

ISSN: 2664-410X

Monthly Bulletin of Seismology

from the

Albanian Seismic Network (ASN)

October

2022

Department of Seismology (DS)
Institute of Geosciences, Energy, Water & Environment (IGEWE)
Polytechnic University of Tirana (PUT)

Rr. "Don Bosko", Nr. 60
Tirana
Albania
Tel : +355-4-2259697
E-Mail : alert.tir@geo.edu.al

GENERAL BULLETIN INFORMATION

The location program currently used for locating earthquakes is Hypocenter (Lienert et al.,1986). Plane parallel layers are assumed for local and regional events, while the IASPEI travel time tables are used for distant events.

The model used for all local and regional events, is compiled by Havskov & Dushi (2021).

P-wave velocity (km/sec)	depth to top of layer (km)
5.6	0.0
6.0	11.0
6.35	23.5
7.80	41.0
8.20	70.0

Magnitudes are calculated from amplitudes.

Instrument corrected maximum ground amplitudes $A(nm)$ are used to assess the local magnitude M_l , based on the Richter formula (Hutton & Boore, 1987), corrected referred to EMSC:

$$M_l = 1.0 \cdot \log(A) + 1.11 \cdot \log(D) + 0.00189 \cdot D - 1.686$$

where, D is the hypocentral distance (km).

All available amplitude values are used for the magnitude assessment. No station corrections are used for either travel times or magnitude. The V_p/V_s velocity ratio, used in the layered velocity model above, is 1.81.

As a general policy, neither depths nor epicenters are fixed unless stated, since this might restrict later use of the data.

As a consequence, some event locations might be unrealistic, like zero depth earthquakes or teleseismic locations off by 1000 km.

However, the locations are based on the available data and reflect the location procedure and the models used.

STATIONS USED

The stations listed below are those operated by the Department of Seismology, Polytechnic University of Tirana (PUT). However, readings from other cooperating agencies are also used in locating the events and calculating magnitudes and thus more stations will appear in the event lists than in the station list.

STATION	LATITUDE	LONGITUDE	HEIGHT(m)	NAME
BCI	42.3666N	20.0675E	500	Bajram Curri
PUK	42.0426N	19.8926E	900	Puke
PHP	41.6847N	20.4408E	670	Peshkopi
SDA	42.0500N	19.5000E	30	Shkoder
TIR	41.3472N	19.8631E	247	Tirane
BERA	40.7100N	19.9500E	234	Berat
KBN	40.6200N	20.7900E	800	Korce
VLO	40.4700N	19.5000W	50	Vlore
SRN	39.8800N	20.0050W	20	Sarande
LSK	40.1499N	20.5987W	960	Leskovik
BPA1	40.7232N	19.6560E	10	Marinza Oilfield
BPA2	40.7302N	19.6187E	25	Marinza Oilfield

REGIONAL STATIONS

THE	40.6319N	22.9628E	132	Thessaloniki, Greece
NEST	40.4147N	21.0489E	1056	Nestorio, Greece
FNA	40.7817N	21.3836E	806	Florina, Greece
IGT	39.5315N	20.3299E	262	Igoumenitsa, Greece
LKD2	38.7889N	20.6578E	485	Lefkada, Greece
PDG	42.4297N	19.2608E	40	Podgorica, Montenegro

MACROSEISMIC DATA

Macroseismic data, if available, are included in the bulletin.

Abbreviations:

TIME: Origin time in UTC (hr. min. and sec.) or data file onset time if event is not located.

LAT: Latitude of epicenter

LON: Longitude of epicenter

DEPTH: Focal depth in kilometer (trailing F indicates fixed depth)

AGENCY: Hypocenter reporting agency e.g. TIR (ASN), EMS (EMSC), etc

MAGNITUDES: Up to 3 different magnitudes can be given followed by type and reporting agency, e.g. 3.1 MC TIR - coda magnitude calculated in TIR.

RMS: Root mean square value of travel time residuals

STAT: Station code

CO: Component, S: short period, L: long period, B: broadband,

DIST: Epicenter distance (km)

AZI: Azimuth from source to station

PHAS: Phase; The first letter characterizes onset E(mergent) or I(mpulsive)

P: Polarity (C for compression, D for dilatation)

HR: Hour

MN: Minute

SECON: Seconds

TRES: Residual (seconds)

CODA: Signal duration in seconds

AMPL: Ground Amplitude ($0.5 * (\text{peak to peak})$), (nm) at period PERI

PERI: Period where amplitude is measured

BAZ: Back azimuth (station to event)

ARES: Back azimuth residual

VELO: Apparent phase velocity (km/sec)

WT: Weight of phase in the location

*: An asterix before the phase arrival time implies a potential timing error. If an S phase is read, differential S-P times will be used in the hypocenter location.

References:

- Ottmoller, Voss and Haskov (2017). Seisan Earthquake Analysis Software for Windows, Solaris, Linux and MacOSx. <http://seisan.info>.
- Hutton, L. K. and Boore, David M. (1987). The Ml scale in Southern California. Bull. of Seimological Society of America, 77 (6). pp. 2074-2094. ISSN 0037-1106, <https://resolver.caltech.edu/CaltechAUTHORS:20140905-113510505>.
- Havskov, J., Kuka, N., Duni, Ll., Dushi, E., Bozo, Rr. (2020). The Albanian Seismic Network, plans and progress towards improving data acquisition and processing. Status January 2020. Cooperation between the Albanian Seismic Network and the Iniversity of Bergen. <ftp://ftp.geo.uib.no/pub/seismo/REPORTS/ALBANIA/albania-uib-report-2.pdf>.

October 1 2022 Hour: 10:48 0.5 Lat: 40.10N Lon: 19.87E D: 15.4 Ag: TIR Local
 Magnitudes: 2.6ML TIR 3.0MW TIR Rms: 0.3 secs
 10 km E of Himare

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	27	155	EP		1048	5.666	-0.26							1.0
SRN	HE	27	155	ES		1048	0.158	-0.15							1.0
SRN	HZ	27	155	IAML		1048	1.544			438	0.1				
KEK	HZ	43	188	EP		1048	8.311	-0.23							1.0
KEK	HN	43	188	ES		1048	5.419	0.37							1.0
KEK	HZ	43	188	IAML		1048	6.965			275	0.2				
VLO	HZ	52	322	EP		1048	0.254	0.32							1.0
VLO	HN	52	322	ES		1048	7.750	0.19							1.0
VLO	HZ	52	322	IAML		1048	4.620			302	0.3				
LSK	HZ	63	85	EP		1048	1.402	-0.36							1.0
LSK	HN	63	85	ES		1048	0.083	-0.78							1.0
LSK	HZ	63	85	IAML		1048	3.187			171	0.5				
BERA	HZ	67	6	EP		1048	2.325	-0.18							1.0
BERA	HN	67	6	ES		1048	2.180	-0.03							1.0
BERA	HZ	67	6	IAML		1048	9.552			218	0.4				
IGT	HZ	74	148	EP		1048	3.859	0.18							1.0
IGT	HE	74	148	ES		1048	4.023	-0.32							1.0
IGT	HZ	74	148	IAML		1048	8.114			93	0.2				
JAN	HZ	97	120	EP		1048	7.806	0.29							1.0
JAN	HN	97	120	ES		1048	1.791	0.51							1.0
KBN	HZ	97	53	EP		1048	7.313	-0.23							1.0
KBN	HN	97	53	ES		1048	1.444	0.12							1.0
KBN	HZ	97	53	IAML		1048	6.948			38	0.7				
NEST	HZ	106	70	EP		1048	8.920	-0.13							1.0
NEST	HE	106	70	ES		1048	4.785	0.73							1.0
NEST	HZ	106	70	IAML		1048	7.177			46	0.4				
PENT	HZ	109	84	EP		1048	9.147	-0.30							1.0
PENT	HN	109	84	ES		1048	5.184	0.40							1.0
KZN	HZ	164	81	EP		1048	8.604	0.23							0.9
PHP	HZ	183	15	EP		1048	0.555	-0.22							0.9
PHP	HN	183	15	ES		1048	5.188	-0.10							0.9
PHP	HZ	183	15	IAML		1049	5.910			15	0.6				
PUK	HZ	216	1	EP		1048	4.989	-0.08							0.9
PUK	HZ	216	1	IAML		1049	4.736			10	0.4				

October 1 2022 Hour: 19:41 43.1 Lat: 39.77N Lon: 20.71E D: 8.3 Ag: TIR Local
 Magnitudes: 2.7ML TIR 3.2MW TIR Rms: 0.7 secs
 47 km E of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JAN	HZ	17	136	EP		1941	6.782	0.27							1.0
JAN	HN	17	136	ES		1941	0.137	0.83							1.0
IGT	HZ	42	231	EP		1941	0.296	-0.40							1.0
IGT	HN	42	231	ES		1941	7.123	0.25							1.0
IGT	HZ	42	231	IAML		1941	9.466			387	0.4				
LSK	HZ	43	347	EP		1941	0.772	-0.21							1.0
LSK	HN	43	347	ES		1941	7.780	0.37							1.0
LSK	HZ	43	347	IAML		1942	5.074			356	0.5				
SRN	HZ	62	282	EP		1941	3.948	-0.32							1.0
SRN	HN	62	282	ES		1942	3.547	0.20							1.0
SRN	HZ	62	282	IAML		1942	4.606			179	0.8				
NEST	HZ	77	22	EP		1941	6.575	-0.30							1.0
NEST	HN	77	22	ES		1942	8.053	-0.01							1.0
NEST	HZ	77	22	IAML		1942	0.607			159	0.2				
KEK	HZ	79	266	EP		1941	6.393	-0.66							1.0
KEK	HN	79	266	ES		1942	8.552	0.17							1.0
KEK	HZ	79	266	IAML		1942	0.958			72	0.5				
KBN	HZ	95	4	EP		1941	9.795	-0.05							1.0
KBN	HN	95	4	ES		1942	3.872	0.44							1.0
KBN	HZ	95	4	IAML		1942	9.156			54	0.4				

KZN	HZ	108	56	EP	1942	1.423	-0.61										1.0
KZN	HN	108	56	ES	1942	7.210	-0.20										1.0
LKD2	HZ	109	183	EP	1942	2.133	0.02										1.0
LKD2	HN	109	183	ES	1942	7.938	0.39										1.0
THL	HZ	114	101	EP	1942	2.126	-0.81										1.0
THL	HN	114	101	ES	1942	9.454	0.42										1.0
BERA	HZ	122	328	EP	1942	4.325	-0.01										1.0
BERA	HN	122	328	ES	1942	2.111	0.54										1.0
BERA	HZ	122	328	IAML	1942	6.137				45	0.1						0.9
PHP	HZ	214	354	EP	1942	7.551	-0.59										0.9
PHP	HN	214	354	ES	1942	8.507	1.95										0.9
PHP	HZ	214	354	IAML	1942	5.512				23	0.9						0.9
PUK	HZ	262	345	EP	1942	2.333	-1.96										0.9

October 1 2022 Hour: 23:12 43.4 Lat: 41.60N Lon: 20.14E D: 15.3 Ag: TIR Local
Magnitudes: 2.1ML TIR 2.6MW TIR Rms: 0.5 secs
10 km E of Burrel

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	27	70	EP		2312	9.176	0.32							1.0
PHP	HN	27	70	ES		2312	3.428	0.17							1.0
PHP	HZ	27	70	IAML		2312	4.865			229	0.2				
TIR	HZ	36	219	EP		2312	0.176	-0.15							1.0
TIR	HE	36	219	ES		2312	6.296	0.37							1.0
TIR	HZ	36	219	IAML		2312	8.323			48	0.3				
PUK	HZ	53	337	EP		2312	3.214	0.11							1.0
PUK	HE	53	337	ES		2313	1.250	0.30							1.0
PUK	HZ	53	337	IAML		2313	2.722			39	0.2				
SDA	HZ	73	313	EP		2312	6.133	-0.17							1.0
SDA	HN	73	313	ES		2313	6.798	0.05							1.0
SDA	HZ	73	313	IAML		2313	7.338			36	0.3				
BCI	HZ	85	356	EP		2312	7.995	-0.38							1.0
BCI	HN	85	356	ES		2313	0.579	0.08							1.0
BCI	HZ	85	356	IAML		2313	3.464			35	0.6				
BERA	HZ	101	189	EP		2313	0.608	-0.39							1.0
BERA	HE	101	189	ES		2313	4.625	-0.61							1.0
BERA	HZ	101	189	IAML		2313	5.842			20	0.4				
PDG	HZ	117	322	EP		2313	3.115	-0.58							1.0
PDG	HE	117	322	ES		2313	9.959	-0.17							1.0
PDG	HZ	117	322	IAML		2313	4.089			30	0.2				
KBN	HZ	121	153	EP		2313	4.666	0.25							1.0
KBN	HN	121	153	ES		2313	1.657	0.22							1.0
KBN	HZ	121	153	IAML		2313	4.443			9	0.5				
NEST	HZ	152	150	EP		2313	9.587	0.04							1.0
NEST	HE	152	150	ES		2313	0.558	-0.16							1.0
LSK	HZ	166	166	EP		2313	2.001	0.44							0.9
LSK	HN	166	166	ES		2313	4.707	0.35							0.9
PENT	HZ	177	151	EP		2313	3.660	0.61							0.9
SJES	BZ	185	356	EP		2313	4.708	0.66							0.9
SRN	HZ	192	184	EP		2313	5.018	0.28							0.9
BARS	BZ	193	45	EP		2313	5.408	0.40							0.9
IGT	HZ	230	176	EP		2313	0.099	0.35							0.9
PLG	HZ	310	115	EP		2313	8.920	-1.03							0.8
NVR	HZ	312	94	EP		2313	8.401	-1.91							0.8

October 2 2022 Hour: 3:38 29.1 Lat: 38.84N Lon: 21.26E D: 15.4 Ag: TIR Local
Magnitudes: 2.7ML TIR 3.5MW TIR Rms: 0.6 secs
130 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	53	264	EP		0338	8.689	-0.10							1.0
LKD2	HE	53	264	ES		0338	5.911	-0.69							1.0
VLS	HZ	95	219	EP		0338	5.465	-0.19							1.0
VLS	HE	95	219	ES		0338	8.835	-0.20							1.0
JAN	HZ	97	339	EP		0338	6.037	-0.03							1.0
JAN	HE	97	339	ES		0339	0.108	0.32							1.0

October 2 2022 Hour: 9:14 20.3 Lat: 40.09N Lon: 19.83E D: 22.6 Ag: TIR Local
Magnitudes: 2.1ML TIR 2.6MW TIR Rms: 0.4 secs
7 km E of Himare

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	27	148	EP		0914	6.083	-0.28							1.0
SRN	HE	27	148	ES		0914	1.469	0.15							1.0
SRN	HZ	27	148	IAML		0914	3.152			119	0.2				
KEK	HZ	42	184	EP		0914	8.296	-0.17							1.0
KEK	HN	42	184	ES		0914	4.912	-0.21							1.0
KEK	HZ	42	184	IAML		0914	7.873			111	0.2				
VLO	HZ	51	326	EP		0914	9.394	-0.45							1.0
VLO	HN	51	326	ES		0914	8.175	0.56							1.0
VLO	HZ	51	326	IAML		0914	1.728			116	0.2				
LSK	HZ	66	84	EP		0914	1.799	-0.46							1.0
LSK	HN	66	84	ES		0914	1.684	-0.29							1.0
LSK	HZ	66	84	IAML		0914	8.386			37	0.3				
BERA	HZ	69	8	EP		0914	2.916	0.22							1.0
BERA	HZ	69	8	IAML		0914	2.713			37	0.3				
IGT	HZ	75	145	EP		0914	3.785	0.04							1.0
IGT	HE	75	145	ES		0914	5.564	0.89							1.0
IGT	HZ	75	145	IAML		0914	9.601			29	0.6				
NEST	HZ	110	70	EP		0914	9.098	-0.17							1.0
NEST	HE	110	70	ES		0914	5.374	0.71							1.0
PENT	HZ	112	84	EP		0914	9.380	-0.25							1.0
PENT	HN	112	84	ES		0914	5.040	-0.29							1.0

October 2 2022 Hour: 22:23 5.6 Lat: 38.67N Lon: 19.87E D: 17.5 Ag: TIR Local
Magnitudes: 2.3ML TIR 2.8MW TIR Rms: 0.2 secs
113 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	70	78	EP		2223	7.707	-0.27							1.0
LKD2	HN	70	78	ES		2223	7.993	-0.05							1.0
VLS	HZ	83	131	EP		2223	0.338	0.18							1.0
VLS	HE	83	131	ES		2223	1.910	-0.08							1.0
IGT	HZ	104	22	EP		2223	3.662	-0.02							1.0
IGT	HN	104	22	ES		2223	8.542	0.19							1.0
IGT	HZ	104	22	IAML		2223	8.989			45	0.3				
KEK	HZ	116	357	EP		2223	5.577	-0.14							1.0
KEK	HN	116	357	ES		2223	2.338	0.28							1.0
KEK	HZ	116	357	IAML		2223	5.682			37	0.4				
SRN	HZ	135	5	EP		2223	9.098	0.31							1.0
SRN	HN	135	5	ES		2223	7.196	-0.41							1.0
SRN	HZ	135	5	IAML		2223	9.021			13	0.5				
JAN	HZ	139	37	EP		2223	9.552	0.17							1.0
JAN	HN	139	37	ES		2223	8.488	-0.20							1.0
LSK	HZ	176	21	EP		2223	4.767	-0.04							0.9
LSK	HN	176	21	ES		2223	8.422	-0.08							0.9
LSK	HZ	176	21	IAML		2224	3.808			13	0.5				
THL	HZ	210	61	EP		2223	9.167	0.09							0.9
THL	HN	210	61	ES		2224	6.710	0.48							0.9
NEST	HZ	219	27	EP		2223	9.934	-0.36							0.9
NEST	HE	219	27	ES		2224	8.408	-0.02							0.9
NEST	HZ	219	27	IAML		2224	8.538			10	0.6				

October 3 2022 Hour: 18:45 13.1 Lat: 39.58N Lon: 20.52E D: 10.1 Ag: TIR Local
Magnitudes: 2.1ML TIR 2.9MW TIR Rms: 0.4 secs
29 km E of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	17	252	EP		1845	6.902	0.22							1.0
IGT	HE	17	252	ES		1845	9.429	-0.11							1.0
IGT	HZ	17	252	IAML		1845	0.443			250	0.1				
JAN	HZ	30	73	EP		1845	8.690	-0.10							1.0
SRN	HZ	56	307	EP		1845	3.239	0.05							1.0

SRN	HN	56	307	ES		1845	0.994	-0.32									1.0
SRN	HE	56	307	ES		1845	2.070	0.75									1.0
SRN	HZ	56	307	IAML		1845	5.428			29	0.3						
KEK	HZ	64	284	EP		1845	4.633	0.10									1.0
KEK	HN	64	284	ES		1845	3.142	-0.61									1.0
KEK	HZ	64	284	IAML		1845	1.444			107	0.7						
LSK	HZ	64	6	EP		1845	4.403	-0.20									1.0
LSK	HN	64	6	ES		1845	4.108	0.23									1.0
PENT	HZ	87	38	EP		1845	7.931	-0.48									1.0
PENT	HN	87	38	ES		1845	1.543	0.76									1.0
LKD2	HZ	89	172	EP		1845	8.937	0.24									1.0
LKD2	HN	89	172	ES		1845	1.056	-0.23									1.0
NEST	HZ	103	26	EP		1845	0.789	-0.40									1.0
NEST	HE	103	26	ES		1845	5.487	-0.31									1.0
NEST	HZ	103	26	IAML		1845	3.753			16	0.4						
THL	HZ	128	90	EP		1845	5.887	0.55									1.0
THL	HE	128	90	ES		1845	2.812	-0.49									1.0
VLS	HZ	156	178	EP		1845	0.100	0.21									1.0
VLS	HE	156	178	ES		1846	1.717	0.17									1.0

