14:27:46.94	0.37
			Sg	27:53.13	0.27
PSZ	102.7	223	Pg	14:27:57.12	0.28
			Sg	28:10.26	-0.88
TRPA	136.8	112	Sn	14:28:18.48	-2.91

1750.

2022-10-31 time: 17:17:18.59 UTC ML= 1.8
 lat: 46.068N lon: 17.056E h= 11.2 km
 erh= 2.5km erz= 1.5km
 nr= 25 gap=156 rms=0.74
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
BEHE	49.7	334	Pg	17:17:27.59	-0.10
			Sg	17:35.30	0.51
KOGS	75.2	304	Pg	17:17:32.83	0.66
			Sg	17:42.89	0.13
KOVH	80.7	88	Pg	17:17:33.06	-0.09
			Sg	17:45.03	0.53
RCF6	89.7	289	Sg	17:17:46.79	-0.52
PKSV	94.8	102	Pg	17:17:35.45	-0.18
			Sg	17:48.50	-0.43
PKS9	110.4	58	Pn	17:17:37.33	-0.63
			Sn	17:52.60	-0.46
PKSM	123.5	83	Pn	17:17:39.01	-0.58
			Sn	17:55.52	-0.44
MORH	123.8	82	Pn	17:17:39.00	-0.62
			Sn	17:55.83	-0.19
CRES	126.9	258	Pn	17:17:42.65	2.64
			Sn	17:57.41	0.69
GROS	127.6	290	Pn	17:17:39.59	-0.51
			Sn	17:54.96	-1.91
MPLH	128.0	17	Sn	17:17:56.45	-0.52
PKB4	128.4	68	Pn	17:17:41.47	1.27
			Sn	17:57.16	0.10
PKB5	142.0	66	Sn	17:18:00.76	0.70
PKST	152.1	29	Sn	17:18:02.65	0.34
PKB1	155.4	59	Sn	17:18:05.26	2.22

1751.

2022-11-02 time: 9:07:16.25 UTC ML= 1.5
 lat: 48.616N lon: 21.440E h= 0.0 km
 erh= 2.8km erz= ***km
 nr= 12 gap=103 rms=0.86
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	38.6	203	Pg	9:07:23.95	0.81
			Sg	07:28.10	-0.41
HOLU	70.4	98	Sg	9:07:37.57	-1.05
KOLS	70.7	60	Pg	9:07:28.88	0.01
			Sg	07:38.66	-0.05
KECS	72.0	258	Sg	9:07:38.66	-0.47
STZU	97.6	63	Pg	9:07:34.20	0.52
TRPA	97.7	124	Pg	9:07:34.98	1.28

Földrengés paraméterek

BRIU	120.8	105	Sg	07:45.78	-1.53
			Pg	9:07:37.17	-0.66
NIE	121.5	317	Pg	9:07:38.35	0.40
			Sg	07:52.43	-2.44

1752.

2022-11-02 time: 9:27:40.87 UTC ML= 1.3
 lat: 47.363N lon: 18.499E h= 0.0 km
 erh= 2.5km erz= 5.3km
 nr= 11 gap=116 rms=0.76
 Locality: Csákvár
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	8.8	292	Pg	9:27:42.54	0.10
			Sg	27:42.84	-0.82
CSKK	18.0	270	Pg	9:27:44.50	0.42
			Sg	27:47.17	0.58
PKST	37.0	252	Pg	9:27:48.04	0.57
			Sg	27:52.07	-0.55
PSZ	121.7	59	Sg	9:28:20.69	1.13
MORH	128.0	175	Sg	9:28:20.38	-1.17
VYHS	128.3	11	Sg	9:28:20.22	-1.43
PKSM	128.4	175	Sg	9:28:20.53	-1.15
KOVH	144.9	192	Sn	9:28:26.26	0.71

1753.

2022-11-02 time: 9:30:03.88 UTC ML= 2.0
 lat: 46.473N lon: 17.203E h= 11.7 km
 erh= 1.7km erz= 1.4km
 nr= 38 gap=108 rms=0.81
 Locality: Somogyszimonyi
 Comments:

sta	dist	azm	phase	hr mn sec	res
BEHE	32.8	269	Pg	9:30:10.30	0.19
			Sg	30:15.36	0.40
KOGS	73.2	268	Pg	9:30:17.59	0.46
			Sg	30:27.49	0.03
KOVH	81.3	122	Pg	9:30:19.06	0.50
			Sg	30:29.60	-0.40
MPLH	81.6	18	Pg	9:30:17.63	-0.98
			Sg	30:29.18	-0.91
PKS9	83.5	81	Pg	9:30:19.72	0.78
			Sg	30:31.19	0.50
RCF6	96.9	261	P*	9:30:20.06	-1.21
			S*	30:31.87	-2.95
PKSV	103.9	129	S*	9:30:36.57	-0.16
EGYH	105.4	5	Pn	9:30:23.98	1.42
			Sn	30:37.76	0.64
PKB4	107.6	89	Pn	9:30:23.51	0.67
			Sn	30:37.38	-0.24
PKST	107.9	36	Pn	9:30:22.48	-0.39
			Sn	30:36.05	-1.64
PKSM	114.5	105	Pn	9:30:23.00	-0.70
			Sn	30:39.21	0.06
MORH	114.6	104	Pn	9:30:23.02	-0.69
			Sn	30:38.69	-0.48
PTJ	115.3	236	Pn	9:30:24.26	0.46
			Sn	30:38.22	-1.11
PKB5	118.4	83	Pn	9:30:23.42	-0.76
			Sn	30:40.12	0.11
PKB1	126.5	74	Pn	9:30:24.29	-0.90
			Sn	30:42.35	0.53
CSKK	127.6	39	Pn	9:30:25.88	0.56
			Sn	30:41.96	-0.09
GROS	130.7	269	Pn	9:30:26.32	0.61
			Sn	30:41.77	-0.96
CRES	152.9	242	Pn	9:30:49.46	1.79
PKB3	153.2	92	Pn	9:30:50.63	2.90
ARSA	154.5	304	Pn	9:30:47.88	-0.14
PERS	161.0	276	Pn	9:30:31.25	1.76
			Sn	30:49.53	0.06

Földrengés paraméterek

Hypocenter Parameters

1754.

2022-11-02 time: 9:34:01.88 UTC ML= 1.8
 lat: 48.606N lon: 20.796E h= 0.0 km
 erh= 3.3km erz= 3.6km
 nr= 15 gap=129 rms=1.18
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	26.7	239	Pg	9:34:07.43		0.78	
			Sg	34:10.45		0.08	
ABAH	47.6	136	Pg	9:34:11.69		1.30	
			Sg	34:17.27		0.25	
PSZ	101.7	221	Pg	9:34:20.79		0.76	
			Sg	34:33.07		-1.12	
KOLS	114.5	71	Sg	9:34:36.27		-2.01	
LANS	114.7	302	Pg	9:34:23.07		0.71	
			Sg	34:36.81		-1.53	
TRPA	139.6	112	Sn	9:34:42.93		-2.45	
STZU	141.7	71	Pn	9:34:27.67		1.08	
			Sn	34:44.24		-1.62	
PENC	144.6	231	Sn	9:34:45.10		-1.39	
VYHS	145.2	265	Pn	9:34:27.64		0.61	
			Sn	34:45.03		-1.61	

1755.

2022-11-02 time: 9:36:12.63 UTC ML= 1.7
 lat: 47.347N lon: 18.537E h= 0.0 km
 erh= 3.8km erz= ***km
 nr= 9 gap=118 rms=1.04
 Locality: Lovasberény
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	12.1	294	PgU	9:36:15.43		0.64	
			Sg	36:15.98		-0.49	
CSKK	20.9	275	Pg	9:36:17.29		0.92	
			Sg	36:18.28		-1.01	
PKST	39.2	256	Sg	9:36:25.35		0.25	
PSZ	120.2	58	Sg	9:36:52.13		1.29	
MORH	126.0	176	Sg	9:36:52.51		-0.19	
PKSM	126.5	176	Sg	9:36:51.14		-1.69	
VYHS	129.5	10	Sg	9:36:51.45		-2.33	

1756.

2022-11-02 time: 9:47:59.77 UTC ML= 2.0
 lat: 48.514N lon: 18.744E h= 0.0 km
 erh= 2.3km erz= 3.1km
 nr= 18 gap= 69 rms=0.99
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	7.2	108	PgU	9:48:02.00		0.94	
			Sg	48:03.27		1.21	
LANS	88.5	37	Pg	9:48:16.13		0.56	
			Sg	48:27.43		-0.47	
PENC	89.9	154	Sg	9:48:28.05		-0.29	
PSZ	108.2	128	Pg	9:48:19.53		0.44	
			Sg	48:32.86		-1.30	
MODS	109.6	262	Pg	9:48:20.86		1.52	
			Sg	48:33.87		-0.74	
ZST	126.7	254	Sg	9:48:38.43		-1.61	
PKSG	127.6	192	Sg	9:48:39.52		-0.80	
KECS	128.8	92	Pg	9:48:22.94		0.17	
			Sg	48:37.81		-2.90	
CSKK	133.0	196	Sn	9:48:40.37		-1.44	
PKST	149.3	201	Sn	9:48:45.56		0.13	
NIE	152.7	49	Pn	9:48:26.19		0.34	
			Sn	48:44.78		-1.41	
MORC	165.5	328	Sn	9:48:48.04		-0.99	

334

1757.

2022-11-02 time: 10:04:40.27 UTC ML= 1.8
 lat: 46.886N lon: 17.297E h= 0.0 km
 erh= 2.4km erz= 4.6km
 nr= 22 gap= 93 rms=0.98
 Locality: Várvölgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	36.5	30	Pg	10:04:45.60		-1.19	
			Sg	04:50.14		-1.75	
TIH	45.4	88	Pg	10:04:49.09		0.71	
			Sg	04:56.01		1.30	
EGYH	59.1	3	Sg	10:04:59.46		0.41	
PKST	69.7	54	Pg	10:04:53.82		1.11	
			Sg	05:03.29		0.88	
CSKK	90.3	54	Sg	10:05:07.79		-1.18	
KOGS	93.7	239	Sg	10:05:10.73		0.66	
PKSG	100.2	56	Pg	10:04:59.50		1.34	
			Sg	05:11.98		-0.14	
KOVH	108.0	145	Pg	10:04:58.99		-0.57	
			Sg	05:13.74		-0.86	
RCF6	119.5	239	Pg	10:05:02.04		0.44	
MORH	127.4	126	Pg	10:05:03.60		0.58	
			Sg	05:19.22		-1.54	
PKSM	127.5	126	Pg	10:05:03.29		0.26	
			Sg	05:18.63		-2.16	
ARSA	140.7	287	Sn	10:05:23.45		-0.56	
GROS	145.3	251	Pn	10:05:05.01		-0.41	
			Sn	05:25.05		0.02	
CONA	158.6	317	Sn	10:05:24.73		-3.26	

1758.

2022-11-02 time: 12:45:17.47 UTC ML= 0.8
 lat: 46.042N lon: 18.466E h= 0.0 km
 erh= 1.7km erz= 379km
 nr= 10 gap=189 rms=0.29
 Locality: Máriakéménd
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSM	23.2	36	Pg	12:45:21.63		0.02	
			Sg	45:25.12		0.27	
MORH	23.7	35	Pg	12:45:21.40		-0.30	
			Sg	45:24.96		-0.04	
PKSV	23.8	224	Pg	12:45:21.55		-0.17	
			Sg	45:25.19		0.16	
KOVH	28.8	280	Pg	12:45:22.90		0.29	
			Sg	45:26.28		-0.34	
PKB4	51.6	12	Pg	12:45:27.08		0.40	
			Sg	45:33.16		-0.71	

1759.

2022-11-02 time: 13:01:13.29 UTC ML= 1.1
 lat: 47.900N lon: 16.092E h= 0.0 km
 erh= 2.4km erz= 4.4km
 nr= 6 gap=136 rms=0.50
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	17.5	281	Pg	13:01:16.67		0.25	
			Sg	01:19.22		0.36	
RONA	27.0	145	Pg	13:01:18.37		0.26	
			Sg	01:22.01		0.14	
ARSA	83.9	211	Sg	13:01:38.16		-1.80	
KRUC	131.2	10	Pn	13:01:36.32		-0.36	

Hypocenter Parameters

1760.

2022-11-02 time: 13:04:38.64 UTC ML= 0.7
 lat: 47.827N lon: 16.008E h= 0.0 km
 erh= 3.6km erz= 7.8km
 nr= 7 gap=106 rms=1.24
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	15.7	316	Pg	13:04:42.18			0.74
			Sg	04:44.97			1.35
RONA	25.8	123	Pg	13:04:43.73			0.48
			Sg	04:47.45			0.60
ARSA	73.8	210	Sg	13:05:00.92			-1.17
MODS	112.4	57	Sg	13:05:13.24			-1.11
KRUC	140.2	12	Sn	13:05:18.97			-3.31

1761.

2022-11-03 time: 3:46:43.42 UTC ML= 1.9
 lat: 48.559N lon: 17.655E h= 8.1 km
 erh= 1.9km erz= 1.5km
 nr= 32 gap= 67 rms=0.83
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
SMOL	17.5	253	Pg	3:46:47.52			0.65
			Sg	46:50.29			0.74
MODS	34.7	234	Pg	3:46:50.21			0.41
			Sg	46:54.86			0.09
ZST	57.5	225	Pg	3:46:53.77			-0.02
			Sg	47:00.74			-1.14
SRO	96.3	149	Pg	3:47:00.49			-0.19
			Sg	47:12.05			-2.09
KRUC	108.1	301	Pg	3:47:02.54			-0.25
			Sg	47:16.25			-1.64
WINA	127.6	247	Pn	3:47:05.91			0.58
			Sn	47:21.67			-0.74
EGYH	129.3	191	Sn	3:47:21.56			-1.22
MORC	135.7	357	Pn	3:47:06.26			-0.07
			Sn	47:23.42			-0.78
RONA	139.2	227	Pn	3:47:07.17			0.40
			Sn	47:25.54			0.56
PKSG	140.9	157	Pn	3:47:06.24			-0.75
			Sn	47:22.99			-2.38
PKST	147.3	169	Sn	3:47:26.98			0.20
PENC	148.1	125	Sn	3:47:27.33			0.37
LANS	148.4	64	Sn	3:47:28.20			1.18
CONA	150.6	242	Pn	3:47:09.57			1.38
			Sn	47:28.14			0.63
MPLH	154.7	183	Sn	3:47:29.07			0.65
ABNA	164.3	274	Pn	3:47:10.38			0.47
			Sn	47:30.29			-0.27
KRLC	180.2	339	Sn	3:47:34.59			0.51
PSZ	181.0	113	Sn	3:47:36.63			2.38
TIH	185.3	174	Sn	3:47:38.37			3.15
DPC	221.4	334	ePn	3:47:16.90			-0.12
			eSn	47:41.30			-1.93
KHC	306.0	282	eSn	3:48:11.70			9.71*

1762.

2022-11-03 time: 8:43:29.50 UTC ML= 1.7
 lat: 48.848N lon: 21.815E h= 0.0 km
 erh= 1.5km erz= 567km
 nr= 13 gap= 97 rms=0.48
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOLS	34.9	74	Pg	8:43:36.42			0.68
			Sg	43:41.11			0.51
STZU	62.1	73	Pg	8:43:40.32			-0.27

Földrengés paraméterek

			Sg	43:49.54	0.31
ABAH	74.7	215	Sg	8:43:55.00	1.77
TRPA	96.1	146	Pg	8:43:46.65	-0.02
			Sg	43:59.84	-0.21
KECS	106.0	247	Pg	8:43:48.36	-0.07
			Sg	44:02.81	-0.39
KWP	108.7	37	Sg	8:44:04.29	0.24
NIE	126.7	300	Sg	8:44:09.21	-0.55
MEZ	130.5	107	Pg	8:43:52.58	-0.23
			Sg	44:09.83	-1.16

1763.

2022-11-03 time: 9:48:06.11 UTC ML= 1.4
 lat: 47.302N lon: 18.520E h= 0.0 km
 erh= 3.2km erz= ***km
 nr= 9 gap=119 rms=0.78
 Locality: Pátka
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	14.0	316	PgU	9:48:09.08			0.46
			Sg	48:09.51			-1.06
CSKK	20.8	289	PgU	9:48:10.40			0.57
			Sg	48:12.13			-0.59
PKST	37.1	263	Pg	9:48:13.66			0.92
			Sg	48:16.68			-1.22
MORH	121.1	176	Sg	9:48:43.45			-1.15
PKSM	121.5	176	Sg	9:48:44.99			0.25
PSZ	124.0	56	Sg	9:48:45.07			-0.46

1764.

2022-11-03 time: 9:57:44.26 UTC ML= 1.6
 lat: 47.330N lon: 18.446E h= 0.0 km
 erh= 1.4km erz= 2.8km
 nr= 10 gap=114 rms=0.38
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	8.1	329	PgU	9:57:45.60			-0.10
			Sg	57:46.49			-0.33
CSKK	14.5	285	Pg	9:57:46.69			-0.16
			Sg	57:48.37			-0.50
PKST	32.1	256	Pg	9:57:50.52			0.52
			Sg	57:55.09			0.62
MORH	124.8	173	Sg	9:58:23.95			0.03
PKSM	125.2	173	Sg	9:58:23.71			-0.35
PSZ	127.0	59	Sg	9:58:25.18			0.54
KOVH	140.5	191	Sn	9:58:27.51			-0.47

1765.

2022-11-03 time: 10:00:03.11 UTC ML= 1.8
 lat: 48.433N lon: 17.237E h= 0.0 km
 erh= 2.1km erz= 3.9km
 nr= 8 gap=162 rms=0.56
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	7.2	156	PgU	10:00:04.31			-0.09
			Sg	00:04.97			-0.44
SMOL	16.7	58	Pg	10:00:06.49			0.39
			Sg	00:08.45			0.02
KRUC	93.4	318	Pg	10:00:20.61			0.82
			Sg	00:32.25			-0.55
MORC	151.1	8	Pn	10:00:28.53			-0.45
			Sn	00:47.24			-1.92

Földrengés paraméterek

1766.

2022-11-03 time: 10:25:24.72 UTC ML= 0.9
 lat: 47.220N lon: 18.284E h= 0.0 km
 erh= 4.6km erz= ***km
 nr= 8 gap=143 rms=0.72
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	16.0	354	Pg	10:25:27.71		0.13	
			Sg	25:29.02		-0.80	
PKST	19.4	283	Pg	10:25:28.21		0.03	
			Sg	25:30.08		-0.80	
PKSG	20.8	23	Pg	10:25:28.87		0.44	
			Sg	25:30.88		-0.44	
MPLH	56.7	264	Pg	10:25:35.72		0.88	
PKSM	115.3	166	Sg	10:25:58.48		-2.91	

1767.

2022-11-03 time: 19:53:39.94 UTC ML= 1.8
 lat: 45.892N lon: 16.056E h= 9.3 km
 erh= 1.4km erz= 1.0km
 nr= 18 gap=132 rms=0.42
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PTJ	7.7	277	PgU	19:53:41.75		-0.33	
			Sg	53:44.78		1.02	
ZAG	8.5	215	Pg	19:53:41.64		-0.54	
			Sg	53:43.94		0.01	
CRES	47.1	261	Pg	19:53:48.60		0.09	
			Sg	53:55.55		0.35	
RCF6	49.6	351	Pg	19:53:49.01		0.06	
			Sg	53:56.06		0.07	
KOGS	63.6	14	Pg	19:53:51.11		-0.31	
			Sg	53:59.97		-0.41	
BEHE	85.0	41	Pg	19:53:55.28		0.08	
			Sg	54:07.50		0.40	
SOKA	117.7	318	Sn	19:54:15.76		-0.71	
OBKA	135.1	301	Pn	19:54:03.22		0.60	
			Sn	54:22.70		2.38*	
KOVH	159.9	82	Sn	19:54:25.53		-0.29	
PKSM	203.2	80	Sn	19:54:35.95		0.50	
MORH	203.5	80	Sn	19:54:36.20		0.69	

1768.

2022-11-04 time: 0:43:31.81 UTC ML= 1.8
 lat: 47.980N lon: 16.890E h= 10.9 km
 erh= 1.2km erz= 1.1km
 nr= 32 gap= 66 rms=0.64
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZST	28.8	33	PgD	0:43:37.49		0.19	
			Sg	43:41.33		-0.26	
SOP	41.3	217	PgD	0:43:39.42		-0.02	
			Sg	43:44.34		-1.04	
MODS	52.4	33	PgU	0:43:41.44		0.07	
			Sg	43:47.96		-0.86	
RONA	54.3	235	PgD	0:43:41.70		0.00	
			Sg	43:48.52		-0.89	
WINA	62.5	283	Pg	0:43:43.80		0.66	
			Sg	43:51.34		-0.64	
EGYH	70.8	152	Pg	0:43:45.85		1.24	
			Sg	43:54.85		0.26	
SMOL	71.6	34	Pg	0:43:44.83		0.09	
			Sg	43:53.73		-1.09	
CONA	77.0	266	PgD	0:43:45.90		0.20	
			Sg	43:55.53		-1.00	
MPLH	102.5	152	P*	0:43:50.25		0.13	

Hypocenter Parameters

			S*	44:03:24	-1.17
SRO	108.0	100	Sn	0:44:05.26	-0.57
PKST	117.6	133	Pn	0:43:52.95	0.84
			Sn	44:07.78	-0.17
CSKK	123.7	124	Sn	0:44:08.42	-0.88
KRUC	125.7	343	Pn	0:43:53.71	0.58
			Sn	44:09.15	-0.60
PKSG	130.3	120	Pn	0:43:53.61	-0.09
			Sn	44:09.20	-1.57
ARSA	130.9	232	Pn	0:43:54.05	0.28
			Sn	44:10.56	-0.35
ABNA	132.5	305	Pn	0:43:54.73	0.75
			Sn	44:11.47	0.20
TREC	179.1	325	ePn	0:44:01.30	1.52
			eSn	44:21.90	0.31

1769.

2022-11-04 time: 7:51:39.45 UTC ML= 1.4
 lat: 47.298N lon: 18.315E h= 0.0 km
 erh= 1.6km erz= 2.7km
 nr= 13 gap= 88 rms=0.66
 Locality: Magyaralmás
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	8.3	330	PgU	7:51:41.12		0.18	
			Sg	51:42.16		0.06	
PKSG	11.9	29	PgU	7:51:41.59		0.01	
			Sg	51:43.13		-0.10	
PKST	21.7	258	Pg	7:51:43.80		0.48	
			Sg	51:46.81		0.47	
MPLH	60.4	256	Sg	7:51:58.68		0.02	
PKB1	67.7	148	Sg	7:52:02.75		1.79	
MORH	122.9	168	Sg	7:52:17.61		-0.92	
PKSM	123.3	168	Sg	7:52:17.69		-0.96	
KOVH	135.5	187	Sn	7:52:21.44		-0.61	
PSZ	137.3	60	Sn	7:52:22.07		-0.39	
MODS	142.6	327	Sn	7:52:21.21		-2.41	

1770.

2022-11-04 time: 8:40:03.46 UTC ML= 1.7
 lat: 47.892N lon: 19.365E h= 0.0 km
 erh= 6.6km erz= ***km
 nr= 9 gap=211 rms=1.23
 Locality: Becske
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	12.9	209	Pg	8:40:07.67		1.91	
			Sg	40:08.77		1.21	
PSZ	39.7	86	Pg	8:40:10.86		0.32	
			Sg	40:16.18		0.11	
SF5A	40.1	177	Sg	8:40:16.53		0.32	
PKSG	92.0	233	Sg	8:40:32.06		-0.63	
PKSN	116.9	161	Sg	8:40:38.80		-1.82	
PKST	122.4	235	Pg	8:40:23.67		-1.65	
			Sg	40:41.46		-0.90	

1771.

2022-11-04 time: 9:32:09.33 UTC ML= 0.6
 lat: 47.251N lon: 18.249E h= 0.0 km
 erh= 4.1km erz= 526km
 nr= 6 gap=239 rms=0.32
 Locality: Kincsesbánya
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	12.5	4	Pg	9:32:11.99		0.43	
			Sg	32:13.60		0.31	
PKST	16.3	273	Pg	9:32:12.29		0.05	
			Sg	32:14.01		-0.50	
PKSG	18.9	34	Pg	9:32:12.52		-0.19	

Hypocenter Parameters

Sg 32:14.95 -0.40
1772.

2022-11-04 time: 11:13:33.77 UTC ML= 1.4
lat: 47.626N lon: 18.460E h= 0.0 km
erh= 4.4km erz= ***km
nr= 7 gap=120 rms=0.80
Locality: Vértestolna
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	26.6	191	PgU	11:13:39	37	0.86	
			Sg	13:41	48	-0.74	
CSKK	32.9	207	Pg	11:13:40	52	0.88	
			Sg	13:43	26	-0.96	
PKST	51.9	218	Sg	11:13:49	42	-0.86	
PSZ	112.3	73	Sg	11:14:08	91	-0.56	
MODS	121.2	313	Sg	11:14:11	88	-0.42	

1773.

2022-11-05 time: 12:04:17.60 UTC ML= 0.5
lat: 47.663N lon: 16.682E h= 16.1 km
erh= 2.1km erz= 1.5km
nr= 9 gap=123 rms=0.39
Locality: Fertőboz
Comments:

sta	dist	azm	phase	hr	mn	sec	res
SOP	9.6	283	Pg	12:04:21	13	0.19	
			Sg	04:22	83	-0.72	
RONA	29.3	278	Pg	12:04:23	91	0.35	
			Sg	04:27	81	-0.40	
EGYH	56.0	119	Sg	12:04:36	02	-0.11	
WINA	67.2	317	Pg	12:04:30	53	0.60	
CONA	68.2	296	Sg	12:04:39	82	-0.04	
MODS	90.6	29	S*	12:04:45	60	-0.52	
ARSA	98.7	242	S*	12:04:48	07	-0.25	

1774.

2022-11-05 time: 21:35:28.06 UTC ML= 1.5
lat: 45.881N lon: 16.000E h= 3.5 km
erh= 1.9km erz= 2.7km
nr= 9 gap=168 rms=0.39
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
PTJ	3.9	302	Pg	21:35:28	68	-0.32	
			Sg	35:29	76	0.03	
ZAG	5.8	185	Pg	21:35:29	23	-0.05	
			Sg	35:30	52	0.29	
CRES	42.7	262	Pg	21:35:35	61	-0.09	
			Sg	35:41	91	0.24	
RCF6	50.3	356	Sg	21:35:42	81	-1.29	
KOGS	65.9	17	Sg	21:35:49	83	0.79	
GROS	75.1	329	Sg	21:35:52	20	0.25	

1775.

2022-11-06 time: 5:39:58.22 UTC ML= 0.6
lat: 45.897N lon: 18.709E h= 10.0 km
erh= 3.9km erz=13.7km
nr= 8 gap=238 rms=0.31
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSM	35.4	352	Pg	5:40:04	85	0.07	
			Sg	40:10	09	0.19	
PKSV	35.4	268	Pg	5:40:04	93	0.13	
			Sg	40:09	56	-0.37	

Földrengés paraméterek

MORH	35.8	352	PgU	5:40:05	0.00	0.15
			Sg	40:10	19	0.16
KOVH	51.7	294	Sg	5:40:14	63	-0.34
			Sg	5:40:21	04	-1.78

1776.

2022-11-07	time:	8:23:45	11	UTC	ML=	2.2
lat:	48.423N	lon:	18.663E	h=	0.0 km	
erh=	5.8km	erz=	5.7km			
nr=	11	gap=	202			
Comments:	probably explosion					

sta	dist	azm	phase	hr	mn	sec	res
PENC	84.1	147	Pg	8:24:01	71	1.58	
			Sg	24:11	19	-0.65	
LANS	100.2	36	Pg	8:24:03	60	0.58	
			Sg	24:15	39	-1.59	
PSZ	107.4	121	Pg	8:24:05	48	1.18	
			Sg	24:18	15	-1.11	
PKSG	116.4	190	Sg	8:24:21	29	-0.83	
CSKK	121.6	194	Sg	8:24:22	54	-1.22	
KECS	135.0	87	Pn	8:24:08	81	-0.17	
			Sn	24:25	87	-1.73	
ABAH	191.5	94	Sn	8:24:40	59	0.46	

1777.

2022-11-07	time:	9:29:01	39	UTC	ML=	1.7
lat:	48.516N	lon:	17.443E	h=	0.0 km	
erh=	5.0km	erz=	731km			
nr=	8	gap=	267			
Comments:	probably explosion					

sta	dist	azm	phase	hr	mn	sec	res
SMOL	1.1	256	PgU	9:29:01	00	-0.58	
			Sg	29:01	61	-0.12	
MODS	20.0	218	Pg	9:29:04	91	-0.05	
			Sg	29:08	45	0.70	
ZST	43.6	215	Pg	9:29:08	99	-0.19	
			Sg	29:15	47	0.22	
KRUC	98.0	308	Pg	9:29:19	50	0.61	
RONA	124.6	223	Sg	9:29:37	82	-3.18	

1778.

2022-11-07	time:	10:02:35	49	UTC	ML=	1.7
lat:	48.548N	lon:	20.821E	h=	0.0 km	
erh=	2.5km	erz=	5.0km			
nr=	13	gap=	92			
Comments:	probably explosion					

sta	dist	azm	phase	hr	mn	sec	res
KECS	25.8	254	Pg	10:02:39	82	-0.28	
			Sg	02:43	73	0.04	
ABAH	41.8	132	Pg	10:02:42	64	-0.32	
			Sg	02:50	31	1.53	
PSZ	98.2	225	Pg	10:02:53	05	0.03	
			Sg	03:06	74	0.04	
NIE	103.7	339	Pg	10:02:55	16	1.14	
			Sg	03:08	15	-0.31	
KOLS	115.1	68	Sg	10:03:10	26	-1.82	
LANS	119.8	304	Pg	10:02:57	35	0.47	
			Sg	03:11	28	-2.29	
TRPA	135.6	110	Pn	10:02:59	62	0.18	
			Sn	03:16	99	-1.12	

Földrengés paraméterek

Hypocenter Parameters

1779.

2022-11-07 time: 12:34:10.65 UTC ML= 2.0
 lat: 46.158N lon: 16.415E h= 0.0 km
 erh= 3.0km erz= 893km
 nr= 8 gap=138 rms=0.63
 Locality: Croatia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOGS	34.7	339	Sg	12:34:21.55			-0.12
RCF6	40.2	299	Sg	12:34:22.80			-0.62
BEHE	44.4	39	Pg	12:34:18.54			-0.05
			Sg	34:25.30			0.52
PTJ	45.6	231	Sg	12:34:24.70			-0.43
CRES	82.9	244	Pg	12:34:26.24			0.78
			Sg	34:36.95			-0.06
KOVS	130.4	93	Sg	12:34:49.79			-2.33

1780.

2022-11-07 time: 13:27:05.81 UTC ML= 1.5
 lat: 48.600N lon: 21.409E h= 0.0 km
 erh= 5.1km erz= ***km
 nr= 8 gap=161 rms=0.99
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	36.1	200	Pg	13:27:12.83			0.57
			Sg	27:18.23			0.94
KECS	69.4	259	Pg	13:27:18.31			0.10
			Sg	27:26.60			-1.27
KOLS	73.5	60	Pg	13:27:20.34			1.40
			Sg	27:28.48			-0.71
TRPA	98.7	122	Pg	13:27:22.77			-0.68
			Sg	27:35.13			-2.07

1781.

2022-11-08 time: 6:58:34.19 UTC ML= 1.7
 lat: 45.572N lon: 17.343E h= 12.9 km
 erh= 1.9km erz= 1.1km
 nr= 10 gap=217 rms=0.23
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSV	79.1	64	Pg	6:58:48.62			0.13
			Sg	58:59.34			-0.31
KOVS	82.2	46	Sg	6:59:00.47			-0.17
BEHE	109.1	336	Sn	6:59:08.31			0.32
PKSM	123.4	55	Pn	6:58:54.84			-0.12
			Sn	59:11.39			0.23
MORH	123.8	55	Pn	6:58:55.27			0.26
			Sn	59:10.69			-0.57
CRES	149.6	281	Pn	6:58:58.16			-0.07
			Sn	59:16.87			-0.11

1782.

2022-11-08 time: 7:30:23.30 UTC ML= 1.8
 lat: 47.311N lon: 18.327E h= 0.0 km
 erh= 1.9km erz= 2.5km
 nr= 18 gap=109 rms=0.91
 Locality: Magyaralalmás
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	7.7	319	PgU	7:30:25.00			0.33
			Sg	30:26.26			0.51
PKSG	10.2	28	PgU	7:30:25.67			0.54
			Sg	30:27.23			0.67
PKST	22.8	255	Pg	7:30:27.63			0.25

				Sg	30:30.33	-0.23
MPLH	61.6	255	Pg	7:30:36.00	1.70	
			Sg	30:42.10	-0.78	
PENC	89.5	53	Sg	7:30:51.18	-0.58	
MORH	124.1	169	Sg	7:31:02.02	-0.72	
PKSM	124.5	169	Sg	7:31:02.06	-0.81	
PSZ	135.9	60	Pn	7:30:47.89	0.61	
			Sn	31:04.33	-1.65	
KOVS	137.0	187	Sn	7:31:05.35	-0.87	
MODS	141.9	326	Pn	7:30:47.89	-0.14	
			Sn	31:04.96	-2.36	
SMOL	149.7	333	Sn	7:31:06.13	-2.91	
PKSV	158.2	182	Sn	7:31:10.59	-0.34	

1783.

2022-11-08 time: 9:35:43.74 UTC ML= 1.5
 lat: 48.918N lon: 21.045E h= 0.0 km
 erh= 3.1km erz= 4.7km
 nr= 9 gap=133 rms=0.89
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	63.5	220	Pg	9:35:55.66			0.59
			Sg	36:04.35			0.44
ABAH	70.6	168	Pg	9:35:56.68			0.33
			Sg	36:05.06			-1.13
NIE	77.2	316	Sg	9:36:08.26			0.00
KOLS	90.0	89	Pg	9:36:00.67			0.85
LANS	118.2	283	Sg	9:36:19.88			-1.42
PSZ	140.0	217	Sn	9:36:26.50			-0.83
TRPA	140.9	128	Sn	9:36:24.81			-2.72

1784.

2022-11-08 time: 10:15:05.53 UTC ML= 0.8
 lat: 47.237N lon: 18.263E h= 0.0 km
 erh= 2.1km erz= 232km
 nr= 6 gap=249 rms=0.14
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	14.0	359	Pg	10:15:08.08			0.04
			Sg	15:09.50			-0.49
PKST	17.4	278	Pg	10:15:08.55			-0.10
			Sg	15:11.25			0.17
PKSG	19.8	29	Pg	10:15:09.10			0.04
			Sg	15:11.88			0.07

1785.

2022-11-08 time: 10:46:38.61 UTC ML= 1.7
 lat: 47.853N lon: 19.093E h= 0.0 km
 erh= 4.8km erz= 7.6km
 nr= 8 gap=141 rms=0.65
 Locality: Szendehely
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	15.8	116	Pg	10:46:42.06			0.64
			Sg	46:43.62			0.00
PSZ	60.4	83	Pg	10:46:49.80			0.40
			Sg	46:56.61			-1.20
PKST	103.4	230	Sg	10:47:10.93			-0.55
KECS	125.1	56	Pg	10:47:00.68			-0.27
LANS	147.0	11	Pn	10:47:04.50			0.54
			Sn	47:22.20			-1.54

Hypocenter Parameters

1786.

