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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>.

January 1 2023 Hour: 5: 2 11.5 Lat: 39.66N Lon: 20.66E D: 17.5 Ag: TIR Local
 Magnitudes: 2.3ML TIR Rms: 0.2 secs
 40 km E of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JAN	HZ	17	90	EP		0502	5.824	0.04							1.0
JAN	HN	17	90	ES		0502	8.893	-0.36							1.0
IGT	HZ	31	244	EP		0502	7.598	-0.12							1.0
IGT	HE	31	244	ES		0502	2.656	-0.10							1.0
IGT	HZ	31	244	IAML		0502	3.692			123	0.1				1.0
SRN	HZ	61	294	EP		0502	2.662	0.11							1.0
SRN	HE	61	294	ES		0502	1.565	0.06							1.0
PENT	HZ	73	34	EP		0502	4.593	0.11							1.0
PENT	HN	73	34	ES		0502	4.942	-0.06							1.0
KEK	HZ	74	275	EP		0502	4.540	-0.07							1.0
KEK	HE	74	275	ES		0502	5.522	0.30							1.0
KEK	HZ	74	275	IAML		0502	1.732			110	0.3				1.0
NEST	HZ	91	22	EP		0502	7.708	0.26							1.0
NEST	HE	91	22	ES		0502	0.321	-0.04							1.0
NEST	HZ	91	22	IAML		0502	2.466			42	0.3				1.0
LKD2	HZ	96	180	EP		0502	8.533	0.20							1.0
KBN	HZ	108	6	EP		0502	0.195	-0.11							1.0
THL	HZ	117	95	EP		0502	2.374	0.61							1.0
THL	HN	117	95	ES		0502	8.146	-0.03							1.0
KZN	HZ	120	52	EP		0502	2.081	-0.14							1.0
BERA	HZ	131	333	EP		0502	3.951	-0.11							1.0
VLS	HZ	164	182	EP		0502	8.894	-0.24							0.9
SCTE	HZ	193	285	EP		0502	2.348	-0.44							0.9
PLG	HZ	251	71	EP		0502	0.340	0.05							0.9

January 1 2023 Hour: 5:33 26.3 Lat: 41.84N Lon: 20.76E D: 14.4 Ag: TIR Local
 Magnitudes: 2.4ML TIR Rms: 0.3 secs
 32 km NE of Peshkopi

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	76	288	EP		0533	9.547	-0.13							1.0
PUK	HZ	76	288	IAML		0533	2.619			69	0.2				1.0
BCI	HZ	82	316	EP		0533	0.920	0.18							1.0
BCI	HZ	82	316	IAML		0533	5.137			217	0.3				1.0
LACI	HZ	90	256	EP		0533	2.215	0.25							1.0
LACI	HN	90	256	ES		0533	4.216	-0.46							1.0
LACI	HZ	90	256	IAML		0533	5.762			42	0.4				1.0
TIR	HZ	93	234	EP		0533	2.435	0.01							1.0
TIR	HZ	93	234	IAML		0534	0.745			58	0.5				1.0
SDA	HZ	107	283	EP		0533	5.061	0.17							1.0
SDA	HZ	107	283	IAML		0534	4.878			19	0.2				1.0
KBN	HZ	135	179	EP		0533	9.085	-0.41							1.0
KBN	HE	135	179	ES		0534	8.420	0.11							1.0
KBN	HZ	135	179	IAML		0534	1.349			33	0.4				1.0
PDG	HZ	141	298	EP		0533	0.478	0.06							1.0
PDG	HZ	141	298	IAML		0534	4.097			29	0.3				1.0
BERA	HZ	143	209	EP		0533	1.265	0.40							1.0
BERA	HZ	143	209	IAML		0534	4.708			34	0.3				1.0
NEST	HZ	160	171	EP		0533	3.098	-0.52							0.9
NEST	HZ	160	171	IAML		0534	8.330			72	0.5				0.9
PENT	HZ	185	170	EP		0533	7.414	0.43							0.9
KZN	HZ	190	153	EP		0533	7.354	-0.23							0.9
SRN	HZ	227	197	EP		0534	2.878	0.68							0.9
KEK	HZ	250	199	EP		0534	5.339	0.18							0.9
KEK	HZ	250	199	IAML		0534	1.517			16	0.4				0.9
IGT	HZ	259	188	EP		0534	6.650	0.33							0.9
IGT	HZ	259	188	IAML		0534	1.852			9	0.7				0.9
NVR	HZ	264	101	EP		0534	7.104	0.02							0.9
THL	HZ	274	157	EP		0534	7.939	-0.28							0.8
SCTE	HZ	275	225	EP		0534	8.505	0.06							0.8

PLG	HZ	278	125	EP	0534	8.536	-0.27										0.8
NOCI	HZ	331	251	EP	0534	5.341	-0.27										0.8
MRVN	HZ	391	259	EP	0534	2.882	-0.49										0.7

January 1 2023 Hour: 11:29 28.4 Lat: 41.48N Lon: 20.31E D: 12.6 Ag: TIR Local
Magnitudes: 3.1ML TIR Rms: 0.5 secs
8 km E of Bulqize

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	40	249	EP		1129	5.896	0.05							1.0
TIR	HE	40	249	ES		1129	1.834	-0.03							1.0
TIR	HZ	40	249	IAML		1129	3.610			903	0.2				
LACI	HZ	53	290	EP		1129	7.555	-0.37							1.0
LACI	HE	53	290	ES		1129	5.500	-0.13							1.0
LACI	HZ	53	290	IAML		1129	8.798			560	0.5				
PUK	HZ	72	331	EP		1129	1.262	0.10							1.0
PUK	HE	72	331	ES		1129	1.711	0.22							1.0
PUK	HZ	72	331	IAML		1129	4.782			246	0.2				
BERA	HZ	91	200	EP		1129	3.893	-0.45							1.0
BERA	HN	91	200	ES		1129	7.749	0.50							1.0
BERA	HZ	91	200	IAML		1129	9.816			242	0.2				
SDA	HZ	93	314	EP		1129	4.192	-0.41							1.0
SDA	HN	93	314	ES		1129	7.454	-0.26							1.0
SDA	HZ	93	314	IAML		1130	1.691			226	0.3				
BPA2	HZ	101	215	EP		1129	5.666	-0.36							1.0
BCI	HZ	101	348	EP		1129	6.378	0.41							1.0
BCI	HN	101	348	ES		1130	0.620	0.44							1.0
BCI	HZ	101	348	IAML		1130	8.007			299	0.8				
KBN	HZ	103	157	EP		1129	7.142	0.84							1.0
KBN	HZ	103	157	IAML		1130	9.682			239	0.8				
NEST	HZ	133	152	EP		1129	1.917	0.53							1.0
NEST	HE	133	152	ES		1130	8.996	-1.01							1.0
NEST	HZ	133	152	IAML		1130	0.511			202	0.3				
PDG	HZ	137	321	EP		1129	1.442	-0.54							1.0
PDG	HN	137	321	ES		1130	1.330	0.26							1.0
PDG	HZ	137	321	IAML		1130	7.967			251	0.5				
PENT	HZ	158	154	EP		1129	6.127	0.54							0.9
KZN	HZ	179	136	EP		1129	9.162	0.65							0.9
SRN	HZ	179	189	EP		1129	8.608	0.14							0.9
SRN	HZ	179	189	IAML		1130	8.670			82	0.6				
KEK	HZ	201	193	EP		1130	1.154	-0.08							0.9
KEK	HN	201	193	ES		1130	8.367	0.54							0.9
KEK	HZ	201	193	IAML		1130	3.519			81	0.7				
IGT	HZ	216	180	EP		1130	3.384	0.19							0.9
IGT	HZ	216	180	IAML		1130	4.758			55	0.8				
THE	HZ	242	112	EP		1130	5.770	-0.71							0.9
THE	HZ	242	112	IAML		1130	2.422			16	0.6				
PLG	HZ	291	114	EP		1130	2.488	-0.33							0.8
NVR	HZ	297	92	EP		1130	3.161	-0.50							0.8
LKD2	HZ	300	174	EP		1130	3.334	-0.65							0.8

January 1 2023 Hour: 16:42 59.6 Lat: 39.80N Lon: 21.36E D:166.0 Ag: TIR Local
Magnitudes: 2.3ML TIR Rms: 0.5 secs
82 km SE of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PENT	HZ	48	337	EP		1643	3.570	0.50							1.0
THL	HZ	62	115	EP		1643	2.944	-0.54							1.0
THL	HN	62	115	ES		1643	2.296	-0.52							1.0
NEST	HZ	73	339	EP		1643	4.129	-0.08							1.0
NEST	HN	73	339	ES		1643	4.842	0.72							1.0
NEST	HZ	73	339	IAML		1643	6.827			5	0.5				
IGT	HZ	93	252	EP		1643	5.675	0.41							1.0
IGT	HN	93	252	ES		1643	6.048	0.00							1.0
IGT	HZ	93	252	IAML		1643	9.206			21	0.8				
SRN	HZ	117	275	EP		1643	6.889	0.01							1.0

SRN	HN	117	275	ES		1643	8.489	-0.47								1.0
SRN	HZ	117	275	IAML		1643	0.546			8	0.5					
LKD2	HZ	128	209	EP		1643	8.016	0.20								1.0
LKD2	HN	128	209	ES		1643	1.365	0.72								1.0
KEK	HZ	134	266	EP		1643	7.895	-0.41								1.0
KEK	HZ	134	266	IAML		1643	8.672			15	3.5					
KEK	HN	134	266	ES		1643	0.966	-0.57								1.0

January 3 2023 Hour: 4:26 34.6 Lat: 37.67N Lon: 20.96E D: 7.7 Ag: TIR Local
Magnitudes: 2.6ML TIR 2.9MW TIR Rms: 0.5 secs
230 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	64	330	EP		0426	6.731	0.54							1.0
VLS	HE	64	330	ES		0426	5.890	0.30							1.0
ITM	HZ	102	122	EP		0426	2.706	0.20							1.0
ITM	HE	102	122	ES		0427	7.181	0.17							1.0
LKD2	HZ	126	348	EP		0426	5.241	-1.36							1.0
LKD2	HN	126	348	ES		0427	4.579	0.14							1.0
IGT	HZ	213	345	EP		0427	9.026	-0.59							0.9
IGT	HE	213	345	ES		0427	8.067	0.09							0.9
IGT	HZ	213	345	IAML		0427	1.019			11	1.2				
JAN	HZ	220	358	EP		0427	9.540	-0.99							0.9
JAN	HE	220	358	ES		0427	9.729	0.10							0.9
THL	HZ	229	23	EP		0427	1.821	0.21							0.9
THL	HE	229	23	ES		0427	1.657	0.07							0.9
KEK	HZ	248	336	EP		0427	4.058	0.04							0.9
KEK	HN	248	336	ES		0427	6.544	0.59							0.9
KEK	HZ	248	336	IAML		0428	6.252			21	0.6				
SRN	HZ	259	342	EP		0427	5.613	0.24							0.9
SRN	HZ	259	342	IAML		0428	1.202			10	1.1				
PENT	HZ	280	3	EP		0427	8.540	0.24							0.8
NEST	HZ	304	1	EP		0427	1.735	0.37							0.8
NEST	HZ	304	1	IAML		0428	8.813			10	0.9				
KBN	HZ	328	357	EP		0427	4.443	0.10							0.8
BERA	HZ	347	346	EP		0427	6.298	-0.46							0.8
BERA	HZ	347	346	IAML		0428	9.712			7	2.4				

January 3 2023 Hour: 11:23 42.5 Lat: 40.07N Lon: 20.51E D: 32.2 Ag: TIR Local
Magnitudes: 3.0ML TIR 3.4MW TIR Rms: 0.6 secs
21 km E of Libohove

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	49	244	EP		1123	1.845	-0.45							1.0
SRN	HE	49	244	ES		1123	9.392	-0.83							1.0
SRN	HZ	49	244	IAML		1124	1.236			852	0.3				
JAN	HZ	55	148	EP		1123	3.305	0.13							1.0
JAN	HE	55	148	ES		1124	1.734	-0.09							1.0
PENT	HZ	55	75	EP		1123	3.398	0.07							1.0
NEST	HZ	60	50	EP	C	1123	4.111	0.16							1.0
NEST	HN	60	50	ES		1124	3.365	0.15							1.0
NEST	HZ	60	50	IAML		1124	6.420			323	0.3				
IGT	HZ	62	194	EP		1123	4.107	-0.11							1.0
IGT	HN	62	194	ES		1124	3.692	-0.01							1.0
IGT	HZ	62	194	IAML		1124	6.513			696	0.4				
KBN	HZ	66	21	EP		1123	4.566	-0.25							1.0
KBN	HE	66	21	ES		1124	4.288	-0.50							1.0
KBN	HZ	66	21	IAML		1124	2.625			272	0.5				
KEK	HZ	73	237	EP		1123	5.578	-0.28							1.0
KEK	HE	73	237	ES		1124	6.681	0.01							1.0
KEK	HZ	73	237	IAML		1124	8.440			540	0.3				
BERA	HZ	85	326	EP		1123	7.142	-0.51							1.0
BERA	HE	85	326	ES		1124	0.162	0.25							1.0
BERA	HZ	85	326	IAML		1124	2.632			399	0.5				
VLO	HZ	97	297	EP		1124	0.296	0.76							0.2
VLO	HN	97	297	ES		1124	4.888	1.56							1.0

VLO	HZ	97	297	IAML	1124	7.267		675	0.6					
KZN	HZ	110	76	EP	1124	1.478-0.20								1.0
KZN	HN	110	76	ES	1124	7.563 0.36								1.0
THL	HZ	140	113	EP	1124	5.654 0.03								1.0
THL	HE	140	113	ES	1124	3.940-0.41								1.0
LKD2	HZ	143	175	EP	1124	6.284 0.28								1.0
LKD2	HN	143	175	ES	1124	5.317 0.29								1.0
TIR	HZ	152	339	EP	1124	8.153 1.06								1.0
TIR	HZ	152	339	IAML	1124	4.163		41	0.6					
SCTE	HZ	174	271	EP	1124	8.907-1.07								0.5
LACI	HN	186	339	ES	1124	3.474-1.49								0.9
LACI	HZ	186	339	IAML	1124	3.837		42	0.3					
VLS	HZ	210	178	EP	1124	4.859 0.23								0.9
VLS	HE	210	178	ES	1124	1.029 0.37								0.9
THE	HZ	217	73	EP	1124	5.295-0.20								0.9
THE	HZ	217	73	IAML	1124	2.683		19	0.4					
PUK	HZ	225	347	EP	1124	6.766 0.21								0.9
PUK	HZ	225	347	IAML	1124	4.395		20	0.4					
PLG	HZ	252	81	EP	1124	1.000 1.04								0.9
BCI	HZ	258	352	EP	1124	0.888 0.20								0.9
BCI	HZ	258	352	IAML	1125	0.752		39	1.0					
NVR	HZ	317	62	EP	1124	7.810-0.49								0.8
ITM	HZ	344	159	EP	1124	1.497-0.25								0.8
MRVN	HZ	382	288	EP	1124	4.247-2.36								0.2

January 4 2023 Hour: 13:29 59.5 Lat: 39.48N Lon: 20.34E D: 4.9 Ag: TIR Local
Magnitudes: 2.0ML TIR Rms: 0.3 secs

24 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	6	355	EP		1330	0.802-0.10								1.0
IGT	HE	6	355	ES		1330	1.595-0.48								1.0
IGT	HZ	6	355	IAML		1330	2.061		985	0.1					
JAN	HZ	48	65	EP		1330	8.230 0.08								1.0
JAN	HN	48	65	ES		1330	5.223 0.04								1.0
KEK	HZ	53	300	EP		1330	9.618 0.60								1.0
KEK	HZ	53	300	IAML		1330	3.062		56	0.3					
SRN	HZ	53	327	EP		1330	8.807-0.22								1.0
SRN	HN	53	327	ES		1330	7.097 0.33								1.0
SRN	HZ	53	327	IAML		1330	0.347		16	0.3					
KEK	HN	53	300	ES		1330	6.628-0.13								1.0
LKD2	HZ	81	160	EP		1330	4.428 0.43								1.0
LKD2	HN	81	160	ES		1330	6.061 0.29								1.0
PENT	HZ	105	40	EP		1330	8.527 0.37								1.0
NEST	HZ	121	30	EP		1330	0.495-0.22								1.0
NEST	HN	121	30	ES		1330	7.741-0.19								1.0
NEST	HZ	121	30	IAML		1330	4.117		15	0.6					
THL	HZ	144	86	EP		1330	4.405-0.23								1.0
THL	HE	144	86	ES		1330	5.278 0.25								1.0
VLS	HZ	146	171	EP		1330	4.570-0.33								1.0
VLS	HE	146	171	ES		1330	4.922-0.59								1.0

January 5 2023 Hour: 14:12 9.5 Lat: 39.69N Lon: 20.65E D: 16.3 Ag: TIR Local
Magnitudes: 2.1ML TIR Rms: 0.5 secs

40 km E of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JAN	HZ	17	101	EP		1412	3.587-0.13								1.0
JAN	HN	17	101	ES		1412	6.662-0.47								1.0
SRN	HZ	60	291	EP		1412	9.877-0.40								1.0
SRN	HE	60	291	ES		1412	8.946-0.05								1.0
SRN	HZ	60	291	IAML		1412	0.310		19	0.4					
PENT	HZ	70	36	EP		1412	2.343 0.30								1.0
PENT	HN	70	36	ES		1412	3.086 0.89								1.0
KEK	HZ	73	273	EP		1412	2.188-0.32								1.0
KEK	HN	73	273	ES		1412	3.176 0.14								1.0

KEK	HZ	73	273	IAML	1412	7.858		51	0.5				
NEST	HZ	88	23	EP	1412	5.481	0.54						1.0
NEST	HE	88	23	ES	1412	6.788	-0.66						1.0
NEST	HZ	88	23	IAML	1412	1.908		29	0.4				
LKD2	HZ	100	180	EP	1412	6.290	-0.58						1.0
LKD2	HE	100	180	ES	1412	2.032	1.10						1.0
KZN	HZ	118	54	EP	1412	9.508	-0.42						1.0
KZN	HE	118	54	ES	1412	6.564	0.10						1.0
THL	HZ	118	96	EP	1412	0.460	0.61						1.0
THL	HE	118	96	ES	1412	5.750	-0.58						1.0
BERA	HZ	128	332	EP	1412	2.237	0.68						1.0
BERA	HN	128	332	ES	1412	9.071	-0.34						1.0
BERA	HZ	128	332	IAML	1412	9.308		13	1.1				
VLS	HZ	168	182	EP	1412	7.649	-0.05						0.9
VLS	HN	168	182	ES	1413	0.113	-0.42						0.9

January 5 2023 Hour: 16:40 58.7 Lat: 40.09N Lon: 19.90E D: 14.7 Ag: TIR Local
Magnitudes: 2.5ML TIR 3.0MW TIR Rms: 0.6 secs
13 km E of Himare

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	24	160	EP		1641	3.316	-0.34							1.0
SRN	HN	24	160	ES		1641	7.897	0.20							1.0
SRN	HZ	24	160	IAML		1641	0.029			282	0.2				
KEK	HZ	43	192	EP		1641	6.236	-0.29							1.0
KEK	HN	43	192	ES		1641	3.024	0.12							1.0
KEK	HZ	43	192	IAML		1641	5.101			276	0.2				
VLO	HZ	55	321	EP		1641	8.927	0.39							1.0
VLO	HN	55	321	ES		1641	7.105	0.56							1.0
VLO	HZ	55	321	IAML		1641	2.998			252	0.5				
BERA	HZ	69	3	EP		1641	9.844	-0.96							1.0
BERA	HN	69	3	ES		1641	1.093	0.44							1.0
BERA	HZ	69	3	IAML		1641	1.494			174	0.3				
JAN	HZ	94	120	EP		1641	5.399	0.31							1.0
JAN	HN	94	120	ES		1641	8.622	0.22							1.0
KBN	HZ	96	51	EP		1641	4.876	-0.53							1.0
KBN	HN	96	51	ES		1641	9.225	0.25							1.0
KBN	HZ	96	51	IAML		1641	3.814			30	0.5				
NEST	HZ	104	69	EP		1641	6.252	-0.53							1.0
NEST	HN	104	69	ES		1641	1.594	0.13							1.0
NEST	HZ	104	69	IAML		1641	4.053			53	0.5				
SCTE	HZ	123	270	EP		1641	9.919	0.12							1.0
SCTE	HN	123	270	ES		1641	7.009	0.08							1.0
TIR	HZ	140	359	EP		1641	2.937	0.21							1.0
TIR	HN	140	359	ES		1641	2.647	0.42							1.0
TIR	HZ	140	359	IAML		1641	7.581			20	0.6				
LKD2	HZ	158	156	EP		1641	6.681	1.01							0.9
LKD2	HN	158	156	ES		1641	7.706	0.15							0.9
LACI	HZ	173	355	EP		1641	6.390	-1.26							0.9
LACI	HN	173	355	ES		1641	1.288	0.15							0.9
LACI	HZ	173	355	IAML		1641	4.226			23	0.7				
PHP	HZ	183	14	EP		1641	8.600	-0.45							0.9
PHP	HN	183	14	ES		1641	4.360	0.69							0.9
PHP	HZ	183	14	IAML		1642	1.502			15	0.3				
THL	HZ	190	107	EP		1641	0.307	0.48							0.9
THL	HN	190	107	ES		1641	4.927	-0.15							0.9
PUK	HZ	217	360	EP		1641	2.876	-0.57							0.9
PUK	HN	217	360	ES		1642	1.942	0.31							0.9
PUK	HZ	217	360	IAML		1642	9.568			13	0.3				
SDA	HZ	221	351	EP		1641	1.601	-2.18							0.9
SDA	HN	221	351	ES		1642	3.069	0.84							0.9
SDA	HZ	221	351	IAML		1642	2.859			5	0.4				
BCI	HZ	254	3	EP		1641	7.419	-0.64							0.9
BCI	HN	254	3	ES		1642	0.568	0.59							0.9
BCI	HZ	254	3	IAML		1642	9.858			12	0.3				

January 5 2023 Hour: 22:15 2.4 Lat: 42.03N Lon: 20.33E D: 12.6 Ag: TIR Local
Magnitudes: 2.4ML TIR 2.9MW TIR Rms: 0.5 secs
9 km SW of Kukes

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	36	273	EP		2215	8.696	-0.49							1.0
PUK	HN	36	273	ES		2215	4.886	0.17							1.0
PUK	HZ	36	273	IAML		2215	8.481			255	0.3				
PHP	HZ	39	166	EP		2215	8.988	-0.68							1.0
PHP	HN	39	166	ES		2215	4.783	-0.82							1.0
PHP	HZ	39	166	IAML		2215	5.514			472	0.4				
BCI	HZ	43	330	EP		2215	0.771	0.44							1.0
BCI	HN	43	330	ES		2215	7.225	0.42							1.0
BCI	HZ	43	330	IAML		2215	9.842			386	0.3				
LACI	HZ	67	230	EP		2215	4.248	0.03							1.0
LACI	HN	67	230	ES		2215	3.638	-0.20							1.0
LACI	HZ	67	230	IAML		2215	4.254			41	0.5				
SDA	HZ	69	272	EP		2215	4.430	-0.10							1.0
SDA	HN	69	272	ES		2215	4.315	-0.07							1.0
SDA	HZ	69	272	IAML		2215	6.021			22	0.1				
TIR	HZ	85	207	EP		2215	7.571	0.34							1.0
TIR	HN	85	207	ES		2215	9.392	0.11							1.0
TIR	HZ	85	207	IAML		2215	1.876			24	0.3				
PDG	HZ	99	297	EP		2215	8.609	-0.93							1.0
PDG	HN	99	297	ES		2215	3.385	-0.08							1.0
PDG	HZ	99	297	IAML		2215	6.224			39	0.2				
BERA	HZ	151	192	EP		2215	9.080	0.91							1.0
BERA	HN	151	192	ES		2215	9.595	0.51							1.0
BERA	HZ	151	192	IAML		2215	3.428			22	0.2				
KBN	HZ	161	166	EP		2215	0.311	0.43							0.9
KBN	HN	161	166	ES		2215	2.572	0.39							0.9
KBN	HZ	161	166	IAML		2215	7.425			17	0.5				
NEST	HZ	189	161	EP		2215	3.629	-0.15							0.9
NEST	HN	189	161	ES		2215	8.953	-0.28							0.9
NEST	HZ	189	161	IAML		2216	3.605			25	0.5				
SRN	HZ	240	187	EP		2215	0.526	0.32							0.9
SRN	HN	240	187	ES		2216	0.815	-0.05							0.9
SRN	HZ	240	187	IAML		2216	8.561			12	0.8				

January 6 2023 Hour: 0:57 16.3 Lat: 37.64N Lon: 20.54E D: 20.2 Ag: TIR Local
Magnitudes: 2.6ML TIR Rms: 0.1 secs
226 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	60	4	EP		0057	7.197	0.02							1.0
VLS	HN	60	4	ES		0057	5.955	-0.03							1.0
LKD2	HZ	128	5	EP		0057	8.296	0.04							1.0
JAN	HZ	225	7	EP		0057	1.790	0.27							0.9
KEK	HZ	239	345	EP		0057	3.203	-0.00							0.9
KEK	HZ	239	345	IAML		0058	2.660			19	0.7				
THL	HZ	249	31	EP		0057	4.363	-0.17							0.9
SRN	HZ	253	350	EP		0057	4.763	-0.22							0.9
SRN	HZ	253	350	IAML		0058	8.834			14	0.8				
NEST	HZ	311	8	EP		0058	2.649	0.08							0.8

January 6 2023 Hour: 20:55 35.9 Lat: 38.69N Lon: 20.54E D: 5.9 Ag: TIR Local
Magnitudes: 2.3ML TIR Rms: 0.8 secs
111 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	15	45	EP		2055	8.705	-0.05							1.0
LKD2	HN	15	45	ES		2055	0.970	-0.12							1.0
VLS	HZ	58	175	EP		2055	6.304	0.06							1.0
VLS	HN	58	175	ES		2055	4.648	0.01							1.0
JAN	HZ	110	14	EP		2055	5.037	-0.26							1.0
JAN	HN	110	14	ES		2056	1.933	0.90							1.0

KEK	HZ	130	331	EP		2055	9.140	0.60									1.0
KEK	HE	130	331	ES		2056	8.028	1.12									1.0
KEK	HZ	130	331	IAML		2056	0.820		32	0.6							
SRN	HZ	139	341	EP		2056	0.890	0.75									1.0
SRN	HE	139	341	ES		2056	9.234	-0.57									1.0
SRN	HZ	139	341	IAML		2056	5.088		16	0.5							
THL	HZ	160	52	EP		2056	2.934	-0.67									0.9
THL	HN	160	52	ES		2056	5.151	-0.92									0.9
PENT	HZ	174	17	EP		2056	6.561	0.50									0.9
PENT	HN	174	17	ES		2056	9.864	-0.64									0.9
NEST	HZ	196	13	EP		2056	9.880	0.89									0.9
NEST	HE	196	13	ES		2056	5.760	-0.05									0.9
NEST	HZ	196	13	IAML		2056	4.831		11	0.2							
ITM	HZ	208	144	EP		2056	0.260	-0.19									0.9
ITM	HN	208	144	ES		2056	9.390	0.94									0.9
BERA	HZ	228	347	EP		2056	3.141	0.10									0.9
BERA	HE	228	347	ES		2056	4.222	1.07									0.9
BERA	HZ	228	347	IAML		2056	2.894		14	0.6							
SCTE	HZ	235	311	EP		2056	1.742	-2.12									0.9
SCTE	HN	235	311	ES		2056	2.874	-1.75									0.9

January 7 2023 Hour: 16: 8 40.6 Lat: 38.69N Lon: 20.58E D: 8.3 Ag: TIR Local
Magnitudes: 2.0ML TIR Rms: 0.2 secs
112 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
LKD2	HZ	13	32	EP		1608	3.421	0.12							1.0	
LKD2	HN	13	32	ES		1608	5.416	-0.09							1.0	
VLS	HZ	57	179	EP		1608	1.131	0.21							1.0	
VLS	HN	57	179	ES		1608	9.054	-0.24							1.0	
KEK	HZ	132	329	EP		1609	3.534	0.07							1.0	
KEK	HN	132	329	ES		1609	1.974	-0.03							1.0	
KEK	HZ	132	329	IAML		1609	6.428		11	0.9						
THL	HZ	157	52	EP		1609	8.153	0.50							1.0	
THL	HN	157	52	ES		1609	9.408	-0.18							1.0	
PENT	HZ	174	16	EP		1609	0.074	-0.38							0.9	
NEST	HZ	195	12	EP		1609	3.352	0.03							0.9	
NEST	HN	195	12	ES		1609	9.818	-0.02							0.9	

January 7 2023 Hour: 21:23 29.8 Lat: 38.80N Lon: 21.26E D: 9.9 Ag: TIR Local
Magnitudes: 2.0ML TIR Rms: 0.6 secs
133 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
LKD2	HZ	53	269	EP		2123	9.976	0.59							1.0	
LKD2	HN	53	269	ES		2123	7.463	0.30							1.0	
VLS	HZ	91	221	EP		2123	4.492	-1.25							1.0	
VLS	HE	91	221	ES		2123	8.959	0.31							1.0	
JAN	HZ	101	340	EP		2123	7.006	-0.52							1.0	
JAN	HE	101	340	ES		2124	1.264	-0.62							1.0	
THL	HZ	107	37	EP		2123	8.602	0.23							1.0	
THL	HN	107	37	ES		2124	3.218	-0.20							1.0	
PENT	HZ	155	356	EP		2123	7.309	0.79							1.0	
KEK	HZ	162	309	EP		2123	7.221	-0.37							0.9	
KEK	HZ	162	309	IAML		2124	6.593		9	0.1						
NEST	HZ	180	354	EP		2124	1.272	0.88							0.9	

January 8 2023 Hour: 21:11 47.0 Lat: 39.41N Lon: 20.71E D: 13.6 Ag: TIR Local
Magnitudes: 2.8ML TIR 3.5MW TIR Rms: 0.7 secs
53 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JAN	HZ	30	23	EP		2111	1.930	-0.97							1.0
JAN	HE	30	23	ES		2111	7.127	-0.52							1.0
LKD2	HZ	69	184	EP		2111	8.988	-0.27							1.0
LKD2	HN	69	184	ES		2112	9.793	0.64							1.0
SRN	HZ	81	311	EP		2112	0.547	-0.65							1.0

SRN	HN	81	311	ES	2112	2.853	0.18										1.0
SRN	HZ	81	311	IAML	2112	6.466		239	0.4								
KEK	HZ	86	294	EP	2112	0.957	-1.09										1.0
KEK	HN	86	294	ES	2112	4.893	0.68										1.0
KEK	HZ	86	294	IAML	2112	2.293		468	0.5								
PENT	HZ	95	22	EP	2112	2.762	-0.87										1.0
THL	HZ	113	81	EP	2112	5.908	-0.73										1.0
THL	HE	113	81	ES	2112	3.308	0.80										1.0
NEST	HZ	115	14	EP	2112	6.679	-0.39										1.0
NEST	HN	115	14	ES	2112	4.243	0.95										1.0
NEST	HZ	115	14	IAML	2112	5.217		93	0.4								
TPE	HZ	115	329	EP	2112	6.467	-0.51										1.0
KBN	HZ	135	3	EP	2112	1.068	0.72										1.0
KBN	HN	135	3	ES	2112	0.165	0.95										1.0
KZN	HZ	135	42	EP	2112	9.307	-0.96										1.0
KZN	HE	135	42	ES	2112	9.591	0.50										1.0
KBN	HZ	135	3	IAML	2112	5.906		58	0.5								
VLS	HZ	137	185	EP	2112	1.144	0.54										1.0
VLS	HE	137	185	ES	2112	9.821	0.14										1.0
VLO	HZ	157	319	EP	2112	4.978	1.01										1.0
VLO	HN	157	319	ES	2112	5.719	-0.06										1.0
VLO	HZ	157	319	IAML	2112	0.154		110	0.8								
BERA	HZ	158	336	EP	2112	4.206	0.13										0.9
BERA	HN	158	336	ES	2112	6.595	0.62										0.9
BERA	HZ	158	336	IAML	2112	8.766		90	0.8								
BPA2	HZ	174	328	EP	2112	6.508	0.19										0.9
SCTE	HZ	206	292	EP	2112	9.257	-1.20										0.9
SCTE	HE	206	292	ES	2112	6.966	-0.55										0.9
THE	HZ	235	54	EP	2112	4.246	0.05										0.9
PHP	HZ	254	355	EP	2112	6.770	0.13										0.9
PHP	HN	254	355	ES	2112	8.755	0.03										0.9
PHP	HZ	254	355	IAML	2113	7.355		17	0.7								
PLG	HZ	257	64	EP	2112	6.399	-0.62										0.9
PLG	HE	257	64	ES	2112	9.048	-0.35										0.9
LACI	HZ	262	341	EP	2112	7.617	0.08										0.9
LACI	HZ	262	341	IAML	2113	6.948		22	0.5								
ITM	HZ	269	156	EP	2112	8.934	0.39										0.9
PUK	HZ	301	347	EP	2112	2.721	0.05										0.8
PUK	HE	301	347	ES	2113	8.666	-0.97										0.8
PUK	HZ	301	347	IAML	2113	5.730		8	0.6								
SDA	HZ	311	341	EP	2112	4.316	0.46										0.8
SDA	HZ	311	341	IAML	2113	2.284		12	2.3								
BCI	HZ	333	351	EP	2112	8.092	1.32										0.8
BCI	HZ	333	351	IAML	2113	4.111		18	2.0								
NOCI	HZ	347	297	EP	2112	8.852	0.32										0.8
BOSS	SZ	373	23	EP	2112	2.344	0.37										0.8

January 9 2023 Hour: 2:50 38.3 Lat: 40.37N Lon: 19.46E D: 21.9 Ag: TIR Local
Magnitudes: 3.6ML TIR 3.8MW TIR Rms: 0.7 secs
11 km S of Vlore