October 3 2022 Hour: 20: 0 25.6 Lat: 39.31N Lon: 19.66E D: 84.5 Ag: TIR Local
Magnitudes: 2.1ML TIR Rms: 0.2 secs

15 km NW of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KEK	HZ	46	15	EP		2000	9.469	-0.17							1.0
KEK	HZ	46	15	IAML		2000	7.475			30	0.8				
IGT	HZ	63	67	EP		2000	0.919	0.03							1.0
SRN	HZ	70	24	EP		2000	1.381	-0.07							1.0
SRN	HE	70	24	ES		2000	4.461	0.17							1.0
SRN	HZ	70	24	IAML		2001	1.205			20	1.1				
LSK	HZ	123	40	EP		2000	7.308	0.23							1.0
LSK	HN	123	40	ES		2001	4.293	-0.19							1.0

October 4 2022 Hour: 7:49 29.9 Lat: 38.69N Lon: 19.96E D: 14.9 Ag: TIR Local
Magnitudes: 2.4ML TIR 2.8MW TIR Rms: 0.2 secs

109 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	62	79	EP		0749	0.872	-0.11							1.0
LKD2	HN	62	79	ES		0749	0.200	0.22							1.0
VLS	HZ	79	135	EP		0749	3.790	-0.03							1.0
VLS	HN	79	135	ES		0749	5.073	-0.05							1.0
IGT	HZ	99	19	EP		0749	7.301	0.14							1.0
IGT	HN	99	19	ES		0750	1.024	-0.14							1.0
IGT	HZ	99	19	IAML		0750	3.645			62	0.4				
KEK	HZ	115	353	EP		0749	9.907	0.20							1.0
KEK	HN	115	353	ES		0750	6.071	0.28							1.0
KEK	HZ	115	353	IAML		0750	6.782			53	0.3				
SRN	HZ	132	2	EP		0749	2.463	-0.19							1.0
SRN	HN	132	2	ES		0750	0.776	-0.34							1.0
SRN	HZ	132	2	IAML		0750	2.530			31	0.4				
LSK	HZ	172	19	EP		0749	9.026	0.24							0.9
LSK	HN	172	19	ES		0750	2.323	0.10							0.9
LSK	HZ	172	19	IAML		0750	0.466			21	0.2				
THL	HZ	203	61	EP		0750	2.611	-0.09							0.9
NEST	HZ	214	26	EP		0750	4.023	-0.16							0.9
NEST	HN	214	26	ES		0750	1.900	-0.09							0.9
NEST	HZ	214	26	IAML		0750	0.813			9	0.9				

October 4 2022 Hour: 18:20 2.2 Lat: 39.37N Lon: 20.60E D: 5.5 Ag: TIR Local
 Magnitudes: 2.0ML TIR 2.6MW TIR Rms: 0.6 secs

48 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	29	309	EP		1820	7.165	-0.33							1.0
IGT	HN	29	309	ES		1820	2.537	0.73							1.0
IGT	HZ	29	309	IAML		1820	6.407			79	0.1				
JAN	HZ	39	34	EP		1820	8.706	-0.49							1.0
JAN	HN	39	34	ES		1820	4.897	0.02							1.0
LKD2	HZ	65	175	EP		1820	3.422	-0.32							1.0
LKD2	HN	65	175	ES		1820	3.669	0.56							1.0
SRN	HZ	77	318	EP		1820	4.747	-1.13							1.0
SRN	HN	77	318	ES		1820	7.003	0.02							1.0
SRN	HZ	77	318	IAML		1820	9.291			10	0.4				
KEK	HZ	79	299	EP		1820	5.466	-0.79							1.0
KEK	HN	79	299	ES		1820	7.837	0.19							1.0
KEK	HZ	79	299	IAML		1820	1.834			39	0.5				
LSK	HZ	87	0	EP		1820	7.950	0.22							1.0
LSK	HN	87	0	ES		1820	0.763	0.44							1.0
LSK	HZ	87	0	IAML		1820	3.914			28	0.6				
PENT	HZ	103	27	EP		1820	9.629	-0.84							1.0
PENT	HN	103	27	ES		1820	5.278	-0.01							1.0
NEST	HZ	123	18	EP		1820	3.325	-0.39							1.0
NEST	HE	123	18	ES		1820	1.532	0.36							1.0
NEST	HZ	123	18	IAML		1820	6.592			24	0.2				
THL	HZ	124	79	EP		1820	4.547	0.65							1.0
THL	HN	124	79	ES		1820	1.363	-0.12							1.0
VLS	HZ	132	180	EP		1820	5.507	0.22							1.0
VLS	HN	132	180	ES		1820	3.760	-0.24							1.0
BERA	HZ	158	340	EP		1820	1.611	2.01							0.9
BERA	HN	158	340	ES		1820	1.204	-0.62							0.9
BERA	HZ	158	340	IAML		1820	3.341			8	0.2				

October 4 2022 Hour: 22: 8 35.1 Lat: 38.87N Lon: 20.66E D: 42.2 Ag: TIR Local
 Magnitudes: 2.2ML TIR Rms: 0.3 secs

97 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	9	179	EP		2208	2.618	0.29							1.0
LKD2	HN	9	179	ES		2208	7.992	-0.15							1.0
VLS	HZ	77	184	EP		2208	9.341	0.02							1.0
VLS	HN	77	184	ES		2209	0.542	-0.27							1.0
IGT	HZ	79	339	EP		2208	9.691	0.07							1.0
IGT	HZ	79	339	IAML		2209	2.226			57	0.2				
JAN	HZ	89	11	EP		2208	1.442	0.47							1.0
JAN	HN	89	11	ES		2209	3.366	-0.42							1.0
KEK	HZ	120	322	EP		2208	4.838	0.03							1.0
KEK	HN	120	322	ES		2209	1.134	0.39							1.0
KEK	HZ	120	322	IAML		2209	3.882			40	0.3				
SRN	HZ	126	334	EP		2208	5.414	-0.17							1.0
SRN	HN	126	334	ES		2209	1.974	-0.17							1.0
SRN	HZ	126	334	IAML		2209	9.677			11	0.3				
THL	HZ	141	56	EP		2208	7.675	0.19							1.0
LSK	HZ	143	358	EP		2208	8.040	0.20							1.0
LSK	HN	143	358	ES		2209	5.839	-0.39							1.0
PENT	HZ	153	16	EP		2208	9.171	-0.07							1.0
PENT	HE	153	16	ES		2209	8.583	-0.18							1.0
NEST	HZ	175	11	EP		2209	2.250	0.21							0.9
NEST	HN	175	11	ES		2209	4.124	0.30							0.9
NEST	HZ	175	11	IAML		2209	0.085			12	0.2				
BERA	HZ	213	344	EP		2209	6.267	-0.46							0.9
BERA	HZ	213	344	IAML		2209	1.246			8	0.2				
ITM	HZ	218	149	EP		2209	7.682	0.24							0.9
ITM	HN	218	149	ES		2209	3.440	-0.16							0.9

October 5 2022 Hour: 0: 9 55.5 Lat: 41.15N Lon: 19.90E D: 18.5 Ag: TIR Local
 Magnitudes: 2.5ML TIR 2.9MW TIR Rms: 0.4 secs
 15 km NW of Cerrik

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	22	352	EP		0010	0.976	0.39							1.0
TIR	HZ	22	352	IAML		0010	5.630			218	0.1				
BERA	HZ	50	175	EP		0010	4.240	-0.50							1.0
BERA	HN	50	175	ES		0010	1.536	-0.65							1.0
BERA	HZ	50	175	IAML		0010	2.516			261	0.1				
BPA2	HZ	52	207	EP		0010	5.041	-0.09							1.0
PHP	HZ	75	37	EP		0010	7.991	-0.84							1.0
PHP	HN	75	37	ES		0010	9.425	-0.17							1.0
PHP	HZ	75	37	IAML		0010	1.891			41	0.2				
VLO	HZ	83	204	EP		0010	0.282	0.12							1.0
VLO	HN	83	204	ES		0010	2.438	0.43							1.0
VLO	HZ	83	204	IAML		0010	9.740			140	0.5				
KBN	HZ	95	128	EP		0010	2.131	-0.04							1.0
KBN	HN	95	128	ES		0010	5.567	-0.08							1.0
KBN	HZ	95	128	IAML		0010	0.194			23	0.4				
PUK	HZ	99	360	EP		0010	3.124	0.22							1.0
PUK	HN	99	360	ES		0010	7.175	0.20							1.0
PUK	HZ	99	360	IAML		0010	2.825			65	0.2				
SDA	HZ	105	342	EP		0010	4.143	0.26							1.0
SDA	HN	105	342	ES		0010	8.606	-0.14							1.0
SDA	HZ	105	342	IAML		0010	3.403			25	0.1				
LSK	HZ	126	152	EP		0010	7.016	-0.28							1.0
LSK	HZ	126	152	IAML		0010	6.812			38	0.7				
NEST	HZ	127	130	EP		0010	7.787	0.33							1.0
NEST	HE	127	130	ES		0010	5.251	0.04							1.0
NEST	HZ	127	130	IAML		0010	1.846			38	0.3				
BCI	HZ	136	6	EP		0010	8.782	-0.08							1.0
BCI	HE	136	6	ES		0010	7.879	0.12							1.0
BCI	HZ	136	6	IAML		0010	3.194			57	0.6				
SRN	HZ	141	177	EP		0010	0.121	0.46							1.0
SRN	HE	141	177	ES		0010	9.038	-0.16							1.0
SRN	HZ	141	177	IAML		0010	2.767			26	0.4				
PENT	HE	149	135	ES		0010	1.290	-0.25							1.0
PDG	HZ	152	340	EP		0010	1.622	0.29							1.0
PDG	HE	152	340	ES		0010	1.402	-0.82							1.0
PDG	HZ	152	340	IAML		0010	3.257			71	0.4				
KEK	HZ	160	183	EP		0010	2.149	-0.33							0.9
KEK	HN	160	183	ES		0010	4.247	-0.06							0.9
KEK	HZ	160	183	IAML		0010	8.400			40	0.2				
IGT	HZ	183	168	EP		0010	5.861	0.36							0.9
IGT	HN	183	168	ES		0010	9.181	-0.59							0.9
IGT	HZ	183	168	IAML		0010	7.911			24	0.7				
KZN	HZ	184	120	EP		0010	6.314	0.69							0.9
TIR	HE			ES		0010	5.202								
LSK	HN			ES		0010	4.197								
PENT	HZ			EP		0010	1.969								

October 5 2022 Hour: 0:27 42.3 Lat: 40.70N Lon: 20.76E D: 10.6 Ag: TIR Local
 Magnitudes: 2.2ML TIR Rms: 0.2 secs
 5 km E of Maliq

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	9	165	EP		0027	5.003	0.18							1.0
KBN	HE	9	165	ES		0027	6.661	-0.23							1.0
KBN	HZ	9	165	IAML		0027	7.139			311	0.1				
NEST	HZ	40	142	EP		0027	9.877	0.20							1.0
NEST	HN	40	142	ES		0027	5.626	-0.04							1.0
NEST	HZ	40	142	IAML		0027	6.242			143	0.2				
LSK	HZ	62	193	EP		0027	3.500	0.03							1.0
LSK	HN	62	193	ES		0028	2.292	-0.24							1.0

LSK	HZ	62	193	IAML	0028	6.058			55	0.4						
PENT	HZ	64	150	EP	0027	4.033	0.25									1.0
PENT	HE	64	150	ES	0028	3.283	0.18									1.0
BERA	HZ	69	271	EP	0027	4.590	0.13									1.0
BERA	HE	69	271	ES	0028	4.205	-0.12									1.0
BERA	HZ	69	271	IAML	0028	6.697			50	0.2						
KZN	HZ	96	117	EP	0027	8.628	-0.43									1.0
PHP	HZ	113	346	EP	0028	1.862	-0.00									1.0
PHP	HN	113	346	ES	0028	7.505	-0.22									1.0
IGT	HZ	134	196	EP	0028	5.517	0.08									1.0
THL	HZ	165	139	EP	0028	0.434	-0.08									0.9
PUK	HZ	166	334	EP	0028	1.091	0.34									0.9
PUK	HZ	166	334	IAML	0028	9.033			5	0.5						

October 5 2022 Hour: 1:27 1.7 Lat: 38.92N Lon: 21.24E D: 12.3 Ag: TIR Local
Magnitudes: 2.5ML TIR 3.4MW TIR Rms: 0.4 secs
123 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	53	254	EP		0127	1.641	0.44							1.0
LKD2	HE	53	254	ES		0127	9.485	0.56							1.0
JAN	HZ	89	338	EP		0127	7.390	0.21							1.0
JAN	HN	89	338	ES		0127	9.540	-0.20							1.0
THL	HZ	98	43	EP		0127	8.933	0.24							1.0
THL	HN	98	43	ES		0127	2.391	-0.10							1.0
VLS	HZ	100	215	EP		0127	8.658	-0.41							1.0
VLS	HN	100	215	ES		0127	2.718	-0.44							1.0
IGT	HZ	104	311	EP		0127	9.773	0.05							1.0
IGT	HN	104	311	ES		0127	4.616	0.26							1.0
IGT	HZ	104	311	IAML		0127	0.775		50	0.5					
PENT	HZ	142	356	EP		0127	6.450	0.33							1.0
LSK	HZ	147	338	EP		0127	7.020	0.01							1.0
LSK	HN	147	338	ES		0127	6.416	-1.13							1.0
LSK	HZ	147	338	IAML		0127	2.602		53	0.8					
SRN	HZ	151	315	EP		0127	7.337	-0.22							1.0
SRN	HZ	151	315	IAML		0127	5.991		26	0.6					
KEK	HZ	153	306	EP		0127	7.468	-0.35							1.0
KEK	HE	153	306	ES		0127	8.950	-0.05							1.0
KEK	HZ	153	306	IAML		0127	2.180		66	0.5					
KZN	HZ	161	16	EP		0127	9.082	-0.12							0.9
KZN	HN	161	16	ES		0127	1.440	-0.07							0.9
NEST	HZ	167	354	EP		0127	0.458	0.20							0.9
NEST	HE	167	354	ES		0127	4.399	0.97							0.9
NEST	HZ	167	354	IAML		0128	1.205		33	0.7					
KBN	HZ	193	349	EP		0127	3.941	0.31							0.9
KBN	HE	193	349	ES		0127	9.005	-0.53							0.9
KBN	HZ	193	349	IAML		0128	2.363		18	1.1					

October 5 2022 Hour: 3:31 48.9 Lat: 38.91N Lon: 21.25E D: 23.6 Ag: TIR Local
Magnitudes: 2.2ML TIR Rms: 0.4 secs
124 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	53	255	EP		0331	9.037	0.11							1.0
LKD2	HE	53	255	ES		0332	7.012	-0.00							1.0
JAN	HZ	89	338	EP		0332	4.715	0.06							1.0
JAN	HN	89	338	ES		0332	6.851	-0.54							1.0
THL	HZ	98	42	EP		0332	6.260	0.25							1.0
THL	HE	98	42	ES		0332	9.311	-0.52							1.0
VLS	HZ	100	215	EP		0332	5.783	-0.48							1.0
VLS	HN	100	215	ES		0332	9.995	-0.31							1.0
IGT	HZ	105	311	EP		0332	7.477	0.43							1.0
IGT	HN	105	311	ES		0332	1.819	0.10							1.0
IGT	HZ	105	311	IAML		0332	5.641		18	0.3					
PENT	HZ	143	356	EP		0332	3.790	0.68							1.0
PENT	HN	143	356	ES		0332	2.129	-0.57							1.0

LSK	HZ	148	338	EP		0332	3.740	-0.20									1.0
LSK	HN	148	338	ES		0332	3.767	-0.43									1.0
SRN	HZ	152	315	EP		0332	4.244	-0.04									1.0
KEK	HZ	153	306	EP		0332	4.748	0.25									1.0
KZN	HZ	161	16	EP		0332	5.612	0.01									0.9
NEST	HZ	168	354	EP		0332	7.451	1.01									0.9
NEST	HE	168	354	ES		0332	9.062	0.33									0.9
NEST	HZ	168	354	IAML		0332	7.512				15	0.9					

October 5 2022 Hour: 3:41 59.0 Lat: 38.91N Lon: 21.26E D: 12.1 Ag: TIR Local
Magnitudes: 2.1ML TIR 2.7MW TIR Rms: 0.3 secs

124 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	54	256	EP		0342	9.204	0.48							1.0
LKD2	HE	54	256	ES		0342	6.622	0.05							1.0
JAN	HZ	90	337	EP		0342	4.940	0.15							1.0
JAN	HN	90	337	ES		0342	7.726	0.17							1.0
THL	HZ	98	42	EP		0342	6.176	0.12							1.0
THL	HN	98	42	ES		0342	9.852	0.01							1.0
VLS	HZ	100	216	EP		0342	6.058	-0.35							1.0
VLS	HE	100	216	ES		0342	0.422	-0.07							1.0
IGT	HZ	106	311	EP		0342	7.527	0.16							1.0
IGT	HE	106	311	ES		0342	2.188	-0.04							1.0
IGT	HZ	106	311	IAML		0342	7.759				16	0.6			
PENT	HZ	143	356	EP		0342	3.888	0.21							1.0
LSK	HZ	149	338	EP		0342	4.648	0.02							1.0
LSK	HN	149	338	ES		0342	4.651	-0.70							1.0
KEK	HZ	154	306	EP		0342	4.994	-0.47							1.0
KEK	HN	154	306	ES		0342	7.111	0.24							1.0
KEK	HZ	154	306	IAML		0342	4.412				40	1.0			
NEST	HZ	168	354	EP		0342	7.596	-0.23							0.9
NEST	HE	168	354	ES		0342	1.345	0.19							0.9
NEST	HZ	168	354	IAML		0342	9.732				10	0.6			

October 5 2022 Hour: 3:46 36.7 Lat: 38.92N Lon: 21.22E D: 12.0 Ag: TIR Local
Magnitudes: 2.3ML TIR Rms: 0.5 secs

120 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	51	254	EP		0346	6.474	0.55							1.0
LKD2	HN	51	254	ES		0346	3.465	0.08							1.0
JAN	HZ	88	339	EP		0346	2.232	0.07							1.0
JAN	HN	88	339	ES		0347	4.412	-0.28							1.0
VLS	HZ	99	214	EP		0346	3.272	-0.60							1.0
VLS	HE	99	214	ES		0347	7.679	-0.11							1.0
THL	HZ	100	43	EP		0346	4.208	0.21							1.0
THL	HN	100	43	ES		0347	7.269	-0.74							1.0
IGT	HZ	103	312	EP		0346	4.903	0.32							1.0
IGT	HN	103	312	ES		0347	9.307	0.25							1.0
IGT	HZ	103	312	IAML		0347	5.027				29	0.6			
PENT	HZ	142	357	EP		0347	1.515	0.30							1.0
PENT	HE	142	357	ES		0347	0.656	-0.41							1.0
LSK	HZ	147	339	EP		0347	2.648	0.65							1.0
LSK	HZ	147	339	IAML		0347	8.182				29	0.7			
SRN	HZ	150	316	EP		0347	2.964	0.54							1.0
SRN	HZ	150	316	IAML		0347	1.727				18	0.9			
KEK	HZ	151	306	EP		0347	2.344	-0.30							1.0
KEK	HN	151	306	ES		0347	2.264	-1.39							1.0
KEK	HZ	151	306	IAML		0347	2.529				47	0.7			
NEST	HZ	167	355	EP		0347	5.600	0.26							0.9
NEST	HN	167	355	ES		0347	9.184	0.65							0.9
NEST	HZ	167	355	IAML		0347	5.442				16	0.5			