2022-11-08 time: 11:15:14.22 UTC ML= 1.6
 lat: 45.947N lon: 22.654E h= 0.0 km
 erh= 2.4km erz= 5.0km
 nr= 10 gap=117 rms=0.64
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	20.6	110	Pg	11:15:17.76		-0.14	
			Sg	15:20.34		-0.42	
GZR	62.3	171	Pg	11:15:25.51		0.17	
			Sg	15:33.49		-0.52	
BZS	88.6	246	Pg	11:15:30.36		0.31	
			Sg	15:41.47		-0.93	
DRGR	94.0	3	Pg	11:15:31.77		0.76	
			Sg	15:42.65		-1.46	
VOIR	195.0	107	Pn	11:15:46.64		1.07	
			Sn	16:09.49		-0.53	

1787.

2022-11-08 time: 11:59:14.04 UTC ML= 1.6
 lat: 45.622N lon: 17.608E h= 0.0 km
 erh= 8.0km erz=10.1km
 nr= 10 gap=218 rms=0.68
 Locality: Croatia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	58.2	59	Pg	11:59:25.83		1.39	
			Sg	59:32.33		-0.22	
KOVH	64.4	36	Pg	11:59:25.83		0.28	
			Sg	59:34.91		0.39	
PKSM	103.6	51	Pg	11:59:31.94		-0.60	
			Sg	59:46.14		-0.83	
MORH	104.0	51	Sg	11:59:46.34		-0.77	
PKB4	124.1	38	Sg	11:59:53.77		0.30	
CRES	169.0	278	Pn	11:59:41.88		-0.27	
			Sn	12:00:03.71		-0.36	

1788.

2022-11-08 time: 12:02:09.92 UTC ML= 1.2
 lat: 48.975N lon: 20.514E h= 0.0 km
 erh= 7.9km erz= ***km
 nr= 5 gap=161 rms=0.70
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
NIE	51.4	343	Sg	12:02:26.46		0.19	
KECS	54.8	182	Pg	12:02:20.56		0.86	
			Sg	02:26.86		-0.47	
ABAH	92.6	145	Sg	12:02:38.95		-0.39	
PSZ	126.2	201	Sg	12:02:48.94		-1.08	

1789.

2022-11-08 time: 12:38:04.57 UTC ML= 1.6
 lat: 47.870N lon: 16.059E h= 0.0 km
 erh= 3.3km erz= 6.3km
 nr= 9 gap= 83 rms=0.82
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	16.1	294	Pg	12:38:08.18		0.74	
			Sg	38:09.67		-0.01	
RONA	26.0	137	Pg	12:38:09.99		0.78	
			Sg	38:12.96		0.12	
ARSA	79.8	210	Pg	12:38:18.95		0.13	
			Sg	38:28.16		-1.78	

Földrengés paraméterek

MODS	106.6	58	Sg	12:38:37.56	-0.89
KRUC	134.8	11	Pn	12:38:28.47	0.06
			Sn	38:44.96	-2.05

1790.

2022-11-09	time:	8:54:50.06	UTC	ML= 2.0
lat:	48.815N	lon:	20.186E	h= 0.0 km
				erh= 5.6km erz= ***km
nr=	8	gap=119		rms=1.18
Locality:	Slovakia			
Comments:	probably explosion			

sta	dist	azm	phase	hr	mn	sec	res
KECS	43.0	149	Pg	8:54:58.86		1.13	
			Sg	55:03.13		-0.59	
LANS	64.5	305	Pg	8:55:01.83		0.26	
			Sg	55:08.92		-1.64	
NIE	67.8	8	Pg	8:55:03.52		1.35	
			Sg	55:11.13		-0.48	
ABAH	96.8	127	Sg	8:55:18.33		-2.50	
PSZ	102.0	192	Sg	8:55:21.69		-0.79	

1791.

2022-11-09	time:	10:06:51.05	UTC	ML= 1.8
lat:	48.583N	lon:	20.758E	h= 0.0 km
				erh= 5.2km erz= 606km
nr=	6	gap=251		rms=0.37
Locality:	Slovakia			
Comments:	probably explosion			

sta	dist	azm	phase	hr	mn	sec	res
KECS	23.0	241	Pg	10:06:54.75		-0.40	
			Sg	06:57.98		-0.37	
ABAH	47.8	132	Pg	10:06:59.59		0.00	
			Sg	07:06.08		-0.17	
PSZ	97.8	221	Pg	10:07:09.11		0.59	
			Sg	07:22.40		0.25	

1792.

2022-11-09	time:	10:37:18.38	UTC	ML= 2.3
lat:	46.894N	lon:	16.735E	h= 8.8 km
				erh= 1.3km erz= 1.3km
nr=	41	gap= 42		rms=0.82
Locality:	Bagod			
Comments:	felt 4 EMS			

sta	dist	azm	phase	hr	mn	sec	res
BEHE	47.2	176	Pg	10:37:27.55		0.59	
			Sg	37:34.69		1.05	
KOGS	61.9	217	Pg	10:37:30.89		1.34	
			Sg	37:39.24		0.99	
MPLH	68.4	63	Pg	10:37:29.87		-0.83	
			Sg	37:39.48		-0.83	
EGYH	73.7	38	Pg	10:37:32.13		0.49	
			Sg	37:42.72		0.74	
RCF6	86.1	224	Pg	10:37:33.27		-0.56	
			Sg	37:44.98		-0.91	
TIH	88.2	90	Pg	10:37:34.60		0.38	
			Sg	37:45.47		-1.10	
SOP	88.8	351	Sg	10:37:45.58		-1.16	
RONA	95.5	340	Pg	10:37:34.71		-0.81	
			Sg	37:48.07		-0.81	
ARSA	100.2	293	Pg	10:37:36.65		0.30	
			Sg	37:49.39		-0.97	
PKST	106.7	68	Pg	10:37:36.93		-0.57	
			Sg	37:51.49		-0.93	
PKS9	122.8	106	Sn	10:37:55.52		-0.65	
PTJ	125.6	208	Pn	10:37:39.67		-0.29	
			Sn	37:55.22		-1.57	
SOKA	132.2	260	Pn	10:37:41.21		0.43	
			Sn	37:57.41		-0.84	
CONA	132.6	330	Pn	10:37:42.16		1.33	

Földrengés paraméterek

KOVH	137.8	131	Sn	37:58.70	0.36
			Pn	10:37:42.50	1.01
			Sn	37:58.79	-0.71
WINA	143.8	340	Pn	10:37:42.44	0.21
			Sn	38:01.28	0.44
ZST	147.4	11	Sn	10:38:02.36	0.73
PKB4	149.6	107	Sn	10:38:02.46	0.34
CRES	154.2	220	Pn	10:37:43.18	-0.34
			Sn	38:02.06	-1.07
PKB5	156.5	102	Sn	10:38:03.49	-0.15
PKSV	161.6	134	Sn	10:38:06.98	2.21
MORH	164.7	117	Sn	10:38:05.54	0.08
PKSM	164.7	117	Pn	10:37:44.00	-0.83
			Sn	38:05.45	-0.01
MODS	169.5	14	Pn	10:37:46.90	1.46
			Sn	38:07.57	1.04

1793.

2022-11-09 time: 10:49:55.40 UTC ML= 1.8
lat: 45.944N lon: 22.318E h= 0.0 km
erh= 2.0km erz= 4.0km
nr= 8 gap=142 rms=0.47

Locality: Romania

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
BZS	65.6	236	Pg	10:50:07.45	0.33		
			Sg	50:16.06	-0.19		
GZR	70.9	150	Pg	10:50:08.11	0.05		
			Sg	50:17.31	-0.63		
DRGR	98.9	18	Pg	10:50:13.14	0.07		
			Sg	50:25.82	-1.03		
VOIR	220.1	105	Pn	10:50:30.96	1.08		
			Sn	50:56.95	0.17		

1794.

2022-11-09 time: 13:52:25.96 UTC ML= 1.5
lat: 48.911N lon: 20.678E h= 0.0 km
erh= 3.5km erz= 7.8km
nr= 10 gap=127 rms=0.99

Locality: Slovakia

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	49.6	197	Pg	13:52:35.53	0.70		
			Sg	52:40.90	-0.84		
NIE	62.4	335	Pg	13:52:37.87	0.76		
			Sg	52:45.19	-0.62		
ABAH	79.9	149	Pg	13:52:40.90	0.66		
			Sg	52:50.68	-0.70		
KOLS	116.9	89	Sg	13:53:02.09	-1.04		
PSZ	124.7	208	Pg	13:52:49.06	0.83		
			Sg	53:03.08	-2.52		
OJC	158.8	336	Sn	13:53:11.75	-1.99		

1795.

2022-11-10 time: 8:07:49.32 UTC ML= 2.2
lat: 46.791N lon: 21.308E h= 10.0 km
erh= 3.1km erz= 3.6km
nr= 29 gap= 83 rms=1.32

Locality: Sarkadkeresztúr

Comments:

sta	dist	azm	phase	hr	mn	sec	res
BORR	49.3	48	PgD	8:07:58.94	0.63		
			Sg	08:06.30	0.98		
BSZH	97.2	306	Sg	8:08:18.83	-1.56		
DRGR	107.2	90	P*U	8:08:07.76	-0.67		
			S*	08:21.28	-2.06		
PKSN	110.5	276	Pn	8:08:07.98	-0.87		
			Sn	08:21.49	-2.60		
SURR	131.3	151	PnD	8:08:11.05	-0.40		

Hypocenter Parameters

BZS	132.7	170	Sn	08:26.90	-1.81
			Pn	8:08:11.47	-0.15
			Sn	08:27.35	-1.66
PKS6	135.0	261	Sn	8:08:29.64	0.11
MARR	139.0	95	PnD	8:08:13.05	0.64
			Sn	08:30.00	-0.42
DEV	159.0	129	Sn	8:08:33.77	-1.07
PSZ	164.7	320	Pn	8:08:13.50	-2.11
			Sn	08:35.53	-0.58
PKB3	166.9	256	Sn	8:08:37.19	0.58
ABAH	167.4	358	Pn	8:08:16.40	0.45
			Sn	08:36.47	-0.26
CJR	175.2	93	Sn	8:08:39.09	0.63
TRPA	175.5	32	Pn	8:08:19.74	2.78
			Sn	08:39.02	0.50
PENC	189.3	306	Sn	8:08:42.50	0.92
GZR	192.4	144	Sn	8:08:43.39	1.12
PKB4	209.6	261	Sn	8:08:50.20	4.12
MORH	214.2	253	Pn	8:08:23.04	1.26
			Sn	08:48.56	1.46
PKSM	214.5	253	Sn	8:08:49.03	1.85

1796.

2022-11-10	time:	9:26:31.82	UTC	ML=	1.7
lat:	48.570N	lon:	20.789E	h=	0.0 km
				erh=	2.4km
				erz=	5.3km
nr=	12	gap=	90	rms=	0.76

Locality: Tornanádaska

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	24.4	247	Pg	9:26:36.02	-0.15		
			Sg	26:39.70	0.14		
ABAH	45.1	132	Pg	9:26:40.55	0.67		
			Sg	26:46.14	-0.03		
PSZ	98.3	223	Pg	9:26:49.94	0.58		
			Sg	27:02.34	-0.71		
NIE	100.6	340	Pg	9:26:50.97	1.18		
			Sg	27:02.19	-1.62		
KOLS	116.4	70	Sg	9:27:08.25	-0.56		
LANS	116.5	304	Pg	9:26:52.09	-0.53		
TRPA	138.6	111	Pn	9:26:56.08	-0.06		
			Sn	27:12.96	-2.14		

1797.

2022-11-10	time:	9:47:46.21	UTC	ML=	1.8
lat:	48.236N	lon:	21.247E	h=	0.0 km
				erh=	2.9km
				erz=	5.3km
nr=	11	gap=	154	rms=	0.81

Locality: Tállya

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	6.7	355	PgU	9:47:47.70	0.30		
			Sg	47:48.56	0.23		
KECS	62.7	296	Pg	9:47:57.72	0.31		
			Sg	48:05.08	-1.07		
TRPA	96.8	97	Pg	9:48:03.34	-0.16		
			Sg	48:15.24	-1.74		
PSZ	106.8	251	Pg	9:48:05.38	0.10		
			Sg	48:19.93	-0.22		
KOLS	108.4	44	Pg	9:48:07.33	1.77		
			Sg	48:20.09	-0.56		
LANS	165.8	308	Sn	9:48:34.58	-0.95		

1798.

2022-11-10	time:	11:01:58.60	UTC	ML=	1.5
lat:	46.924N	lon:	22.928E	h=	0.0 km
				erh=	2.2km
				erz=	1.9km
nr=	7	gap=	175	rms=	0.67

Locality: Romania

Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
DRGR	22.1	228	Pg	11:02:03.23		0.68	
			Sg	02:05.11		-0.52	
GZR	170.6	184	Pn	11:02:27.57		0.67	
			Sn	02:47.95		-1.03	
BZS	177.0	215	Sn	11:02:49.43		-0.98	
ABAH	198.4	320	Sn	11:02:54.91		-0.25	
VOIR	232.7	135	Sn	11:03:02.79		0.01	

1799.

2022-11-10 time: 12:11:56.73 UTC ML= 1.8
lat: 47.359N lon: 18.423E h= 0.0 km
erh= 2.0km erz= 3.3km
nr= 15 gap=104 rms=0.82
Locality: Gánt
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	4.4	327	PgU	12:11:57.83		0.32	
			Sg	11:58.22		0.11	
CSKK	12.2	272	Pg	12:11:59.47		0.55	
			Sg	12:00.69		0.07	
PKST	31.4	249	Pg	12:12:02.76		0.43	
			Sg	12:06.75		0.04	
MPLH	70.0	253	Sg	12:12:18.15		-0.85	
PKB5	88.2	164	Sg	12:12:26.20		1.43	
PSZ	126.9	61	Pg	12:12:20.11		0.72	
			Sg	12:35.99		-1.07	
MORH	128.2	172	Sg	12:12:36.10		-1.39	
PKSM	128.6	173	Sg	12:12:35.98		-1.64	
MODS	141.7	323	Sn	12:12:38.66		-2.03	
KOVH	143.4	190	Sn	12:12:40.52		-0.56	
PKSV	164.0	185	Sn	12:12:45.86		0.21	

1800.

2022-11-10 time: 12:21:02.34 UTC ML= 0.9
lat: 47.865N lon: 16.056E h= 0.0 km
erh= 4.0km erz= 8.5km
nr= 7 gap= 85 rms=1.20
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	16.1	296	Pg	12:21:05.70		0.48	
			Sg	21:08.88		1.42	
RONA	25.8	136	Pg	12:21:07.62		0.68	
			Sg	21:11.19		0.67	
ARSA	79.2	210	Sg	12:21:26.25		-1.27	
MODS	107.1	58	Sg	12:21:35.25		-1.14	
KRUC	135.4	11	Sn	12:21:42.00		-2.92	

1801.

2022-11-11 time: 8:00:10.67 UTC ML= 2.1
lat: 48.198N lon: 18.779E h= 0.0 km
erh= 2.5km erz= 4.1km
nr= 21 gap= 89 rms=1.25
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	58.8	140	Pg	8:00:22.44		1.27	
			Sg	00:29.41		0.04	
PSZ	88.8	111	Pg	8:00:27.57		1.05	
			Sg	00:37.43		-1.46	
PKSG	94.2	198	Sg	8:00:40.26		-0.36	
CSKK	100.6	203	Sg	8:00:42.08		-0.57	
SMOL	106.1	289	Pg	8:00:30.89		1.28	
			Sg	00:43.34		-1.04	
MODS	113.2	280	Pg	8:00:32.30		1.42	
			Sg	00:46.00		-0.64	
LANS	117.4	26	Pg	8:00:32.14		0.50	

Földrengés paraméterek

PKST	118.4	208	Sg	00:45.90		-2.10	
ZST	124.6	270	Sg	8:00:47.85		-0.46	
KECS	130.4	76	Pg	8:00:47.54		-2.75	
			Sg	00:49.31		-0.02	
EGYH	138.9	231	Sn	8:00:52.39		-1.62	
MPLH	147.4	219	Sn	8:00:54.84		-1.06	
NIE	176.4	40	Pn	8:00:41.36		1.66	
			Sn	01:01.05		-1.30	
OJC	236.8	18	Sn	8:01:15.84		0.10	

1802.

2022-11-11 time: 8:32:27.34 UTC ML= 1.5
lat: 46.937N lon: 17.339E h= 0.0 km
erh= 3.3km erz= 789km
nr= 6 gap=169 rms=0.47
Locality: Sümegprága
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	30.1	30	Pg	8:32:33.12		0.41	
			Sg	32:36.79		-0.12	
PKST	63.8	56	Sg	8:32:47.52		-0.10	
KOVH	110.9	148	Pg	8:32:47.41		0.27	
			Sg	33:00.88		-1.71	
RONA	115.8	317	Pg	8:32:47.80		-0.21	

1803.

2022-11-11 time: 8:43:41.24 UTC ML= 2.1
lat: 48.998N lon: 19.361E h= 0.0 km
erh= 3.8km erz= 537km
nr= 7 gap=223 rms=0.36
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
LANS	18.6	25	Pg	8:43:44.16		-0.41	
			Sg	43:47.21		0.04	
NIE	83.6	56	Pg	8:43:56.37		0.19	
KECS	100.6	125	Pg	8:43:59.51		0.30	
			Sg	44:12.80		-0.42	
PSZ	126.4	162	Pg	8:44:04.21		0.39	
			Sg	44:20.80		-0.62	

1804.

2022-11-11 time: 9:16:32.41 UTC ML= 1.3
lat: 46.146N lon: 18.289E h= 0.0 km
erh= 1.8km erz= 541km
nr= 9 gap=113 rms=0.40
Locality: Vasas
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	16.0	246	Pg	9:16:35.06		-0.21	
			Sg	16:37.73		0.23	
PKSM	28.1	75	Pg	9:16:37.06		-0.38	
			Sg	16:42.02		0.66	
MORH	28.5	74	Pg	9:16:36.86		-0.63	
			Sg	16:41.86		0.40	
PKSV	28.8	186	Pg	9:16:37.75		0.20	
			Sg	16:41.83		0.27	
PKS9	49.0	359	Sg	9:16:48.44		0.46	

1805.

2022-11-11 time: 9:24:24.79 UTC ML= 1.9
lat: 48.564N lon: 20.772E h= 0.0 km
erh= 3.7km erz= ***km
nr= 9 gap= 91 rms=1.00
Locality: Tornanádaska
Comments: probably explosion

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
KECS	23.0	247	Pg	9:24:29.06		0.16	
			Sg	24:32.19		0.08	
ABAH	45.6	131	Pg	9:24:33.05		0.11	
			Sg	24:39.15		-0.15	
PSZ	97.0	222	Sg	9:24:55.90		0.28	
NIE	100.8	341	Pg	9:24:45.02		2.22	
			Sg	24:55.54		-1.30	
LANS	115.8	304	Pg	9:24:44.66		-0.82	
KOLS	117.8	70	Sg	9:25:00.86		-1.37	

1806.

2022-11-11 time: 10:06:43.02 UTC ML= 1.3
lat: 47.970N lon: 20.179E h= 0.0 km
erh= 7.7km erz= ***km
nr= 6 gap=188 rms=0.65
Locality: Bükkészék
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	22.0	255	Pg	10:06:47.46		0.52	
			Sg	06:49.66		-0.35	
KECS	61.5	22	Pg	10:06:54.66		0.67	
			Sg	07:01.79		-0.77	
PENC	70.0	253	Sg	10:07:05.07		-0.20	
ABAH	86.9	65	Sg	10:07:09.46		-1.18	

1807.

2022-11-11 time: 10:07:44.03 UTC ML= 1.0
lat: 48.417N lon: 20.651E h= 0.0 km
erh= 3.2km erz= 712km
nr= 5 gap=166 rms=0.32
Locality: Alsótelkes
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	14.3	301	Pg	10:07:46.35		-0.23	
			Sg	07:48.70		0.13	
ABAH	45.6	107	Pg	10:07:52.59		0.41	
			Sg	07:58.01		-0.52	
PSZ	79.0	225	Sg	10:08:09.14		0.00	

1808.

2022-11-11 time: 10:23:14.16 UTC ML= 1.0
lat: 47.876N lon: 16.055E h= 0.0 km
erh= 1.8km erz= 3.0km
nr= 7 gap=126 rms=0.70
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	15.5	292	Pg	10:23:17.43		0.50	
			Sg	23:19.43		0.33	
RONA	26.7	137	Pg	10:23:19.43		0.51	
			Sg	23:22.79		0.15	
ARSA	80.2	210	Sg	10:23:38.64		-1.02	
KRUC	134.2	11	Pn	10:23:37.74		-0.19	
			Sn	23:54.26		-2.21	

1809.

2022-11-11 time: 10:25:01.50 UTC ML= 2.1
lat: 48.945N lon: 19.779E h= 0.0 km
erh= 2.6km erz= 5.5km
nr= 8 gap=124 rms=0.64
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
LANS	32.2	315	Pg	10:25:07.39		0.13	

Hypocenter Parameters

			Sg	25:11.74	-0.01
			Pg	10:25:13.37	0.18
			Sg	25:22.13	-0.18
			Pg	10:25:22.75	0.79
			Sg	25:37.34	-0.57
			Sg	10:25:40.44	-2.27
			Sn	10:25:54.33	-1.19

1810.

2022-11-11 time: 13:03:51.50 UTC ML= 2.2
lat: 48.388N lon: 19.831E h= 0.0 km
erh= 2.7km erz= 953km
nr= 11 gap=131 rms=0.77
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	49.6	78	Pg	13:04:00.88		0.52	
			Sg	04:07.30		0.04	
PSZ	52.4	175	Pg	13:04:01.51		0.65	
			Sg	04:08.24		0.08	
PENC	78.0	212	Sg	13:04:15.47		-0.83	
LANS	88.9	343	Pg	13:04:07.49		0.10	
			Sg	04:18.60		-1.18	
ABAH	104.9	96	Pg	13:04:10.23		-0.01	
			Sg	04:23.30		-1.54	
NIE	120.0	17	Pg	13:04:13.87		0.94	
			Sg	04:27.99		-1.66	

1811.

2022-11-11 time: 13:54:29.36 UTC ML= 1.8
lat: 47.058N lon: 19.444E h= 0.0 km
erh= 3.5km erz= 714km
nr= 10 gap=194 rms=0.55
Locality: Ladánybene
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	21.5	267	Pg	13:54:33.60		0.39	
			Sg	54:35.17		-1.03	
PENC	82.4	351	Pg	13:54:44.60		0.52	
PKB4	89.5	226	Pg	13:54:45.97		0.63	
PSZ	101.5	20	Pg	13:54:47.22		-0.28	
			Sg	55:00.80		-0.84	
MORH	111.8	213	Pg	13:54:49.37		0.04	
			Sg	55:04.16		-0.75	
PKSM	112.3	213	Pg	13:54:49.69		0.27	
			Sg	55:04.16		-0.90	

1812.

2022-11-11 time: 14:08:10.50 UTC ML= 1.9
lat: 47.090N lon: 19.398E h= 0.0 km
erh= 3.9km erz= 639km
nr= 9 gap=189 rms=0.48
Locality: Tatárszentgyörgy
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	18.6	255	Pg	14:08:13.53		-0.29	
			Sg	08:16.11		-0.31	
PKB5	74.7	223	Pg	14:08:24.48		0.64	
PENC	78.3	354	Pg	14:08:25.03		0.55	
PKB4	89.6	223	Pg	14:08:26.99		0.49	
PSZ	99.4	22	Pg	14:08:27.96		-0.28	
PKS9	102.1	237	Pg	14:08:28.39		-0.33	
MORH	113.0	211	Pg	14:08:30.86		0.18	
PKSM	113.5	211	Pg	14:08:29.92		-0.85	

Hypocenter Parameters

1813.

2022-11-11 time: 14:24:15.13 UTC ML= 1.9
 lat: 47.074N lon: 19.417E h= 0.0 km
 erh= 3.3km erz= 595km
 nr= 10 gap=191 rms=0.46
 Locality: Tatárszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	19.7	261	Pg	14:24:18.67		0.02	
			Sg	24:20.77		-0.62	
PKB5	74.4	224	Pg	14:24:29.38		0.96	
			Sg	24:38.20		-0.58	
PENC	80.3	353	Pg	14:24:29.89		0.42	
PKB4	89.3	224	Pg	14:24:31.50		0.42	
PSZ	100.5	21	Pg	14:24:32.63		-0.45	
PKS9	102.3	238	Pg	14:24:33.41		0.01	
MORH	112.2	212	Pg	14:24:34.74		-0.43	
PKSM	112.7	212	Pg	14:24:35.06		-0.20	

1814.

2022-11-12 time: 1:08:07.16 UTC ML= 2.0
 lat: 45.502N lon: 16.299E h= 10.0 km
 erh= 4.0km erz= 3.0km
 nr= 18 gap=159 rms=0.88
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZAG	43.4	327	Pg	1:08:15.23		0.12	
			Sg	08:21.93		0.62	
PTJ	51.6	329	Pg	1:08:16.37		-0.17	
			Sg	08:22.80		-1.05	
CRES	74.8	299	Pg	1:08:21.15		0.51	
			Sg	08:30.96		-0.19	
RCF6	96.1	344	Pg	1:08:24.52		0.12	
			Sg	08:36.32		-1.53	
KOGS	105.2	358	P*	1:08:26.40		0.43	
			S*	08:38.60		-2.05	
BLY	108.9	140	Pn	1:08:26.30		-0.19	
			Sn	08:39.57		-2.01	
GROS	123.2	330	Pn	1:08:29.60		1.33	
			Sn	08:44.08		-0.66	
KOVH	154.5	65	Sn	1:08:51.03		-0.66	
PERS	155.7	324	Sn	1:08:52.91		0.95	
PKSM	198.3	67	Sn	1:09:03.01		1.59	
MORH	198.7	66	Sn	1:09:03.32		1.82	

1815.

2022-11-13 time: 9:24:05.74 UTC ML= 1.5
 lat: 45.907N lon: 16.015E h= 7.0 km
 erh= 1.3km erz= 1.6km
 nr= 9 gap=147 rms=0.24
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PTJ	4.5	260	Pg	9:24:07.21		-0.01	
			Sg	24:08.34		-0.04	
ZAG	8.8	191	Pg	9:24:07.65		-0.10	
			Sg	24:09.38		0.06	
CRES	44.3	258	Pg	9:24:14.01		0.27	
			Sg	24:19.60		-0.38	
RCF6	47.6	355	Sg	9:24:21.52		0.49	
KOGS	62.9	17	Sg	9:24:25.36		-0.48	
BEHE	85.8	43	Sg	9:24:33.16		0.04	

Földrengés paraméterek

1816.

2022-11-14 time: 9:36:38.36 UTC ML= 1.6
 lat: 46.875N lon: 17.331E h= 0.0 km
 erh= 4.2km erz= ***km
 nr= 13 gap=146 rms=1.33
 Locality: Lesenceistvánd
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	36.5	26	Pg	9:36:46.68		1.81	
			Sg	36:49.77		-0.18	
TIH	42.9	86	Pg	9:36:47.05		1.02	
			Sg	36:53.71		1.70	
PKST	68.4	51	Pg	9:36:50.23		-0.35	
			Sg	36:57.13		-2.98	
CSKK	89.0	52	Sg	9:37:04.48		-2.18	
KOGS	95.3	240	Sg	9:37:08.69		0.02	
PKSG	98.8	54	Sg	9:37:09.69		-0.09	
KOVH	105.5	146	Pg	9:36:58.06		0.86	
			Sg	37:10.78		-1.12	
RCF6	121.1	240	Sg	9:37:15.18		-1.67	
MORH	124.6	126	Sg	9:37:16.68		-1.27	

1817.

2022-11-14 time: 9:41:28.26 UTC ML= 1.5
 lat: 48.569N lon: 20.835E h= 0.0 km
 erh= 3.5km erz= 7.6km
 nr= 9 gap= 91 rms=1.01
 Locality: Hidvégardó
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	27.5	250	Sg	9:41:36.80		-0.20	
ABAH	42.6	135	Pg	9:41:36.64		0.77	
			Sg	41:42.00		0.19	
PSZ	100.5	224	Pg	9:41:46.11		-0.11	
			Sg	41:59.49		-0.73	
NIE	102.0	338	Pg	9:41:48.05		1.58	
			Sg	41:58.75		-1.92	
KOLS	113.3	69	Sg	9:42:03.49		-0.78	
TRPA	135.4	111	Sn	9:42:09.38		-1.46	

1818.

2022-11-15 time: 9:29:38.17 UTC ML= 1.6
 lat: 46.738N lon: 22.676E h= 0.0 km
 erh= 7.0km erz= 4.5km
 nr= 6 gap=171 rms=0.41
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	6.5	24	Pg	9:29:39.03		-0.30	
			Sg	29:40.29		0.06	
DEV	96.6	170	Sg	9:30:09.09		0.20	
BZS	149.1	213	Sn	9:30:23.06		-0.73	
GZR	149.7	177	Pn	9:30:04.51		0.64	
			Sn	30:23.84		-0.08	

1819.

2022-11-15 time: 9:31:55.68 UTC ML= 1.8
 lat: 47.900N lon: 19.396E h= 0.0 km
 erh= 1.6km erz= 2.7km
 nr= 16 gap= 93 rms=0.43
 Locality: Becske
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	14.9	215	Pg	9:31:58.37		0.03	
			Sg	32:00.07		-0.35	
PSZ	37.4	87	Pg	9:32:01.82		-0.53	

Földrengés paraméterek

		Sg	32:06.98	-0.58
BUD	54.1 211	Sg	9:32:12.76	-0.11
PBUD	56.3 211	Sg	9:32:13.34	-0.23
BSZH	93.6 136	Sg	9:32:25.83	0.40
PKSG	94.3 233	Pg	9:32:12.68	0.15
		Sg	32:25.99	0.33
KECS	103.8 51	Pg	9:32:15.05	0.83
		Sg	32:28.51	-0.16
CSKK	104.1 235	Sg	9:32:28.39	-0.39
PKST	124.8 235	Pg	9:32:18.46	0.49
		Sg	32:35.14	-0.21
MODS	166.2 288	Sn	9:32:44.14	-0.95
NIE	181.9 22	Sn	9:32:48.80	0.23

1820.

2022-11-15 time: 9:55:10.15 UTC ML= 2.0
lat: 48.646N lon: 17.369E h= 0.0 km
erh= 6.4km erz= 5.0km
nr= 12 gap=149 rms=1.14
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	15.3	163	Pg	9:55:14.08	1.20		
			Sg	55:14.66	-0.35		
MODS	31.0	193	Pg	9:55:15.82	0.14		
			Sg	55:18.31	-1.69		
ZST	53.7	202	Pg	9:55:20.40	0.66		
			Sg	55:26.68	-0.54		
MORC	126.4	6	Sg	9:55:48.18	-2.16		
RONA	132.0	217	Pn	9:55:34.37	0.73		
			Sn	55:49.89	-2.08		
CONA	137.4	235	Pn	9:55:35.69	1.38		
			Sn	55:52.29	-0.87		
CSKK	157.4	155	Sn	9:55:56.02	-1.57		

1821.

2022-11-15 time: 11:33:02.82 UTC ML= 0.9
lat: 47.180N lon: 18.305E h= 0.0 km
erh= 1.8km erz= 466km
nr= 7 gap=151 rms=0.31
Locality: Sárkeszi
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	20.7	351	Pg	11:33:06.25	-0.27		
			Sg	33:08.74	-0.66		
PKST	22.3	293	Pg	11:33:07.03	0.22		
			Sg	33:09.98	0.06		
PKSG	24.5	15	Pg	11:33:07.42	0.23		
			Sg	33:10.99	0.39		
PKSM	110.6	167	Sg	11:33:37.66	-0.32		

1822.

2022-11-16 time: 5:34:09.95 UTC ML= 2.1
lat: 47.005N lon: 22.940E h= 2.0 km
erh= 3.1km erz= 3.1km
nr= 13 gap=146 rms=0.92
Locality: Romania
Comments:

sta	dist	azm	phase	hr	mn	sec	res
MESR	16.2	3	PgC	5:34:13.01	0.15		
			Sg	34:14.00	-1.13		
DRGR	29.4	216	Sg	5:34:19.45	0.13		
MARR	39.0	159	PgC	5:34:17.49	0.56		
			Sg	34:22.30	-0.07		
CJR	59.8	123	Sq	5:34:27.86	-1.10		
SURR	152.5	204	PnD	5:34:35.93	0.19		
			Sn	34:54.40	-1.46		
GZR	179.5	184	Pn	5:34:41.48	2.36		
			Sn	35:02.14	0.28		

Hypocenter Parameters

BZS	184.9	213	Sn	5:35:01.51	-1.54
BURA	185.1	68	PnD	5:34:40.43	0.62
			Sn	35:03.30	0.21

1823.

2022-11-16 time: 7:31:12.22 UTC ML= 1.9
lat: 46.065N lon: 22.882E h= 0.0 km
erh= 3.9km erz= 5.4km
nr= 10 gap=122 rms=0.82
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	20.3	175	Pg	7:31:16.33	0.49		
			Sg	31:18.84	0.17		
GZR	75.1	186	Pg	7:31:25.71	0.07		
			Sg	31:35.10	-1.00		
DRGR	81.8	351	Sg	7:31:37.23	-0.99		
BZS	110.2	243	Pg	7:31:32.96	1.06		
			Sg	31:46.31	-0.94		
DJES	161.6	190	Sn	7:31:58.42	-2.19		
VOIR	182.6	112	Pn	7:31:42.69	0.68		
			Sn	32:04.68	-0.58		

1824.

2022-11-16 time: 8:05:03.11 UTC ML= 1.9
lat: 46.966N lon: 17.328E h= 0.0 km
erh= 2.0km erz= 3.1km
nr= 19 gap=105 rms=1.00
Locality: Sümeg
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	27.8	35	Pg	8:05:09.31	1.24		
			Sg	05:12.45	0.51		
TIH	43.7	100	Sg	8:05:17.22	0.24		
EGYH	50.1	0	Sg	8:05:18.69	-0.36		
PKST	62.7	59	Pg	8:05:14.27	-0.04		
			Sg	05:22.65	-0.40		
CSKK	83.4	58	Sg	8:05:28.36	-1.24		
PKS9	84.0	120	Sg	8:05:29.63	-0.17		
PKSG	93.4	60	Pg	8:05:20.17	0.38		
			Sg	05:31.77	-1.04		
SOP	98.7	324	Pg	8:05:22.81	2.08		
			Sg	05:32.81	-1.67		
KOGS	100.5	235	Pg	8:05:21.41	0.35		
			Sg	05:35.53	0.46		
PKB5	115.2	111	Pg	8:05:24.51	0.84		
MORH	130.9	130	Sn	8:05:43.68	-1.00		
PKSM	131.0	130	Sn	8:05:43.13	-1.58		
ARSA	140.6	283	Pn	8:05:26.22	-1.45		
			Sn	05:45.69	-1.14		

1825.

2022-11-16 time: 8:29:42.78 UTC ML= 1.9
lat: 48.449N lon: 17.234E h= 0.0 km
erh= 1.5km erz= 3.6km
nr= 12 gap= 96 rms=0.51
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	8.9	159	PgU	8:29:44.45	0.08		
			Sg	29:45.17	-0.44		
SMOL	16.1	63	Pg	8:29:46.09	0.44		
			Sg	29:46.80	-1.10		
ZST	29.7	199	Sg	8:29:51.65	-0.57		
KRUC	92.0	318	Pg	8:29:59.81	0.61		
			Sg	30:11.95	-0.06		
RONA	108.7	220	Pg	8:30:02.45	0.26		
			Sg	30:17.08	-0.25		
CONA	117.3	240	Pg	8:30:03.93	0.20		

Hypocenter Parameters

MORC 149.4 9 Sg 30:18.13 -1.94
Sn 8:30:27.99 -0.47

1826.