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLO	HZ	12	14	EP		0250	2.596	-0.03							1.0
VLO	HE	12	14	ES		0250	4.878	-1.22							1.0
VLO	HZ	12	14	IAML		0250	5.942		41784	0.2					
BPA2	HZ	42	18	EP		0250	7.779	1.23							1.0
BERA	HZ	55	48	EP		0250	7.887	-0.71							1.0
BERA	HN	55	48	ES		0250	7.309	0.40							1.0
BERA	HZ	55	48	IAML		0251	0.320		3703	0.3					
SRN	HZ	71	140	EP		0250	0.543	-0.54							1.0
SRN	HE	71	140	ES		0251	0.963	-0.45							1.0
SRN	HZ	71	140	IAML		0251	3.732		1169	0.7					
KEK	HZ	78	158	EP		0250	2.881	0.60							1.0
KEK	HE	78	158	ES		0251	3.071	-0.50							1.0
KEK	HZ	78	158	IAML		0251	4.939		1420	0.5					

BCI	HN	106	21	ES	1551	8.990	0.53								1.0
BCI	HZ	106	21	IAML	1551	4.161		24	0.2						
PDG	HZ	109	345	EP	1551	4.296	0.13								1.0
PDG	HN	109	345	ES	1551	9.968	0.42								1.0
PDG	HZ	109	345	IAML	1551	3.641		37	0.3						
NEST	HZ	169	134	EP	1551	3.904	0.48								0.9
NEST	HN	169	134	ES	1551	5.518	-0.79								0.9
NEST	HZ	169	134	IAML	1551	9.411		15	0.4						
SRN	HZ	181	169	EP	1551	6.000	1.24								0.9
SRN	HN	181	169	ES	1551	8.757	0.04								0.9
SRN	HZ	181	169	IAML	1551	1.433		4	0.3						
SCTE	HZ	184	212	EP	1551	5.697	0.55								0.9
SCTE	HN	184	212	ES	1551	7.495	-1.93								0.9
KEK	HZ	197	175	EP	1551	6.959	0.10								0.9
KEK	HN	197	175	ES	1551	3.177	0.66								0.9
KEK	HZ	197	175	IAML	1552	0.706		21	0.6						

January 10 2023 Hour: 23:14 32.9 Lat: 41.19N Lon: 20.03E D: 16.8 Ag: TIR Local
Magnitudes: 2.0ML TIR 2.8MW TIR Rms: 0.6 secs
10 km NW of Elbasan

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	22	322	EP		2314	7.931	0.20							1.0
TIR	HE	22	322	ES		2314	2.305	0.64							1.0
TIR	HZ	22	322	IAML		2314	6.007		90	0.3					
BERA	HZ	55	187	EP		2314	2.277	-0.52							1.0
BERA	HN	55	187	ES		2314	0.314	-0.52							1.0
BERA	HZ	55	187	IAML		2314	1.750		61	0.1					
LACI	HZ	56	333	EP		2314	2.418	-0.57							1.0
LACI	HE	56	333	ES		2314	1.182	0.01							1.0
LACI	HZ	56	333	IAML		2314	3.995		50	0.3					
PHP	HZ	65	32	EP		2314	3.887	-0.63							1.0
PHP	HN	65	32	ES		2314	2.824	-1.12							1.0
PHP	HZ	65	32	IAML		2314	6.954		33						
KBN	HZ	90	134	EP		2314	7.765	-0.90							1.0
KBN	HN	90	134	ES		2315	1.897	0.44							1.0
KBN	HZ	90	134	IAML		2315	0.816		11	1.0					
PUK	HZ	95	353	EP		2314	9.317	-0.25							1.0
PUK	HE	95	353	ES		2315	3.853	0.78							1.0
PUK	HZ	95	353	IAML		2315	6.990		19	0.5					
SDA	HZ	105	335	EP		2314	1.529	0.40							1.0
SDA	HN	105	335	ES		2315	6.857	0.95							1.0
NEST	HZ	122	135	EP		2314	4.192	0.18							1.0
NEST	HE	122	135	ES		2315	2.286	1.15							1.0
NEST	HZ	122	135	IAML		2315	6.840		14	0.6					
BCI	HZ	131	1	EP		2314	4.970	-0.45							1.0
BCI	HN	131	1	ES		2315	3.371	-0.30							1.0
BCI	HZ	131	1	IAML		2315	8.772		15	0.3					
PENT	HZ	145	139	EP		2314	8.770	0.98							1.0
SRN	HZ	146	181	EP		2314	7.737	-0.05							1.0
SRN	HN	146	181	ES		2315	7.961	0.00							1.0
PDG	HZ	152	335	EP		2314	8.211	-0.52							1.0
PDG	HN	152	335	ES		2315	9.026	-0.64							1.0
PDG	HZ	152	335	IAML		2315	0.613		15	0.5					
KEK	HZ	165	187	EP		2315	0.630	-0.09							0.9
KEK	HE	165	187	ES		2315	2.887	-0.37							0.9
SJES	BZ	230	359	EP		2315	0.018	0.88							0.9
SJES	BN	230	359	ES		2315	9.056	0.55							0.9

January 10 2023 Hour: 23:31 23.9 Lat: 41.19N Lon: 20.03E D: 19.1 Ag: TIR Local
 Magnitudes: 2.1ML TIR 2.8MW TIR Rms: 0.5 secs
 9 km N of Elbasan

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	22	321	EP		2331	9.201	0.23							1.0
TIR	HE	22	321	ES		2331	3.338	0.26							1.0
TIR	HZ	22	321	IAML		2331	6.262			79	0.3				
BERA	HZ	55	187	EP		2331	3.445	-0.51							1.0
BERA	HN	55	187	ES		2331	1.046	-1.06							1.0
BERA	HZ	55	187	IAML		2331	2.729			169	0.2				
LACI	HZ	56	332	EP		2331	3.485	-0.58							1.0
LACI	HN	56	332	ES		2331	2.437	0.13							1.0
LACI	HZ	56	332	IAML		2331	4.613			49	0.1				
BPA2	HZ	62	214	EP		2331	4.658	-0.44							1.0
BPA2	HE	62	214	ES		2331	4.616	0.44							1.0
PHP	HZ	64	32	EP		2331	5.032	-0.50							1.0
PHP	HN	64	32	ES		2331	4.464	-0.48							1.0
PHP	HZ	64	32	IAML		2331	6.697			36	0.1				
KBN	HZ	90	135	EP		2331	9.525	-0.20							1.0
KBN	HE	90	135	ES		2331	2.784	0.24							1.0
KBN	HZ	90	135	IAML		2332	1.622			17	0.7				
VLO	HZ	92	209	EP		2331	0.532	0.45							1.0
VLO	HE	92	209	ES		2331	3.838	0.65							1.0
VLO	HZ	92	209	IAML		2332	0.457			67	0.3				
PUK	HZ	95	353	EP		2331	0.320	-0.25							1.0
PUK	HE	95	353	ES		2331	4.299	0.22							1.0
PUK	HZ	95	353	IAML		2331	7.892			17	0.5				
SDA	HZ	105	335	EP		2331	2.258	0.11							1.0
SDA	HE	105	335	ES		2331	7.329	0.39							1.0
NEST	HZ	122	135	EP		2331	5.384	0.34							1.0
NEST	HN	122	135	ES		2332	2.401	0.23							1.0
NEST	HZ	122	135	IAML		2332	7.677			17	0.2				
BCI	HZ	130	1	EP		2331	5.936	-0.37							1.0
BCI	HN	130	1	ES		2332	5.233	0.77							1.0
BCI	HZ	130	1	IAML		2332	2.715			27	0.3				
PENT	HZ	145	139	EP		2331	9.293	0.61							1.0
PENT	HN	145	139	ES		2332	8.812	0.04							1.0
SRN	HZ	146	181	EP		2331	9.029	0.30							1.0
SRN	HN	146	181	ES		2332	8.988	0.15							1.0
SRN	HZ	146	181	IAML		2332	2.060			35	1.7				
PDG	HZ	151	335	EP		2331	9.634	0.04							1.0
PDG	HN	151	335	ES		2332	0.173	-0.24							1.0
PDG	HZ	151	335	IAML		2332	0.782			14	0.4				
KEK	HZ	166	187	EP		2331	0.820	-0.71							0.9
KEK	HN	166	187	ES		2332	3.982	0.06							0.9
KZN	HZ	177	123	EP		2331	3.792	0.73							0.9
KZN	HN	177	123	ES		2332	7.284	0.60							0.9
SCTE	HZ	182	227	EP		2331	3.086	-0.49							0.9
SCTE	HE	182	227	ES		2332	6.847	-0.76							0.9
SJES	BZ	230	359	EP		2332	0.486	0.62							0.9
SJES	BE	230	359	ES		2332	9.399	0.39							0.9
SJES	BZ	230	359	IAML		2332	5.272			65					
BOSS	SZ	248	54	EP		2332	1.958	-0.26							0.9
BOSS	SE	248	54	ES		2332	1.968	-1.28							0.9

January 11 2023 Hour: 0: 3 4.3 Lat: 38.39N Lon: 20.40E D: 10.3 Ag: TIR Local
 Magnitudes: 2.6ML TIR Rms: 0.7 secs
 142 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	29	144	EP		0003	9.735	-0.11							1.0
VLS	HN	29	144	ES		0003	3.645	-0.67							1.0
JAN	HZ	146	15	EP		0003	0.658	1.21							1.0
JAN	HE	146	15	ES		0003	9.412	-0.39							1.0

KEK	HZ	156	341	EP	0003	1.792	0.74										1.0
KEK	HN	156	341	ES	0003	1.190	-1.51										1.0
KEK	HE	156	341	ES	0003	3.464	0.77										1.0
KEK	HZ	156	341	IAML	0003	7.131			49	0.7							
SRN	HZ	169	348	EP	0003	3.659	0.43										0.9
SRN	HE	169	348	ES	0003	5.968	-0.68										0.9
SRN	HZ	169	348	IAML	0004	4.464			20	1.0							
ITM	HZ	190	134	EP	0003	5.744	-0.34										0.9
ITM	HN	190	134	ES	0004	1.956	0.15										0.9
THL	HZ	192	47	EP	0003	6.695	0.49										0.9
THL	HE	192	47	ES	0004	2.380	0.36										0.9
PENT	HZ	211	17	EP	0003	9.156	0.39										0.9
NEST	HZ	232	14	EP	0003	2.006	0.52										0.9
NEST	HN	232	14	ES	0004	0.272	-1.31										0.9

January 11 2023 Hour: 0: 6 38.5 Lat: 38.40N Lon: 20.42E D: 2.6 Ag: TIR Local
Magnitudes: 2.7ML TIR Rms: 0.4 secs

140 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
VLS	HZ	29	150	EP		0006	4.226	0.45							1.0	
VLS	HN	29	150	ES		0006	7.850	-0.18							1.0	
JAN	HZ	144	15	EP		0007	3.532	-0.25							1.0	
JAN	HN	144	15	ES		0007	3.937	-0.29							1.0	
KEK	HZ	155	340	EP		0007	5.590	-0.03							1.0	
KEK	HN	155	340	ES		0007	6.767	-0.80							1.0	
KEK	HZ	155	340	IAML		0007	4.260			44	0.9					
SRN	HZ	168	348	EP		0007	7.562	-0.18							0.9	
SRN	HE	168	348	ES		0007	1.225	-0.18							0.9	
SRN	HZ	168	348	IAML		0007	2.350			31	1.8					
THL	HZ	189	46	EP		0007	1.251	0.25							0.9	
THL	HE	189	46	ES		0007	7.484	0.18							0.9	
ITM	HZ	190	135	EP		0007	1.584	0.38							0.9	
ITM	HE	190	135	ES		0007	6.638	-1.02							0.9	
PENT	HZ	208	17	EP		0007	3.992	0.35							0.9	
NEST	HZ	229	13	EP		0007	6.411	0.04							0.9	
NEST	HE	229	13	ES		0007	7.225	0.21							0.9	
BERA	HZ	258	351	EP		0007	0.531	0.58							0.9	
BERA	HE	258	351	ES		0007	4.233	0.75							0.9	
BERA	HZ	258	351	IAML		0007	8.585			15	1.8					

January 11 2023 Hour: 10:50 34.9 Lat: 38.80N Lon: 21.24E D: 25.9 Ag: TIR Local
Magnitudes: 2.2ML TIR Rms: 0.2 secs

131 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
LKD2	HZ	51	268	EP		1050	4.878	0.21							1.0	
LKD2	HN	51	268	ES		1050	2.186	-0.37							1.0	
VLS	HZ	90	219	EP		1050	0.953	0.23							1.0	
VLS	HE	90	219	ES		1051	3.423	-0.08							1.0	
JAN	HZ	101	341	EP		1050	2.580	0.15							1.0	
JAN	HE	101	341	ES		1051	6.819	0.21							1.0	
THL	HZ	108	38	EP		1050	3.647	0.12							1.0	
THL	HN	108	38	ES		1051	8.333	-0.26							1.0	
SRN	HZ	160	319	EP		1051	1.408	0.23							0.9	
SRN	HN	160	319	ES		1051	2.501	0.07							0.9	
KEK	HZ	160	310	EP		1051	0.935	-0.26							0.9	
NEST	HZ	180	355	EP		1051	3.592	-0.19							0.9	
NEST	HE	180	355	ES		1051	7.051	-0.09							0.9	
NEST	HZ	180	355	IAML		1051	5.605			12	0.7					

January 11 2023 Hour: 19:34 58.5 Lat: 38.84N Lon: 21.21E D: 10.3 Ag: TIR Local
 Magnitudes: 2.4ML TIR Rms: 0.5 secs
 127 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	48	264	EP		1935	7.707	0.38							1.0
LKD2	HN	48	264	ES		1935	5.218	0.77							1.0
VLS	HZ	91	216	EP		1935	3.819	-0.66							1.0
VLS	HN	91	216	ES		1935	7.113	-0.26							1.0
JAN	HZ	96	341	EP		1935	5.641	0.31							1.0
JAN	HN	96	341	ES		1935	8.527	-0.41							1.0
THL	HZ	107	41	EP		1935	6.712	-0.38							1.0
THL	HE	107	41	ES		1935	2.597	0.49							1.0
SRN	HZ	156	318	EP		1935	5.845	0.61							1.0
SRN	HN	156	318	ES		1935	5.981	-0.87							1.0
SRN	HZ	156	318	IAML		1935	1.174			25	0.9				
KEK	HZ	156	309	EP		1935	5.192	-0.06							1.0
KEK	HN	156	309	ES		1935	6.796	-0.09							1.0
KEK	HZ	156	309	IAML		1935	2.254			49	0.6				
KZN	HZ	170	16	EP		1935	7.244	-0.48							0.9
KZN	HE	170	16	ES		1935	1.015	-0.34							0.9
NEST	HZ	176	356	EP		1935	8.606	0.09							0.9
NEST	HE	176	356	ES		1935	3.928	1.13							0.9
NEST	HZ	176	356	IAML		1935	9.116			23	0.8				
KBN	HZ	202	350	EP		1935	2.024	0.21							0.9
KBN	HZ	202	350	IAML		1936	6.071			11	0.6				
BERA	HZ	233	333	EP		1935	6.035	0.22							0.9
BERA	HE	233	333	ES		1936	5.262	-0.73							0.9
BERA	HZ	233	333	IAML		1936	2.762			10	0.5				

January 13 2023 Hour: 10:47 41.1 Lat: 39.19N Lon: 20.93E D: 1.5 Ag: TIR Local
 Magnitudes: 2.0ML TIR Rms: 0.3 secs
 82 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	51	208	EP		1047	9.861	-0.38							1.0
LKD2	HE	51	208	ES		1047	8.030	0.43							1.0
JAN	HZ	52	353	EP		1047	9.879	-0.50							1.0
JAN	HN	52	353	ES		1047	7.902	0.05							1.0
THL	HZ	102	66	EP		1047	9.468	0.08							1.0
THL	HN	102	66	ES		1048	4.559	0.40							1.0
SRN	HZ	110	314	EP		1048	0.770	-0.06							1.0
SRN	HE	110	314	ES		1048	7.313	0.54							1.0
VLS	HZ	117	195	EP		1048	1.782	-0.17							1.0
VLS	HE	117	195	ES		1048	8.724	-0.08							1.0
NEST	HZ	136	4	EP		1048	5.039	-0.11							1.0
NEST	HE	136	4	ES		1048	4.366	-0.23							1.0
NEST	HZ	136	4	IAML		1048	0.532			11	0.7				

January 13 2023 Hour: 15:19 12.1 Lat: 39.06N Lon: 20.66E D: 18.1 Ag: TIR Local
 Magnitudes: 2.5ML TIR Rms: 0.4 secs
 78 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	30	181	EP		1519	8.869	0.63							1.0
JAN	HZ	68	14	EP		1519	4.229	-0.06							1.0
JAN	HE	68	14	ES		1519	3.347	-0.83							1.0
VLS	HZ	98	184	EP		1519	8.816	-0.43							1.0
VLS	HE	98	184	ES		1519	3.009	-0.13							1.0
KEK	HZ	104	314	EP		1519	0.189	0.01							1.0
KEK	HN	104	314	ES		1519	4.519	-0.32							1.0
KEK	HZ	104	314	IAML		1519	9.788			74	0.3				
SRN	HZ	107	328	EP		1519	1.209	0.47							1.0
SRN	HE	107	328	ES		1519	5.803	-0.05							1.0
SRN	HZ	107	328	IAML		1520	0.191			17	0.3				
LSK	HZ	121	357	EP		1519	2.848	-0.23							1.0

LSK	HN	121	357	ES		1519	1.038	0.95								1.0
LSK	HZ	121	357	IAML		1520	7.221		60	0.7						
THL	HZ	129	64	EP		1519	4.232	-0.11								1.0
THL	HE	129	64	ES		1519	2.573	0.19								1.0
NEST	HZ	154	12	EP		1519	8.262	-0.05								1.0
NEST	HZ	154	12	IAML		1520	9.109		22	0.3						

January 13 2023 Hour: 20:20 16.9 Lat: 41.48N Lon: 20.07E D: 11.7 Ag: TIR Local
Magnitudes: 2.9ML TIR 3.3MW TIR Rms: 0.4 secs

4 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	22	229	EP		2020	1.407	-0.04							1.0
TIR	HE	22	229	ES		2020	5.075	-0.01							1.0
TIR	HZ	22	229	IAML		2020	4.893		244	0.6					
LACI	HZ	34	301	EP		2020	2.890	-0.45							1.0
LACI	HN	34	301	ES		2020	8.712	0.20							1.0
LACI	HZ	34	301	IAML		2020	6.136		578	0.4					
PHP	HZ	39	54	EP		2020	4.317	0.17							1.0
PHP	HN	39	54	ES		2020	0.112	0.14							1.0
PUK	HZ	64	347	EP		2020	8.523	0.09							1.0
PUK	HN	64	347	ES		2020	7.906	0.17							1.0
PUK	HZ	64	347	IAML		2020	5.098		170	0.2					
BERA	HZ	87	187	EP		2020	1.359	-0.76							1.0
BERA	HE	87	187	ES		2020	5.148	0.75							1.0
BERA	HZ	87	187	IAML		2020	0.880		164	0.3					
BCI	HZ	99	0	EP		2020	4.246	0.12							1.0
BCI	HE	99	0	ES		2020	8.222	0.18							1.0
BCI	HZ	99	0	IAML		2020	5.253		155	0.4					
KBN	HZ	113	147	EP		2020	6.913	0.44							1.0
KBN	HN	113	147	ES		2020	2.511	0.23							1.0
KBN	HZ	113	147	IAML		2020	8.821		67	0.5					
VLO	HZ	122	203	EP		2020	8.113	0.12							1.0
VLO	HN	122	203	ES		2020	4.780	-0.27							1.0
VLO	HZ	122	203	IAML		2021	4.323		134	0.4					
PDG	HZ	125	328	EP		2020	7.615	-0.88							1.0
PDG	HE	125	328	ES		2020	5.881	-0.07							1.0
PDG	HZ	125	328	IAML		2021	2.012		95	0.5					
TPE	HZ	132	182	EP		2020	9.627	0.04							1.0
TPE	HN	132	182	ES		2020	7.353	-0.58							1.0
TPE	HZ	132	182	IAML		2021	8.562		152	0.8					
NEST	HZ	144	145	EP		2020	1.860	0.11							1.0
NEST	HE	144	145	ES		2021	1.090	-0.75							1.0
NEST	HZ	144	145	IAML		2021	0.857		116	0.6					
LSK	HZ	154	163	EP		2020	3.709	0.29							1.0
LSK	HN	154	163	ES		2021	5.102	0.25							1.0
LSK	HZ	154	163	IAML		2021	7.809		156	0.6					
SRN	HZ	178	182	EP		2020	7.254	0.38							0.9
SRN	HN	178	182	ES		2021	0.569	-0.54							0.9
SRN	HZ	178	182	IAML		2021	2.525		39	0.6					
KZN	HZ	194	132	EP		2020	9.552	0.50							0.9
KZN	HN	194	132	ES		2021	4.847	-0.21							0.9
KEK	HZ	197	187	EP		2020	0.353	0.92							0.9
KEK	HN	197	187	ES		2021	6.042	0.29							0.9
KEK	HZ	197	187	IAML		2021	8.032		63	1.0					
SCTE	HZ	206	221	EP		2020	1.095	0.51							0.9
THL	HZ	269	142	EP		2020	8.945	0.34							0.9
LKD2	HZ	303	170	EP		2021	2.497	-0.49							0.8
PLG	HZ	310	112	EP		2021	3.370	-0.51							0.8
NVR	HZ	318	91	EP		2021	3.891	-1.04							0.8

January 13 2023 Hour: 20:52 3.4 Lat: 41.48N Lon: 20.06E D: 11.1 Ag: TIR Local
 Magnitudes: 2.4ML TIR 3.0MW TIR Rms: 0.3 secs
 3 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	22	227	EP		2052	7.792	-0.04							1.0
TIR	HE	22	227	ES		2052	1.551	0.13							1.0
TIR	HZ	22	227	IAML		2052	6.208			150	0.5				
LACI	HZ	33	301	EP		2052	9.641	-0.01							1.0
LACI	HE	33	301	ES		2052	4.856	0.15							1.0
LACI	HZ	33	301	IAML		2052	0.749			219	0.5				
PHP	HZ	39	55	EP		2052	0.899	0.26							1.0
PHP	HN	39	55	ES		2052	6.200	-0.29							1.0
PHP	HZ	39	55	IAML		2052	8.269			568	0.2				
PUK	HZ	64	347	EP		2052	4.851	0.07							1.0
PUK	HE	64	347	ES		2052	4.060	0.05							1.0
PUK	HZ	64	347	IAML		2052	7.304			88	0.2				
BERA	HZ	87	186	EP		2052	7.866	-0.76							1.0
BERA	HZ	87	186	IAML		2052	7.234			47	0.3				
BCI	HZ	98	0	EP		2052	0.886	0.38							1.0
BCI	HE	98	0	ES		2052	4.284	-0.07							1.0
BCI	HZ	98	0	IAML		2052	1.588			57	0.5				
KBN	HZ	113	147	EP		2052	3.136	0.10							1.0
KBN	HE	113	147	ES		2052	8.860	-0.08							1.0
KBN	HZ	113	147	IAML		2052	1.909			27	0.9				
PDG	HZ	124	328	EP		2052	4.268	-0.56							1.0
PDG	HN	124	328	ES		2052	1.773	-0.40							1.0
PDG	HZ	124	328	IAML		2052	9.057			33	0.2				
NEST	HZ	145	145	EP		2052	8.256	-0.06							1.0
NEST	HZ	145	145	IAML		2052	3.447			41	0.6				
LSK	HZ	155	163	EP		2052	0.197	0.23							1.0
LSK	HN	155	163	ES		2052	1.394	-0.09							1.0
LSK	HZ	155	163	IAML		2053	4.202			51	0.5				
KZN	HZ	195	132	EP		2052	5.684	0.01							0.9
KEK	HZ	198	186	EP		2052	6.473	0.47							0.9
KEK	HZ	198	186	IAML		2053	7.222			24	0.8				
SJES	BZ	198	358	EP		2052	6.673	0.55							0.9
SCTE	HZ	206	221	EP		2052	7.198	0.11							0.9

January 13 2023 Hour: 20:52 55.1 Lat: 41.47N Lon: 20.08E D: 7.3 Ag: TIR Local
 Magnitudes: 2.0ML TIR 2.6MW TIR Rms: 0.2 secs
 4 km S of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	23	234	EP		2052	9.137	-0.23							1.0
TIR	HE	23	234	ES		2053	2.904	0.09							1.0
TIR	HZ	23	234	IAML		2053	6.209			44	0.3				
LACI	HZ	36	302	EP		2053	1.546	-0.08							1.0
LACI	HN	36	302	ES		2053	7.040	0.14							1.0
LACI	HZ	36	302	IAML		2053	2.149			67	0.4				
PHP	HZ	38	51	EP		2053	2.310	0.21							1.0
PHP	HN	38	51	ES		2053	7.665	-0.09							1.0
PHP	HZ	38	51	IAML		2053	9.667			104	0.2				
PUK	HZ	66	346	EP		2053	7.062	0.13							1.0
PUK	HN	66	346	ES		2053	6.346	-0.16							1.0
PUK	HZ	66	346	IAML		2053	8.462			32	0.2				

January 13 2023 Hour: 21:45 47.9 Lat: 41.46N Lon: 20.06E D: 17.1 Ag: TIR Local
 Magnitudes: 2.2ML TIR Rms: 0.3 secs
 5 km S of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	20	232	EP		2145	2.716	0.17							1.0
TIR	HN	20	232	ES		2145	6.181	-0.13							1.0
TIR	HZ	20	232	IAML		2146	1.010			95	0.4				
LACI	HZ	34	305	EP		2145	4.619	0.03							1.0

LACI	HN	34	305	ES	2146	0.122	0.12								1.0
LACI	HZ	34	305	IAML	2146	5.670		168	0.6						
PHP	HZ	41	52	EP	2145	5.824	0.22								1.0
PHP	HE	41	52	ES	2146	1.658	-0.19								1.0
PHP	HZ	41	52	IAML	2146	5.912		147	0.3						
PUK	HZ	66	348	EP	2145	9.912	0.14								1.0
PUK	HN	66	348	ES	2146	9.385	0.00								1.0
PUK	HZ	66	348	IAML	2146	1.876		52	0.2						
BERA	HZ	85	186	EP	2146	2.738	-0.02								1.0
BCI	HZ	101	0	EP	2146	5.452	-0.01								1.0
BCI	HN	101	0	ES	2146	9.605	-0.09								1.0
BCI	HZ	101	0	IAML	2146	6.477		31	0.4						
KBN	HZ	111	146	EP	2146	7.044	-0.21								1.0
KBN	HN	111	146	ES	2146	2.684	-0.24								1.0
KBN	HZ	111	146	IAML	2146	0.003		13	0.6						
PDG	HZ	126	329	EP	2146	9.438	-0.25								1.0
PDG	HE	126	329	ES	2146	7.177	-0.17								1.0
PDG	HZ	126	329	IAML	2146	3.245		21	0.5						
NEST	HZ	143	144	EP	2146	3.018	0.55								1.0
NEST	HE	143	144	ES	2146	2.427	0.06								1.0
NEST	HZ	143	144	IAML	2146	6.397		17	0.3						
LSK	HZ	153	162	EP	2146	5.009	1.05								1.0
LSK	HN	153	162	ES	2146	4.496	-0.56								1.0
LSK	HZ	153	162	IAML	2146	8.897		32	1.0						
SRN	HZ	176	182	EP	2146	6.513	-0.47								0.9
SRN	HZ	176	182	IAML	2146	0.999		10	0.8						

January 13 2023 Hour: 22:042.8 Lat: 41.46N Lon: 20.08E D: 9.8 Ag: TIR Local
Magnitudes: 2.4ML TIR 2.7MW TIR Rms: 0.4 secs
4 km S of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	22	235	EP		2200	6.978	-0.07							1.0
TIR	HE	22	235	ES		2200	0.497	-0.02							1.0
TIR	HZ	22	235	IAML		2200	3.980		95	0.3					
LACI	HZ	36	303	EP		2200	8.988	-0.42							1.0
LACI	HN	36	303	ES		2200	4.868	0.07							1.0
LACI	HZ	36	303	IAML		2200	9.962		172	0.4					
PHP	HZ	39	50	EP		2200	0.072	0.07							1.0
PHP	HN	39	50	ES		2200	5.552	-0.31							1.0
PHP	HZ	39	50	IAML		2200	7.418		228	0.5					
PUK	HZ	67	347	EP		2200	4.394	-0.29							1.0
PUK	HE	67	347	ES		2201	4.590	0.25							1.0
PUK	HZ	67	347	IAML		2201	6.559		53	0.3					
BERA	HZ	85	187	EP		2200	7.236	-0.45							1.0
BERA	HZ	85	187	IAML		2201	6.440		24	0.3					
BCI	HZ	101	359	EP		2201	1.063	0.71							1.0
BCI	HN	101	359	ES		2201	4.511	-0.09							1.0
BCI	HZ	101	359	IAML		2201	0.826		31	0.3					
NEST	HZ	142	145	EP		2201	7.597	0.33							1.0
NEST	HE	142	145	ES		2201	6.620	-0.50							1.0
NEST	HZ	142	145	IAML		2201	3.126		25	0.4					
LSK	HZ	152	163	EP		2201	0.027	1.10							1.0
LSK	HZ	152	163	IAML		2201	3.397		29	0.4					
KEK	HZ	195	187	EP		2201	4.946	-0.28							0.9
KEK	HZ	195	187	IAML		2201	2.449		16	1.3					
SJES	BZ	200	358	EP		2201	6.568	0.60							0.9
SJES	BN	200	358	ES		2201	2.211	-0.65							0.9
SCTE	HZ	206	222	EP		2201	6.483	-0.02							0.9

January 14 2023 Hour: 1:33 59.1 Lat: 41.47N Lon: 20.07E D: 10.1 Ag: TIR Local
 Magnitudes: 2.7ML TIR 3.2MW TIR Rms: 0.5 secs
 4 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	22	231	EP		0134	3.336	-0.06							1.0
TIR	HN	22	231	ES		0134	6.961	0.11							1.0
TIR	HZ	22	231	IAML		0134	1.555			188	0.7				
LACI	HZ	34	303	EP		0134	5.326	-0.20							1.0
LACI	HN	34	303	ES		0134	1.102	0.39							1.0
LACI	HZ	34	303	IAML		0134	6.150			444	0.5				
PHP	HZ	39	53	EP		0134	6.507	0.11							1.0
PHP	HN	39	53	ES		0134	2.359	0.07							1.0
PHP	HZ	39	53	IAML		0134	3.881			780	0.5				
PUK	HZ	65	347	EP		0134	0.534	-0.27							1.0
PUK	HN	65	347	ES		0134	0.510	0.24							1.0
PUK	HZ	65	347	IAML		0134	4.375			122	0.5				
BERA	HZ	86	187	EP		0134	3.377	-0.82							1.0
BERA	HN	86	187	ES		0134	5.538	-0.86							1.0
BERA	HZ	86	187	IAML		0134	6.387			61	0.3				
BPA2	HZ	90	205	EP		0134	4.927	-0.02							1.0
BCI	HZ	100	0	EP		0134	5.789	-0.72							1.0
BCI	HN	100	0	ES		0134	0.545	-0.05							1.0
BCI	HZ	100	0	IAML		0134	7.102			92	0.4				
KBN	HZ	112	147	EP		0134	7.903	-0.68							1.0
KBN	HN	112	147	ES		0134	4.474	0.12							1.0
KBN	HZ	112	147	IAML		0134	6.998			49	1.4				
VLO	HZ	121	204	EP		0134	0.345	0.26							1.0
VLO	HZ	121	204	IAML		0134	4.494			66	0.5				
PDG	HZ	126	328	EP		0134	9.934	-0.91							1.0
PDG	HN	126	328	ES		0134	8.652	0.22							1.0
PDG	HZ	126	328	IAML		0134	2.468			64	0.5				
NEST	HZ	144	144	EP		0134	3.749	-0.12							1.0
NEST	HN	144	144	ES		0134	3.779	-0.14							1.0
NEST	HZ	144	144	IAML		0134	9.263			62	0.4				
LSK	HZ	153	163	EP		0134	6.730	1.22							1.0
LSK	HN	153	163	ES		0134	8.238	1.35							1.0
LSK	HZ	153	163	IAML		0134	9.636			78	0.6				
SRN	HZ	177	182	EP		0134	9.602	0.48							0.9
KZN	HZ	193	131	EP		0134	1.453	0.10							0.9
KZN	HN	193	131	ES		0134	7.065	-0.40							0.9
KEK	HZ	196	187	EP		0134	1.477	-0.21							0.9
KEK	HN	196	187	ES		0134	8.226	0.16							0.9
KEK	HZ	196	187	IAML		0135	8.732			22	0.6				
SJES	BZ	199	358	EP		0134	3.021	0.88							0.9
SJES	BN	199	358	ES		0134	9.055	0.16							0.9
SCTE	HZ	206	222	EP		0134	3.117	0.26							0.9
BARS	BZ	208	43	EP		0134	3.488	0.30							0.9
BARS	BN	208	43	ES		0135	0.590	-0.19							0.9
JAN	HZ	212	161	EP		0134	4.130	0.41							0.9
BOSS	SZ	229	59	EP		0134	6.796	0.88							0.9
THL	HZ	268	141	EP		0134	1.057	0.17							0.9
LKD2	HZ	302	170	EP		0134	4.131	-1.11							0.8
PLG	HZ	310	112	EP		0134	5.868	-0.36							0.8
NVR	HZ	318	91	EP		0134	6.508	-0.80							0.8

January 14 2023 Hour: 4: 8 36.3 Lat: 41.47N Lon: 20.07E D: 11.7 Ag: TIR Local
 Magnitudes: 3.6ML TIR 3.8MW TIR Rms: 0.6 secs
 4 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	22	231	EP	D	0408	0.691	-0.04							1.0
TIR	HN	22	231	ES		0408	4.451	0.11							1.0
TIR	HZ	22	231	IAML		0408	8.625			1716	0.7				
LACI	HZ	35	302	EP	C	0408	2.272	-0.49							1.0