October 5 2022 Hour: 3:52 35.7 Lat: 38.90N Lon: 21.26E D: 17.5 Ag: TIR Local
Magnitudes: 2.1ML TIR Rms: 0.3 secs
127 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	54	256	EP		0352	5.854	0.26							1.0
LKD2	HE	54	256	ES		0352	3.848	0.26							1.0
JAN	HZ	91	337	EP		0352	1.708	0.08							1.0
JAN	HN	91	337	ES		0353	4.036	-0.48							1.0
VLS	HZ	100	216	EP		0352	2.604	-0.53							1.0
VLS	HE	100	216	ES		0353	7.109	-0.13							1.0
IGT	HZ	106	311	EP		0352	4.162	-0.04							1.0
IGT	HE	106	311	ES		0353	9.085	-0.09							1.0
IGT	HZ	106	311	IAML		0353	4.486		18	0.4					
PENT	HZ	144	356	EP		0353	0.909	0.54							1.0
SRN	HZ	153	315	EP		0353	2.413	0.61							1.0
KEK	HZ	155	306	EP		0353	1.886	-0.17							1.0
KEK	HZ	155	306	IAML		0353	0.331		45	1.1					
NEST	HZ	169	354	EP		0353	4.120	0.12							0.9
NEST	HN	169	354	ES		0353	6.540	-0.37							0.9
NEST	HZ	169	354	IAML		0353	6.519		11	0.5					

October 5 2022 Hour: 5:29 14.3 Lat: 38.91N Lon: 21.26E D: 11.0 Ag: TIR Local
Magnitudes: 2.3ML TIR Rms: 0.4 secs
125 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	54	256	EP		0529	4.268	0.17							1.0
LKD2	HE	54	256	ES		0529	2.206	0.17							1.0
JAN	HZ	90	337	EP		0529	0.388	0.35							1.0
JAN	HN	90	337	ES		0529	2.343	-0.45							1.0
THL	HZ	97	42	EP		0529	1.024	-0.17							1.0
THL	HN	97	42	ES		0529	4.948	0.07							1.0
VLS	HZ	101	216	EP		0529	1.144	-0.63							1.0
VLS	HE	101	216	ES		0529	5.809	-0.13							1.0
IGT	HZ	106	311	EP		0529	2.797	0.13							1.0
IGT	HE	106	311	ES		0529	7.995	0.43							1.0
PENT	HZ	143	356	EP		0529	9.243	0.36							1.0
SRN	HZ	153	315	EP		0529	9.966	-0.52							1.0
SRN	HE	153	315	ES		0530	1.678	-0.04							1.0
SRN	HZ	153	315	IAML		0530	8.791		18	0.9					
NEST	HZ	168	354	EP		0529	3.493	0.46							0.9
NEST	HE	168	354	ES		0530	5.789	-0.54							0.9
NEST	HZ	168	354	IAML		0530	3.827		16	0.8					
ITM	HZ	201	163	EP		0529	7.703	0.38							0.9

October 5 2022 Hour: 8:16 53.5 Lat: 39.40N Lon: 20.39E D: 6.6 Ag: TIR Local
Magnitudes: 2.5ML TIR Rms: 0.7 secs
33 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	16	342	EP		0816	5.614	-1.00							1.0
IGT	HE	16	342	ES		0817	0.162	1.05							1.0
IGT	HZ	16	342	IAML		0817	0.626		586	0.5					
JAN	HZ	49	54	EP		0817	1.786	-0.60							1.0
JAN	HN	49	54	ES		0817	0.367	0.81							1.0
KEK	HZ	62	305	EP		0817	4.525	-0.10							1.0
KEK	HE	62	305	ES		0817	3.251	-0.35							1.0
KEK	HZ	62	305	IAML		0817	7.802		214	0.4					
SRN	HZ	63	328	EP		0817	4.238	-0.64							1.0
SRN	HN	63	328	ES		0817	3.934	-0.12							1.0
SRN	HZ	63	328	IAML		0817	2.444		56	0.4					
LKD2	HZ	71	161	EP		0817	6.383	0.01							1.0
LKD2	HN	71	161	ES		0817	7.019	0.26							1.0
LSK	HZ	85	12	EP		0817	8.436	-0.39							1.0
LSK	HN	85	12	ES		0817	0.709	-0.50							1.0

LSK	HZ	85	12	IAML	0817	6.636			83	0.6				
PENT	HZ	109	36	EP	0817	2.448-0.39								1.0
PENT	HN	109	36	ES	0817	8.014-0.45								1.0
NEST	HZ	126	26	EP	0817	6.044 0.41								1.0
NEST	HN	126	26	ES	0817	3.627 0.10								1.0
NEST	HZ	126	26	IAML	0817	0.616			51	0.5				
VLS	HZ	137	173	EP	0817	7.961 0.64								1.0
VLS	HE	137	173	ES	0817	6.538-0.04								1.0
KBN	HZ	140	14	EP	0817	8.679 0.71								1.0
KBN	HN	140	14	ES	0817	8.035 0.28								1.0
KBN	HZ	140	14	IAML	0817	5.601			30	1.1				
THL	HZ	141	82	EP	0817	8.496 0.45								1.0
THL	HN	141	82	ES	0817	8.484 0.60								1.0
BERA	HZ	150	346	EP	0817	9.822 0.34								1.0
BERA	HN	150	346	ES	0817	0.065-0.43								1.0
BERA	HZ	150	346	IAML	0817	9.455			33	0.5				
KZN	HZ	155	49	EP	0817	0.347-0.15								1.0
KZN	HN	155	49	ES	0817	3.010 0.68								1.0
SCTE	HZ	181	295	EP	0817	4.209-0.33								0.9
SCTE	HE	181	295	ES	0817	1.607 1.96								0.9
PHP	HZ	254	1	EP	0817	3.892-0.08								0.9
PHP	HZ	254	1	IAML	0818	6.970			7	0.8				
ITM	HZ	281	151	EP	0817	5.744-1.60								0.8
PLG	HZ	283	67	EP	0817	7.206-0.45								0.8
PLG	HE	283	67	ES	0818	2.211-1.18								0.8

October 5 2022 Hour: 9:47 9.6 Lat: 41.40N Lon: 19.93E D: 32.9 Ag: TIR Local
Magnitudes: 3.4ML TIR 3.6MW TIR Rms: 0.8 secs
12 km NE of Tirane

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	8	226	EP	C	0947	4.989-0.36								1.0
TIR	HN	8	226	ES		0947	9.404-0.59								1.0
TIR	HZ	8	226	IAML		0947	0.920			1384	0.3				
PHP	HZ	53	53	EP	D	0947	9.713-0.40								1.0
PHP	HN	53	53	ES		0947	8.239-0.38								1.0
PHP	HZ	53	53	IAML		0947	8.262			794	0.5				
PUK	HZ	72	357	EP	D	0947	2.651-0.22								1.0
PUK	HN	72	357	ES		0947	3.598-0.01								1.0
PUK	HZ	72	357	IAML		0947	5.183			484	0.6				
BERA	HZ	77	179	EP	C	0947	3.238-0.42								1.0
BERA	HE	77	179	ES		0947	4.933-0.10								1.0
BERA	HZ	77	179	IAML		0947	7.331			583	0.2				
BPA2	HZ	79	200	EP	C	0947	3.928 0.04								1.0
BPA2	HN	79	200	ES		0947	5.553 0.11								1.0
SDA	HZ	81	334	EP	C	0947	4.434 0.25								1.0
SDA	HN	81	334	ES		0947	6.112 0.13								1.0
SDA	HZ	81	334	IAML		0947	0.423			118	0.2				
BCI	HZ	108	6	EP	C	0947	8.348-0.07								1.0
BCI	HN	108	6	ES		0947	3.505-0.14								1.0
BCI	HZ	108	6	IAML		0947	9.205			535	0.4				
VLO	HZ	110	200	EP	C	0947	0.019 1.38								1.0
VLO	HE	110	200	ES		0947	4.043-0.01								1.0
VLO	HZ	110	200	IAML		0947	8.396			1277	0.8				
KBN	HZ	112	140	EP	D	0947	0.222 1.16								1.0
KBN	HN	112	140	ES		0947	4.325-0.49								1.0
KBN	HZ	112	140	IAML		0947	4.780			196	0.6				
PDG	HZ	127	334	EP	C	0947	1.522 0.52								1.0
PDG	HN	127	334	ES		0947	8.025-0.29								1.0
PDG	HZ	127	334	IAML		0947	9.844			350	0.5				
NEST	HZ	144	139	EP	D	0947	4.527 1.27								1.0
NEST	HN	144	139	ES		0947	2.357-0.05								1.0
NEST	HZ	144	139	IAML		0947	5.658			256	0.5				
LSK	HZ	150	158	EP	D	0947	4.892 0.93								1.0
LSK	HN	150	158	ES		0947	3.364-0.31								1.0

LSK	HZ	150	158	IAML		0948	2.646			227	0.5		
PENT	HZ	168	142	EP	D	0947	8.127	1.82					0.9
PENT	HE	168	142	ES		0947	7.666	-0.27					0.9
SRN	HZ	169	178	EP		0947	6.474	0.18					0.9
SRN	HE	169	178	ES		0947	7.739	-0.17					0.9
SRN	HZ	169	178	IAML		0948	6.398			154	0.4		
KEK	HZ	188	184	EP		0947	8.423	-0.32					0.9
KEK	HN	188	184	ES		0948	1.962	-0.37					0.9
KEK	HZ	188	184	IAML		0948	3.045			222	0.5		
SCTE	HZ	193	221	EP		0947	8.529	-0.83					0.9
SCTE	HE	193	221	ES		0948	3.370	-0.08					0.9
KZN	HZ	197	127	EP		0947	0.999	1.01					0.9
KZN	HN	197	127	ES		0948	4.032	-0.55					0.9
SJES	BZ	207	1	EP	C	0947	3.091	1.75					0.9
JAN	HZ	208	158	EP		0947	1.725	0.27					0.9
JAN	HN	208	158	ES		0948	7.620	0.39					0.9
IGT	HZ	210	171	EP		0947	1.464	-0.16					0.9
IGT	HN	210	171	ES		0948	7.758	0.22					0.9
IGT	HZ	210	171	IAML		0948	2.555			132	0.4		
BARS	BZ	221	44	EP		0947	3.240	0.16					0.9
BOSS	SZ	242	59	EP		0947	5.835	-0.00					0.9
BOSS	SN	242	59	ES		0948	3.620	-1.55					0.9
THL	HN	269	138	ES		0948	0.769	-0.50					0.9
THE	HZ	269	107	EP		0947	8.613	-0.51					0.9
THL	HZ	269	138	EP		0947	0.420	1.21					0.9
THE	HZ	269	107	IAML		0948	9.874			28	1.0		
LKD2	HZ	296	168	EP		0947	1.744	-0.96					0.8
LKD2	HN	296	168	ES		0948	7.226	-0.37					0.8
PLG	HZ	317	110	EP		0947	5.653	0.29					0.8
NVR	HZ	329	90	EP		0947	7.214	0.32					0.8
VLS	HZ	362	171	EP		0947	8.892	-2.23					0.8
TIP	HZ	366	229	EP		0947	9.579	-2.05					0.8
BZS	HZ	489	16	EP		0948	6.811	-0.50					0.7

October 6 2022 Hour: 6:17 47.1 Lat: 39.34N Lon: 20.49E D: 2.0F Ag: TIR Local
Magnitudes: 2.2ML TIR 2.8MW TIR Rms: 0.3 secs

44 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	25	328	EP		0617	1.498	-0.12							1.0
IGT	HN	25	328	ES		0617	5.102	-0.20							1.0
IGT	HZ	25	328	IAML		0617	5.239			858	0.3				
JAN	HZ	47	41	EP		0617	5.439	-0.02							1.0
JAN	HE	47	41	ES		0618	2.459	0.21							1.0
LKD2	HZ	63	167	EP		0617	8.344	0.04							1.0
LKD2	HN	63	167	ES		0618	7.637	0.24							1.0
KEK	HZ	73	305	EP		0617	9.889	-0.13							1.0
KEK	HN	73	305	ES		0618	0.586	0.07							1.0
KEK	HZ	73	305	IAML		0618	7.064			80	0.4				
SRN	HZ	73	325	EP		0618	0.166	0.01							1.0
SRN	HE	73	325	ES		0618	1.166	0.40							1.0
SRN	HZ	73	325	IAML		0618	9.193			21	0.5				
PENT	HZ	110	30	EP		0618	5.872	-0.86							1.0
PENT	HN	110	30	ES		0618	2.373	-0.29							1.0
NEST	HZ	129	22	EP		0618	0.197	0.35							1.0
NEST	HN	129	22	ES		0618	8.802	0.51							1.0
NEST	HZ	129	22	IAML		0618	6.305			13	0.5				
VLS	HZ	129	176	EP		0618	9.851	-0.08							1.0
VLS	HN	129	176	ES		0618	8.443	-0.01							1.0
THL	HZ	134	79	EP		0618	0.266	-0.35							1.0
THL	HN	134	79	ES		0618	9.926	0.25							1.0

October 6 2022 Hour: 13:48 41.6 Lat: 39.11N Lon: 21.41E D: 29.1 Ag: TIR Local
Magnitudes: 2.2ML TIR Rms: 0.0 secs
122 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	149	306	EP		1349	6.052	-0.00							1.0
SRN	HZ	149	306	IAML		1349	2.870			11	0.2				
KEK	HZ	154	296	EP		1349	6.828	0.00							1.0
KEK	HZ	154	296	IAML		1349	9.726			16	0.6				
ITM	HZ	219	168	EP		1349	5.139	0.00							0.9

October 6 2022 Hour: 17:18 16.7 Lat: 39.80N Lon: 21.36E D: 1.4 Ag: TIR Local
Magnitudes: 2.6ML TIR 3.2MW TIR Rms: 0.3 secs
81 km SE of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JAN	HZ	46	250	EP		1718	5.438	0.49							1.0
JAN	HN	46	250	ES		1718	1.706	0.07							1.0
PENT	HZ	48	337	EP		1718	5.475	0.28							1.0
PENT	HE	48	337	ES		1718	2.305	0.23							1.0
THL	HZ	62	115	EP		1718	7.387	-0.45							1.0
THL	HN	62	115	ES		1718	6.930	0.07							1.0
KZN	HZ	66	32	EP		1718	8.369	-0.18							1.0
KZN	HE	66	32	ES		1718	8.142	0.00							1.0
NEST	HZ	73	339	EP		1718	9.698	-0.02							1.0
NEST	HE	73	339	ES		1718	0.386	0.12							1.0
NEST	HZ	73	339	IAML		1718	3.821			97	0.4				
LSK	HZ	75	301	EP		1718	9.753	-0.40							1.0
LSK	HE	75	301	ES		1718	0.835	-0.22							1.0
LSK	HZ	75	301	IAML		1718	5.536			126	0.6				
IGT	HZ	93	252	EP		1718	3.567	0.30							1.0
IGT	HN	93	252	ES		1718	6.268	-0.41							1.0
IGT	HZ	93	252	IAML		1718	1.960			64	0.2				
SRN	HZ	116	275	EP		1718	7.551	0.15							1.0
SRN	HN	116	275	ES		1718	4.079	-0.10							1.0
SRN	HZ	116	275	IAML		1718	5.057			67	0.5				
LKD2	HZ	128	208	EP		1718	9.662	0.35							1.0
LKD2	HN	128	208	ES		1718	7.324	-0.31							1.0
KEK	HZ	134	266	EP		1718	0.320	-0.01							1.0
KEK	HN	134	266	ES		1718	9.457	-0.02							1.0
KEK	HZ	134	266	IAML		1719	2.604			130	0.5				
BERA	HZ	156	310	EP		1718	3.785	-0.23							1.0
PLG	HZ	189	70	EP		1718	9.326	-0.11							0.9
VLS	HZ	192	200	EP		1718	0.239	0.43							0.9
PUK	HZ	278	334	EP		1719	0.752	-0.08							0.8
ITM	HZ	295	170	EP		1719	3.132	0.09							0.8

October 6 2022 Hour: 21:29 56.8 Lat: 39.80N Lon: 21.36E D: 6.0 Ag: TIR Local
Magnitudes: 2.0ML TIR 2.8MW TIR Rms: 0.3 secs
81 km SE of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JAN	HZ	46	250	EP		2130	5.410	0.24							1.0
JAN	HN	46	250	ES		2130	1.903	-0.02							1.0
PENT	HZ	48	337	EP		2130	5.702	0.27							1.0
PENT	HN	48	337	ES		2130	2.578	0.18							1.0
THL	HZ	62	115	EP		2130	7.458	-0.55							1.0
THL	HN	62	115	ES		2130	7.357	0.30							1.0
KZN	HZ	66	32	EP		2130	8.353	-0.40							1.0
KZN	HE	66	32	ES		2130	8.608	0.21							1.0
NEST	HZ	73	339	EP		2130	0.048	0.11							1.0
NEST	HE	73	339	ES		2130	0.297	-0.24							1.0
NEST	HZ	73	339	IAML		2130	2.708			35	0.3				
LSK	HZ	75	301	EP		2130	9.990	-0.37							1.0
LSK	HN	75	301	ES		2130	1.236	-0.08							1.0
IGT	HZ	93	252	EP		2130	3.704	0.36							1.0

IGT	HN	93	252	ES		2130	6.311	-0.41									1.0
IGT	HZ	93	252	IAML		2130	1.997		10	0.3							
SRN	HZ	116	275	EP		2130	7.417	0.16									1.0
SRN	HN	116	275	ES		2130	3.835	0.03									1.0
SRN	HZ	116	275	IAML		2130	8.350		12	0.2							
KEK	HZ	134	266	EP		2130	0.392	0.20									1.0
KEK	HN	134	266	ES		2130	9.142	0.04									1.0
KEK	HZ	134	266	IAML		2130	2.687		21	0.4							