2022-11-16 time: 9:01:44.48 UTC ML= 1.6
lat: 48.506N lon: 19.309E h= 0.0 km
erh= 3.3km erz= 4.0km
nr= 11 gap=105 rms=1.13
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
LANS	72.6	9	Sg	9:02:08.17			0.61
PSZ	78.5	146	Pg	9:02:00.19			1.69
			Sg	02:08.64			-0.80
PENC	79.6	181	Sg	9:02:10.67			0.89
KECS	87.0	92	Pg	9:02:00.97			0.95
			Sg	02:11.53			-0.62
NIE	125.4	36	Pg	9:02:06.99			0.13
			Sg	02:22.18			-2.14
ABAH	144.9	99	Sn	9:02:27.89			-1.26
MODS	151.0	264	Sn	9:02:29.46			-1.05
PKST	168.3	214	Sn	9:02:33.06			-1.28

1827.

2022-11-16 time: 10:08:58.75 UTC ML= 2.0
lat: 48.617N lon: 20.786E h= 0.0 km
erh= 2.0km erz= 3.5km
nr= 11 gap=130 rms=0.59
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	26.7	236	Pg	10:09:03.70			0.19
			Sg	09:07.38			0.16
ABAH	48.9	137	Pg	10:09:08.24			0.75
			Sg	09:14.19			-0.11
PSZ	102.0	220	Pg	10:09:17.00			0.04
			Sg	09:30.07			-1.10
LANS	113.5	302	Pg	10:09:19.51			0.50
			Sg	09:33.91			-0.90
KOLS	114.9	72	Sg	10:09:34.93			-0.32
TRPA	140.7	113	Sn	10:09:40.83			-1.66
STZU	142.0	72	Sn	10:09:42.63			-0.16

1828.

2022-11-16 time: 10:43:24.80 UTC ML= 1.7
lat: 46.014N lon: 22.815E h= 0.0 km
erh= 4.8km erz= 8.9km
nr= 9 gap=116 rms=0.96
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	16.1	155	Pg	10:43:27.89			0.21
			Sg	43:30.09			0.17
GZR	69.1	182	Pg	10:43:37.21			0.07
			Sg	43:45.97			-0.80
DRGR	86.8	355	Sg	10:43:51.37			-1.01
BZS	103.1	245	Pg	10:43:44.17			0.96
			Sg	43:55.76			-1.81
VOIR	185.4	110	Pn	10:43:56.46			1.51
			Sn	44:16.49			-1.98

Földrengés paraméterek

1829.

2022-11-16 time: 11:02:22.48 UTC ML= 1.8
lat: 48.826N lon: 21.379E h= 0.0 km
erh= 4.1km erz= 5.7km
nr= 13 gap=167 rms=1.11
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	59.8	190	Sg	11:02:42.65			1.15
KOLS	66.7	80	Pg	11:02:35.90			1.52
			Sg	02:43.02			-0.65
KECS	76.1	240	Pg	11:02:35.97			-0.09
			Sg	02:46.07			-0.58
HOLU	81.2	114	Sg	11:02:45.72			-2.56
STZU	93.6	77	Pg	11:02:40.21			1.02
			Sg	02:51.63			-0.60
TRPA	115.5	132	Pg	11:02:42.79			-0.32
			Sg	02:58.40			-0.80
KWP	131.9	47	Pn	11:02:46.62			0.67
			Sn	03:00.51			-3.75
PSZ	149.3	227	Sn	11:03:07.20			-0.93

1830.

2022-11-16 time: 12:43:04.15 UTC ML= 1.5
lat: 47.884N lon: 16.058E h= 0.0 km
erh= 1.7km erz= 3.2km
nr= 8 gap=150 rms=0.64
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	15.5	289	Pg	12:43:07.20			0.28
			Sg	43:08.81			-0.27
RONA	27.2	139	Pg	12:43:08.86			-0.14
			Sg	43:12.31			-0.47
MODS	105.8	59	Pg	12:43:24.03			0.98
			Sg	43:38.06			0.27
KRUC	133.3	11	Pn	12:43:27.18			-0.63
			Sn	43:43.85			-2.41

1831.

2022-11-16 time: 23:09:49.14 UTC ML= 1.5
lat: 47.612N lon: 20.343E h= 12.2 km
erh= 2.1km erz= 2.0km
nr= 10 gap=148 rms=0.49
Locality: Átány
Comments:

sta	dist	azm	phase	hr	mn	sec	res
BSZH	35.2	189	Pg	23:09:55.81			0.02
			Sg	10:00.51			-0.47
PSZ	47.8	315	Pg	23:09:58.20			0.24
			Sg	10:04.81			-0.02
PENC	82.1	284	Sg	23:10:14.73			-0.78
KECS	97.5	6	S*	23:10:19.60			-0.57
ABAH	101.4	41	P*	23:10:07.75			0.58
			S*	10:20.62			-0.61
PKS7	109.2	235	Pn	23:10:08.88			0.65
			Sn	10:22.58			-0.54

1832.

2022-11-17 time: 8:45:27.76 UTC ML= 1.3
lat: 47.970N lon: 20.385E h= 0.0 km
erh= 4.6km erz= 822km
nr= 6 gap=201 rms=0.48
Locality: Felsőtárkány
Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
PSZ	37.1	261	Pg	8:45:34.44			0.05
			Sg	45:39.19			-0.37
KECS	57.5	7	Pg	8:45:38.80			0.77
			Sg	45:45.39			-0.65
ABAH	73.2	60	Pg	8:45:40.86			0.03
			Sg	45:50.40			-0.62

1833.

2022-11-17 time: 9:14:04.42 UTC ML= 2.0
 lat: 48.215N lon: 21.283E h= 0.0 km
 erh= 3.5km erz= 4.2km
 nr= 17 gap= 70 rms=1.33
 Locality: MÁD
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	9.5	340	PgU	9:14:06.93			0.81
			Sg	14:07.61			0.16
KECS	66.2	297	Pg	9:14:16.78			0.55
			Sg	14:24.10			-1.35
UZH	87.9	58	Sg	9:14:30.30			-2.06
HOLU	88.7	67	Pg	9:14:22.18			1.93
TRPA	93.9	96	Pg	9:14:22.14			0.95
			Sg	14:32.63			-1.65
KOLS	108.2	42	Pg	9:14:24.18			0.43
			Sg	14:36.38			-2.44
PSZ	108.6	252	Pg	9:14:24.57			0.76
			Sg	14:37.72			-1.22
NIE	151.6	332	Pn	9:14:32.00			1.64
			Sn	14:48.87			-1.72
LANS	169.3	308	Sn	9:14:52.58			-1.94
PKSN	181.2	216	Sn	9:14:55.79			-1.36
DRGR	191.4	146	Sn	9:14:58.38			-1.04

1834.

2022-11-17 time: 9:15:39.42 UTC ML= 1.0
 lat: 46.136N lon: 18.311E h= 0.0 km
 erh= 1.6km erz= 442km
 nr= 9 gap=138 rms=0.34
 Locality: Vasas
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	17.2	252	Pg	9:15:42.46			-0.03
			Sg	15:45.12			0.24
PKSM	26.9	72	Pg	9:15:44.32			0.10
			Sg	15:48.31			0.35
MORH	27.2	71	Pg	9:15:44.20			-0.08
			Sg	15:47.41			-0.66
PKSV	27.9	189	Sg	9:15:48.48			0.18
PKB4	45.9	29	Sg	9:15:54.31			0.29
PKB5	60.6	33	Sg	9:15:57.29			-1.38

1835.

2022-11-17 time: 9:44:40.91 UTC ML= 1.5
 lat: 48.194N lon: 22.272E h= 0.0 km
 erh= 2.6km erz= 5.1km
 nr= 11 gap=156 rms=0.83
 Locality: Tiszavid
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
TRPA	21.1	110	Pg	9:44:45.38			0.71
			Sg	44:48.61			1.00
HOLU	37.9	13	Pg	9:44:48.15			0.46
ABAH	77.6	278	Pg	9:44:54.88			0.12
			Sg	45:06.01			0.45
KOLS	82.2	0	Pg	9:44:56.21			0.62
			Sg	45:06.46			-0.58
MEZ	98.7	69	Sg	9:45:10.97			-1.30
BMR	108.3	122	Sg	9:45:13.91			-1.43

KECS	136.3	284	Pn	9:45:04.21	-0.73
			Sn	45:21.33	-2.36

1836.

2022-11-17 time: 9:48:49.94 UTC ML= 1.0
 lat: 48.481N lon: 20.788E h= 0.0 km
 erh= 3.0km erz= 470km
 nr= 5 gap=211 rms=0.22
 Locality: Martonyi
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	22.4	271	Pg	9:48:53.95			0.02
			Sg	48:56.77			-0.28
ABAH	39.2	122	Pg	9:48:57.23			0.28
			Sg	49:02.09			-0.32
PSZ	91.3	227	Sg	9:49:18.95			0.00

1837.

2022-11-17 time: 10:11:02.84 UTC ML= 0.4
 lat: 47.200N lon: 18.274E h= 0.0 km
 erh= 2.2km erz= 6.3km
 nr= 9 gap=124 rms=0.64
 Locality: Csór
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	18.2	357	Pg	10:11:06.45			0.37
			Sg	11:07.97			-0.64
PKST	19.3	290	Pg	10:11:06.81			0.53
			Sg	11:08.13			-0.84
PKSG	23.1	22	Pg	10:11:07.62			0.66
			Sg	11:09.77			-0.41
MORH	113.0	165	Sg	10:11:38.65			-0.10
PKSM	113.4	166	Sg	10:11:38.42			-0.45
PSZ	145.8	57	Sn	10:11:45.70			-2.02

1838.

2022-11-17 time: 12:12:42.36 UTC ML= 1.4
 lat: 47.904N lon: 16.106E h= 0.0 km
 erh= 1.8km erz= 456km
 nr= 7 gap=138 rms=0.30
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	18.4	278	Pg	12:12:45.99			0.34
			Sg	12:48.07			-0.15
RONA	26.8	148	Pg	12:12:47.25			0.10
			Sg	12:51.00			0.11
ARSA	84.9	211	Pg	12:12:57.19			-0.32
KRUC	130.5	9	Pg	12:13:05.72			0.06
			Sg	13:22.46			-1.38

1839.

2022-11-17 time: 15:25:40.38 UTC ML= 1.6
 lat: 45.791N lon: 21.033E h= 10.0 km
 erh= 5.8km erz= 4.7km
 nr= 15 gap=114 rms=1.46
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
BANR	46.1	170	Sg	15:25:56.08			0.69
BZS	49.4	113	Pg	15:25:49.68			0.30
			Sg	25:57.26			0.86
SURR	85.0	93	Sg	15:26:06.70			-0.88
SURR	85.0	93	PgD	15:25:55.97			0.31
			Sg	26:06.70			-0.88
MDVR	124.3	155	PnC	15:26:00.64			-0.99

Hypocenter Parameters

		Sn	26:15.10	-3.10
GZR	143.1 108	Pn	15:26:04.32	0.35
		Sn	26:21.46	-0.92
BSZH	177.7 341	Sn	15:26:25.84	-4.22
MARR	188.5 59	PnC	15:26:12.80	3.15
		Sn	26:35.30	2.83
MORH	191.0 284	Sn	15:26:32.33	-0.68
PKSM	191.1 284	Sn	15:26:35.29	2.25

1840.

2022-11-18 time: 7:11:46.26 UTC ML= 1.3
lat: 47.298N lon: 18.322E h= 0.0 km
erh= 2.1km erz= 2.7km
nr= 14 gap=109 rms=1.07
Locality: Magyaralmás
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
CSKK	8.7	327	PgU	7:11:48.39	0.58	
			Sg	11:49.17	0.15	
PKSG	11.7	26	Pg	7:11:49.02	0.67	
			Sg	11:50.23	0.25	
PKST	22.2	259	Pg	7:11:50.93	0.70	
			Sg	11:53.36	0.04	
MORH	122.7	168	Pg	7:12:09.10	0.92	
			Sg	12:23.92	-1.36	
PKSM	123.1	169	Pg	7:12:09.10	0.85	
			Sg	12:23.61	-1.79	
KOVH	135.5	187	Sn	7:12:27.13	-1.72	
PSZ	136.9	60	Sn	7:12:28.09	-1.08	
MODS	143.0	327	Sn	7:12:28.30	-2.21	
SMOL	150.8	334	Sn	7:12:29.40	-2.86	

1841.

2022-11-18 time: 7:36:04.56 UTC ML= 1.5
lat: 46.002N lon: 22.774E h= 0.0 km
erh= 4.0km erz= 7.0km
nr= 8 gap=225 rms=0.46
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
DEV	16.5	143	Pg	7:36:07.25	-0.27	
			Sg	36:10.06	0.24	
GZR	67.6	180	Pg	7:36:16.95	0.31	
			Sg	36:25.87	-0.19	
BZS	99.7	245	Pg	7:36:22.90	0.54	
			Sg	36:35.26	-0.98	
VOIR	187.9	110	Pn	7:36:34.87	-0.16	
			Sn	36:55.61	-3.19*	

1842.

2022-11-18 time: 8:32:20.91 UTC ML= 1.5
lat: 46.004N lon: 22.765E h= 0.0 km
erh= 2.3km erz= 4.2km
nr= 9 gap=113 rms=0.58
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
DEV	17.2	141	Pg	8:32:24.36	0.38	
			Sg	32:26.77	0.39	
GZR	67.9	179	Pg	8:32:33.62	0.58	
			Sg	32:41.17	-1.32	
DRGR	87.6	357	Sg	8:32:48.57	-0.19	
BZS	99.1	244	Pg	8:32:38.92	0.32	
			Sg	32:51.68	-0.73	
VOIR	188.7	110	Pn	8:32:50.75	-0.73	
			Sn	33:14.88	-0.44	

Földrengés paraméterek

1843.

2022-11-18 time: 9:39:14.79 UTC ML= 2.0
lat: 48.821N lon: 21.608E h= 0.0 km
erh= 1.5km erz= 2.3km
nr= 16 gap= 96 rms=0.52
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
KOLS	50.4	76	Pg	9:39:23.78	0.00	
			Sg	39:31.30	0.50	
ABAH	64.4	205	Pg	9:39:26.37	0.09	
			Sg	39:34.98	-0.27	
KECS	90.8	246	Pg	9:39:31.41	0.41	
			Sg	39:42.10	-1.55	
TRPA	103.1	138	Pg	9:39:32.63	-0.57	
			Sg	39:47.50	-0.06	
NIE	115.6	305	Pg	9:39:35.72	0.29	
			Sg	39:48.04	-3.49*	
KWP	120.6	42	Pg	9:39:36.54	0.22	
			Sg	39:51.88	-1.24	
MEZ	144.5	104	Pn	9:39:39.98	0.15	
LANS	160.9	283	Pn	9:39:42.33	0.45	
PSZ	161.8	232	Pn	9:39:42.25	0.25	
			Sn	40:03.70	0.48	

1844.

2022-11-18 time: 20:11:00.33 UTC ML= 2.1
lat: 45.903N lon: 16.034E h= 8.3 km
erh= 1.6km erz= 1.5km
nr= 16 gap=185 rms=0.37
Locality: Croatia
Comments:

sta	dist	azm	phase	hr mn	sec	res
PTJ	5.9	267	Pg	20:11:01.84	-0.31	
			Sg	11:03.13	-0.44	
ZAG	8.7	201	Pg	20:11:02.49	0.01	
			Sg	11:04.40	0.23	
GCIS	31.8	263	ePg	20:11:06.26	0.07	
			iSg	11:10.27	-0.50	
GOLS	33.9	291	ePg	20:11:07.04	0.47	
CRES	45.6	259	Pg	20:11:08.98	0.38	
			Sg	11:14.81	-0.25	
KOGS	62.9	15	Pg	20:11:11.76	0.10	
			Sg	11:19.98	-0.53	
GROS	74.4	327	Pg	20:11:13.56	-0.14	
			Sg	11:25.34	1.20	
PERS	107.9	319	Pg	20:11:19.78	0.13	
			Sg	11:32.50	-2.23*	
SOKA	115.7	318	Sn	20:11:36.49	-0.14	

1845.

2022-11-19 time: 6:26:10.38 UTC ML= 1.4
lat: 45.934N lon: 16.056E h= 12.2 km
erh= 1.6km erz= 1.2km
nr= 10 gap=188 rms=0.27
Locality: Croatia
Comments:

sta	dist	azm	phase	hr mn	sec	res
PTJ	8.5	244	Pg	6:26:13.01	-0.02	
			Sg	26:14.66	-0.45	
ZAG	12.6	203	Pg	6:26:13.56	0.05	
			Sg	26:15.99	0.03	
RCF6	45.0	350	Sg	6:26:25.73	0.52	
CRES	48.1	256	Pg	6:26:19.55	0.32	
			Sg	26:25.96	-0.18	
KOGS	59.1	15	Sg	6:26:29.17	-0.39	
GROS	72.6	324	Sg	6:26:33.91	0.14	
PERS	106.5	317	Sn	6:26:43.37	-0.37	

Földrengés paraméterek

1846.

2022-11-19 time: 11:21:28.56 UTC ML= 1.8
 lat: 45.905N lon: 16.072E h= 10.0 km
 erh= 3.0km erz= 1.9km
 nr= 13 gap=251 rms=0.49
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PTJ	8.9	266	Pg	11:21:30	0.78	-0.17	
			Sg	21:32	10	-0.71	
ZAG	10.4	216	PgU	11:21:31	19	0.05	
			Sg	21:32	91	-0.24	
GCIS	34.8	263	iPg	11:21:35	27	0.25	
			iSg	21:39	66	-0.40	
GOLS	36.6	289	ePg	11:21:36	26	0.92	
			iSg	21:41	53	0.90	
CRES	48.6	260	Pg	11:21:37	49	0.07	
			Sg	21:44	47	0.14	
GROS	75.9	325	Sg	11:21:52	79	-0.10	
PERS	109.6	318	Sn	11:22:02	04	-1.10	
SOKA	117.4	317	Sn	11:22:04	30	-0.58	

1847.

2022-11-20 time: 1:45:11.81 UTC ML= 1.0
 lat: 47.904N lon: 20.339E h= 0.3 km
 erh= 1.6km erz= 193km
 nr= 5 gap=216 rms=0.28
 Locality: Eger
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PSZ	33.3	273	Pg	1:45:17	79	0.03	
			Sg	45:22	02	-0.37	
KECS	65.3	10	Pg	1:45:23	85	0.38	
			Sg	45:32	24	-0.32	
ABAH	79.9	57	Sg	1:45:37	10	-0.12	

1848.

2022-11-21 time: 6:41:05.87 UTC ML= 2.1
 lat: 47.430N lon: 18.229E h= 11.1 km
 erh= 1.4km erz= 0.9km
 nr= 35 gap= 58 rms=0.71
 Locality: Pusztavám
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	7.8	162	PgU	6:41:07	80	-0.50	
			Sg	41:09	29	-0.90	
PKSG	12.9	109	PgU	6:41:08	42	-0.50	
			Sg	41:10	59	-0.70	
PKST	24.0	218	Pg	6:41:10	09	-0.51	
			Sg	41:13	73	-0.55	
SRO	43.1	8	Sg	6:41:19	55	-0.48	
MPLH	59.6	241	Pg	6:41:17	17	0.47	
			Sg	41:25	58	0.44	
TIH	64.2	203	Pg	6:41:17	93	0.43	
EGYH	67.7	269	Sg	6:41:28	38	0.70	
PKB1	83.5	149	Pg	6:41:21	35	0.43	
			Sg	41:32	22	-0.43	
PKS9	93.8	178	Pg	6:41:24	35	1.62	
			Sg	41:36	14	0.26	
PKB5	100.5	157	P*	6:41:24	51	0.65	
			S*	41:37	14	-0.75	
ZST	119.9	315	eSn	6:41:40	40	-2.07	
MODS	126.8	326	Pn	6:41:27	09	-0.20	
			Sn	41:42	96	-1.04	
SOP	128.9	283	Sn	6:41:44	57	0.12	
PKB3	133.9	147	Sn	6:41:45	46	-0.10	
SMOL	134.5	334	Sn	6:41:45	93	0.21	
PSZ	136.4	67	Pn	6:41:30	52	2.04	
			Sn	41:46	31	0.19	

Hypocenter Parameters

MORH	138.6	167	Pn	6:41:29	34	0.58
			Sn	41:45	55	-1.07
PKSM	139.0	167	Pn	6:41:29	29	0.48
			Sn	41:45	79	-0.91
RONA	148.5	282	Pn	6:41:30	04	0.04
			Sn	41:47	88	-0.93
KOVH	149.4	184	Sn	6:41:48	48	-0.54
PKSV	171.3	179	Sn	6:41:53	59	-0.29
CONA	186.2	287	Pn	6:41:35	08	0.38
			Sn	41:56	45	-0.73

1849.

2022-11-21 time: 7:59:40.35 UTC ML= 1.5
 lat: 48.374N lon: 21.908E h= 0.0 km
 erh= 2.2km erz= 538km
 nr= 8 gap=140 rms=0.38
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
HOLU	39.1	64	Pg	7:59:47	62	0.29	
ABAH	50.3	260	Pg	7:59:49	14	-0.19	
			Sg	59:56	34	0.00	
TRPA	54.2	120	Pg	7:59:49	89	-0.13	
KOLS	67.7	23	Pg	7:59:53	10	0.66	
			Sg	8:00:01	66	-0.21	
STZU	88.7	36	Pg	7:59:56	03	-0.15	
			Sg	8:00:07	46	-1.07	

1850.

2022-11-21 time: 9:28:42.61 UTC ML= 1.8
 lat: 48.489N lon: 17.475E h= 0.0 km
 erh= 7.8km erz= 9.8km
 nr= 9 gap=214 rms=0.84
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	4.4	308	PgU	9:28:43	39	0.00	
			Sg	28:43	72	-0.28	
MODS	19.5	229	Pg	9:28:46	52	0.43	
			Sg	28:49	63	0.82	
ZST	42.7	220	Sg	9:28:56	01	-0.18	
KRUC	101.7	309	Pg	9:29:00	92	0.14	
			Sg	29:13	71	-1.24	
EGYH	119.7	185	Sg	9:29:14	14	-6.52	
PKST	143.1	163	Sn	9:29:27	38	0.50	

1851.

2022-11-21 time: 9:35:22.79 UTC ML= 1.4
 lat: 48.689N lon: 20.775E h= 0.0 km
 erh= 4.5km erz= 6.4km
 nr= 9 gap=109 rms=1.23
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	31.3	223	Pg	9:35:29	17	0.79	
			Sg	35:32	50	-0.24	
ABAH	55.5	142	Pg	9:35:33	13	0.43	
			Sg	35:39	32	-1.12	
NIE	87.9	337	Sg	9:35:50	35	-0.39	
PSZ	107.8	217	Pg	9:35:43	89	1.86	
			Sg	35:55	24	-1.80	
STZU	140.4	75	Sn	9:36:05	29	-1.18	
PENC	149.3	228	Sn	9:36:06	07	-2.37	

Hypocenter Parameters

1852.

2022-11-21 time: 10:56:26.39 UTC ML= 0.6
 lat: 47.194N lon: 18.305E h= 0.0 km
 erh= 1.2km erz= 380km
 nr= 9 gap=150 rms=0.28
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	19.1	350	Pg	10:56:29.72		-0.09	
			Sg	56:31.91		-0.57	
PKST	21.7	289	Pg	10:56:30.11		-0.17	
			Sg	56:33.24		-0.07	
PKSG	23.0	16	Pg	10:56:30.78		0.29	
			Sg	56:33.83		0.14	
MPLH	58.1	267	Pg	10:56:37.20		0.43	
MORH	111.8	167	Sg	10:57:01.81		-0.11	
PKSM	112.1	167	Sg	10:57:01.65		-0.39	

1853.

2022-11-21 time: 11:00:15.41 UTC ML= 2.2
 lat: 48.062N lon: 16.905E h= 0.0 km
 erh= 5.3km erz= 8.4km
 nr= 6 gap=170 rms=0.57
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ZST	21.0	45	Pg	11:00:19.84		0.68	
			Sg	00:21.64		-0.44	
MODS	44.4	39	Pg	11:00:23.60		0.26	
			Sg	00:28.37		-1.15	
PKST	123.1	136	Sg	11:00:54.27		-0.28	
ARSA	137.5	229	Sn	11:00:58.19		-0.26	

1854.

2022-11-22 time: 8:13:41.52 UTC ML= 1.6
 lat: 48.405N lon: 19.599E h= 0.0 km
 erh= 5.2km erz= ***km
 nr= 8 gap=186 rms=0.96
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	58.4	158	Pg	8:13:52.91		0.95	
			Sg	13:59.94		-0.16	
KECS	66.2	82	Pg	8:13:54.08		0.74	
			Sg	14:02.45		-0.11	
PENC	72.3	199	Sg	8:14:04.03		-0.48	
ABAH	122.2	96	Sg	8:14:18.26		-2.11	
NIE	124.3	25	Pg	8:14:04.03		0.32	
			Sg	14:19.13		-1.89	

1855.

2022-11-22 time: 9:27:41.49 UTC ML= 2.5
 lat: 48.346N lon: 18.601E h= 0.0 km
 erh= 2.7km erz= 4.4km
 nr= 17 gap= 81 rms=1.05
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	79.9	141	Sg	9:28:06.53		-0.37	
SMOL	88.7	282	Pg	9:27:58.44		1.11	
MODS	98.1	272	Pg	9:27:59.99		0.98	
			Sg	28:11.98		-0.70	
PKSG	107.3	188	Pg	9:28:01.16		0.52	
			Sg	28:14.26		-1.32	
PSZ	107.4	116	Pg	9:28:01.47		0.80	
			Sg	28:14.63		-0.99	

Földrengés paraméterek

LANS	109.8	35	Pg	9:28:01.32	0.22
			Sg	28:14.24	-2.16
ZST	112.5	261	Pg	9:28:02.19	0.62
			Sg	28:15.19	-2.05
PKST	128.1	199	Sg	9:28:19.55	-2.66
MPLH	153.1	211	Pn	9:28:08.03	0.42
			Sn	28:27.55	-0.43
MORC	176.9	334	Pn	9:28:11.05	0.47
			Sn	28:31.29	-1.99

1856.

2022-11-22 time: 9:40:33.29 UTC ML= 1.6
 lat: 48.448N lon: 21.445E h= 0.0 km
 erh= 7.4km erz=10.1km
 nr= 8 gap=135 rms=1.11
 Locality: Kishuta
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	22.7	222	Pg	9:40:38.54		1.19	
			Sg	40:40.42		-0.10	
KECS	71.1	273	Pg	9:40:47.04		1.06	
			Sg	40:54.90		-0.98	
KOLS	81.4	48	Sg	9:40:58.03		-1.15	
PSZ	129.5	243	Pg	9:40:56.86		0.45	
			Sg	41:12.27		-2.17	
MEZ	153.1	87	Sn	9:41:18.44		-1.36	

1857.

2022-11-22 time: 10:00:09.70 UTC ML= 1.4
 lat: 48.456N lon: 21.499E h= 0.0 km
 erh= 3.0km erz= 5.7km
 nr= 7 gap=112 rms=0.69
 Locality: Kishuta
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	26.2	227	Pg	10:00:14.88		0.51	
			Sg	00:17.71		-0.31	
KECS	75.0	272	Sg	10:00:33.46		-0.08	
KOLS	77.9	47	Sg	10:00:35.00		0.55	
TRPA	85.2	115	Pg	10:00:25.36		0.44	
			Sg	00:35.46		-1.33	
NIE	137.9	321	Sn	10:00:51.50		-1.33	

1858.

2022-11-22 time: 10:07:13.34 UTC ML= 1.8
 lat: 46.044N lon: 22.806E h= 0.0 km
 erh= 3.2km erz= 846km
 nr= 8 gap=162 rms=0.61
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	19.4	157	Pg	10:07:17.00		0.19	
			Sg	07:18.99		-0.53	
GZR	72.4	182	Pg	10:07:26.71		0.44	
			Sg	07:35.15		-1.21	
DRGR	83.4	355	Pg	10:07:28.94		0.71	
			Sg	07:38.56		-1.28	
BZS	104.0	243	Pg	10:07:31.94		0.04	
			Sg	07:46.23		-0.15	

1859.

2022-11-22 time: 10:26:01.11 UTC ML= 0.8
 lat: 47.278N lon: 18.233E h= 0.0 km
 erh= 4.1km erz= 522km
 nr= 6 gap=219 rms=0.32
 Locality: Kincsesbánya
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
CSKK	9.7	12	Pg	10:26:03.27			0.43
			Sg	26:04.39			0.19
PKST	15.2	262	Pg	10:26:03.76			-0.06
			Sg	26:05.58			-0.35
PKSG	17.4	43	Pg	10:26:04.21			-0.01
			Sg	26:05.91			-0.73

1860.

2022-11-22 time: 10:41:24.05 UTC ML= 2.0							
lat: 48.447N		lon: 19.083E		h= 0.0 km			
				erh= 2.6km		erz= 3.2km	
nr=	19			gap=	57		rms=0.90
Locality: Slovakia							
Comments: probably explosion							

sta	dist	azm	phase	hr	mn	sec	res
PENC	74.5	169	Pg	10:41:37.88			0.52
			Sg	41:47.84			0.10
LANS	83.2	20	Pg	10:41:39.13			0.23
PSZ	84.3	134	Pg	10:41:40.01			0.91
			Sg	41:50.09			-0.75
SRO	90.8	219	Sg	10:41:52.12			-0.81
KECS	103.8	88	Pg	10:41:42.65			0.06
			Sg	41:54.88			-2.17
BUD	107.2	182	Sg	10:41:56.89			-1.25
PKSG	128.3	204	Pg	10:41:47.50			0.54
			Sg	42:03.62			-1.20
MODS	133.9	266	Pn	10:41:48.52			0.73
CSKK	135.3	207	Pn	10:41:47.97			0.01
			Sn	42:04.64			-1.97
NIE	140.7	40	Pn	10:41:49.40			0.77
			Sn	42:05.19			-2.61
PKST	153.7	211	Pn	10:41:51.26			1.01
ABAH	160.7	96	Sn	10:42:12.10			-0.13
MORC	185.8	323	Sn	10:42:16.46			-1.34

1861.

2022-11-23 time: 8:10:08.77 UTC ML= 1.8							
lat: 48.523N		lon: 17.529E		h= 0.0 km			
				erh= 2.7km		erz= 3.8km	
nr=	8			gap=	221		rms=0.62
Locality: Slovakia							
Comments: probably explosion							

sta	dist	azm	phase	hr	mn	sec	res
SMOL	7.5	262	Pg	8:10:10.04			-0.06
			Sg	10:10.82			-0.32
MODS	25.0	228	Pg	8:10:13.68			0.46
			Sg	10:16.38			-0.32
ZST	48.2	221	Sg	8:10:23.54			-0.54
KRUC	102.6	306	Pg	8:10:28.00			0.92
			Sg	10:40.83			-0.54
MORC	139.4	0	Sn	8:10:50.69			-1.53

1862.

2022-11-23 time: 8:10:57.64 UTC ML= 1.9							
lat: 48.431N		lon: 21.895E		h= 0.0 km			
				erh= 4.6km		erz= 846km	
nr=	7			gap=	179		rms=0.56
Locality: Slovakia							
Comments: probably explosion							

sta	dist	azm	phase	hr	mn	sec	res
HOLU	37.7	74	Pg	8:11:04.74			0.37
			Sg	11:08.36			-1.26
ABAH	50.8	253	Sg	8:11:13.43			-0.37
KOLS	62.4	27	Pg	8:11:08.87			0.10
			Sg	11:17.66			0.20
KECS	104.4	273	Pg	8:11:16.81			0.53
			Sg	11:29.86			-0.96

1863.

2022-11-23 time: 8:21:33.69 UTC ML= 1.3							
lat: 48.021N		lon: 20.337E		h= 0.0 km			
				erh= 2.4km		erz= 458km	
nr=	6			gap=	185		rms=0.27
Locality: Mónosbél							
Comments: probably explosion							

sta	dist	azm	phase	hr	mn	sec	res
PSZ	35.0	251	Pg	8:21:39.76			-0.18
			Sg	21:44.93			0.11
KECS	52.5	12	Pg	8:21:43.33			0.27
			Sg	21:50.13			-0.24
ABAH	73.7	66	Pg	8:21:47.06			0.21
			Sg	21:56.55			-0.57

1864.

2022-11-23 time: 10:38:06.71 UTC ML= 1.4							
lat: 48.608N		lon: 20.768E		h= 0.0 km			
				erh= 5.7km		erz= ***km	
nr=	6			gap=	196		rms=0.61
Locality: Slovakia							
Comments: probably explosion							

sta	dist	azm	phase	hr	mn	sec	res
KECS	25.0	236	Pg	10:38:11.46			0.29
			Sg	38:14.13			-0.52
ABAH	49.2	135	Sg	10:38:22.50			0.16
PSZ	100.4	220	Pg	10:38:25.32			0.69
			Sg	38:37.45			-1.17
KOLS	116.4	72	Sg	10:38:43.08			-0.64

1865.

2022-11-23 time: 11:00:11.54 UTC ML= 2.0							
lat: 48.143N		lon: 16.829E		h= 0.0 km			
				erh= 4.4km		erz= 913km	
nr=	6			gap=	189		rms=0.53
Locality: Austria							
Comments: probably explosion							

sta	dist	azm	phase	hr	mn	sec	res
ZST	21.2	74	Pg	11:00:15.70			0.37
			Sg	00:17.58			-0.71
MODS	42.1	52	Pg	11:00:19.69			0.63
			Sg	00:24.62			-0.30
KRUC	107.1	343	Sg	11:00:44.97			-0.61
MPLH	120.6	154	Sg	11:00:49.43			-0.45

1866.

2022-11-24 time: 7:34:28.16 UTC ML= 1.7							
lat: 47.329N		lon: 17.651E		h= 0.0 km			
				erh= 2.5km		erz= 2.9km	
nr=	16			gap=	135		rms=1.03
Locality: Bakonyeszűcs							
Comments: probably explosion							

sta	dist	azm	phase	hr	mn	sec	res
MPLH	19.6	205	PgU	7:34:32.09			0.44
			Sg	34:34.11			-0.26
EGYH	26.0	292	Sg	7:34:35.75			-0.67
PKST	30.1	105	Pg	7:34:34.74			1.22
			Sg	34:37.75			0.04
CSKK	46.2	85	Sg	7:34:42.74			-0.12
TIH	51.1	159	Sg	7:34:44.77			0.36
PKSG	56.3	83	Pg	7:34:39.45			1.23
			Sg	34:45.49			-0.58
PKB5	116.1	135	Sg	7:35:04.18			-0.88
PENC	133.0	67	Sn	7:35:08.03			-2.18
KOVH	142.1	166	Pn	7:34:53.62			0.71

Hypocenter Parameters

MORH 145.2 148	Sn	35:10.46	-1.76
	Pn	7:34:53.37	0.08
PKSM 145.4 149	Sn	35:08.79	-4.11
	Sn	7:35:10.95	-2.00

1867.

2022-11-24 time: 8:09:22.18 UTC ML= 1.7
 lat: 48.857N lon: 21.698E h= 0.0 km
 erh= 4.8km erz= 991km
 nr= 7 gap=194 rms=0.68
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOLS	43.0	79	Sg	8:09:	35.24	-0.62	
ABAH	71.0	208	Pg	8:09:	35.48	0.62	
			Sg	09:45.05		0.30	
KECS	98.5	245	Pg	8:09:	40.26	0.49	
			Sg	09:52.03		-1.45	
TRPA	102.0	142	Pg	8:09:	40.51	0.11	
			Sg	09:53.52		-1.09	

1868.