LACI	HE	35	302	ES		0408	8.270	0.26									1.0
LACI	HZ	35	302	IAML		0408	2.957		3349	1.1							
PHP	HZ	39	53	EP	D	0408	3.823	0.32									1.0
PHP	HN	39	53	ES		0408	9.496	0.13									1.0
PHP	HZ	39	53	IAML		0408	1.323		4790	0.4							
PUK	HZ	65	347	EP	D	0408	7.731	-0.15									1.0
PUK	HN	65	347	ES		0408	7.727	0.45									1.0
PUK	HZ	65	347	IAML		0409	0.343		1361	0.3							
BERA	HZ	86	187	EP	D	0408	0.834	-0.50									1.0
BERA	HE	86	187	ES		0409	3.414	-0.12									1.0
BERA	HZ	86	187	IAML		0409	5.696		479	0.7							
BPA2	HZ	91	205	EP		0408	1.218	-0.89									1.0
BPA2	HN	91	205	ES		0409	5.002	0.08									1.0
BCI	HZ	99	360	EP	C	0408	2.807	-0.76									1.0
BCI	HE	99	360	ES		0409	8.101	0.52									1.0
BCI	HZ	99	360	IAML		0409	4.306		606	0.9							
KBN	HZ	112	147	EP		0408	6.062	0.38									1.0
KBN	HN	112	147	ES		0409	1.500	0.10									1.0
KBN	HZ	112	147	IAML		0409	4.420		425	1.4							
VLO	HZ	122	204	EP		0408	7.512	0.28									1.0
VLO	HN	122	204	ES		0409	4.461	0.25									1.0
VLO	HZ	122	204	IAML		0409	1.826		517	0.5							
PDG	HZ	126	328	EP	C	0408	6.920	-1.02									1.0
PDG	HN	126	328	ES		0409	5.997	0.51									1.0
PDG	HZ	126	328	IAML		0409	2.038		473	0.7							
TPE	HZ	131	182	EP	D	0408	8.242	-0.56									1.0
NEST	HZ	143	145	EP	D	0409	1.360	0.40									1.0
NEST	HN	143	145	ES		0409	0.872	-0.08									1.0
NEST	HZ	143	145	IAML		0409	0.093		492	0.6							
LSK	HZ	153	163	EP		0409	3.492	0.87									1.0
LSK	HN	153	163	ES		0409	4.439	0.48									1.0
LSK	HZ	153	163	IAML		0409	7.405		648	0.7							
SRN	HZ	177	182	EP		0409	5.973	-0.14									0.9
SRN	HE	177	182	ES		0409	1.152	0.87									0.9
SRN	HZ	177	182	IAML		0409	1.538		181	0.7							
KZN	HZ	193	132	EP		0409	9.214	0.92									0.9
KZN	HN	193	132	ES		0409	3.650	-0.59									0.9
KEK	HZ	197	187	EP		0409	8.094	-0.59									0.9
KEK	HZ	197	187	IAML		0409	7.261		251	1.1							
SJES	BZ	199	358	EP	C	0409	9.012	-0.07									0.9
SJES	BN	199	358	ES		0409	6.239	0.58									0.9
SCTE	HZ	206	222	EP		0409	9.731	-0.14									0.9
BARS	BZ	208	43	EP		0409	0.380	0.29									0.9
JAN	HZ	212	162	EP	D	0409	2.140	1.44									0.9
BOSS	SZ	229	59	EP		0409	2.223	-0.60									0.9
THE	HZ	261	110	EP		0409	5.118	-1.73									0.9
THE	HZ	261	110	IAML		0409	2.878		28	1.9							
THL	HZ	268	141	EP		0409	8.382	0.54									0.9
LKD2	HZ	302	170	EP		0409	1.614	-0.61									0.8
PLG	HZ	309	112	EP	C	0409	1.994	-1.16									0.8

January 14 2023 Hour: 5:36 47.8 Lat: 41.46N Lon: 20.07E D: 10.0 Ag: TIR Local
Magnitudes: 2.0ML TIR 2.6MW TIR Rms: 0.7 secs
5 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	21	232	EP		0536	1.756	-0.19							1.0
TIR	HN	21	232	ES		0536	5.820	0.49							1.0
TIR	HZ	21	232	IAML		0537	1.009			78	0.3				
LACI	HZ	35	304	EP		0536	3.726	-0.49							1.0
LACI	HN	35	304	ES		0536	9.711	0.26							1.0
LACI	HZ	35	304	IAML		0537	2.571			79	0.5				
PHP	HZ	40	52	EP		0536	4.821	-0.30							1.0
PHP	HN	40	52	ES		0537	0.907	-0.18							1.0
PHP	HZ	40	52	IAML		0537	2.352			136	0.6				

PUK	HZ	66	348	EP	0536	8.987	-0.57								1.0
PUK	HN	66	348	ES	0537	9.157	0.03								1.0
PUK	HZ	66	348	IAML	0537	3.052		29	0.4						
BERA	HZ	85	187	EP	0537	1.872	-0.83								1.0
BERA	HE	85	187	ES	0537	3.989	-0.83								1.0
BCI	HZ	100	0	EP	0537	5.428	0.16								1.0
BCI	HN	100	0	ES	0537	8.736	-0.72								1.0
BCI	HZ	100	0	IAML	0537	2.678		15	0.7						
KBN	HZ	111	147	EP	0537	6.833	-0.29								1.0
KBN	HN	111	147	ES	0537	2.584	-0.23								1.0
KBN	HZ	111	147	IAML	0537	4.690		8	1.3						
PDG	HZ	126	328	EP	0537	9.949	0.37								1.0
PDG	HN	126	328	ES	0537	6.975	-0.28								1.0
PDG	HZ	126	328	IAML	0537	2.206		12	0.4						
NEST	HZ	143	144	EP	0537	2.420	0.00								1.0
NEST	HE	143	144	ES	0537	2.092	-0.30								1.0
NEST	HZ	143	144	IAML	0537	0.279		13	0.6						
LSK	HZ	153	163	EP	0537	4.239	0.21								1.0
LSK	HN	153	163	ES	0537	6.640	1.32								1.0
LSK	HZ	153	163	IAML	0537	9.938		8	0.6						
SRN	HZ	176	182	EP	0537	7.423	-0.24								0.9
SRN	HN	176	182	ES	0537	1.189	-0.70								0.9
SJES	BZ	200	358	EP	0537	2.284	1.40								0.9
SJES	BE	200	358	ES	0537	7.318	-0.39								0.9
SCTE	HZ	205	222	EP	0537	2.540	1.13								0.9
BOSS	SZ	229	59	EP	0537	6.551	1.94								0.9

January 14 2023 Hour: 6:57 16.8 Lat: 41.47N Lon: 20.08E D: 4.8 Ag: TIR Local
Magnitudes: 2.2ML TIR 2.4MW TIR Rms: 0.7 secs
4 km S of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	23	234	EP		0657	0.428	-0.46							1.0
TIR	HN	23	234	ES		0657	4.710	0.48							1.0
TIR	HZ	23	234	IAML		0657	8.698		110	0.2					
LACI	HZ	36	302	EP		0657	2.896	-0.29							1.0
LACI	HN	36	302	ES		0657	8.006	-0.39							1.0
LACI	HZ	36	302	IAML		0657	0.630		78	0.1					
PHP	HZ	38	51	EP		0657	3.474	-0.21							1.0
PHP	HN	38	51	ES		0657	9.554	0.26							1.0
PHP	HZ	38	51	IAML		0657	1.223		108	0.2					
PUK	HZ	66	346	EP		0657	8.018	-0.52							1.0
PUK	HN	66	346	ES		0657	8.424	0.35							1.0
PUK	HZ	66	346	IAML		0657	9.690		69	0.3					
BERA	HZ	86	188	EP		0657	2.312	0.21							1.0
BERA	HN	86	188	ES		0657	3.712	-0.81							1.0
BERA	HZ	86	188	IAML		0657	5.837		45	0.1					
BCI	HZ	100	359	EP		0657	5.278	0.76							1.0
BCI	HN	100	359	ES		0657	7.989	-0.92							1.0
BCI	HZ	100	359	IAML		0657	9.381		53	0.3					
KBN	HZ	111	147	EP		0657	6.311	-0.09							1.0
KBN	HN	111	147	ES		0657	2.794	0.48							1.0
KBN	HZ	111	147	IAML		0658	0.870		10	0.8					
PDG	HZ	127	328	EP		0657	9.710	0.74							1.0
PDG	HN	127	328	ES		0657	6.862	-0.09							1.0
PDG	HZ	127	328	IAML		0657	8.611		31	0.4					
NEST	HZ	143	145	EP		0657	1.464	-0.22							1.0
NEST	HN	143	145	ES		0658	0.957	-0.91							1.0
NEST	HZ	143	145	IAML		0658	8.955		17	0.5					
SRN	HZ	177	182	EP		0657	9.731	2.45							0.9
SRN	HN	177	182	ES		0658	1.369	-0.63							0.9
SRN	HZ	177	182	IAML		0658	0.764		5	0.6					

January 14 2023 Hour: 12: 7 44.1 Lat: 41.48N Lon: 20.08E D: 7.6 Ag: TIR Local
 Magnitudes: 2.8ML TIR 3.2MW TIR Rms: 0.7 secs
 3 km S of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	23	231	EP		1207	7.594	-0.85							1.0
TIR	HN	23	231	ES		1207	3.259	1.27							1.0
TIR	HZ	23	231	IAML		1207	7.488			402	0.3				
LACI	HZ	35	300	EP		1207	9.984	-0.51							1.0
LACI	HN	35	300	ES		1207	6.388	0.69							1.0
LACI	HZ	35	300	IAML		1208	0.385			580	0.3				
PHP	HZ	38	52	EP		1207	1.246	0.28							1.0
PHP	HN	38	52	ES		1207	6.973	0.42							1.0
PHP	HZ	38	52	IAML		1207	8.927			1107	0.3				
PUK	HZ	65	346	EP		1207	5.461	-0.26							1.0
PUK	HN	65	346	ES		1208	5.327	0.17							1.0
PUK	HZ	65	346	IAML		1208	7.474			275	0.2				
BERA	HZ	87	187	EP		1207	8.244	-1.23							1.0
BERA	HN	87	187	ES		1208	0.928	-1.02							1.0
BERA	HZ	87	187	IAML		1208	4.781			108	0.3				
BCI	HZ	99	359	EP		1208	1.320	-0.16							1.0
BCI	HN	99	359	ES		1208	5.712	0.13							1.0
BCI	HZ	99	359	IAML		1208	7.503			132	0.4				
KBN	HZ	112	148	EP		1208	3.182	-0.51							1.0
KBN	HN	112	148	ES		1208	9.707	0.12							1.0
KBN	HZ	112	148	IAML		1208	7.456			53	0.5				
PDG	HZ	126	327	EP		1208	5.115	-0.84							1.0
PDG	HN	126	327	ES		1208	3.882	0.20							1.0
PDG	HZ	126	327	IAML		1208	7.030			80	0.2				
NEST	HZ	143	145	EP		1208	8.717	-0.25							1.0
NEST	HN	143	145	ES		1208	9.473	0.34							1.0
NEST	HZ	143	145	IAML		1208	3.969			60	0.3				
LSK	HZ	154	163	EP		1208	0.216	-0.47							1.0
LSK	HN	154	163	ES		1208	3.302	1.05							1.0
LSK	HZ	154	163	IAML		1208	5.265			94	0.9				
SRN	HZ	178	182	EP		1208	5.119	0.62							0.9
SRN	HN	178	182	ES		1208	0.188	1.05							0.9
SRN	HZ	178	182	IAML		1208	9.420			28	0.7				

January 14 2023 Hour: 13:39 34.1 Lat: 41.48N Lon: 20.08E D: 9.1 Ag: TIR Local
 Magnitudes: 2.4ML TIR Rms: 0.5 secs
 3 km S of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	23	231	EP		1339	7.909	-0.65							1.0
TIR	HN	23	231	ES		1339	2.742	0.59							1.0
TIR	HZ	23	231	IAML		1339	6.134			240	0.3				
LACI	HZ	35	300	EP		1339	0.046	-0.52							1.0
LACI	HE	35	300	ES		1339	6.385	0.61							1.0
LACI	HZ	35	300	IAML		1339	0.860			255	1.0				
PHP	HZ	38	53	EP		1339	0.935	-0.18							1.0
PHP	HN	38	53	ES		1339	7.079	0.31							1.0
PHP	HZ	38	53	IAML		1339	9.334			214	0.2				
PUK	HZ	65	346	EP		1339	5.715	-0.06							1.0
PUK	HN	65	346	ES		1339	5.226	0.02							1.0
PUK	HZ	65	346	IAML		1339	7.400			72	0.2				
BERA	HZ	87	187	EP		1339	8.565	-0.87							1.0
BERA	HN	87	187	ES		1340	1.149	-0.69							1.0
BERA	HZ	87	187	IAML		1340	2.997			40	0.1				
BCI	HZ	99	359	EP		1339	1.420	-0.01							1.0
BCI	HN	99	359	ES		1340	5.362	-0.09							1.0
BCI	HZ	99	359	IAML		1340	7.089			41	0.3				
NEST	HZ	144	145	EP		1339	8.808	-0.15							1.0
NEST	HN	144	145	ES		1340	8.955	-0.12							1.0
NEST	HZ	144	145	IAML		1340	5.278			37	0.2				

LSK	HZ	154	163	EP		1340	1.159	0.49									1.0
LSK	HN	154	163	ES		1340	2.923	0.75									1.0
LSK	HZ	154	163	IAML		1340	4.264		53	0.6							
SRN	HZ	178	182	EP		1340	4.622	0.25									0.9
SRN	HN	178	182	ES		1340	9.369	0.50									0.9

January 14 2023 Hour: 14:33 22.9 Lat: 41.45N Lon: 20.10E D: 18.6 Ag: TIR Local
Magnitudes: 2.1ML TIR 2.5MW TIR Rms: 0.5 secs
6 km S of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	23	239	EP		1433	7.472	-0.66							1.0
TIR	HN	23	239	ES		1433	2.583	0.25							1.0
TIR	HZ	23	239	IAML		1433	4.356			52	0.3				
LACI	HN	38	302	ES		1433	6.792	0.56							1.0
PHP	HZ	38	48	EP		1433	0.422	0.08							1.0
PHP	HN	38	48	ES		1433	6.338	0.01							1.0
PHP	HZ	38	48	IAML		1433	7.034		148	0.2					
LACI	HZ	38	302	EP		1433	0.054	-0.23							1.0
LACI	HZ	38	302	IAML		1433	7.173			99	0.6				
PUK	HZ	68	345	EP		1433	4.898	-0.21							1.0
PUK	HN	68	345	ES		1433	4.150	-0.81							1.0
PUK	HZ	68	345	IAML		1433	6.936			36	0.3				
BCI	HZ	101	358	EP		1433	1.614	0.97							1.0
BCI	HN	101	358	ES		1433	5.031	0.05							1.0
BCI	HZ	101	358	IAML		1433	5.902			13	0.2				

January 14 2023 Hour: 14:33 44.4 Lat: 41.47N Lon: 20.07E D: 9.9 Ag: TIR Local
Magnitudes: 2.4ML TIR Rms: 0.7 secs
4 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	22	231	EP		1433	8.467	-0.23							1.0
TIR	HN	22	231	ES		1433	1.685	-0.48							1.0
TIR	HZ	22	231	IAML		1433	7.691			141	0.6				
LACI	HZ	34	302	EP		1433	1.693	0.91							1.0
LACI	HE	34	302	ES		1433	5.947	-0.01							1.0
LACI	HZ	34	302	IAML		1434	1.054			293	0.5				
PHP	HZ	39	53	EP		1433	1.575	-0.07							1.0
PHP	HN	39	53	ES		1433	7.677	0.16							1.0
PHP	HZ	39	53	IAML		1433	8.230			215	0.2				
PUK	HZ	65	347	EP		1433	6.124	0.06							1.0
PUK	HN	65	347	ES		1434	5.556	0.04							1.0
PUK	HZ	65	347	IAML		1434	2.152			84	0.3				
BERA	HZ	86	187	EP		1433	8.866	-0.66							1.0
BERA	HN	86	187	ES		1434	0.375	-1.40							1.0
BERA	HZ	86	187	IAML		1434	3.169			44	0.2				
BCI	HZ	99	0	EP		1434	3.579	1.81							1.0
BCI	HE	99	0	ES		1434	5.731	-0.10							1.0
BCI	HZ	99	0	IAML		1434	2.896			42	0.2				
KBN	HZ	112	147	EP		1434	4.700	0.79							1.0
KBN	HE	112	147	ES		1434	9.564	-0.14							1.0
KBN	HZ	112	147	IAML		1434	4.212			19	0.2				
PDG	HZ	126	328	EP		1434	5.389	-0.72							1.0
PDG	HN	126	328	ES		1434	3.527	-0.16							1.0
PDG	HZ	126	328	IAML		1434	8.980			40	0.5				
NEST	HZ	144	145	EP		1434	8.935	-0.26							1.0
NEST	HN	144	145	ES		1434	9.152	-0.12							1.0
NEST	HZ	144	145	IAML		1434	4.033			31	0.5				
LSK	HZ	154	163	EP		1434	0.821	-0.02							1.0
LSK	HN	154	163	ES		1434	2.698	0.45							1.0
LSK	HZ	154	163	IAML		1434	4.683			44	0.6				
SRN	HZ	177	182	EP		1434	4.603	0.15							0.9
SRN	HE	177	182	ES		1434	0.582	1.79							0.9
SRN	HZ	177	182	IAML		1434	9.140			10	0.7				
KEK	HZ	197	187	EP		1434	6.710	-0.31							0.9

KEK	HN	197	187	ES	1434	3.575	0.14								0.9
KEK	HZ	197	187	IAML	1434	2.917		12	0.3						
SJES	BZ	199	358	EP	1434	6.926	-0.50								0.9
SJES	BN	199	358	ES	1434	4.068	-0.10								0.9
SJES	BZ	199	358	IAML	1434	8.305		103	0.7						
SCTE	HZ	206	221	EP	1434	8.398	0.22								0.9
BARS	BZ	208	44	EP	1434	7.649	-0.82								0.9
BARS	BN	208	44	ES	1434	4.808	-1.25								0.9
JAN	HZ	212	162	EP	1434	9.782	0.73								0.9

January 14 2023 Hour: 15: 8 58.6 Lat: 41.47N Lon: 20.06E D: 10.3 Ag: TIR Local
Magnitudes: 2.7ML TIR 3.2MW TIR Rms: 0.6 secs
4 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	21	230	EP		1509	2.585	-0.19							1.0
TIR	HE	21	230	ES		1509	6.316	0.13							1.0
TIR	HZ	21	230	IAML		1509	2.010		328	0.6					
LACI	HZ	34	303	EP		1509	4.571	-0.33							1.0
LACI	HN	34	303	ES		1509	0.243	0.21							1.0
LACI	HZ	34	303	IAML		1509	5.460		518	0.5					
PHP	HZ	40	53	EP		1509	5.867	-0.07							1.0
PHP	HN	40	53	ES		1509	1.799	-0.11							1.0
PHP	HZ	40	53	IAML		1509	3.351		582	0.7					
PUK	HZ	65	348	EP		1509	9.808	-0.41							1.0
PUK	HN	65	348	ES		1509	0.000	0.33							1.0
PUK	HZ	65	348	IAML		1509	2.468		129	0.5					
BERA	HZ	86	186	EP		1509	2.914	-0.68							1.0
BERA	HE	86	186	ES		1509	5.220	-0.55							1.0
BERA	HZ	86	186	IAML		1509	2.059		67	0.5					
BCI	HZ	100	0	EP		1509	5.664	-0.28							1.0
BCI	HE	100	0	ES		1509	9.543	-0.49							1.0
BCI	HZ	100	0	IAML		1509	1.977		72	0.5					
KBN	HZ	112	147	EP		1509	9.189	1.13							1.0
KBN	HN	112	147	ES		1509	3.368	-0.48							1.0
KBN	HZ	112	147	IAML		1509	7.043		41	1.2					
PDG	HZ	125	328	EP		1509	0.146	-0.08							1.0
PDG	HN	125	328	ES		1509	7.642	-0.14							1.0
PDG	HZ	125	328	IAML		1509	3.320		61	0.4					
NEST	HZ	144	144	EP		1509	3.198	-0.15							1.0
NEST	HN	144	144	ES		1509	1.874	-1.54							1.0
NEST	HZ	144	144	IAML		1509	1.061		48	0.6					
LSK	HZ	153	163	EP		1509	5.994	1.04							1.0
LSK	HN	153	163	ES		1509	6.801	0.47							1.0
LSK	HZ	153	163	IAML		1509	9.063		63	0.6					
SRN	HZ	177	182	EP		1509	8.516	-0.00							0.9
SRN	HE	177	182	ES		1509	3.920	1.13							0.9
SRN	HZ	177	182	IAML		1509	9.241		10	0.5					
KZN	HZ	194	131	EP		1509	0.905	0.09							0.9
KZN	HE	194	131	ES		1509	6.637	-0.30							0.9
KEK	HZ	196	187	EP		1509	0.771	-0.31							0.9
KEK	HE	196	187	ES		1509	7.884	0.47							0.9
KEK	HZ	196	187	IAML		1510	9.815		28	0.9					
SJES	BZ	199	358	EP		1509	2.562	1.00							0.9
SJES	BE	199	358	ES		1509	7.165	-1.13							0.9
SJES	BZ	199	358	IAML		1510	3.026		238	0.8					
SCTE	HZ	205	221	EP		1509	2.140	-0.07							0.9
SCTE	HN	205	221	ES		1509	8.944	-0.52							0.9
BARS	BZ	208	44	EP		1509	3.965	1.31							0.9
BARS	BN	208	44	ES		1510	0.393	0.13							0.9
JAN	HZ	212	161	EP		1509	3.655	0.51							0.9
JAN	HE	212	161	ES		1510	1.598	0.43							0.9
BOSS	SZ	230	59	EP		1509	6.447	1.05							0.9
THL	HZ	269	141	EP		1509	9.983	-0.35							0.9
THL	HE	269	141	ES		1510	3.297	-0.88							0.9

January 14 2023 Hour: 15:38 10.4 Lat: 37.68N Lon: 20.92E D: 0.6 Ag: TIR Local
Magnitudes: 2.5ML TIR Rms: 0.7 secs
229 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	62	332	EP		1538	0.400	-1.11							1.0
VLS	HE	62	332	ES		1538	1.417	0.88							1.0
ITM	HZ	105	122	EP		1538	9.229	0.16							1.0
ITM	HE	105	122	ES		1538	4.661	0.45							1.0
LKD2	HZ	125	349	EP		1538	1.546	-1.08							1.0
LKD2	HN	125	349	ES		1538	1.289	0.64							1.0
THL	HZ	230	24	EP		1538	8.300	-0.04							0.9
THL	HE	230	24	ES		1539	8.366	-0.73							0.9
KEK	HZ	246	337	EP		1538	0.253	-0.20							0.9
KEK	HN	246	337	ES		1539	2.709	-0.21							0.9
KEK	HZ	246	337	IAML		1539	3.282		16	0.6					
SRN	HZ	257	342	EP		1538	2.601	0.76							0.9
SRN	HE	257	342	ES		1539	6.293	0.87							0.9
SRN	HZ	257	342	IAML		1539	7.131		10	0.5					
NEST	HZ	304	2	EP		1538	7.617	-0.34							0.8
NEST	HZ	304	2	IAML		1540	2.120		4	0.8					

January 14 2023 Hour: 23:0 28.9 Lat: 37.68N Lon: 20.08E D: 15.8 Ag: TIR Local
Magnitudes: 2.9ML TIR Rms: 0.5 secs
220 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	71	39	EP		2300	1.382	-0.13							1.0
VLS	HN	71	39	ES		2300	0.998	-0.74							1.0
LKD2	HZ	133	22	EP		2300	2.283	0.47							1.0
LKD2	HN	133	22	ES		2301	1.071	0.68							1.0
ITM	HZ	173	108	EP		2300	8.150	0.35							0.9
ITM	HN	173	108	ES		2301	1.117	-0.09							0.9
KEK	HZ	227	354	EP		2301	4.233	-0.51							0.9
KEK	HE	227	354	ES		2301	4.071	0.30							0.9
KEK	HZ	227	354	IAML		2301	5.445		59	0.5					
JAN	HZ	229	17	EP		2301	5.307	0.22							0.9
JAN	HE	229	17	ES		2301	3.702	-0.71							0.9
SRN	HZ	244	358	EP		2301	6.198	-0.73							0.9
SRN	HE	244	358	ES		2301	7.482	-0.25							0.9
SRN	HZ	244	358	IAML		2301	4.004		19	0.9					
THL	HZ	269	38	EP		2301	0.418	0.36							0.9
LSK	HZ	278	9	EP		2301	1.606	0.26							0.8
LSK	HE	278	9	ES		2301	6.551	0.82							0.8
LSK	HZ	278	9	IAML		2302	6.734		23	0.5					
SCTE	HZ	300	333	EP		2301	4.459	0.36							0.8
NEST	HZ	315	15	EP		2301	6.717	0.60							0.8
NEST	HN	315	15	ES		2301	4.515	0.15							0.8
NEST	HZ	315	15	IAML		2302	1.296		8	1.0					
BERA	HZ	336	358	EP		2301	8.263	-0.40							0.8
BERA	HZ	336	358	IAML		2302	0.663		16	0.7					
PLG	HZ	417	43	EP		2301	9.371	0.17							0.7
LACI	HZ	440	356	EP		2301	2.250	0.18							0.7
PHP	HZ	446	4	EP		2301	2.250	-0.58							0.7
PHP	HZ	446	4	IAML		2302	2.338		8	0.4					
PUK	HZ	485	358	EP		2301	6.629	-1.23							0.7

January 14 2023 Hour: 23:27 44.1 Lat: 41.34N Lon: 20.94E D: 8.5 Ag: TIR Local
Magnitudes: 2.0ML TIR 3.2MW TIR Rms: 0.4 secs
44 km NE of Pprenjas

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	57	313	EP		2327	3.814	-0.46							1.0
PHP	HN	57	313	ES		2328	2.597	0.05							1.0
PHP	HZ	57	313	IAML		2328	4.732		59	0.4					
KBN	HZ	80	189	EP		2327	8.822	0.48							1.0

KBN	HE	80	189	ES	2328	9.783	-0.14								1.0
TIR	HZ	90	271	EP	2328	0.550	0.68								1.0
TIR	HN	90	271	ES	2328	2.722	0.04								1.0
TIR	HZ	90	271	IAML	2328	5.198			9	0.2					
NEST	HN	103	175	ES	2328	6.274	-0.52								1.0
NEST	HZ	103	175	IAML	2328	9.898			20	0.2					
LACI	HZ	107	288	EP	2328	3.038	0.28								1.0
LACI	HN	107	288	ES	2328	7.822	-0.08								1.0
LACI	HZ	107	288	IAML	2328	1.462			24	1.8					
BERA	HZ	109	230	EP	2328	3.050	-0.02								1.0
PUK	HZ	117	312	EP	2328	3.530	-0.93								1.0
PUK	HE	117	312	ES	2328	0.638	-0.36								1.0
PUK	HZ	117	312	IAML	2328	5.397			7	0.3					
BCI	HZ	135	328	EP	2328	8.134	0.66								1.0
BCI	HE	135	328	ES	2328	6.282	-0.16								1.0
BCI	HZ	135	328	IAML	2328	7.574			19	1.4					
PDG	HZ	184	312	EP	2328	5.849	0.60								0.9
PDG	HE	184	312	ES	2328	0.490	-0.04								0.9
PDG	HZ	184	312	IAML	2328	3.168			7	2.1					

January 15 2023 Hour: 10:40 39.1 Lat: 41.18N Lon: 20.00E D: 20.0 Ag: TIR Local
Magnitudes: 2.2ML TIR 2.9MW TIR Rms: 0.4 secs

10 km NW of Elbasan

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	21	329	EP		1040	4.416	0.23							1.0
TIR	HE	21	329	ES		1040	8.842	0.53							1.0
TIR	HZ	21	329	IAML		1040	3.206			104	0.3				
BERA	HZ	54	184	EP		1040	8.340	-0.62							1.0
BERA	HN	54	184	ES		1040	6.355	-0.59							1.0
BERA	HZ	54	184	IAML		1040	7.679			187	0.3				
LACI	HZ	56	335	EP		1040	9.479	0.21							1.0
LACI	HN	56	335	ES		1040	7.795	0.27							1.0
LACI	HZ	56	335	IAML		1041	1.862			45	0.3				
PHP	HZ	67	33	EP		1040	0.890	-0.27							1.0
PHP	HN	67	33	ES		1041	0.408	-0.53							1.0
PHP	HZ	67	33	IAML		1041	1.242			43	0.3				
VLO	HZ	90	208	EP		1040	4.655	-0.25							1.0
VLO	HN	90	208	ES		1041	8.018	0.31							1.0
VLO	HZ	90	208	IAML		1041	4.570			155	0.1				
KBN	HZ	91	133	EP		1040	5.542	0.41							1.0
PUK	HZ	96	355	EP		1040	5.453	-0.48							1.0
PUK	HE	96	355	ES		1041	9.699	0.13							1.0
PUK	HZ	96	355	IAML		1041	3.139			18	0.5				
NEST	HZ	123	134	EP		1041	0.472	0.11							1.0
NEST	HE	123	134	ES		1041	8.199	0.60							1.0
NEST	HZ	123	134	IAML		1041	1.844			21	0.5				
LSK	HZ	126	156	EP		1041	0.883	0.15							1.0
LSK	HN	126	156	ES		1041	8.704	0.44							1.0
LSK	HZ	126	156	IAML		1041	3.897			19	0.2				
BCI	HZ	132	3	EP		1041	1.393	-0.26							1.0
BCI	HN	132	3	ES		1041	9.899	-0.03							1.0
BCI	HZ	132	3	IAML		1041	7.751			29	0.5				
SRN	HZ	145	180	EP		1041	3.725	0.04							1.0
SRN	HN	145	180	ES		1041	3.755	0.15							1.0
SRN	HZ	145	180	IAML		1041	0.088			10	0.4				
PDG	HZ	151	336	EP		1041	4.831	0.10							1.0
PDG	HN	151	336	ES		1041	5.369	-0.13							1.0
PDG	HZ	151	336	IAML		1041	5.932			17	0.7				
KEK	HZ	164	186	EP		1041	5.608	-0.83							0.9
KEK	HN	164	186	ES		1041	8.614	0.02							0.9
KEK	HZ	164	186	IAML		1041	3.513			23	0.6				
SCTE	HZ	179	227	EP		1041	8.233	-0.07							0.9
SCTE	HE	179	227	ES		1041	1.924	-0.05							0.9
SJES	BZ	231	360	EP		1041	5.911	0.80							0.9

KBN	HZ	114	146	IAML	2146	5.503		544	0.5					
VLO	HZ	121	202	EP	2146	2.037-0.12								1.0
VLO	HZ	121	202	IAML	2146	5.288		1072	0.3					
PDG	HZ	124	329	EP	2146	1.701-0.91								1.0
PDG	HN	124	329	ES	2146	0.326 0.27								1.0
PDG	HZ	124	329	IAML	2146	3.491		2190	0.4					
NEST	HZ	145	144	EP	2146	5.902-0.36								1.0
NEST	HN	145	144	ES	2146	7.153 0.49								1.0
NEST	HZ	145	144	IAML	2146	2.932		913	0.5					
SRN	HZ	178	181	EP	2146	0.239-1.17								0.9
SRN	HN	178	181	ES	2146	7.998 2.00								0.9
SRN	HZ	178	181	IAML	2146	7.094		235	0.5					

January 15 2023 Hour: 22:32 33.4 Lat: 41.47N Lon: 20.05E D: 9.6 Ag: TIR Local
Magnitudes: 2.1ML TIR Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	21	228	EP		2232	7.537	0.05							1.0
TIR	HN	21	228	ES		2232	0.728-0.07								1.0
TIR	HZ	21	228	IAML		2232	5.710			106	0.4				
LACI	HZ	33	304	EP		2232	9.751	0.19							1.0
LACI	HN	33	304	ES		2232	4.459-0.09								1.0
LACI	HZ	33	304	IAML		2232	9.463			143	1.3				
PHP	HZ	40	54	EP		2232	0.705-0.14								1.0
PHP	HN	40	54	ES		2232	6.811-0.06								1.0
PHP	HZ	40	54	IAML		2232	7.912			295	0.5				
PUK	HZ	65	349	EP		2232	4.979-0.06								1.0
PUK	HN	65	349	ES		2232	4.729 0.27								1.0
PUK	HZ	65	349	IAML		2232	6.972			45	0.3				
BERA	HZ	86	186	EP		2232	7.892-0.62								1.0
BERA	HN	86	186	ES		2232	9.680-1.07								1.0
BERA	HZ	86	186	IAML		2233	0.773			18	0.3				
BPA2	HZ	90	204	EP		2232	9.327 0.14								1.0
BCI	HZ	99	1	EP		2232	0.154-0.64								1.0
BCI	HN	99	1	ES		2233	4.757-0.12								1.0
BCI	HZ	99	1	IAML		2233	4.533			17	1.0				
KBN	HZ	113	146	EP		2232	3.384 0.32								1.0
KBN	HN	113	146	ES		2233	9.430 0.45								1.0
KBN	HZ	113	146	IAML		2233	3.656			11	0.5				
PDG	HZ	125	329	EP		2232	5.100 0.10								1.0
PDG	HN	125	329	ES		2233	2.420-0.08								1.0
PDG	HZ	125	329	IAML		2233	6.418			25	0.5				
NEST	HZ	145	144	EP		2232	8.782 0.43								1.0
NEST	HN	145	144	ES		2233	7.291-1.27								1.0
NEST	HZ	145	144	IAML		2233	1.466			12	0.4				
LSK	HZ	154	162	EP		2233	0.486 0.56								1.0
LSK	HN	154	162	ES		2233	2.544 1.14								1.0
LSK	HZ	154	162	IAML		2233	1.344			14	0.8				
SRN	HZ	177	181	EP		2233	3.489 0.01								0.9
SRN	HN	177	181	ES		2233	7.641-0.20								0.9
SRN	HZ	177	181	IAML		2233	4.827			10	2.3				
KZN	HZ	194	131	EP		2233	5.741-0.11								0.9
KZN	HN	194	131	ES		2233	2.114-0.02								0.9
KEK	HZ	196	186	EP		2233	6.492 0.46								0.9
SJES	BZ	199	358	EP		2233	6.906 0.45								0.9
SJES	BE	199	358	ES		2233	3.082-0.14								0.9
SCTE	HZ	205	221	EP		2233	7.474 0.39								0.9