October 8 2022 Hour: 12:45 10.8 Lat: 39.44N Lon: 20.55E D: 15.0 Ag: TIR Local
Magnitudes: 2.9ML TIR 3.2MW TIR Rms: 0.3 secs
40 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	22	298	EP		1245	5.472	0.04							1.0
IGT	HE	22	298	ES		1245	9.066	-0.11							1.0
IGT	HZ	22	298	IAML		1245	0.243		890	0.2					
JAN	HZ	35	47	EP		1245	7.293	-0.22							1.0
JAN	HE	35	47	ES		1245	3.242	0.30							1.0
SRN	HZ	68	316	EP		1245	2.655	-0.21							1.0
SRN	HN	68	316	ES		1245	2.914	0.27							1.0
SRN	HZ	68	316	IAML		1245	6.432		70	0.6					
KEK	HZ	71	295	EP		1245	3.304	-0.17							1.0
KEK	HN	71	295	ES		1245	4.044	0.31							1.0
KEK	HZ	71	295	IAML		1245	0.658		216	0.6					
LKD2	HZ	73	173	EP		1245	3.720	-0.03							1.0
LKD2	HN	73	173	ES		1245	4.171	-0.06							1.0
LSK	HZ	79	3	EP		1245	5.094	0.37							1.0
LSK	HE	79	3	ES		1245	5.166	-0.83							1.0
LSK	HZ	79	3	IAML		1245	9.714		230	0.6					
PENT	HZ	98	31	EP		1245	7.808	-0.06							1.0
PENT	HN	98	31	ES		1245	1.522	-0.16							1.0
NEST	HZ	116	21	EP		1245	0.770	-0.17							1.0
NEST	HN	116	21	ES		1245	7.823	0.58							1.0
NEST	HZ	116	21	IAML		1245	3.391		94	0.6					
THL	HZ	126	83	EP		1245	3.040	0.43							1.0
VLS	HZ	140	179	EP		1245	4.992	0.04							1.0
VLS	HE	140	179	ES		1245	4.410	-0.10							1.0
KZN	HZ	142	47	EP		1245	5.121	-0.08							1.0
KZN	HN	142	47	ES		1245	4.800	-0.16							1.0

October 9 2022 Hour: 12:54 32.9 Lat: 41.16N Lon: 19.99E D: 21.3 Ag: TIR Local
Magnitudes: 3.6ML TIR 3.7MW TIR Rms: 0.8 secs
8 km NW of Elbasan

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	23	333	EP	C	1254	8.640	0.34							1.0
TIR	HN	23	333	ES		1254	3.022	0.32							1.0
TIR	HZ	23	333	IAML		1254	8.042		2592	0.5					
BERA	HZ	51	184	EP	D	1254	1.955	-0.50							1.0
BERA	HN	51	184	ES		1254	0.008	-0.22							1.0
BERA	HZ	51	184	IAML		1254	1.950		2185						
BPA2	HZ	58	213	EP	D	1254	3.030	-0.40							1.0
PHP	HZ	69	33	EP	D	1254	4.622	-0.69							1.0
PHP	HN	69	33	ES		1254	4.669	-0.73							1.0
PHP	HZ	69	33	IAML		1255	1.325		637	0.4					
VLO	HZ	88	209	EP		1254	9.063	0.69							1.0
VLO	HN	88	209	ES		1255	1.571	0.65							1.0
VLO	HZ	88	209	IAML		1255	7.330		2697	0.4					
KBN	HZ	90	132	EP	D	1254	8.147	-0.63							1.0
KBN	HN	90	132	ES		1255	1.187	-0.47							1.0
KBN	HZ	90	132	IAML		1255	4.953		317	0.8					
PUK	HZ	98	355	EP	C	1254	9.772	-0.31							1.0
PUK	HE	98	355	ES		1255	3.909	-0.11							1.0
PUK	HZ	98	355	IAML		1255	7.843		386	0.3					
SDA	HZ	107	338	EP	D	1254	2.166	0.78							1.0

SDA	HN	107	338	ES		1255	6.794	0.42									1.0
SDA	HZ	107	338	IAML		1255	1.505		222	0.4							
NEST	HZ	122	133	EP	C	1254	4.159	0.25									1.0
NEST	HN	122	133	ES		1255	0.859	-0.09									1.0
NEST	HZ	122	133	IAML		1255	4.113		614	0.6							
LSK	HZ	124	155	EP	C	1254	3.982	-0.20									1.0
LSK	HZ	124	155	IAML		1255	4.971		618	0.7							
BCI	HZ	134	3	EP		1254	6.898	1.20									1.0
BCI	HE	134	3	ES		1255	4.415	0.23									1.0
BCI	HZ	134	3	IAML		1255	8.372		525	0.6							
SRN	HZ	143	180	EP	D	1254	7.409	0.35									1.0
SRN	HZ	143	180	IAML		1255	2.815		443	0.4							
PENT	HZ	145	138	EP		1254	9.387	1.89									1.0
PDG	HZ	153	337	EP	D	1254	8.673	0.03									1.0
PDG	HE	153	337	ES		1255	9.294	-0.22									1.0
PDG	HZ	153	337	IAML		1255	9.941		254	0.5							
KEK	HZ	162	186	EP	D	1254	9.342	-0.47									0.9
KEK	HZ	162	186	IAML		1255	9.117		569	0.3							
SCTE	HZ	177	227	EP	C	1255	0.055	-1.66									0.9
KZN	HZ	178	122	EP	C	1255	2.735	0.80									0.9
KZN	HE	178	122	ES		1255	5.538	0.07									0.9
JAN	HE	183	156	ES		1255	6.877	0.41									0.9
IGT	HZ	183	171	EP	C	1255	2.544	-0.03									0.9
JAN	HZ	183	156	EP		1255	3.648	1.16									0.9
IGT	HZ	183	171	IAML		1255	4.986		248	0.5							
SJES	BZ	233	360	EP	C	1255	0.425	1.40									0.9
BARS	BZ	238	39	EP	D	1255	8.787	-0.74									0.9
BARS	BN	238	39	ES		1255	8.906	-0.32									0.9
THL	HZ	247	135	EP		1255	1.207	0.51									0.9
THE	HZ	257	102	EP		1255	2.117	0.10									0.9
THE	HZ	257	102	IAML		1255	3.235		88	0.8							
LKD2	HZ	270	168	EP	C	1255	2.759	-0.90									0.9
PLG	HZ	304	106	EP	D	1255	8.063	-0.05									0.8
MRVN	HZ	319	269	EP	D	1255	7.857	-2.12									0.8
ITM	HZ	473	159	EP		1255	8.600	-1.09									0.7
BZS	HZ	513	15	EP		1255	2.861	-1.83									0.6

October 9 2022 Hour: 19:19 12.5 Lat: 41.16N Lon: 20.02E D: 24.6 Ag: TIR Local
Magnitudes: 2.2ML TIR 2.7MW TIR Rms: 0.8 secs
7 km NW of Elbasan

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	24	327	EP		1919	7.977	-0.47							1.0
TIR	HN	24	327	ES		1919	2.584	-0.70							1.0
TIR	HZ	24	327	IAML		1919	4.024		124	0.2					
BERA	HZ	52	187	EP		1919	1.490	-0.77							1.0
BERA	HN	52	187	ES		1919	9.350	-0.83							1.0
BERA	HZ	52	187	IAML		1919	0.157		76	0.3					
PHP	HZ	68	31	EP		1919	4.062	-0.74							1.0
PHP	HN	68	31	ES		1919	4.471	-0.31							1.0
PHP	HZ	68	31	IAML		1919	4.758		31	0.3					
KBN	HZ	88	133	EP		1919	7.387	-0.63							1.0
KBN	HN	88	133	ES		1919	0.802	0.20							1.0
KBN	HZ	88	133	IAML		1919	0.224		12	0.6					
VLO	HZ	89	210	EP		1919	8.294	0.16							1.0
VLO	HN	89	210	ES		1919	1.559	0.75							1.0
VLO	HZ	89	210	IAML		1919	6.994		92	0.3					
PUK	HZ	98	354	EP		1919	9.249	-0.40							1.0
PUK	HE	98	354	ES		1919	3.554	0.01							1.0
PUK	HZ	98	354	IAML		1919	9.941		19	0.3					
SDA	HZ	108	336	EP		1919	1.357	0.30							1.0
SDA	HN	108	336	ES		1919	6.307	0.20							1.0
SDA	HZ	108	336	IAML		1919	9.580		13	0.2					
NEST	HZ	120	134	EP		1919	3.590	0.50							1.0
NEST	HN	120	134	ES		1919	0.989	1.22							1.0

NEST	HZ	120	134	IAML	1919	5.544			18	0.5				
LSK	HZ	123	156	EP	1919	3.890	0.40							1.0
LSK	HN	123	156	ES	1919	0.780	0.28							1.0
LSK	HZ	123	156	IAML	1920	4.045			21	0.5				
BCI	HZ	134	2	EP	1919	5.555	0.36							1.0
BCI	HN	134	2	ES	1919	3.712	0.13							1.0
BCI	HZ	134	2	IAML	1920	0.063			26	0.5				
SRN	HZ	143	181	EP	1919	7.042	0.50							1.0
SRN	HE	143	181	ES	1919	6.306	0.27							1.0
PENT	HN	143	138	ES	1919	6.410	0.10							1.0
SRN	HZ	143	181	IAML	1919	8.615			15	0.5				
PENT	HZ	143	138	EP	1919	7.407	0.71							1.0
PDG	HZ	154	336	EP	1919	8.322	0.25							1.0
PDG	HE	154	336	ES	1919	8.865	0.07							1.0
PDG	HZ	154	336	IAML	1919	9.423			12	0.5				
KEK	HZ	162	187	EP	1919	8.858	-0.26							0.9
KEK	HN	162	187	ES	1920	0.988	0.30							0.9
KEK	HZ	162	187	IAML	1920	2.024			19	0.4				
KZN	HZ	176	122	EP	1919	0.676	-0.24							0.9
KZN	HN	176	122	ES	1920	3.732	-0.21							0.9
SCTE	HZ	179	228	EP	1919	1.606	0.36							0.9
SCTE	HE	179	228	ES	1920	4.693	0.15							0.9
JAN	HZ	181	157	EP	1919	2.214	0.60							0.9
JAN	HE	181	157	ES	1920	5.278	0.06							0.9
IGT	HZ	183	172	EP	1919	2.081	0.29							0.9
IGT	HE	183	172	ES	1920	5.498	-0.02							0.9
IGT	HZ	183	172	IAML	1920	5.331			14	0.5				
SJES	BZ	233	359	EP	1919	0.266	1.94							0.9
SJES	BE	233	359	ES	1920	6.936	-0.41							0.9
BARS	BZ	236	38	EP	1919	9.317	0.71							0.9
NOCI	HZ	253	261	EP	1919	2.075	1.36							0.9
NOCI	HN	253	261	ES	1920	2.264	0.59							0.9
LKD2	HZ	269	168	EP	1919	2.434	-0.42							0.9
LKD2	HN	269	168	ES	1920	3.056	-2.50							0.9
PLG	HZ	302	106	EP	1919	7.789	0.73							0.8
PLG	HN	302	106	ES	1920	2.095	-1.06							0.8
MRVN	HZ	322	269	EP	1919	7.217	-2.39							0.8
VLS	HZ	335	171	EP	1919	8.899	-2.39							0.8

October 10 2022 Hour: 22:39 19.6 Lat: 40.42N Lon: 19.56E D: 26.6 Ag: TIR Local
Magnitudes: 2.6ML TIR 3.0MW TIR Rms: 0.7 secs
8 km SE of Vlore

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLO	HZ	8	319	EP	C	2239	3.552	-0.81							1.0
VLO	HN	8	319	ES		2239	8.175	-0.03							1.0
VLO	HZ	8	319	IAML		2239	9.762			4298	0.3				
BPA2	HZ	35	9	EP		2239	7.405	0.26							1.0
BERA	HZ	46	46	EP	D	2239	7.504	-1.17							1.0
BERA	HN	46	46	ES		2239	5.386	-0.62							1.0
BERA	HZ	46	46	IAML		2239	6.787			320	0.2				
SRN	HZ	71	147	EP	D	2239	1.911	-0.47							1.0
SRN	HN	71	147	ES		2239	2.691	-0.03							1.0
SRN	HZ	71	147	IAML		2239	6.009			101	0.3				
KEK	HZ	81	165	EP	D	2239	4.508	0.51							1.0
KEK	HE	81	165	ES		2239	5.396	-0.25							1.0
KEK	HZ	81	165	IAML		2239	0.546			109	0.2				
LSK	HZ	93	108	EP	D	2239	5.457	-0.59							1.0
LSK	HN	93	108	ES		2239	9.179	-0.17							1.0
LSK	HZ	93	108	IAML		2239	2.223			77	0.6				
SCTE	HZ	100	248	EP	C	2239	8.020	0.98							1.0
SCTE	HE	100	248	ES		2239	1.127	-0.02							1.0
TIR	HZ	107	14	EP		2239	8.900	0.84							1.0
KBN	HN	107	77	ES		2239	3.000	-0.13							1.0
KBN	HZ	107	77	IAML		2239	8.399			48	0.7				

TIR	HN	107	14	ES		2239	4.509	1.51									1.0
KBN	HZ	107	77	EP	D	2239	7.839	-0.30									1.0
TIR	HZ	107	14	IAML		2239	7.657		58	0.4							
IGT	HZ	118	146	EP	D	2239	9.875	-0.04									1.0
IGT	HE	118	146	ES		2239	6.291	-0.06									1.0
IGT	HZ	118	146	IAML		2240	1.329		53	0.4							
NEST	HZ	127	90	EP	D	2239	1.324	0.05									1.0
NEST	HN	127	90	ES		2239	8.660	-0.16									1.0
NEST	HZ	127	90	IAML		2240	2.258		66	0.7							
PENT	HZ	137	100	EP		2239	2.984	0.13									1.0
PENT	HN	137	100	ES		2240	2.228	0.55									1.0
JAN	HZ	139	127	EP	C	2239	3.882	0.76									1.0
JAN	HN	139	127	ES		2240	1.956	-0.19									1.0
PHP	HZ	159	28	EP	C	2239	6.553	0.81									0.9
PHP	HN	159	28	ES		2240	7.103	0.20									0.9
PHP	HZ	159	28	IAML		2240	1.281		18	0.2							
SDA	HZ	182	359	EP		2239	8.709	0.20									0.9
SDA	HE	182	359	ES		2240	1.470	-0.44									0.9
SDA	HZ	182	359	IAML		2240	8.801		9	0.2							
PUK	HZ	183	9	EP		2239	9.113	0.33									0.9
PUK	HN	183	9	ES		2240	2.313	-0.10									0.9
PUK	HZ	183	9	IAML		2240	4.713		27	0.5							
KZN	HZ	188	93	EP		2239	0.782	1.27									0.9
KZN	HN	188	93	ES		2240	3.708	-0.02									0.9
NOCI	HZ	215	282	EP		2239	2.807	-0.04									0.9
NOCI	HN	215	282	ES		2240	0.048	0.29									0.9
BCI	HZ	221	11	EP		2239	4.442	0.83									0.9
BCI	HN	221	11	ES		2240	0.523	-0.62									0.9
BCI	HZ	221	11	IAML		2240	0.356		24	0.5							
PDG	HZ	225	354	EP		2239	3.716	-0.37									0.9
PDG	HN	225	354	ES		2240	0.027	-1.98									0.9
PDG	HZ	225	354	IAML		2240	0.524		14	0.6							
THL	HZ	230	113	EP		2239	6.658	1.90									0.9
THL	HE	230	113	ES		2240	3.039	-0.18									0.9
VLS	HZ	264	160	EP		2239	7.803	-1.33									0.9
TIP	HZ	276	241	EP		2240	0.506	-0.23									0.8
MRVN	HZ	293	285	EP		2240	1.766	-1.07									0.8
SJES	BZ	318	6	EP		2240	6.318	0.17									0.8
PLG	HZ	330	90	EP		2240	7.146	-0.48									0.8
PLG	HE	330	90	ES		2240	6.209	-0.30									0.8

October 13 2022 Hour: 2:24 3.8 Lat: 39.35N Lon: 20.56E D: 15.1 Ag: TIR Local
Magnitudes: 2.3ML TIR 2.8MW TIR Rms: 0.4 secs

47 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	28	315	EP		0224	9.226	-0.22							1.0
IGT	HN	28	315	ES		0224	3.319	-0.67							1.0
IGT	HZ	28	315	IAML		0224	4.280		457	0.1					
JAN	HZ	42	36	EP		0224	1.641	-0.01							1.0
JAN	HN	42	36	ES		0224	8.061	0.08							1.0
LKD2	HZ	63	172	EP		0224	5.483	0.35							1.0
LKD2	HE	63	172	ES		0224	4.590	0.31							1.0
SRN	HZ	76	321	EP		0224	7.138	-0.07							1.0
SRN	HN	76	321	ES		0224	7.933	-0.11							1.0
SRN	HZ	76	321	IAML		0224	1.244		36	0.3					
KEK	HZ	77	302	EP		0224	7.398	0.01							1.0
KEK	HE	77	302	ES		0224	8.669	0.29							1.0
KEK	HZ	77	302	IAML		0224	3.034		73	0.2					
LSK	HZ	89	2	EP		0224	0.215	0.83							1.0
LSK	HE	89	2	ES		0224	1.768	-0.21							1.0
LSK	HZ	89	2	IAML		0224	9.735		45	0.6					
PENT	HZ	106	28	EP		0224	2.095	-0.17							1.0
NEST	HZ	125	19	EP		0224	5.885	0.42							1.0
NEST	HZ	125	19	IAML		0224	9.418		32	0.7					

THL	HZ	127	79	EP	0224	5.582-0.17											1.0
THL	HN	127	79	ES	0224	3.095-0.42											1.0
VLS	HZ	131	179	EP	0224	5.007-1.32											0.5
VLS	HE	131	179	ES	0224	4.752 0.21											1.0
KBN	HZ	142	8	EP	0224	8.127-0.21											1.0
KBN	HN	142	8	ES	0224	8.681 0.49											1.0
KBN	HZ	142	8	IAML	0224	4.316			10	0.4							
BERA	HZ	159	341	EP	0224	0.901-0.00											0.9
BERA	HE	159	341	ES	0224	3.099 0.26											0.9
BERA	HZ	159	341	IAML	0224	8.286			12	0.4							
SCTE	HZ	197	295	EP	0224	5.419-0.42											0.9
PLG	HZ	271	64	EP	0224	5.125-0.36											0.9

October 13 2022 Hour: 8:12 40.8 Lat: 40.72N Lon: 19.95E D: 9.6 Ag: TIR Local
Magnitudes: 2.8ML TIR 3.2MW TIR Rms: 0.7 secs

3 km NW of Berat

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA	HZ	2	189	EP		0812	2.571-0.04								1.0
BERA	HN	2	189	ES		0812	3.706-0.35								1.0
BERA	HZ	2	189	IAML		0812	4.073		40284	0.2					
BPA2	HZ	28	272	EP		0812	5.729-0.44								1.0
BPA2	HE	28	272	ES		0812	0.383-0.11								1.0
VLO	HZ	48	234	EP		0812	9.762 0.18								1.0
VLO	HN	48	234	ES		0812	6.609-0.06								1.0
VLO	HZ	48	234	IAML		0812	9.060		644	0.6					
TIR	HZ	70	354	EP		0812	3.869 0.62								1.0
TIR	HN	70	354	ES		0813	4.253 0.94								1.0
TIR	HZ	70	354	IAML		0813	1.866		105	0.3					
KBN	HZ	71	99	EP		0812	3.302-0.27								1.0
KBN	HN	71	99	ES		0813	4.024 0.14								1.0
KBN	HZ	71	99	IAML		0813	9.046		119	0.4					
SRN	HZ	94	178	EP		0812	7.411 0.15								1.0
SRN	HE	94	178	ES		0813	0.973 0.41								1.0
SRN	HZ	94	178	IAML		0813	2.912		135	0.3					
NEST	HZ	99	110	EP		0812	8.183 0.01								1.0
NEST	HN	99	110	ES		0813	2.338 0.12								1.0
NEST	HZ	99	110	IAML		0813	8.412		152	0.4					
KEK	HZ	113	187	EP		0813	0.667 0.19								1.0
KEK	HN	113	187	ES		0813	6.551 0.16								1.0
KEK	HZ	113	187	IAML		0813	3.708		181	0.5					
PHP	HZ	114	21	EP		0813	0.681-0.03								1.0
PHP	HN	114	21	ES		0813	6.945 0.13								1.0
PHP	HZ	114	21	IAML		0813	3.991		101	1.2					
PENT	HZ	116	120	EP		0813	1.170 0.09								1.0
PENT	HE	116	120	ES		0813	7.992 0.50								1.0
IGT	HZ	136	166	EP		0813	4.875 0.54								1.0
IGT	HN	136	166	ES		0813	3.941 0.56								1.0
IGT	HZ	136	166	IAML		0813	8.316		132	0.5					
JAN	HZ	141	147	EP		0813	5.352 0.20								1.0
SCTE	HZ	145	241	EP		0813	5.186-0.69								1.0
SCTE	HN	145	241	ES		0813	5.674-0.49								1.0
PUK	HZ	147	358	EP		0813	6.111 0.00								1.0
PUK	HN	147	358	ES		0813	6.592 0.00								1.0
PUK	HZ	147	358	IAML		0813	0.487		64	0.7					
SDA	HZ	152	346	EP		0813	7.027 0.05								1.0
SDA	HE	152	346	ES		0813	8.492 0.33								1.0
SDA	HZ	152	346	IAML		0813	1.992		24	0.4					
KZN	HZ	161	106	EP		0813	8.571 0.09								0.9
KZN	HN	161	106	ES		0813	1.923 1.04								0.9
BCI	HZ	183	3	EP		0813	2.008 0.29								0.9
BCI	HN	183	3	ES		0813	7.404 0.66								0.9
BCI	HZ	183	3	IAML		0813	5.380		59	0.6					
PDG	HZ	198	343	EP		0813	3.429-0.21								0.9
PDG	HN	198	343	ES		0813	0.088-0.12								0.9