2022-11-24 time: 8:33:30.44 UTC ML= 1.8
 lat: 47.315N lon: 17.637E h= 0.0 km
 erh= 3.1km erz= 3.7km
 nr= 16 gap= 94 rms=1.21
 Locality: Homokbödöge
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	17.7	205	Pg	8:33:	34.64	1.04	
			Sg	33:37.11		1.05	
PKST	30.7	102	Pg	8:33:	36.91	0.99	
			Sg	33:40.63		0.44	
CSKK	47.4	83	Sg	8:33:	45.21	-0.30	
PKSG	57.6	81	Sg	8:33:	48.81	0.07	
PKB5	115.7	134	Sg	8:34:	05.40	-1.83	
MODS	120.8	347	Pg	8:33:	52.64	0.63	
			Sg	34:06.49		-2.34	
KOVH	140.8	165	Pn	8:33:	56.01	0.98	
			Sn	34:12.83		-1.39	
MORH	144.4	148	Pn	8:33:	56.09	0.62	
			Sn	34:12.44		-2.56	
PKSM	144.6	148	Pn	8:33:	55.85	0.34	
			Sn	34:12.29		-2.77	
ARSA	160.1	267	Sn	8:34:	17.22	-1.27	

1869.

2022-11-24 time: 9:04:51.58 UTC ML= 1.4
 lat: 48.282N lon: 21.493E h= 0.0 km
 erh= 6.6km erz= ***km
 nr= 7 gap=149 rms=0.94
 Locality: Bodrogolaszzi
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	18.9	275	Pg	9:04:	55.58	0.62	
			Sg	04:57.81		0.22	
KECS	77.9	287	Pg	9:05:	06.25	0.75	
			Sg	05:15.73		-0.62	
TRPA	79.5	102	Sg	9:05:	16.91	0.05	
KOLS	92.5	38	Sg	9:05:	19.88	-1.10	
PSZ	125.8	251	Sg	9:05:	28.57	-2.98	

Földrengés paraméterek

1870.

2022-11-24 time: 9:05:58.87 UTC ML= 1.6
 lat: 48.299N lon: 21.504E h= 0.0 km
 erh= 5.4km erz= 8.5km
 nr= 10 gap=147 rms=1.32
 Locality: Bodrogolaszzi
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	19.6	269	Sg	9:06:	06.75	1.64	
HOLU	69.9	69	Sg	9:06:	19.51	-1.57	
KECS	78.2	285	Pg	9:06:	13.09	0.26	
			Sg	06:24.05		0.34	
TRPA	79.2	104	Pg	9:06:	14.19	1.18	
			Sg	06:23.66		-0.38	
KOLS	90.5	39	Pg	9:06:	15.75	0.72	
			Sg	06:27.49		-0.14	
PSZ	127.1	251	Sg	9:06:	35.71	-3.57	
NIE	152.1	325	Sn	9:06:	42.75	-2.40	

1871.

2022-11-24 time: 10:08:14.65 UTC ML= 0.9
 lat: 47.212N lon: 18.315E h= 0.0 km
 erh= 3.4km erz= 478km
 nr= 8 gap=250 rms=0.39
 Locality: Moha
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	17.3	346	Pg	10:08:	17.98	0.23	
			Sg	08:19.87		-0.30	
PKSG	20.8	16	Pg	10:08:	18.45	0.08	
			Sg	08:21.30		0.02	
PKST	21.9	284	Pg	10:08:	18.14	-0.42	
			Sg	08:19.80		-1.81	
MPLH	59.0	266	Pg	10:08:	25.57	0.39	
			Sg	08:33.59		0.20	

1872.

2022-11-24 time: 10:12:38.90 UTC ML= 1.6
 lat: 48.635N lon: 21.464E h= 0.0 km
 erh= 5.0km erz= 9.0km
 nr= 9 gap=105 rms=1.33
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	41.1	204	Pg	10:12:	46.67	0.42	
			Sg	12:51.56		-0.42	
KOLS	68.1	61	Sg	10:12:	58.45	-2.11	
HOLU	69.0	100	Sg	10:13:	00.71	-0.11	
KECS	74.1	257	Sg	10:13:	00.83	-1.64	
TRPA	97.4	125	Pg	10:12:	57.69	1.39	
			Sg	13:08.50		-1.37	
NIE	121.2	316	Pg	10:13:	02.27	1.73	
PSZ	141.1	236	Sn	10:13:	21.21	-1.53	

1873.

2022-11-24 time: 11:20:11.33 UTC ML= 1.6
 lat: 48.822N lon: 21.227E h= 0.0 km
 erh= 2.5km erz= 3.2km
 nr= 12 gap= 84 rms=0.80
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	58.6	179	Pg	11:20:	22.64	0.85	
			Sg	20:29.92		-0.03	
KECS	66.4	235	Pg	11:20:	23.86	0.67	
			Sg	20:31.56		-0.88	

Földrengés paraméterek

KOLS	77.7	81	Sg	11:20:36.07	0.04
NIE	94.1	315	Sg	11:20:40.80	-0.43
TRPA	123.8	128	Sg	11:20:49.45	-1.25
LANS	133.8	286	Pn	11:20:35.76	0.71
			Sn	20:51.80	-1.75
KWP	140.4	50	Sn	11:20:54.54	-0.48
PSZ	140.9	224	Sn	11:20:54.15	-0.98
OJC	186.7	326	Sn	11:21:05.89	0.61

1874.

2022-11-24 time: 13:00:22.24 UTC ML= 1.6
lat: 46.041N lon: 22.060E h= 0.0 km
erh= 3.1km erz= 4.9km
nr= 7 gap=175 rms=0.55
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
BZS	58.4	216	Pg	13:00:32.91	0.24	
			Sg	00:39.92	-0.88	
GZR	91.1	142	Pg	13:00:38.98	0.47	
			Sg	00:50.74	-0.45	
DRGR	97.3	31	Pg	13:00:40.15	0.53	
			Sg	00:52.53	-0.65	
CJR	140.0	58	Sn	13:01:05.06	-0.77	

1875.

2022-11-25 time: 2:45:41.69 UTC ML= 2.1
lat: 47.974N lon: 17.322E h= 8.8 km
erh= 1.2km erz= 1.3km
nr= 40 gap= 53 rms=0.70
Locality: Dunakiliti
Comments:

sta	dist	azm	phase	hr mn	sec	res
ZST	29.6	327	PgD	2:45:47.70	0.50	
			Sg	45:51.33	-0.17	
MODS	44.5	356	Pg	2:45:50.10	0.31	
			Sg	45:55.34	-0.77	
SMOL	60.5	8	Pg	2:45:52.91	0.30	
			Sg	46:00.09	-1.04	
EGYH	61.9	179	Pg	2:45:54.24	1.38	
SOP	65.7	240	Pg	2:45:53.36	-0.16	
			Sg	46:02.61	-0.14	
SRO	76.3	104	Pg	2:45:55.60	0.20	
			Sg	46:06.07	-0.02	
RONA	82.6	248	Pg	2:45:56.01	-0.51	
			Sg	46:07.04	-1.05	
MPLH	90.9	170	Pg	2:45:58.18	0.19	
			Sg	46:09.48	-1.23	
WINA	94.3	279	Pg	2:45:58.72	0.13	
			Sg	46:11.45	-0.33	
PKST	95.9	146	Pg	2:45:58.94	0.06	
			Sg	46:10.83	-1.46	
CSKK	97.9	134	Pg	2:45:59.10	-0.14	
			Sg	46:11.90	-1.03	
PKSG	103.1	129	Pg	2:46:00.33	0.16	
CONA	109.2	267	Pn	2:46:00.98	-0.23	
			Sn	46:14.76	-1.68	
TIH	127.0	160	Sn	2:46:19.62	-0.76	
KRUC	139.0	330	Pn	2:46:05.86	0.94	
			Sn	46:21.71	-1.34	
ARSA	157.4	239	Pn	2:46:09.21	2.00	
			Sn	46:27.19	0.06	
ABNA	160.0	299	Pn	2:46:07.92	0.37	
			Sn	46:27.63	-0.09	
MORC	201.1	5	Pn	2:46:13.34	0.67	
			Sn	46:36.30	-0.54	
LANS	205.4	50	Pn	2:46:16.44	3.23	
MORH	219.8	153	Pn	2:46:15.53	0.53	
PKSM	220.1	153	Pn	2:46:15.11	0.08	
SOKA	225.2	230	Pn	2:46:15.96	0.29	
MOA	228.8	267	Pn	2:46:16.18	0.05	

Hypocenter Parameters

OBKA	265.7	232	Sn	46:43.14	0.14
			Pn	2:46:21.25	0.52

1876.

2022-11-25 time: 9:07:17.72 UTC ML= 1.8
lat: 46.031N lon: 22.762E h= 0.0 km
erh= 2.4km erz= 5.0km
nr= 11 gap=115 rms=0.64
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
DEV	19.7	146	PgU	9:07:21.12	-0.13	
			Sg	07:24.09	0.10	
GZR	70.9	179	Pg	9:07:30.56	0.18	
			Sg	07:39.04	-1.22	
DRGR	84.6	357	Pg	9:07:32.89	0.05	
			Sg	07:42.55	-2.07	
CJR	99.4	40	Pg	9:07:36.26	0.78	
BZS	100.2	243	Pg	9:07:36.01	0.39	
			Sg	07:49.26	-0.33	
VOIR	189.9	110	Pn	9:07:48.83	0.40	
			Sn	08:10.87	-1.52	

1877.

2022-11-25 time: 9:27:29.73 UTC ML= 1.2
lat: 47.477N lon: 18.763E h= 0.0 km
erh= 4.6km erz= 4.9km
nr= 12 gap=168 rms=0.94
Locality: Etyek
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
BUD	19.7	88	Sg	9:27:38.21	2.22	
PKSG	29.6	251	Pg	9:27:35.59	0.57	
			Sg	27:39.07	-0.08	
CSKK	40.0	252	Pg	9:27:37.31	0.44	
			Sg	27:42.10	-0.34	
PKST	60.1	246	Pg	9:27:41.22	0.75	
			Sg	27:47.50	-1.34	
PSZ	98.1	60	Sg	9:27:58.72	-2.20	
PKB4	109.7	186	Sg	9:28:04.12	-0.48	
MORH	140.5	184	Sn	9:28:12.39	-1.04	
PKSM	140.9	184	Sn	9:28:13.21	-0.33	
KOVH	162.5	198	Sn	9:28:18.04	-0.27	

1878.

2022-11-25 time: 10:08:43.34 UTC ML= 1.1
lat: 47.633N lon: 18.559E h= 0.0 km
erh= 3.7km erz= ***km
nr= 12 gap=122 rms=0.98
Locality: Tarján
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKSG	29.7	205	Pg	10:08:49.59	0.94	
			Sg	08:52.64	-0.15	
CSKK	37.6	217	Pg	10:08:50.46	0.42	
			Sg	08:54.58	-0.70	
BUD	38.7	115	Pg	10:08:50.30	0.05	
			Sg	08:54.41	-1.23	
PKST	57.5	224	Pg	10:08:54.58	0.98	
			Sg	09:00.66	-0.94	
MPLH	92.6	236	Sg	10:09:11.09	-1.69	
PSZ	104.9	72	Pg	10:09:03.25	1.17	
			Sg	09:15.01	-1.68	
MODS	126.2	311	Sg	10:09:22.25	-1.20	

Hypocenter Parameters

1879.

2022-11-25 time: 13:18:46.13 UTC ML= 1.8
 lat: 45.659N lon: 17.300E h= 0.0 km
 erh= 4.9km erz= 5.0km
 nr= 14 gap=206 rms=0.80
 Locality: Croatia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	78.3	52	Pg	13:19:01.16		1.04	
			Sg		19:11.32		0.29
PKSV	78.3	71	Pg	13:19:01.19		1.07	
			Sg		19:10.77		-0.26
PTJ	107.7	284	Pg	13:19:05.84		0.47	
			Sg		19:18.48		-1.89
KOGS	119.5	317	Pg	13:19:08.19		0.72	
			Sg		19:23.74		-0.38
PKSM	120.8	59	Pg	13:19:07.46		-0.25	
			Sg		19:23.52		-1.02
MORH	121.2	59	Pg	13:19:07.37		-0.41	
			Sg		19:23.62		-1.05
CRES	144.6	277	Pn	13:19:10.72		-0.48	
			Sn		19:29.40		-1.35

1880.

2022-11-25 time: 23:04:05.23 UTC ML= 1.1
 lat: 47.567N lon: 18.500E h= 10.9 km
 erh= 1.3km erz= 1.1km
 nr= 19 gap= 97 rms=0.46
 Locality: Tarján
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSG	21.1	203	Pg	23:04:09.45		-0.03	
			Sg		04:12.54		-0.26
CSKK	29.0	219	Pg	23:04:10.12		-0.64	
			Sg		04:14.89		-0.18
SRO	30.8	333	Sg	23:04:15.91		0.30	
BUD	40.5	103	Pg	23:04:13.01		0.29	
			Sg		04:18.35		-0.22
PKST	49.1	226	Pg	23:04:13.68		-0.53	
			Sg		04:20.89		-0.32
MPLH	84.9	239	Pg	23:04:21.23		0.71	
			Sg		04:32.52		0.08
EGYH	89.6	259	Sg	23:04:33.86		-0.06	
PKB1	89.8	166	Pg	23:04:21.99		0.61	
			Sg		04:34.24		0.26
PKB5	109.5	171	Sn	23:04:38.56		-1.01	
PSZ	111.6	70	Sn	23:04:39.66		-0.38	
PKB4	119.3	176	Sn	23:04:41.57		-0.17	
MORH	150.6	176	Sn	23:04:49.27		0.58	
PKSM	151.0	176	Sn	23:04:49.46		0.68	

1881.

2022-11-26 time: 0:49:49.14 UTC ML= 1.3
 lat: 45.724N lon: 17.893E h= 15.6 km
 erh= 3.5km erz= 1.7km
 nr= 12 gap=150 rms=0.51
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSV	33.4	57	Pg	0:49:56.25		0.52	
			Sg		50:01.24		0.38
KOVH	43.6	22	Pg	0:49:57.16		-0.25	
			Sg		50:03.24		-0.62
PKSM	79.4	47	P*	0:50:03.37		-0.14	
			S*		50:13.79		-0.92
MORH	79.9	47	P*	0:50:03.46		-0.12	
			S*		50:13.97		-0.87
PKB4	102.0	33	Pn	0:50:07.63		0.74	
			Sn		50:21.68		0.94

Földrengés paraméterek

BEHE 119.8 314 Pn 0:50:09.08 -0.04
 BLY 121.8 207 Sn 0:50:24.83 -0.32

1882.

2022-11-26 time: 7:58:58.19 UTC ML= 2.0
 lat: 48.539N lon: 17.400E h= 7.2 km
 erh= 1.3km erz= 1.1km
 nr= 9 gap=139 rms=0.21
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
SMOL	3.5	143	PgD	7:58:59.58		-0.03	
			Sg		59:00.65		-0.07
MODS	20.5	206	Pg	7:59:02.17		0.10	
			Sg		59:05.48		0.39
ZST	44.0	210	Pg	7:59:05.99		-0.17	
			Sg		59:11.88		-0.49
KRUC	94.0	308	Pg	7:59:15.30		0.27	
			Sg		59:27.96		-0.20
MORC	138.1	4	Pn	7:59:21.48		-0.05	

1883.

2022-11-26 time: 13:19:06.48 UTC ML= 2.0
 lat: 48.508N lon: 22.876E h= 0.0 km
 erh= 2.6km erz= 3.8km
 nr= 16 gap= 95 rms=0.85
 Locality: Ukraine
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MUKU	15.2	247	Pg	13:19:10.43		1.24	
HOLU	36.4	273	Pg	13:19:12.78		-0.20	
UZH	45.1	288	Sg	13:19:21.46		0.63	
MEZ	47.2	89	Pg	13:19:15.23		0.33	
			Sg		19:20.92		-0.55
TRPA	48.8	211	Pg	13:19:16.48		1.28	
KOLS	64.8	317	Pg	13:19:17.94		-0.12	
			Sg		19:27.31		0.22
BMR	103.7	154	Pg	13:19:25.35		0.34	
			Sg		19:38.15		-1.30
ABAH	123.4	259	Pg	13:19:27.78		-0.74	
			Sg		19:43.40		-2.32
KWP	125.6	354	Pg	13:19:28.50		-0.40	
KECS	176.7	269	Pn	13:19:36.01		0.47	
			Sn		19:55.84		-2.37
DRGR	191.2	184	Sn	13:20:00.98		-0.46	

1884.

2022-11-26 time: 15:42:01.36 UTC ML= 1.5
 lat: 47.723N lon: 16.010E h= 9.5 km
 erh= 1.8km erz= 1.6km
 nr= 18 gap=118 rms=0.64
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	21.7	97	PgU	15:42:05.81		0.23	
			Sg		42:08.59		-0.29
CONA	25.3	334	Pg	15:42:06.56		0.37	
			Sg		42:09.87		-0.09
SOP	41.4	96	Pg	15:42:09.14		0.19	
			Sg		42:13.87		-0.99
WINA	43.0	6	Pg	15:42:09.47		0.25	
			Sg		42:14.98		-0.36
ARSA	64.1	215	Pg	15:42:12.91		-0.02	
			Sg		42:20.33		-1.63
ABNA	113.7	338	Pn	15:42:21.12		-0.24	
			Sn		42:35.57		-1.38
MODS	119.0	53	Pn	15:42:22.80		0.78	
			Sn		42:36.96		-1.17
MOA	131.4	276	Pn	15:42:24.75		1.19	

Földrengés paraméterek

KRUC 151.6 11	Sn	42:40.73	-0.16
	Pn	15:42:26.75	0.68
	Sn	42:45.02	-0.33

1885.

2022-11-27 time: 23:48:58.46 UTC ML= 0.3
 lat: 47.445N lon: 18.190E h= 10.9 km
 erh= 1.8km erz= 0.7km
 nr= 8 gap=262 rms=0.16
 Locality: Felsődobos
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	10.6	150	PgD	23:49:01.31			0.14
			Sg	49:03.32			0.04
PKSG	16.3	111	Pg	23:49:01.98			0.02
			Sg	49:04.53			-0.15
PKST	23.8	210	PgU	23:49:03.13			0.00
			Sg	49:06.69			-0.08
PKB2	117.2	137	Sn	23:49:34.27			-0.24
PKSM	141.4	166	Sn	23:49:41.91			2.03*

1886.

2022-11-28 time: 10:44:33.43 UTC ML= 1.2
 lat: 47.883N lon: 16.089E h= 0.0 km
 erh= 1.0km erz= 1.6km
 nr= 7 gap=144 rms=0.22
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	17.7	286	Pg	10:44:36.67			0.08
			Sg	44:38.93			-0.13
RONA	25.6	143	Pg	10:44:38.07			0.06
			Sg	44:41.26			-0.32
MODS	103.9	58	Sg	10:45:06.80			0.34
KRUC	133.0	10	Pn	10:44:57.14			0.09
			Sn	45:14.89			-0.58

1887.

2022-11-28 time: 14:04:45.01 UTC ML= 1.9
 lat: 47.103N lon: 19.365E h= 0.0 km
 erh= 4.0km erz= 705km
 nr= 14 gap=185 rms=0.62
 Locality: Tatárszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	16.7	248	Pg	14:04:48.29			0.30
			Sg	04:50.09			-0.23
PKB1	56.2	231	Pg	14:04:54.94			-0.11
PKB5	74.1	220	Pg	14:04:59.13			0.88
			Sg	05:08.76			0.19
PENC	76.7	355	Pg	14:04:59.44			0.74
PKB4	89.0	221	Pg	14:05:01.16			0.25
PSZ	99.0	24	PgU	14:05:02.42			-0.27
			Sg	05:15.29			-1.19
PKS9	100.8	235	Pg	14:05:03.04			0.03
MORH	113.0	209	Pg	14:05:05.08			-0.11
			Sg	05:18.69			-2.24
PKSM	113.5	209	Pg	14:05:05.08			-0.20
			Sg	05:18.89			-2.20

1888.

2022-11-28 time: 20:21:44.56 UTC ML= 1.5
 lat: 46.019N lon: 17.053E h= 11.8 km
 erh= 3.8km erz= 1.9km
 nr= 13 gap=161 rms=0.60
 Locality: Croatia
 Comments:

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
BEHE	54.6	337	Sg	20:22:03.72			1.41
KOGS	78.2	308	Pg	20:21:58.88			0.20
			Sg	22:09.56			-0.13
KOVH	81.4	85	Pg	20:21:59.62			0.37
			Sg	22:10.38			-0.32
RCF6	91.4	293	Sg	20:22:12.77			-1.08
PKSV	94.1	99	Sg	20:22:13.71			-0.99
PKSM	124.7	80	Pn	20:22:06.07			0.44
			Sn	22:21.33			-0.73
MORH	124.9	80	Pn	20:22:05.68			0.02
			Sn	22:21.88			-0.24
CRES	125.7	260	Sn	20:22:23.13			0.85
GROS	129.4	292	Sn	20:22:22.52			-0.58

1889.

2022-11-28 time: 20:50:07.24 UTC ML= 1.8
 lat: 46.022N lon: 17.039E h= 14.2 km
 erh= 3.9km erz= 1.6km
 nr= 10 gap=161 rms=0.41
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOGS	77.1	308	Pg	20:50:21.42			0.19
			Sg	50:32.13			-0.02
KOVH	82.5	85	Pg	20:50:22.42			0.24
			Sg	50:33.38			-0.45
RCF6	90.2	293	S*	20:50:35.00			-0.96
PKSV	95.3	99	S*	20:50:36.56			-0.77
CRES	124.6	260	Sn	20:50:44.61			0.43
PKSM	125.7	80	Sn	20:50:44.57			0.16
MORH	126.0	80	Sn	20:50:44.80			0.33
GROS	128.2	292	Sn	20:50:45.18			0.21

1890.

2022-11-28 time: 21:15:24.78 UTC ML= 1.5
 lat: 46.088N lon: 17.073E h= 10.0 km
 erh= 8.1km erz= 4.0km
 nr= 7 gap=153 rms=0.79
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOGS	75.0	302	Sg	21:15:49.20			0.38
KOVH	79.5	90	Pg	21:15:39.81			0.73
			Sg	15:50.47			0.23
RCF6	90.1	288	Sg	21:15:52.13			-1.47
PKSV	94.1	104	Sg	21:15:53.50			-1.34
PKSM	122.0	84	Sn	21:16:02.35			0.25
CRES	128.6	257	Sn	21:16:03.71			0.15

1891.

2022-11-29 time: 7:27:18.95 UTC ML= 1.6
 lat: 46.011N lon: 22.798E h= 0.0 km
 erh= 4.5km erz= 6.5km
 nr= 11 gap=111 rms=1.30
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	16.4	150	Pg	7:27:22.82			0.95
			Sg	27:24.61			0.46
GZR	68.7	181	Pg	7:27:32.13			0.92
			Sg	27:39.60			-1.18
DRGR	87.0	356	Pg	7:27:36.02			1.53
			Sg	27:45.25			-1.37
CJR	99.4	38	Sg	7:27:48.48			-2.07
BZS	101.8	244	Sg	7:27:50.03			-1.27
DJES	154.6	188	Sn	7:28:03.58			-2.21
VOIR	186.5	110	Pn	7:27:49.96			0.72

Hypocenter Parameters

Sn 28:11.21 -1.66
1892.

2022-11-29 time: 8:10:53.26 UTC ML= 1.6
lat: 46.050N lon: 22.814E h= 0.0 km
erh= 3.7km erz= 7.7km
nr= 9 gap=117 rms=0.74
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	19.8	159	Pg	8:10:56.92		0.12	
			Sg	10:59.73		0.17	
GZR	73.1	182	Pg	8:11:06.25		-0.06	
			Sg	11:15.09		-1.40	
DRGR	82.8	355	Pg	8:11:08.67		0.63	
			Sg	11:18.22		-1.35	
BZS	104.8	243	Pg	8:11:12.91		0.94	
			Sg	11:25.59		-0.97	
VOIR	186.9	111	Sn	8:11:47.22		-0.03	

1893.

2022-11-29 time: 8:27:09.03 UTC ML= 1.6
lat: 46.843N lon: 22.864E h= 0.0 km
erh= 9.4km erz= 5.9km
nr= 6 gap=299 rms=0.30
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	13.0	244	Pg	8:27:11.15		-0.19	
			Sg	27:13.48		0.33	
GZR	161.3	182	Pn	8:27:36.68		0.50	
			Sn	27:57.00		-0.35	
BZS	166.9	215	Pn	8:27:36.68		-0.19	
			Sn	27:58.48		-0.11	

1894.

2022-11-29 time: 8:41:09.67 UTC ML= 1.5
lat: 47.821N lon: 19.062E h= 0.0 km
erh= 6.6km erz= ***km
nr= 9 gap=184 rms=0.79
Locality: Veröce
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	16.8	102	Pg	8:41:13.36		0.69	
			Sg	41:14.60		-0.42	
PSZ	63.2	80	Pg	8:41:21.38		0.42	
			Sg	41:28.62		-1.14	
PKSG	69.5	227	Pg	8:41:23.32		1.23	
			Sg	41:31.03		-0.74	
CSKK	78.9	230	Sg	8:41:34.07		-0.70	
PKST	99.5	231	Sg	8:41:40.29		-1.01	
KECS	129.0	55	Pg	8:41:32.35		-0.35	

1895.

2022-11-29 time: 10:33:24.48 UTC ML= 0.7
lat: 47.211N lon: 18.280E h= 0.0 km
erh= 1.8km erz= 3.4km
nr= 10 gap=120 rms=0.47
Locality: Iszkaszentgyörgy
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	17.0	355	Pg	10:33:27.73		0.22	
			Sg	33:28.70		-1.17	
PKST	19.4	286	Pg	10:33:28.04		0.10	
			Sg	33:31.01		0.38	
PKSG	21.7	23	Pg	10:33:28.63		0.27	

Földrengés paraméterek

			Sg	33:31.76	0.37
MORH	114.1	166	Sg	10:34:00.28	-0.47
PKSM	114.5	166	Sg	10:34:00.91	0.04
PSZ	144.7	57	Sn	10:34:08.82	-0.30
MODS	149.5	330	Sn	10:34:07.41	-2.77

			1896.
2022-11-29	time:	10:49:47.96	UTC ML= 1.8
lat:	47.330N	lon: 18.410E	h= 0.0 km
			erh= 2.0km erz= 994km
nr=	15	gap= 93	rms=0.85
Locality:	Zámoly		
Comments:	probably explosion		

sta	dist	azm	phase	hr	mn	sec	res
PKSG	7.0	348	PgU	10:49:49.32		0.11	
			Sg	49:49.73		-0.46	
CSKK	11.9	288	Pg	10:49:51.00		0.92	
			Sg	49:52.13		0.39	
PKST	29.5	254	Pg	10:49:54.06		0.83	
			Sg	49:56.48		-0.86	
BUD	49.4	70	Sg	10:50:03.69		0.04	
MPLH	68.3	255	Sg	10:50:08.76		-0.90	
EGYH	82.0	277	Sg	10:50:12.45		-1.58	
PKB5	85.4	163	Sg	10:50:15.74		0.64	
MORH	125.2	172	Pg	10:50:11.20		0.89	
			Sg	50:26.61		-1.13	
PKSM	125.6	172	Sg	10:50:26.38		-1.49	
PSZ	129.3	60	Pg	10:50:11.36		0.31	
			Sg	50:27.55		-1.52	

1897.

2022-11-29	time:	13:39:32.33	UTC ML= 2.1
lat:	47.109N	lon: 19.337E	h= 0.0 km
			erh= 3.4km erz= 6.5km
nr=	15	gap=135	rms=0.73
Locality:	Tatárszentgyörgy		
Comments:	probably explosion		

sta	dist	azm	phase	hr	mn	sec	res
PKS7	15.0	243	Pg	13:39:35.80		0.79	
			Sg	39:37.83		0.73	
PKB1	54.9	229	Pg	13:39:41.67		-0.48	
PKB5	73.2	219	Pg	13:39:46.25		0.84	
BSZH	73.6	73	Pg	13:39:46.48		1.00	
PENC	75.9	357	Pg	13:39:46.76		0.87	
PKB4	88.1	219	Pg	13:39:48.32		0.25	
PSZ	99.4	25	PgU	13:39:49.50		-0.57	
			Sg	40:01.98		-1.93	
PKS9	99.4	234	Pg	13:39:49.61		-0.47	
SRO	110.0	315	Pg	13:39:51.69		-0.28	
MORH	112.5	208	Pg	13:39:52.08		-0.34	
PKSM	113.0	208	Pg	13:39:51.96		-0.55	
			Sg	40:06.16		-2.09	
KOVH	147.8	220	Pn	13:39:57.63		-0.17	

1898.

2022-11-30	time:	9:26:26.99	UTC ML= 1.8
lat:	48.511N	lon: 17.523E	h= 0.0 km
			erh= 2.5km erz= 2.1km
nr=	12	gap=221	rms=0.61
Locality:	Slovakia		
Comments:	probably explosion		

sta	dist	azm	phase	hr	mn	sec	res
SMOL	7.0	272	PgU	9:26:28.76		0.52	
			Sg	26:29.26		0.05	
MODS	23.7	230	Pg	9:26:31.87		0.64	
			Sg	26:34.33		-0.21	
ZST	46.9	222	Sg	9:26:41.61		-0.28	
KRUC	103.0	306	Pg	9:26:45.90		0.51	
			Sg	26:58.79		-0.96	

Földrengés paraméterek

RONA	128.4	225	Pg	9:26:50.38	0.46
			Sg	27:06.94	-0.87
CONA	139.4	242	Pn	9:26:51.34	-0.07
			Sn	27:09.18	-1.28
MORC	140.8	1	Sn	9:27:09.76	-1.00
1899.					

2022-11-30 time: 9:50:30.23 UTC ML= 1.5
lat: 48.457N lon: 19.398E h= 0.0 km
erh= 3.3km erz= 5.0km
nr= 7 gap=177 rms=0.61
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	70.3	148	Sg	9:50:52.53	-0.04
PENC	74.6	187	Sg	9:50:53.52	-0.41
LANS	77.4	4	Pg	9:50:44.55	0.51
			Sg	50:53.75	-1.07
KECS	80.5	88	Pg	9:50:45.26	0.66
			Sg	50:55.55	-0.25
ABAH	137.6	97	Sn	9:51:12.41	-0.87

1900.

2022-11-30 time: 10:26:02.41 UTC ML= 1.6
lat: 48.650N lon: 21.455E h= 0.0 km
erh= 4.1km erz= 4.2km
nr= 9 gap=206 rms=0.59
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	42.5	202	Pg	10:26:10.07	0.08
			Sg	26:16.46	0.55
HOLU	69.9	101	Sg	10:26:23.79	-0.84
KECS	73.9	255	Pg	10:26:15.76	0.15
			Sg	26:24.88	-1.03
TRPA	98.9	126	Pg	10:26:20.52	0.44
			Sg	26:33.15	-0.71
PSZ	141.5	235	Pn	10:26:27.85	0.76
			Sn	26:45.47	-0.88

1901.

2022-11-30 time: 10:31:52.69 UTC ML= 0.4
lat: 47.227N lon: 18.296E h= 0.0 km
erh= 1.9km erz= 448km
nr= 7 gap=145 rms=0.31
Locality: Moha
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	15.4	350	Pg	10:31:55.46	0.02
			Sg	31:57.19	-0.40
PKSG	19.7	21	Pg	10:31:56.60	0.39
			Sg	31:58.79	-0.17
PKST	20.1	280	Pg	10:31:56.33	0.05
			Sg	31:59.18	0.10
MORH	115.5	167	Sg	10:32:28.46	-0.94

1902.

2022-11-30 time: 10:34:23.57 UTC ML= 2.1
lat: 45.614N lon: 17.311E h= 0.0 km
erh= 3.2km erz= 4.9km
nr= 18 gap=119 rms=1.11
Locality: Croatia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSV	79.4	67	Pg	10:34:38.89	1.15
			Sg	34:48.30	-0.50

Hypocenter Parameters

KOVH	80.9	49	Pg	10:34:38.24	0.23
			Sg	34:48.50	-0.77
BLY	96.6	186	Pg	10:34:41.78	0.95
			Sg	34:53.58	-0.71
BEHE	103.8	336	Pg	10:34:43.76	1.65
PTJ	109.9	287	Sg	10:34:56.45	-2.07
PKSM	122.8	57	Pg	10:34:45.67	0.17
			Sg	35:00.52	-2.08
MORH	123.2	57	Pg	10:34:45.67	0.10
			Sg	35:01.61	-1.12
KOGS	123.9	318	Pg	10:34:45.92	0.23
			Sg	35:01.01	-1.93
CRES	146.2	279	Pn	10:34:48.79	-0.05
			Sn	35:06.25	-2.30
GROS	168.7	304	Pn	10:34:53.09	1.44
			Sn	35:12.36	-1.18

1903.

2022-11-30 time: 10:37:30.80 UTC ML= 1.6
lat: 48.838N lon: 21.433E h= 0.0 km
erh= 4.5km erz= 6.2km
nr= 8 gap=236 rms=0.65
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	61.9	193	Pg	10:37:42.82	0.96
			Sg	37:50.70	0.21
HOLU	78.1	116	Sg	10:37:55.12	-0.52
KECS	80.1	241	Pg	10:37:45.40	0.29
			Sg	37:55.46	-0.82
TRPA	113.5	134	Pg	10:37:50.86	-0.21
			Sg	38:06.69	-0.20
PSZ	153.1	228	Sn	10:38:15.47	-1.83

1904.

2022-11-30 time: 11:00:12.21 UTC ML= 1.9
lat: 48.058N lon: 17.012E h= 0.0 km
erh= 4.0km erz= ***km
nr= 7 gap=132 rms=0.72
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ZST	16.8	24	Pg	11:00:15.93	0.72
			Sg	00:17.17	-0.38
MODS	40.3	29	Pg	11:00:19.55	0.14
			Sg	00:24.41	-0.60
RONA	66.7	233	Sg	11:00:34.25	0.82
EGYH	75.2	161	Sg	11:00:35.80	-0.30
CONA	87.1	260	Sg	11:00:38.12	-1.77

1905.

2022-11-30 time: 11:05:37.68 UTC ML= 1.7
lat: 46.880N lon: 17.346E h= 0.0 km
erh= 3.4km erz= 7.6km
nr= 14 gap=133 rms=1.10
Locality: Lesenceistvánd
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	35.5	25	Pg	11:05:44.43	0.42
			Sg	05:48.41	-0.54
TIH	41.8	87	Sg	11:05:52.15	1.19
BEHE	63.1	224	Sg	11:05:57.76	0.03
PKST	67.2	51	Pg	11:05:51.21	1.53
			Sg	05:58.08	-0.95
PKSG	97.6	54	Sg	11:06:07.12	-1.58
KOVH	105.4	147	Pg	11:05:57.37	0.87
			Sg	06:11.49	0.32
MORH	124.0	127	Sg	11:06:16.33	-0.76
PKSM	124.1	127	Sg	11:06:15.78	-1.34

Hypocenter Parameters

PKSV	130.4	148	Sg	11:06:16.87	-2.27
GROS	148.6	252	Pn	11:06:03.69	0.45
			Sn	06:21.16	-2.02

1906.