January 15 2023 Hour: 22:37 57.9 Lat: 41.47N Lon: 20.07E D: 12.0 Ag: TIR Local
 Magnitudes: 2.0ML TIR 2.6MW TIR Rms: 0.3 secs
 5 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	21	232	EP		2238	2.410	0.14							1.0
TIR	HN	21	232	ES		2238	5.885	0.09							1.0
TIR	HZ	21	232	IAML		2238	0.247			61	0.4				
LACI	HZ	35	303	EP		2238	4.344	-0.07							1.0
LACI	HE	35	303	ES		2238	9.832	0.16							1.0
LACI	HZ	35	303	IAML		2238	1.970			71	0.5				
PHP	HZ	40	52	EP		2238	5.208	-0.09							1.0
PHP	HN	40	52	ES		2238	0.919	-0.35							1.0
PHP	HZ	40	52	IAML		2238	2.325			191	0.4				
PUK	HZ	66	347	EP		2238	9.565	-0.06							1.0
PUK	HN	66	347	ES		2238	9.233	0.12							1.0
PUK	HZ	66	347	IAML		2238	3.192			26	0.2				
BERA	HZ	85	187	EP		2238	2.625	-0.23							1.0
BERA	HE	85	187	ES		2238	4.896	-0.05							1.0
BERA	HZ	85	187	IAML		2238	7.105			22	0.4				
BCI	HZ	100	0	EP		2238	5.130	-0.21							1.0
BCI	HN	100	0	ES		2238	9.349	-0.10							1.0
BCI	HZ	100	0	IAML		2238	4.559			15	0.9				
KBN	HZ	112	147	EP		2238	7.635	0.36							1.0
KBN	HN	112	147	ES		2238	3.008	0.06							1.0
KBN	HZ	112	147	IAML		2238	5.654			11	1.7				
PDG	HZ	126	328	EP		2238	8.910	-0.74							1.0
PDG	HN	126	328	ES		2238	7.267	0.02							1.0
PDG	HZ	126	328	IAML		2238	0.969			13	0.6				
NEST	HZ	143	144	EP		2238	2.738	0.18							1.0
NEST	HN	143	144	ES		2238	2.691	0.18							1.0
NEST	HZ	143	144	IAML		2238	0.040			15	0.4				
LSK	HZ	153	163	EP		2238	4.315	0.14							1.0
LSK	HN	153	163	ES		2238	5.532	0.09							1.0
LSK	HZ	153	163	IAML		2238	4.043			15	1.0				
SRN	HZ	176	182	EP		2238	7.745	0.11							0.9
SRN	HE	176	182	ES		2238	1.018	-0.68							0.9
SRN	HZ	176	182	IAML		2239	3.772			7	3.2				
KEK	HZ	196	187	EP		2238	9.872	-0.32							0.9
SJES	BZ	200	358	EP		2238	1.837	1.05							0.9
SJES	BN	200	358	ES		2238	7.717	0.31							0.9

January 15 2023 Hour: 22:44 12.9 Lat: 41.48N Lon: 20.07E D: 9.3 Ag: TIR Local
 Magnitudes: 2.7ML TIR 3.1MW TIR Rms: 0.6 secs
 3 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	23	229	EP		2244	7.284	-0.06							1.0
TIR	HN	23	229	ES		2244	0.890	-0.06							1.0
TIR	HZ	23	229	IAML		2244	3.731			218	0.7				
LACI	HZ	34	300	EP		2244	8.782	-0.44							1.0
LACI	HE	34	300	ES		2244	4.512	0.17							1.0
LACI	HZ	34	300	IAML		2244	5.490			326	0.6				
PHP	HZ	38	54	EP		2244	0.215	0.33							1.0
PHP	HE	38	54	ES		2244	5.794	0.24							1.0
PHP	HZ	38	54	IAML		2244	7.347			1326	0.3				
PUK	HZ	64	346	EP		2244	4.412	0.00							1.0
PUK	HN	64	346	ES		2244	4.029	0.29							1.0
PUK	HZ	64	346	IAML		2244	5.985			235	0.4				
BERA	HZ	87	187	EP		2244	7.357	-0.92							1.0
BERA	HN	87	187	ES		2244	0.051	-0.68							1.0
BERA	HZ	87	187	IAML		2244	1.239			94	0.3				
BPA2	HZ	92	205	EP		2244	9.000	-0.04							1.0
BCI	HZ	98	360	EP		2244	9.675	-0.41							1.0
BCI	HE	98	360	ES		2244	3.847	-0.17							1.0

BCI	HZ	98	360	IAML	2244	5.909		107	0.3				
KBN	HZ	113	148	EP	2244	2.748	0.19						1.0
KBN	HN	113	148	ES	2244	8.628	0.14						1.0
KBN	HZ	113	148	IAML	2245	3.199		46	1.0				
VLO	HZ	123	204	EP	2244	4.683	0.51						1.0
VLO	HN	123	204	ES	2244	1.962	0.55						1.0
VLO	HZ	123	204	IAML	2245	0.165		54	0.7				
PDG	HZ	125	328	EP	2244	3.501	-1.01						1.0
PDG	HN	125	328	ES	2244	1.609	-0.42						1.0
PDG	HZ	125	328	IAML	2244	5.405		83	0.6				
NEST	HZ	144	145	EP	2244	7.821	-0.01						1.0
NEST	HN	144	145	ES	2244	8.090	0.05						1.0
NEST	HZ	144	145	IAML	2245	4.935		50	0.3				
LSK	HZ	155	163	EP	2244	0.173	0.64						1.0
LSK	HN	155	163	ES	2245	1.741	0.62						1.0
LSK	HZ	155	163	IAML	2245	7.966		79	0.7				
SRN	HZ	178	182	EP	2244	3.363	0.18						0.9
SRN	HN	178	182	ES	2245	7.084	-0.64						0.9
SRN	HZ	178	182	IAML	2245	0.394		21	1.5				
KZN	HZ	194	132	EP	2244	5.322	0.03						0.9
KZN	HN	194	132	ES	2245	0.388	-1.15						0.9
SJES	BZ	198	358	EP	2244	6.646	0.82						0.9
SJES	BN	198	358	ES	2245	3.421	0.91						0.9
KEK	HZ	198	187	EP	2244	6.106	0.35						0.9
KEK	HN	198	187	ES	2245	3.028	0.65						0.9
KEK	HZ	198	187	IAML	2245	6.902		33	1.5				
BARs	BZ	206	44	EP	2244	7.889	1.03						0.9
SCTE	HZ	207	221	EP	2244	7.800	0.88						0.9
JAN	HZ	213	162	EP	2244	8.374	0.62						0.9
BOSS	SZ	228	60	EP	2244	8.558	-1.06						0.9
NOCI	HZ	264	254	EP	2244	4.112	-0.14						0.9
THL	HZ	269	142	EP	2244	5.454	0.60						0.9
LKD2	HZ	303	170	EP	2244	8.037	-1.25						0.8
PLG	HZ	310	112	EP	2244	8.515	-1.58						0.8

January 15 2023 Hour: 22:50 28.1 Lat: 41.46N Lon: 20.05E D: 9.4 Ag: TIR Local
Magnitudes: 2.2ML TIR 3.0MW TIR Rms: 0.8 secs
6 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	20	230	EP		2250	2.105	0.11							1.0
TIR	HN	20	230	ES		2250	5.294	0.13							1.0
TIR	HZ	20	230	IAML		2250	0.082			126	0.4				
LACI	HZ	34	306	EP		2250	5.004	0.68							1.0
LACI	HE	34	306	ES		2250	9.146	-0.23							1.0
LACI	HZ	34	306	IAML		2250	3.855			189	1.3				
PHP	HZ	41	53	EP		2250	5.512	-0.15							1.0
PHP	HN	41	53	ES		2250	0.769	-1.04							1.0
PHP	HZ	41	53	IAML		2250	2.346			519	0.4				
PUK	HZ	66	349	EP		2250	9.469	-0.45							1.0
PUK	HN	66	349	ES		2250	9.016	-0.50							1.0
PUK	HZ	66	349	IAML		2250	0.830			82	0.2				
BERA	HZ	85	186	EP		2250	2.416	-0.57							1.0
BERA	HN	85	186	ES		2250	2.746	-2.32							1.0
BERA	HZ	85	186	IAML		2250	7.204			24	0.3				
BCI	HZ	101	1	EP		2250	6.633	0.95							1.0
BCI	HN	101	1	ES		2250	9.649	-0.30							1.0
BCI	HZ	101	1	IAML		2251	0.776			32	0.3				
KBN	HZ	112	146	EP		2250	8.287	0.70							1.0
KBN	HN	112	146	ES		2251	3.814	0.42							1.0
KBN	HZ	112	146	IAML		2251	1.362			16	0.9				
PDG	HZ	126	329	EP		2250	1.279	1.43							1.0
PDG	HE	126	329	ES		2251	6.718	-0.77							1.0
PDG	HZ	126	329	IAML		2251	0.278			37	0.2				
NEST	HZ	144	144	IAML		2251	1.709			18	0.4				

LSK	HZ	153	162	EP		2250	4.744	0.32								1.0
KZN	HZ	194	131	EP		2251	1.548	1.09								0.9
KEK	HZ	195	186	EP		2251	1.441	0.88								0.9
SJES	BZ	200	358	EP		2251	1.331	0.02								0.9

January 16 2023 Hour: 0: 8 39.2 Lat: 41.48N Lon: 20.06E D: 12.1 Ag: TIR Local
Magnitudes: 2.1ML TIR 2.7MW TIR Rms: 0.4 secs
4 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	22	228	EP		0008	3.134	-0.47							1.0
TIR	HN	22	228	ES		0008	7.245	0.05							1.0
TIR	HN	22	228	IS		0008	7.476	0.28							1.0
TIR	HZ	22	228	IAML		0008	4.250			77	0.5				
LACI	HZ	34	302	EP		0008	5.565	0.08							1.0
LACI	HN	34	302	ES		0008	0.825	0.23							1.0
LACI	HZ	34	302	IAML		0008	8.027			76	0.9				
PHP	HZ	39	54	EP		0008	6.173	-0.29							1.0
PHP	HN	39	54	ES		0008	2.292	-0.08							1.0
PHP	HZ	39	54	IAML		0008	4.336			131	0.5				
PUK	HZ	64	348	EP		0008	0.732	0.09							1.0
PUK	HN	64	348	ES		0009	0.185	0.25							1.0
PUK	HZ	64	348	IAML		0009	3.255			50	0.2				
BERA	HZ	87	186	EP		0008	3.586	-0.73							1.0
BERA	HN	87	186	ES		0009	6.396	-0.18							1.0
BERA	HZ	87	186	IAML		0009	2.220			27	0.7				
BCI	HZ	99	0	EP		0008	5.946	-0.41							1.0
BCI	HN	99	0	ES		0009	0.296	0.01							1.0
BCI	HZ	99	0	IAML		0009	7.165			23	0.3				
KBN	HZ	113	147	EP		0008	8.537	-0.20							1.0
KBN	HE	113	147	ES		0009	5.103	0.51							1.0
KBN	HZ	113	147	IAML		0009	2.616			9	0.5				
PDG	HZ	125	328	EP		0009	0.211	-0.46							1.0
PDG	HN	125	328	ES		0009	8.361	0.27							1.0
PDG	HZ	125	328	IAML		0009	4.517			19	0.3				
NEST	HZ	144	144	EP		0009	3.788	-0.23							1.0
NEST	HN	144	144	ES		0009	4.064	-0.09							1.0
NEST	HZ	144	144	IAML		0009	4.022			13	0.8				
LSK	HZ	154	163	EP		0009	6.232	0.58							1.0
LSK	HN	154	163	ES		0009	7.970	0.86							1.0
LSK	HZ	154	163	IAML		0009	9.362			21	0.7				
SRN	HZ	177	182	EP		0009	8.585	-0.45							0.9
KZN	HZ	194	131	EP		0009	1.482	0.20							0.9
KEK	HZ	197	187	EP		0009	1.210	-0.39							0.9
KEK	HZ	197	187	IAML		0009	8.281			18	1.5				
SJES	BZ	198	358	EP		0009	2.477	0.63							0.9
SJES	BE	198	358	ES		0009	8.433	0.11							0.9

January 16 2023 Hour: 4: 3 33.8 Lat: 41.51N Lon: 20.02E D: 8.1 Ag: TIR Local
Magnitudes: 2.0ML TIR 2.4MW TIR Rms: 0.5 secs
5 km W of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	22	216	EP		0403	8.145	0.07							1.0
TIR	HN	22	216	ES		0403	1.362	-0.17							1.0
TIR	HZ	22	216	IAML		0403	3.526			28	0.7				
LACI	HZ	29	299	EP		0403	9.134	-0.07							1.0
LACI	HN	29	299	ES		0403	3.644	0.07							1.0
LACI	HZ	29	299	IAML		0403	7.565			84	0.8				
PHP	HZ	40	61	EP		0403	1.065	-0.04							1.0
PHP	HN	40	61	ES		0403	6.894	-0.11							1.0
PHP	HZ	40	61	IAML		0403	8.707			141	0.3				
PUK	HZ	60	350	EP		0403	4.757	0.09							1.0
PUK	HN	60	350	ES		0403	3.823	0.37							1.0
PUK	HZ	60	350	IAML		0403	7.191			39	0.2				
BERA	HZ	90	184	EP		0403	8.901	-0.79							1.0

BERA	HN	90	184	ES	0404	1.983	-0.57								1.0
BERA	HZ	90	184	IAML	0404	4.315		19	0.2						
BCI	HZ	95	2	EP	0403	0.715	0.12								1.0
BCI	HE	95	2	ES	0404	4.250	0.06								1.0
BCI	HZ	95	2	IAML	0404	9.172		15	1.2						
KBN	HZ	118	147	EP	0403	4.314	-0.03								1.0
KBN	HN	118	147	ES	0404	0.737	-0.24								1.0
KBN	HZ	118	147	IAML	0404	4.516		8	0.5						
PDG	HZ	120	329	EP	0403	4.004	-0.71								1.0
PDG	HN	120	329	ES	0404	1.584	-0.06								1.0
PDG	HZ	120	329	IAML	0404	5.306		35	0.2						
NEST	HZ	149	144	EP	0403	9.553	-0.08								1.0
NEST	HN	149	144	ES	0404	0.099	-0.45								1.0
NEST	HZ	149	144	IAML	0404	4.043		10	0.8						
LSK	HZ	159	162	EP	0404	1.421	0.21								0.9
LSK	HN	159	162	ES	0404	4.319	0.92								0.9
SRN	HZ	181	181	EP	0404	5.611	1.00								0.9
SJES	BZ	195	359	EP	0404	6.919	0.43								0.9
SJES	BN	195	359	ES	0404	2.342	-0.62								0.9
KEK	HZ	200	186	EP	0404	8.041	0.91								0.9
KEK	HZ	200	186	IAML	0404	3.091		24	0.9						

January 16 2023 Hour: 7:1 8.5 Lat: 41.51N Lon: 20.02E D: 11.1 Ag: TIR Local
Magnitudes: 2.7ML TIR 3.1MW TIR Rms: 0.4 secs
5 km W of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	22	217	EP		0701	3.132	0.20							1.0
TIR	HE	22	217	ES		0701	6.811	0.30							1.0
TIR	HZ	22	217	IAML		0701	2.434		225	0.3					
LACI	HZ	29	300	EP		0701	3.958	-0.13							1.0
LACI	HE	29	300	ES		0701	8.799	0.20							1.0
LACI	HZ	29	300	IAML		0701	3.606		375	0.4					
PHP	HZ	40	60	EP		0701	5.826	-0.10							1.0
PHP	HN	40	60	ES		0701	1.900	-0.03							1.0
PHP	HZ	40	60	IAML		0701	3.818		804	0.3					
PUK	HZ	61	350	EP		0701	9.603	0.26							1.0
PUK	HN	61	350	ES		0701	8.400	0.27							1.0
PUK	HZ	61	350	IAML		0701	0.533		290	0.2					
BERA	HZ	90	184	EP		0701	3.507	-0.62							1.0
BERA	HN	90	184	ES		0701	6.322	-0.46							1.0
BERA	HZ	90	184	IAML		0701	9.402		120	0.3					
BCI	HZ	96	2	EP		0701	5.112	-0.06							1.0
BCI	HE	96	2	ES		0701	8.002	-0.66							1.0
BCI	HZ	96	2	IAML		0701	4.484		104	0.4					
KBN	HZ	117	147	EP		0701	8.285	-0.51							1.0
KBN	HN	117	147	ES		0701	5.468	0.24							1.0
KBN	HZ	117	147	IAML		0701	1.057		48	0.4					
PDG	HZ	120	329	EP		0701	9.384	0.11							1.0
PDG	HN	120	329	ES		0701	5.861	-0.24							1.0
PDG	HZ	120	329	IAML		0701	9.931		171	0.5					
TPE	HZ	135	180	EP		0701	1.182	-0.47							1.0
TPE	HZ	135	180	IAML		0702	8.786		63	0.6					
NEST	HZ	149	144	EP		0701	4.056	-0.03							1.0
NEST	HE	149	144	ES		0701	5.186	0.38							1.0
NEST	HZ	149	144	IAML		0701	8.105		60	0.4					
LSK	HZ	158	162	EP		0701	6.677	1.02							0.9
LSK	HE	158	162	ES		0701	7.301	-0.34							0.9
LSK	HZ	158	162	IAML		0702	7.941		64	1.0					
SJES	BZ	195	359	EP		0701	1.377	0.50							0.9
KZN	HZ	199	132	EP		0701	1.674	0.37							0.9

January 16 2023 Hour: 9:53.7 Lat: 41.48N Lon: 20.04E D: 10.2 Ag: TIR Local
 Magnitudes: 3.3ML TIR 3.6MW TIR Rms: 0.5 secs
 5 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	21	225	EP	C	0905	8.190	0.31							1.0
TIR	HN	21	225	ES		0905	1.046	-0.23							1.0
TIR	HZ	21	225	IAML		0905	4.579			3351	0.6				
LACI	HZ	32	303	EP	D	0905	0.072	0.34							1.0
LACI	HE	32	303	ES		0905	4.344	-0.28							1.0
LACI	HZ	32	303	IAML		0905	9.277			1768	0.2				
PHP	HZ	40	56	EP	C	0905	1.090	-0.01							1.0
PHP	HN	40	56	ES		0905	7.091	-0.02							1.0
PHP	HZ	40	56	IAML		0905	9.311			1444	0.3				
PUK	HZ	64	349	EP	C	0905	5.483	0.38							1.0
PUK	HE	64	349	ES		0905	4.147	-0.21							1.0
PUK	HZ	64	349	IAML		0906	0.546			879	0.2				
BERA	HZ	87	185	EP	C	0905	8.480	-0.43							1.0
BERA	HZ	87	185	IAML		0906	0.720			291	0.4				
BPA2	HZ	91	203	EP	C	0905	9.508	-0.05							1.0
BCI	HZ	98	1	EP		0905	0.739	-0.14							1.0
BCI	HN	98	1	ES		0906	4.745	-0.05							1.0
BCI	HZ	98	1	IAML		0906	7.770			386	0.4				
KBN	HZ	114	146	EP		0905	3.629	0.16							1.0
KBN	HE	114	146	ES		0906	9.842	0.34							1.0
KBN	HZ	114	146	IAML		0906	9.223			192	0.4				
VLO	HZ	122	203	EP		0905	4.975	0.28							1.0
VLO	HZ	122	203	IAML		0906	7.500			406	0.8				
PDG	HZ	124	329	EP	C	0905	4.915	-0.16							1.0
PDG	HN	124	329	ES		0906	2.318	-0.08							1.0
PDG	HZ	124	329	IAML		0906	7.623			251	0.3				
TPE	HZ	132	181	EP		0905	6.256	-0.16							1.0
TPE	HN	132	181	ES		0906	4.928	0.10							1.0
TPE	HZ	132	181	IAML		0906	7.091			193	0.8				
NEST	HZ	146	144	EP	C	0905	8.885	0.12							1.0
NEST	HN	146	144	ES		0906	8.349	-0.73							1.0
NEST	HZ	146	144	IAML		0906	5.680			190	0.3				
LSK	HZ	155	162	EP		0906	0.402	0.06							1.0
LSK	HZ	155	162	IAML		0906	0.045			192	0.6				
SRN	HZ	178	181	EP	C	0906	4.834	1.02							0.9
SRN	HN	178	181	ES		0906	7.662	-0.55							0.9
SRN	HZ	178	181	IAML		0906	1.207			101	0.9				
KZN	HZ	195	131	EP		0906	7.121	0.95							0.9
KZN	HE	195	131	ES		0906	2.984	0.49							0.9
KEK	HZ	197	186	EP		0906	5.936	-0.42							0.9
KEK	HZ	197	186	IAML		0906	1.019			115	0.3				
SJES	BZ	198	358	EP	C	0906	7.572	1.04							0.9
BARB	BZ	208	44	EP		0906	7.716	-0.07							0.9
BOSS	SZ	230	60	EP		0906	9.622	-0.97							0.9
THL	HZ	270	141	EP		0906	6.124	0.43							0.9
LKD2	HZ	303	170	EP		0906	9.181	-0.79							0.8
PLG	HZ	312	112	EP		0906	0.448	-0.59							0.8
NVR	HZ	320	91	EP		0906	1.660	-0.43							0.8

January 16 2023 Hour: 9:39 22.1 Lat: 41.51N Lon: 20.00E D: 18.6 Ag: TIR Local
 Magnitudes: 3.7ML TIR 4.0MW TIR Rms: 0.6 secs
 7 km W of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	22	212	EP	D	0939	7.207	0.11							1.0
TIR	HZ	22	212	IAML		0939	6.685			3222	0.5				
LACI	HZ	27	300	EP	C	0939	8.004	0.14							1.0
LACI	HN	27	300	ES		0939	2.683	0.18							1.0
LACI	HZ	27	300	IAML		0939	7.898			6339	0.5				
PHP	HZ	42	62	EP	D	0939	9.525	-0.55							1.0

PHP	HE	42	62	ES		0939	6.201-0.29							1.0
PHP	HZ	42	62	IAML		0939	7.605	3574	0.3					
PUK	HZ	60	351	EP	C	0939	3.474 0.49							1.0
PUK	HN	60	351	ES		0939	1.647-0.11							1.0
PUK	HZ	60	351	IAML		0939	5.167	1096	0.2					
BERA	HZ	90	183	EP	D	0939	7.398-0.54							1.0
BERA	HN	90	183	ES		0939	0.442-0.29							1.0
BERA	HZ	90	183	IAML		0939	3.137	799	0.4					
BPA2	HZ	93	200	EP	C	0939	8.449 0.09							1.0
BCI	HZ	95	3	EP	C	0939	8.343-0.45							1.0
BCI	HN	95	3	ES		0939	2.435 0.16							1.0
BCI	HZ	95	3	IAML		0939	7.754	885	0.4					
PDG	HZ	119	329	EP	C	0939	2.215-0.50							1.0
PDG	HE	119	329	ES		0939	9.374 0.00							1.0
PDG	HZ	119	329	IAML		0940	3.978	841	0.3					
KBN	HZ	119	146	EP		0939	2.821 0.05							1.0
KBN	HN	119	146	ES		0939	9.723 0.25							1.0
KBN	HZ	119	146	IAML		0940	3.118	492	0.9					
VLO	HZ	123	200	EP		0939	4.590 1.12							1.0
VLO	HZ	123	200	IAML		0940	8.378	1206	0.9					
TPE	HZ	135	179	EP		0939	5.802 0.46							1.0
TPE	HN	135	179	ES		0940	4.175 0.04							1.0
TPE	HZ	135	179	IAML		0940	8.913	614	0.4					
NEST	HZ	151	144	EP	D	0939	7.908 0.09							1.0
NEST	HN	151	144	ES		0940	8.606-0.01							1.0
NEST	HZ	151	144	IAML		0940	4.359	419	0.5					
LSK	HZ	160	161	EP		0939	9.642 0.50							0.9
LSK	HE	160	161	ES		0940	0.173-0.84							0.9
LSK	HZ	160	161	IAML		0940	3.923	784	0.7					
SRN	HZ	181	180	EP		0939	2.261 0.45							0.9
SRN	HN	181	180	ES		0940	5.647-0.20							0.9
SRN	HZ	181	180	IAML		0940	4.806	242	0.8					
SJES	BZ	194	359	EP		0939	4.934 1.30							0.9
SJES	BE	194	359	ES		0940	9.730 0.60							0.9
KZN	HZ	201	131	EP		0939	5.189 0.80							0.9
KEK	HZ	201	185	EP		0939	5.018 0.70							0.9
KEK	HZ	201	185	IAML		0940	0.046	445	0.8					
BOSS	SZ	231	61	EP		0939	8.136-0.20							0.9
NOCI	HZ	259	253	EP		0940	1.456-0.39							0.9
LKD2	HZ	308	169	EP		0940	8.109 0.05							0.8
MRVN	HZ	323	262	EP		0940	9.132-0.86							0.8
SGRT	HZ	356	276	EP		0940	2.986-1.29							0.8
VLS	HZ	374	172	EP		0940	5.076-1.45							0.8
BZS	HZ	475	16	EP		0940	8.344-1.17							0.7

January 16 2023 Hour: 9:57 3.7 Lat: 41.50N Lon: 20.01E D: 12.1 Ag: TIR Local
Magnitudes: 2.7ML TIR Rms: 0.4 secs

6 km W of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	21	217	EP		0957	8.226	0.25							1.0
TIR	HE	21	217	ES		0957	2.023	0.59							1.0
TIR	HZ	21	217	IAML		0957	5.445		278	0.3					
LACI	HZ	29	302	EP		0957	9.340	0.03							1.0
LACI	HN	29	302	ES		0957	3.377-0.48								1.0
LACI	HZ	29	302	IAML		0957	8.668		377	0.3					
PHP	HZ	41	59	EP		0957	1.375	0.03							1.0
PHP	HN	41	59	ES		0957	7.489-0.04								1.0
PHP	HZ	41	59	IAML		0957	9.329		534	0.4					
PUK	HZ	62	351	EP		0957	4.860	0.14							1.0
PUK	HN	62	351	ES		0957	3.712	0.06							1.0
PUK	HZ	62	351	IAML		0957	5.633		121	0.3					
BERA	HZ	88	184	EP		0957	8.023-1.11								1.0
BERA	HE	88	184	ES		0957	1.500-0.13								1.0
BERA	HZ	88	184	IAML		0957	3.633		98	0.3					

BCI	HZ	97	3	EP	0957	0.680	0.11									1.0
BCI	HN	97	3	ES	0957	4.136	-0.10									1.0
BCI	HZ	97	3	IAML	0957	9.787				112	0.5					
PDG	HZ	121	329	EP	0957	4.853	0.27									1.0
PDG	HE	121	329	ES	0957	0.956	-0.54									1.0
PDG	HZ	121	329	IAML	0957	5.215				145	0.4					
TPE	HZ	133	180	EP	0957	6.876	0.21									1.0
TPE	HZ	133	180	IAML	0957	6.640				43	0.4					
NEST	HZ	148	144	EP	0957	9.718	0.51									1.0
NEST	HN	148	144	ES	0957	9.284	-0.58									1.0
NEST	HZ	148	144	IAML	0957	4.778				51	0.3					
LSK	HZ	157	162	EP	0957	0.701	-0.01									1.0
LSK	HE	157	162	ES	0957	2.878	0.29									1.0
LSK	HZ	157	162	IAML	0958	3.240				57	0.7					
SJES	BZ	196	359	EP	0957	7.028	0.92									0.9
KZN	HZ	198	131	EP	0957	6.058	-0.30									0.9

January 16 2023 Hour: 10:31 54.3 Lat: 41.50N Lon: 20.04E D: 14.6 Ag: TIR Local
Magnitudes: 2.0ML TIR Rms: 0.2 secs

3 km W of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	23	221	EP		1031	9.192	0.12							1.0
TIR	HE	23	221	ES		1032	2.758	-0.18							1.0
TIR	HZ	23	221	IAML		1032	5.605			37	0.1				
LACI	HZ	31	299	EP		1032	0.235	-0.07							1.0
LACI	HE	31	299	ES		1032	5.379	0.21							1.0
LACI	HZ	31	299	IAML		1032	7.581			65	0.1				
PHP	HZ	39	58	EP		1032	1.283	-0.30							1.0
PHP	HE	39	58	ES		1032	7.548	0.05							1.0
PHP	HZ	39	58	IAML		1032	8.958			120	0.3				
PUK	HZ	61	348	EP		1032	5.252	-0.05							1.0
PUK	HE	61	348	ES		1032	4.472	0.26							1.0
PUK	HZ	61	348	IAML		1032	6.312			37	0.2				
PDG	HZ	122	328	EP		1032	5.123	-0.18							1.0
PDG	HE	122	328	ES		1032	2.258	-0.05							1.0
PDG	HZ	122	328	IAML		1032	5.510			16	0.3				
NEST	HZ	147	145	EP		1032	9.527	-0.13							1.0
NEST	HN	147	145	ES		1032	0.534	0.33							1.0
NEST	HZ	147	145	IAML		1032	6.790			14	0.2				

January 16 2023 Hour: 10:54 44.3 Lat: 41.51N Lon: 20.04E D: 12.3 Ag: TIR Local
Magnitudes: 3.4ML TIR 3.6MW TIR Rms: 0.4 secs

3 km W of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	23	218	EP	D	1054	9.297	0.29							1.0
TIR	HE	23	218	ES		1054	2.926	0.13							1.0
TIR	HZ	23	218	IAML		1054	9.912			592	0.3				
LACI	HZ	30	298	EP	C	1054	0.168	0.09							1.0
LACI	HN	30	298	ES		1054	4.595	-0.15							1.0
LACI	HZ	30	298	IAML		1054	8.012			1711	0.4				
PHP	HZ	39	60	EP	C	1054	2.013	0.47							1.0
PHP	HN	39	60	ES		1054	7.516	0.13							1.0
PHP	HZ	39	60	IAML		1054	9.732			3127	0.3				
PUK	HZ	60	348	EP	C	1054	5.555	0.43							1.0
PUK	HN	60	348	ES		1055	3.694	-0.18							1.0
PUK	HZ	60	348	IAML		1055	6.940			907	0.3				
BERA	HZ	90	185	EP		1054	9.828	-0.23							1.0
BERA	HN	90	185	ES		1055	2.663	-0.15							1.0
BERA	HZ	90	185	IAML		1055	5.330			460	0.3				
BPA2	HZ	94	202	EP	C	1055	0.783	0.14							1.0
BCI	HZ	95	1	EP		1055	0.532	-0.36							1.0
BCI	HN	95	1	ES		1055	4.425	0.10							1.0
BCI	HZ	95	1	IAML		1055	0.258			569	0.4				
KBN	HZ	117	147	EP		1055	4.967	0.38							1.0

KBN	HE	117	147	ES		1055	1.023	0.02							1.0
KBN	HZ	117	147	IAML		1055	7.151		274	0.3					
PDG	HZ	121	328	EP	D	1055	4.652	-0.48							1.0
PDG	HN	121	328	ES		1055	2.089	0.10							1.0
PDG	HZ	121	328	IAML		1055	6.138		474	0.4					
TPE	HZ	135	181	EP		1055	7.781	0.21							1.0
TPE	HN	135	181	ES		1055	6.189	-0.22							1.0
TPE	HZ	135	181	IAML		1055	3.331		234	0.6					
NEST	HZ	149	145	EP	D	1055	9.911	0.05							1.0
NEST	HN	149	145	ES		1055	9.824	-0.73							1.0
NEST	HZ	149	145	IAML		1055	9.005		289	0.6					
LSK	HZ	158	162	EP		1055	1.226	-0.27							0.9
LSK	HN	158	162	ES		1055	3.637	0.12							0.9
LSK	HZ	158	162	IAML		1055	7.998		338	0.5					
SRN	HZ	181	181	EP		1055	5.388	0.74							0.9
SRN	HN	181	181	ES		1055	9.506	0.30							0.9
SRN	HZ	181	181	IAML		1055	6.627		85	0.7					
SJES	BZ	194	358	EP		1055	7.134	0.64							0.9
KZN	HZ	198	132	EP		1055	7.345	0.43							0.9
KZN	HE	198	132	ES		1055	3.675	0.36							0.9
KEK	HZ	201	186	EP		1055	6.717	-0.47							0.9
KEK	HN	201	186	ES		1055	3.586	-0.21							0.9
KEK	HZ	201	186	IAML		1055	1.512		141	0.4					
BARS	BZ	206	45	EP		1055	7.022	-0.89							0.9
BOSS	SZ	229	61	EP		1055	0.100	-0.73							0.9
THE	HZ	265	111	EP		1055	5.879	0.53							0.9
THL	HZ	273	142	EP		1055	6.773	0.30							0.8
LKD2	HZ	307	170	EP	C	1055	0.051	-0.76							0.8
PLG	HZ	313	113	EP		1055	1.247	-0.42							0.8

January 16 2023 Hour: 12:30 12.3 Lat: 41.86N Lon: 19.27E D: 8.6 Ag: TIR Local
Magnitudes: 2.0ML TIR Rms: 0.4 secs
30 km SW of Shkoder

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LACI	HZ	45	123	EP		1230	0.056	-0.36							1.0
LACI	HE	45	123	ES		1230	6.881	-0.10							1.0
LACI	HZ	45	123	IAML		1230	9.330		43	0.3					
PUK	HZ	56	68	EP		1230	2.784	0.40							1.0
PUK	HN	56	68	ES		1230	0.615	0.06							1.0
PUK	HZ	56	68	IAML		1230	3.923		35	0.1					
PDG	HZ	64	359	EP		1230	3.442	-0.33							1.0
PDG	HE	64	359	ES		1230	3.479	0.41							1.0
PDG	HZ	64	359	IAML		1230	4.400		46	0.4					
BCI	HZ	87	49	EP		1230	7.888	0.19							1.0
BCI	HN	87	49	ES		1230	9.409	-0.75							1.0
BCI	HZ	87	49	IAML		1230	1.928		49	0.4					
PHP	HZ	99	101	EP		1230	9.755	0.01							1.0
PHP	HN	99	101	ES		1230	4.350	0.47							1.0
PHP	HZ	99	101	IAML		1230	7.149		19	0.3					

January 16 2023 Hour: 12:55 44.1 Lat: 41.46N Lon: 20.07E D: 8.7 Ag: TIR Local
Magnitudes: 2.0ML TIR Rms: 0.3 secs
5 km S of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	21	235	EP		1255	8.048	-0.12							1.0
TIR	HN	21	235	ES		1255	1.738	0.28							1.0
TIR	HZ	21	235	IAML		1255	5.570		45	0.3					
LACI	HZ	35	304	EP		1255	9.839	-0.78							1.0
LACI	HN	35	304	ES		1255	6.239	0.34							1.0
PHP	HZ	40	51	EP		1255	1.475	0.02							1.0
PHP	HE	40	51	ES		1255	7.365	-0.04							1.0
PUK	HZ	67	347	EP		1255	6.252	0.12							1.0
PUK	HN	67	347	ES		1256	5.960	0.10							1.0
PUK	HZ	67	347	IAML		1256	8.425		29	0.3					