PDG	HZ	198	343	IAML	0813	1.406			41	0.6				
LKD2	HZ	223	164	EP	0813	6.145	-0.76							0.9
LKD2	HN	223	164	ES	0813	6.671	0.55							0.9
NOCI	HZ	244	273	EP	0813	1.026	1.44							0.9
NOCI	HE	244	273	ES	0813	1.168	0.19							0.9
BARS	BZ	279	33	EP	0813	3.891	-0.19							0.8
BOSS	SZ	287	46	EP	0813	4.737	-0.42							0.8
BOSS	SE	287	46	ES	0813	9.047	-2.01							0.8
VLS	HZ	288	169	EP	0813	2.893	-2.31							0.8
VLS	HE	288	169	ES	0814	1.542	0.40							0.8
PLG	HZ	298	96	EP	0813	6.176	-0.36							0.8
PLG	HN	298	96	ES	0814	1.263	-2.30							0.8
MRVN	HZ	319	278	EP	0813	8.571	-0.62							0.8

October 13 2022 Hour: 8:31 9.3 Lat: 40.71N Lon: 19.94E D: 12.2 Ag: TIR Local
Magnitudes: 3.0ML TIR 3.4MW TIR Rms: 0.7 secs
3 km NW of Berat

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA	HZ	1	140	EP	D	0831	0.842	-0.65							1.0
BERA	HN	1	140	ES		0831	1.933	-1.34							1.0
BERA	HZ	1	140	IAML		0831	2.488		49050	0.2					
BPA2	HZ	27	274	EP	C	0831	5.034	0.46							1.0
BPA2	HN	27	274	ES		0831	8.991	0.14							1.0
VLO	HZ	46	234	EP	D	0831	8.167	0.43							1.0
VLO	HN	46	234	ES		0831	5.312	0.75							1.0
VLO	HZ	46	234	IAML		0831	9.970		1419	0.3					
TIR	HZ	71	355	EP	D	0831	2.150	0.31							1.0
TIR	HE	71	355	ES		0831	2.654	0.66							1.0
TIR	HZ	71	355	IAML		0831	4.087		127	0.6					
KBN	HZ	72	98	EP	C	0831	1.546	-0.59							1.0
KBN	HE	72	98	ES		0831	2.709	0.18							1.0
KBN	HZ	72	98	IAML		0831	7.414		155	0.5					
SRN	HZ	93	177	EP		0831	5.642	0.20							1.0
SRN	HE	93	177	ES		0831	8.898	0.39							1.0
SRN	HZ	93	177	IAML		0831	1.116		212	0.4					
NEST	HZ	100	109	EP	C	0831	6.526	-0.16							1.0
NEST	HE	100	109	ES		0831	0.959	0.19							1.0
NEST	HZ	100	109	IAML		0831	9.193		119	0.4					
KEK	HZ	112	186	EP	D	0831	8.955	0.33							1.0
KEK	HE	112	186	ES		0831	4.986	0.71							1.0
KEK	HZ	112	186	IAML		0831	3.316		356	0.5					
PHP	HZ	116	21	EP	C	0831	9.385	0.00							1.0
PHP	HN	116	21	ES		0831	5.681	0.04							1.0
PHP	HZ	116	21	IAML		0831	2.425		125	1.1					
PENT	HZ	117	119	EP	D	0831	9.642	0.09							1.0
PENT	HE	117	119	ES		0831	6.353	0.41							1.0
IGT	HZ	135	166	EP	D	0831	3.073	0.50							1.0
IGT	HE	135	166	ES		0831	1.724	0.31							1.0
IGT	HZ	135	166	IAML		0831	6.497		169	0.5					
JAN	HZ	141	146	EP	D	0831	3.546	0.07							1.0
JAN	HE	141	146	ES		0831	3.261	0.20							1.0
SCTE	HZ	144	241	EP	D	0831	4.103	0.13							1.0
SCTE	HE	144	241	ES		0831	2.791	-1.17							1.0
SCTE	HN	144	241	ES		0831	3.266	-0.69							1.0
PUK	HZ	148	359	EP	D	0831	5.278	0.57							1.0
PUK	HN	148	359	ES		0831	5.425	0.14							1.0
PUK	HZ	148	359	IAML		0831	8.797		98	0.8					
SDA	HZ	153	346	EP		0831	6.085	0.56							1.0
SDA	HN	153	346	ES		0831	6.786	0.02							1.0
SDA	HZ	153	346	IAML		0832	9.964		53	0.7					
KZN	HZ	162	106	EP	C	0831	6.622	-0.39							0.9
KZN	HN	162	106	ES		0831	9.747	0.29							0.9
BCI	HZ	184	3	EP	C	0831	1.104	1.02							0.9
BCI	HN	184	3	ES		0832	5.782	0.78							0.9

BCI	HZ	184	3	IAML		0832	3.800		87	0.9				
PDG	HZ	199	344	EP	D	0831	2.392	0.46						0.9
PDG	HE	199	344	ES		0832	8.081	-0.27						0.9
PDG	HZ	199	344	IAML		0832	9.807		64	0.6				
LKD2	HZ	222	164	EP		0831	4.222	-0.74						0.9
LKD2	HN	222	164	ES		0832	5.400	1.55						0.9
NOCI	HZ	243	273	EP		0831	7.859	0.25						0.9
NOCI	HN	243	273	ES		0832	9.376	0.74						0.9
SJES	BZ	283	1	EP		0831	2.410	-0.47						0.8
VLS	HZ	287	169	EP		0831	1.531	-1.72						0.8
VLS	HN	287	169	ES		0832	8.119	-0.72						0.8
BOSS	SZ	289	46	EP	C	0831	3.649	0.08						0.8
BOSS	SN	289	46	ES		0832	7.888	-1.53						0.8
PLG	HZ	299	96	EP		0831	5.067	0.21						0.8
PLG	HE	299	96	ES		0832	0.439	-1.32						0.8
MRVN	HZ	318	278	EP		0831	4.999	-2.24						0.8
MRVN	HN	318	278	ES		0832	5.191	-0.87						0.8
TIP	HZ	321	239	EP		0831	7.340	-0.28						0.8
ITM	HZ	428	156	EP		0832	1.228	-0.15						0.7

October 13 2022 Hour: 12:57 40.3 Lat: 40.72N Lon: 19.94E D: 7.4 Ag: TIR Local
Magnitudes: 2.2ML TIR 2.9MW TIR Rms: 0.5 secs
3 km NW of Berat

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA	HZ	2	149	EP		1257	1.553	-0.14							1.0
BERA	HN	2	149	ES		1257	2.709	-0.11							1.0
BERA	HZ	2	149	IAML		1257	3.156		18117	0.1					
BPA2	HZ	27	273	EP		1257	5.624	0.35							1.0
BPA2	HN	27	273	ES		1257	9.816	0.51							1.0
VLO	HZ	47	233	EP		1257	9.312	0.59							1.0
VLO	HN	47	233	ES		1257	5.782	0.25							1.0
VLO	HZ	47	233	IAML		1257	8.738		253	0.3					
TIR	HZ	70	355	EP		1257	2.968	0.08							1.0
TIR	HE	70	355	ES		1258	2.994	-0.08							1.0
TIR	HZ	70	355	IAML		1258	7.382		26	1.0					
KBN	HZ	73	98	EP		1257	3.031	-0.35							1.0
KBN	HN	73	98	ES		1258	3.981	0.01							1.0
KBN	HZ	73	98	IAML		1258	8.410		42	0.6					
SRN	HZ	93	177	EP		1257	6.263	-0.54							1.0
SRN	HN	93	177	ES		1258	0.537	0.37							1.0
SRN	HZ	93	177	IAML		1258	6.648		29	0.3					
NEST	HZ	100	109	EP		1257	7.900	-0.10							1.0
NEST	HE	100	109	ES		1258	2.424	0.10							1.0
NEST	HZ	100	109	IAML		1258	0.516		24	0.4					
KEK	HZ	112	186	EP		1258	0.196	0.21							1.0
KEK	HE	112	186	ES		1258	6.066	0.14							1.0
KEK	HZ	112	186	IAML		1258	8.849		52	0.7					
PHP	HZ	115	21	EP		1257	9.764	-0.73							1.0
PHP	HN	115	21	ES		1258	7.003	0.15							1.0
PHP	HZ	115	21	IAML		1258	3.023		20	0.9					
PENT	HZ	117	119	EP		1258	1.026	0.15							1.0
PENT	HN	117	119	ES		1258	7.204	-0.33							1.0
IGT	HZ	136	165	EP		1258	4.382	0.45							1.0
IGT	HN	136	165	ES		1258	3.207	0.13							1.0
IGT	HZ	136	165	IAML		1258	5.250		24	0.3					
JAN	HZ	141	146	EP		1258	4.588	-0.25							1.0
JAN	HN	141	146	ES		1258	5.384	0.67							1.0
SCTE	HZ	144	241	EP		1258	4.528	-0.71							1.0
SCTE	HN	144	241	ES		1258	4.100	-1.33							1.0
PUK	HZ	147	359	EP		1258	6.544	0.74							1.0
PUK	HE	147	359	ES		1258	6.364	-0.10							1.0
PUK	HZ	147	359	IAML		1258	9.818		18	0.4					
SDA	HZ	152	346	EP		1258	6.738	0.12							1.0
SDA	HE	152	346	ES		1258	7.572	-0.36							1.0

SDA	HZ	152	346	IAML	1258	0.895			7	0.4					
KZN	HZ	162	106	EP	1258	8.378	0.06								0.9
KZN	HN	162	106	ES	1258	0.843	-0.17								0.9
BCI	HZ	183	3	EP	1258	1.626	0.08								0.9
BCI	HN	183	3	ES	1258	7.785	0.93								0.9
BCI	HZ	183	3	IAML	1258	4.739			12	0.3					
PDG	HZ	198	344	EP	1258	3.818	0.42								0.9
PDG	HE	198	344	ES	1258	9.839	-0.36								0.9
PDG	HZ	198	344	IAML	1258	0.504			14	0.6					
LKD2	HZ	223	164	EP	1258	4.836	-1.81								0.9
LKD2	HN	223	164	ES	1258	6.905	0.83								0.9

October 14 2022 Hour: 2:23 8.4 Lat: 38.93N Lon: 21.21E D: 14.7 Ag: TIR Local
Magnitudes: 2.4ML TIR 3.2MW TIR Rms: 0.9 secs
120 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	51	252	EP		0223	7.648	0.02							1.0
LKD2	HN	51	252	ES		0223	5.491	0.38							1.0
JAN	HZ	87	339	EP		0223	4.520	0.95							1.0
JAN	HE	87	339	ES		0223	5.668	-0.21							1.0
THL	HZ	99	44	EP		0223	5.611	0.04							1.0
THL	HE	99	44	ES		0223	9.049	-0.44							1.0
VLS	HZ	100	213	EP		0223	4.669	-1.07							1.0
VLS	HN	100	213	ES		0223	7.965	-1.83							1.0
IGT	HZ	101	312	EP		0223	6.984	0.97							1.0
IGT	HN	101	312	ES		0223	0.250	-0.04							1.0
IGT	HZ	101	312	IAML		0223	7.302		45	1.0					
PENT	HZ	141	357	EP		0223	2.736	0.11							1.0
PENT	HN	141	357	ES		0223	2.829	0.57							1.0
SRN	HZ	148	316	EP		0223	5.129	1.28							1.0
SRN	HN	148	316	ES		0223	3.206	-1.27							1.0
SRN	HZ	148	316	IAML		0223	6.271		16	0.8					
KEK	HZ	150	306	EP		0223	5.386	1.30							1.0
KEK	HE	150	306	ES		0223	4.889	-0.02							1.0
KEK	HZ	150	306	IAML		0224	6.429		72	1.9					
KZN	HZ	160	17	EP		0223	5.688	-0.09							0.9
KZN	HE	160	17	ES		0223	6.443	-1.52							0.9
NEST	HZ	165	355	EP		0223	6.933	0.37							0.9
NEST	HZ	165	355	IAML	A	0224	6.189		40	0.4					
KBN	HZ	192	349	EP		0223	9.689	-0.19							0.9
KBN	HN	192	349	ES		0224	4.392	-1.00							0.9
KBN	HZ	192	349	IAML	A	0224	0.468		13	0.9					
ITM	HZ	204	162	EP		0223	2.178	0.74							0.9
ITM	HN	204	162	ES		0224	9.753	1.54							0.9
VLO	HZ	226	320	EP		0223	5.060	0.91							0.9
PLG	HZ	250	49	EP		0223	6.370	-0.93							0.9
PHP	HZ	313	348	EP		0223	6.851	1.44							0.8
PUK	HZ	363	342	EP		0224	1.305	-0.61							0.8
TIP	HZ	387	276	EP		0224	3.401	-1.48							0.8
BCI	HZ	394	346	EP		0224	5.497	-0.27							0.7

October 15 2022 Hour: 11:39 4.3 Lat: 42.63N Lon: 18.99E D: 15.5 Ag: TIR Local
Magnitudes: 2.2ML TIR Rms: 0.3 secs
59 km NW of Koplík

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PDG	HZ	32	135	EP		1139	0.391	-0.10							1.0
PDG	HN	32	135	ES		1139	5.315	-0.20							1.0
PDG	HZ	32	135	IAML		1139	5.515		237	0.3					
SDA	HZ	77	147	EP		1139	8.351	0.42							1.0
SDA	HN	77	147	ES		1139	9.225	0.25							1.0
SDA	HZ	77	147	IAML		1139	0.919		29	0.4					
BCI	HZ	94	108	EP		1139	0.414	-0.24							1.0
BCI	HN	94	108	ES		1139	4.425	0.52							1.0
BCI	HZ	94	108	IAML		1139	7.311		39	0.6					

PUK	HZ	99	131	EP		1139	1.385	-0.26									1.0
PUK	HN	99	131	ES		1139	5.423	-0.27									1.0
PUK	HZ	99	131	IAML		1139	1.001			29	0.2						
SJES	BZ	106	49	EP		1139	3.083	0.25									1.0
SJES	BE	106	49	ES		1139	7.679	-0.17									1.0
PHP	HZ	160	131	EP		1139	1.422	-0.13									0.9
PHP	HN	160	131	ES		1139	3.486	-0.15									0.9
PHP	HZ	160	131	IAML		1139	5.299			12	0.2						
NEST	HZ	301	144	EP		1139	9.778	0.08									0.8

October 16 2022 Hour: 12:45 34.7 Lat: 39.29N Lon: 20.65E D: 7.8 Ag: TIR Local
Magnitudes: 2.4ML TIR 2.9MW TIR Rms: 0.5 secs

57 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	39	315	EP		1245	1.319	-0.45							1.0
IGT	HE	39	315	ES		1245	7.172	-0.31							1.0
IGT	HZ	39	315	IAML		1245	8.461			258	0.2				
JAN	HZ	45	23	EP		1245	2.822	0.00							1.0
JAN	HN	45	23	IS		1245	9.911	0.53							1.0
LKD2	HZ	55	179	EP		1245	4.379	-0.32							1.0
LKD2	HE	55	179	ES		1245	3.272	0.49							1.0
SRN	HZ	86	320	EP		1245	9.365	-0.65							1.0
SRN	HE	86	320	ES		1246	1.914	-0.50							1.0
SRN	HZ	86	320	IAML		1246	6.205			31	0.3				
KEK	HZ	87	303	EP		1245	9.320	-0.86							1.0
KEK	HN	87	303	ES		1246	3.912	1.21							1.0
KEK	HZ	87	303	IAML		1246	9.759			75	0.3				
LSK	HZ	96	357	EP		1245	2.765	1.08							1.0
LSK	HE	96	357	ES		1246	5.854	0.44							1.0
LSK	HZ	96	357	IAML		1246	4.545			54	0.4				
PENT	HZ	109	22	EP		1245	3.749	-0.16							1.0
PENT	HE	109	22	ES		1246	9.363	-0.09							1.0
THL	HZ	121	75	EP		1245	5.437	-0.44							1.0
THL	HE	121	75	ES		1246	2.763	-0.25							1.0
VLS	HZ	123	182	EP		1245	6.571	0.37							1.0
VLS	HE	123	182	ES		1246	3.492	-0.10							1.0
NEST	HZ	130	15	EP		1245	7.785	0.45							1.0
NEST	HE	130	15	ES		1246	5.290	-0.36							1.0
NEST	HZ	130	15	IAML		1246	3.387			57	0.5				
KZN	HZ	148	40	EP		1246	0.354	-0.08							1.0
KZN	HN	148	40	ES		1246	1.499	0.24							1.0
KBN	HZ	149	4	EP		1246	0.230	-0.27							1.0
BERA	HZ	168	339	EP		1246	4.138	0.46							0.9
BERA	HE	168	339	ES		1246	6.728	-0.40							0.9
BERA	HZ	168	339	IAML	A	1246	0.762			21	0.6				
PHP	HZ	267	356	EP		1246	7.319	0.67							0.9
PLG	HZ	268	62	EP		1246	6.315	-0.45							0.9
PUK	HZ	313	348	EP		1246	2.214	-0.33							0.8
PUK	HZ	313	348	IAML	A	1247	7.113			3	0.7				

October 16 2022 Hour: 14: 0 26.5 Lat: 38.80N Lon: 21.21E D: 4.3 Ag: TIR Local
Magnitudes: 2.3ML TIR Rms: 0.2 secs

129 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	48	268	EP		1400	5.623	0.58							1.0
LKD2	HN	48	268	ES		1400	2.000	0.00							1.0
VLS	HZ	88	218	EP		1400	1.987	-0.19							1.0
VLS	HN	88	218	ES		1400	4.593	-0.31							1.0
JAN	HZ	100	342	EP		1400	4.324	0.06							1.0
JAN	HE	100	342	ES		1400	8.293	-0.38							1.0
THL	HZ	110	39	EP		1400	6.157	0.27							1.0
THL	HE	110	39	ES		1401	1.446	-0.17							1.0
IGT	HZ	111	317	EP		1400	5.898	-0.20							1.0
IGT	HE	111	317	ES		1401	2.192	0.19							1.0