2022-11-30 time: 13:16:47.00 UTC ML= 1.6
 lat: 47.587N lon: 16.315E h= 0.0 km
 erh= 1.8km erz= 3.1km
 nr= 15 gap= 80 rms=0.74
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.6	354	PgU	13:16:49.98	0	0.72	
			Sg	16:50.87		-0.15	
SOP	21.2	60	Pg	13:16:51.03		0.24	
			Sg	16:53.50		-0.25	
CONA	51.0	318	Pg	13:16:56.75		0.65	
			Sg	17:02.11		-1.09	
ARSA	70.4	238	Sg	13:17:09.35		-0.04	
MPLH	103.5	117	Sg	13:17:18.90		-0.98	
MODS	113.3	39	Pg	13:17:08.26		1.04	
			Sg	17:21.61		-1.39	
KOGS	126.7	182	Pg	13:17:10.16		0.54	
			Sg	17:26.49		-0.77	
GROS	139.6	206	Sn	13:17:29.66		-0.83	
KRUC	164.2	2	Pn	13:17:14.28		-0.22	
			Sn	17:34.46		-1.49	

1907.

2022-11-30 time: 13:53:05.21 UTC ML= 2.0
 lat: 47.064N lon: 19.467E h= 0.0 km
 erh= 3.6km erz= 6.2km
 nr= 15 gap=195 rms=0.64
 Locality: Felsőlajos
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	23.3	265	Pg	13:53:09.51		0.14	
			Sg	53:11.93		-0.69	
PKB1	60.1	239	Pg	13:53:16.69		0.75	
PKB5	76.4	227	Pg	13:53:19.74		0.89	
			Sg	53:30.03		0.54	
PENC	81.9	350	Pg	13:53:20.21		0.38	
PKB4	91.3	226	Pg	13:53:22.01		0.50	
PSZ	100.2	19	PgU	13:53:23.06		-0.05	
			Sg	53:36.25		-0.82	
PKS9	105.1	240	Pg	13:53:22.79		-1.18	
MORH	113.4	214	Pg	13:53:25.41		-0.05	
			Sg	53:40.13		-1.14	
PKSM	113.9	214	Pg	13:53:25.33		-0.22	
			Sg	53:40.24		-1.18	
KOVH	150.9	224	Pn	13:53:31.20		0.15	

1908.

2022-12-01 time: 7:11:27.23 UTC ML= 1.6
 lat: 45.917N lon: 16.016E h= 0.1 km
 erh= 1.8km erz=87.6km
 nr= 10 gap=173 rms=0.37
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PTJ	4.9	247	PgD	7:11:27.80		-0.31	
			Sg	11:28.81		0.02	
ZAG	10.0	190	Pg	7:11:28.98		-0.03	
			Sg	11:30.27		-0.13	
CRES	44.6	257	Pg	7:11:35.78		0.58	
			Sg	11:40.93		-0.48	
RCF6	46.4	355	Pg	7:11:35.63		0.11	
			Sg	11:41.81		-0.18	
KOGS	61.7	17	Pg	7:11:38.58		0.33	

Földrengés paraméterek

Sg	11:45.68	-1.16
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1909.

2022-12-01 time: 8:07:16.57 UTC ML= 1.2
 lat: 48.001N lon: 20.321E h= 0.0 km
 erh= 5.5km erz= 985km
 nr= 6 gap=189 rms=0.60
 Locality: Szarvaskő
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	33.2	254	Pg	8:07:22.57		0.08	
			Sg	07:27.04		-0.07	
KECS	55.0	13	Pg	8:07:26.70		0.32	
			Sg	07:33.11		-0.93	
ABAH	75.8	64	Pg	8:07:30.70		0.60	
			Sg	07:39.26		-1.40	

1910.

2022-12-01 time: 8:10:21.52 UTC ML= 1.6
 lat: 47.676N lon: 18.574E h= 0.0 km
 erh= 1.9km erz= 3.1km
 nr= 19 gap=126 rms=0.97
 Locality: Nagysáp
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SRO	24.8	308	Pg	8:10:26.38		0.44	
			Sg	10:28.93		-0.46	
PKSG	34.5	204	Pg	8:10:28.63		0.95	
			Sg	10:32.03		-0.45	
BUD	40.1	122	Sg	8:10:33.76		-0.49	
CSKK	42.1	214	Pg	8:10:29.57		0.54	
			Sg	10:34.94		0.06	
PENC	54.6	77	Sg	8:10:40.23		1.36	
PKST	61.7	221	Pg	8:10:33.23		0.70	
			Sg	10:42.42		1.29	
MPLH	96.2	234	Sg	8:10:51.55		-0.55	
EGYH	97.8	253	Sg	8:10:53.67		1.06	
PSZ	102.6	75	Sg	8:10:53.42		-0.69	
MODS	123.9	309	Pg	8:10:43.25		-0.40	
			Sg	10:57.25		-3.66	
MORH	162.5	178	Pn	8:10:48.94		0.13	
			Sn	11:07.59		-2.50	
PKSM	162.9	178	Pn	8:10:48.29		-0.57	
			Sn	11:07.59		-2.60	

1911.

2022-12-01 time: 9:36:29.65 UTC ML= 1.8
 lat: 48.599N lon: 20.790E h= 0.0 km
 erh= 3.6km erz= 741km
 nr= 7 gap=193 rms=0.49
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	25.9	240	Pg	9:36:34.38		0.09	
			Sg	36:37.81		-0.09	
ABAH	47.4	135	Pg	9:36:38.51		0.40	
			Sg	36:44.11		-0.60	
PSZ	100.8	221	Pg	9:36:48.08		0.43	
			Sg	36:59.68		-2.01	
LANS	114.7	302	Pg	9:36:49.85		-0.29	

Földrengés paraméterek

1912.

2022-12-01 time: 10:00:02.79 UTC ML= 1.9
 lat: 48.430N lon: 17.254E h= 0.0 km
 erh= 2.1km erz= 4.9km
 nr= 9 gap=110 rms=0.54

Locality: Slovakia

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	6.5	164	Pg	10:00:03.95			0.00
			Sg	00:04.58			-0.27
SMOL	16.0	54	Pg	10:00:05.44			-0.20
			Sg	00:08.48			0.62
ZST	28.3	203	Pg	10:00:08.70			0.86
			Sg	00:10.77			-1.01
KRUC	94.5	318	Pg	10:00:19.65			-0.01
			Sg	00:31.94			-0.88
ARSA	184.3	225	Sn	10:00:56.55			0.33

1913.

2022-12-01 time: 10:12:42.79 UTC ML= 1.3
 lat: 45.899N lon: 16.009E h= 5.7 km
 erh= 0.9km erz= 1.2km
 nr= 6 gap=171 rms=0.11

Locality: Croatia

Comments:

sta	dist	azm	phase	hr	mn	sec	res
PTJ	3.9	272	Pg	10:12:43.85			-0.17
			Sg	12:45.01			0.03
ZAG	7.8	188	Pg	10:12:44.49			-0.03
			Sg	12:45.99			0.13
CRES	43.6	259	Sg	10:12:56.89			0.12
KOGS	63.9	17	Sg	10:13:03.28			0.11

1914.

2022-12-01 time: 11:36:16.81 UTC ML= 1.5
 lat: 47.865N lon: 19.108E h= 0.0 km
 erh= 4.2km erz= 824km
 nr= 7 gap=186 rms=0.54

Locality: Szendehely

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	15.4	122	Pg	11:36:20.36			0.79
			Sg	36:21.45			-0.27
PSZ	59.1	84	Pg	11:36:27.36			-0.01
			Sg	36:34.60			-1.01
PKST	105.2	230	Pg	11:36:35.69			0.10
			Sg	36:49.24			-1.00
KECS	123.4	56	Pg	11:36:39.04			0.19

1915.

2022-12-01 time: 12:26:01.82 UTC ML= 1.9
 lat: 47.081N lon: 19.361E h= 0.0 km
 erh= 3.8km erz= 728km
 nr= 13 gap=186 rms=0.62

Locality: Tatárszentgyörgy

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	15.7	256	Pg	12:26:04.72			0.10
			Sg	26:06.71			-0.10
PKB1	54.4	233	Pg	12:26:11.65			0.11
PKB5	72.1	221	Pg	12:26:16.05			1.36
			Sg	26:24.57			-0.15
PENC	79.2	356	Pg	12:26:16.48			0.52
PKB4	87.0	222	Pg	12:26:17.68			0.33
PKS9	99.2	236	Pg	12:26:19.24			-0.29
PSZ	101.4	23	Pg	12:26:19.12			-0.82

Hypocenter Parameters

MORH	110.7	210	Pg	12:26:21.46	-0.13
			Sg	26:35.79	-1.22
PKSM	111.2	210	Pg	12:26:21.85	0.17
			Sg	26:35.59	-1.57

1916.

2022-12-01 time: 12:44:04.55 UTC ML= 2.0
 lat: 47.090N lon: 19.368E h= 0.0 km
 erh= 3.7km erz= 676km
 nr= 13 gap=186 rms=0.58

Locality: Tatárszentgyörgy

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	16.4	253	Pg	12:44:07.67			0.19
			Sg	44:09.65			-0.11
PKB1	55.4	232	Pg	12:44:14.21			-0.24
PKB5	73.1	221	Pg	12:44:18.80			1.19
			Sg	44:28.84			1.05
PENC	78.2	355	Pg	12:44:18.96			0.45
PKB4	88.0	221	Pg	12:44:20.51			0.24
PKS9	100.1	236	Pg	12:44:22.07			-0.35
PSZ	100.3	23	Pg	12:44:21.95			-0.51
MORH	111.8	210	Pg	12:44:24.45			-0.06
			Sg	44:38.93			-1.16
PKSM	112.3	210	Pg	12:44:24.37			-0.23
			Sg	44:39.08			-1.17

1917.

2022-12-01 time: 13:05:55.04 UTC ML= 1.5
 lat: 47.902N lon: 16.011E h= 0.0 km
 erh= 4.9km erz= 8.2km
 nr= 9 gap=166 rms=0.93

Locality: Austria

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SOP	47.7	121	Pg	13:06:04.34			0.78
			Sg	06:09.60			-0.60
ARSA	81.2	207	Pg	13:06:10.54			0.99
			Sg	06:18.65			-2.21
MODS	107.9	61	Sg	13:06:29.83			0.51
EGYH	112.9	119	Sg	13:06:30.04			-0.89
SMOL	125.4	57	Sg	13:06:34.27			-0.64
KRUC	132.1	12	Pn	13:06:18.81			0.27
			Sn	06:35.73			-1.14

1918.

2022-12-02 time: 7:26:30.30 UTC ML= 1.2
 lat: 47.087N lon: 17.980E h= 0.0 km
 erh= 1.9km erz= 736km
 nr= 15 gap= 91 rms=0.63

Locality: Litér

Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	19.6	12	Pg	7:26:33.54			-0.26
			Sg	26:36.00			-0.53
TIH	21.8	198	Sg	7:26:38.33			1.11
MPLH	34.7	286	Sg	7:26:41.17			-0.14
CSKK	37.4	35	Pg	7:26:37.59			0.62
			Sg	26:41.54			-0.64
PKSG	46.0	43	Pg	7:26:39.16			0.64
			Sg	26:45.02			0.09
PKB5	79.5	133	Sg	7:26:56.55			1.00
MORH	109.4	152	Pg	7:26:49.85			0.03
			Sg	27:04.06			-1.00
PKSM	109.7	152	Pg	7:26:49.66			-0.22
			Sg	27:03.75			-1.40
KOVH	111.4	175	Pg	7:26:50.46			0.28
			Sg	27:04.55			-1.14

Hypocenter Parameters

1919.

2022-12-02 time: 8:23:14.22 UTC ML= 2.0
 lat: 46.142N lon: 16.477E h= 0.0 km
 erh= 3.3km erz= 6.3km
 nr= 15 gap=143 rms=1.05
 Locality: Croatia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOGS	38.2	333	Pg	8:23:21.05			0.00
			Sg	23:26.75			0.38
BEHE	43.1	32	Sg	8:23:28.15			0.23
RCF6	45.2	298	Pg	8:23:23.85			1.56
			Sg	23:28.85			0.26
PTJ	48.4	236	Sg	8:23:28.76			-0.84
GROS	83.1	295	Sg	8:23:39.30			-1.32
CRES	86.5	246	Pg	8:23:30.64			0.97
			Sg	23:41.28			-0.44
PERS	118.1	298	Pg	8:23:36.49			1.17
			Sg	23:50.06			-1.71
KOVH	125.6	93	Sg	8:23:52.33			-1.82
SOKA	126.0	298	Pg	8:23:36.99			0.27
			Sg	23:52.87			-1.41
ARSA	143.2	329	Sn	8:23:56.99			-1.53

1920.

2022-12-02 time: 9:48:46.64 UTC ML= 1.4
 lat: 46.881N lon: 17.343E h= 0.0 km
 erh= 2.1km erz= 703km
 nr= 9 gap=145 rms=0.53
 Locality: Lesenceistvánd
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	35.4	25	Pg	9:48:53.17			0.21
			Sg	48:57.53			-0.36
TIH	42.0	87	Sg	9:49:01.83			1.86
PKST	67.2	51	Pg	9:48:58.87			0.23
			Sg	49:07.74			-0.27
KOGS	96.5	240	Sg	9:49:17.40			0.08
PKB5	111.1	107	Sg	9:49:21.13			-0.82
MORH	124.2	127	Sg	9:49:26.27			0.15
PKSM	124.3	127	Sg	9:49:25.50			-0.65

1921.

2022-12-02 time: 10:18:35.98 UTC ML= 1.5
 lat: 48.565N lon: 20.806E h= 0.0 km
 erh= 2.6km erz= 5.9km
 nr= 12 gap= 90 rms=0.88
 Locality: Tornanádaska
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	25.3	249	Pg	10:18:40.51			0.00
			Sg	18:44.21			0.18
ABAH	43.9	133	Pg	10:18:44.05			0.23
			Sg	18:50.63			0.70
PSZ	98.7	223	Sg	10:19:08.03			0.66
NIE	101.6	339	Pg	10:18:55.62			1.50
			Sg	19:08.38			0.11
KOLS	115.4	69	Pg	10:18:57.37			0.78
			Sg	19:11.66			-1.01
HOLU	116.6	92	Pg	10:18:55.97			-0.84
LANS	117.8	304	Pg	10:18:55.85			-1.17
TRPA	137.3	111	Sn	10:19:17.30			-1.67

Földrengés paraméterek

1922.

2022-12-02 time: 14:25:32.70 UTC ML= 1.8
 lat: 47.098N lon: 19.348E h= 0.0 km
 erh= 5.4km erz= 936km
 nr= 13 gap=184 rms=0.79
 Locality: Tatárszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	15.3	248	Pg	14:25:35.45			0.02
			Sg	25:37.01			-0.55
PKB1	54.9	230	Pg	14:25:43.78			1.29
PKB5	72.9	220	Pg	14:25:46.89			1.18
			Sg	25:56.74			0.87
PENC	77.1	356	Pg	14:25:47.00			0.54
PKB4	87.8	220	Pg	14:25:48.61			0.24
PKS9	99.4	235	Pg	14:25:49.81			-0.64
PSZ	100.0	24	Pg	14:25:49.70			-0.86
MORH	111.9	209	Pg	14:25:52.54			-0.15
			Sg	26:07.06			-1.22
PKSM	112.4	209	Pg	14:25:52.27			-0.50
			Sg	26:06.82			-1.61

1923.

2022-12-02 time: 14:43:17.73 UTC ML= 1.8
 lat: 47.070N lon: 19.430E h= 0.0 km
 erh= 3.1km erz= 5.2km
 nr= 14 gap=192 rms=0.52
 Locality: Tatárszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	20.6	263	Pg	14:43:21.54			0.12
			Sg	43:23.80			-0.49
PKB1	58.1	237	Pg	14:43:28.04			-0.06
PKB5	74.8	225	Pg	14:43:31.94			0.85
			Sg	43:41.82			0.30
PENC	80.9	352	Pg	14:43:32.64			0.47
PKB4	89.7	225	Pg	14:43:34.31			0.55
PSZ	100.6	20	PgU	14:43:35.09			-0.60
PKS9	103.0	239	Pg	14:43:35.79			-0.33
MORH	112.5	212	Pg	14:43:37.93			0.12
			Sg	43:51.98			-1.49
PKSM	112.9	212	Pg	14:43:37.70			-0.20
			Sg	43:52.02			-1.61
KOVH	149.4	223	Pn	14:43:43.34			-0.05

1924.

2022-12-05 time: 9:14:21.92 UTC ML= 1.0
 lat: 47.695N lon: 18.507E h= 0.0 km
 erh= 1.2km erz= 426km
 nr= 10 gap=127 rms=0.33
 Locality: Héreg
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	34.9	194	Pg	9:14:27.95			-0.20
			Sg	14:32.60			-0.41
CSKK	41.3	207	Pg	9:14:30.04			0.74
			Sg	14:35.31			0.25
PENC	59.1	80	Sg	9:14:40.74			0.04
PKST	60.2	216	Sg	9:14:40.82			-0.23
MPLH	93.5	231	Sg	9:14:51.51			-0.12
EGYH	93.7	251	Sg	9:14:51.67			-0.03
PSZ	106.9	77	Sg	9:14:55.78			-0.12
MODS	118.7	309	Sg	9:14:59.50			-0.16

Földrengés paraméterek

1925.

2022-12-05 time: 9:38:10.70 UTC ML= 1.5
 lat: 48.952N lon: 21.288E h= 0.0 km
 erh= 2.8km erz= 5.3km
 nr= 8 gap=108 rms=0.74
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	73.0	183	Sg	9:38:34.51			0.60
KECS	78.8	229	Pg	9:38:24.45			-0.32
			Sg	38:35.29			-0.45
NIE	88.0	306	Pg	9:38:27.18			0.76
			Sg	38:38.72			0.04
STZU	97.9	86	Pg	9:38:28.85			0.66
KWP	127.9	54	Sg	9:38:49.95			-1.41
LANS	134.9	279	Sn	9:38:51.90			-1.26

1926.

2022-12-05 time: 9:43:32.63 UTC ML= 1.5
 lat: 48.747N lon: 20.795E h= 0.0 km
 erh= 5.3km erz= ***km
 nr= 7 gap=172 rms=0.90
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	37.1	218	Pg	9:43:40.14			0.88
			Sg	43:43.59			-0.84
ABAH	59.9	147	Pg	9:43:44.28			0.95
			Sg	43:50.75			-0.93
NIE	82.6	335	Sg	9:43:57.71			-1.18
PSZ	113.7	216	Pg	9:43:53.19			0.25
			Sg	44:07.44			-1.34

1927.

2022-12-05 time: 9:49:47.98 UTC ML= 1.9
 lat: 48.104N lon: 16.865E h= 0.0 km
 erh= 5.3km erz= ***km
 nr= 6 gap=164 rms=0.65
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ZST	20.4	60	PgU	9:49:52.40			0.77
			Sg	49:53.61			-0.87
MODS	42.9	46	Pg	9:49:56.07			0.43
			Sg	50:00.59			-1.02
RONA	61.9	223	Pg	9:49:58.58			-0.45
KRUC	112.1	342	Sg	9:50:23.95			0.35

1928.

2022-12-05 time: 9:51:09.84 UTC ML= 1.1
 lat: 46.182N lon: 18.295E h= 0.0 km
 erh= 2.3km erz= 416km
 nr= 8 gap=207 rms=0.31
 Locality: Zobákkpuszta
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	18.3	235	Pg	9:51:12.78			-0.33
			Sg	51:15.35			-0.31
PKSM	27.0	83	Pg	9:51:14.88			0.22
			Sg	51:18.31			-0.10
MORH	27.2	82	Pg	9:51:14.76			0.06
			Sg	51:18.15			-0.35
PKSV	32.8	186	Pg	9:51:16.26			0.56
			Sg	51:20.11			-0.16

Hypocenter Parameters

1929.

2022-12-05 time: 11:00:00.81 UTC ML= 1.8
 lat: 48.170N lon: 16.889E h= 0.0 km
 erh= 5.9km erz= 890km
 nr= 7 gap=161 rms=0.59
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ZST	16.1	80	Pg	11:00:03.81			0.12
			Sg	00:05.57			-0.36
MODS	36.6	52	Pg	11:00:07.67			0.32
			Sg	00:11.86			-0.60
RONA	68.5	220	Pg	11:00:13.91			0.86
			Sg	00:21.87			-0.72
CONA	81.2	251	Sg	11:00:25.66			-0.96

1930.

2022-12-05 time: 11:04:35.61 UTC ML= 1.9
 lat: 48.844N lon: 21.654E h= 0.0 km
 erh= 2.0km erz= 3.3km
 nr= 15 gap= 98 rms=0.69
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOLS	46.5	78	Pg	11:04:44.00			0.09
			Sg	04:49.93			-0.45
ABAH	68.2	207	Pg	11:04:48.45			0.67
			Sg	04:56.59			-0.68
KECS	94.9	245	Pg	11:04:52.74			0.18
			Sg	05:04.74			-1.05
TRPA	102.8	140	Pg	11:04:54.63			0.66
			Sg	05:07.68			-0.61
KWP	116.4	41	Pg	11:04:56.69			0.29
			Sg	05:10.43			-2.19
NIE	116.9	303	Pg	11:04:57.57			1.09
			Sg	05:11.80			-0.97
LANS	163.6	282	Sn	11:05:24.40			-0.03
PSZ	166.1	232	Pn	11:05:02.56			-0.79
			Sn	05:24.75			-0.23

1931.

2022-12-05 time: 12:10:12.11 UTC ML= 0.5
 lat: 45.978N lon: 18.553E h= 0.0 km
 erh= 1.0km erz= 134km
 nr= 7 gap=232 rms=0.41
 Locality: Babarc
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	25.3	247	Pg	12:10:16.90			0.26
			Sg	10:20.09			-0.08
PKSM	26.9	15	Pg	12:10:17.20			0.28
			Sg	10:20.22			-0.45
MORH	27.4	15	Pg	12:10:17.28			0.27
			Sg	10:20.40			-0.42
KOVH	37.2	289	Sg	12:10:22.74			-1.19

1932.

2022-12-05 time: 12:51:56.37 UTC ML= 1.8
 lat: 47.096N lon: 19.384E h= 0.0 km
 erh= 3.9km erz= 908km
 nr= 13 gap=187 rms=0.76
 Locality: Tatárszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	17.8	252	Pg	12:52:00.31			0.76
			Sg	52:02.41			0.38

Hypocenter Parameters

PKB1	56.8	232	Pg	12:52:06.51	-0.02
PKB5	74.5	222	Pg	12:52:10.60	0.92
			Sg	52:20.59	0.54
PENC	77.6	354	Pg	12:52:10.95	0.72
PSZ	99.2	23	Pg	12:52:13.72	-0.37
			Sg	52:27.02	-0.88
PKST	103.9	280	Sg	12:52:27.37	-2.03
MORH	113.1	210	Pg	12:52:16.49	-0.07
			Sg	52:30.96	-1.35
PKSM	113.6	210	Pg	12:52:16.45	-0.20
			Sg	52:31.00	-1.47

1933.

2022-12-05	time:	13:06:12.46	UTC	ML= 1.0
lat:	47.841N	lon:	16.013E	h= 0.0 km
		erh=	1.0km	erz= 1.7km
nr=	6	gap=	115	rms=1.34
Locality:	Austria			
Comments:	probably explosion			

sta	dist	azm	phase	hr mn	sec	res
CONA	14.9	310	Pg	13:06:15.85	0.73	
			Sg	06:18.02	0.82	
RONA	26.4	127	Pg	13:06:17.96	0.78	
			Sg	06:21.18	0.32	
ARSA	75.4	209	Sg	13:06:34.57	-1.85	
KRUC	138.6	12	Sn	13:06:52.53	-3.22	

1934.

2022-12-05	time:	13:09:08.77	UTC	ML= 1.8
lat:	47.050N	lon:	19.432E	h= 0.0 km
		erh=	5.0km	erz= ***km
nr=	11	gap=	193	rms=0.84
Locality:	Ladánybene			
Comments:	probably explosion			

sta	dist	azm	phase	hr mn	sec	res
PKS7	20.6	269	Pg	13:09:12.38	-0.07	
			Sg	09:14.45	-0.87	
PKB5	73.4	226	Pg	13:09:23.24	1.37	
			Sg	09:33.46	1.37	
PENC	83.1	352	Pg	13:09:24.02	0.41	
PKS9	102.0	240	Pg	13:09:26.95	-0.02	
PSZ	102.6	20	Pg	13:09:26.59	-0.51	
MORH	110.6	213	Pg	13:09:28.58	0.06	
			Sg	09:42.15	-1.78	
PKSM	111.1	213	Pg	13:09:28.62	0.01	
			Sg	09:41.96	-2.13	

1935.

2022-12-05	time:	15:03:43.50	UTC	ML= 0.6
lat:	47.326N	lon:	18.306E	h= 10.0 km
		erh=	3.3km	erz= 2.0km
nr=	6	gap=	209	rms=0.15
Locality:	Söréd			
Comments:				

sta	dist	azm	phase	hr mn	sec	res
CSKK	5.4	320	PgU	15:03:45.43	-0.10	
			Sg	03:46.95	-0.16	
PKSG	9.7	41	Pg	15:03:45.96	-0.02	
			Sg	03:48.22	0.30	
PKST	21.9	250	Pg	15:03:47.75	-0.05	
			Sg	03:51.42	0.27	

Földrengés paraméterek

1936.

2022-12-05	time:	23:42:39.79	UTC	ML= 1.2
lat:	47.389N	lon:	18.256E	h= 8.5 km
		erh=	3.7km	erz= 0.9km
nr=	9	gap=	219	rms=0.23
Locality:	Mór			
Comments:				

sta	dist	azm	phase	hr mn	sec	res
CSKK	2.9	173	PgU	23:42:41.53	0.13	
			Sg	42:42.92	0.26	
PKSG	10.2	88	PgU	23:42:41.99	-0.18	
			Sg	42:43.84	-0.18	
PKST	22.1	229	PgD	23:42:43.76	-0.27	
			Sg	42:47.33	0.00	
MORH	133.8	167	Pn	23:43:02.57	0.15	
			Sn	43:19.04	-1.02	
PKSM	134.1	167	Pn	23:43:02.75	0.29	

1937.

2022-12-06	time:	9:41:28.76	UTC	ML= 1.8
lat:	48.576N	lon:	20.769E	h= 0.0 km
		erh=	2.3km	erz= 4.1km
nr=	15	gap=	90	rms=0.88
Locality:	Tornanádaska			
Comments:	probably explosion			

sta	dist	azm	phase	hr mn	sec	res
KECS	23.3	244	Pg	9:41:33.35	0.43	
			Sg	41:36.08	-0.10	
ABAH	46.7	132	Pg	9:41:37.60	0.50	
			Sg	41:43.88	0.27	
PSZ	97.8	222	Pg	9:41:46.37	0.15	
			Sg	41:59.01	-0.84	
NIE	99.5	340	Pg	9:41:48.71	2.19	
			Sg	41:59.90	-0.47	
LANS	114.9	304	Pg	9:41:48.95	-0.32	
			Sg	42:03.22	-2.05	
KOLS	117.5	70	Pg	9:41:49.96	0.22	
			Sg	42:05.25	-0.86	
TRPA	140.3	111	Sn	9:42:10.59	-1.81	
STZU	144.7	70	Pn	9:41:53.98	0.14	
			Sn	42:12.46	-0.94	

1938.

2022-12-06	time:	11:45:57.72	UTC	ML= 2.0
lat:	45.993N	lon:	22.671E	h= 0.0 km
		erh=	3.1km	erz= 3.3km
nr=	7	gap=	238	rms=0.65
Locality:	Romania			
Comments:	probably explosion			

sta	dist	azm	phase	hr mn	sec	res
DEV	21.7	124	Pg	11:46:02.19	0.58	
			Sg	46:04.61	-0.02	
DRGR	88.8	2	Pg	11:46:14.20	0.62	
			Sg	46:25.12	-0.83	
CJR	107.2	42	Sg	11:46:31.44	-0.37	
VOIR	195.2	108	Pn	11:46:28.48	-0.62	
			Sn	46:51.95	-1.62	

1939.

2022-12-06	time:	12:36:18.91	UTC	ML= 2.0
lat:	48.308N	lon:	19.830E	h= 0.0 km
		erh=	2.4km	erz= 821km
nr=	10	gap=	129	rms=0.64
Locality:	Slovakia			
Comments:	probably explosion			

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
PSZ	43.6	174	Pg	12:36:27.01			0.31
			Sg	36:32.16			-0.62
KECS	52.3	68	Pg	12:36:28.85			0.61
			Sg	36:35.06			-0.47
PENC	70.6	215	Sg	12:36:41.11			-0.25
LANS	97.4	344	Pg	12:36:36.55			0.25
			Sg	36:48.71			-1.15
ABAH	104.6	91	Pg	12:36:38.52			0.94
			Sg	36:50.92			-1.22
NIE	128.5	16	Pg	12:36:41.50			-0.35

1940.

2022-12-06 time: 14:55:17.96 UTC ML= 1.8
lat: 47.089N lon: 19.383E h= 0.0 km
erh= 4.1km erz= 706km
nr= 8 gap=188 rms=0.52
Locality: Tatárszentgyörgy
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	17.5	255	Pg	14:55:21.31			0.22
			Sg	55:23.49			-0.04
PKB5	73.8	222	Pg	14:55:31.92			0.77
			Sg	55:40.88			-0.55
PENC	78.4	354	Pg	14:55:32.38			0.42
PSZ	100.0	23	Pg	14:55:35.15			-0.66
MORH	112.3	210	Pg	14:55:37.96			-0.06
			Sg	55:52.74			-0.92

1941.

2022-12-07 time: 4:27:09.48 UTC ML= 1.6
lat: 47.633N lon: 20.313E h= 11.8 km
erh= 2.2km erz= 2.3km
nr= 8 gap=142 rms=0.47
Locality: Tenk
Comments:

sta	dist	azm	phase	hr	mn	sec	res
BSZH	37.2	185	Sg	4:27:21.74			-0.16
PSZ	44.6	315	Pg	4:27:18.36			0.64
			Sg	27:23.76			-0.38
PENC	79.3	283	Sg	4:27:34.80			-0.17
KECS	95.4	8	S*	4:27:38.88			-1.13
ABAH	101.1	43	P*	4:27:27.79			0.29
			S*	27:41.37			-0.19
PKS7	108.7	233	Sn	4:27:43.33			-0.12

1942.

2022-12-07 time: 9:40:53.20 UTC ML= 1.9
lat: 48.423N lon: 17.239E h= 0.0 km
erh= 1.5km erz= 494km
nr= 10 gap= 98 rms=0.39
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	6.2	152	PgU	9:40:54.48			0.18
			Sg	40:55.10			-0.06
SMOL	17.3	54	Pg	9:40:56.04			-0.25
			Sg	40:58.57			-0.13
ZST	27.2	202	Pg	9:40:57.87			-0.17
			Sg	41:00.99			-0.84
KRUC	94.3	319	Pg	9:41:10.54			0.50
			Sg	41:23.02			-0.16
RONA	106.8	221	Pg	9:41:12.92			0.66
CONA	116.3	242	Pg	9:41:13.58			-0.37

1943.

2022-12-07 time: 9:43:04.33 UTC ML= 1.4
lat: 48.550N lon: 20.748E h= 0.0 km
erh= 6.6km erz= ***km
nr= 6 gap=180 rms=0.76
Locality: Komjáti
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	20.8	249	Pg	9:43:08.63			0.59
			Sg	43:10.74			-0.19
ABAH	46.0	128	Pg	9:43:13.16			0.61
			Sg	43:19.01			0.05
PSZ	94.6	222	Sg	9:43:33.12			-1.29
KOLS	120.0	69	Sg	9:43:41.08			-1.39

1944.

2022-12-07 time: 10:22:12.82 UTC ML= 0.6
lat: 47.203N lon: 18.285E h= 0.0 km
erh= 1.2km erz= 354km
nr= 8 gap=145 rms=0.25
Locality: Csór
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	17.9	354	Pg	10:22:16.15			0.15
			Sg	22:17.91			-0.58
PKST	19.9	288	Pg	10:22:16.46			0.08
			Sg	22:19.04			-0.11
PKSG	22.4	21	Pg	10:22:17.09			0.27
			Sg	22:19.74			-0.21
MORH	113.2	166	Sg	10:22:48.91			0.12
KOVH	124.8	187	Sg	10:22:52.03			-0.44

1945.

2022-12-07 time: 10:48:21.82 UTC ML= 2.1
lat: 46.767N lon: 16.801E h= 13.8 km
erh= 1.7km erz= 1.4km
nr= 25 gap= 67 rms=0.62
Locality: Gellénháza
Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	33.1	183	Pg	10:48:28.34			0.11
			Sg	48:32.91			-0.31
KOGS	55.1	230	Pg	10:48:32.19			0.22
			Sg	48:39.42			-0.46
MPLH	71.9	51	Sg	10:48:44.77			-0.32
RCF6	80.5	233	Sg	10:48:46.57			-1.23
SOP	103.5	350	Sn	10:48:53.48			-0.69
GROS	105.2	251	Pn	10:48:39.95			-0.25
			Sn	48:53.66			-0.88
PKST	108.6	60	Pn	10:48:41.27			0.64
			Sn	48:55.24			-0.06
RONA	110.5	340	Pn	10:48:40.48			-0.39
			Sn	48:54.92			-0.80
ARSA	111.0	299	Pn	10:48:41.06			0.13
			Sn	48:55.33			-0.51
PTJ	116.2	214	Sn	10:48:55.64			-1.36
KOVH	125.2	127	Sn	10:48:58.47			-0.51
CSKK	129.2	59	Sn	10:48:59.80			-0.07
PERS	129.6	264	Pn	10:48:44.15			0.90
			Sn	49:00.18			0.21
SOKA	135.5	266	Pn	10:48:44.54			0.55
			Sn	49:01.44			0.16
PKSG	139.3	60	Sn	10:49:02.60			0.48
CRES	147.2	225	Pn	10:48:46.67			1.22
			Sn	49:04.93			1.06
CONA	147.3	331	Sn	10:49:07.14			3.25*

Hypocenter Parameters

1946.

2022-12-07 time: 10:57:05.14 UTC ML= 0.9
 lat: 46.148N lon: 18.002E h= 0.0 km
 erh= 1.9km erz= 2.7km
 nr= 10 gap=215 rms=0.34
 Locality: Hetvehely
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
KOVH	10.0	131	PgU	10:57:07.09		0.16
			Sg	57:08.17		-0.16
PKSV	34.7	146	Pg	10:57:11.36		0.02
			Sg	57:14.87		-1.31
PKSM	49.9	82	Pg	10:57:14.41		0.36
			Sg	57:20.68		-0.32
MORH	50.2	81	Pg	10:57:14.44		0.34
			Sg	57:20.88		-0.20
PKST	123.6	1	Sg	10:57:44.07		-0.35
PKSG	141.5	12	Sn	10:57:48.59		-0.47

1947.

2022-12-07 time: 12:16:00.23 UTC ML= 1.6
 lat: 48.637N lon: 20.755E h= 0.0 km
 erh= 8.6km erz= 967km
 nr= 5 gap=267 rms=0.46
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
KECS	26.2	229	Pg	12:16:04.80		-0.10
			Sg	16:09.27		0.72
ABAH	52.1	137	Pg	12:16:09.75		0.21
			Sg	16:16.70		-0.10
PSZ	102.3	219	Sg	12:16:31.71		-1.02

1948.

2022-12-07 time: 12:56:22.35 UTC ML= 1.3
 lat: 47.875N lon: 16.067E h= 0.0 km
 erh= 2.6km erz= 4.3km
 nr= 7 gap=128 rms=0.83
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
CONA	16.5	291	Pg	12:56:25.70		0.41
			Sg	56:27.96		0.37
RONA	26.0	139	Pg	12:56:27.88		0.89
			Sg	56:30.53		-0.08
ARSA	80.6	211	Sg	12:56:46.79		-1.18
KRUC	134.2	10	Pn	12:56:45.94		-0.18
			Sn	57:02.28		-2.38

1949.