BERA	HZ	84	187	EP	1255	8.848	-0.18								1.0
BERA	HE	84	187	ES	1256	1.001	-0.12								1.0
BERA	HZ	84	187	IAML	1256	1.846			25	0.1					
NEST	HZ	142	144	EP	1256	9.162	0.43								1.0
NEST	HN	142	144	ES	1256	8.659	-0.01								1.0
NEST	HZ	142	144	IAML	1256	0.211			14	0.7					

January 16 2023 Hour: 13:26 39.6 Lat: 41.49N Lon: 20.05E D: 11.1 Ag: TIR Local
Magnitudes: 2.6ML TIR 2.8MW TIR Rms: 0.5 secs

3 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	23	224	EP		1326	4.418	0.33							1.0
TIR	HZ	23	224	IAML		1326	4.796			119	0.4				
LACI	HZ	32	299	EP		1326	5.754	0.13							1.0
LACI	HE	32	299	ES		1326	1.294	0.75							1.0
LACI	HZ	32	299	IAML		1326	3.533			280	0.3				
PHP	HZ	39	57	EP		1326	6.830	0.10							1.0
PHP	HN	39	57	ES		1326	2.772	0.23							1.0
PHP	HZ	39	57	IAML		1326	4.708			490	0.4				
PUK	HZ	62	348	EP		1326	1.117	0.41							1.0
PUK	HN	62	348	ES		1326	9.590	-0.15							1.0
PUK	HZ	62	348	IAML		1327	2.710			186	0.1				
SDA	HZ	77	323	IAML		1327	2.892			33	0.3				
BERA	HZ	88	186	EP		1326	4.705	-0.29							1.0
BERA	HE	88	186	ES		1327	6.936	-0.56							1.0
BERA	HZ	88	186	IAML		1327	9.605			87	0.3				
BCI	HZ	97	1	EP		1326	6.272	-0.17							1.0
BCI	HZ	97	1	IAML		1327	5.324			76	0.5				
PDG	HZ	123	328	EP		1326	9.572	-1.18							1.0
PDG	HN	123	328	ES		1327	7.596	-0.32							1.0
PDG	HZ	123	328	IAML		1327	1.578			61	0.5				
NEST	HZ	146	145	EP		1327	5.256	0.55							1.0
NEST	HN	146	145	ES		1327	4.923	-0.15							1.0
LSK	HZ	156	163	EP		1327	5.723	-0.64							1.0
LSK	HE	156	163	ES		1327	8.323	0.25							1.0
SRN	HZ	179	181	EP		1327	0.533	0.76							0.9
SRN	HZ	179	181	IAML		1327	8.970			23	0.7				

January 16 2023 Hour: 13:56 55.1 Lat: 41.49N Lon: 20.04E D: 11.1 Ag: TIR Local
Magnitudes: 2.0ML TIR Rms: 0.2 secs

4 km W of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	22	222	EP		1356	9.736	0.22							1.0
TIR	HE	22	222	ES		1357	2.992	-0.07							1.0
TIR	HZ	22	222	IAML		1357	8.446			40	0.3				
LACI	HZ	31	301	EP		1357	1.324	0.31							1.0
LACI	HN	31	301	ES		1357	5.370	-0.41							1.0
LACI	HZ	31	301	IAML		1357	8.903			78	0.3				
PHP	HZ	40	58	EP		1357	2.552	0.07							1.0
PHP	HN	40	58	ES		1357	8.327	-0.11							1.0
PHP	HZ	40	58	IAML		1357	9.975			143	0.3				
PUK	HZ	62	349	EP		1357	6.492	0.25							1.0
PUK	HN	62	349	ES		1357	5.135	-0.10							1.0
PUK	HZ	62	349	IAML		1357	8.036			47	0.2				
BCI	HZ	97	1	EP		1357	2.024	0.01							1.0
BCI	HZ	97	1	IAML		1357	2.027			13	0.3				
NEST	HZ	147	144	EP		1357	0.440	0.04							1.0
NEST	HN	147	144	ES		1357	0.622	-0.24							1.0
NEST	HZ	147	144	IAML		1357	6.737			14	0.4				

January 16 2023 Hour: 14:52 4.3 Lat: 41.46N Lon: 20.07E D: 16.7 Ag: TIR Local
 Magnitudes: 2.4ML TIR Rms: 0.3 secs
 5 km S of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	22	234	EP		1452	8.912	-0.20							1.0
TIR	HE	22	234	ES		1452	2.843	-0.13							1.0
TIR	HZ	22	234	IAML		1452	6.578			122	0.3				
LACI	HZ	36	303	EP		1452	1.141	-0.04							1.0
LACI	HN	36	303	ES		1452	6.896	0.17							1.0
LACI	HZ	36	303	IAML		1452	0.185			169	0.2				
PHP	HZ	39	51	EP		1452	1.825	-0.01							1.0
PHP	HE	39	51	ES		1452	7.731	-0.19							1.0
PHP	HZ	39	51	IAML		1452	0.069			200	0.2				
PUK	HZ	66	347	EP		1452	6.562	0.33							1.0
PUK	HN	66	347	ES		1452	6.245	0.37							1.0
PUK	HZ	66	347	IAML		1452	8.723			110	0.2				
BERA	HZ	85	187	EP		1452	9.290	0.06							1.0
BERA	HE	85	187	ES		1452	1.559	0.26							1.0
BERA	HZ	85	187	IAML		1452	4.444			58	0.1				
BCI	HZ	101	360	EP		1452	1.827	-0.06							1.0
BCI	HZ	101	360	ES		1452	6.203	0.11							1.0
BCI	HZ	101	360	IAML		1452	8.245			39	0.2				
PDG	HZ	127	328	EP		1452	5.634	-0.61							1.0
PDG	HN	127	328	ES		1452	3.626	-0.36							1.0
PDG	HZ	127	328	IAML		1452	7.785			37	0.2				
NEST	HZ	142	144	EP		1452	9.488	0.69							1.0
NEST	HN	142	144	ES		1452	8.119	-0.49							1.0
NEST	HZ	142	144	IAML		1452	5.415			31	0.4				
LSK	HZ	152	163	EP		1452	0.768	0.42							1.0
LSK	HN	152	163	ES		1452	1.078	-0.35							1.0

January 16 2023 Hour: 14:53 6.7 Lat: 41.46N Lon: 20.08E D: 15.2 Ag: TIR Local
 Magnitudes: 2.4ML TIR 3.0MW TIR Rms: 0.3 secs
 5 km S of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	22	236	EP		1453	1.112	-0.21							1.0
TIR	HN	22	236	ES		1453	5.155	0.06							1.0
TIR	HZ	22	236	IAML		1453	9.932			183	0.6				
LACI	HZ	36	304	EP		1453	3.387	-0.13							1.0
LACI	HN	36	304	ES		1453	9.527	0.46							1.0
LACI	HZ	36	304	IAML		1453	1.771			161	0.3				
PHP	HZ	39	50	EP		1453	4.056	-0.02							1.0
PHP	HN	39	50	ES		1453	9.908	-0.18							1.0
PHP	HZ	39	50	IAML		1453	1.490			208	0.4				
PUK	HZ	67	347	EP		1453	8.881	0.28							1.0
PUK	HE	67	347	ES		1453	7.947	-0.33							1.0
PUK	HZ	67	347	IAML		1453	2.198			76	0.5				
BERA	HZ	85	187	EP		1453	0.956	-0.54							1.0
BERA	HN	85	187	ES		1453	3.339	-0.17							1.0
KBN	HZ	110	147	EP		1453	5.844	0.05							1.0
KBN	HN	110	147	ES		1453	1.222	-0.06							1.0
KBN	HZ	110	147	IAML		1453	0.592			19	0.5				
PDG	HZ	128	328	EP		1453	8.264	-0.38							1.0
PDG	HE	128	328	ES		1453	6.748	0.30							1.0
PDG	HZ	128	328	IAML		1453	9.936			41	0.6				
NEST	HZ	142	144	EP		1453	1.627	0.56							1.0
NEST	HN	142	144	ES		1453	1.209	0.37							1.0
NEST	HZ	142	144	IAML		1453	8.592			32	0.4				

January 16 2023 Hour: 15:35 12.5 Lat: 41.47N Lon: 20.08E D: 11.5 Ag: TIR Local
 Magnitudes: 2.8ML TIR 3.3MW TIR Rms: 0.3 secs
 4 km S of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	23	233	EP		1535	7.144	0.10							1.0
TIR	HE	23	233	ES		1535	0.851	0.15							1.0
TIR	HZ	23	233	IAML		1535	5.181			297	0.3				
LACI	HZ	36	302	EP		1535	9.077	-0.09							1.0
LACI	HN	36	302	ES		1535	4.454	-0.09							1.0
LACI	HZ	36	302	IAML		1535	8.478			503	0.3				
PHP	HZ	38	51	EP		1535	9.880	0.18							1.0
PHP	HN	38	51	ES		1535	4.704	-0.79							1.0
PHP	HZ	38	51	IAML		1535	7.324			618	0.4				
PUK	HZ	66	346	EP		1535	4.296	0.06							1.0
PUK	HE	66	346	ES		1535	3.863	0.15							1.0
PUK	HZ	66	346	IAML		1535	6.500			173	0.2				
BERA	HZ	86	187	EP		1535	7.446	-0.10							1.0
BERA	HE	86	187	ES		1535	9.172	-0.53							1.0
BERA	HZ	86	187	IAML		1535	1.165			141	0.2				
BCI	HZ	100	359	EP		1535	0.159	0.26							1.0
BCI	HN	100	359	ES		1535	4.380	0.42							1.0
BCI	HZ	100	359	IAML		1535	0.749			104	0.6				
KBN	HZ	111	147	EP		1535	2.280	0.47							1.0
KBN	HN	111	147	ES		1535	7.465	0.04							1.0
KBN	HZ	111	147	IAML		1536	1.444			54	0.4				
PDG	HZ	127	328	EP		1535	3.587	-0.74							1.0
PDG	HN	127	328	ES		1535	2.051	0.07							1.0
PDG	HZ	127	328	IAML		1535	7.633			85	0.4				
TPE	HZ	131	182	EP		1535	4.806	-0.20							1.0
TPE	HZ	131	182	IAML		1536	4.207			114	1.1				
NEST	HZ	143	145	EP		1535	7.642	0.55							1.0
NEST	HN	143	145	ES		1535	7.207	0.23							1.0
NEST	HZ	143	145	IAML		1536	3.623			74	0.5				
LSK	HZ	153	163	EP		1535	8.671	-0.11							1.0
LSK	HE	153	163	ES		1535	9.904	-0.13							1.0
LSK	HZ	153	163	IAML		1536	3.352			86	0.7				
SRN	HZ	177	182	EP		1535	2.713	0.37							0.9
SRN	HZ	177	182	IAML		1536	1.962			25	0.5				
KZN	HZ	192	132	EP		1535	4.568	0.10							0.9
KEK	HZ	196	187	EP		1535	4.786	-0.14							0.9
KEK	HZ	196	187	IAML		1536	6.801			68	1.1				
THL	HZ	268	142	EP		1535	3.759	-0.26							0.9

January 16 2023 Hour: 15:45 3.9 Lat: 41.48N Lon: 20.07E D: 11.1 Ag: TIR Local
 Magnitudes: 2.8ML TIR 3.0MW TIR Rms: 0.5 secs
 3 km S of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	23	230	EP		1545	8.401	-0.01							1.0
TIR	HN	23	230	ES		1545	2.174	0.09							1.0
TIR	HZ	23	230	IAML		1545	4.913			381	0.3				
LACI	HZ	34	301	EP		1545	0.230	-0.08							1.0
LACI	HN	34	301	ES		1545	6.196	0.67							1.0
LACI	HZ	34	301	IAML		1545	8.011			292	0.5				
PHP	HZ	38	53	EP		1545	1.110	0.11							1.0
PHP	HN	38	53	ES		1545	7.136	0.37							1.0
PHP	HZ	38	53	IAML		1545	7.851			478	0.4				
PUK	HZ	64	347	EP		1545	5.333	-0.02							1.0
PUK	HN	64	347	ES		1545	5.096	0.45							1.0
PUK	HZ	64	347	IAML		1545	0.721			89	0.5				
SDA	HZ	79	323	EP		1545	5.875	-1.92							1.0
SDA	HE	79	323	ES		1545	8.295	-0.76							1.0
SDA	HZ	79	323	IAML		1545	7.001			28	0.3				
BERA	HZ	87	187	EP		1545	8.441	-0.64							1.0

BERA	HE	87	187	ES	1545	1.393	-0.00										1.0
BERA	HZ	87	187	IAML	1545	2.427		156	0.1								
BCI	HZ	99	360	EP	1545	1.200	0.16										1.0
BCI	HN	99	360	ES	1545	5.114	0.18										1.0
BCI	HZ	99	360	IAML	1545	2.315		72	0.6								
KBN	HZ	112	147	EP	1545	3.307	-0.08										1.0
KBN	HE	112	147	ES	1545	9.403	0.21										1.0
KBN	HZ	112	147	IAML	1545	8.013		40	0.9								
VLO	HZ	122	204	EP	1545	5.426	0.44										1.0
VLO	HN	122	204	ES	1545	2.455	0.38										1.0
VLO	HZ	122	204	IAML	1545	7.954		100	0.4								
PDG	HZ	125	328	EP	1545	4.999	-0.44										1.0
PDG	HN	125	328	ES	1545	3.138	0.23										1.0
PDG	HZ	125	328	IAML	1545	7.273		75	0.6								
NEST	HZ	144	145	EP	1545	8.616	-0.05										1.0
NEST	HE	144	145	ES	1545	8.772	0.03										1.0
NEST	HZ	144	145	IAML	1545	9.726		64	0.6								
LSK	HZ	154	163	EP	1545	0.544	0.19										1.0
LSK	HN	154	163	ES	1545	1.506	-0.29										1.0
LSK	HZ	154	163	IAML	1546	4.468		90	0.7								
SRN	HZ	178	182	EP	1545	4.613	0.72										0.9
SRN	HN	178	182	ES	1545	7.684	-0.52										0.9
SRN	HZ	178	182	IAML	1546	5.584		29	0.4								
KZN	HZ	194	132	EP	1545	6.303	0.28										0.9
KZN	HN	194	132	ES	1546	1.910	-0.15										0.9
SJES	BN	198	358	ES	1546	3.303	0.12										0.9
SJES	BZ	198	358	IAML	1546	2.060		213	0.7								
KEK	HZ	198	187	EP	1545	5.758	-0.70										0.9
KEK	HZ	198	187	IAML	1546	3.278		56	1.0								
SJES	BZ	198	358	EP	1545	6.318	-0.33										0.9
KEK	HE	198	187	ES	1546	2.693	-0.16										0.9
BARS	BZ	207	44	EP	1545	8.479	0.81										0.9
BARS	BN	207	44	ES	1546	4.982	-0.05										0.9
SCTE	HZ	207	221	EP	1545	8.019	0.38										0.9
SCTE	HN	207	221	ES	1546	5.018	0.04										0.9
JAN	HZ	213	162	EP	1545	8.579	0.12										0.9
JAN	HE	213	162	ES	1546	6.534	0.06										0.9
BOSS	SZ	228	59	EP	1545	9.936	-0.48										0.9
NOCI	HZ	264	254	EP	1545	6.645	1.65										0.9
THL	HZ	269	142	EP	1545	5.633	0.05										0.9
THL	HN	269	142	ES	1546	9.237	-0.12										0.9
LKD2	HZ	303	170	EP	1545	9.265	-0.73										0.8
PLG	HZ	309	112	EP	1545	0.864	0.02										0.8

January 16 2023 Hour: 18:23 22.7 Lat: 41.49N Lon: 20.07E D: 14.1 Ag: TIR Local
Magnitudes: 3.8ML TIR 4.0MW TIR Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	23	227	EP	D	1823	7.601	0.14							1.0
TIR	HN	23	227	ES		1823	1.129	-0.18							1.0
TIR	HZ	23	227	IAML		1823	4.138		4969	0.3					
LACI	HZ	33	300	EP	C	1823	9.259	0.18							1.0
LACI	HN	33	300	ES		1823	4.628	0.38							1.0
LACI	HZ	33	300	IAML		1823	9.949		5413	0.9					
PHP	HZ	38	55	EP	D	1823	0.220	0.34							1.0
PHP	HN	38	55	ES		1823	5.902	0.21							1.0
PHP	HZ	38	55	IAML		1823	7.614		5702	0.5					
PUK	HZ	63	347	EP	C	1823	4.066	0.02							1.0
PUK	HE	63	347	ES		1823	3.892	0.67							1.0
PUK	HZ	63	347	IAML		1823	9.288		1738	0.6					
SDA	HZ	78	323	EP	C	1823	4.779	-1.68							1.0
SDA	HN	78	323	ES		1823	7.413	-0.19							1.0
SDA	HZ	78	323	IAML		1824	2.712		597	1.2					
BERA	HZ	88	186	EP	D	1823	7.616	-0.44							1.0

BERA	HN	88	186	ES		1823	0.231-0.26			1.0
BERA	HZ	88	186	IAML		1823	2.776	1264	0.2	
BPA2	HZ	92	204	EP		1823	8.493-0.29			1.0
BPA2	HN	92	204	ES		1823	2.522 0.71			1.0
BCI	HZ	98	0	EP	C	1823	9.740 0.02			1.0
BCI	HN	98	0	ES		1823	3.867 0.36			1.0
BCI	HZ	98	0	IAML		1824	1.250	1129	0.7	
KBN	HZ	114	147	EP		1823	2.309-0.08			1.0
KBN	HE	114	147	ES		1823	8.486 0.15			1.0
KBN	HZ	114	147	IAML		1824	0.968	893	1.7	
VLO	HZ	123	203	EP		1823	4.329 0.41			1.0
VLO	HN	123	203	ES		1824	1.545 0.44			1.0
VLO	HZ	123	203	IAML		1824	6.852	932	0.3	
PDG	HZ	124	328	EP	C	1823	3.729-0.38			1.0
PDG	HN	124	328	ES		1824	1.598 0.16			1.0
PDG	HZ	124	328	IAML		1824	6.317	945	0.6	
NEST	HE	145	145	ES		1824	8.142 0.26			1.0
LSK	HZ	155	163	EP		1823	8.941-0.41			1.0
LSK	HN	155	163	ES		1824	0.694-0.24			1.0
LSK	HZ	155	163	IAML		1824	4.247	1279	0.9	
SRN	HZ	179	182	EP		1823	3.160 0.65			0.9
SRN	HN	179	182	ES		1824	7.651 1.01			0.9
SRN	HZ	179	182	IAML		1824	2.469	361	1.6	
KZN	HZ	195	132	EP		1823	5.042 0.39			0.9
KZN	HE	195	132	ES		1824	0.034-0.49			0.9
SJES	BZ	197	358	EP	C	1823	6.150 1.12			0.9
SJES	BE	197	358	ES		1824	2.030 0.82			0.9
SJES	BZ	197	358	IAML		1824	0.956	3222	0.7	
KEK	HZ	198	187	EP	D	1823	5.014-0.06			0.9
KEK	HN	198	187	ES		1824	1.845 0.56			0.9
KEK	HZ	198	187	IAML		1824	4.197	481	0.9	
BARS	BN	207	44	ES		1824	3.364 0.15			0.9
SCTE	HN	207	221	ES		1824	3.632 0.34			0.9
BARS	BZ	207	44	EP	C	1823	7.934 1.80			0.9
SCTE	HZ	207	221	EP		1823	6.431 0.25			0.9
JAN	HZ	214	162	EP	D	1823	8.010 0.92			0.9
JAN	HE	214	162	ES		1824	5.561 0.61			0.9
BOSS	SZ	228	60	EP		1823	9.060 0.14			0.9
BOSS	SN	228	60	ES		1824	7.652-0.60			0.9
THE	HZ	262	110	EP		1824	2.396-0.74			0.9
THE	HE	262	110	ES		1824	5.092-0.80			0.9
THE	HZ	262	110	IAML		1824	6.875	78	1.3	
NOCI	HZ	264	254	EP		1824	2.118-1.35			0.9
THL	HZ	270	142	EP		1824	4.460 0.25			0.9
THL	HN	270	142	ES		1824	8.237 0.40			0.9
LKD2	HZ	304	170	EP		1824	8.548-0.07			0.8
PLG	HZ	310	112	EP		1824	9.249-0.20			0.8
NVR	HZ	318	92	EP		1824	0.168-0.27			0.8
NVR	HN	318	92	ES		1824	9.200 0.09			0.8
MRVN	HZ	328	263	EP		1824	0.657-1.04			0.8
SGRT	HZ	361	276	EP		1824	4.116-1.94			0.8
VLS	HZ	370	173	EP		1824	5.320-1.80			0.8
VLS	HN	370	173	ES		1825	1.496 0.30			0.8
BLY	HZ	432	328	EP		1824	5.376 0.41			0.7
RDO	HZ	459	93	EP		1824	7.146-1.37			0.7
BZS	HZ	476	15	EP		1824	9.376-1.32			0.7
ITM	HZ	504	161	EP		1824	3.456-0.87			0.6
KIRK	HZ	587	84	EP		1824	2.988-1.46			0.6
NEST	HZ			EP	D	1823	7.509			
NEST	HZ	145	145	IAML		1824	8.695	848	0.6	

January 16 2023 Hour: 18:31 38.1 Lat: 41.48N Lon: 20.05E D: 11.1 Ag: TIR Local
 Magnitudes: 2.2ML TIR Rms: 0.5 secs
 4 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	21	228	EP		1831	2.452	-0.01							1.0
TIR	HN	21	228	ES		1831	6.440	0.48							1.0
TIR	HZ	21	228	IAML		1831	0.357			81	0.2				
LACI	HZ	33	302	EP		1831	4.626	0.26							1.0
LACI	HE	33	302	ES		1831	0.157	0.75							1.0
LACI	HZ	33	302	IAML		1831	5.210			104	0.5				
PHP	HZ	40	54	EP		1831	5.270	-0.22							1.0
PHP	HN	40	54	ES		1831	1.481	0.03							1.0
PHP	HZ	40	54	IAML		1831	3.658			268	0.3				
PUK	HZ	64	348	EP		1831	0.052	0.46							1.0
PUK	HN	64	348	ES		1831	9.595	0.73							1.0
PUK	HZ	64	348	IAML		1832	2.500			61	0.3				
SDA	HZ	79	324	EP		1831	0.151	-1.77							1.0
SDA	HN	79	324	ES		1832	2.592	-0.50							1.0
SDA	HZ	79	324	IAML		1832	7.277			15	0.4				
BERA	HZ	87	186	EP		1831	2.240	-1.04							1.0
BERA	HE	87	186	ES		1832	5.116	-0.42							1.0
BERA	HZ	87	186	IAML		1832	7.810			38	0.1				
BCI	HZ	99	1	EP		1831	5.109	-0.22							1.0
BCI	HN	99	1	ES		1832	9.669	0.41							1.0
BCI	HZ	99	1	IAML		1832	6.471			49	0.6				
KBN	HZ	113	147	EP		1831	7.709	-0.05							1.0
KBN	HN	113	147	ES		1832	3.900	0.25							1.0
KBN	HZ	113	147	IAML		1832	8.673			14	0.3				
PDG	HZ	124	328	EP		1831	9.147	-0.45							1.0
PDG	HE	124	328	ES		1832	6.965	-0.01							1.0
PDG	HZ	124	328	IAML		1832	3.918			33	0.6				
NEST	HZ	145	144	EP		1832	3.178	0.13							1.0
NEST	HN	145	144	ES		1832	2.871	-0.35							1.0
NEST	HZ	145	144	IAML		1832	6.951			17	0.7				
LSK	HZ	154	163	EP		1832	5.314	0.66							1.0
LSK	HE	154	163	ES		1832	6.906	0.78							1.0
LSK	HZ	154	163	IAML		1832	8.754			34	0.6				
SRN	HZ	177	181	EP		1832	8.133	0.01							0.9
SRN	HE	177	181	ES		1832	2.484	0.08							0.9
KZN	HZ	195	131	EP		1832	9.961	-0.45							0.9
KZN	HN	195	131	ES		1832	6.991	0.43							0.9
SJES	BZ	198	358	EP		1832	1.200	0.27							0.9
SJES	BN	198	358	ES		1832	7.617	0.13							0.9
SJES	BZ	198	358	IAML		1832	2.946			104	0.7				
BARS	BZ	208	44	EP		1832	2.312	0.22							0.9
BOSS	SZ	229	60	EP		1832	4.350	-0.52							0.9

January 16 2023 Hour: 18:35 48.0 Lat: 41.47N Lon: 20.07E D: 11.0 Ag: TIR Local
 Magnitudes: 2.0ML TIR Rms: 0.7 secs
 4 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	22	231	EP		1835	2.485	0.13							1.0
TIR	HN	22	231	ES		1835	6.306	0.41							1.0
TIR	HZ	22	231	IAML		1835	9.082			26	0.1				
LACI	HZ	34	302	EP		1835	4.799	0.40							1.0
LACI	HN	34	302	ES		1836	0.520	0.92							1.0
LACI	HZ	34	302	IAML		1836	5.427			77	0.4				
PHP	HZ	39	53	EP		1835	5.462	0.21							1.0
PHP	HN	39	53	ES		1836	1.303	0.16							1.0
PHP	HZ	39	53	IAML		1836	2.763			126	0.7				
PUK	HZ	65	347	EP		1835	9.690	0.13							1.0
PUK	HN	65	347	ES		1836	0.022	1.07							1.0
PUK	HZ	65	347	IAML		1836	1.421			29	0.3				

SDA	HZ	80	324	EP	1836	0.078-1.86									1.0
SDA	HN	80	324	ES	1836	2.919-0.33									1.0
SDA	HZ	80	324	IAML	1836	3.072			9	0.1					
BERA	HZ	86	187	EP	1836	2.815-0.21									1.0
BERA	HE	86	187	ES	1836	5.180-0.04									1.0
BERA	HZ	86	187	IAML	1836	9.215			16	0.4					
PDG	HZ	126	328	EP	1836	8.543-1.06									1.0
PDG	HN	126	328	ES	1836	6.397-0.73									1.0
PDG	HZ	126	328	IAML	1836	0.028			15	0.6					
NEST	HZ	144	145	EP	1836	3.148 0.45									1.0
NEST	HN	144	145	ES	1836	2.065-0.66									1.0
NEST	HZ	144	145	IAML	1836	8.311			10	0.6					
LSK	HZ	154	163	EP	1836	4.570 0.23									1.0
LSK	HN	154	163	ES	1836	5.871 0.18									1.0
LSK	HZ	154	163	IAML	1836	2.809			17	0.8					
SJES	BZ	199	358	EP	1836	1.097 0.24									0.9
SJES	BN	199	358	ES	1836	7.884 0.40									0.9

January 16 2023 Hour: 19: 4 34.6 Lat: 41.48N Lon: 20.07E D: 10.1 Ag: TIR Local
Magnitudes: 2.6ML TIR 2.9MW TIR Rms: 0.5 secs
3 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	23	229	EP		1904	9.022-0.07								1.0
TIR	HN	23	229	ES		1904	2.879 0.16								1.0
TIR	HZ	23	229	IAML		1904	6.168			216	0.3				
LACI	HZ	34	300	EP		1904	1.040 0.05								1.0
LACI	HN	34	300	ES		1904	6.678 0.52								1.0
LACI	HZ	34	300	IAML		1904	8.639			274	0.6				
PHP	HZ	38	54	EP		1904	1.634-0.04								1.0
PHP	HN	38	54	ES		1904	7.446 0.05								1.0
PHP	HZ	38	54	IAML		1904	9.190			424	0.6				
PUK	HZ	64	347	EP		1904	6.508 0.40								1.0
PUK	HN	64	347	ES		1904	5.578 0.15								1.0
PUK	HZ	64	347	IAML		1904	8.139			145	0.4				
SDA	HZ	79	323	EP		1904	6.540-2.01								1.0
SDA	HN	79	323	ES		1904	9.420-0.43								1.0
SDA	HZ	79	323	IAML		1905	0.185			29	0.1				
BERA	HZ	87	187	EP		1904	9.211-0.69								1.0
BERA	HN	87	187	ES		1905	1.789-0.50								1.0
BERA	HZ	87	187	IAML		1905	4.509			84	0.2				
BPA2	HZ	92	205	EP		1904	0.281-0.39								1.0
BCI	HZ	98	360	EP		1904	2.078 0.29								1.0
BCI	HN	98	360	ES		1905	5.831 0.13								1.0
BCI	HZ	98	360	IAML		1905	8.470			70	0.3				
KBN	HZ	113	148	EP		1904	4.352 0.16								1.0
KBN	HE	113	148	ES		1905	0.280 0.22								1.0
KBN	HZ	113	148	IAML		1905	4.082			20	0.1				
VLO	HZ	123	204	EP		1904	6.034 0.23								1.0
VLO	HE	123	204	ES		1905	3.562 0.59								1.0
VLO	HZ	123	204	IAML		1905	4.482			58	0.4				
PDG	HZ	125	328	EP		1904	5.910-0.29								1.0
PDG	HN	125	328	ES		1905	4.020 0.33								1.0
PDG	HZ	125	328	IAML		1905	6.926			61	0.3				
NEST	HZ	144	145	EP		1904	9.388-0.08								1.0
NEST	HN	144	145	ES		1905	9.562-0.05								1.0
NEST	HZ	144	145	IAML		1905	4.791			38	0.3				
LSK	HZ	154	163	EP		1905	0.933-0.24								1.0
LSK	HN	154	163	ES		1905	2.136-0.55								1.0
LSK	HZ	154	163	IAML		1905	3.171			63	0.6				
SRN	HZ	178	182	EP		1905	6.424 1.65								0.9
SRN	HN	178	182	ES		1905	9.413 0.21								0.9
SRN	HZ	178	182	IAML		1905	0.478			31	1.0				
KZN	HZ	194	132	EP		1905	6.962 0.07								0.9
KZN	HE	194	132	ES		1905	3.244 0.21								0.9

KEK	HZ	198	187	EP	1905	6.841	-0.50										0.9
KEK	HE	198	187	ES	1905	4.054	0.20										0.9
KEK	HZ	198	187	IAML	1905	2.074		69	1.3								
SJES	BZ	198	358	EP	1905	7.924	0.45										0.9
SJES	BE	198	358	ES	1905	4.244	0.15										0.9
SJES	BZ	198	358	IAML	1905	2.417		182	0.7								
BARS	BZ	207	44	EP	1905	9.121	0.62										0.9
SCTE	HZ	207	221	EP	1905	8.710	0.20										0.9
SCTE	HN	207	221	ES	1905	5.562	-0.41										0.9
JAN	HZ	213	162	EP	1905	9.726	0.39										0.9
BOSS	SZ	228	60	EP	1905	0.427	-0.82										0.9
BOSS	SN	228	60	ES	1905	0.584	-0.35										0.9
NOCI	HZ	264	254	EP	1905	5.959	0.10										0.9
THL	HZ	269	142	EP	1905	6.729	0.28										0.9
THL	HN	269	142	ES	1905	0.187	-0.16										0.9

January 16 2023 Hour: 19: 5 58.6 Lat: 41.47N Lon: 20.06E D: 11.1 Ag: TIR Local
Magnitudes: 2.3ML TIR Rms: 0.4 secs
4 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	22	229	EP		1906	3.118	0.19							1.0
TIR	HN	22	229	ES		1906	6.907	0.44							1.0
TIR	HZ	22	229	IAML		1906	1.296		106	0.2					
LACI	HZ	34	302	EP		1906	5.057	0.15							1.0
LACI	HE	34	302	ES		1906	0.501	0.45							1.0
LACI	HZ	34	302	IAML		1906	4.478		128	0.4					
PHP	HZ	39	53	EP		1906	5.904	0.05							1.0
PHP	HE	39	53	ES		1906	1.778	0.03							1.0
PHP	HZ	39	53	IAML		1906	3.240		315	0.2					
PUK	HZ	65	347	EP		1906	0.043	-0.04							1.0
PUK	HN	65	347	ES		1906	9.677	0.26							1.0
PUK	HZ	65	347	IAML		1906	2.239		69	0.2					
SDA	HZ	79	324	EP		1906	0.598	-1.85							1.0
SDA	HN	79	324	ES		1906	2.856	-0.85							1.0
SDA	HZ	79	324	IAML		1906	3.818		30	0.1					
BERA	HZ	86	186	EP		1906	3.509	-0.14							1.0
BERA	HE	86	186	ES		1906	5.500	-0.37							1.0
BERA	HZ	86	186	IAML		1906	0.874		34	0.1					
BPA2	HZ	91	204	EP		1906	4.451	0.07							1.0
BCI	HZ	99	0	EP		1906	6.216	0.41							1.0
BCI	HE	99	0	ES		1906	9.915	0.15							1.0
BCI	HZ	99	0	IAML		1906	4.723		35	0.4					
KBN	HZ	113	147	EP		1906	8.027	-0.04							1.0
KBN	HN	113	147	ES		1906	3.942	0.08							1.0
KBN	HZ	113	147	IAML		1906	8.194		13	0.2					
PDG	HZ	125	328	EP		1906	0.079	-0.04							1.0
PDG	HN	125	328	ES		1906	7.859	0.28							1.0
PDG	HZ	125	328	IAML		1906	2.279		40	0.2					
NEST	HZ	144	144	EP		1906	3.563	0.21							1.0
NEST	HN	144	144	ES		1906	3.317	-0.11							1.0
NEST	HZ	144	144	IAML		1906	6.646		21	0.4					
LSK	HZ	154	163	EP		1906	5.376	0.39							1.0
LSK	HN	154	163	ES		1906	6.003	-0.38							1.0
LSK	HZ	154	163	IAML		1906	7.595		35	0.5					
SRN	HZ	177	182	EP		1906	9.183	0.68							0.9
SRN	HN	177	182	ES		1906	2.622	-0.13							0.9
KZN	HZ	194	131	EP		1906	0.649	-0.10							0.9
SJES	BZ	199	358	EP		1906	1.858	0.46							0.9
SJES	BN	199	358	ES		1906	8.134	0.15							0.9
SJES	BZ	199	358	IAML		1907	6.810		101	0.7					
BARS	BZ	208	44	EP		1906	2.416	-0.06							0.9
BARS	BE	208	44	ES		1906	9.971	0.02							0.9
THL	HZ	269	141	EP		1906	0.297	0.02							0.9
THL	HN	269	141	ES		1907	3.796	-0.27							0.9