IGT	HZ	111	317	IAML	1401	6.109			33	0.3				
PENT	HZ	155	358	EP	1400	3.528	0.05							1.0
LSK	HZ	159	341	EP	1400	3.891	-0.19							0.9
SRN	HZ	159	319	EP	1400	3.969	-0.06							0.9
SRN	HN	159	319	ES	1401	6.492	0.13							0.9
KZN	HZ	174	16	EP	1400	6.702	0.06							0.9
KZN	HN	174	16	ES	1401	1.134	0.04							0.9
NEST	HZ	180	356	EP	1400	7.370	-0.23							0.9
NEST	HN	180	356	ES	1401	2.903	0.10							0.9
NEST	HZ	180	356	IAML	1401	6.906			14	0.4				
ITM	HZ	191	160	EP	1400	9.339	0.28							0.9

October 17 2022 Hour: 2:44 15.1 Lat: 42.86N Lon: 18.65E D: 12.5 Ag: TIR Local
Magnitudes: 2.8ML TIR 3.2MW TIR Rms: 0.8 secs
97 km NW of Koplík

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PDG	HZ	70	133	EP		0244	7.104	-0.27							1.0
PDG	HN	70	133	ES		0244	6.733	-0.61							1.0
PDG	HZ	70	133	IAML		0244	9.834		4121	0.2					
SDA	HZ	114	142	EP		0244	4.908	0.10							1.0
SDA	HN	114	142	ES		0244	1.389	0.58							1.0
SDA	HZ	114	142	IAML		0244	4.715		56	0.1					
BCI	HZ	129	115	EP		0244	6.772	-0.53							1.0
BCI	HN	129	115	ES		0244	5.131	-0.18							1.0
BCI	HZ	129	115	IAML		0244	6.667		90	0.3					
PUK	HZ	137	131	EP		0244	8.601	-0.07							1.0
PUK	HN	137	131	ES		0244	8.712	0.92							1.0
PUK	HZ	137	131	IAML		0245	1.571		107	0.4					
TIR	HZ	196	149	EP		0244	7.875	0.59							0.9
TIR	HE	196	149	ES		0245	3.434	0.04							0.9
TIR	HZ	196	149	IAML		0245	4.316		37	0.4					
PHP	HZ	197	131	EP		0244	7.767	0.23							0.9
PHP	HN	197	131	ES		0245	3.262	-0.58							0.9
PHP	HZ	197	131	IAML		0245	8.316		38	0.3					
BLY	HZ	241	331	EP		0244	3.522	0.51							0.9
BERA	HZ	263	155	EP		0244	6.071	0.20							0.9
BERA	HN	263	155	ES		0245	9.359	0.44							0.9
BERA	HZ	263	155	IAML		0245	7.571		15	0.6					
NOCI	HZ	265	210	EP		0244	5.624	-0.53							0.9
SGRT	HZ	269	244	EP		0244	7.497	0.77							0.9
MRVN	HZ	285	226	EP		0244	8.049	-0.69							0.8
NEST	HZ	337	143	EP		0245	4.967	-0.56							0.8
NEST	HZ	337	143	IAML		0246	1.006		9	0.5					
LSK	HZ	342	151	EP		0245	8.282	2.14							0.8
LSK	HZ	342	151	IAML		0246	9.426		12	0.7					
KEK	HZ	363	164	EP		0245	7.033	-1.63							0.8
IGT	HZ	396	158	EP		0245	1.633	-1.28							0.7

October 18 2022 Hour: 4:20 40.1 Lat: 40.68N Lon: 20.83E D: 11.3 Ag: TIR Local
Magnitudes: 2.1ML TIR 2.5MW TIR Rms: 0.3 secs
8 km NE of Korce

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	7	208	EP		0420	2.895	0.26							1.0
KBN	HN	7	208	ES		0420	4.568	-0.09							1.0
NEST	HZ	35	147	EP		0420	6.978	0.24							1.0
NEST	HE	35	147	ES		0420	2.176	0.08							1.0
NEST	HZ	35	147	IAML		0420	4.020		101	0.2					
PENT	HZ	60	154	EP		0420	1.136	0.23							1.0
PENT	HN	60	154	ES		0420	9.508	-0.12							1.0
LSK	HZ	62	198	EP		0420	1.196	-0.04							1.0
LSK	HN	62	198	ES		0420	9.999	-0.23							1.0
LSK	HZ	62	198	IAML		0421	3.291		28	0.4					
BERA	HZ	74	272	EP		0420	3.194	-0.02							1.0
BERA	HE	74	272	ES		0421	3.372	-0.43							1.0

BERA	HZ	74	272	IAML	0421	4.792			36	0.2					
KZN	HZ	90	117	EP	0420	5.970	0.05								1.0
KZN	HN	90	117	ES	0421	8.536	-0.18								1.0
SRN	HZ	113	219	EP	0420	9.485	-0.24								1.0
SRN	HN	113	219	ES	0421	6.292	0.70								1.0
IGT	HZ	134	198	EP	0421	3.613	0.38								1.0
IGT	HZ	134	198	IAML	0421	7.433			9	0.3					
KEK	HZ	139	220	EP	0421	3.463	-0.49								1.0
KEK	HZ	139	220	IAML	0421	6.835			17	0.8					
THL	HZ	160	140	EP	0421	7.009	-0.50								0.9
PUK	HZ	170	333	EP	0421	9.673	0.40								0.9

October 19 2022 Hour: 7:22 30.6 Lat: 40.13N Lon: 19.86E D: 22.7 Ag: TIR Local
Magnitudes: 2.0ML TIR Rms: 0.4 secs
10 km E of Himare

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	30	157	EP		0722	6.577	-0.52							1.0
SRN	HN	30	157	ES		0722	2.030	-0.29							1.0
SRN	HZ	30	157	IAML		0722	3.075			92	0.1				
KEK	HZ	46	187	EP		0722	9.239	-0.30							1.0
KEK	HN	46	187	ES		0722	6.649	-0.09							1.0
KEK	HZ	46	187	IAML		0722	0.004			55	0.3				
VLO	HZ	49	321	EP		0722	0.268	0.28							1.0
VLO	HN	49	321	ES		0722	8.191	0.64							1.0
VLO	HZ	49	321	IAML		0722	9.002			64	0.3				
BERA	HZ	64	6	EP		0722	2.552	0.18							1.0
BERA	HN	64	6	ES		0722	1.172	-0.70							1.0
BERA	HZ	64	6	IAML		0722	2.833			28	0.3				
IGT	HZ	77	149	EP		0722	4.768	0.31							1.0
IGT	HE	77	149	ES		0722	6.288	0.64							1.0
IGT	HZ	77	149	IAML		0723	0.383			15	0.5				
NEST	HZ	106	72	EP		0722	9.139	0.11							1.0
NEST	HN	106	72	ES		0723	3.913	-0.01							1.0
NEST	HZ	106	72	IAML		0723	8.992			7	0.6				
PENT	HZ	109	86	EP		0722	9.353	-0.17							1.0
SCTE	HZ	119	268	EP		0722	1.657	0.56							1.0
SCTE	HN	119	268	ES		0723	6.994	-0.66							1.0

October 19 2022 Hour: 8:33 1.0 Lat: 39.18N Lon: 20.79E D: 0.9 Ag: TIR Local
Magnitudes: 2.0ML TIR 3.3MW TIR Rms: 0.5 secs
74 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	45	195	EP		0833	9.003	-0.12							1.0
LKD2	HN	45	195	ES		0833	5.648	-0.03							1.0
JAN	HZ	53	6	EP		0833	9.549	-0.91							1.0
JAN	HN	53	6	ES		0833	7.625	-0.47							1.0
IGT	HZ	55	315	EP		0833	0.012	-0.87							1.0
IGT	HN	55	315	ES		0833	8.887	0.02							1.0
IGT	HZ	55	315	IAML		0833	2.641			30	0.7				
SRN	HZ	103	319	EP		0833	0.080	0.70							1.0
SRN	HN	103	319	ES		0833	4.859	0.61							1.0
SRN	HZ	103	319	IAML		0833	8.048			9	0.5				
LSK	HZ	108	351	EP		0833	1.086	0.68							1.0
LSK	HN	108	351	ES		0833	6.503	0.40							1.0
LSK	HZ	108	351	IAML		0833	3.508			35	0.4				
THL	HZ	114	68	EP		0833	1.805	0.46							1.0
THL	HE	114	68	ES		0833	8.245	0.44							1.0
PENT	HZ	116	15	EP		0833	1.258	-0.54							1.0
NEST	HZ	138	9	EP		0833	5.416	-0.11							1.0
NEST	HN	138	9	ES		0833	5.101	-0.27							1.0
NEST	HZ	138	9	IAML		0833	8.896			14	0.1				

October 19 2022 Hour: 8:37 2.3 Lat: 39.15N Lon: 20.57E D: 1.9 Ag: TIR Local
 Magnitudes: 2.0ML TIR Rms: 0.4 secs

65 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	41	169	EP		0837	9.466	-0.27							1.0
LKD2	HN	41	169	ES		0837	6.185	0.45							1.0
IGT	HZ	47	334	EP		0837	0.183	-0.49							1.0
IGT	HN	47	334	ES		0837	7.436	0.01							1.0
IGT	HZ	47	334	IAML		0837	8.224			97	0.2				1.0
JAN	HZ	61	23	EP		0837	2.338	-0.84							1.0
JAN	HN	61	23	ES		0837	1.962	-0.00							1.0
SRN	HZ	94	329	EP		0837	8.906	-0.26							1.0
SRN	HN	94	329	ES		0837	3.310	0.52							1.0
SRN	HZ	94	329	IAML		0837	6.160			11	0.5				1.0
VLS	HZ	109	179	EP		0837	1.589	-0.14							1.0
VLS	HN	109	179	ES		0837	7.434	-0.01							1.0
LSK	HZ	110	1	EP		0837	2.883	0.82							1.0
LSK	HN	110	1	ES		0837	8.331	0.28							1.0
LSK	HZ	110	1	IAML		0837	6.414			14	0.5				1.0
PENT	HZ	125	23	EP		0837	3.943	-0.65							1.0
THL	HZ	133	69	EP		0837	6.041	0.32							1.0
THL	HN	133	69	ES		0837	4.867	0.21							1.0
NEST	HZ	146	16	EP		0837	8.091	0.11							1.0
NEST	HN	146	16	ES		0837	8.700	-0.05							1.0
NEST	HZ	146	16	IAML		0837	3.355			10	0.3				1.0

October 21 2022 Hour: 0:56 6.2 Lat: 38.87N Lon: 21.22E D: 5.1 Ag: TIR Local
 Magnitudes: 2.2ML TIR 2.9MW TIR Rms: 0.5 secs

125 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	50	260	EP		0056	5.816	0.69							1.0
LKD2	HN	50	260	ES		0056	3.093	0.73							1.0
JAN	HZ	93	340	EP		0056	2.431	-0.39							1.0
JAN	HE	93	340	ES		0056	5.934	-0.36							1.0
VLS	HZ	95	216	EP		0056	2.375	-0.66							1.0
VLS	HE	95	216	ES		0056	5.865	-0.83							1.0
THL	HZ	103	41	EP		0056	4.320	-0.16							1.0
THL	HN	103	41	ES		0056	9.050	-0.24							1.0
IGT	HZ	106	314	EP		0056	4.558	-0.46							1.0
IGT	HN	106	314	ES		0056	0.440	0.16							1.0
IGT	HZ	106	314	IAML		0056	3.315			11	0.3				1.0
PENT	HZ	147	357	EP		0056	1.734	-0.18							1.0
PENT	HN	147	357	ES		0056	3.073	0.31							1.0
LSK	HZ	152	340	EP		0056	2.488	-0.17							1.0
LSK	HN	152	340	ES		0056	4.740	0.64							1.0
LSK	HZ	152	340	IAML		0057	0.075			13	0.9				1.0
KEK	HZ	154	308	EP		0056	2.868	-0.15							1.0
KEK	HN	154	308	ES		0056	4.081	-0.68							1.0
KEK	HZ	154	308	IAML		0057	2.880			21	1.3				1.0
SRN	HZ	154	317	EP		0056	2.831	-0.08							1.0
SRN	HE	154	317	ES		0056	4.629	0.07							1.0
SRN	HZ	154	317	IAML		0057	3.496			8	1.1				1.0
KZN	HZ	166	16	EP		0056	4.927	-0.14							0.9
KZN	HE	166	16	ES		0056	8.693	0.23							0.9
NEST	HZ	172	355	EP		0056	5.940	-0.10							0.9
NEST	HN	172	355	ES		0057	0.250	0.02							0.9
NEST	HZ	172	355	IAML		0057	4.258			11	0.6				0.9
ITM	HZ	198	162	EP		0056	1.171	1.65							0.9
BERA	HZ	231	332	EP		0056	3.502	-0.26							0.9
BERA	HN	231	332	ES		0057	4.903	0.70							0.9
BERA	HZ	231	332	IAML		0057	5.598			7	1.0				0.9

October 21 2022 Hour: 1:32 10.3 Lat: 38.87N Lon: 21.22E D: 13.6 Ag: TIR Local
 Magnitudes: 2.5ML TIR 3.3MW TIR Rms: 0.7 secs
 125 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	50	260	EP		0132	9.533	0.14							1.0
LKD2	HN	50	260	ES		0132	7.097	0.36							1.0
JAN	HZ	93	340	EP		0132	6.703	0.09							1.0
JAN	HN	93	340	ES		0132	0.726	0.93							1.0
VLS	HZ	95	216	EP		0132	6.309	-0.51							1.0
VLS	HE	95	216	ES		0132	9.938	-0.24							1.0
THL	HZ	103	41	EP		0132	8.844	0.58							1.0
THL	HN	103	41	ES		0132	2.888	0.10							1.0
IGT	HZ	106	314	EP		0132	8.830	0.02							1.0
IGT	HE	106	314	ES		0132	3.806	0.03							1.0
IGT	HZ	106	314	IAML		0132	1.262			52	0.3				1.0
PENT	HZ	148	357	EP		0132	5.844	0.14							1.0
PENT	HN	148	357	ES		0132	6.092	-0.17							1.0
LSK	HZ	152	340	EP		0132	6.554	0.11							1.0
LSK	HN	152	340	ES		0132	7.632	0.04							1.0
LSK	HZ	152	340	IAML		0133	4.097			42	0.9				1.0
KEK	HZ	154	308	EP		0132	6.267	-0.54							1.0
KEK	HZ	154	308	IAML		0133	3.135			56	0.4				1.0
SRN	HE	154	317	ES		0132	7.912	-0.13							1.0
SRN	HZ	154	317	IAML		0133	1.837			17	0.2				1.0
KEK	HN	154	308	ES		0132	7.659	-0.59							1.0
SRN	HZ	154	317	EP		0132	6.795	0.10							1.0
KZN	HZ	166	16	EP		0132	8.228	-0.52							0.9
KZN	HE	166	16	ES		0133	2.063	0.30							0.9
NEST	HZ	172	355	EP		0132	9.783	0.27							0.9
NEST	HN	172	355	ES		0133	3.505	0.36							0.9
NEST	HZ	172	355	IAML		0133	8.318			38	0.5				0.9
ITM	HZ	197	162	EP		0132	3.744	1.08							0.9
ITM	HN	197	162	ES		0133	9.751	0.90							0.9
KBN	HZ	198	349	EP		0132	3.281	0.45							0.9
KBN	HN	198	349	ES		0133	0.218	1.07							0.9
KBN	HZ	198	349	IAML		0133	0.176			13	0.6				0.9
BERA	HZ	231	332	EP		0132	7.298	0.38							0.9
BERA	HN	231	332	ES		0133	7.070	0.52							0.9
BERA	HZ	231	332	IAML		0133	8.008			12	0.5				0.9
PLG	HZ	254	48	EP		0132	9.633	-0.25							0.9
PLG	HE	254	48	ES		0133	9.619	-2.29							0.9
SCTE	HZ	272	300	EP		0132	0.171	-2.02							0.9
PHP	HZ	320	348	EP		0132	7.662	-0.70							0.8
PHP	HZ	320	348	IAML		0133	2.580			6	1.0				0.8
PUK	HZ	370	343	EP		0133	4.465	-0.38							0.8
PUK	HZ	370	343	IAML		0133	6.790			3	0.4				0.8
SDA	HZ	382	338	EP		0133	5.344	-0.96							0.8
BCI	HZ	401	346	EP		0133	8.839	0.13							0.7
BCI	HZ	401	346	IAML		0133	4.908			6	0.5				0.7

October 21 2022 Hour: 6:0 1.0 Lat: 39.62N Lon: 20.53E D: 9.6 Ag: TIR Local
 Magnitudes: 2.6ML TIR Rms: 0.6 secs
 30 km E of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	20	241	EP		0600	4.803	-0.08							1.0
IGT	HN	20	241	ES		0600	8.044	-0.02							1.0
JAN	HZ	28	81	EP		0600	6.354	0.14							1.0
JAN	HN	28	81	ES		0600	1.222	0.74							1.0
SRN	HZ	54	303	EP		0600	0.205	-0.55							1.0
SRN	HE	54	303	ES		0600	9.191	0.50							1.0
SRN	HZ	54	303	IAML		0600	1.973			131	0.4				1.0
LSK	HZ	59	5	EP		0600	1.650	-0.04							1.0
LSK	HN	59	5	ES		0600	1.652	1.27							1.0

LSK	HZ	59	5	IAML	0600	4.808			229	0.6					
KEK	HZ	64	280	EP	0600	1.757	-0.64								1.0
KEK	HE	64	280	ES	0600	1.491	-0.18								1.0
KEK	HZ	64	280	IAML	0600	6.038			270	0.7					
PENT	HZ	82	39	EP	0600	4.777	-0.78								1.0
PENT	HE	82	39	ES	0600	6.331	-1.06								1.0
LKD2	HZ	93	173	EP	0600	7.694	0.46								1.0
LKD2	HN	93	173	ES	0600	1.038	0.62								1.0
NEST	HZ	99	26	EP	0600	7.987	-0.29								1.0
NEST	HN	99	26	ES	0600	2.963	0.65								1.0
NEST	HZ	99	26	IAML	0600	0.024			42	0.6					
KBN	HZ	114	11	EP	0600	0.526	-0.22								1.0
THL	HZ	127	92	EP	0600	2.694	-0.30								1.0
BERA	HZ	130	338	EP	0600	3.122	-0.33								1.0
BERA	HE	130	338	ES	0600	2.484	0.80								1.0
BERA	HZ	130	338	IAML	0600	3.982			46	0.7					
KZN	HN	131	54	EP	0600	2.801	-0.76								1.0
VLS	HN	160	178	EP	0600	8.470	0.02								0.9