2022-12-07 time: 13:24:02.09 UTC ML= 1.6
 lat: 48.671N lon: 19.645E h= 0.0 km
 erh= 4.3km erz= 10.0km
 nr= 9 gap=141 rms=1.10
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
LANS	54.9	346	Pg	13:24:12.76		0.87
			Sg	24:19.35		-0.19
KECS	65.4	109	Pg	13:24:15.06		1.29
			Sg	24:22.15		-0.74
PSZ	85.7	168	Pg	13:24:18.02		0.63
			Sg	24:28.35		-0.98
NIE	96.5	30	Sg	13:24:30.73		-2.02
ABAH	125.0	109	Sg	13:24:40.72		-1.11
MORC	196.5	309	Sn	13:24:56.18		-2.03

Földrengés paraméterek

1950.

2022-12-08 time: 8:24:13.67 UTC ML= 1.7
 lat: 47.321N lon: 18.447E h= 0.0 km
 erh= 1.8km erz= 9.5km
 nr= 13 gap=114 rms=0.71
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PKSG	8.9	331	Pg	8:24:15.60		0.34
			Sg	24:16.07		-0.43
CSKK	14.9	288	Pg	8:24:16.65		0.33
			Sg	24:18.33		-0.06
PKST	32.0	257	Pg	8:24:20.24		0.86
			Sg	24:24.22		0.38
TIH	63.0	222	Sg	8:24:33.85		0.17
MPLH	70.8	256	Sg	8:24:34.55		-1.61
MORH	123.8	173	Sg	8:24:51.98		-1.04
PKSM	124.2	173	Sg	8:24:52.45		-0.70
PSZ	127.4	59	Pg	8:24:36.89		0.47
			Sg	24:53.54		-0.63
MODS	146.1	323	Sn	8:24:55.77		-2.85

1951.

2022-12-08 time: 8:54:59.61 UTC ML= 1.5
 lat: 48.504N lon: 17.427E h= 0.0 km
 erh= 3.7km erz= 678km
 nr= 6 gap=210 rms=0.39
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
SMOL	1.1	8	Pg	8:54:59.55		-0.26
			Sg	55:00.13		0.17
MODS	18.2	217	Pg	8:55:02.68		-0.19
			Sg	55:05.55		0.14
KRUC	97.9	309	Pg	8:55:17.74		0.64
			Sg	55:30.12		-0.63

1952.

2022-12-08 time: 9:57:18.20 UTC ML= 2.2
 lat: 48.208N lon: 21.233E h= 0.0 km
 erh= 2.3km erz= 2.4km
 nr= 16 gap=157 rms=0.66
 Locality: Rátka
 Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
ABAH	9.8	3	Pg	9:57:20.53		0.59
			Sg	57:20.96		-0.34
KECS	63.3	299	Pg	9:57:30.36		0.86
			Sg	57:37.30		-1.01
TRPA	97.5	95	Pg	9:57:36.42		0.80
			Sg	57:47.64		-1.57
PSZ	104.9	252	Sg	9:57:51.02		-0.51
MUKU	111.2	76	Pg	9:57:38.39		0.33
KOLS	111.3	44	Pg	9:57:38.31		0.23
BRIU	133.4	84	Pn	9:57:41.27		-0.60
STZU	136.3	49	Pn	9:57:42.21		-0.02
NIE	150.6	333	Pn	9:57:43.77		-0.25
			Sn	58:02.80		-1.35
LANS	167.0	309	Pn	9:57:46.66		0.61
			Sn	58:06.93		-0.85
MEZ	172.4	79	Pn	9:57:46.27		-0.46

Földrengés paraméterek

1953.

2022-12-08 time: 13:05:53.48 UTC ML= 1.6
 lat: 48.714N lon: 21.412E h= 0.0 km
 erh= 4.9km erz= ***km
 nr= 8 gap=179 rms=0.94
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	48.1	195	Pg	13:06:02.86			0.78
			Sg	06:08.34			-0.45
KOLS	67.8	69	Pg	13:06:07.07			1.48
			Sg	06:13.80			-1.23
KECS	73.0	249	Pg	13:06:06.92			0.40
			Sg	06:15.82			-0.86
TRPA	105.7	128	Pg	13:06:11.61			-0.74
			Sg	06:25.86			-1.21

1954.

2022-12-08 time: 14:35:27.36 UTC ML= 1.8
 lat: 47.087N lon: 19.366E h= 0.0 km
 erh= 5.0km erz= 861km
 nr= 9 gap=186 rms=0.65
 Locality: Tatárszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	16.2	254	Pg	14:35:30.43			0.18
			Sg	35:32.02			-0.49
PKB5	72.8	221	Pg	14:35:41.56			1.20
PENC	78.5	355	Pg	14:35:41.85			0.47
PKS9	99.8	236	Pg	14:35:45.36			0.17
PSZ	100.7	23	Pg	14:35:44.66			-0.68
MORH	111.5	210	Pg	14:35:47.23			-0.04
PKSM	112.0	210	Pg	14:35:46.84			-0.52
			Sg	36:01.08			-1.87

1955.

2022-12-09 time: 11:14:23.78 UTC ML= 2.0
 lat: 47.330N lon: 17.628E h= 0.0 km
 erh= 2.0km erz= 2.4km
 nr= 31 gap= 80 rms=1.08
 Locality: Béb
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	19.0	201	Pg	11:14:28.05			0.87
			Sg	14:30.79			0.96
EGYH	24.4	293	Sg	11:14:31.16			-0.37
PKST	31.7	104	Pg	11:14:30.70			1.25
			Sg	14:34.05			0.19
CSKK	47.9	86	Sg	11:14:37.95			-1.06
TIH	51.9	157	Sg	11:14:40.17			-0.11
PKSG	58.0	83	Pg	11:14:34.67			0.53
			Sg	14:41.89			-0.33
SOP	89.7	296	Sg	11:14:50.56			-1.72
BUD	106.7	81	Pg	11:14:43.27			0.43
			Sg	14:55.83			-1.87
BEHE	115.6	214	Sg	11:14:59.42			-1.11
PKB5	117.4	134	Sg	11:14:59.96			-1.14
MODS	118.9	347	Pg	11:14:45.14			0.12
			Sg	14:58.95			-2.64
PENC	134.5	68	Pn	11:14:48.42			0.83
KOVH	142.7	165	Pn	11:14:49.28			0.67
			Sn	15:07.14			-0.83
KOGS	143.7	227	Pn	11:14:49.28			0.55
			Sn	15:07.61			-0.58
MORH	146.2	148	Pn	11:14:49.98			0.94
			Sn	15:07.22			-1.53
PKSM	146.5	148	Pn	11:14:49.36			0.28
			Sn	15:07.06			-1.75
PKB3	156.3	130	Sn	11:15:08.93			-2.05

Hypocenter Parameters

ARSA	159.5	267	Sn	11:15:09.71	-1.99
PKSV	167.3	163	Sn	11:15:12.44	-0.98
PSZ	182.5	69	Pn	11:14:55.83	2.26
			Sn	15:16.42	-0.38
KRUC	213.2	335	Sn	11:15:26.01	2.38

1956.

2022-12-09 time: 14:33:34.01 UTC ML= 1.7
 lat: 47.083N lon: 19.417E h= 0.0 km
 erh= 3.6km erz= 660km
 nr= 9 gap=190 rms=0.49
 Locality: Tatárszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	19.9	258	Pg	14:33:37.62			0.07
			Sg	33:39.80			-0.52
PKB5	75.1	224	Pg	14:33:48.31			0.89
			Sg	33:58.13			0.24
PENC	79.3	353	Pg	14:33:48.50			0.33
PSZ	99.6	21	Pg	14:33:51.39			-0.40
MORH	113.1	212	Pg	14:33:54.08			-0.12
			Sg	34:08.43			-1.53
PKSM	113.6	212	Pg	14:33:54.04			-0.25

1957.

2022-12-09 time: 14:53:38.35 UTC ML= 1.7
 lat: 47.083N lon: 19.432E h= 0.0 km
 erh= 3.5km erz= 584km
 nr= 7 gap=191 rms=0.39
 Locality: Tatárszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	21.0	259	Pg	14:53:42.24			0.14
			Sg	53:44.43			-0.58
PKB5	75.9	224	Pg	14:53:52.50			0.59
PENC	79.5	352	Pg	14:53:53.01			0.46
PSZ	99.2	21	Pg	14:53:55.78			-0.29
MORH	113.7	212	Pg	14:53:58.39			-0.27
PKSM	114.2	212	Pg	14:53:58.43			-0.32

1958.

2022-12-10 time: 6:37:56.69 UTC ML= 0.8
 lat: 48.032N lon: 20.261E h= 0.7 km
 erh= 1.1km erz= 64.4km
 nr= 5 gap=177 rms=0.14
 Locality: Egerbozs
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PSZ	30.2	245	Pg	6:38:02.06			-0.01
			Sg	38:06.13			-0.14
KECS	52.8	18	Pg	6:38:06.33			0.21
			Sg	38:13.29			-0.19
ABAH	78.5	68	Sg	6:38:21.59			-0.04

1959.

2022-12-12 time: 5:39:30.87 UTC ML= 1.6
 lat: 47.115N lon: 18.115E h= 13.4 km
 erh= 0.9km erz= 0.8km
 nr= 25 gap= 63 rms=0.35
 Locality: Berhida
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKST	17.2	339	PgU	5:39:34.94			0.19
			Sg	39:37.46			-0.32
TIH	29.3	215	PgD	5:39:36.49			-0.12
			Sg	39:40.81			-0.28

Hypocenter Parameters

CSKK	29.7	22	PgD	5:39:36.79	0.10
			Sg	39:41.21	-0.02
PKSG	37.2	34	PgD	5:39:37.89	-0.03
			Sg	39:43.52	0.09
MPLH	44.1	278	Pg	5:39:39.33	0.23
			Sg	39:45.05	-0.47
PKS9	60.0	168	Pg	5:39:42.23	0.39
			Sg	39:50.34	-0.06
PKB1	63.3	125	Pg	5:39:42.65	0.23
			Sg	39:51.18	-0.25
SRO	79.1	11	Sg	5:39:55.77	-0.59
PKB2	98.8	120	S*	5:40:02.01	-0.06
MORH	107.8	158	PnD	5:39:49.64	0.01
			Sn	40:03.62	-0.65
PKSM	108.2	158	Pn	5:39:49.75	0.08
			Sn	40:03.48	-0.86
PKB3	112.7	133	Sn	5:40:04.84	-0.51
KOVH	114.1	181	Pn	5:39:51.05	0.63
			Sn	40:05.00	-0.67
PKSV	136.7	176	Sn	5:40:11.21	0.53
PSZ	161.1	56	Sn	5:40:16.76	0.67

1960.

2022-12-12 time: 8:29:17.11 UTC ML= 1.7
lat: 46.008N lon: 22.848E h= 0.0 km
erh= 6.6km erz=11.8km
nr= 8 gap=117 rms=1.23
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
DEV	14.5	163	Sg	8:29:21.86	0.15
GZR	68.5	185	Pg	8:29:30.61	1.27
			Sg	29:38.12	-0.77
DRGR	87.8	353	Sg	8:29:44.00	-1.01
BZS	105.1	246	Pg	8:29:36.54	0.66
			Sg	29:48.12	-2.40
VOIR	182.7	110	Pn	8:29:47.81	0.88
			Sn	30:07.74	-2.45

1961.

2022-12-12 time: 9:37:18.91 UTC ML= 1.2
lat: 47.196N lon: 18.324E h= 0.0 km
erh= 2.2km erz= 5.1km
nr= 11 gap=111 rms=0.65
Locality: Székesfehérvár
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	19.1	346	Pg	9:37:22.44	0.11
			Sg	37:24.48	-0.52
PKSG	22.3	13	Pg	9:37:23.50	0.61
			Sg	37:25.89	-0.11
PKST	23.0	288	Pg	9:37:23.03	0.02
			Sg	37:25.85	-0.37
MORH	111.7	167	Sg	9:37:53.79	-0.63
PKSM	112.1	167	Pg	9:37:40.17	1.24
			Sg	37:54.14	-0.41
KOVH	124.4	188	Sg	9:37:57.66	-0.78
PSZ	142.9	56	Sn	9:38:01.65	-1.50

1962.

2022-12-12 time: 10:59:59.30 UTC ML= 1.7
lat: 48.143N lon: 16.892E h= 0.0 km
erh= 4.2km erz= 861km
nr= 8 gap=137 rms=0.63
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ZST	16.7	69	Pg	11:00:02.68	0.39
			Sg	00:04.95	0.32

Földrengés paraméterek

MODS	38.4	48	Pg	11:00:06.36	0.19
			Sg	00:10.90	-0.62
SOP	56.9	206	Pg	11:00:08.56	-0.90
RONA	66.4	222	Pg	11:00:11.51	0.35
CONA	80.4	253	Pg	11:00:14.19	0.52
KRUC	108.5	340	Sg	11:00:31.80	-2.01

1963.

2022-12-12 time: 12:26:34.34 UTC ML= 1.8
lat: 45.675N lon: 17.274E h= 0.0 km
erh= 3.1km erz= 5.4km
nr= 13 gap=131 rms=0.73
Locality: Croatia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	78.9	54	Pg	12:26:49.31	0.88
			Sg	26:59.26	-0.16
PKSV	79.7	73	Pg	12:26:49.25	0.67
			Sg	26:59.81	0.13
BLY	103.2	184	Pg	12:26:52.52	-0.25
			Sg	27:06.37	-0.78
PTJ	105.3	284	Pg	12:26:53.42	0.27
PKSM	121.7	61	Pg	12:26:55.98	-0.09
			Sg	27:11.32	-1.70
MORH	122.1	61	Pg	12:26:56.21	0.07
			Sg	27:11.16	-1.99
CRES	142.3	277	Pn	12:26:59.73	0.61
			Sn	27:16.78	-1.68

1964.

2022-12-12 time: 12:45:49.44 UTC ML= 1.4
lat: 47.851N lon: 16.019E h= 0.0 km
erh= 2.5km erz= 4.9km
nr= 9 gap=103 rms=0.71
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CONA	14.6	306	Pg	12:45:52.53	0.49
			Sg	45:54.06	-0.01
RONA	26.7	129	Pg	12:45:54.57	0.36
			Sg	45:57.70	-0.23
SOP	44.5	115	Pg	12:45:57.80	0.41
ARSA	76.5	209	Pg	12:46:03.39	0.30
			Sg	46:11.94	-1.80
KRUC	137.5	12	Pn	12:46:13.37	-0.25
			Sn	46:29.39	-3.09

1965.

2022-12-13 time: 8:51:11.86 UTC ML= 1.5
lat: 47.273N lon: 18.331E h= 0.0 km
erh= 2.9km erz= 3.8km
nr= 13 gap=110 rms=1.08
Locality: Magyarlalmás
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	11.3	332	PgU	8:51:14.43	0.55
			Sg	51:15.06	-0.40
PKSG	13.9	19	PgU	8:51:14.90	0.55
			Sg	51:16.15	-0.13
PKST	22.5	266	Pg	8:51:17.05	1.16
MPLH	61.1	259	Sg	8:51:30.16	-1.11
MORH	120.0	169	Sg	8:51:49.02	-0.98
PKSM	120.4	169	Pg	8:51:34.78	1.42
			Sg	51:48.71	-1.41
KOVH	132.9	188	Sn	8:51:52.62	-1.26
PSZ	137.7	59	Pn	8:51:36.42	0.35
			Sg	51:53.01	-1.94
MODS	145.6	327	Sn	8:51:54.11	-2.58

Földrengés paraméterek

1966.

2022-12-13 time: 9:08:58.79 UTC ML= 2.0
 lat: 48.536N lon: 17.403E h= 0.0 km
 erh= 2.1km erz= 3.2km
 nr= 12 gap=139 rms=0.63
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	3.1	143	Pg	9:08:59	35	0.00	
			Sg	09:00	02	0.24	
MODS	20.3	207	Pg	9:09:02	29	-0.13	
			Sg	09:06	16	0.91	
ZST	43.9	211	Sg	9:09:12	71	-0.03	
KRUC	94.4	308	Pg	9:09:16	53	0.89	
			Sg	09:28	23	-0.55	
RONA	124.3	222	Pg	9:09:21	58	0.60	
			Sg	09:37	03	-1.26	
CONA	133.0	239	Pn	9:09:22	14	-0.27	
			Sn	09:39	04	-1.79	
MORC	138.4	4	Pn	9:09:22	57	-0.51	

1967.

2022-12-13 time: 10:26:17.09 UTC ML= 2.2
 lat: 47.848N lon: 19.882E h= 0.0 km
 erh= 5.5km erz= 4.6km
 nr= 15 gap=144 rms=1.54
 Locality: Gyöngyösoroszi
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	7.9	7	PgU	10:26:19	47	0.97	
			Sg	26:20	50	0.90	
PENC	45.4	262	Pg	10:26:26	27	1.07	
			Sg	26:31	79	0.27	
ABAH	112.8	64	Pg	10:26:37	03	-0.19	
			Sg	26:52	05	-0.88	
PKSG	123.0	246	Sg	10:26:54	11	-2.09	
CSKK	133.3	246	Sn	10:26:57	08	-2.11	
LANS	148.1	348	Pn	10:26:42	37	-0.21	
			Sn	26:59	90	-2.57	
PKST	153.7	245	Sn	10:27:01	80	-1.92	
PKB5	164.1	212	Sn	10:27:04	38	-1.65	
NIE	177.6	10	Sn	10:27:10	25	1.23	
MORH	204.4	207	Sn	10:27:18	08	3.11	
PKSM	204.9	207	Sn	10:27:18	08	3.00	

1968.

2022-12-13 time: 10:49:40.09 UTC ML= 1.9
 lat: 48.706N lon: 19.921E h= 0.0 km
 erh= 4.1km erz= ***km
 nr= 8 gap=145 rms=0.81
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
LANS	59.6	326	Pg	10:49:51	51	0.78	
			Sg	49:57	85	-1.17	
NIE	84.3	20	Pg	10:49:55	81	0.66	
			Sg	50:05	44	-1.46	
PSZ	87.6	181	Pg	10:49:55	89	0.16	
			Sg	50:06	61	-1.32	
ABAH	107.6	115	Pg	10:49:59	80	0.49	
			Sg	50:13	73	-0.56	

Hypocenter Parameters

1969.

2022-12-13 time: 12:30:03.32 UTC ML= 2.2
 lat: 48.417N lon: 17.198E h= 0.0 km
 erh= 1.3km erz= 2.4km
 nr= 10 gap=124 rms=0.34
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	7.6	130	PgU	12:30:04	87	0.20	
			Sg	30:05	93	0.20	
SMOL	20.1	58	Pg	12:30:06	67	-0.24	
			Sg	30:09	73	0.01	
ZST	25.6	196	Pg	12:30:08	02	0.13	
			Sg	30:10	86	-0.59	
KRUC	92.9	321	Pg	12:30:20	45	0.55	
			Sg	30:32	19	-0.65	
MORC	153.3	9	Pn	12:30:29	45	-0.01	
			Sn	30:49	48	-0.38	

1970.

2022-12-14 time: 9:25:50.46 UTC ML= 2.1
 lat: 46.878N lon: 17.297E h= 0.0 km
 erh= 3.4km erz= 5.6km
 nr= 16 gap= 93 rms=1.47
 Locality: Várvölgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	37.4	30	Pg	9:25:57	60	0.47	
			Sg	26:01	66	-0.68	
TIH	45.5	87	Pg	9:25:58	89	0.31	
			Sg	26:04	63	-0.29	
PKST	70.2	53	Pg	9:26:04	47	1.47	
			Sg	26:11	67	-1.11	
KOGS	93.3	239	Pg	9:26:08	94	1.83	
PKSG	100.8	55	Pg	9:26:09	18	0.73	
KOVH	107.2	145	Pg	9:26:11	29	1.68	
			Sg	26:24	05	-0.50	
RONA	118.7	320	Sg	9:26:25	93	-2.25	
MORH	126.9	125	Sg	9:26:28	12	-2.66	
PKSM	126.9	126	Sg	9:26:28	97	-1.84	
PKSV	132.3	146	Sn	9:26:30	00	-2.33	
ARSA	141.0	287	Sn	9:26:30	86	-3.41	
GROS	145.0	251	Sn	9:26:33	98	-1.18	

1971.

2022-12-14 time: 9:38:51.78 UTC ML= 1.9
 lat: 48.722N lon: 21.406E h= 0.0 km
 erh= 6.2km erz= 7.0km
 nr= 9 gap=144 rms=1.18
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	48.9	195	Pg	9:39:01	47	0.95	
			Sg	39:06	40	-0.93	
NIE	111.3	314	Pg	9:39:12	04	0.39	
			Sg	39:25	03	-2.12	
PSZ	143.3	231	Pn	9:39:16	73	0.04	
			Sn	39:34	19	-1.93	
LANS	149.8	289	Pn	9:39:19	55	2.06	
MEZ	157.2	98	Pn	9:39:17	91	-0.50	
			Sn	39:38	33	-0.85	

Hypocenter Parameters

1972.

2022-12-14 time: 9:48:28.82 UTC ML= 2.0
 lat: 48.522N lon: 17.484E h= 0.0 km
 erh= 2.6km erz= 3.0km
 nr= 9 gap=271 rms=0.40
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	4.2	257	Pg	9:48:	29.88	0.31	
			Sg	48:	30.27	0.11	
MODS	22.5	223	Pg	9:48:	33.09	0.25	
			Sg	48:	36.30	0.32	
ZST	46.0	218	Sg	9:48:	42.91	-0.53	
KRUC	100.0	307	Pg	9:48:	46.90	0.22	
			Sg	49:	00.01	-0.60	
CONA	137.5	241	Pn	9:48:	52.57	-0.42	
			Sn	49:	09.32	-2.53	

1973.

2022-12-14 time: 9:59:27.03 UTC ML= 2.4
 lat: 48.346N lon: 17.425E h= 0.0 km
 erh= 4.9km erz= 5.6km
 nr= 13 gap=226 rms=1.07
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	11.4	286	PgU	9:59:	29.72	0.67	
			Sg	59:	31.26	0.63	
SMOL	18.7	1	Pg	9:59:	31.53	1.17	
			Sg	59:	34.53	1.57	
ZST	29.2	235	Pg	9:59:	33.04	0.81	
			Sg	59:	36.66	0.37	
KRUC	109.9	316	Pg	9:59:	45.73	-0.92	
			Sg	59:	59.14	-2.82	
RONA	110.7	230	Pg	9:59:	47.46	0.67	
CONA	125.3	248	Pg	9:59:	48.99	-0.41	
			Sg	10:00:	04.61	-2.23	
MORC	159.4	3	Pn	9:59:	52.95	-0.98	
			Sn	10:00:	13.91	-1.00	

1974.

2022-12-14 time: 10:01:32.59 UTC ML= 1.8
 lat: 48.572N lon: 20.803E h= 0.0 km
 erh= 4.1km erz= 7.5km
 nr= 8 gap=132 rms=1.11
 Locality: Tornanádaska
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	44.6	134	Pg	10:01:	41.11	0.55	
			Sg	01:	47.06	0.29	
PSZ	99.2	223	Pg	10:01:	50.81	0.50	
			Sg	02:	03.33	-0.79	
NIE	100.7	339	Pg	10:01:	52.06	1.48	
			Sg	02:	03.33	-1.28	
LANS	117.2	303	Sg	10:02:	08.09	-1.75	
TRPA	137.8	111	Sn	10:02:	13.96	-1.73	

1975.

2022-12-14 time: 10:12:54.31 UTC ML= 2.0
 lat: 48.380N lon: 18.604E h= 0.0 km
 erh= 3.9km erz= 5.5km
 nr= 10 gap=198 rms=0.79
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	82.7	142	Pg	10:13:	09.89	0.81	

Földrengés paraméterek

			Sg	13:20.85	0.25
SMOL	88.2	280	Sg	10:13:21.16	-1.20
MODS	98.3	270	Pg	10:13:12.55	0.69
			Sg	13:25.07	-0.48
BUD	104.5	163	Sg	10:13:27.58	0.07
PSZ	108.9	118	Pg	10:13:13.88	0.13
			Sg	13:26.72	-2.20
PKSG	111.0	188	Sg	10:13:29.85	0.26
PKST	131.7	199	Sn	10:13:34.93	-1.13

1976.

2022-12-14 time: 12:24:50.89 UTC ML= 1.4
 lat: 46.110N lon: 18.057E h= 0.0 km
 erh= 4.8km erz= 700km
 nr= 8 gap=287 rms=0.50
 Locality: Bükkösd
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	4.1	126	PgU	12:24:	52.41	0.78	
			Sg	24:	52.87	0.67	
PKSV	28.9	148	Pg	12:24:	56.03	-0.02	
			Sg	24:	58.89	-1.19	
PKSM	46.6	76	Pg	12:24:	59.16	-0.04	
			Sg	25:	05.54	-0.15	
MORH	46.9	75	Pg	12:24:	58.86	-0.40	
			Sg	25:	05.60	-0.19	

1977.

2022-12-14 time: 13:19:30.72 UTC ML= 2.2
 lat: 48.439N lon: 17.220E h= 0.0 km
 erh= 1.6km erz= 565km
 nr= 11 gap=103 rms=0.45
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	8.5	150	Pg	13:19:	32.20	-0.03	
			Sg	19:	33.45	0.04	
SMOL	17.5	62	Pg	13:19:	33.76	-0.09	
			Sg	19:	36.03	-0.27	
ZST	28.4	198	Pg	13:19:	36.19	0.40	
			Sg	19:	39.47	-0.28	
KRUC	92.0	319	Pg	13:19:	47.53	0.38	
			Sg	19:	58.41	-1.56	
RONA	107.2	220	Pg	13:19:	49.65	-0.22	
CONA	115.9	241	Pg	13:19:	52.00	0.59	
			Sg	20:	06.47	-1.08	

1978.

2022-12-15 time: 6:37:11.14 UTC ML= 0.8
 lat: 47.256N lon: 17.766E h= 15.0 km
 erh= 1.5km erz= 2.3km
 nr= 9 gap=152 rms=0.19
 Locality: Bakonybél
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
MPLH	19.6	241	Pg	6:37:	15.47	-0.08	
			Sg	37:	19.07	0.07	
PKST	20.3	89	Pg	6:37:	15.86	0.22	
			Sg	37:	18.95	-0.21	
EGYH	37.4	299	Sg	6:37:	23.96	0.01	
CSKK	39.2	72	Pg	6:37:	18.87	0.23	
			Sg	37:	24.47	-0.02	
PKSG	49.6	72	Pg	6:37:	20.04	-0.34	
			Sg	37:	27.64	0.04	

Földrengés paraméterek

1979.

2022-12-15 time: 8:21:33.77 UTC ML= 1.7
 lat: 46.027N lon: 22.791E h= 0.0 km
 erh= 3.5km erz= 6.6km
 nr= 9 gap=115 rms=0.74
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	18.2	151	Pg	8:21:37.46			0.44
			Sg	21:38.99			-0.56
GZR	70.4	181	Pg	8:21:46.86			0.52
			Sg	21:55.15			-1.00
DRGR	85.2	356	Pg	8:21:49.75			0.76
			Sg	21:59.69			-1.17
BZS	102.0	243	Sg	8:22:05.64			-0.54
VOIR	187.7	110	Pn	8:22:04.54			0.34
			Sn	22:26.14			-1.80

1980.

2022-12-15 time: 8:23:28.01 UTC ML= 1.2
 lat: 46.117N lon: 17.991E h= 0.0 km
 erh= 3.6km erz= 883km
 nr= 11 gap=151 rms=0.72
 Locality: Dinnyeberki
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	9.0	111	Pg	8:23:29.94			0.32
			Sg	23:30.84			-0.04
PKSV	32.5	141	Pg	8:23:34.48			0.67
			Sg	23:37.53			-0.81
PKSM	51.3	78	Pg	8:23:37.06			-0.12
			Sg	23:43.09			-1.24
MORH	51.7	78	Pg	8:23:37.33			0.10
			Sg	23:43.01			-1.42
PKS9	56.8	23	Pg	8:23:38.82			0.67
PKB5	78.2	47	Pg	8:23:42.42			0.45
BEHE	101.5	293	Sg	8:23:57.92			-2.36

1981.

2022-12-15 time: 8:38:54.24 UTC ML= 1.7
 lat: 47.963N lon: 19.278E h= 0.0 km
 erh= 6.9km erz= ***km
 nr= 7 gap=226 rms=0.77
 Locality: Szente
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	19.1	179	Pg	8:38:58.35			0.70
			Sg	39:00.20			-0.12
PSZ	46.4	96	Pg	8:39:02.73			0.21
			Sg	39:07.94			-1.03
PKSG	92.0	226	Pg	8:39:11.28			0.61
			Sg	39:22.70			-0.78
PKST	121.9	230	Sg	8:39:31.08			-1.90

1982.

2022-12-15 time: 9:36:19.93 UTC ML= 2.1
 lat: 48.503N lon: 17.505E h= 0.0 km
 erh= 1.6km erz= 1.7km
 nr= 14 gap=220 rms=0.34
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	5.8	282	Pg	9:36:21.07			0.11
			Sg	36:21.91			0.14
MODS	22.2	229	Pg	9:36:24.05			0.16
			Sg	36:27.31			0.33

Hypocenter Parameters

ZST	45.4	221	Pg	9:36:27.85	-0.18
			Sg	36:34.31	-0.04
KRUC	102.5	307	Pg	9:36:38.29	0.05
			Sg	36:52.38	-0.14
RONA	126.9	225	Pg	9:36:42.94	0.36
			Sg	36:59.64	-0.61
CONA	137.9	242	Pn	9:36:44.43	0.28
			Sn	37:01.77	-1.28
MORC	141.7	1	Pn	9:36:44.43	-0.19
			Sn	37:01.54	-2.35*

1983.

2022-12-15 time: 10:01:25.62 UTC ML= 1.1					
lat:	47.410N	lon:	18.696E	h=	0.0 km
erh=	6.9km	erz=	7.1km		
nr=	10	gap=	153	rms=	0.36
Locality:	Vál	Comments:	probably explosion		

sta	dist	azm	phase	hr	mn	sec	res
PKSG	23.1	265	Pg	10:01:29.75			0.00
			Sg	01:33.02			0.05
BUD	26.1	72	Sg	10:01:33.30			-0.61
CSKK	33.3	261	Pg	10:01:31.79			0.23
			Sg	01:35.65			-0.54
PKST	52.7	251	Pg	10:01:35.39			0.36
			Sg	01:41.14			-1.24
PSZ	106.3	58	Pg	10:01:44.80			0.19
PKSM	133.2	182	Sn	10:02:07.79			0.08
KOVH	153.8	197	Sn	10:02:12.12			-0.15

1984.

2022-12-15 time: 10:08:19.45 UTC ML= 1.2					
lat:	47.285N	lon:	17.663E	h=	0.0 km
erh=	2.5km	erz=	3.0km		
nr=	10	gap=	137	rms=	0.83
Locality:	Homokbődöge	Comments:	probably explosion		

sta	dist	azm	phase	hr	mn	sec	res
MPLH	15.8	216	Pg	10:08:22.84			0.56
			Sg	08:24.88			0.40
PKST	28.3	96	Pg	10:08:25.55			1.05
			Sg	08:28.55			0.12
EGYH	29.0	300	Sg	10:08:27.94			-0.72
CSKK	46.0	79	Sg	10:08:33.26			-0.81
PKSG	56.3	78	Sg	10:08:37.44			0.11
KOVH	137.2	166	Sn	10:09:00.99			-1.43
PKSM	140.8	148	Sn	10:09:01.38			-1.84
PKS6	163.6	118	Sn	10:09:08.11			-0.17

1985.

2022-12-15 time: 11:14:16.99 UTC ML= 1.0					
lat:	47.579N	lon:	18.534E	h=	0.0 km
erh=	8.4km	erz=	5.5km		
nr=	8	gap=	203	rms=	0.64
Locality:	Tarján	Comments:	probably explosion		

sta	dist	azm	phase	hr	mn	sec	res
PKSG	23.4	207	Pg	11:14:21.86			0.68
			Sg	14:25.14			0.69
CSKK	31.6	221	Sg	11:14:26.55			-0.50
PKST	51.8	227	Pg	11:14:26.55			0.30
			Sg	14:32.26			-1.21
PSZ	108.8	70	Sg	11:14:51.28			-0.30
MORH	151.8	177	Sn	11:15:03.02			-0.18
PKSM	152.2	177	Sn	11:15:02.32			-0.98

Hypocenter Parameters

1986.

2022-12-15 time: 11:40:03.71 UTC ML= 2.1
 lat: 48.711N lon: 18.770E h= 0.0 km
 erh= 2.6km erz= 3.3km
 nr= 15 gap= 83 rms=0.96
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
LANS	70.7	46	Pg	11:40:16.29		-0.04	
			Sg	40:24.43		-1.75	
SMOL	101.3	257	Sg	11:40:34.45		-1.47	
PENC	109.2	160	Pg	11:40:24.51		1.31	
			Sg	40:38.99		0.58	
MODS	116.5	251	Pg	11:40:24.59		0.09	
			Sg	40:39.61		-1.11	
PSZ	121.3	137	Pg	11:40:25.53		0.16	
			Sg	40:40.79		-1.49	
NIE	137.5	55	Pn	11:40:29.05		1.17	
MORC	148.5	323	Pn	11:40:30.38		1.13	
			Sn	40:48.38		-0.80	
PKSG	149.4	191	Sn	11:40:48.46		-0.92	
CSKK	154.6	194	Sn	11:40:50.02		-0.52	
PKST	170.6	199	Sn	11:40:54.09		0.01	

1987.

2022-12-15 time: 11:50:49.17 UTC ML= 2.2
 lat: 48.705N lon: 18.643E h= 0.0 km
 erh= 3.7km erz= 4.6km
 nr= 10 gap= 85 rms=1.04
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
LANS	78.2	51	Sg	11:51:12.78		-1.23	
MODS	107.4	250	Pg	11:51:09.41		1.07	
			Sg	51:22.25		-1.04	
PENC	112.2	155	Sg	11:51:24.05		-0.79	
PSZ	127.6	133	Pg	11:51:13.04		1.09	
			Sg	51:28.51		-1.21	
MORC	143.6	326	Pn	11:51:15.13		1.02	
			Sn	51:32.03		-1.53	
PKSG	147.2	187	Sn	11:51:33.99		-0.38	
PKST	167.1	196	Sn	11:51:38.60		-0.17	

1988.

2022-12-15 time: 12:48:33.69 UTC ML= 2.0
 lat: 47.305N lon: 16.375E h= 0.0 km
 erh= 2.3km erz= 915km
 nr= 15 gap= 86 rms=0.79
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
RONA	44.3	352	Pg	12:48:41.53		-0.08	
			Sg	48:46.76		-1.02	
SOP	44.3	18	Pg	12:48:41.99		0.38	
			Sg	48:46.84		-0.94	
ARSA	64.7	265	Pg	12:48:45.44		0.19	
			Sg	48:53.73		-0.53	
CONA	79.3	331	Pg	12:48:49.19		1.33	
			Sg	48:58.12		-0.79	
MPLH	89.5	100	Pg	12:48:50.48		0.81	
			Sg	48:59.95		-2.18	
KOGS	95.7	186	Pg	12:48:51.46		0.68	
RCF6	112.5	196	Pg	12:48:53.88		0.09	
GROS	115.0	215	Pg	12:48:53.81		-0.42	
PERS	121.2	232	Pg	12:48:55.25		-0.09	
			Sg	49:10.01		-2.21	

Földrengés paraméterek

1989.