January 16 2023 Hour: 19:11 12.4 Lat: 41.48N Lon: 20.04E D: 9.9 Ag: TIR Local
 Magnitudes: 2.0ML TIR Rms: 0.5 secs
 5 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	21	226	EP		1911	7.038	0.50							1.0
TIR	HN	21	226	ES		1911	0.101	0.24							1.0
TIR	HZ	21	226	IAML		1911	3.694			56	0.3				
LACI	HZ	32	303	EP		1911	8.721	0.26							1.0
LACI	HE	32	303	ES		1911	3.785	0.44							1.0
LACI	HZ	32	303	IAML		1911	8.430			76	0.5				
PHP	HZ	41	55	EP		1911	9.807	-0.10							1.0
PHP	HN	41	55	ES		1911	5.620	-0.34							1.0
PHP	HZ	41	55	IAML		1911	6.945			181	0.2				
PUK	HZ	64	349	EP		1911	4.132	0.20							1.0
PUK	HN	64	349	ES		1911	3.673	0.43							1.0
PUK	HZ	64	349	IAML		1911	6.008			32	0.1				
SDA	HZ	78	325	EP		1911	4.612	-1.59							1.0
SDA	HN	78	325	ES		1911	6.455	-0.89							1.0
SDA	HZ	78	325	IAML		1911	7.693			16	0.1				
BERA	HZ	86	185	EP		1911	7.193	-0.43							1.0
BERA	HN	86	185	ES		1911	9.834	-0.09							1.0
BERA	HZ	86	185	IAML		1911	1.864			17	0.2				
BCI	HZ	99	1	EP		1911	9.354	-0.36							1.0
BCI	HN	99	1	ES		1911	4.027	0.33							1.0
BCI	HZ	99	1	IAML		1911	9.002			23	0.4				
KBN	HZ	114	146	EP		1911	2.452	0.23							1.0
KBN	HN	114	146	ES		1911	7.894	-0.35							1.0
KBN	HZ	114	146	IAML		1911	8.693			8	0.4				
PDG	HZ	124	329	EP		1911	3.710	-0.17							1.0
PDG	HN	124	329	ES		1911	1.520	0.27							1.0
PDG	HZ	124	329	IAML		1911	6.053			21	0.1				
NEST	HZ	145	144	EP		1911	7.476	-0.04							1.0
NEST	HN	145	144	ES		1911	7.809	-0.02							1.0
NEST	HZ	145	144	IAML		1912	0.499			11	0.3				
LSK	HZ	155	162	EP		1911	9.101	0.03							1.0
LSK	HN	155	162	ES		1912	1.058	0.41							1.0
LSK	HZ	155	162	IAML		1912	1.557			21	0.7				
SJES	BZ	198	358	EP		1911	5.416	0.04							0.9
SJES	BN	198	358	ES		1912	2.410	0.35							0.9
SJES	BZ	198	358	IAML		1912	6.906			117	1.7				
BARS	BZ	209	44	EP		1911	7.206	0.57							0.9
BARS	BN	209	44	ES		1912	4.917	0.58							0.9
BOSS	SZ	230	60	EP		1911	9.540	0.10							0.9
THL	HZ	270	141	EP		1911	4.019	-0.46							0.9
THL	HN	270	141	ES		1912	8.638	0.11							0.9

January 16 2023 Hour: 19:44 43.9 Lat: 40.06N Lon: 19.93E D: 15.7 Ag: TIR Local
 Magnitudes: 2.0ML TIR Rms: 0.7 secs
 16 km E of Himare

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	21	164	EP		1944	8.247	-0.15							1.0
SRN	HE	21	164	ES		1944	2.259	0.21							1.0
SRN	HZ	21	164	IAML		1944	5.319			92	0.2				
KEK	HZ	40	197	EP		1944	1.368	-0.02							1.0
KEK	HN	40	197	ES		1944	7.461	-0.01							1.0
KEK	HZ	40	197	IAML		1945	0.168			154	0.4				
LSK	HZ	58	80	EP		1944	3.365	-0.94							1.0
LSK	HN	58	80	ES		1945	1.136	-1.62							1.0
LSK	HZ	58	80	IAML		1945	7.721			58	0.5				
VLO	HZ	59	321	EP		1944	5.782	1.30							1.0
VLO	HN	59	321	ES		1945	3.447	0.38							1.0
BERA	HZ	72	1	EP		1944	5.724	-0.85							1.0
BERA	HE	72	1	ES		1945	7.000	0.14							1.0

BERA	HZ	72	1	IAML	1945	1.127			32	0.2				
JAN	HZ	90	119	EP	1945	0.141	0.46							1.0
JAN	HE	90	119	ES	1945	4.448	1.97							1.0
KBN	HZ	96	49	EP	1944	9.919	-0.74							1.0
KBN	HN	96	49	ES	1945	4.589	0.34							1.0
KBN	HZ	96	49	IAML	1945	9.284			20	0.6				
NEST	HZ	103	67	EP	1945	1.480	-0.34							1.0
NEST	HN	103	67	ES	1945	6.947	0.60							1.0
NEST	HZ	103	67	IAML	1945	8.829			14	0.5				
SCTE	HZ	125	271	EP	1945	5.439	-0.03							1.0
SCTE	HN	125	271	ES	1945	2.072	-0.89							1.0
LKD2	HZ	154	156	EP	1945	9.876	-0.33							1.0
LKD2	HN	154	156	ES	1945	0.995	-0.54							1.0
KZN	HZ	159	79	EP	1945	1.607	0.60							0.9
KZN	HN	159	79	ES	1945	2.460	-0.52							0.9
PHP	HZ	186	13	EP	1945	5.254	0.75							0.9
PHP	HN	186	13	ES	1945	9.488	0.18							0.9
THL	HZ	186	106	EP	1945	4.937	0.43							0.9
THL	HN	186	106	ES	1945	8.976	-0.35							0.9

January 16 2023 Hour: 20:56 33.8 Lat: 41.49N Lon: 20.06E D: 12.5 Ag: TIR Local
Magnitudes: 2.4ML TIR 2.8MW TIR Rms: 0.5 secs
3 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	23	227	EP		2056	8.385	-0.10							1.0
TIR	HN	23	227	ES		2056	2.675	0.43							1.0
TIR	HZ	23	227	IAML		2056	5.949			111	0.4				
LACI	HZ	33	300	EP		2056	0.115	-0.00							1.0
LACI	HN	33	300	ES		2056	5.630	0.43							1.0
LACI	HZ	33	300	IAML		2056	0.682			196	0.5				
PHP	HZ	38	55	EP		2056	1.136	0.16							1.0
PHP	HN	38	55	ES		2056	6.899	0.15							1.0
PHP	HZ	38	55	IAML		2056	8.416			385	0.4				
PUK	HZ	63	347	EP		2056	5.172	0.05							1.0
PUK	HN	63	347	ES		2056	4.357	0.09							1.0
PUK	HZ	63	347	IAML		2056	9.986			68	0.9				
SDA	HZ	78	323	EP		2056	5.566	-1.98							1.0
SDA	HN	78	323	ES		2056	8.743	0.09							1.0
SDA	HZ	78	323	IAML		2057	7.730			19	0.5				
BERA	HZ	88	186	EP		2056	8.464	-0.75							1.0
BERA	HN	88	186	ES		2057	1.856	0.20							1.0
BERA	HZ	88	186	IAML		2057	3.400			66	0.3				
BPA2	HZ	92	204	EP		2056	0.182	0.25							1.0
BCI	HZ	97	0	EP		2056	0.788	-0.03							1.0
BCI	HE	97	0	ES		2057	4.942	0.37							1.0
BCI	HZ	97	0	IAML		2057	1.265			37	0.6				
KBN	HZ	114	147	EP		2056	3.706	0.14							1.0
KBN	HN	114	147	ES		2057	9.360	-0.17							1.0
KBN	HZ	114	147	IAML		2057	0.036			23	0.4				
PDG	HZ	124	328	EP		2056	4.736	-0.46							1.0
PDG	HN	124	328	ES		2057	2.695	0.20							1.0
PDG	HZ	124	328	IAML		2057	6.611			27	0.8				
NEST	HZ	145	145	EP		2056	8.740	-0.10							1.0
NEST	HE	145	145	ES		2057	9.101	0.02							1.0
NEST	HZ	145	145	IAML		2057	4.811			34	0.9				
LSK	HZ	155	163	EP		2057	0.326	-0.19							1.0
LSK	HN	155	163	ES		2057	2.281	0.16							1.0
LSK	HZ	155	163	IAML		2057	5.017			42	0.2				
SRN	HZ	179	182	EP		2057	3.808	-0.03							0.9
SRN	HN	179	182	ES		2057	8.129	0.00							0.9
KZN	HZ	195	132	EP		2057	5.987	-0.00							0.9
KZN	HN	195	132	ES		2057	1.693	-0.33							0.9
SJES	BZ	197	358	EP		2057	6.183	-0.13							0.9
SJES	BE	197	358	ES		2057	2.967	0.35							0.9

SJES	BZ	197	358	IAML	2057	8.604			120	0.6				
KEK	HZ	199	187	EP	2057	6.569	0.17							0.9
KEK	HN	199	187	ES	2057	3.023	0.26							0.9
KEK	HZ	199	187	IAML	2057	4.368			95	1.4				
BARS	BZ	207	44	EP	2057	7.455	0.02							0.9
BARS	BN	207	44	ES	2057	4.989	0.34							0.9
SCTE	HZ	207	221	EP	2057	8.787	1.30							0.9
SCTE	HN	207	221	ES	2057	3.917	-0.83							0.9
JAN	HZ	214	162	EP	2057	8.702	0.27							0.9
JAN	HN	214	162	ES	2057	6.400	-0.04							0.9
BOSS	SZ	228	60	EP	2057	0.325	0.09							0.9
BOSS	SN	228	60	ES	2057	9.375	-0.33							0.9
THL	HZ	270	142	EP	2057	5.679	0.13							0.9
THL	HN	270	142	ES	2057	9.367	0.03							0.9
PLG	HZ	310	112	EP	2057	0.750	-0.03							0.8

January 16 2023 Hour: 21:16 59.0 Lat: 37.76N Lon: 20.19E D: 17.6 Ag: TIR Local
Magnitudes: 3.2ML TIR 4.4MW TIR Rms: 0.7 secs
211 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	58	37	EP		2117	9.270	-0.26							1.0
VLS	HE	58	37	ES		2117	8.000	-0.02							1.0
LKD2	HZ	121	19	EP		2117	9.618	-0.39							1.0
LKD2	HN	121	19	ES		2117	7.316	0.32							1.0
ITM	HZ	166	112	EP		2117	6.876	-0.03							0.9
JAN	HZ	218	15	EP		2117	3.897	0.30							0.9
KEK	HZ	220	351	EP		2117	4.589	0.84							0.9
KEK	HN	220	351	ES		2118	2.217	0.35							0.9
KEK	HZ	220	351	IAML		2118	2.586		203	0.7					
SRN	HZ	236	356	EP		2117	6.206	0.39							0.9
SRN	HN	236	356	ES		2118	4.344	-1.27							0.9
SRN	HZ	236	356	IAML		2118	7.049		55	0.5					
THL	HZ	255	38	EP		2117	9.226	0.91							0.9
LSK	HZ	268	7	EP		2117	0.834	0.84							0.9
LSK	HZ	268	7	IAML		2118	4.796		99	0.7					
SCTE	HZ	297	330	EP		2117	4.398	0.71							0.8
NEST	HZ	304	14	EP		2117	5.974	1.32							0.8
NEST	HZ	304	14	IAML		2118	6.691		38	0.9					
KZN	HZ	314	25	EP		2117	6.170	0.25							0.8
KBN	HZ	322	9	EP		2117	7.095	0.14							0.8
KBN	HE	322	9	ES		2118	6.137	0.38							0.8
KBN	HZ	322	9	IAML		2118	4.039		31	1.0					
BERA	HZ	327	356	EP		2117	7.320	-0.23							0.8
BERA	HZ	327	356	IAML		2118	7.375		43	0.9					
THE	HZ	399	36	EP		2117	6.368	-0.31							0.7
PLG	HZ	404	43	EP		2117	6.146	-1.28							0.7
LACI	HZ	432	355	EP		2118	0.260	-0.75							0.7
LACI	HZ	432	355	IAML		2118	9.464		15	0.3					
PHP	HZ	436	3	EP		2118	0.945	-0.64							0.7
PHP	HZ	436	3	IAML		2118	4.931		17	0.5					
PUK	HZ	476	357	EP		2118	5.991	-0.75							0.7
PUK	HZ	476	357	IAML		2119	6.355		10	0.5					
SDA	HZ	480	353	EP		2118	5.348	-1.77							0.7
MRVN	HZ	503	318	EP		2118	9.811	-0.29							0.6
NVR	HZ	508	37	EP		2118	0.140	-0.61							0.6
SGRT	HZ	585	321	EP		2118	0.024	-0.26							0.6

January 17 2023 Hour: 1: 6 24.4 Lat: 41.49N Lon: 20.06E D: 5.0F Ag: TIR Local
Magnitudes: 3.0ML TIR 3.6MW TIR Rms: 0.7 secs
2 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	23	225	EP		0106	8.657	0.04							1.0
TIR	HN	23	225	ES		0106	2.357	0.30							1.0
TIR	HZ	23	225	IAML		0106	6.467		401	0.2					

LACI	HZ	33	299	EP	0106	0.627	0.34								1.0
LACI	HN	33	299	ES	0106	5.574	0.50								1.0
LACI	HZ	33	299	IAML	0106	0.217			704	0.5					
PHP	HZ	38	56	EP	0106	1.503	0.26								1.0
PHP	HN	38	56	ES	0106	7.261	0.46								1.0
PHP	HZ	38	56	IAML	0106	8.918			2680	0.4					
PUK	HZ	62	347	EP	0106	5.791	0.21								1.0
PUK	HN	62	347	ES	0106	5.120	0.47								1.0
PUK	HZ	62	347	IAML	0106	0.543			359	0.3					
SDA	HZ	77	323	EP	0106	6.207	-2.01								1.0
SDA	HN	77	323	ES	0106	9.402	-0.03								1.0
SDA	HZ	77	323	IAML	0106	2.223			57	0.4					
BERA	HZ	89	186	EP	0106	9.077	-1.13								1.0
BERA	HN	89	186	ES	0106	2.965	-0.06								1.0
BERA	HZ	89	186	IAML	0106	4.590			148	0.2					
BCI	HZ	97	0	EP	0106	1.310	-0.33								1.0
BCI	HN	97	0	ES	0106	5.770	0.15								1.0
BCI	HZ	97	0	IAML	0107	0.469			223	0.3					
KBN	HZ	114	148	EP	0106	3.670	-0.91								1.0
KBN	HN	114	148	ES	0107	0.486	-0.46								1.0
KBN	HZ	114	148	IAML	0107	3.073			186	1.1					
PDG	HZ	123	328	EP	0106	5.475	-0.54								1.0
PDG	HN	123	328	ES	0107	4.205	0.67								1.0
PDG	HZ	123	328	IAML	0107	7.733			215	0.6					
VLO	HZ	124	203	EP	0106	6.250	0.19								1.0
VLO	HZ	124	203	IAML	0107	4.716			110	0.7					
NEST	HZ	146	145	EP	0106	9.550	-0.31								1.0
NEST	HN	146	145	ES	0107	0.876	0.38								1.0
NEST	HZ	146	145	IAML	0107	5.391			166	0.6					
LSK	HZ	156	163	EP	0106	1.830	0.28								1.0
LSK	HN	156	163	ES	0107	4.635	1.09								1.0
LSK	HZ	156	163	IAML	0107	1.400			241	0.6					
SRN	HZ	179	182	EP	0106	4.952	-0.41								0.9
SRN	HN	179	182	ES	0107	1.527	1.08								0.9
SRN	HZ	179	182	IAML	0107	5.740			47	0.4					

January 17 2023 Hour: 9:35 16.4 Lat: 41.51N Lon: 19.61E D: 16.9 Ag: TIR Local
Magnitudes: 2.5ML TIR Rms: 0.5 secs
13 km N of Vore

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LACI	HZ	17	32	EP		0935	0.642	0.12							1.0
LACI	HE	17	32	ES		0935	3.587	-0.28							1.0
LACI	HZ	17	32	IAML		0935	4.104			1355	0.3				
TIR	HZ	28	131	EP		0935	2.523	0.45							1.0
TIR	HN	28	131	ES		0935	6.831	0.16							1.0
TIR	HZ	28	131	IAML		0935	8.173			277	0.2				
PUK	HZ	64	21	EP		0935	7.543	-0.29							1.0
PUK	HN	64	21	ES		0935	7.166	0.07							1.0
PUK	HZ	64	21	IAML		0935	0.560			111	0.2				
PHP	HZ	72	74	EP		0935	9.124	-0.04							1.0
PHP	HN	72	74	ES		0935	9.694	0.19							1.0
PHP	HZ	72	74	IAML		0935	4.389			81	0.5				
BERA	HZ	94	162	EP		0935	2.432	-0.39							1.0
BERA	HN	94	162	ES		0935	6.213	0.08							1.0
BERA	HZ	94	162	IAML		0935	9.781			149	0.4				
BCI	HZ	102	21	EP		0935	3.246	-0.98							1.0
BCI	HN	102	21	ES		0935	8.475	-0.19							1.0
BCI	HZ	102	21	IAML		0935	5.543			74	0.4				
PDG	HZ	106	344	EP		0935	4.900	0.06							1.0
PDG	HE	106	344	ES		0935	0.274	0.50							1.0
PDG	HZ	106	344	IAML		0935	3.085			35	0.5				
VLO	HZ	116	185	EP		0935	6.164	-0.32							1.0
LSK	HZ	172	151	EP		0935	5.728	0.51							0.9
LSK	HN	172	151	ES		0936	8.132	-0.44							0.9

LSK	HZ	172	151	IAML	0936	5.118			39	1.3					
NEST	HZ	172	135	EP	0935	6.045	0.93								0.9
NEST	HN	172	135	ES	0936	8.251	-0.13								0.9
NEST	HZ	172	135	IAML	0936	2.951			20	0.5					
SRN	HZ	184	170	EP	0935	5.995	-0.59								0.9
SJES	BZ	197	9	EP	0935	9.605	1.23								0.9
SJES	BE	197	9	ES	0936	3.712	-0.56								0.9
KEK	HZ	200	175	EP	0935	8.655	-0.04								0.9
BARS	BZ	233	51	EP	0935	3.235	0.35								0.9
BOSS	SZ	260	64	EP	0935	6.145	-0.30								0.9

January 17 2023 Hour: 11:45 56.7 Lat: 41.48N Lon: 20.06E D: 3.9 Ag: TIR Local
Magnitudes: 2.4ML TIR 2.9MW TIR Rms: 0.6 secs
4 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	21	228	EP		1146	1.267	0.64							1.0
TIR	HN	21	228	ES		1146	4.333	0.56							1.0
TIR	HZ	21	228	IAML		1146	6.150			106	0.2				
LACI	HZ	33	302	EP		1146	3.243	0.53							1.0
LACI	HE	33	302	ES		1146	7.937	0.38							1.0
LACI	HZ	33	302	IAML		1146	4.057			216	0.4				
PHP	HZ	40	54	EP		1146	4.115	0.25							1.0
PHP	HN	40	54	ES		1146	9.813	0.18							1.0
PHP	HZ	40	54	IAML		1146	2.487			364	0.3				
PUK	HZ	64	348	EP		1146	8.850	0.60							1.0
PUK	HN	64	348	ES		1146	7.884	0.31							1.0
PUK	HZ	64	348	IAML		1146	3.042			109	0.3				
SDA	HZ	79	324	EP		1146	8.943	-1.85							1.0
SDA	HE	79	324	ES		1146	0.884	-1.30							1.0
SDA	HZ	79	324	IAML		1146	5.700			14	0.2				
BERA	HZ	86	186	EP		1146	1.587	-0.60							1.0
BERA	HE	86	186	ES		1146	4.165	-0.53							1.0
BERA	HZ	86	186	IAML		1146	6.699			41	0.1				
BCI	HZ	99	1	EP		1146	4.617	0.21							1.0
BCI	HN	99	1	ES		1146	8.670	-0.05							1.0
BCI	HZ	99	1	IAML		1146	4.957			50	0.6				
KBN	HZ	113	147	EP		1146	7.250	0.47							1.0
KBN	HN	113	147	ES		1146	2.892	-0.13							1.0
KBN	HZ	113	147	IAML		1146	7.841			23	0.6				
PDG	HZ	125	328	EP		1146	8.235	-0.44							1.0
PDG	HE	125	328	ES		1146	6.687	0.24							1.0
PDG	HZ	125	328	IAML		1146	1.765			38	0.4				
NEST	HZ	145	144	EP		1146	1.790	-0.28							1.0
NEST	HN	145	144	ES		1146	1.257	-1.33							1.0
NEST	HZ	145	144	IAML		1146	4.460			29	0.3				
LSK	HZ	154	163	EP		1146	4.333	0.65							1.0
LSK	HN	154	163	ES		1146	5.859	0.35							1.0
LSK	HZ	154	163	IAML		1146	7.504			47	0.6				
SRN	HZ	177	181	EP		1146	7.507	0.05							0.9
SJES	BZ	198	358	EP		1146	1.175	0.74							0.9
SJES	BN	198	358	ES		1146	7.577	-0.16							0.9
BARS	BZ	208	44	EP		1146	1.304	-0.28							0.9
BOSS	SZ	229	60	EP		1146	4.910	0.55							0.9
THL	HZ	270	141	EP		1146	9.935	0.52							0.9

January 17 2023 Hour: 13:41 25.4 Lat: 41.46N Lon: 20.05E D: 20.8 Ag: TIR Local
Magnitudes: 2.0ML TIR Rms: 0.7 secs
5 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	20	229	EP		1341	0.193	-0.20							1.0
TIR	HN	20	229	ES		1341	4.923	0.48							1.0
TIR	HZ	20	229	IAML		1341	8.529			66	0.8				
LACI	HZ	33	305	EP		1341	2.609	0.42							1.0
LACI	HN	33	305	ES		1341	8.411	0.71							1.0

LACI	HZ	33	305	IAML	1341	1.024			62	0.4					
PHP	HZ	41	53	EP	1341	3.363	-0.03								1.0
PHP	HN	41	53	ES	1341	9.614	-0.26								1.0
PHP	HZ	41	53	IAML	1341	1.515			98	0.5					
PUK	HZ	66	349	EP	1341	7.087	-0.19								1.0
PUK	HN	66	349	ES	1341	7.746	0.84								1.0
PUK	HZ	66	349	IAML	1341	0.399			33	0.2					
SDA	HZ	79	325	EP	1341	7.704	-1.76								1.0
SDA	HN	79	325	ES	1341	9.982	-0.89								1.0
SDA	HZ	79	325	IAML	1341	1.969			10	0.4					
BERA	HZ	85	186	EP	1341	0.257	-0.14								1.0
BERA	HN	85	186	ES	1341	2.121	-0.44								1.0
BERA	HZ	85	186	IAML	1341	5.689			17	0.3					
BCI	HZ	100	1	EP	1341	2.450	-0.49								1.0
BCI	HN	100	1	ES	1341	7.659	0.49								1.0
BCI	HZ	100	1	IAML	1342	1.864			24	0.6					
PDG	HZ	125	329	EP	1341	6.697	-0.20								1.0
PDG	HN	125	329	ES	1342	4.986	0.66								1.0
PDG	HZ	125	329	IAML	1342	1.785			16	0.4					
NEST	HZ	144	144	EP	1341	0.789	0.89								1.0
NEST	HN	144	144	ES	1342	9.970	0.22								1.0
NEST	HZ	144	144	IAML	1342	3.657			12	0.4					

January 17 2023 Hour: 14:36 7.9 Lat: 41.46N Lon: 20.02E D: 11.1 Ag: TIR Local
Magnitudes: 2.2ML TIR Rms: 0.6 secs

7 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	18	224	EP		1436	2.219	0.55							1.0
TIR	HN	18	224	ES		1436	4.769	0.02							1.0
TIR	HZ	18	224	IAML		1436	9.356			136	0.5				
LACI	HZ	31	308	EP		1436	3.733	-0.08							1.0
LACI	HE	31	308	ES		1436	8.913	0.29							1.0
LACI	HZ	31	308	IAML		1436	4.762			221	0.4				
PHP	HZ	43	55	EP		1436	5.471	-0.32							1.0
PHP	HN	43	55	ES		1436	1.851	-0.36							1.0
PHP	HZ	43	55	IAML		1436	3.232			328	0.5				
PUK	HZ	65	351	EP		1436	0.028	0.55							1.0
PUK	HN	65	351	ES		1436	9.033	0.16							1.0
PUK	HZ	65	351	IAML		1436	2.274			43	0.2				
SDA	HZ	78	327	EP		1436	0.108	-1.46							1.0
SDA	HN	78	327	ES		1436	1.822	-0.84							1.0
SDA	HZ	78	327	IAML		1436	4.879			12	0.7				
BERA	HZ	85	184	EP		1436	2.501	-0.19							1.0
BERA	HE	85	184	ES		1436	4.948	0.24							1.0
BCI	HZ	100	2	EP		1436	5.367	0.04							1.0
BCI	HE	100	2	ES		1436	0.042	0.57							1.0
BCI	HZ	100	2	IAML		1436	0.757			22	0.4				
KBN	HZ	114	145	EP		1436	7.678	0.12							1.0
PDG	HZ	124	330	EP		1436	9.033	-0.24							1.0
PDG	HE	124	330	ES		1436	6.872	0.26							1.0
PDG	HZ	124	330	IAML		1436	0.719			24	0.6				
NEST	HZ	145	143	EP		1436	3.035	0.17							1.0
NEST	HN	145	143	ES		1436	2.287	-0.83							1.0
NEST	HZ	145	143	IAML		1436	9.666			23	0.3				
BOSS	SZ	233	60	EP		1436	6.704	1.66							0.9

January 17 2023 Hour: 14:38 54.9 Lat: 41.47N Lon: 19.99E D: 11.1 Ag: TIR Local
Magnitudes: 2.1ML TIR Rms: 0.6 secs

9 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	17	219	EP		1438	9.045	0.45							1.0
TIR	HE	17	219	ES		1439	1.943	0.39							1.0
TIR	HZ	17	219	IAML		1439	4.715			107	0.4				
LACI	HZ	30	309	EP		1439	0.795	0.20							1.0

LACI	HN	30	309	ES	1439	5.004	-0.17										1.0
LACI	HZ	30	309	IAML	1439	9.024			71	0.5							
PHP	HZ	45	57	EP	1439	2.584	-0.52										1.0
PHP	HZ	45	57	IAML	1439	9.463			113	0.5							
PHP	HN	45	57	ES	1439	9.463	-0.25										1.0
PUK	HZ	65	353	EP	1439	6.774	0.32										1.0
PUK	HN	65	353	ES	1439	6.490	0.72										1.0
PUK	HZ	65	353	IAML	1439	8.267			38	0.6							
SDA	HZ	77	328	EP	1439	7.096	-1.32										1.0
SDA	HE	77	328	ES	1439	8.960	-0.37										1.0
BERA	HZ	85	182	EP	1439	9.512	-0.30										1.0
BERA	HN	85	182	ES	1439	1.757	-0.10										1.0
BERA	HZ	85	182	IAML	1439	3.565			30	0.2							
BCI	HZ	100	4	EP	1439	2.395	0.03										1.0
BCI	HN	100	4	ES	1439	6.189	-0.28										1.0
BCI	HZ	100	4	IAML	1439	8.389			35	0.4							
KBN	HZ	115	144	EP	1439	5.054	0.18										1.0
PDG	HZ	123	331	EP	1439	5.881	-0.26										1.0
PDG	HN	123	331	ES	1439	3.703	0.39										1.0
PDG	HZ	123	331	IAML	1439	8.668			21	0.4							
NEST	HZ	147	142	EP	1439	0.140	-0.05										1.0
NEST	HE	147	142	ES	1439	0.190	-0.44										1.0
NEST	HZ	147	142	IAML	1439	3.390			16	0.5							
BOSS	SZ	234	60	EP	1439	4.048	1.74										0.9

January 17 2023 Hour: 15:25 0.5 Lat: 41.64N Lon: 20.36E D: 11.7 Ag: TIR Local
Magnitudes: 2.8ML TIR 3.4MW TIR Rms: 0.7 secs
7 km SW of Peshkopi

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	9	55	EP		1525	2.795	-0.34							1.0
PHP	HE	9	55	ES		1525	5.694	0.39							1.0
PHP	HZ	9	55	IAML		1525	5.918		4284	0.4					
TIR	HZ	52	232	EP		1525	8.531	-1.39							1.0
TIR	HN	52	232	ES		1525	7.473	-0.11							1.0
TIR	HZ	52	232	IAML		1525	0.513		254	0.5					
LACI	HZ	53	270	EP		1525	0.030	-0.02							1.0
LACI	HN	53	270	ES		1525	9.608	1.80							1.0
LACI	HZ	53	270	IAML		1525	1.910		352	0.6					
BCI	HZ	84	344	EP		1525	5.357	0.14							1.0
BCI	HN	84	344	ES		1525	7.622	0.46							1.0
BCI	HZ	84	344	IAML		1525	7.447		150	0.8					
SDA	HZ	84	303	EP		1525	4.302	-0.94							1.0
SDA	HN	84	303	ES		1525	6.344	-0.86							1.0
SDA	HZ	84	303	IAML		1525	1.158		31	0.3					
KBN	HZ	119	162	EP		1525	1.077	0.08							1.0
KBN	HZ	119	162	IAML		1525	0.386		44	0.6					
PDG	HZ	126	314	EP		1525	2.236	0.05							1.0
PDG	HZ	126	314	IAML		1525	5.585		87	0.6					
LSK	HZ	167	173	EP		1525	9.324	0.28							0.9
LSK	HZ	167	173	IAML		1525	8.113		79	0.9					
SRN	HZ	198	189	EP		1525	3.567	0.58							0.9
SRN	HZ	198	189	IAML		1526	1.881		96	2.4					

January 17 2023 Hour: 22:50 14.9 Lat: 41.46N Lon: 19.99E D: 10.1 Ag: TIR Local
Magnitudes: 2.1ML TIR Rms: 0.6 secs
9 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	17	219	EP		2250	9.031	0.60							1.0
TIR	HN	17	219	ES		2250	1.400	0.14							1.0
TIR	HZ	17	219	IAML		2250	7.507		123	0.5					
LACI	HZ	30	310	EP		2250	0.663	0.10							1.0
LACI	HN	30	310	ES		2250	5.282	0.17							1.0
LACI	HZ	30	310	IAML		2250	8.541		89	0.3					
PHP	HZ	45	57	EP		2250	2.716	-0.48							1.0

PHP	HN	45	57	ES	2250	9.664	-0.21								1.0
PHP	HZ	45	57	IAML	2250	1.225		158	0.3						
PUK	HZ	65	353	EP	2250	6.718	0.14								1.0
PUK	HN	65	353	ES	2250	6.846	0.85								1.0
PUK	HZ	65	353	IAML	2250	0.126		29	0.3						
SDA	HZ	77	328	EP	2250	7.139	-1.38								1.0
SDA	HN	77	328	ES	2250	8.260	-1.26								1.0
BERA	HZ	85	182	EP	2250	9.429	-0.38								1.0
BERA	HE	85	182	ES	2250	1.830	-0.02								1.0
BERA	HZ	85	182	IAML	2250	2.895		25	0.3						
BCI	HZ	101	4	EP	2250	2.550	0.05								1.0
BCI	HN	101	4	ES	2250	6.660	-0.05								1.0
BCI	HZ	101	4	IAML	2250	7.009		31	0.4						
KBN	HZ	115	144	EP	2250	5.562	0.66								1.0
KBN	HN	115	144	ES	2250	1.192	0.13								1.0
KBN	HZ	115	144	IAML	2251	2.066		20	1.2						
PDG	HZ	123	331	EP	2250	5.813	-0.43								1.0
PDG	HN	123	331	ES	2250	3.903	0.41								1.0
PDG	HZ	123	331	IAML	2250	8.328		28	0.6						
NEST	HZ	147	142	EP	2250	9.822	-0.40								1.0
NEST	HN	147	142	ES	2250	9.969	-0.73								1.0
NEST	HZ	147	142	IAML	2251	6.294		13	0.5						
LSK	HZ	155	160	EP	2250	1.492	-0.05								1.0
SRN	HZ	176	180	EP	2250	4.909	0.07								0.9
SRN	HN	176	180	ES	2251	9.407	0.36								0.9
KZN	HZ	198	130	EP	2250	7.219	-0.51								0.9
KZN	HN	198	130	ES	2251	4.065	-0.21								0.9
SJES	BZ	200	360	EP	2250	9.445	1.39								0.9
SJES	BN	200	360	ES	2251	4.666	-0.20								0.9
SJES	BZ	200	360	IAML	2251	9.136		66	0.7						
BOSS	SZ	235	60	EP	2250	4.158	1.67								0.9

January 18 2023 Hour: 5:38 35.9 Lat: 41.48N Lon: 20.06E D: 11.9 Ag: TIR Local
Magnitudes: 3.0ML TIR 3.3MW TIR Rms: 0.7 secs
3 km S of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	22	228	EP		0538	0.512	0.17							1.0
TIR	HE	22	228	ES		0538	4.153	0.22							1.0
TIR	HZ	22	228	IAML		0538	7.972		456	0.3					
LACI	HZ	33	301	EP		0538	2.409	0.24							1.0
LACI	HN	33	301	ES		0538	7.620	0.37							1.0
LACI	HZ	33	301	IAML		0538	2.922		714	0.4					
PHP	HZ	39	54	EP		0538	3.180	0.02							1.0
PHP	HN	39	54	ES		0538	8.655	-0.40							1.0
PHP	HZ	39	54	IAML		0538	0.277		905	0.5					
PUK	HZ	64	348	EP		0538	7.484	0.17							1.0
PUK	HN	64	348	ES		0538	6.701	0.13							1.0
PUK	HZ	64	348	IAML		0539	0.714		188	0.5					
BERA	HZ	87	186	EP		0538	0.649	-0.43							1.0
BERA	HN	87	186	ES		0539	2.909	-0.48							1.0
BERA	HZ	87	186	IAML		0539	4.562		141	0.1					
BPA2	HZ	91	204	EP		0538	1.278	-0.51							1.0
BCI	HZ	98	0	EP		0538	3.080	0.04							1.0
BCI	HN	98	0	ES		0539	7.092	0.17							1.0
BCI	HZ	98	0	IAML		0539	5.804		110	0.4					
KBN	HZ	113	147	EP		0538	5.480	-0.03							1.0
KBN	HN	113	147	ES		0539	1.391	-0.00							1.0
KBN	HZ	113	147	IAML		0539	4.533		84	1.1					
VLO	HZ	122	203	EP		0538	6.997	0.07							1.0
VLO	HN	122	203	ES		0539	4.437	0.47							1.0
VLO	HZ	122	203	IAML		0539	9.989		154	0.4					
PDG	HZ	124	328	EP		0538	6.795	-0.55							1.0
PDG	HN	124	328	ES		0539	5.170	0.44							1.0
PDG	HZ	124	328	IAML		0539	9.274		122	0.7					