October 22 2022 Hour: 8:20 49.1 Lat: 38.66N Lon: 20.50E D: 5.5 Ag: TIR Local
Magnitudes: 2.1ML TIR Rms: 0.4 secs
114 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	20	43	EP		0820	2.972	0.19							1.0
LKD2	HE	20	43	ES		0820	5.738	-0.05							1.0
VLS	HZ	54	172	EP		0820	8.618	-0.15							1.0
VLS	HN	54	172	ES		0821	6.509	-0.12							1.0
IGT	HZ	98	352	EP		0821	5.962	-0.53							1.0
IGT	HN	98	352	ES		0821	9.805	-0.80							1.0
IGT	HZ	98	352	IAML		0821	6.588			25	0.3				
KEK	HZ	132	333	EP		0821	2.696	0.59							1.0
KEK	HE	132	333	ES		0821	0.265	-0.51							1.0
KEK	HZ	132	333	IAML		0821	1.793			20	0.7				
SRN	HZ	142	343	EP		0821	4.138	0.30							1.0
SRN	HN	142	343	ES		0821	4.305	0.40							1.0
SRN	HZ	142	343	IAML		0821	2.605			8	0.3				
THL	HZ	165	52	EP		0821	7.915	0.26							0.9
THL	HN	165	52	ES		0821	0.396	-0.42							0.9
LSK	HZ	166	3	EP		0821	7.677	-0.14							0.9
LSK	HN	166	3	ES		0821	1.316	0.21							0.9
PENT	HZ	179	18	EP		0821	0.469	0.39							0.9
NEST	HZ	201	13	EP		0821	3.276	0.45							0.9
NEST	HN	201	13	ES		0821	0.406	0.23							0.9
NEST	HZ	201	13	IAML		0821	6.946			7	0.3				
ITM	HZ	207	142	EP		0821	3.428	-0.10							0.9
ITM	HN	207	142	ES		0821	1.425	-0.01							0.9

October 22 2022 Hour: 15:38 27.4 Lat: 42.01N Lon: 20.55E D: 7.1 Ag: TIR Local
Magnitudes: 2.3ML TIR Rms: 0.7 secs
13 km SE of Kukes

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	37	194	EP		1538	3.988	-0.08							1.0
PHP	HN	37	194	ES		1538	8.802	-0.68							1.0
PHP	HZ	37	194	IAML		1538	8.882			135	0.1				
PUK	HZ	54	275	EP		1538	6.461	-0.69							1.0
PUK	HN	54	275	ES		1538	5.294	0.22							1.0
PUK	HZ	54	275	IAML		1538	7.233			99	0.3				
BCI	HZ	56	316	EP		1538	7.794	0.28							1.0
BCI	HE	56	316	ES		1538	6.015	0.29							1.0
BCI	HZ	56	316	IAML		1538	7.962			104	0.2				
SDA	HZ	87	274	EP		1538	3.146	0.37							1.0
SDA	HE	87	274	ES		1538	5.533	0.28							1.0
SDA	HZ	87	274	IAML		1538	9.253			28	0.5				
TIR	HZ	92	218	EP		1538	3.384	-0.36							1.0

TIR	HE	92	218	ES		1538	6.978	-0.02							1.0
PDG	HZ	116	294	EP		1538	6.697	-0.97							1.0
PDG	HN	116	294	ES		1539	2.984	-1.12							1.0
PDG	HZ	116	294	IAML		1539	6.297		24	0.3					
BARS	BZ	138	49	EP		1538	1.076	-0.28							1.0
BARS	BN	138	49	ES		1539	1.107	0.32							1.0
SJES	BZ	147	342	EP		1538	3.803	0.86							1.0
SJES	BE	147	342	ES		1539	3.833	0.18							1.0
BERA	HZ	153	199	EP		1538	5.155	1.32							1.0
BERA	HN	153	199	ES		1539	5.740	0.47							1.0
BERA	HZ	153	199	IAML		1539	0.412		18	0.9					
BOSS	SZ	167	70	EP		1538	7.159	0.89							0.9
BOSS	SE	167	70	ES		1539	8.343	-1.32							0.9
NEST	HZ	182	166	EP		1538	9.061	0.56							0.9
NEST	HN	182	166	ES		1539	3.365	-0.35							0.9
NEST	HZ	182	166	IAML		1539	6.880		11	0.7					

October 22 2022 Hour: 23:56 28.1 Lat: 39.10N Lon: 19.99E D: 38.7 Ag: TIR Local
Magnitudes: 2.3ML TIR 2.7MW TIR Rms: 0.4 secs
63 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	67	121	EP		2356	1.263	0.23							1.0
KEK	HZ	70	346	EP		2356	1.967	0.58							1.0
KEK	HZ	70	346	IAML		2356	4.666		58	0.3					
SRN	HZ	86	0	EP		2356	3.960	0.26							1.0
SRN	HZ	86	0	IAML		2356	5.375		24	0.2					
JAN	HZ	96	50	EP		2356	5.299	0.28							1.0
VLS	HZ	115	153	EP		2356	6.837	-0.57							1.0
SCTE	HZ	170	310	EP		2356	4.405	0.01							0.9
ITM	HZ	272	141	EP		2357	7.564	-0.04							0.8
TIP	HZ	280	273	EP		2357	8.727	0.14							0.8
PHP	HZ	289	7	EP		2357	9.810	0.01							0.8
PHP	HZ	289	7	IAML		2357	1.358		5	0.2					
PUK	HZ	327	359	EP		2357	4.095	-0.52							0.8
PENT	HZ			EP		2356	2.089								
PENT	HE			ES		2357	1.645								
IGT	HZ			EP		2356	9.981								
IGT	HZ	56	31	IAML		2356	9.095		90	0.2					
LKD2	HN			ES		2356	0.089								
IGT	HE			ES		2356	8.075								
KEK	HN			ES		2356	1.855								
SRN	HE			ES		2356	4.890								
JAN	HN			ES		2356	7.380								
LSK	HZ	127	24	IAML		2357	8.560		17	0.3					
LSK	HZ			EP		2356	9.608								
NOCI	HZ	313	308	EP		2357	2.044	-0.71							0.8

October 23 2022 Hour: 20:48 24.3 Lat: 39.45N Lon: 20.55E D: 21.5 Ag: TIR Local
Magnitudes: 2.3ML TIR 2.8MW TIR Rms: 0.3 secs
39 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	21	296	EP		2048	9.698	0.14							1.0
IGT	HN	21	296	ES		2048	3.650	-0.15							1.0
IGT	HZ	21	296	IAML		2048	4.600		396	0.1					
JAN	HZ	34	48	EP		2048	1.476	0.10							1.0
JAN	HE	34	48	ES		2048	6.907	-0.18							1.0
SRN	HZ	67	315	EP		2048	6.308	-0.15							1.0
SRN	HN	67	315	ES		2048	6.399	0.11							1.0
SRN	HZ	67	315	IAML		2048	2.441		29	0.3					
KEK	HZ	71	295	EP		2048	7.118	0.03							1.0
KEK	HE	71	295	ES		2048	7.035	-0.40							1.0
KEK	HZ	71	295	IAML		2048	6.640		42	0.4					
LKD2	HZ	74	173	EP		2048	7.484	-0.08							1.0
LKD2	HN	74	173	ES		2048	8.301	0.00							1.0

LSK	HZ	78	3	EP	2048	8.653	0.41										1.0
LSK	HN	78	3	ES	2048	9.420	-0.10										1.0
LSK	HZ	78	3	IAML	2048	8.568		40	0.8								
PENT	HZ	97	31	EP	2048	1.407	0.04										1.0
PENT	HN	97	31	ES	2048	5.519	0.34										1.0
NEST	HZ	115	21	EP	2048	4.513	0.24										1.0
NEST	HN	115	21	ES	2049	0.597	0.16										1.0
NEST	HZ	115	21	IAML	2049	6.706		32	0.4								
THL	HZ	126	84	EP	2048	5.809	-0.13										1.0
THL	HE	126	84	ES	2049	2.751	-0.70										1.0
VLS	HZ	141	179	EP	2048	8.781	0.47										1.0
VLS	HN	141	179	ES	2049	7.913	0.16										1.0
BERA	HN	148	340	ES	2049	9.718	-0.01										1.0
BERA	HZ	148	340	IAML	2049	3.091		22	0.4								
SCTE	HZ	192	292	EP	2048	4.688	-0.32										0.9

October 25 2022 Hour: 2:31 22.8 Lat: 38.84N Lon: 20.98E D: 1.2 Ag: TIR Local
Magnitudes: 2.1ML TIR 2.8MW TIR Rms: 0.5 secs
113 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
LKD2	HZ	29	258	EP		0231	8.447	0.51							1.0	
LKD2	HE	29	258	ES		0231	2.201	0.14							1.0	
VLS	HZ	81	205	EP		0231	6.141	-1.22							1.0	
JAN	HZ	91	353	EP		0231	0.164	1.06							1.0	
JAN	HN	91	353	ES		0231	2.114	-0.16							1.0	
IGT	HZ	95	324	EP		0231	9.779	0.01							1.0	
IGT	HN	95	324	ES		0231	3.502	0.03							1.0	
IGT	HZ	95	324	IAML		0232	5.127		21	0.4						
THL	HZ	120	48	EP		0231	4.393	0.18							1.0	
THL	HN	120	48	ES		0232	1.216	-0.30							1.0	
KEK	HZ	140	314	EP		0231	7.405	-0.18							1.0	
KEK	HN	140	314	ES		0232	7.345	-0.28							1.0	
KEK	HZ	140	314	IAML		0232	5.426		22	0.6						
SRN	HZ	143	324	EP		0231	8.028	0.06							1.0	
SRN	HN	143	324	ES		0232	8.216	-0.10							1.0	
SRN	HZ	143	324	IAML		0232	2.637		11	0.7						
PENT	HZ	151	5	EP		0231	9.339	-0.06							1.0	
PENT	HN	151	5	ES		0232	1.233	0.33							1.0	
KZN	HZ	176	22	EP		0231	3.033	-0.58							0.9	
ITM	HZ	203	155	EP		0231	8.192	0.88							0.9	
ITM	HN	203	155	ES		0232	5.544	0.30							0.9	
BERA	HZ	225	337	EP		0232	0.106	0.01							0.9	
BERA	HN	225	337	ES		0232	0.245	-0.03							0.9	
BERA	HZ	225	337	IAML		0232	4.234		7	0.3						
PLG	HZ	272	50	EP		0232	5.791	-0.39							0.9	
PUK	HZ	367	346	EP		0232	8.088	-0.38							0.8	

October 26 2022 Hour: 10:38 15.4 Lat: 38.72N Lon: 20.72E D: 20.6 Ag: TIR Local
Magnitudes: 2.2ML TIR Rms: 0.5 secs
113 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
LKD2	HZ	9	325	EP		1038	9.276	-0.08							1.0	
LKD2	HN	9	325	ES		1038	2.547	-0.02							1.0	
VLS	HZ	62	190	EP		1038	6.065	-0.55							1.0	
VLS	HN	62	190	ES		1038	5.474	-0.23							1.0	
IGT	HZ	96	340	EP		1038	2.444	0.25							1.0	
IGT	HE	96	340	ES		1038	5.960	0.16							1.0	
IGT	HZ	96	340	IAML		1038	7.035		22	0.4						
JAN	HZ	104	6	EP		1038	3.815	0.20							1.0	
JAN	HN	104	6	ES		1038	8.642	0.27							1.0	
KEK	HZ	135	324	EP		1038	8.889	0.36							1.0	
KEK	HE	135	324	ES		1038	7.168	-0.09							1.0	
KEK	HZ	135	324	IAML		1039	6.391		31	0.4						
SRN	HZ	142	335	EP		1038	0.059	0.45							1.0	

SRN	HN	142	335	ES		1038	7.936	-1.28									1.0
SRN	HZ	142	335	IAML		1039	9.214			9	0.5						
THL	HZ	146	50	EP		1038	0.393	0.23									1.0
THL	HE	146	50	ES		1038	9.268	-0.96									1.0
PENT	HZ	167	12	EP		1038	3.579	0.36									0.9
NEST	HZ	190	9	EP		1038	6.244	0.15									0.9
NEST	HE	190	9	ES		1039	1.081	0.13									0.9
NEST	HZ	190	9	IAML		1039	7.199			16	0.6						
ITM	HZ	202	148	EP		1038	8.427	0.90									0.9
ITM	HE	202	148	ES		1039	3.421	-0.12									0.9

October 27 2022 Hour: 16:54 54.3 Lat: 41.11N Lon: 20.31E D: 7.4 Ag: TIR Local
Magnitudes: 2.1ML TIR 2.5MW TIR Rms: 0.5 secs
8 km S of Librazhd

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	46	305	EP		1655	2.691	0.07							1.0
TIR	HN	46	305	ES		1655	9.628	0.30							1.0
TIR	HZ	46	305	IAML		1655	2.595			56	0.6				
BERA	HZ	55	214	EP		1655	4.336	0.16							1.0
BERA	HE	55	214	ES		1655	1.114	-1.03							1.0
BERA	HZ	55	214	IAML		1655	2.616			86	0.7				
PHP	HZ	65	10	EP		1655	5.652	-0.34							1.0
PHP	HN	65	10	ES		1655	5.445	0.02							1.0
PHP	HZ	65	10	IAML		1655	7.693			54	0.4				
KBN	HZ	67	143	EP		1655	7.025	0.57							1.0
KBN	HE	67	143	ES		1655	6.361	0.09							1.0
KBN	HZ	67	143	IAML		1655	8.409			35	0.7				
NEST	HZ	99	141	EP		1655	2.109	0.22							1.0
NEST	HN	99	141	ES		1655	5.284	-0.82							1.0
NEST	HZ	99	141	IAML		1655	7.238			24	0.4				
LSK	HZ	109	167	EP		1655	3.435	-0.14							1.0
LSK	HE	109	167	ES		1655	9.222	0.07							1.0
LSK	HZ	109	167	IAML		1655	8.069			14	0.7				
PUK	HZ	109	342	EP		1655	3.040	-0.51							1.0
PUK	HE	109	342	ES		1655	9.366	0.26							1.0
PUK	HZ	109	342	IAML		1655	1.502			21	0.4				
PENT	HZ	123	145	EP		1655	6.368	0.46							1.0
SDA	HZ	124	327	EP		1655	5.686	-0.32							1.0
SDA	HN	124	327	ES		1655	3.633	0.07							1.0
SDA	HZ	124	327	IAML		1655	6.387			16	0.3				
SRN	HZ	139	191	EP		1655	8.530	0.06							1.0
SRN	HE	139	191	ES		1655	8.745	0.74							1.0
SRN	HZ	139	191	IAML		1655	8.177			15	2.7				
BCI	HZ	141	352	EP		1655	9.322	0.51							1.0
BCI	HN	141	352	ES		1655	7.691	-0.95							1.0
BCI	HZ	141	352	IAML		1655	9.260			22	0.4				
KZN	HZ	152	125	EP		1655	0.566	-0.15							1.0
KEK	HZ	161	196	EP		1655	2.832	0.68							0.9
KEK	HE	161	196	ES		1655	3.830	-0.85							0.9
KEK	HZ	161	196	IAML		1655	0.002			19	1.4				
PDG	HZ	171	330	EP		1655	3.706	-0.01							0.9
PDG	HE	171	330	ES		1655	8.105	0.60							0.9
PDG	HZ	171	330	IAML		1655	0.853			19	0.3				
IGT	HZ	175	179	EP		1655	4.425	-0.08							0.9
IGT	HE	175	179	ES		1655	9.366	0.44							0.9
IGT	HZ	175	179	IAML		1656	9.788			8	1.3				

October 28 2022 Hour: 16:52 23.4 Lat: 39.47N Lon: 20.38E D: 8.4 Ag: TIR Local
Magnitudes: 2.6ML TIR 3.0MW TIR Rms: 0.4 secs
26 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	8	331	EP		1652	5.524	0.05							1.0
IGT	HN	8	331	ES		1652	6.895	-0.26							1.0
IGT	HZ	8	331	IAML		1652	7.575			6087	0.1				

JAN	HZ	46	63	EP	1652	1.568	-0.14										1.0
SRN	HZ	56	325	EP	1652	3.458	0.01										1.0
SRN	HE	56	325	ES	1652	1.545	-0.03										1.0
SRN	HZ	56	325	IAML	1652	9.974		62	0.3								
KEK	HZ	56	299	EP	1652	3.939	0.35										1.0
KEK	HN	56	299	ES	1652	1.933	0.10										1.0
KEK	HZ	56	299	IAML	1652	1.507		164	0.5								
LSK	HZ	78	14	EP	1652	7.609	0.33										1.0
LSK	HE	78	14	ES	1652	9.292	0.77										1.0
LSK	HZ	78	14	IAML	1652	1.618		111	0.7								
LKD2	HZ	80	162	EP	1652	7.994	0.41										1.0
LKD2	HN	80	162	ES	1652	8.778	-0.29										1.0
PENT	HZ	104	39	EP	1652	1.646	0.04										1.0
PENT	HN	104	39	ES	1652	5.955	-0.39										1.0
NEST	HZ	119	29	EP	1652	4.260	0.01										1.0
NEST	HN	119	29	ES	1653	0.700	-0.44										1.0
NEST	HZ	119	29	IAML	1653	8.564		30	0.4								
BERA	HZ	141	345	IAML	1653	1.628		45	0.5								
THL	HZ	141	85	EP	1652	8.095	0.27										1.0
THL	HN	141	85	ES	1653	7.823	0.22										1.0
BERA	HN	141	345	ES	1653	7.422	-0.24										1.0
SCTE	HZ	177	293	EP	1652	2.679	-0.94										0.9
SCTE	HN	177	293	ES	1653	8.359	0.27										0.9
PLG	HZ	281	68	EP	1653	6.748	-0.28										0.8

October 28 2022 Hour: 18:46 51.7 Lat: 39.23N Lon: 20.58E D: 3.8 Ag: TIR Local
Magnitudes: 2.3ML TIR 2.9MW TIR Rms: 0.3 secs

58 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	40	327	EP		1846	8.949	0.16							1.0
IGT	HN	40	327	ES		1847	4.875	0.35							1.0
IGT	HZ	40	327	IAML		1847	7.924		137	0.2					
LKD2	HZ	50	172	EP		1847	0.997	0.35							1.0
LKD2	HN	50	172	ES		1847	7.963	0.08							1.0
JAN	HZ	52	26	EP		1847	0.943	-0.13							1.0
JAN	HE	52	26	ES		1847	8.458	-0.20							1.0
KEK	HZ	86	308	EP		1847	6.524	-0.52							1.0
KEK	HN	86	308	ES		1847	9.351	-0.12							1.0
KEK	HZ	86	308	IAML		1847	4.593		66	0.2					
SRN	HZ	87	325	EP		1847	6.900	-0.42							1.0
SRN	HN	87	325	ES		1847	0.051	0.08							1.0
SRN	HZ	87	325	IAML		1847	4.379		24	0.2					
LSK	HZ	102	1	EP		1847	0.395	0.52							1.0
LSK	HN	102	1	ES		1847	5.120	0.53							1.0
LSK	HZ	102	1	IAML		1847	5.666		48	0.7					
PENT	HZ	117	24	EP		1847	2.300	-0.13							1.0
PENT	HN	117	24	ES		1847	9.160	-0.05							1.0
THL	HZ	129	73	EP		1847	4.381	0.05							1.0
THL	HE	129	73	ES		1847	2.397	-0.26							1.0
NEST	HZ	137	17	EP		1847	6.126	0.35							1.0
NEST	HZ	137	17	IAML		1847	2.973		24	0.4					
KZN	HZ	157	40	EP		1847	9.012	-0.03							1.0
BERA	HZ	172	342	EP		1847	0.874	-0.63							0.9
ITM	HZ	257	152	EP		1847	2.691	-0.10							0.9

October 28 2022 Hour: 19:43 41.4 Lat: 40.74N Lon: 21.21E D: 8.7 Ag: TIR Local
Magnitudes: 2.4ML TIR Rms: 0.5 secs