2022-12-15 time: 13:03:08.57 UTC ML= 1.6
 lat: 46.913N lon: 22.806E h= 0.0 km
 erh= 8.5km erz= 3.9km
 nr= 6 gap=281 rms=0.73
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	15.3	208	Pg	13:03:11.53		0.23	
			Sg	03:14.11		0.67	
GZR	168.9	181	Pn	13:03:37.04		0.37	
			Sn	03:57.54		-1.04	
BZS	170.8	212	Sn	13:03:57.07		-1.93	
VOIR	238.6	133	Sn	13:04:13.51		-0.53	

1990.

2022-12-16 time: 10:05:30.15 UTC ML= 2.1
 lat: 48.291N lon: 21.306E h= 0.0 km
 erh= 9.6km erz=13.7km
 nr= 8 gap=147 rms=1.59
 Locality: Sima
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	5.0	276	PgU	10:05:32.72		1.69	
			Sg	05:33.88		2.16	
TRPA	93.4	101	Pg	10:05:47.42		0.60	
			Sg	05:59.63		-0.20	
KOLS	100.9	45	Sg	10:05:59.84		-2.39	
PSZ	113.0	248	Pg	10:05:50.40		0.08	
			Sg	06:02.97		-3.09	
NIE	145.0	330	Sn	10:06:13.07		-1.79	

1991.

2022-12-16 time: 11:45:49.64 UTC ML= 1.6
 lat: 46.624N lon: 22.682E h= 0.0 km
 erh= 4.4km erz= 5.8km
 nr= 8 gap=140 rms=0.53
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	18.8	7	Pg	11:45:52.87		-0.13	
			Sg	45:55.53		-0.08	
GZR	137.0	177	Pn	11:46:14.06		0.31	
			Sn	46:31.90		-0.66	
BZS	139.0	216	Pn	11:46:14.47		0.46	
			Sn	46:32.63		-0.38	
TRPA	167.8	356	Sn	11:46:33.94		-5.47*	
VOIR	225.8	126	Sn	11:46:52.74		0.46	

1992.

2022-12-17 time: 8:00:28.67 UTC ML= 1.4
 lat: 47.847N lon: 21.425E h= 9.7 km
 erh= 1.0km erz= 0.8km
 nr= 6 gap=130 rms=0.12
 Locality: Hajdúnánás
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
ABAH	51.8	345	Pg	8:00:38.20		0.11	
			Sg	00:45.27		-0.16	
R1E1	93.1	158	Pg	8:00:45.31		-0.07	
PSZ	114.8	274	Pn	8:00:48.85		0.08	
			Sn	01:04.26		-0.19	
KOLS	136.2	27	Sn	8:01:09.30		0.10	

Földrengés paraméterek

1993.

2022-12-17 time: 11:39:03.24 UTC ML= 2.8
 lat: 47.880N lon: 20.695E h= 0.5 km
 erh= 3.8km erz= 3.5km
 nr= 67 gap= 51 rms=2.42
 Locality: Bükkábrány
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PSZ	60.0	274	Pg	11:39:13.63		-0.33	
			Sg	39:22.33		0.01	
ABAH	61.5	41	Pg	11:39:13.62		-0.60	
			Sg	39:21.60		-1.19	
BSZH	72.1	207	Pg	11:39:15.28		-0.84	
			Sg	39:24.99		-1.17	
PENC	106.3	265	Pg	11:39:21.58		-0.64	
			Sg	39:35.47		-1.55	
BORR	120.3	137	PgC	11:39:31.99		7.27	
PKSN	125.9	210	Pg	11:39:24.25		-1.47	
			Sg	39:40.65		-2.61	
BUD	133.0	251	Sn	11:39:41.26		-3.91	
TRPA	140.4	79	Pn	11:39:26.03		-1.68	
			Sn	39:42.48		-4.32	
HOLU	144.7	60	Pn	11:39:25.70		-2.55	
PKS7	148.2	231	Pn	11:39:26.44		-2.24	
			Sn	39:45.94		-2.59	
KOLS	165.4	45	Pn	11:39:31.33		0.50	
			Sn	39:51.87		-0.49	
PKS6	166.1	211	Sn	11:39:52.08		-0.43	
LANS	167.9	327	Pn	11:39:30.01		-1.13	
PKB2	173.4	219	Sn	11:39:54.09		-0.04	
NIE	173.4	351	Pn	11:39:33.73		1.90	
			Sn	39:56.16		2.03	
SRO	178.4	268	Sn	11:39:53.27		-1.98	
PKSG	181.5	253	Pn	11:39:32.36		-0.48	
			Sn	39:54.77		-1.16	
MESR	188.2	116	PnC	11:39:37.88		4.20	
PKB1	188.5	230	Pn	11:39:34.71		1.00	
			Sn	39:56.88		-0.60	
PKS2	190.9	216	Sn	11:39:59.85		1.84	
CSKK	191.8	253	Sn	11:40:00.04		1.82	
DRGR	194.6	128	Pn	11:39:34.93		0.46	
			Sn	39:57.91		-0.92	
PKB3	197.9	215	Pn	11:39:36.31		1.43	
			Sn	40:01.49		1.92	
PKB5	206.0	226	Pn	11:39:33.84		-2.05	
			Sn	40:03.77		2.41	
BMR	211.3	96	PnD	11:39:41.39		4.84	
PKST	211.8	251	Sn	11:40:00.26		-2.39	
MEZ	221.1	71	Pn	11:39:41.15		3.37	
			Sn	40:07.45		2.73	
MARR	227.0	126	PnC	11:39:35.81		-2.71	
			Sn	39:56.40		-9.64*	
PKS9	232.7	232	Pn	11:39:42.70		3.48	
			Sn	40:11.51		4.22	
TIH	238.0	243	Sn	11:40:13.73		5.26	
MORH	241.9	220	Pn	11:39:43.49		3.12	
			Sn	40:12.92		3.58	
PKSM	242.4	220	Pn	11:39:43.67		3.24	
			Sn	40:12.92		3.47	
MPLH	250.4	252	Pn	11:39:45.52		4.09	
			Sn	40:17.95		6.72	
CJR	255.0	121	Pn	11:39:44.86		2.85	
			Sn	40:16.42		4.17	
EGYH	257.9	258	Sn	11:40:20.78		7.90	
MODS	260.3	282	Sn	11:40:20.78		7.36	
SURR	260.3	155	PnC	11:39:39.00		-3.67	
			Sn	40:06.50		-6.92	
RAKU	260.3	86	Pn	11:39:39.62		-3.05	
BZS	261.3	164	Pn	11:39:40.61		-2.18	
OJC	268.3	346	Sn	11:40:23.62		8.43*	
KOVH	280.5	225	Pn	11:39:49.78		4.60	
			Sn	40:24.50		6.60	
PKSV	289.3	220	Pn	11:39:51.33		5.05	

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
ARCR	289.5	108	Sn	40:26.02		6.16	
			PnC	11:39:52.66		6.35	
MORC	313.2	312	Sn	11:40:36.40		11.25*	
GZR	319.1	150	Pn	11:39:55.91		5.91*	
			Sn	40:19.91		-6.56*	
RONA	330.2	267	Pn	11:39:49.07		-2.31*	
BURA	340.4	95	PnC	11:39:50.04		-2.61*	
VRAC	341.7	298	PnD	11:39:51.02		-1.80*	
KRUC	344.1	292	Pn	11:39:52.07		-1.04*	
WINA	345.9	274	Pn	11:39:50.24		-3.10*	
MDVR	353.2	167	PnC	11:39:51.44		-2.81*	
			Sn	40:25.00		-9.05*	
HERR	358.7	158	PnC	11:39:52.61		-2.32*	
			Sn	40:27.40		-7.86*	
CONA	361.4	271	Pn	11:39:54.32		-0.95*	
ARSA	395.5	260	Pn	11:39:57.82		-1.70*	
ABNA	400.4	283	Pn	11:39:59.11		-1.02*	
ARR	411.1	133	PnD	11:40:05.99		4.52*	

1994.

sta	dist	azm	phase	hr	mn	sec	res
BZS	82.3	134	Pg	18:43:10.41		-0.28	
			Sg	43:21.02		-0.90	
BANR	85.7	165	Pg	18:43:11.72		0.50	
			Sg	43:23.66		0.80	
SURR	107.2	113	PnD	18:43:13.82		-0.15	
			Sn	43:26.70		-1.06	
PKS6	112.0	298	Pn	18:43:13.80		-0.76	
			Sn	43:26.68		-2.13	
BORR	128.8	34	Sn	18:43:33.20		0.65	
PKB3	131.7	284	Pn	18:43:16.60		-0.42	
			Sn	43:31.92		-1.27	
PKS2	132.4	288	Sn	18:43:33.28		-0.06	
PKB2	137.8	296	Sn	18:43:34.53		-0.01	
DRGR	160.9	63	Pn	18:43:21.18		0.52	
			Sn	43:40.45		0.77	
MDVR	164.1	156	PnD	18:43:21.00		-0.06	
			Sn	43:40.50		0.11	
MORH	170.6	273	Pn	18:43:22.50		0.63	
			Sn	43:42.36		0.54	
GZR	170.7	119	PnC	18:43:22.82		0.94	
			Sn	43:41.50		-0.34	
PKB5	170.8	288	Pn	18:43:21.61		-0.28	
			Sn	43:42.61		0.75	
PKSM	170.8	273	Pn	18:43:21.53		-0.36	
			Sn	43:42.55		0.68	
MARR	184.9	71	PnC	18:43:24.33		0.68	
PKS9	204.3	284	Pn	18:43:27.35		1.27	
			Sn	43:52.26		2.95	
PSZ	211.9	340	Pn	18:43:26.31		-0.71	
			Sn	43:54.03		3.04	
KOVH	212.6	269	Sn	18:43:55.98		4.83*	
LOT	239.3	108	Sn	18:43:56.00		-1.07	

1995.

sta	dist	azm	phase	hr	mn	sec	res
RONA	12.6	166	PgD	8:21:49.76		0.35	
			Sg	21:51.79		-0.29	
SOP	26.7	122	Pg	8:21:51.59		0.18	

Hypocenter Parameters

Földrengés paraméterek

		Sg	21:55.00	-0.63
CONA	32.3 294	Pg	8:21:52.74	0.42
		Sg	21:56.94	-0.31
WINA	35.8 338	Pg	8:21:53.31	0.42
		Sg	21:57.65	-0.62
ARSA	83.1 222	S*	8:22:12.15	-0.62
MODS	98.6 50	P*	8:22:03.63	0.24
ABNA	113.6 327	Pn	8:22:05.25	-0.10
		Sn	22:18.74	-1.70
KRUC	139.6 4	Pn	8:22:08.86	0.27
		Sn	22:25.50	-0.72

1996.

2022-12-18 time: 9:49:05.80 UTC ML= 1.4
lat: 47.852N lon: 19.233E h= 0.0 km
erh= 2.9km erz= 4.9km
nr= 7 gap=210 rms=0.51
Locality: Keszeg
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
PENC	7.8	152	PgU	9:49:07.72	0.53	
			Sg	49:08.32	0.05	
PSZ	50.0	82	Pg	9:49:14.89	0.16	
			Sg	49:20.91	-0.79	
PKSG	81.4	231	Pg	9:49:20.58	0.24	
			Sg	49:31.16	-0.52	
PKB5	144.8	195	Sn	9:49:49.02	-1.43	

1997.

2022-12-19 time: 7:33:40.58 UTC ML= 1.1
lat: 47.722N lon: 16.066E h= 10.0 km
erh= 1.2km erz= 3.3km
nr= 7 gap=130 rms=0.25
Locality: Austria
Comments:

sta	dist	azm	phase	hr mn	sec	res
RONA	17.4	98	Pg	7:33:44.31	0.14	
			Sg	33:46.73	-0.24	
CONA	27.6	326	Pg	7:33:46.03	0.21	
			Sg	33:49.61	-0.31	
SOP	37.2	97	Pg	7:33:47.56	0.11	
ARSA	66.5	218	Pg	7:33:52.55	-0.04	
			Sg	34:00.78	-1.18	

1998.

2022-12-19 time: 9:38:01.85 UTC ML= 1.9
lat: 46.049N lon: 22.597E h= 0.0 km
erh= 2.9km erz= 977km
nr= 10 gap=128 rms=0.78
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
DEV	30.0	128	Pg	9:38:07.42	0.21	
			Sg	38:11.50	0.11	
GZR	74.2	169	Pg	9:38:15.63	0.53	
			Sg	38:24.58	-0.85	
DRGR	83.0	6	Pg	9:38:17.15	0.47	
			Sg	38:27.01	-1.23	
BZS	90.1	238	Pg	9:38:17.81	-0.12	
			Sg	38:29.25	-1.23	
CJR	106.7	46	Pg	9:38:22.01	1.11	
			Sg	38:34.23	-1.54	

1999.

2022-12-19 time: 9:53:35.55 UTC ML= 1.8
lat: 48.539N lon: 20.796E h= 0.0 km
erh= 2.3km erz= 7.2km
nr= 10 gap=116 rms=0.76
Locality: Bódvalenke
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
ABAH	42.5	129	Pg	9:53:43.57	0.43	
			Sg	53:50.11	1.05	
PSZ	96.2	224	Pg	9:53:53.03	0.31	
			Sg	54:05.52	-0.59	
NIE	104.0	340	Pg	9:53:54.93	0.80	
			Sg	54:07.62	-1.00	
KOLS	117.2	68	Pg	9:53:56.76	0.28	
			Sg	54:11.98	-0.82	
HOLU	117.3	91	Pg	9:53:55.83	-0.67	
TRPA	137.0	109	Sn	9:54:15.99	-2.49	

2000.

2022-12-19 time: 10:10:59.72 UTC ML= 1.4
lat: 47.929N lon: 16.065E h= 0.0 km
erh= 5.2km erz= ***km
nr= 5 gap=135 rms=0.53
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
CONA	15.2	270	Pg	10:11:02.74	0.30	
			Sg	11:04.11	-0.45	
RONA	30.9	146	Pg	10:11:05.14	-0.09	
KRUC	128.3	11	Pg	10:11:23.09	0.46	
			Sg	11:38.78	-1.72	

2001.

2022-12-19 time: 11:00:28.17 UTC ML= 1.7
lat: 48.128N lon: 16.914E h= 0.0 km
erh= 2.3km erz= 749km
nr= 9 gap= 97 rms=0.56
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
ZST	16.0	62	Pg	11:00:31.40	0.38	
			Sg	00:33.26	0.01	
MODS	38.4	45	Pg	11:00:35.37	0.34	
			Sg	00:39.80	-0.58	
RONA	66.3	224	Pg	11:00:40.66	0.64	
			Sg	00:49.23	-0.03	
CONA	81.6	254	Sg	11:00:53.78	-0.32	
EGYH	85.0	158	Sg	11:00:54.13	-1.08	
KRUC	110.6	340	Sg	11:01:02.27	-1.07	

2002.

2022-12-19 time: 12:56:34.53 UTC ML= 1.4
lat: 47.862N lon: 16.056E h= 0.0 km
erh= 1.9km erz= 3.0km
nr= 7 gap=124 rms=0.78
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr mn	sec	res
CONA	16.3	297	Pg	12:56:38.14	0.70	
			Sg	56:39.86	0.15	
RONA	25.5	135	PgU	12:56:39.78	0.70	
			Sg	56:42.66	0.03	
ARSA	78.9	211	Sg	12:56:58.62	-0.99	
KRUC	135.8	11	Pn	12:56:58.15	-0.34	
			Sn	57:15.12	-2.06	

Földrengés paraméterek

2003.

2022-12-20 time: 8:47:30.27 UTC ML= 1.9
 lat: 46.926N lon: 22.805E h= 0.0 km
 erh= 9.5km erz= 3.5km
 nr= 6 gap=329 rms=0.74
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DRGR	16.5	205	Pg	8:47:33.67		0.44	
			Sg	47:36.00		0.47	
GZR	170.4	181	Pn	8:47:59.28		0.73	
			Sn	48:19.29		-1.32	
BZS	172.0	212	Pn	8:47:58.11		-0.64	
			Sn	48:19.76		-1.20	

2004.

2022-12-20 time: 10:28:42.54 UTC ML= 1.9
 lat: 48.364N lon: 19.856E h= 0.0 km
 erh= 2.0km erz= 625km
 nr= 9 gap=128 rms=0.48
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	49.7	177	Pg	10:28:51.85		0.43	
			Sg	28:58.23		-0.11	
PENC	76.8	214	Pg	10:28:56.67		0.40	
			Sg	29:05.94		-1.03	
LANS	91.9	342	Sg	10:29:11.50		-0.27	
ABAH	102.9	94	Pg	10:29:00.88		-0.04	
			Sg	29:14.42		-0.83	
NIE	121.9	16	Pg	10:29:04.77		0.45	
			Sg	29:20.81		-0.50	

2005.

2022-12-20 time: 13:33:33.46 UTC ML= 1.9
 lat: 48.234N lon: 21.242E h= 0.0 km
 erh= 1.4km erz= 2.2km
 nr= 9 gap=154 rms=0.50
 Locality: Tálllya
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	6.9	359	Pg	13:33:34.90		0.22	
			Sg	33:36.46		0.82	
TRPA	97.2	97	Pg	13:33:50.94		0.13	
			Sg	34:03.86		-0.49	
PSZ	106.4	251	Sg	13:34:07.38		0.11	
KOLS	108.8	44	Pg	13:33:53.21		0.33	
			Sg	34:07.38		-0.65	
NIE	148.3	333	Sn	13:34:17.61		-1.29	
LANS	165.6	308	Sn	13:34:21.99		-0.75	

2006.

2022-12-21 time: 8:05:49.87 UTC ML= 1.8
 lat: 46.044N lon: 22.830E h= 0.0 km
 erh= 3.1km erz= 5.7km
 nr= 10 gap=110 rms=0.68
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
DEV	18.7	162	Pg	8:05:53.75		0.54	
			Sg	05:55.55		-0.27	
GZR	72.4	183	Pg	8:06:03.25		0.45	
			Sg	06:11.68		-1.21	
DRGR	83.6	354	Pg	8:06:05.20		0.40	
			Sg	06:15.44		-1.01	

Hypocenter Parameters

BZS	105.6	243	Pg	8:06:09.03	0.31
			Sg	06:22.23	-1.20
VOIR	185.4	111	Sn	8:06:42.60	-0.94
KORU	236.0	6	Pn	8:06:27.08	0.75

2007.

2022-12-21	time:	8:48:47.16	UTC	ML= 1.3
lat:	47.042N	lon:	18.046E	h= 0.0 km
erh=	0.9km	erz=	355km	
nr=	15	gap=	120	rms=0.30
Locality:	Balatonalmádi			
Comments:	probably explosion			

sta	dist	azm	phase	hr	mn	sec	res
TIH	19.6	216	Pg	8:48:50.76		0.10	
			Sg	48:52.62		-0.78	
PKST	24.1	358	Pg	8:48:51.57		0.11	
			Sg	48:54.49		-0.33	
CSKK	39.2	25	Pg	8:48:54.10		-0.06	
MPLH	41.0	290	Pg	8:48:54.98		0.51	
			Sg	48:59.94		-0.24	
PKSG	46.8	34	Pg	8:48:55.09		-0.43	
			Sg	49:02.12		0.08	
MORH	102.7	153	Pg	8:49:05.89		0.40	
			Sg	49:19.75		-0.04	
PKSM	103.0	154	Pg	8:49:05.82		0.28	
			Sg	49:19.75		-0.14	
KOVH	106.1	178	Pg	8:49:06.01		-0.10	
			Sg	49:20.45		-0.44	

2008.

2022-12-21	time:	9:05:11.50	UTC	ML= 2.3
lat:	45.544N	lon:	16.576E	h= 4.0 km
erh=	3.4km	erz=	3.4km	
nr=	23	gap=	138	rms=1.20
Locality:	Croatia			
Comments:				

sta	dist	azm	phase	hr	mn	sec	res
ZAG	55.4	305	Sg	9:05:29.53		0.39	
PTJ	62.3	309	Pg	9:05:23.30		0.65	
			Sg	05:30.69		-0.67	
CRES	92.7	290	Pg	9:05:28.45		0.38	
			Sg	05:39.55		-1.44	
BLY	100.4	152	Pg	9:05:29.75		0.31	
			Sg	05:41.95		-1.49	
KOGS	103.7	346	Pg	9:05:30.32		0.30	
			Sg	05:43.07		-1.40	
BEHE	104.1	9	Pg	9:05:30.58		0.48	
			Sg	05:43.78		-0.84	
GROS	131.6	321	Pn	9:05:33.87		-0.56	
			Sn	05:50.56		-1.75	
KOVH	133.0	63	Pn	9:05:33.20		-1.40	
			Sn	05:50.92		-1.69	
PKSV	136.0	74	Sn	9:05:52.43		-0.85	
SOKA	173.6	317	Sn	9:06:03.38		1.75	
PKSM	176.7	65	Pn	9:05:42.21		2.17	
			Sn	06:04.01		1.70	
MORH	177.1	65	Pn	9:05:42.32		2.23	
			Sn	06:01.54		-0.86	
PKB5	203.9	55	Sn	9:06:12.08		3.73	
ARSA	206.3	337	Sn	9:06:12.51		3.62	

2009.

2022-12-21	time:	9:38:47.74	UTC	ML= 1.8
lat:	48.924N	lon:	21.337E	h= 0.0 km
erh=	3.4km	erz=	4.8km	
nr=	8	gap=	127	rms=0.92
Locality:	Slovakia			
Comments:	probably explosion			

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
KOLS	68.6	89	Pg	9:39:00.05		0.07	
			Sg	39:08.69		-0.85	
ABAH	70.2	186	Pg	9:39:01.46		1.18	
			Sg	39:10.98		0.92	
NIE	92.8	306	Sg	9:39:17.22		0.00	
PSZ	154.7	224	Pn	9:39:12.73		-1.32	
			Sn	39:33.19		-1.39	
OJC	182.1	322	Sn	9:39:41.14		0.47	

2010.

2022-12-21 time: 17:58:27.67 UTC ML= 1.9
lat: 45.954N lon: 21.699E h= 10.0 km
erh= 8.7km erz=11.2km
nr= 7 gap=185 rms=0.76
Locality: Romania
Comments:

sta	dist	azm	phase	hr	mn	sec	res
BZS	38.0	190	PgU	17:58:34.85		0.16	
			Sg	58:39.29		-0.88	
BANR	77.2	215	Pg	17:58:42.19		0.61	
			Sg	58:51.94		-0.49	
GZR	104.5	127	p*	17:58:47.29		0.91	
			S*	58:59.53		-1.45	
DRGR	121.4	40	Sn	17:59:04.12		-0.73	

2011.

2022-12-22 time: 7:48:24.95 UTC ML= 1.7
lat: 48.848N lon: 21.807E h= 0.0 km
erh= 3.5km erz= 4.7km
nr= 7 gap=220 rms=0.49
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOLS	35.5	74	Pg	7:48:31.40		0.12	
			Sg	48:35.05		-1.18	
ABAH	74.3	214	Pg	7:48:38.32		0.11	
			Sg	48:47.83		-0.73	
TRPA	96.4	146	Pg	7:48:42.51		0.35	
			Sg	48:56.20		0.61	
BMR	181.1	136	Sn	7:49:17.26		-0.41	

2012.

2022-12-22 time: 8:51:18.60 UTC ML= 1.2
lat: 47.542N lon: 18.539E h= 0.0 km
erh= 2.1km erz= 1.5km
nr= 8 gap=306 rms=0.55
Locality: Nagyegyháza
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	20.1	214	Pg	8:51:22.87		0.68	
			Sg	51:25.72		0.72	
CSKK	28.9	227	Pg	8:51:23.81		0.04	
			Sg	51:27.72		-0.08	
PKST	49.4	230	Pg	8:51:27.41		-0.02	
			Sg	51:33.52		-0.79	
MORH	147.7	177	Sn	8:52:03.10		-0.80	
PKSM	148.1	177	Sn	8:52:03.02		-0.97	

2013.

2022-12-22 time: 9:35:17.09 UTC ML= 2.0
lat: 48.532N lon: 20.753E h= 0.0 km
erh= 3.1km erz= ***km
nr= 10 gap= 97 rms=0.92
Locality: Bódvaszilas
Comments: probably explosion

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
ABAH	44.6	126	Pg	9:35:25.20		0.15	
			Sg	35:31.46		0.20	
PSZ	93.4	223	Pg	9:35:34.20		0.43	
			Sg	35:46.95		0.17	
NIE	103.7	342	Pg	9:35:36.78		1.17	
			Sg	35:49.77		-0.29	
LANS	116.7	306	Pg	9:35:36.86		-1.08	
			Sg	35:52.12		-2.07	
KOLS	120.4	68	Pg	9:35:39.40		0.81	
			Sg	35:53.76		-1.60	

2014.

2022-12-22 time: 10:23:60.00 UTC ML= 1.2
lat: 47.396N lon: 18.568E h= 0.0 km
erh= 1.7km erz= 3.7km
nr= 12 gap=152 rms=0.98
Locality: Vértesacsa
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	13.4	268	Pg	10:24:02.81		0.42	
			Sg	24:04.68		0.42	
CSKK	23.5	261	Pg	10:24:04.04		-0.16	
			Sg	24:07.57		0.10	
PKST	43.1	249	Sg	10:24:12.70		-1.01	
PKB1	70.1	166	Sg	10:24:23.46		1.19	
PKB5	89.9	172	Pg	10:24:16.65		0.59	
			Sg	24:28.04		-0.54	
PSZ	115.3	60	Pg	10:24:21.14		0.54	
			Sg	24:36.44		-0.22	
MORH	131.3	177	Sn	10:24:38.05		-3.61	
PKSM	131.7	178	Sn	10:24:38.16		-3.59	

2015.

2022-12-22 time: 11:04:57.78 UTC ML= 1.7
lat: 48.723N lon: 22.366E h= 0.0 km
erh= 2.1km erz= 707km
nr= 10 gap=122 rms=0.55
Locality: Ukraine
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
UZH	11.6	208	Pg	11:05:00.24		0.40	
			Sg	05:01.73		0.27	
KOLS	24.3	344	Pg	11:05:02.26		0.14	
			Sg	05:05.00		-0.51	
TRPA	67.1	169	Pg	11:05:09.77		0.00	
			Sg	05:18.52		-0.60	
MEZ	87.8	105	Pg	11:05:14.06		0.61	
			Sg	05:24.15		-1.52	
ABAH	95.9	240	Pg	11:05:15.08		0.19	
			Sg	05:27.05		-1.19	

2016.

2022-12-22 time: 11:22:04.34 UTC ML= 1.3
lat: 46.104N lon: 18.030E h= 0.0 km
erh= 1.1km erz= 2.0km
nr= 14 gap=198 rms=0.29
Locality: Bükkösd
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOvh	5.6	108	Pg	11:22:05.29		-0.05	
			Sg	22:06.39		0.26	
PKSV	29.5	144	Pg	11:22:09.85		0.25	
			Sg	22:13.57		-0.13	
PKSM	48.7	76	Pg	11:22:12.58		-0.45	
			Sg	22:19.92		0.10	
MORH	49.0	75	Pg	11:22:12.79		-0.30	
			Sg	22:19.76		-0.16	
PKS9	57.0	20	Sg	11:22:22.49		0.03	

Földrengés paraméterek

PKB5	77.0	45	Pg	11:22:18.50	0.41
			Sg	22:28.67	-0.14
MPLH	124.4	342	Pg	11:22:26.73	0.19
			Sg	22:42.88	-0.99
CSKK	141.1	7	Sn	11:22:48.49	0.32

2017.

2022-12-22 time: 12:15:25.47 UTC ML= 1.5
lat: 47.986N lon: 16.614E h= 0.0 km
erh= 2.8km erz= 903km
nr= 11 gap=138 rms=0.73
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SOP	34.0	187	Pg	12:15:31.71	0.18		
			Sg	15:35.57	-0.69		
RONA	39.8	217	Pg	12:15:33.18	0.61		
			Sg	15:37.70	-0.41		
CONA	56.6	263	Pg	12:15:36.39	0.82		
			Sg	15:43.49	0.04		
MODS	65.5	49	Pg	12:15:37.54	0.38		
			Sg	15:45.64	-0.64		
ARSA	115.8	225	Sg	12:15:59.81	-2.48		
KRUC	120.7	352	Pg	12:15:46.96	-0.06		
			Sg	16:02.05	-1.78		

2018.

2022-12-22 time: 17:54:10.46 UTC ML= 1.9
lat: 47.530N lon: 22.462E h= 10.0 km
erh= 6.1km erz= 6.5km
nr= 10 gap= 94 rms=1.15
Locality: Romania
Comments:

sta	dist	azm	phase	hr	mn	sec	res
TRPA	67.0	5	Pg	17:54:22.47	-0.10		
			Sg	54:31.35	-0.66		
BMR	79.4	78	Sg	17:54:35.11	-0.80		
DRGR	84.2	167	Pg	17:54:25.94	0.34		
			Sg	54:37.52	0.11		
ABAH	125.0	313	Pn	17:54:31.33	-0.47		
			Sn	54:45.78	-2.66		
KOLS	156.7	355	Pn	17:54:38.27	2.51		
			Sn	54:57.17	1.68		
BSZH	167.6	261	Sn	17:54:57.11	-0.80		

2019.

2022-12-23 time: 12:08:23.30 UTC ML= 1.8
lat: 45.675N lon: 17.284E h= 12.0 km
erh= 3.6km erz= 1.3km
nr= 11 gap=204 rms=0.30
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOVH	78.3	54	Pg	12:08:37.50	0.05		
			Sg	08:48.87	0.39		
PKSV	79.0	72	Pg	12:08:37.43	-0.14		
			Sg	08:48.25	-0.44		
KOGS	117.4	317	Pn	12:08:43.21	-0.23		
PKSM	121.0	60	Pn	12:08:44.27	0.38		
			Sn	08:59.71	-0.24		
MORH	121.4	60	Pn	12:08:44.00	0.06		
			Sn	08:59.83	-0.21		
CRES	143.2	277	Pn	12:08:47.08	0.43		
			Sn	09:04.04	-0.83		

Hypocenter Parameters

2020.

2022-12-25 time: 4:52:33.73 UTC ML= 0.8
lat: 47.407N lon: 18.220E h= 10.8 km
erh= 1.3km erz= 0.5km
nr= 7 gap=237 rms=0.09
Locality: Pusztavám
Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	5.7	148	PgU	4:52:35.98	0.07		
			Sg	52:37.44	-0.18		
PKSG	13.0	98	Pg	4:52:36.79	0.05		
			Sg	52:39.06	-0.03		
PKST	21.6	221	PgD	4:52:37.98	-0.07		
			Sg	52:41.57	0.15		
PKSM	136.7	166	Sn	4:53:14.11	-0.02		

2021.

2022-12-25 time: 4:58:26.89 UTC ML= 1.2
lat: 47.428N lon: 18.202E h= 11.8 km
erh= 1.2km erz= 0.6km
nr= 9 gap=139 rms=0.20
Locality: Pusztavám
Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	8.4	149	Pg	4:58:29.57	0.09		
			Sg	58:31.23	-0.27		
PKSG	14.8	106	Pg	4:58:30.46	0.20		
			Sg	58:32.54	-0.35		
PKST	22.7	214	PgD	4:58:31.62	0.16		
			Sg	58:34.93	-0.09		
MODS	125.8	327	Sn	4:59:04.28	-0.37		
MORH	138.9	166	Sn	4:59:07.62	0.06		
PKSM	139.3	166	Sn	4:59:07.62	-0.02		

2022.

2022-12-25 time: 18:10:55.28 UTC ML= 1.9
lat: 45.657N lon: 16.044E h= 11.1 km
erh= 3.0km erz= 1.5km
nr= 17 gap=219 rms=0.59
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZAG	19.5	348	Pg	18:10:59.32	0.03		
			Sg	11:03.31	0.89		
PTJ	27.8	346	Pg	18:11:00.34	-0.29		
			Sg	11:05.15	0.35		
CRES	49.4	292	Pg	18:11:03.66	-0.66		
			Sg	11:11.34	-0.04		
KOGS	89.4	10	Pg	18:11:10.67	-0.69		
			Sg	11:24.51	0.61		
GROS	98.7	335	P*	18:11:13.39	0.39		
			S*	11:25.82	-1.00		
BEHE	106.6	32	Pn	18:11:14.28	0.10		
PERS	130.3	327	Sn	18:11:33.83	-0.34		
OBKA	149.5	309	Pn	18:11:20.38	0.85		
			Sn	11:39.32	0.88		
KOVH	166.6	73	Sn	18:11:41.31	-0.93		
PKSM	210.6	73	Sn	18:11:53.00	0.99		
MORH	211.0	73	Sn	18:11:54.00	1.91		

2023.

2022-12-26 time: 2:13:19.97 UTC ML= 1.4
lat: 45.666N lon: 17.755E h= 3.0 km
erh= 5.6km erz= 4.1km
nr= 9 gap=155 rms=0.67
Locality: Croatia
Comments:

Hypocenter Parameters

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
KOVH	54.1	30	Pg	2:13:30.	35	0.72	
			Sg	13:37.	04	-0.13	
PKSM	91.7	49	Pg	2:13:36.	68	0.33	
			Sg	13:48.	05	-1.08	
MORH	92.2	48	Pg	2:13:36.	96	0.53	
			Sg	13:48.	16	-1.12	
BLY	111.4	204	Sg	2:13:54.	28	-1.10	
PKB5	128.1	36	Sn	2:14:00.	17	-0.06	
CRES	179.7	276	Sn	2:14:11.	71	0.02	

2024.

2022-12-27 time: 6:13:33.15 UTC ML= 0.8
lat: 47.577N lon: 16.487E h= 6.4 km
erh= 3.0km erz= 4.4km
nr= 9 gap= 83 rms=0.52
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
SOP	13.0	24	PgD	6:13:35.	53	-0.20	
			Sg	13:37.	01	-0.73	
RONA	19.8	313	PgU	6:13:37.	33	0.47	
			Sg	13:39.	73	-0.03	
CONA	61.1	310	Pg	6:13:44.	77	0.66	
			Sg	13:51.	76	-0.90	
EGYH	66.1	106	Sg	6:13:54.	70	0.46	
ARSA	81.3	243	Sg	6:13:58.	63	-0.45	
KOGS	126.8	188	Sn	6:14:12.00		-0.35	

2025.

2022-12-27 time: 12:20:13.48 UTC ML= 1.1
lat: 47.886N lon: 16.070E h= 0.0 km
erh= 1.2km erz= 2.2km
nr= 8 gap=111 rms=0.54
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	16.3	287	Pg	12:20:16.	67	0.28	
			Sg	20:18.	67	0.01	
RONA	26.7	141	Pg	12:20:18.	31	0.05	
			Sg	20:22.	19	0.21	
SOP	43.0	122	Pg	12:20:21.	82	0.67	
ARSA	81.7	210	Sg	12:20:38.	74	-0.72	
KRUC	133.0	10	Pn	12:20:36.	72	-0.38	
			Sn	20:53.	56	-1.96	

2026.

2022-12-27 time: 17:42:34.12 UTC ML= 1.4
lat: 48.269N lon: 21.607E h= 0.4 km
erh= 1.1km erz= 134km
nr= 5 gap=174 rms=0.31
Locality: Sárospatak
Comments:

sta	dist	azm	phase	hr	mn	sec	res
ABAH	27.4	276	PgD	17:42:39.	04	0.02	
			Sg	42:42.	35	-0.49	
TRPA	71.0	103	Pg	17:42:47.	15	0.35	
			Sg	42:56.	26	-0.43	
KOLS	88.7	34	Sg	17:43:02.	46	0.15	

2027.