NEST	HZ	145	145	EP	0539	0.621-0.17									1.0
NEST	HN	145	145	ES	0539	0.643-0.31									1.0
NEST	HZ	145	145	IAML	0539	0.766		94	0.8						
LSK	HZ	155	163	EP	0539	2.756 0.33									1.0
LSK	HE	155	163	ES	0539	3.802-0.12									1.0
LSK	HZ	155	163	IAML	0539	7.090		105	0.7						
SRN	HZ	178	182	EP	0539	5.718-0.11									0.9
SRN	HN	178	182	ES	0539	9.157-0.92									0.9
SRN	HZ	178	182	IAML	0539	8.066		39	0.3						
KZN	HZ	194	132	EP	0539	8.656 0.59									0.9
KZN	HN	194	132	ES	0539	4.287 0.16									0.9
KEK	HZ	197	186	EP	0539	8.306-0.08									0.9
KEK	HN	197	186	ES	0539	5.625 0.92									0.9
SJES	BZ	198	358	EP	0539	8.711 0.15									0.9
SJES	BN	198	358	ES	0539	5.773 0.74									0.9
SJES	BZ	198	358	IAML	0539	8.613		407	0.7						
SCTE	HZ	206	221	EP	0539	0.154 0.67									0.9
SCTE	HE	206	221	ES	0539	7.021 0.33									0.9
BARS	BZ	208	44	EP	0539	0.033 0.34									0.9
BARS	BE	208	44	ES	0539	6.983-0.09									0.9
JAN	HZ	213	161	EP	0539	1.179 0.73									0.9
JAN	HE	213	161	ES	0539	8.938 0.50									0.9
BOSS	SZ	229	60	EP	0539	2.488 0.02									0.9
BOSS	SN	229	60	ES	0539	1.054-1.04									0.9
NOCI	HZ	263	254	EP	0539	7.374 0.58									0.9
THL	HZ	270	141	EP	0539	8.489 0.88									0.9
THL	HN	270	141	ES	0539	1.912 0.51									0.9
MRVN	HZ	327	263	EP	0539	2.504-2.53									0.8
SGRT	HZ	361	276	EP	0539	5.997-3.43									0.8

January 18 2023 Hour: 7:45 7.8 Lat: 38.85N Lon: 21.17E D: 9.0 Ag: TIR Local
Magnitudes: 2.9ML 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
VLS	HZ	90	215	EP		0745	3.114-0.55								1.0
VLS	HN	90	215	ES		0745	6.242-0.24								1.0
JAN	HZ	94	343	EP		0745	4.682 0.26								1.0
JAN	HE	94	343	ES		0745	7.845-0.01								1.0
THL	HZ	108	42	EP		0745	6.220-0.45								1.0
THL	HN	108	42	ES		0745	2.133 0.19								1.0
LSK	HZ	153	341	EP		0745	5.064 0.83								1.0
LSK	HZ	153	341	IAML		0746	8.554			118	0.6				
KEK	HZ	153	310	EP		0745	4.336 0.19								1.0
KEK	HN	153	310	ES		0745	5.620 0.15								1.0
KEK	HZ	153	310	IAML		0745	6.832			111	0.6				
SRN	HZ	153	319	EP		0745	4.488 0.32								1.0
SRN	HN	153	319	ES		0745	4.974-0.53								1.0
SRN	HZ	153	319	IAML		0746	4.792			71	0.7				
KZN	HZ	170	17	EP		0745	6.689-0.41								0.9
KZN	HE	170	17	ES		0746	0.219-0.58								0.9
ITM	HZ	196	160	EP		0745	1.245 0.72								0.9
KBN	HZ	200	351	EP		0745	1.428 0.35								0.9
KBN	HZ	200	351	IAML		0746	5.785			40	0.8				
BERA	HZ	231	333	EP		0745	4.859-0.12								0.9
BERA	HZ	231	333	IAML		0746	0.477			32	0.5				

January 18 2023 Hour: 13:1 35.1 Lat: 41.65N Lon: 19.47E D: 9.9 Ag: TIR Local
Magnitudes: 2.3ML TIR Rms: 0.5 secs
20 km W of Lac

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LACI	HZ	21	95	EP		1301	9.525 0.38								1.0
LACI	HN	21	95	ES		1301	2.831 0.37								1.0
LACI	HZ	21	95	IAML		1301	3.234			318	0.2				
SDA	HZ	44	3	EP		1301	1.679-1.44								0.5

SDA	HE	44	3	ES	1301	9.279	-0.37										1.0
SDA	HZ	44	3	IAML	1301	0.460			28	0.2							
PUK	HZ	56	39	EP	1301	5.316	0.17										1.0
PUK	HE	56	39	ES	1301	4.211	0.88										1.0
PUK	HZ	56	39	IAML	1301	7.773			37	0.2							
PHP	HZ	81	87	EP	1301	8.858	-0.48										1.0
PHP	HE	81	87	ES	1302	0.698	-0.22										1.0
PHP	HZ	81	87	IAML	1302	3.217			40	0.2							
PDG	HZ	88	349	EP	1301	0.827	0.35										1.0
PDG	HN	88	349	ES	1302	3.500	0.52										1.0
PDG	HZ	88	349	IAML	1302	5.853			43	0.4							
BCI	HZ	93	32	EP	1301	0.869	-0.54										1.0
BCI	HE	93	32	ES	1302	3.918	-0.75										1.0
BCI	HZ	93	32	IAML	1302	0.045			35	0.6							
BERA	HZ	113	159	EP	1301	4.391	-0.27										1.0
BERA	HE	113	159	ES	1302	0.448	-0.10										1.0
BERA	HZ	113	159	IAML	1302	1.968			44	0.3							
NEST	HZ	191	136	EP	1302	7.555	0.50										0.9
NEST	HZ	191	136	IAML	1302	6.207			16	0.4							

January 18 2023 Hour: 13:58 0.5 Lat: 38.29N Lon: 20.70E D: 3.4 Ag: TIR Local
Magnitudes: 2.8ML TIR Rms: 0.3 secs

158 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
VLS	HZ	16	217	EP		1358	3.543	0.13							1.0	
VLS	HE	16	217	ES		1358	5.973	0.21							1.0	
LKD2	HZ	55	356	EP		1358	0.448	0.02							1.0	
LKD2	HE	55	356	ES		1358	8.227	-0.24							1.0	
ITM	HZ	164	138	EP		1358	9.353	0.28							0.9	
ITM	HE	164	138	ES		1358	1.649	-0.57							0.9	
KEK	HZ	176	334	EP		1358	0.676	-0.40							0.9	
KEK	HZ	176	334	IAML		1358	6.439		75	0.9						
THL	HZ	182	38	EP		1358	1.894	-0.10							0.9	
THL	HN	182	38	ES		1358	8.187	0.69							0.9	
SRN	HZ	187	341	EP		1358	2.462	-0.14							0.9	
SRN	HZ	187	341	IAML		1359	4.136		23	0.5						
NEST	HZ	238	7	EP		1358	9.445	0.14							0.9	

January 18 2023 Hour: 21:34 25.8 Lat: 41.46N Lon: 20.05E D: 11.1 Ag: TIR Local
Magnitudes: 2.1ML TIR 2.6MW TIR Rms: 0.6 secs

5 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
TIR	HZ	20	230	EP		2134	0.240	0.30							1.0	
TIR	HN	20	230	ES		2134	3.613	0.34							1.0	
TIR	HZ	20	230	IAML		2134	9.245		89	0.5						
LACI	HZ	34	305	EP		2134	2.476	0.32							1.0	
LACI	HE	34	305	ES		2134	7.837	0.56							1.0	
LACI	HZ	34	305	IAML		2134	1.470		123	0.8						
PHP	HZ	41	53	EP		2134	3.002	-0.37							1.0	
PHP	HN	41	53	ES		2134	9.532	0.05							1.0	
PHP	HZ	41	53	IAML		2134	1.326		197	0.7						
PUK	HZ	66	349	EP		2134	7.523	-0.00							1.0	
PUK	HN	66	349	ES		2134	7.418	0.41							1.0	
PUK	HZ	66	349	IAML		2134	1.905		67	0.4						
SDA	HZ	80	325	EP		2134	8.092	-1.70							1.0	
SDA	HN	80	325	ES		2134	9.860	-1.25							1.0	
SDA	HZ	80	325	IAML		2134	1.470		14	1.7						
BERA	HZ	85	186	EP		2134	0.346	-0.34							1.0	
BERA	HN	85	186	ES		2134	2.552	-0.17							1.0	
BCI	HZ	100	1	EP		2134	3.478	0.20							1.0	
BCI	HE	100	1	ES		2134	8.075	0.66							1.0	
BCI	HZ	100	1	IAML		2134	8.901		26	0.2						
PDG	HZ	126	329	EP		2134	7.113	-0.37							1.0	
PDG	HN	126	329	ES		2135	5.321	0.30							1.0	

PDG	HZ	126	329	IAML	2135	9.235			18	0.4				
NEST	HZ	144	144	EP	2134	0.851	0.31							1.0
NEST	HN	144	144	ES	2135	0.049	-0.50							1.0
SRN	HZ	176	181	EP	2134	6.101	0.50							0.9
KZN	HZ	194	131	EP	2134	8.548	0.55							0.9
SJES	BZ	200	358	EP	2134	8.782	-0.04							0.9
SJES	BE	200	358	ES	2135	5.975	0.43							0.9

January 18 2023 Hour: 22:29 10.1 Lat: 41.49N Lon: 20.06E D: 10.6 Ag: TIR Local
Magnitudes: 3.0ML TIR Rms: 0.7 secs
3 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	22	226	EP		2229	4.033	-0.46							1.0
TIR	HN	22	226	ES		2229	7.696	-0.38							1.0
TIR	HZ	22	226	IAML		2229	1.092			606	0.6				
LACI	HZ	33	301	EP		2229	6.522	0.27							1.0
LACI	HN	33	301	ES		2229	1.778	0.51							1.0
LACI	HZ	33	301	IAML		2229	9.154			669	0.5				
PHP	HZ	39	55	EP		2229	7.202	-0.08							1.0
PHP	HE	39	55	ES		2229	3.087	-0.04							1.0
PHP	HZ	39	55	IAML		2229	5.607			1598	0.7				
PUK	HZ	63	348	EP		2229	1.594	0.18							1.0
PUK	HE	63	348	ES		2229	1.506	0.90							1.0
PUK	HZ	63	348	IAML		2229	6.116			401	0.7				
SDA	HZ	78	324	EP		2229	2.081	-1.71							1.0
SDA	HN	78	324	ES		2229	4.288	-0.63							1.0
SDA	HZ	78	324	IAML		2229	1.308			53	0.5				
BERA	HZ	88	186	EP		2229	4.580	-0.80							1.0
BERA	HE	88	186	ES		2229	7.347	-0.44							1.0
BERA	HZ	88	186	IAML		2229	3.547			200	0.5				
BPA2	HZ	92	204	EP		2229	6.258	0.17							1.0
BCI	HZ	98	0	EP		2229	7.270	0.13							1.0
BCI	HE	98	0	ES		2229	0.518	-0.44							1.0
BCI	HZ	98	0	IAML		2229	8.124			261	0.5				
KBN	HZ	114	147	EP		2229	9.669	-0.13							1.0
KBN	HE	114	147	ES		2229	5.888	0.10							1.0
KBN	HZ	114	147	IAML		2229	7.832			123	1.6				
VLO	HZ	122	203	EP		2229	2.410	1.19							1.0
PDG	HZ	124	328	EP		2229	0.811	-0.65							1.0
PDG	HE	124	328	ES		2229	9.380	0.60							1.0
PDG	HZ	124	328	IAML		2229	5.555			186	0.3				
NEST	HZ	145	145	EP		2229	4.963	-0.12							1.0
NEST	HN	145	145	ES		2229	4.707	-0.64							1.0
NEST	HZ	145	145	IAML		2230	5.598			139	0.7				
LSK	HZ	155	163	EP		2229	7.345	0.61							1.0
LSK	HE	155	163	ES		2229	8.979	0.65							1.0
LSK	HZ	155	163	IAML		2230	0.641			258	0.6				
SRN	HZ	178	182	EP		2229	0.599	0.38							0.9
SRN	HE	178	182	ES		2230	3.588	-1.06							0.9
SRN	HZ	178	182	IAML		2230	0.076			70	2.2				
KZN	HZ	195	132	EP		2229	2.573	0.13							0.9
SJES	BZ	197	358	EP		2229	4.124	1.32							0.9
SJES	BE	197	358	ES		2230	8.945	-0.37							0.9
KEK	HZ	198	186	EP		2229	3.420	0.64							0.9
BARS	BZ	207	44	EP		2229	3.978	0.02							0.9
JAN	HZ	214	161	EP		2229	6.381	1.54							0.9
BOSS	SZ	229	60	EP		2229	5.534	-1.22							0.9
THL	HZ	270	142	EP		2229	2.164	0.17							0.9
PLG	HZ	311	112	EP		2229	6.395	-0.87							0.8
NVR	HZ	319	91	EP		2229	9.216	0.94							0.8

January 19 2023 Hour: 13:46 43.0 Lat: 39.61N Lon: 20.32E D: 2.1 Ag: TIR Local
 Magnitudes: 3.0ML TIR 3.4MW TIR Rms: 0.4 secs

13 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	41	318	EP		1346	9.994	-0.28							1.0
SRN	HN	41	318	ES		1346	6.391	0.18							1.0
SRN	HZ	41	318	IAML		1346	8.171			655	0.2				
JAN	HZ	46	83	EP		1346	1.048	-0.05							1.0
JAN	HN	46	83	ES		1346	8.308	0.61							1.0
KEK	HZ	47	285	EP		1346	1.193	-0.08							1.0
KEK	HN	47	285	ES		1346	8.624	0.61							1.0
KEK	HZ	47	285	IAML		1347	3.973			2248	0.2				
LSK	HZ	65	21	EP		1346	3.759	-0.73							1.0
LSK	HN	65	21	ES		1347	4.094	0.26							1.0
LSK	HZ	65	21	IAML		1347	3.905			303	0.4				
LKD2	HZ	95	162	EP		1346	9.491	-0.51							1.0
LKD2	HN	95	162	ES		1347	4.457	0.65							1.0
NEST	HZ	109	34	EP		1347	1.929	-0.46							1.0
NEST	HE	109	34	ES		1347	8.384	0.24							1.0
NEST	HZ	109	34	IAML		1347	8.138			188	0.6				
KBN	HZ	119	19	EP		1347	3.419	-0.77							1.0
KBN	HN	119	19	ES		1347	1.668	0.28							1.0
KBN	HZ	119	19	IAML		1347	7.913			61	0.7				
BERA	HZ	126	345	EP		1347	5.445	0.27							1.0
BERA	HN	126	345	ES		1347	3.390	0.22							1.0
BERA	HZ	126	345	IAML		1347	7.090			142	0.5				
THL	HZ	145	91	EP		1347	8.161	-0.29							1.0
THL	HN	145	91	ES		1347	9.348	0.25							1.0
KZN	HZ	146	57	EP		1347	8.307	-0.30							1.0
KZN	HN	146	57	ES		1347	9.506	0.12							1.0
VLS	HZ	161	172	EP		1347	0.621	-0.38							0.9
VLS	HN	161	172	ES		1347	3.844	0.11							0.9

January 19 2023 Hour: 19:39 21.5 Lat: 38.29N Lon: 20.54E D: 7.9 Ag: TIR Local
 Magnitudes: 2.6ML TIR Rms: 0.4 secs

154 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	14	161	EP		1939	3.997	-0.35							1.0
VLS	HN	14	161	ES		1939	6.608	-0.05							1.0
LKD2	HZ	56	11	EP		1939	1.463	-0.13							1.0
LKD2	HE	56	11	ES		1939	9.711	-0.06							1.0
JAN	HZ	154	10	EP		1939	8.106	0.05							1.0
JAN	HN	154	10	ES		1940	9.930	0.37							1.0
KEK	HZ	170	338	EP		1939	1.245	0.46							0.9
KEK	HN	170	338	ES		1940	3.848	-0.65							0.9
SRN	HZ	182	345	EP		1939	2.576	0.10							0.9
SRN	HN	182	345	ES		1940	7.225	-0.34							0.9
SRN	HZ	182	345	IAML		1940	2.349			24	0.7				
THL	HZ	190	42	EP		1939	4.192	0.66							0.9
THL	HN	190	42	ES		1940	8.755	-0.73							0.9
LSK	HZ	206	1	EP		1939	6.269	0.61							0.9
LSK	HN	206	1	ES		1940	3.277	-0.06							0.9
NEST	HZ	240	10	EP		1940	0.154	0.20							0.9
NEST	HZ	240	10	IAML		1940	3.390			13	0.7				
BERA	HZ	272	349	EP		1940	4.081	0.05							0.9
BERA	HZ	272	349	IAML		1940	9.535			18	0.7				

January 20 2023 Hour: 2:58 38.8 Lat: 38.04N Lon: 20.76E D: 8.0 Ag: TIR Local
Magnitudes: 2.6ML TIR Rms: 0.7 secs
186 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	22	316	EP		0258	2.294	-0.61							1.0
VLS	HN	22	316	ES		0258	6.178	-0.06							1.0
LKD2	HZ	84	354	EP		0258	2.868	-0.80							1.0
LKD2	HE	84	354	ES		0259	6.741	1.02							1.0
ITM	HZ	140	133	EP		0259	3.063	-0.03							1.0
ITM	HN	140	133	ES		0259	2.748	-0.04							1.0
JAN	HZ	180	2	EP		0259	0.651	1.15							0.9
JAN	HN	180	2	ES		0259	3.229	-1.15							0.9
THL	HZ	201	32	EP		0259	2.369	0.16							0.9
THL	HN	201	32	ES		0259	8.702	-0.58							0.9
SRN	HZ	215	342	EP		0259	4.144	0.22							0.9
SRN	HN	215	342	ES		0259	2.105	-0.28							0.9
LSK	HZ	235	357	EP		0259	7.827	1.22							0.9
LSK	HZ	235	357	IAML		0300	4.011			9	0.7				
NEST	HZ	265	5	EP		0259	0.506	0.02							0.9
NEST	HN	265	5	ES		0259	4.236	-0.03							0.9
NEST	HZ	265	5	IAML		0300	6.889			26	4.1				

January 20 2023 Hour: 7:39 41.3 Lat: 39.25N Lon: 20.30E D: 15.2 Ag: TIR Local
Magnitudes: 2.4ML TIR Rms: 0.4 secs
46 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	60	149	EP		0739	1.986	-0.07							1.0
LKD2	HN	60	149	ES		0740	1.216	0.45							1.0
KEK	HZ	67	320	EP		0739	3.050	-0.19							1.0
KEK	HE	67	320	ES		0740	3.044	0.13							1.0
KEK	HZ	67	320	IAML		0740	4.134			107	0.2				
SRN	HZ	75	340	EP		0739	4.884	0.42							1.0
SRN	HE	75	340	ES		0740	4.818	-0.31							1.0
SRN	HZ	75	340	IAML		0740	7.779			20	0.2				
LSK	HZ	103	14	EP		0739	9.043	-0.24							1.0
VLS	HZ	122	168	EP		0740	2.474	0.15							1.0
VLS	HN	122	168	ES		0740	8.761	-0.60							1.0
NEST	HZ	144	26	EP		0740	6.156	0.00							1.0
THL	HZ	152	76	EP		0740	6.974	-0.30							1.0
THL	HE	152	76	ES		0740	8.395	0.08							1.0
BERA	HZ	164	350	EP		0740	0.047	0.92							0.9
BERA	HZ	164	350	ES		0740	1.243	-0.43							0.9
BERA	HZ	164	350	IAML		0740	4.731			20	0.5				

January 22 2023 Hour: 7:13 59.5 Lat: 37.80N Lon: 21.07E D: 10.0F Ag: TIR Local
Magnitudes: 2.7ML TIR Rms: 0.8 secs
220 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	60	315	EP		0714	0.460	0.29							1.0
VLS	HN	60	315	ES		0714	8.705	-0.14							1.0
ITM	HZ	102	132	EP		0714	6.574	-0.73							1.0
ITM	HE	102	132	ES		0714	2.051	0.29							1.0
LKD2	HZ	116	342	EP		0714	7.867	-1.69							1.0
LKD2	HN	116	342	ES		0714	4.985	-0.86							1.0
JAN	HZ	207	355	EP		0714	4.091	0.63							0.9
THL	HZ	213	22	EP		0714	3.836	-0.28							0.9
THL	HE	213	22	ES		0715	2.483	0.30							0.9
SRN	HZ	249	339	EP		0714	9.469	0.71							0.9
SRN	HN	249	339	ES		0715	2.087	1.50							0.9
SRN	HZ	249	339	IAML		0715	7.998			19	1.6				
LSK	HZ	264	351	EP		0714	1.809	0.98							0.9
LSK	HZ	264	351	IAML		0715	2.490			17	1.9				
NEST	HZ	291	360	EP		0714	3.980	-0.23							0.8

NEST HZ 291 360 IAML 0715 1.488 7 1.0

January 22 2023 Hour: 17:29 33.3 Lat: 38.69N Lon: 21.36E D: 2.3 Ag: TIR Local
Magnitudes: 2.2ML TIR Rms: 0.2 secs

147 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	62	280	EP		1729	4.788	0.45							1.0
LKD2	HN	62	280	ES		1729	3.186	-0.10							1.0
VLS	HZ	88	230	EP		1729	8.951	-0.10							1.0
VLS	HN	88	230	ES		1730	1.631	-0.19							1.0
THL	HZ	112	30	EP		1729	2.980	-0.27							1.0
ITM	HZ	175	163	EP		1730	4.000	0.19							0.9
NEST	HZ	193	352	EP		1730	6.527	0.06							0.9
NEST	HZ	193	352	IAML		1730	5.556			10	0.9				

January 23 2023 Hour: 1:14 17.6 Lat: 37.67N Lon: 20.64E D: 10.9 Ag: TIR Local
Magnitudes: 2.9ML TIR Rms: 0.8 secs

224 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	57	356	EP		0114	7.112	-0.64							1.0
VLS	HN	57	356	ES		0114	6.157	0.16							1.0
LKD2	HZ	124	1	EP		0114	8.301	-0.75							1.0
LKD2	HN	124	1	ES		0114	7.019	0.57							1.0
ITM	HZ	126	115	EP		0114	9.373	0.06							1.0
ITM	HN	126	115	ES		0114	6.968	0.03							1.0
JAN	HZ	222	5	EP		0114	4.432	1.15							0.9
JAN	HN	222	5	ES		0115	1.602	-0.61							0.9
KEK	HZ	239	342	EP		0114	5.464	0.04							0.9
KEK	HZ	239	342	IAML		0115	9.161			79	1.4				
THL	HZ	242	29	EP		0114	5.236	-0.64							0.9
THL	HN	242	29	ES		0115	6.156	-0.75							0.9
LSK	HZ	276	359	EP		0115	0.333	0.07							0.8
LSK	HN	276	359	ES		0115	5.406	0.56							0.8
LSK	HZ	276	359	IAML		0115	6.729			22	0.9				
TPE	HZ	297	350	EP		0115	2.804	-0.06							0.8
NEST	HZ	307	6	EP		0115	4.174	-0.13							0.8
NEST	HZ	307	6	IAML		0115	9.516			15	1.3				
KZN	HZ	309	18	EP		0115	6.800	2.27							0.8
BERA	HZ	342	350	EP		0115	7.622	-1.07							0.8

January 23 2023 Hour: 16:54 23.2 Lat: 40.12N Lon: 21.44E D: 21.1 Ag: TIR Local
Magnitudes: 2.5ML TIR Rms: 0.4 secs

66 km SE of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KZN	HZ	35	54	EP		1654	1.137	0.79							1.0
KZN	HN	35	54	ES		1654	6.211	0.08							1.0
NEST	HZ	46	315	EP		1654	1.806	-0.27							1.0
NEST	HE	46	315	ES		1654	9.566	0.32							1.0
NEST	HZ	46	315	IAML		1654	1.364			394	0.4				
LSK	HZ	72	273	EP		1654	5.444	-0.66							1.0
LSK	HE	72	273	ES		1654	6.367	-0.17							1.0
LSK	HZ	72	273	IAML		1654	9.330			117	0.7				
JAN	HZ	72	224	EP		1654	5.681	-0.48							1.0
JAN	HE	72	224	ES		1654	6.464	-0.19							1.0
KBN	HZ	78	315	EP		1654	7.034	-0.17							1.0
KBN	HN	78	315	ES		1654	8.575	0.05							1.0
KBN	HZ	78	315	IAML		1654	2.049			47	0.4				
THL	HZ	79	141	EP		1654	6.894	-0.40							1.0
THL	HN	79	141	ES		1654	8.523	-0.18							1.0
TPE	HZ	123	279	EP		1654	4.306	0.03							1.0
TPE	HZ	123	279	IAML		1655	1.797			40	0.6				
SRN	HZ	126	258	EP		1654	5.241	0.50							1.0
SRN	HN	126	258	ES		1655	2.230	0.05							1.0
SRN	HZ	126	258	IAML		1655	6.175			22	0.8				

BERA	HZ	142	297	EP	1654	7.215	-0.07									1.0
BERA	HN	142	297	ES	1655	6.993	0.20									1.0
BERA	HZ	142	297	IAML	1655	0.750			38	0.4						
KEK	HZ	147	253	EP	1654	8.716	0.54									1.0
KEK	HN	147	253	ES	1655	8.436	0.03									1.0
KEK	HZ	147	253	IAML	1655	3.416			66	0.6						
LKD2	HZ	163	205	EP	1654	0.875	0.59									0.9
LKD2	HE	163	205	ES	1655	2.026	-0.18									0.9
PLG	HZ	173	80	EP	1654	1.018	-0.60									0.9
PHP	HZ	193	334	EP	1654	4.477	0.32									0.9
PHP	HN	193	334	ES	1655	8.323	-0.90									0.9
PHP	HZ	193	334	IAML	1655	6.538			18	1.3						
VLS	HZ	228	199	EP	1654	9.619	0.95									0.9

January 23 2023 Hour: 17: 7 42.3 Lat: 40.11N Lon: 21.42E D: 14.6 Ag: TIR Local
Magnitudes: 2.1ML TIR Rms: 0.3 secs
65 km SE of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KZN	HZ	37	54	EP		1707	9.690	0.33							1.0
KZN	HE	37	54	ES		1707	5.329	0.24							1.0
NEST	HZ	46	317	EP		1707	0.763	-0.07							1.0
NEST	HN	46	317	ES		1707	7.757	-0.00							1.0
NEST	HZ	46	317	IAML		1708	0.186			165	0.6				
JAN	HZ	70	224	EP		1707	4.697	0.02							1.0
LSK	HZ	70	274	EP		1707	4.233	-0.50							1.0
LSK	HN	70	274	ES		1708	4.517	-0.31							1.0
LSK	HZ	70	274	IAML		1708	8.262			42	0.8				
KBN	HZ	78	317	EP		1707	5.475	-0.65							1.0
KBN	HN	78	317	ES		1708	7.533	0.20							1.0
KBN	HZ	78	317	IAML		1708	0.977			17	0.3				
THL	HZ	79	140	EP		1707	5.824	-0.37							1.0
THL	HE	79	140	ES		1708	7.199	-0.26							1.0
SRN	HZ	124	259	EP		1708	4.086	0.47							1.0
SRN	HE	124	259	ES		1708	1.028	0.14							1.0
SRN	HZ	124	259	IAML		1708	5.075			9	0.5				
BERA	HZ	141	298	EP		1708	6.643	0.13							1.0
BERA	HN	141	298	ES		1708	6.220	0.08							1.0
BERA	HZ	141	298	IAML		1708	9.768			15	0.6				
KEK	HZ	145	253	EP		1708	7.889	0.67							1.0
KEK	HN	145	253	ES		1708	7.217	-0.20							1.0
KEK	HZ	145	253	IAML		1708	0.921			20	0.7				
LKD2	HZ	160	204	EP		1708	9.773	0.09							0.9
LKD2	HN	160	204	ES		1708	2.175	0.30							0.9
PHP	HZ	193	335	EP		1708	3.787	-0.23							0.9

January 23 2023 Hour: 20:50 19.1 Lat: 40.11N Lon: 21.43E D: 18.4 Ag: TIR Local
Magnitudes: 3.2ML TIR Rms: 0.5 secs
66 km SE of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KZN	HZ	36	53	EP		2050	6.687	0.47							1.0
KZN	HN	36	53	ES		2050	2.743	0.75							1.0
NEST	HZ	47	316	EP		2050	7.684	-0.19							1.0
NEST	HE	47	316	ES		2050	5.365	0.38							1.0
NEST	HZ	47	316	IAML		2050	7.175			2705	0.5				
JAN	HZ	71	225	EP		2050	1.264	-0.46							1.0
JAN	HN	71	225	ES		2050	0.717	-1.25							1.0
LSK	HZ	71	274	EP		2050	1.326	-0.47							1.0
LSK	HE	71	274	ES		2050	1.595	-0.49							1.0
LSK	HZ	71	274	IAML		2050	5.410			588	0.6				
THL	HZ	79	140	EP		2050	2.632	-0.37							1.0
THL	HN	79	140	ES		2050	4.450	0.18							1.0
KBN	HZ	79	316	EP		2050	2.834	-0.24							1.0
KBN	HN	79	316	ES		2050	4.519	0.11							1.0
KBN	HZ	79	316	IAML		2050	5.872			349	1.1				

TPE	HZ	122	280	EP	2050	9.838	-0.38										1.0
TPE	HN	122	280	ES	2050	7.728	0.40										1.0
TPE	HZ	122	280	IAML	2051	3.026			219	0.7							
SRN	HZ	125	259	EP	2050	1.116	0.49										1.0
SRN	HN	125	259	ES	2050	8.578	0.51										1.0
SRN	HZ	125	259	IAML	2051	3.386			122	0.9							
BERA	HZ	142	298	EP	2050	2.891	-0.42										1.0
BERA	HN	142	298	ES	2051	3.508	0.57										1.0
BERA	HZ	142	298	IAML	2051	5.918			161	0.6							
THE	HZ	143	66	EP	2050	3.653	0.21										1.0
THE	HN	143	66	ES	2051	2.906	-0.27										1.0
THE	HZ	143	66	IAML	2051	7.161			44	0.6							
KEK	HZ	146	253	EP	2050	4.732	0.69										1.0
KEK	HE	146	253	ES	2051	4.760	0.51										1.0
KEK	HZ	146	253	IAML	2051	8.713			284	0.7							
LKD2	HZ	161	205	EP	2050	6.914	0.66										0.9
LKD2	HE	161	205	ES	2051	8.469	0.21										0.9
PLG	HZ	174	80	EP	2050	7.484	-0.41										0.9
PHP	HZ	194	335	EP	2050	0.651	0.22										0.9
PHP	HN	194	335	ES	2051	4.729	-1.09										0.9
PHP	HZ	194	335	IAML	2051	1.173			70	1.0							
VLS	HZ	227	199	EP	2050	5.269	0.63										0.9
NVR	HZ	247	55	EP	2050	7.168	-0.16										0.9
BOSS	SZ	279	18	EP	2051	0.672	-0.70										0.8
BARS	BZ	302	6	EP	2051	3.733	-0.59										0.8
PDG	HZ	315	325	EP	2051	6.345	0.40										0.8
PDG	HZ	315	325	IAML	2052	3.678			14	1.1							

January 24 2023 Hour: 9:30 35.7 Lat: 39.12N Lon: 21.32E D: 11.1 Ag: TIR Local
Magnitudes: 2.3ML TIR Rms: 0.2 secs
114 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	68	238	EP		0930	8.067	0.35							1.0
LKD2	HE	68	238	ES		0930	7.487	-0.00							1.0
JAN	HZ	72	326	EP		0930	8.389	-0.01							1.0
JAN	HE	72	326	ES		0930	8.445	-0.27							1.0
VLS	HZ	122	211	EP		0930	6.513	-0.25							1.0
VLS	HN	122	211	ES		0931	3.562	-0.29							1.0
LSK	HZ	130	332	EP		0930	8.382	0.28							1.0
LSK	HN	130	332	ES		0931	6.176	-0.10							1.0
LSK	HZ	130	332	IAML		0931	2.169			30	0.5				
KZN	HZ	137	16	EP		0930	9.351	0.02							1.0
KZN	HN	137	16	ES		0931	8.411	-0.09							1.0
SRN	HZ	141	307	EP		0930	9.765	-0.16							1.0
SRN	HN	141	307	ES		0931	9.170	-0.40							1.0
SRN	HZ	141	307	IAML		0931	1.852			18	0.6				
NEST	HZ	146	351	EP		0931	1.013	0.30							1.0
NEST	HN	146	351	ES		0931	0.747	-0.26							1.0
NEST	HZ	146	351	IAML		0931	8.344			18	0.3				
KEK	HZ	147	297	EP		0931	1.115	0.32							1.0
KEK	HE	147	297	ES		0931	1.497	0.33							1.0
KEK	HZ	147	297	IAML		0931	2.270			48	0.4				
TPE	HZ	172	320	EP		0931	4.853	-0.09							0.9
TPE	HN	172	320	ES		0931	8.984	0.33							0.9

January 24 2023 Hour: 11:40 37.5 Lat: 41.73N Lon: 19.65E D: 16.1 Ag: TIR Local
Magnitudes: 2.1ML TIR Rms: 0.2 secs
6 km S of Lezhe

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	40	30	EP		1140	5.497	0.37							1.0
PUK	HE	40	30	ES		1140	1.263	-0.06							1.0
PUK	HZ	40	30	IAML		1140	3.570			68	0.2				
TIR	HZ	46	157	EP		1140	5.991	0.01							1.0
TIR	HN	46	157	ES		1140	2.983	0.12							1.0