22 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	38	250	EP		1943	8.737	0.27							1.0
KBN	HE	38	250	ES		1943	3.560	-0.59							1.0
KBN	HZ	38	250	IAML		1943	7.662		173	0.2					
NEST	HZ	39	201	EP		1943	8.925	0.31							1.0
NEST	HN	39	201	ES		1943	4.545	0.12							1.0

NEST	HZ	39	201	IAML	1943	5.081		581	0.3					
PENT	HZ	61	186	EP	1943	2.602	0.11							1.0
PENT	HN	61	186	ES	1944	1.630	0.19							1.0
KZN	HZ	68	135	EP	1943	3.769	0.11							1.0
KZN	HN	68	135	ES	1944	3.904	0.35							1.0
LSK	HZ	84	218	EP	1943	5.913	-0.42							1.0
LSK	HN	84	218	ES	1944	7.649	-0.75							1.0
BERA	HZ	107	268	EP	1944	0.182	0.11							1.0
BERA	HN	107	268	ES	1944	5.362	0.20							1.0
BERA	HZ	107	268	IAML	1944	0.900		50	0.4					1.0
PHP	HZ	123	329	EP	1944	1.702	-1.11							1.0
PHP	HN	123	329	ES	1944	0.022	-0.10							1.0
PHP	HZ	123	329	IAML	1944	5.607		36	0.5					1.0
JAN	HZ	124	194	EP	1944	3.026	-0.05							1.0
JAN	HN	124	194	ES	1944	0.433	-0.16							1.0
TIR	HZ	132	301	EP	1944	4.264	0.04							1.0
TIR	HE	132	301	ES	1944	2.755	0.07							1.0
TIR	HZ	132	301	IAML	1944	1.548		23	0.4					1.0
SRN	HZ	141	227	EP	1944	6.221	0.50							1.0
SRN	HN	141	227	ES	1944	6.003	0.61							1.0
SRN	HZ	141	227	IAML	1944	8.850		20	0.9					1.0
THL	HZ	148	152	EP	1944	6.196	-0.72							1.0
THL	HN	148	152	ES	1944	6.718	-0.83							1.0
THE	HZ	149	94	EP	1944	7.544	0.44							1.0
IGT	HZ	154	209	EP	1944	7.627	-0.33							1.0
IGT	HN	154	209	ES	1944	8.794	-0.64							1.0
IGT	HZ	154	209	IAML	1944	6.094		40	0.3					1.0
KEK	HZ	166	227	EP	1944	1.309	1.35							0.9
KEK	HN	166	227	ES	1944	3.234	0.17							0.9
KEK	HZ	166	227	IAML	1944	2.983		38	0.5					0.9
PUK	HZ	182	323	EP	1944	1.985	-0.36							0.9
PUK	HN	182	323	ES	1944	7.756	0.37							0.9
PUK	HZ	182	323	IAML	1944	6.724		13	0.5					0.9
PLG	HZ	194	102	EP	1944	3.860	0.01							0.9
LKD2	HZ	222	192	EP	1944	8.456	0.97							0.9

October 28 2022 Hour: 20: 2 56.2 Lat: 41.06N Lon: 19.68E D: 11.0 Ag: TIR Local
Magnitudes: 2.2ML TIR 2.7MW TIR Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	36	26	EP		2003	3.233	0.36							1.0
TIR	HN	36	26	ES		2003	8.133	-0.15							1.0
TIR	HZ	36	26	IAML		2003	0.585			132	0.2				
BERA	HZ	46	150	EP		2003	4.515	0.02							1.0
BERA	HN	46	150	ES		2003	1.407	0.19							1.0
BERA	HZ	46	150	IAML		2003	4.439			90	0.2				
PHP	HZ	94	42	IAML		2003	8.586			18	0.3				
PUK	HZ	111	9	EP		2003	5.548	0.12							1.0
PUK	HE	111	9	ES		2003	1.115	0.11							1.0
PUK	HZ	111	9	IAML		2003	5.644			23	0.3				
LSK	HZ	127	142	EP		2003	7.804	-0.38							1.0
LSK	HE	127	142	ES		2003	5.386	-0.62							1.0
LSK	HZ	127	142	IAML		2003	3.556			22	0.8				
SRN	HZ	134	168	EP		2003	0.127	0.96							1.0
SRN	HN	134	168	ES		2003	7.738	-0.04							1.0
SRN	HZ	134	168	IAML		2003	2.384			15	0.3				
NEST	HZ	136	121	EP		2003	9.948	0.32							1.0
NEST	HZ	136	121	IAML		2003	0.293			24	0.3				
BCI	HZ	149	12	EP		2003	1.739	-0.01							1.0
BCI	HN	149	12	ES		2003	1.638	-0.81							1.0
BCI	HZ	149	12	IAML		2003	7.510			23	0.5				
KEK	HZ	150	176	EP		2003	1.565	-0.30							1.0
KEK	HN	150	176	ES		2003	1.751	-0.90							1.0
PENT	HZ	156	127	EP		2003	3.241	0.24							1.0

PENT	HE	156	127	ES	2003	4.891	0.17										1.0
PDG	HZ	156	347	EP	2003	2.829	-0.12										1.0
PDG	HZ	156	347	IAML	2003	6.697		13	0.6								
IGT	HZ	178	162	EP	2003	7.154	0.84										0.9
IGT	HZ	178	162	IAML	2003	1.271		11	0.4								

October 29 2022 Hour: 21:54 34.1 Lat: 40.00N Lon: 19.64E D: 14.8 Ag: TIR Local
Magnitudes: 2.7ML TIR 3.2MW TIR Rms: 0.6 secs
14 km SW of Himare

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	34	114	EP		2154	9.472	-1.07							1.0
SRN	HN	34	114	ES		2154	4.957	-0.77							1.0
SRN	HZ	34	114	IAML		2154	8.728			283	0.3				
KEK	HZ	35	157	EP		2154	0.634	-0.12							1.0
KEK	HN	35	157	ES		2154	6.537	0.42							1.0
KEK	HZ	35	157	IAML		2154	1.726			550	0.5				
VLO	HZ	53	347	EP		2154	4.070	0.29							1.0
VLO	HN	53	347	ES		2154	1.956	0.35							1.0
VLO	HZ	53	347	IAML		2154	7.748			453	0.6				
IGT	HZ	79	131	EP		2154	7.564	-0.45							1.0
IGT	HN	79	131	ES		2155	0.162	0.90							1.0
IGT	HZ	79	131	IAML		2155	7.229			101	0.3				
BERA	HZ	82	18	EP		2154	8.012	-0.55							1.0
BERA	HE	82	18	ES		2155	0.290	0.05							1.0
BERA	HZ	82	18	IAML		2155	5.844			203	0.5				
LSK	HZ	83	78	EP		2154	7.841	-0.96							1.0
LSK	HN	83	78	ES		2155	1.008	0.33							1.0
LSK	HZ	83	78	IAML		2155	3.352			146	0.6				
SCTE	HZ	101	275	EP		2154	2.205	0.59							1.0
SCTE	HN	101	275	ES		2155	6.161	0.38							1.0
JAN	HZ	110	110	EP		2154	3.422	0.15							1.0
JAN	HE	110	110	ES		2155	9.965	1.18							1.0
KBN	HZ	119	54	EP		2154	4.325	-0.48							1.0
KBN	HE	119	54	ES		2155	1.922	0.38							1.0
KBN	HZ	119	54	IAML		2155	1.375			69	0.5				
NEST	HZ	128	69	EP		2154	6.524	0.23							1.0
NEST	HN	128	69	ES		2155	4.337	0.08							1.0
NEST	HZ	128	69	IAML		2155	6.534			72	0.6				
PENT	HZ	129	80	EP		2154	5.851	-0.64							1.0
PENT	HN	129	80	ES		2155	5.220	0.62							1.0
TIR	HZ	151	7	EP		2155	0.157	0.19							1.0
TIR	HN	151	7	ES		2155	1.293	0.40							1.0
TIR	HZ	151	7	IAML		2155	2.350			33	0.6				
LKD2	HZ	161	147	EP		2155	1.579	0.04							0.9
LKD2	HN	161	147	ES		2155	4.029	0.29							0.9
KZN	HZ	185	79	EP		2155	4.870	0.14							0.9
KZN	HN	185	79	ES		2155	9.655	0.13							0.9
PHP	HZ	199	20	EP		2155	6.525	0.00							0.9
PHP	HN	199	20	ES		2155	2.778	0.02							0.9
PHP	HZ	199	20	IAML		2155	9.793			24	0.6				
THL	HZ	209	103	EP		2155	8.103	0.34							0.9
THL	HN	209	103	ES		2155	4.820	-0.18							0.9
VLS	HZ	218	158	EP		2155	8.079	-0.94							0.9
VLS	HE	218	158	ES		2155	7.578	0.31							0.9
PUK	HN	228	5	ES		2155	9.729	0.19							0.9
PUK	HZ	228	5	IAML		2155	9.038			20	0.5				
SDA	HZ	228	357	EP		2155	9.753	-0.42							0.9
SDA	HZ	228	357	IAML		2155	9.463			15	0.8				
PUK	HZ	228	5	EP		2155	0.282	0.02							0.9
NOCI	HZ	236	293	EP		2155	2.526	1.30							0.9
NOCI	HN	236	293	ES		2155	2.100	0.83							0.9
TIP	HZ	264	251	EP		2155	4.290	-0.61							0.9
PDG	HZ	272	353	EP		2155	4.633	-1.15							0.9
PDG	HZ	272	353	IAML		2156	2.756			15	0.7				

MRVN	HZ	315	293	EP	2155	1.065-0.33									0.8
PLG	HZ	326	82	EP	2155	2.649-0.23									0.8
SJES	BZ	363	4	EP	2155	7.515-0.16									0.8
ITM	HZ	371	147	EP	2155	8.097-0.49									0.8
SGRT	HZ	382	302	EP	2155	8.381-1.66									0.8
NVR	HZ	387	66	EP	2155	0.534-0.14									0.8

October 30 2022 Hour: 0: 9 44.5 Lat: 40.65N Lon: 19.72E D: 15.7 Ag: TIR Local
Magnitudes: 2.7ML TIR 3.2MW TIR Rms: 0.4 secs
6 km NW of Ballsh

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA	HZ	20	75	EP		0009	8.805-0.21								1.0
BERA	HN	20	75	ES		0009	2.553-0.09								1.0
BERA	HZ	20	75	IAML		0009	3.253			936	0.2				
VLO	HZ	28	223	EP		0009	0.175-0.00								1.0
VLO	HE	28	223	ES		0009	4.808 0.07								1.0
VLO	HZ	28	223	IAML		0009	7.198			7122	0.4				
TIR	HZ	78	9	EP		0009	8.945 0.67								1.0
TIR	HN	78	9	ES		0010	9.609 0.21								1.0
TIR	HZ	78	9	IAML		0010	0.646			58	0.3				
SRN	HZ	89	164	EP		0010	0.149-0.02								1.0
SRN	HN	89	164	ES		0010	2.633-0.20								1.0
SRN	HZ	89	164	IAML		0010	6.363			104	0.6				
KBN	HZ	90	92	EP		0009	9.941-0.46								1.0
KBN	HN	90	92	ES		0010	2.763-0.47								1.0
KBN	HZ	90	92	IAML		0010	2.548			77	0.5				
LSK	HZ	93	127	EP		0010	0.689-0.21								1.0
LSK	HN	93	127	ES		0010	5.032 0.88								1.0
LSK	HZ	93	127	IAML		0010	3.296			132	0.6				
KEK	HZ	105	176	EP		0010	3.064 0.30								1.0
KEK	HN	105	176	ES		0010	7.364-0.16								1.0
KEK	HZ	105	176	IAML		0010	0.377			162	0.3				
NEST	HZ	116	103	EP		0010	4.190-0.44								1.0
NEST	HE	116	103	ES		0010	0.873-0.03								1.0
NEST	HZ	116	103	IAML		0010	8.616			91	0.4				
SCTE	HZ	125	239	EP		0010	5.711-0.32								1.0
PHP	HZ	129	28	EP		0010	6.247-0.62								1.0
PHP	HZ	129	28	IAML		0010	2.748			63	0.3				
PENT	HZ	131	113	EP		0010	7.300 0.17								1.0
IGT	HZ	135	157	EP		0010	8.351 0.53								1.0
IGT	HE	135	157	ES		0010	6.610-0.06								1.0
IGT	HZ	135	157	IAML		0010	1.453			80	0.4				
JAN	HZ	147	139	EP		0010	0.340 0.58								1.0
JAN	HN	147	139	ES		0010	9.983-0.20								1.0
PUK	HZ	155	5	EP		0010	1.632 0.61								1.0
PUK	HE	155	5	ES		0010	2.541 0.07								1.0
PUK	HZ	155	5	IAML		0010	6.406			38	0.2				
SDA	HZ	156	353	EP		0010	0.986-0.16								1.0
SDA	HN	156	353	ES		0010	2.409-0.28								1.0
SDA	HZ	156	353	IAML		0010	1.104			20	0.2				
KZN	HZ	178	102	EP		0010	4.559 0.33								0.9
KZN	HN	178	102	ES		0010	8.702 0.43								0.9
BCI	HZ	192	9	EP		0010	6.886 0.90								0.9
BCI	HN	192	9	ES		0010	1.276-0.18								0.9
BCI	HZ	192	9	IAML		0010	5.797			44	0.4				
PDG	HZ	201	349	EP		0010	6.247-0.77								0.9
PDG	HZ	201	349	IAML		0010	6.468			20	0.5				
LKD2	HZ	222	158	EP		0010	8.869-0.96								0.9
THL	HZ	230	121	EP		0010	1.498 0.72								0.9
THL	HN	230	121	ES		0010	9.553-0.58								0.9
SJES	BZ	290	4	EP		0010	8.622-0.02								0.8
BOSS	SZ	307	47	EP		0010	0.602-0.10								0.8

October 31 2022 Hour: 1:121.3 Lat: 38.78N Lon: 20.58E D: 6.2 Ag: TIR Local
 Magnitudes: 2.0ML TIR 3.0MW TIR Rms: 0.7 secs
 104 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	7	77	EP		0101	3.240	0.19							1.0
LKD2	HN	7	77	ES		0101	4.636	0.20							1.0
VLS	HZ	66	179	EP		0101	2.977	-0.27							1.0
VLS	HN	66	179	ES		0101	2.956	0.07							1.0
IGT	HZ	87	346	EP		0101	6.110	-0.73							1.0
IGT	HE	87	346	ES		0101	8.923	-0.47							1.0
IGT	HZ	87	346	IAML		0101	1.793			22	0.3				
JAN	HZ	101	13	EP		0101	8.476	-0.69							1.0
JAN	HN	101	13	ES		0101	3.500	-0.10							1.0
KEK	HZ	124	327	EP		0101	3.168	0.11							1.0
KEK	HN	124	327	ES		0102	1.580	0.94							1.0
KEK	HZ	124	327	IAML		0102	8.644			28	0.4				
SRN	HZ	132	338	EP		0101	5.454	1.02							1.0
SRN	HN	132	338	ES		0102	3.577	0.43							1.0
SRN	HZ	132	338	IAML		0102	8.674			8	0.1				
THL	HZ	152	54	EP		0101	6.907	-0.76							1.0
THL	HE	152	54	ES		0102	0.095	1.11							1.0
LSK	HZ	153	1	EP		0101	8.682	0.82							1.0
LSK	HN	153	1	ES		0102	9.446	0.10							1.0
LSK	HZ	153	1	IAML		0102	3.838			16	0.5				
PENT	HZ	165	17	EP		0101	8.269	-1.64							0.9
NEST	HZ	186	12	EP		0101	3.935	0.73							0.9
NEST	HN	186	12	ES		0102	8.578	-0.44							0.9
NEST	HZ	186	12	IAML		0102	2.799			8	0.5				
KZN	HZ	198	31	EP		0101	4.913	0.18							0.9
KBN	HZ	206	5	EP		0101	5.757	0.07							0.9
KBN	HN	206	5	ES		0102	3.539	0.03							0.9
KBN	HZ	206	5	IAML		0102	3.165			4	1.1				
ITM	HZ	213	146	EP		0101	6.623	0.10							0.9
ITM	HE	213	146	ES		0102	5.389	0.37							0.9
BERA	HZ	221	346	EP		0101	7.412	-0.07							0.9
BERA	HN	221	346	ES		0102	6.860	0.09							0.9
BERA	HZ	221	346	IAML		0102	0.341			7	0.9				
PUK	HZ	368	351	EP		0102	4.413	-1.99							0.8
PUK	HZ	368	351	IAML		0103	8.683			1	0.8				

October 31 2022 Hour: 13:21 34.5 Lat: 39.98N Lon: 19.69E D: 17.1 Ag: TIR Local
 Magnitudes: 2.6ML TIR 3.0MW TIR Rms: 0.3 secs
 13 km S of Himare

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	29	114	EP	D	1321	9.826	-0.50							1.0
SRN	HE	29	114	ES		1321	4.840	-0.21							1.0
SRN	HZ	29	114	IAML		1321	2.963			237	0.2				
KEK	HZ	31	163	EP	C	1321	0.946	0.19							1.0
KEK	HN	31	163	ES		1321	5.942	0.12							1.0
KEK	HZ	31	163	IAML		1321	0.978			449	0.5				
VLO	HZ	56	343	EP		1321	4.809	0.10							1.0
VLO	HE	56	343	ES		1321	3.114	0.14							1.0
VLO	HZ	56	343	IAML		1321	8.087			330	0.2				
IGT	HZ	74	132	EP		1321	7.692	0.01							1.0
IGT	HN	74	132	ES		1321	8.376	0.02							1.0
IGT	HZ	74	132	IAML		1322	7.590			71	0.3				
LSK	HZ	80	76	EP		1321	8.925	0.34							1.0
LSK	HN	80	76	ES		1322	0.036	0.05							1.0
LSK	HZ	80	76	IAML		1322	2.809			2125	0.7				
BERA	HZ	83	15	EP		1321	8.819	-0.24							1.0
BERA	HN	83	15	ES		1322	1.105	0.25							1.0
BERA	HZ	83	15	IAML		1322	5.453			105	0.2				
SCTE	HZ	105	276	EP		1321	2.539	-0.22							1.0

SCTE	HN	105	276	ES	1322	7.831	0.29			1.0
NEST	HZ	125	67	EP	1321	5.816	-0.33			1.0
NEST	HZ	125	67	IAML	1322	9.882		61	0.4	
PENT	HZ	126	79	EP	1321	6.225	-0.01			1.0
LKD2	HZ	157	148	EP	1322	1.386	0.23			1.0
KZN	HZ	181	78	EP	1322	3.956	-0.41			0.9
PHP	HZ	199	18	EP	1322	6.452	-0.25			0.9
PHP	HZ	199	18	IAML	1322	4.118		17	0.6	
THL	HZ	204	102	EP	1322	7.731	0.44			0.9
VLS	HZ	215	159	EP	1322	8.744	0.04			0.9
PUK	HZ	229	4	EP	1322	0.409	-0.18			0.9
PUK	HZ	229	4	IAML	1322	9.937		13	0.6	
NOCI	HZ	240	293	EP	1322	1.663	-0.29			0.9
NOCI	HE	240	293	ES	1322	2.176	-0.11			0.9
BCI	HZ	266	7	EP	1322	5.750	0.44			0.9
MRVN	HZ	319	293	EP	1322	1.707	-0.41			0.8
PLG	HZ	322	81	EP	1322	3.024	0.53			0.8