2022-12-29 time: 4:07:35.73 UTC ML= 0.5
lat: 47.520N lon: 16.210E h= 10.0 km
erh= 3.1km erz=12.5km
nr= 7 gap=142 rms=0.48
Locality: Austria
Comments:

sta	dist	azm	phase	hr	mn	sec	res
RONA	21.0	18	PgD	4:07:40.	32	0.44	
			Sg	07:42.	55	-0.58	
SOP	31.9	55	Pg	4:07:42.	22	0.53	
			Sg	07:46.	31	-0.04	
CONA	52.4	330	Sg	4:07:52.	27	-0.42	
ARSA	59.9	240	Sg	4:07:54.	87	-0.16	
EGYH	85.3	98	Sg	4:08:02.	23	-0.80	

2028.

2022-12-31 time: 0:02:15.04 UTC ML= 2.3
lat: 45.521N lon: 16.100E h= 10.2 km
erh= 2.3km erz= 1.6km
nr= 24 gap=141 rms=0.69
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZAG	35.2	346	Pg	0:02:21.	71	0.13	
			Sg	02:27.	34	0.66	
PTJ	43.5	345	Pg	0:02:22.	92	-0.10	
			Sg	02:29.	18	-0.06	
CRES	60.5	304	Pg	0:02:25.	71	-0.28	
			Sg	02:33.	76	-0.77	
R93E	63.0	103	Pg	0:02:26.	23	-0.20	
KOGS	103.7	6	P*	0:02:33.	54	-0.06	
			S*	02:46.	94	-1.14	
GROS	114.3	336	Pn	0:02:35.	38	0.37	
			Sn	02:49.	16	-1.43	
BEHE	117.7	26	Pn	0:02:36.	43	0.99	
BLY	121.0	135	Pn	0:02:35.	61	-0.24	
			Sn	02:50.	67	-1.42	
PERS	145.4	328	Sn	0:02:56.	68	-0.81	
KOVH	167.8	68	Pn	0:02:41.	01	-0.67	
			Sn	03:03.	62	1.16	
PKSV	172.5	76	Sn	0:03:05.	01	1.49	
TRI	183.4	277	Pn	0:02:44.	14	0.51	
			Sn	03:07.	37	1.44	
PKSM	211.8	69	Pn	0:02:47.	29	0.12	
			Sn	03:12.	01	-0.22	
MORH	212.1	69	Pn	0:02:47.	48	0.27	
			Sn	03:16.	66	4.35*	
RONA	242.6	4	Pn	0:02:52.	58	1.56	

2029.

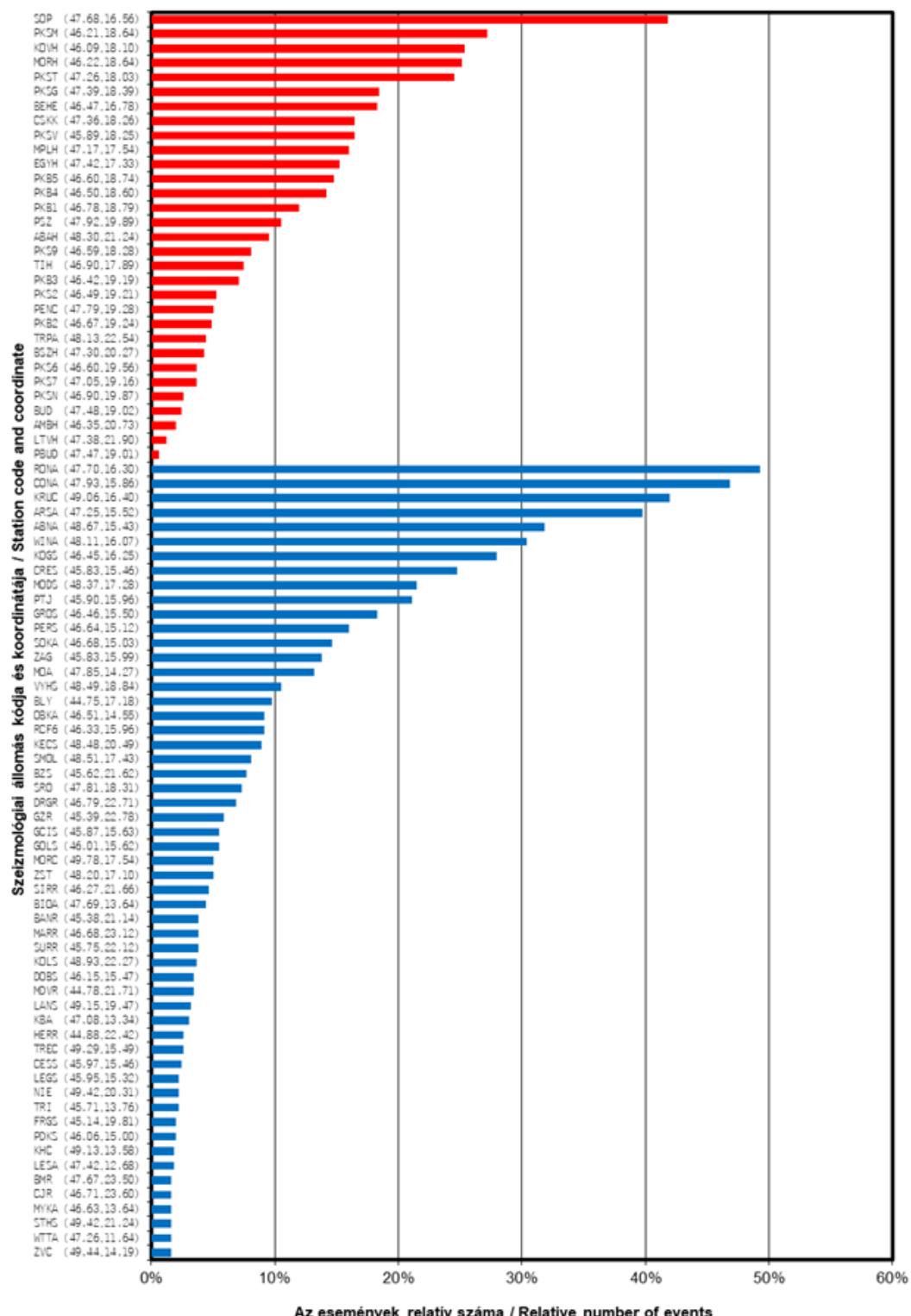
2022-12-31 time: 4:35:25.49 UTC ML= 2.0
lat: 46.098N lon: 17.038E h= 11.5 km
erh= 2.6km erz= 2.0km
nr= 27 gap= 81 rms=0.92
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	46.1	334	Pg	4:35:34.	89	0.91	
			Sg	35:39.	88	-0.71	
KOGS	72.2	303	Pg	4:35:38.	79	0.25	
			Sg	35:46.	77	-1.95	
KOVH	82.1	91	Pg	4:35:39.	71	-0.59	
			Sg	35:49.	45	-2.40	
PKSV	96.9	104	P*	4:35:43.	05	0.15	
			S*	35:54.	85	-1.62	
TIH	110.7	36	Pn	4:35:44.	46	-0.40	
			Sn	35:59.	02	-0.95	
PKSM	124.5	84	Pn	4:35:45.	75	-0.82	

Földrengés paraméterek

MORH	124.7	84	Sn	36:03.38	0.36
			Pn	4:35:47.22	0.61
			Sn	36:03.22	0.14
GROS	125.1	289	Pn	4:35:46.28	-0.37
			Sn	36:01.43	-1.73
MPLH	125.3	18	Sn	4:36:02.54	-0.65
CRES	126.3	256	Pn	4:35:47.57	0.78
			Sn	36:02.70	-0.71
PKB5	141.9	67	Pn	4:35:50.18	1.44
			Sn	36:07.47	0.59
PKST	149.9	31	Pn	4:35:50.61	0.86
			Sn	36:09.62	0.96
BLY	150.3	176	Sn	4:36:09.80	1.04
PERS	159.5	292	Pn	4:35:51.90	0.96
			Sn	36:11.41	0.62
PKB3	170.2	78	Sn	4:36:16.80	3.64*

Hypocenter Parameters



3.4. ábra Állomások teljesítménye: az egyes állomások részvételre a rengések hipocentrum meghatározásban

Figure 3.4. Performance of the stations: participation of individual stations in earthquake hypocentre definition

4.

JELENŐS FÖLDRENGÉSEK 2022-BEN (Magyarországon érezhető földrengések)

2022. július 23.	–	Iván
2022. július 28.	–	Répáshuta
2022. október 22.	–	Pat
2022. november 9.	–	Bagod

AZ INTENZITÁS ELOSZLÁS MEGHATÁROZÁSA

A Magyarországon érzéhető földrengések intenzitás eloszlását a ShakeMap program segítségével modelleztük.

Az érzéhető intenzitás leírása az *Európai Makroszeizmikus Skála (EMS)* szerint történik, mely részletesen megtalálható Grünthal (1998) munkájában.

A *műszeres intenzitást (MIS)* a rengés hypocentrum adataiból számítjuk, figyelembe véve az egyes állomásokon mért talajmozgás amplitúdókat, a távolság szerinti csillapodást és a lokális geológiai hatást (Vs30).

(Lásd *A Melléklet*)

4.

SIGNIFICANT EARTHQUAKES IN 2022 (Earthquakes felt in Hungary)

23 July 2022	–	Iván
28 July 2022	–	Répáshuta
22 October 2022	–	Pat
9 November 2022	–	Bagod

METHOD USED FOR ESTIMATION OF INTENSITY

Intensity distribution of earthquakes felt in Hungary has been calculated by ShakeMap program.

The assigned felt intensities correspond to the *European Macroseismic Scale 1998 (EMS)* edited by Grünthal (1998).

The *instrumental intensity (IIS)* is calculated from the data of the hypocentre of the earthquake, taking into account the amplitudes of soil movement measured at each station, the attenuation by distance, and the local geological effects (Vs30).

(See *Appendix A*)

2022. július 23. - Iván / 23 July 2022 - Iván**FÉSZEKPARAMÉTEREK / HYPOCENTER PARAMETERS**

Dátum / Date:	2022/07/23
Kipattanási idő / Origin Time:	16:00:54.9 UTC
Szélesség és hosszúság / Latitude and Longitude:	47.441 N 16.917 E (S.D. 1.3 km)
Mélység / Depth:	15.1 km (S.D. 1.3 km)
Magnitúdó / Magnitude:	3.4 ML
Maximális intenzitás / Maximum Intensity:	4-5 (MIS/IIS)

LEÍRÁS

Július 23-án délután 3.4 ML magnitúdójú földrengés pattant ki Vas – Veszprém – Győr-Moson-Sopron vármegyék hármás határa közelében, Répcelaktól nyugatra. A rengés érezhető volt, az epicentrum térségében, az intenzitás elérte a 4-5 fokot a MIS szerint.

Az elmúlt években több mint tíz rengést regisztráltunk ezen a környéken, de már 1916-ból is van feljegyzés itteni földrengésről.

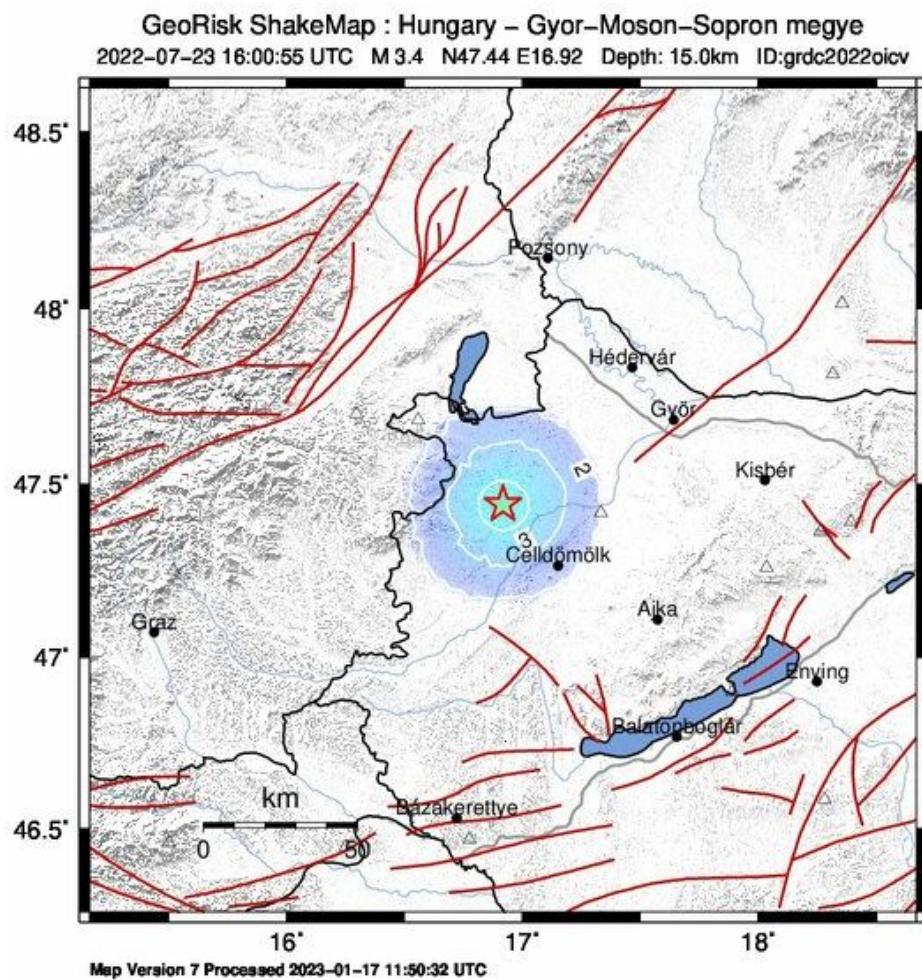
A rengés számított intenzitás eloszlását a 4.1. ábra mutatja.

DISCUSSION

On the afternoon of July 23, an earthquake with a magnitude of 3.4 ML occurred near the triple border of Vas – Veszprém – Győr-Moson-Sopron counties, west of Répcelak. The earthquake was felt in the area of the epicenter, the intensity reached 4-5 degrees according to the IIS.

In recent years, we have recorded more than ten earthquakes in this area, but there are records of earthquakes here as early as 1916.

Calculated intensity distribution of the event is shown in Figure 4.1.



ÉREZHETŐSÉG SHAKING	nem érezhető not felt	gyenge weak	enyhe light	mérsékelt moderate	erős strong	nagyon erős very strong	súlyos severe	nagyon súlyos violent	extrém súlyos extreme
POT. KÁR POT. DAMAGE	nincs none	nincs none	nincs none	hagyom csekély very light	csekély light	mérsékelt moderate	mérsékelt nagy mod. heavy	nagy heavy	nagyon nagy very heavy
GYORSULÁS PEAK ACC. (m/s ²)	< 0.017	0.017-0.14	0.14-0.39	0.39-0.92	0.92-1.8	1.8-3.4	3.4-6.5	6.5-12.4	>12.4
SEBESSÉG PEAK VEL. (m/s)	< 0.001	0.001- 0.011	0.011- 0.034	0.034- 0.081	0.081- 0.16	0.16- 0.31	0.31- 0.60	0.60- 1.16	>1.16
MŰSZERES INTENZITÁS INSTRUMENTAL INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+

4.1. ábra A 2022. július 23-i, iváni földrengés (16:01 UTC) számított intenzitás eloszlása

Figure 4.1. Instrumental intensity distribution of the Iván earthquake 23rd July 2022 (16:01 UTC)

2022. július 28. - Répáshuta / 28 July 2022 - Répáshuta**FÉSZEKPARAMÉTEREK / HYPOCENTER PARAMETERS**

Dátum / Date:	2022/07/28
Kipattanási idő / Origin Time:	15:22:12.4 UTC
Szélesség és hosszúság / Latitude and Longitude:	48.083 N 20.534 E (S.D. 2.0 km)
Mélység / Depth:	4.9 km (S.D. 1.7 km)
Magnitúdó / Magnitude:	2.5 ML
Maximális intenzitás / Maximum Intensity:	3 (MIS/IIS)

LEÍRÁS

Az év folyamán tíz kisebb méretű földrengés volt a Bükk-hegység környékén. Július 28-án délután 2.5 M_L magnitúdójú földrengés pattant ki Répáshuta – Bükkzentkereszt közelében. A rengés gyengén érezhető volt, az epicentrum térségében, az intenzitás elérte a 3 fokot a MIS szerint.

Szinte minden évben vannak itt földrengések, 2003-ban 3.1 M_L magnitúdójú rengés volt érezhető, 2014 év folyamán tíz kis és közepes méretű földrengés közül három érezhető volt.

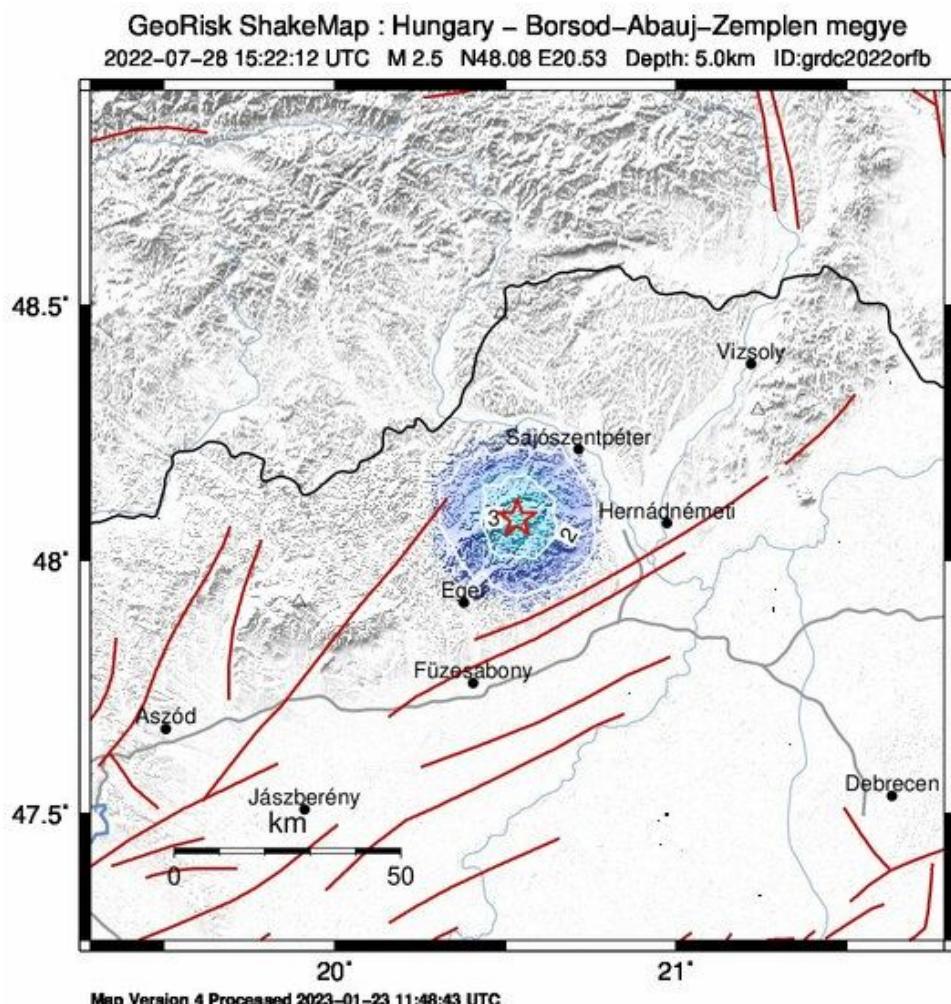
A rengés számított intenzitás eloszlását a 4.2. ábra mutatja.

DISCUSSION

During the year, there were ten smaller earthquakes around the Bükk Mountains. On the afternoon of July 28, an earthquake with a magnitude of 2.5 M_L occurred near Répáshuta – Bükkzentkereszt. The earthquake was weakly felt in the area of the epicenter, the intensity reached 3 degrees according to the IIS.

There are earthquakes here almost every year, in 2003 an earthquake with a magnitude of 3.1 M_L was felt, and in 2014, three out of ten small and medium-sized earthquakes were felt.

Calculated intensity distribution of the event is shown in Figure 4.2.



ÉREZHETŐSÉG SHAKING	nem érezhető not felt	gyenge weak	enyhe light	mérőkelt moderate	erős strong	nagyon erős very strong	súlyos severe	nagyon súlyos violent	extrém súlyos extreme
POT. KÁR POT. DAMAGE	nincs none	nincs none	nincs none	nagyon csekély very light	csekély light	mérőkelt moderate	mérőkelt nagy mod. heavy	nagy heavy	nagyon nagy very heavy
GYORSULÁS PEAK ACC. (m/s ²)	< 0.017	0.017-0.14	0.14-0.39	0.39-0.92	0.92-1.8	1.8-3.4	3.4-6.5	6.5-12.4	>12.4
SEBESSÉG PEAK VEL. (m/s)	< 0.001	0.001- 0.011	0.011- 0.034	0.034- 0.081	0.081- 0.16	0.16- 0.31	0.31- 0.60	0.60- 1.16	>1.16
MŰSZERES INTENZITÁS INSTRUMENTAL INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+

4.2. ábra A 2022. július 28-i, répáshutai földrengés (15:22 UTC) számított intenzitás eloszlása

Figure 4.2. Instrumental intensity distribution of the Répáshuta earthquake 28th July 2022 (15:22 UTC)

2022. október 22. - Pat / 22 October 2022 - Pat**FÉSZEKPARAMÉTEREK / HYPOCENTER PARAMETERS**

Dátum / Date:	2022/10/22
Kipattanási idő / Origin Time:	20:59:56.7 UTC
Szélesség és hosszúság / Latitude and Longitude:	46.455 N 17.194 E (S.D. 1.0 km)
Mélység / Depth:	15.1 km (S.D. 0.9 km)
Magnitúdó / Magnitude:	2.5 ML
Maximális intenzitás / Maximum Intensity:	4-5 (MIS/IIS)

LEÍRÁS

Október hónapban tucatnyi kisebb földrengés keletkezett Somogy – Zala vármegye határán, Pat település közelében, melyek közül október 22-én este egy $2.5 M_L$ magnitúdójú rengés érezhető volt az epicentrum környékén. Az epicentrum térségében az intenzitás elérte a 4-5 fokot a MIS szerint.

A területen az első földrengést 1889-ben jegyezték fel.

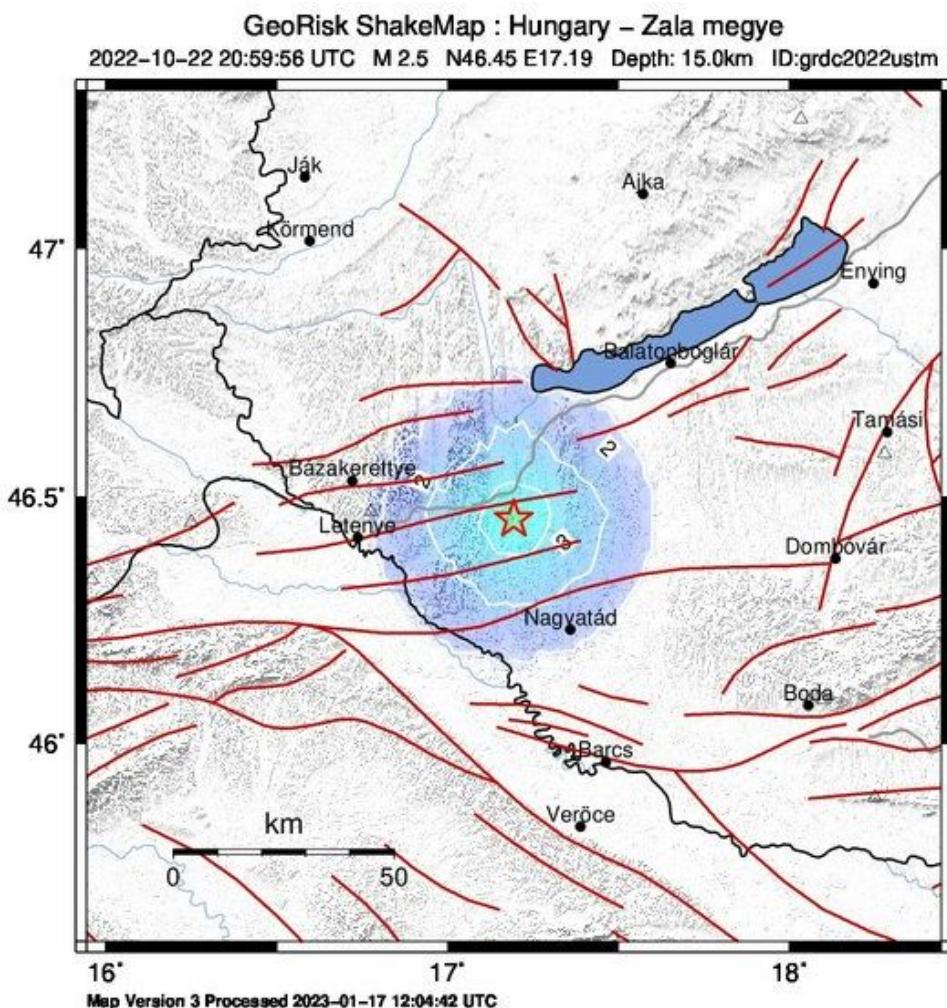
A rengés számított intenzitás eloszlását a 4.3. ábra mutatja.

DISCUSSION

In the month of October, dozens of smaller earthquakes occurred on the border of the Somogy – Zala counties, near the settlement of Pat. On the evening of October 22, a $2.5 M_L$ earthquake was felt near the epicenter. In the area of the epicenter, the intensity reached 4-5 degrees, according to the IIS.

The first earthquake in the area was recorded in 1889.

Calculated intensity distribution of the event is shown in Figure 4.3.



ÉREZHETŐSÉG SHAKING	nem érezhető not felt	gyenge weak	enyhe light	mérsékelt moderate	erős strong	nagyon erős very strong	súlyos severe	nagyon súlyos violent	extrém súlyos extreme
POT. KÁR POT. DAMAGE	nincs none	nincs none	nincs none	nagyon csekély very light	csekély light	mérsékelt moderate	mérsékelt nagy mod. heavy	nagy heavy	nagyon nagy very heavy
GYORSULÁS PEAK ACC. (m/s ²)	< 0.017	0.017-0.14	0.14-0.39	0.39-0.92	0.92-1.8	1.8-3.4	3.4-6.5	6.5-12.4	>12.4
SEBESSÉG PEAK VEL. (m/s)	< 0.001	0.001- 0.011	0.011- 0.034	0.034- 0.081	0.081- 0.16	0.16- 0.31	0.31- 0.60	0.60- 1.16	>1.16
MŰSZERES INTENZITÁS INSTRUMENTAL INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+

4.3. ábra A 2022. október 22-i, pati földrengés (20:59 UTC)
számított intenzitás eloszlása

Figure 4.3. Instrumental intensity distribution of the Pat earthquake
22nd October 2022 (20:59 UTC)

2022. november 9. - Bagod / 9 November 2022 - Bagod**FÉSZEKPARAMÉTEREK / HYPOCENTER PARAMETERS**

Dátum / Date:	2022/11/09
Kipattanási idő / Origin Time:	10:37:18.38 UTC
Szélesség és hosszúság / Latitude and Longitude:	46.894 N 16.735 E (S.D. 1.3 km)
Mélység / Depth:	8.8 km (S.D. 1.3 km)
Magnitúdó / Magnitude:	2.3 ML
Maximális intenzitás / Maximum Intensity:	4 (MIS/IIS)

LEÍRÁS

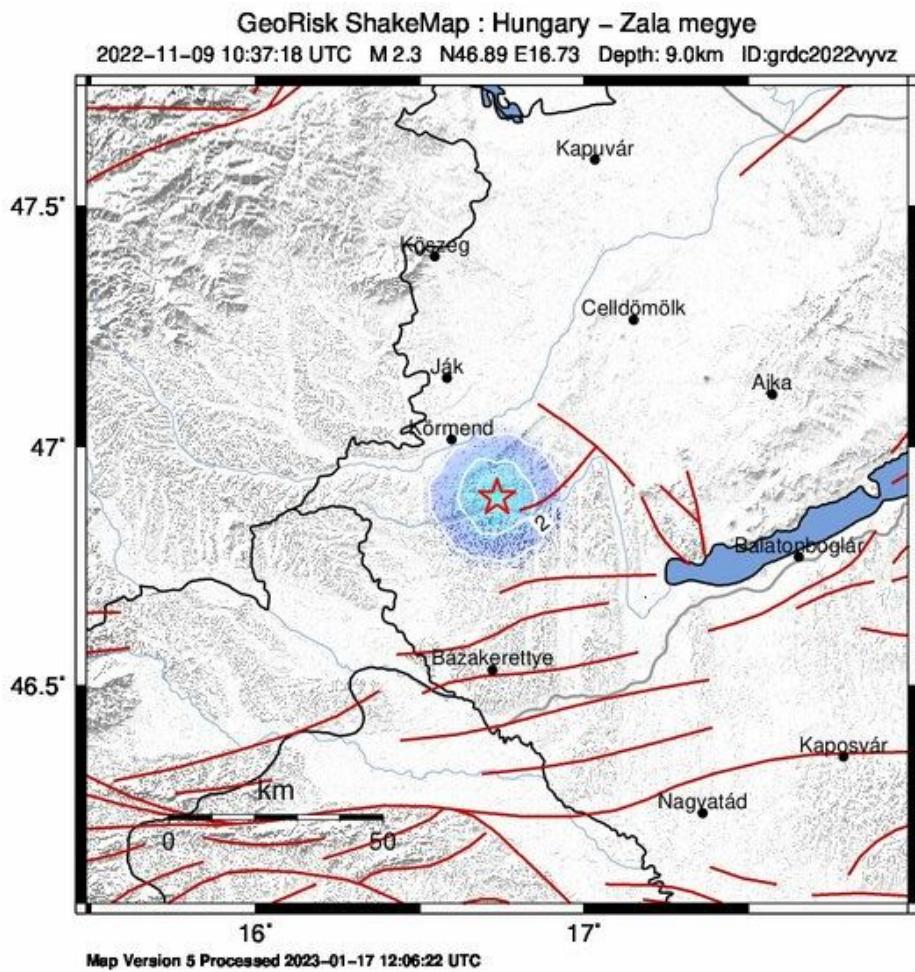
November 9-én reggel 2.3 M_L magnitúdójú földrengés keletkezett a Zala megyei Bagod közelében, mely enyhén érezhető volt az epicentrum közelében. A legnagyobb intenzitás 4 MIS-re tehető.

A rengés számított intenzitás eloszlását a 4.4. ábra mutatja.

DISCUSSION

On the morning of November 9, an earthquake with a magnitude of 2.3 M_L occurred near Bagod in Zala county, which was slightly felt near the epicenter. The maximum intensity can be set to 4 IIS.

Calculated intensity distribution of the event is shown in Figure 4.4.



ÉREZHETŐSÉG SHAKING	nem érezhető not felt	gyenge weak	enyhe light	mérsékelt moderate	erős strong	nagyon erős very strong	súlyos severe	nagyon súlyos violent	extrem súlyos extreme
POT. KÁR POT. DAMAGE	nincs none	nincs none	nincs none	nagyon csekél very light	csekél light	mérsékelt moderate	mérsékelt nagy mod. heavy	nagy heavy	nagyon nagy very heavy
GYORSULÁS PEAK ACC. (m/s ²)	< 0.017	0.017-0.14	0.14-0.39	0.39-0.92	0.92-1.8	1.8-3.4	3.4-6.5	6.5-12.4	>12.4
SEBESSÉG PEAK VEL. (m/s)	< 0.001	0.001- 0.011	0.011- 0.034	0.034- 0.081	0.081- 0.16	0.16- 0.31	0.31- 0.60	0.60- 1.16	>1.16
MŰSZERES INTENZITÁS INSTRUMENTAL INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+

4.4. ábra A 2022. november 9-i, bagodi földrengés (10:37 UTC) számított intenzitás eloszlása

Figure 4.4. Instrumental intensity distribution of the Bagod earthquake 9th November 2022 (10:37 UTC)

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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 rengést 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 rengést 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 összekoccannak. A rezgés erős, nehéz tárgyak felborulnak. Ajtók, ablakok kinyílnak vagy bezáródnak. Néhány esetben az ablaküvegek betörhetnek. Néhány vályog- és téglalépítés falában hajszálrepedések keletkezhetnek, kisebb vakolatdarabok lehullhatnak.

6 ⚡ Kisebb károkat okozó

Épületen belül szinte mindenki, szabadban sokan érzik. Épületben tartózkodók közül sokan megijednek, és a szabadba menekülnek. Kisebb 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 szervelésre mérsékelt sérülést: kisebb repedések keletkeznek a falakban, kémények ledölnek.

8 ⚡ Súlyos károkat okozó

Bútorok felborulnak. Sok hagyományos épület megsérül: kémények ledölnek, a falakban nagy repedések keletkeznek, néhány épület részlegesen összedől.

9 ⚡ Pusztító

Oszlopok, műemlékek ledölnek vagy elferdülnek. Sok hagyományos épület részlegesen, néhány teljesen rombadó.

10 ⚡ Nagyon pusztító

Sok hagyományos épület összedől.

11 ⚡ Elsöprő

A legtöbb épület összedől.

12 ⚡ Teljesen elsöprő

Gyakorlatilag minden építmény megsemmisül.

(Részletesen lásd: Grünthal, 1998)

MŰSZERES INTENZITÁS SKÁLA (MIS)

A műszeres intenzitást (*MIS*) a rengés hypocentrum adataiból számítjuk, figyelembe véve az egyes állomásokon mért talajmozgás amplitúdókat, a távolság szerinti csillapodást és a lokális geológiai hatást (V_{s30}).

ÉREZHETŐSÉG	nem érezhető	gyenge	enyhe	mérsékelt	erős	nagyon erős	súlyos	nagyon súlyos	különösen súlyos
POTENCIÁLIS KÁR	nincs	nincs	nincs	nagyon csekélly	csekély	mérsékelt	mérsékelt nagy	nagy	nagyon nagy
GYORSULÁS (m/s^2)	< 0.017	0.017-0.14	0.14-0.39	0.39-0.92	0.92-1.8	1.8-3.4	3.4-6.5	6.5-12.4	>12.4
SEBESSÉG (m/s)	< 0.001	0.001-0.011	0.011-0.034	0.034-0.081	0.081-0.16	0.16-0.31	0.31-0.60	0.60-1.16	>1.16
MŰSZERES INTENZITÁS	I	II-III	IV	V	VI	VII	VIII	IX	X+

Forrás:

C. B. Worden; M. C. Gerstenberger; D. A. Rhoades; D. J. Wald:
 Probabilistic Relationships between Ground-Motion Parameters and Modified Mercalli Intensity in California
Bulletin of the Seismological Society of America (2012) 102 (1): 204–221.

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)

INSTRUMENTAL INTENSITY SCALE (IIS)

The *instrumental intensity (IIS)* is calculated from the data of the hypocentre of the earthquake, taking into account the amplitudes of soil movement measured at each station, the attenuation by distance, and the local geological effects (Vs30).

PERCEIVED SHAKING	not felt	weak	light	moderate	strong	very strong	severe	violent	extreme
POTENTIAL DAMAGE	none	none	none	very light	light	moderate	moderate heavy	heavy	very heavy
PEAK ACC. (m/s ²)	< 0.017	0.017-0.14	0.14-0.39	0.39-0.92	0.92-1.8	1.8-3.4	3.4-6.5	6.5-12.4	>12.4
PEAK VEL. (m/s)	< 0.001	0.001-0.011	0.011-0.034	0.034-0.081	0.081-0.16	0.16-0.31	0.31-0.60	0.60-1.16	>1.16
INSTRUMENTAL INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+

Reference:

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Magyarországi földrengések / Seismicity in Hungary