TIR	HZ	46	157	IAML	1140	3.360				38	0.3		
PHP	HZ	66	94	EP	1140	9.205-0.12							1.0
PHP	HN	66	94	ES	1140	8.844-0.07							1.0
PHP	HZ	66	94	IAML	1141	0.195				52	0.1		
BCI	HZ	79	26	EP	1140	1.227-0.19							1.0
BCI	HN	79	26	ES	1141	2.772 0.06							1.0
BCI	HZ	79	26	IAML	1141	3.949				44	0.3		
PDG	HZ	84	338	EP	1140	2.153-0.11							1.0
PDG	HE	84	338	ES	1141	4.043-0.19							1.0
PDG	HZ	84	338	IAML	1141	7.439				13	0.3		
BERA	HE	117	167	ES	1141	4.191 0.17							1.0
BERA	HZ	117	167	IAML	1141	6.055				18	0.3		
NEST	HZ	187	141	EP	1141	8.264-0.07							0.9
NEST	HE	187	141	ES	1141	3.047-0.29							0.9
NEST	HZ	187	141	IAML	1141	8.197				9	0.6		

January 24 2023 Hour: 21: 8 53.4 Lat: 37.85N Lon: 21.27E D: 12.1 Ag: TIR Local
Magnitudes: 2.2ML TIR Rms: 0.4 secs
221 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	70	301	EP		2109	5.858	0.07							1.0
VLS	HN	70	301	ES		2109	5.683-0.14								1.0
ITM	HZ	95	142	EP		2109	9.704-0.19								1.0
ITM	HN	95	142	ES		2109	3.110-0.14								1.0
LKD2	HZ	117	333	EP		2109	4.491 0.86								1.0
LKD2	HN	117	333	ES		2109	9.397-0.62								1.0
THL	HZ	201	19	EP		2109	6.712 0.47								0.9
THL	HN	201	19	ES		2109	2.578-0.27								0.9
THL	HZ	201	19	IAML		2109	6.127			9	0.3				

January 25 2023 Hour: 10:23 28.4 Lat: 39.66N Lon: 20.43E D: 4.0 Ag: TIR Local
Magnitudes: 3.0ML TIR 3.4MW TIR Rms: 0.4 secs
21 km E of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JAN	HZ	36	91	EP		1023	5.272	0.36							1.0
JAN	HE	36	91	ES		1023	1.387	1.23							1.0
SRN	HZ	44	303	EP	D	1023	6.179-0.17								1.0
SRN	HN	44	303	ES		1023	2.940 0.18								1.0
SRN	HZ	44	303	IAML		1023	3.236			606	0.6				
KEK	HZ	55	276	EP	D	1023	8.105-0.11								1.0
KEK	HN	55	276	ES		1023	6.086-0.05								1.0
KEK	HZ	55	276	IAML		1023	2.027			662	0.4				
LSK	HZ	56	15	EP	C	1023	8.204-0.26								1.0
LSK	HN	56	15	ES		1023	6.575-0.01								1.0
LSK	HZ	56	15	IAML		1023	1.190			455	0.8				
TPE	HZ	79	333	EP		1023	2.708	0.20							1.0
TPE	HN	79	333	ES		1023	3.962	0.07							1.0
TPE	HZ	79	333	IAML		1023	4.842			347	0.4				
NEST	HZ	99	32	EP		1023	5.394-0.70								1.0
NEST	HN	99	32	ES		1024	0.040-0.34								1.0
NEST	HZ	99	32	IAML		1024	2.996			132	0.7				
LKD2	HZ	99	169	EP		1023	5.794-0.33								1.0
LKD2	HN	99	169	ES		1024	0.970 0.53								1.0
KBN	HZ	111	16	EP		1023	8.118-0.01								1.0
KBN	HN	111	16	ES		1024	3.792-0.28								1.0
KBN	HZ	111	16	IAML		1024	3.097			66	1.3				
VLO	HZ	120	319	EP		1023	9.988	0.40							1.0
VLO	HN	120	319	ES		1024	6.858	0.14							1.0
VLO	HZ	120	319	IAML		1024	2.354			257	0.4				
BERA	HZ	123	341	EP		1023	0.175	0.15							1.0
BERA	HE	123	341	ES		1024	7.580	0.07							1.0
BERA	HZ	123	341	IAML		1024	9.700			229	0.5				
KZN	HZ	135	58	EP		1023	1.660-0.47								1.0
KZN	HN	135	58	ES		1024	1.385	0.07							1.0

THL	HZ	136	94	EP		1023	2.075	-0.25									1.0
THL	HN	136	94	ES		1024	1.765	0.10									1.0
VLS	HZ	165	175	EP		1023	6.640	-0.56									0.9
VLS	HN	165	175	ES		1024	9.885	-0.61									0.9
TIR	HZ	193	346	EP		1024	1.352	0.03									0.9
TIR	HN	193	346	ES		1024	8.110	0.15									0.9
TIR	HZ	193	346	IAML		1024	3.865			31	0.7						
PHP	HZ	225	0	EP		1024	5.182	-0.22									0.9
PHP	HN	225	0	ES		1024	5.443	0.09									0.9
PHP	HZ	225	0	IAML		1024	6.731			39	1.1						
PUK	HZ	268	350	EP		1024	0.599	-0.43									0.9
PUK	HE	268	350	ES		1024	5.597	0.07									0.9
PUK	HZ	268	350	IAML		1024	8.526			14	0.6						
BCI	HZ	302	354	EP		1024	4.945	-0.35									0.8
BCI	HZ	302	354	IAML		1025	2.304			21	0.8						
ITM	HZ	305	154	EP		1024	5.548	-0.15									0.8
NOCI	HZ	313	295	EP		1024	8.197	1.52									0.8
NOCI	HN	313	295	ES		1024	5.872	0.12									0.8

January 25 2023 Hour: 15: 7 50.3 Lat: 38.25N Lon: 20.35E D: 2.9 Ag: TIR Local
Magnitudes: 2.5ML TIR Rms: 0.3 secs
157 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
VLS	HZ	22	111	EP		1507	4.350	0.06							1.0	
VLS	HN	22	111	ES		1507	7.293	-0.21							1.0	
LKD2	HZ	66	24	EP		1508	1.765	-0.29							1.0	
LKD2	HN	66	24	ES		1508	1.770	0.21							1.0	
KEK	HZ	170	344	EP		1508	0.185	0.34							0.9	
KEK	HN	170	344	ES		1508	3.581	-0.18							0.9	
KEK	HZ	170	344	IAML		1508	9.863			47	1.8					
SRN	HZ	184	350	EP		1508	2.144	0.02							0.9	
SRN	HN	184	350	ES		1508	7.925	0.04							0.9	
SRN	HZ	184	350	IAML		1508	9.125			23	1.5					
THL	HZ	205	44	EP		1508	5.659	0.79							0.9	
THL	HN	205	44	ES		1508	3.027	0.17							0.9	
NEST	HZ	248	14	EP		1508	9.965	-0.51							0.9	
NEST	HN	248	14	ES		1509	2.512	-0.48							0.9	
NEST	HZ	248	14	IAML		1509	4.242			6	1.4					

January 26 2023 Hour: 6:25 53.1 Lat: 37.68N Lon: 20.64E D: 5.0F Ag: TIR Local
Magnitudes: 3.2ML TIR Rms: 0.6 secs
223 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
VLS	HZ	56	355	EP		0626	1.838	-1.22							1.0	
LKD2	HZ	123	1	EP		0626	4.656	-0.10							1.0	
LKD2	HE	123	1	ES		0626	2.769	0.45							1.0	
ITM	HZ	126	116	EP		0626	5.499	0.25							1.0	
ITM	HN	126	116	ES		0626	3.061	-0.15							1.0	
KEK	HZ	238	342	EP		0626	1.468	-0.08							0.9	
KEK	HZ	238	342	IAML		0627	3.925			139	0.5					
SRN	HZ	251	347	EP		0626	3.807	0.60							0.9	
SRN	HZ	251	347	IAML		0627	3.065			34	0.5					
LSK	HZ	274	359	EP		0626	7.208	0.84							0.8	
NEST	HZ	306	6	EP		0626	0.105	-0.30							0.8	
NEST	HZ	306	6	IAML		0627	5.302			34	1.0					

January 26 2023 Hour: 6:53 36.2 Lat: 39.34N Lon: 19.88E D: 31.5 Ag: TIR Local
Magnitudes: 2.6ML TIR Rms: 0.4 secs
43 km SW of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
KEK	HZ	42	350	EP		0653	5.141	0.10							1.0	
KEK	HE	42	350	ES		0653	2.137	-0.04							1.0	
KEK	HZ	42	350	IAML		0653	3.212			121	0.1					
SRN	HZ	60	10	EP		0653	7.919	0.25							1.0	

LSK	HZ	281	357	IAML	0254	4.945			11	0.9					
NEST	HZ	311	4	EP	0253	7.738	0.32								0.8
NEST	HN	311	4	ES	0254	7.653	0.91								0.8
NEST	HZ	311	4	IAML	0254	5.101			3	0.2					

January 27 2023 Hour: 4:46 53.2 Lat: 38.72N Lon: 20.57E D: 5.3 Ag: TIR Local
Magnitudes: 2.5ML TIR Rms: 0.8 secs

109 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	60	178	EP		0447	4.075	0.04							1.0
VLS	HN	60	178	ES		0447	2.954	0.14							1.0
JAN	HZ	107	13	EP		0447	2.208	0.11							1.0
JAN	HN	107	13	ES		0447	7.239	-0.17							1.0
KEK	HZ	128	329	EP		0447	5.857	0.15							1.0
KEK	HN	128	329	ES		0447	3.088	-0.84							1.0
KEK	HZ	128	329	IAML		0447	7.379		40	0.3					
SRN	HZ	138	339	EP		0447	7.027	-0.18							1.0
SRN	HN	138	339	ES		0447	7.184	0.54							1.0
SRN	HZ	138	339	IAML		0447	5.360		14	0.5					
THL	HZ	156	53	EP		0447	9.747	-0.60							1.0
THL	HN	156	53	ES		0447	2.753	0.41							1.0
LSK	HZ	159	1	EP		0447	0.751	-0.03							0.9
LSK	HN	159	1	ES		0447	3.692	0.58							0.9
LSK	HZ	159	1	IAML		0447	1.174		44	0.8					
TPE	HZ	181	345	EP		0447	3.027	-1.35							0.9
TPE	HN	181	345	ES		0447	0.414	0.78							0.9
TPE	HZ	181	345	IAML		0447	2.729		24	0.7					
NEST	HZ	193	12	EP		0447	6.749	0.79							0.9
NEST	HN	193	12	ES		0447	0.560	-1.94							0.9
NEST	HZ	193	12	IAML		0447	5.730		11	0.5					
KBN	HZ	212	5	EP		0447	9.898	1.46							0.9
KBN	HN	212	5	ES		0447	6.928	-0.04							0.9
KBN	HZ	212	5	IAML		0448	2.720		7	0.5					
BERA	HZ	226	347	EP		0447	9.151	-1.01							0.9
BERA	HN	226	347	ES		0448	1.361	1.26							0.9
BERA	HZ	226	347	IAML		0448	6.944		15	0.9					

January 28 2023 Hour: 2:56 11.1 Lat: 37.86N Lon: 20.64E D: 16.1 Ag: TIR Local
Magnitudes: 3.2ML TIR 3.9MW TIR Rms: 0.8 secs

203 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	35	353	EP		0256	8.592	0.66							1.0
VLS	HN	35	353	ES		0256	3.542	0.10							1.0
LKD2	HZ	103	1	EP		0256	8.144	-0.92							1.0
LKD2	HE	103	1	ES		0256	3.051	-0.54							1.0
ITM	HZ	137	123	EP		0256	4.006	-0.67							1.0
ITM	HN	137	123	ES		0256	4.050	0.30							1.0
JAN	HZ	200	5	EP		0256	4.139	0.58							0.9
KEK	HZ	218	341	EP		0256	6.433	0.61							0.9
KEK	HZ	218	341	IAML		0257	2.295		85	0.5					
THL	HZ	224	32	EP		0256	7.125	0.59							0.9
THL	HN	224	32	ES		0257	5.081	-0.12							0.9
SRN	HZ	231	346	EP		0256	8.089	0.67							0.9
SRN	HN	231	346	ES		0257	6.359	-0.45							0.9
SRN	HZ	231	346	IAML		0257	2.648		47	0.6					
LSK	HZ	254	359	EP		0256	1.467	0.94							0.9
LSK	HZ	254	359	IAML		0257	0.258		59	0.8					
TPE	HZ	275	349	EP		0256	2.872	-0.30							0.8
TPE	HZ	275	349	IAML		0257	2.211		51	0.6					
NEST	HZ	286	7	EP		0256	6.193	1.61							0.8
NEST	HZ	286	7	IAML		0257	9.165		36	0.8					
KZN	HZ	289	20	EP		0256	5.513	0.57							0.8
VLO	HZ	306	342	EP		0256	7.081	0.03							0.8
KBN	HZ	307	2	EP		0256	8.895	1.61							0.8

KBN	HN	307	2	ES	0257	4.398	-0.26										0.8
KBN	HZ	307	2	IAML	0258	6.506			23	1.2							
SCTE	HZ	309	323	EP	0256	7.607	0.12										0.8
BERA	HZ	321	350	EP	0256	8.950	-0.04										0.8
BERA	HZ	321	350	IAML	0257	4.493			23	1.0							
PLG	HZ	370	40	EP	0257	3.573	-1.72										0.8
PHP	HZ	425	358	EP	0257	2.027	-0.35										0.7
PHP	HZ	425	358	IAML	0257	8.726			15	0.6							
LACI	HZ	427	350	EP	0257	1.329	-1.19										0.7
LACI	HZ	427	350	IAML	0258	0.267			17	0.4							
NOCI	HZ	448	318	EP	0257	4.844	-0.44										0.7
PUK	HZ	469	352	EP	0257	7.383	-0.64										0.7
PUK	HZ	469	352	IAML	0258	9.920			6	0.5							
BCI	HZ	503	355	EP	0257	1.528	-0.81										0.6
BCI	HZ	503	355	IAML	0258	8.788			15	0.6							
PDG	HZ	521	347	EP	0257	3.270	-1.23										0.6
MRVN	HZ	522	314	EP	0257	3.892	-0.81										0.6

January 29 2023 Hour: 3: 2 46.8 Lat: 40.06N Lon: 21.22E D: 10.0F Ag: TIR Local
Magnitudes: 2.3ML TIR 3.4MW TIR Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	42	340	EP		0302	4.055	-0.21							1.0
NEST	HN	42	340	ES		0303	0.988	0.69							1.0
NEST	HZ	42	340	IAML		0303	6.089			222	0.7				
LSK	HZ	53	281	EP		0302	5.593	-0.78							1.0
LSK	HN	53	281	ES		0303	3.965	-0.14							1.0
LSK	HZ	53	281	IAML		0303	7.076			92	0.4				
KZN	HZ	55	60	EP		0302	5.904	-0.68							1.0
KZN	HN	55	60	ES		0303	4.356	-0.13							1.0
JAN	HZ	55	215	EP		0302	6.103	-0.50							1.0
JAN	HN	55	215	ES		0303	4.299	-0.22							1.0
KBN	HZ	72	330	EP		0302	9.001	-0.72							1.0
KBN	HN	72	330	ES		0303	0.685	0.52							1.0
KBN	HZ	72	330	IAML		0303	4.162			48	0.3				
THL	HZ	88	129	EP		0303	1.874	-0.66							1.0
THL	HN	88	129	ES		0303	6.224	0.97							1.0
THL	HZ	88	129	IAML		0303	8.199			144	0.3				
SRN	HZ	106	259	EP		0303	5.283	-0.42							1.0
SRN	HN	106	259	ES		0303	0.792	-0.20							1.0
SRN	HZ	106	259	IAML		0303	5.590			13					
KEK	HZ	127	253	EP		0303	9.346	-0.11							1.0
KEK	HN	127	253	ES		0303	8.708	0.93							1.0
KEK	HZ	127	253	IAML		0303	1.753			22	0.6				
BERA	HZ	129	304	EP		0303	8.936	-0.79							1.0
BERA	HN	129	304	ES		0303	8.530	0.26							1.0
BERA	HZ	129	304	IAML		0303	6.166			15	0.4				
LKD2	HZ	149	199	EP		0303	3.474	0.33							1.0
LKD2	HN	149	199	ES		0303	5.013	0.55							1.0
PHP	HZ	192	340	EP		0303	9.543	-0.54							0.9
PHP	HN	192	340	ES		0303	7.268	0.25							0.9
PHP	HZ	192	340	IAML		0303	3.416			14	0.7				
LACI	HZ	216	325	EP		0303	4.857	1.77							0.9
LACI	HN	216	325	ES		0303	1.749	-0.70							0.9
LACI	HZ	216	325	IAML		0304	2.420			12	1.2				
BCI	HZ	273	340	EP		0303	0.976	0.43							0.8
BCI	HN	273	340	ES		0304	6.577	0.62							0.8
BCI	HZ	273	340	IAML		0304	7.635			7	1.2				

January 29 2023 Hour: 13:57 36.8 Lat: 38.99N Lon: 21.18E D: 11.1 Ag: TIR Local
 Magnitudes: 2.2ML TIR Rms: 0.4 secs
 113 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	51	244	EP		1357	6.427	0.40							1.0
LKD2	HE	51	244	ES		1357	3.570	0.05							1.0
JAN	HZ	79	339	EP		1357	0.516	-0.16							1.0
JAN	HN	79	339	ES		1358	0.992	-0.93							1.0
THL	HZ	96	48	EP		1357	4.032	0.60							1.0
THL	HN	96	48	ES		1358	6.605	-0.31							1.0
VLS	HZ	104	210	EP		1357	4.525	-0.40							1.0
VLS	HE	104	210	ES		1358	9.451	-0.17							1.0
LSK	HZ	138	339	EP		1358	0.738	0.23							1.0
LSK	HE	138	339	ES		1358	0.412	0.69							1.0
LSK	HZ	138	339	IAML		1358	6.685		19	0.6					
SRN	HZ	142	314	EP		1358	0.928	-0.15							1.0
KEK	HZ	144	304	EP		1358	1.718	0.28							1.0
KEK	HZ	144	304	IAML		1358	8.639		27	0.5					
NEST	HZ	158	356	EP		1358	3.816	-0.09							0.9
NEST	HE	158	356	ES		1358	5.883	0.02							0.9
NEST	HZ	158	356	IAML		1358	1.315		11	0.5					

January 29 2023 Hour: 15:46 9.3 Lat: 39.77N Lon: 20.90E D: 24.7 Ag: TIR Local
 Magnitudes: 2.1ML TIR 2.8MW TIR Rms: 0.2 secs
 61 km SE of Libohove

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JAN	HZ	14	198	EP		1546	4.472	0.29							1.0
JAN	HN	14	198	ES		1546	8.151	-0.01							1.0
LSK	HZ	49	329	EP		1546	8.701	-0.04							1.0
LSK	HN	49	329	ES		1546	6.078	-0.34							1.0
LSK	HZ	49	329	IAML		1546	0.495		99	0.5					
NEST	HZ	72	10	EP		1546	2.769	0.41							1.0
NEST	HE	72	10	ES		1546	3.002	0.04							1.0
NEST	HZ	72	10	IAML		1546	7.747		39	0.4					
SRN	HZ	78	279	EP		1546	3.105	-0.03							1.0
SRN	HN	78	279	ES		1546	4.503	0.13							1.0
SRN	HZ	78	279	IAML		1546	8.031		29	0.3					
KEK	HZ	95	266	EP		1546	5.998	0.21							1.0
KEK	HE	95	266	ES		1546	8.931	-0.24							1.0
KEK	HZ	95	266	IAML		1546	3.794		45	0.5					
KBN	HZ	95	354	EP		1546	5.676	-0.21							1.0
KBN	HN	95	354	ES		1546	9.167	-0.18							1.0
KBN	HZ	95	354	IAML		1546	1.631		21	0.6					
KZN	HN	95	51	ES		1546	9.341	-0.08							1.0
TPE	HZ	95	308	EP		1546	5.830	-0.04							1.0
KZN	HZ	95	51	EP		1546	6.024	0.10							1.0
TPE	HN	95	308	ES		1546	8.976	-0.34							1.0
THL	HZ	98	103	EP		1546	6.591	0.20							1.0
THL	HE	98	103	ES		1546	0.034	-0.22							1.0
LKD2	HZ	111	191	EP		1546	8.367	-0.07							1.0
LKD2	HN	111	191	ES		1546	3.742	-0.23							1.0
BERA	HZ	131	322	EP		1546	1.757	0.24							1.0
BERA	HN	131	322	ES		1546	9.860	0.31							1.0
BERA	HZ	131	322	IAML		1546	3.625		15	0.3					
VLS	HZ	179	189	EP		1546	8.306	0.23							0.9
PHP	HZ	216	350	EP		1546	3.172	0.37							0.9
PLG	HZ	227	72	EP		1546	3.752	-0.49							0.9

January 29 2023 Hour: 16:18 10.0 Lat: 38.22N Lon: 20.25E D: 8.7 Ag: TIR Local
Magnitudes: 2.4ML TIR Rms: 0.3 secs
159 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	30	100	EP		1618	5.997	0.40							1.0
VLS	HN	30	100	ES		1618	9.968	-0.15							1.0
LKD2	HZ	72	29	EP		1618	2.610	-0.26							1.0
LKD2	HE	72	29	ES		1618	3.197	-0.08							1.0
KEK	HZ	170	347	EP		1618	9.636	0.44							0.9
KEK	HN	170	347	ES		1619	2.342	-0.48							0.9
KEK	HZ	170	347	IAML		1619	0.326			23	0.9				
ITM	HZ	188	128	EP		1618	1.422	-0.22							0.9
ITM	HN	188	128	ES		1619	7.157	-0.09							0.9
NEST	HZ	253	15	EP		1618	9.889	-0.16							0.9
NEST	HN	253	15	ES		1619	3.135	0.67							0.9
NEST	HZ	253	15	IAML		1619	9.622			6	0.7				

January 29 2023 Hour: 18:35 43.6 Lat: 38.68N Lon: 20.57E D: 4.0 Ag: TIR Local
Magnitudes: 2.3ML 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	14	34	EP		1835	6.434	0.16							1.0
LKD2	HE	14	34	ES		1835	8.419	-0.01							1.0
VLS	HZ	56	178	EP		1835	3.513	-0.17							1.0
VLS	HN	56	178	ES		1836	1.816	-0.02							1.0
JAN	HZ	111	13	EP		1836	3.164	-0.12							1.0
JAN	HE	111	13	ES		1836	9.044	-0.18							1.0
KEK	HZ	132	330	EP		1836	7.130	0.31							1.0
KEK	HN	132	330	ES		1836	5.723	0.11							1.0
KEK	HZ	132	330	IAML		1836	3.214			41	0.6				
SRN	HZ	142	340	EP		1836	8.161	-0.21							1.0
SRN	HE	142	340	ES		1836	8.026	-0.39							1.0
SRN	HZ	142	340	IAML		1836	1.924			10	0.4				
THL	HZ	159	52	EP		1836	0.825	-0.45							0.9
THL	HN	159	52	ES		1836	3.850	0.17							0.9
LSK	HZ	163	1	EP		1836	2.212	0.23							0.9
LSK	HN	163	1	ES		1836	5.184	0.23							0.9
LSK	HZ	163	1	IAML		1836	9.478			17	0.8				
NEST	HZ	197	12	EP		1836	7.482	0.41							0.9
NEST	HN	197	12	ES		1836	4.005	-0.17							0.9
NEST	HZ	197	12	IAML		1836	3.597			9	0.4				
ITM	HZ	205	144	EP		1836	8.256	0.16							0.9

January 30 2023 Hour: 4:17 15.3 Lat: 40.07N Lon: 21.36E D: 13.4 Ag: TIR Local
Magnitudes: 2.2ML TIR Rms: 0.7 secs
63 km SE of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KZN	HZ	44	53	EP		0417	3.389	0.00							1.0
KZN	HN	44	53	ES		0417	9.905	0.00							1.0
NEST	HZ	47	325	EP		0417	3.845	-0.06							1.0
NEST	HN	47	325	ES		0417	1.179	0.34							1.0
NEST	HZ	47	325	IAML		0417	4.964			170	0.4				
JAN	HZ	64	224	EP		0417	6.816	0.13							1.0
JAN	HE	64	224	ES		0417	4.584	-1.29							1.0
LSK	HZ	66	278	EP		0417	6.088	-0.99							1.0
LSK	HE	66	278	ES		0417	5.349	-1.23							1.0
LSK	HZ	66	278	IAML		0417	8.488			38	0.5				
KBN	HZ	78	322	EP		0417	8.853	-0.33							1.0
KBN	HZ	78	322	IAML		0417	0.179			18	0.7				
KBN	HE	78	322	ES		0417	0.364	-0.03							1.0
THL	HZ	79	135	EP		0417	8.791	-0.47							1.0
THL	HN	79	135	ES		0417	0.441	-0.10							1.0
TPE	HZ	117	283	EP		0417	6.001	0.37							1.0

SRN	HZ	118	260	EP		0417	5.925	0.16									1.0
SRN	HN	118	260	ES		0417	2.601	0.29									1.0
SRN	HZ	118	260	IAML		0417	5.502			23	1.0						
BERA	HZ	139	301	EP		0417	9.216	-0.01									1.0
BERA	HE	139	301	ES		0417	9.041	0.48									1.0
BERA	HZ	139	301	IAML		0418	2.599			17	1.1						
KEK	HZ	140	254	EP		0417	1.512	2.19									1.0
LKD2	HZ	155	203	EP		0417	2.354	0.48									1.0
LKD2	HE	155	203	ES		0418	4.024	0.65									1.0
PHP	HZ	195	337	EP		0417	7.066	-0.37									0.9
PUK	HZ	251	331	EP		0417	4.695	0.03									0.9

January 30 2023 Hour: 20:58 3.8 Lat: 37.82N Lon: 21.36E D: 10.0F Ag: TIR Local
Magnitudes: 2.7ML TIR Rms: 0.5 secs
228 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
VLS	HZ	78	300	EP		2058	7.265	-0.54							1.0	
VLS	HE	78	300	ES		2058	8.901	-0.22							1.0	
ITM	HZ	87	145	EP		2058	9.204	-0.20							1.0	
ITM	HN	87	145	ES		2058	1.810	-0.22							1.0	
LKD2	HZ	124	330	EP		2058	5.618	-0.25							1.0	
LKD2	HN	124	330	ES		2058	3.633	-0.09							1.0	
THL	HZ	202	16	EP		2058	9.261	0.98							0.9	
THL	HN	202	16	ES		2059	5.945	-0.25							0.9	
JAN	HZ	208	348	EP		2058	9.671	0.46							0.9	
JAN	HE	208	348	ES		2059	8.190	0.33							0.9	
KEK	HZ	250	328	EP		2058	4.792	0.29							0.9	
KEK	HN	250	328	ES		2059	7.590	0.15							0.9	
KEK	HZ	250	328	IAML		2059	7.970			49	0.9					
SRN	HZ	257	333	EP		2058	5.632	0.24							0.9	
SRN	HN	257	333	ES		2059	9.323	0.27							0.9	
SRN	HZ	257	333	IAML		2059	7.371			8	0.5					
LSK	HZ	267	346	EP		2058	7.243	0.51							0.9	
LSK	HN	267	346	ES		2059	1.756	0.27							0.9	
LSK	HZ	267	346	IAML		2059	7.263			21	0.5					
KZN	HZ	278	7	EP		2058	8.333	0.14							0.8	
KZN	HN	278	7	ES		2059	3.407	-0.71							0.8	
NEST	HZ	289	355	EP		2058	0.121	0.51							0.8	
NEST	HN	289	355	ES		2059	5.483	-1.22							0.8	
NEST	HZ	289	355	IAML		2059	1.305			9	0.3					
THE	HZ	341	23	EP		2058	6.563	0.37							0.8	
THE	HN	341	23	ES		2059	8.010	-0.60							0.8	

January 31 2023 Hour: 2:52 28.0 Lat: 37.71N Lon: 20.73E D: 14.2 Ag: TIR Local
Magnitudes: 3.0ML TIR 3.6MW TIR Rms: 0.6 secs
221 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
VLS	HZ	53	347	EP		0252	8.109	0.48							1.0	
VLS	HN	53	347	ES		0252	5.249	-0.14							1.0	
LKD2	HZ	120	357	EP		0252	7.168	-1.55							0.5	
ITM	HZ	121	119	EP		0252	9.285	0.27							1.0	
ITM	HN	121	119	ES		0253	5.744	-0.26							1.0	
JAN	HZ	216	3	EP		0253	2.849	0.16							0.9	
THL	HZ	234	28	EP		0253	5.024	0.08							0.9	
KEK	HZ	236	340	EP		0253	6.138	0.88							0.9	
KEK	HZ	236	340	IAML		0253	4.691			50	0.6					
SRN	HZ	249	345	EP		0253	8.011	1.19							0.4	
SRN	HZ	249	345	IAML		0254	1.009			24	0.6					
LSK	HZ	271	358	EP		0253	9.116	-0.64							0.9	
LSK	HZ	271	358	IAML		0254	7.495			41	0.8					
NEST	HZ	301	5	EP		0253	4.207	0.53							0.8	
NEST	HZ	301	5	IAML		0254	8.051			20	1.1					
KZN	HZ	302	17	EP		0253	4.174	0.45							0.8	
KBN	HZ	323	1	EP		0253	6.394	-0.07							0.8	

SCTE	HZ	327	324	EP	0253	6.837-0.06									0.8
BERA	HZ	339	349	EP	0253	8.267-0.09									0.8
LACI	HZ	444	349	EP	0253	0.654-1.23									0.7
PUK	HZ	486	352	EP	0253	6.855-0.50									0.7
MRVN	HZ	539	315	EP	0253	3.592-0.36									0.6
SGRT	HZ	619	318	EP	0253	3.363-0.57									0.5

January 31 2023 Hour: 4:43 3.3 Lat: 37.94N Lon: 20.00E D: 13.6 Ag: TIR Local
Magnitudes: 3.0ML TIR 3.8MW TIR Rms: 0.6 secs
192 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	59	62	EP		0443	4.383	0.60							1.0
VLS	HN	59	62	ES		0443	1.269-1.04								1.0
LKD2	HZ	111	31	EP		0443	2.299-0.21								1.0
LKD2	HN	111	31	ES		0443	8.758	0.65							1.0
ITM	HZ	190	116	EP		0443	5.070	0.45							0.9
ITM	HN	190	116	ES		0443	9.899-0.12								0.9
KEK	HZ	198	355	EP		0443	6.474	0.82							0.9
KEK	HE	198	355	ES		0444	1.865-0.03								0.9
KEK	HZ	198	355	IAML		0444	9.486		83	0.5					0.9
JAN	HZ	205	21	EP		0443	6.132-0.44								0.9
SRN	HZ	216	0	EP		0443	7.745-0.16								0.9
SRN	HZ	216	0	IAML		0444	0.029		38	0.4					0.9
LSK	HZ	251	12	EP		0443	3.198	0.63							0.9
LSK	HZ	251	12	IAML		0444	0.576		43	0.6					0.9
THL	HZ	252	43	EP		0443	3.945	1.41							0.4
SCTE	HZ	272	331	EP		0443	5.296	0.22							0.9
NEST	HZ	290	18	EP		0443	8.204	0.68							0.8
NEST	HZ	290	18	IAML		0444	6.319		14	0.3					0.8
KBN	HZ	306	13	EP		0443	9.467-0.11								0.8
KBN	HZ	306	13	IAML		0444	5.728		12	0.7					0.8
BERA	HZ	307	359	EP		0443	9.083-0.55								0.8
BERA	HZ	307	359	IAML		0444	4.758		24	0.7					0.8
NOCI	HZ	405	322	EP		0444	1.983-0.24								0.7
LACI	HZ	412	357	EP		0444	1.286-1.72								0.4
PHP	HZ	418	5	EP		0444	3.469-0.44								0.7
PHP	HZ	418	5	IAML		0444	1.043		10	0.5					0.7
PUK	HZ	456	359	EP		0444	7.758-1.06								0.3
PUK	HZ	456	359	IAML		0445	2.462		7	0.4					0.3
MRVN	HZ	477	318	EP		0444	0.959-0.45								0.7
BCI	HZ	492	1	EP		0444	2.822-0.56								0.7
BCI	HZ	492	1	IAML		0445	8.118		17	0.4					0.7
SGRT	HZ	559	321	EP		0444	1.086-0.64								0.6

January 31 2023 Hour: 8:49 32.8 Lat: 41.74N Lon: 19.44E D: 7.0 Ag: TIR Local
Magnitudes: 2.1ML TIR Rms: 0.4 secs
17 km W of Lezhe

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LACI	HZ	25	116	EP		0849	7.896	0.44							1.0
LACI	HN	25	116	ES		0849	1.661	0.41							1.0
LACI	HZ	25	116	IAML		0849	2.621		243	0.1					1.0
SDA	HZ	35	7	EP		0849	8.550-0.63								1.0
SDA	HN	35	7	ES		0849	4.281-0.08								1.0
SDA	HZ	35	7	IAML		0849	5.272		45	0.1					1.0
PUK	HZ	50	47	EP		0849	2.273	0.39							1.0
PUK	HE	50	47	ES		0849	9.091-0.17								1.0
PUK	HZ	50	47	IAML		0849	0.791		35	0.1					1.0
TIR	HZ	56	141	EP		0849	2.397-0.39								1.0
TIR	HE	56	141	ES		0849	0.782-0.11								1.0
PDG	HZ	79	349	EP		0849	7.086	0.26							1.0
PDG	HE	79	349	ES		0849	8.340	0.14							1.0
PDG	HZ	79	349	IAML		0850	0.603		39	0.2					1.0
PHP	HZ	83	94	EP		0849	7.299-0.32								1.0
PHP	HN	83	94	ES		0849	9.502-0.15								1.0

PHP	HZ	83	94	IAML	0850	1.760		63	0.1	
BCI	HZ	87	36	EP	0849	7.837-0.42				1.0
BCI	HE	87	36	ES	0850	0.958	0.16			1.0
BCI	HZ	87	36	IAML	0850	7.328		29	0.6	
SJES	BZ	175	14	EP	0850	2.700-0.26				0.9
SJES	BE	175	14	ES	0850	7.825	0.41			0.9
SJES	BZ	175	14	IAML	0850	1.642		78	0.3	
NEST	HZ	199	137	EP	0850	7.092	0.92			0.9
NEST	HE	199	137	ES	0850	2.771-0.46				0.9
NEST	HZ	199	137	IAML	0850	5.534		7	0.4	
BARS	BZ	229	58	EP	0850	9.904-0.05				0.9