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# Monthly Bulletin of Seismology

from the

## Albanian Seismic Network (ASN)

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## 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>.

August 1 2022 Hour: 22:40 22.4 Lat: 40.65N Lon: 19.97E D: 15.0 Ag: TIR Local  
 Magnitudes: 2.4ML TIR 2.9MW TIR Rms: 0.7 secs  
 6 km S of Berat

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA	HZ	7	342	EP		2240	5.082	-0.18							1.0
BERA	HN	7	342	ES		2240	7.488	-0.13							1.0
BERA	HZ	7	342	IAML		2240	7.535			2296	0.3				
BPA2	HZ	32	288	EP		2240	8.816	0.35							1.0
VLO	HZ	45	244	EP		2240	0.970	0.33							1.0
VLO	HN	45	244	ES		2240	8.291	0.95							1.0
VLO	HZ	45	244	IAML		2240	0.803			454	0.4				
KBN	HZ	69	92	EP		2240	4.122	-0.51							1.0
KBN	HN	69	92	ES		2240	4.253	-0.31							1.0
KBN	HZ	69	92	IAML		2240	8.622			51	0.3				
LSK	HZ	76	136	EP		2240	5.039	-0.85							1.0
LSK	HN	76	136	ES		2240	6.930	0.09							1.0
LSK	HZ	76	136	IAML		2240	2.360			77	0.6				
TIR	HZ	79	353	EP		2240	6.533	0.33							1.0
TIR	HN	79	353	ES		2240	7.155	-0.27							1.0
TIR	HZ	79	353	IAML		2240	2.190			34	0.3				
SRN	HZ	85	178	EP		2240	7.313	0.07							1.0
SRN	HN	85	178	ES		2240	0.103	0.80							1.0
SRN	HZ	85	178	IAML		2240	1.676			69	0.3				
NEST	HZ	95	105	EP		2240	8.645	-0.28							1.0
NEST	HE	95	105	ES		2240	1.689	-0.65							1.0
NEST	HZ	95	105	IAML		2240	8.387			48	0.3				
KEK	HZ	105	188	EP		2240	0.972	0.45							1.0
KEK	HN	105	188	ES		2240	5.377	0.15							1.0
KEK	HZ	105	188	IAML		2241	1.859			84	0.5				
PENT	HZ	111	116	EP		2240	0.937	-0.66							1.0
PENT	HE	111	116	ES		2240	7.273	0.09							1.0
PHP	HZ	122	19	EP		2240	3.573	0.12							1.0
PHP	HN	122	19	ES		2241	0.822	0.28							1.0
PHP	HZ	122	19	IAML		2241	5.500			30	1.2				
IGT	HZ	127	166	EP		2240	4.191	-0.11							1.0
IGT	HN	127	166	ES		2241	2.685	0.61							1.0
IGT	HZ	127	166	IAML		2241	4.579			68	0.8				
JAN	HZ	133	145	EP		2240	5.122	-0.11							1.0
JAN	HN	133	145	ES		2241	5.082	1.32							1.0
SCTE	HZ	143	244	EP		2240	6.535	-0.36							1.0
SCTE	HN	143	244	ES		2241	5.730	-1.04							1.0
PUK	HZ	155	358	EP		2240	9.302	0.32							1.0
PUK	HE	155	358	ES		2241	1.265	0.72							1.0
PUK	HZ	155	358	IAML		2241	8.390			16	0.2				
KZN	HZ	157	103	EP		2240	8.890	-0.33							1.0
KZN	HN	157	103	ES		2241	1.677	0.70							1.0
SDA	HZ	161	346	EP		2240	0.184	0.39							0.9
SDA	HN	161	346	ES		2241	1.560	-0.46							0.9
SDA	HZ	161	346	IAML		2241	0.805			12	1.0				
BCI	HZ	191	2	EP		2240	4.670	0.90							0.9
BCI	HE	191	2	ES		2241	0.513	1.31							0.9
BCI	HZ	191	2	IAML		2241	2.106			29	0.9				
PDG	HZ	207	344	EP		2240	5.247	-0.46							0.9
PDG	HN	207	344	ES		2241	2.465	-0.25							0.9
PDG	HZ	207	344	IAML		2241	0.122			15	0.9				
THL	HZ	211	124	EP		2240	5.678	-0.58							0.9
THL	HE	211	124	ES		2241	4.198	0.48							0.9
LKD2	HZ	214	164	EP		2240	6.052	-0.63							0.9
LKD2	HN	214	164	ES		2241	4.695	0.21							0.9
NOCI	HZ	246	275	EP		2240	9.138	-1.66							0.9
VLS	HZ	279	169	EP		2241	3.081	-1.90							0.8
PLG	HZ	296	95	EP		2241	7.211	0.07							0.8

August 3 2022 Hour: 5:19 17.3 Lat: 42.50N Lon: 18.66E D: 2.5 Ag: TIR Local  
 Magnitudes: 2.1ML TIR Rms: 0.2 secs  
 72 km NW of Koplík

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PDG	HZ	50	99	EP		0519	6.426	0.17							1.0
PDG	HN	50	99	ES		0519	3.412	-0.10							1.0
PDG	HZ	50	99	IAML		0519	4.662			70	0.2				
SDA	HZ	85	125	EP		0519	2.582	0.03							1.0
SDA	HN	85	125	ES		0519	4.896	-0.01							1.0
SDA	HZ	85	125	IAML		0519	9.287			10	0.2				
PUK	HZ	114	116	EP		0519	7.161	-0.39							1.0
PUK	HN	114	116	ES		0519	4.166	0.21							1.0
PUK	HZ	114	116	IAML		0519	6.285			19	0.1				
BCI	HZ	117	97	EP		0519	8.227	0.18							1.0
BCI	HN	117	97	ES		0519	4.773	-0.09							1.0
BCI	HZ	117	97	IAML		0519	7.009			39	0.3				

August 3 2022 Hour: 21:20 3.1 Lat: 40.28N Lon: 19.64E D: 20.2 Ag: TIR Local  
 Magnitudes: 2.2ML TIR Rms: 0.8 secs  
 21 km NW of Himare

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLO	HZ	24	329	EP		2120	8.552	-0.03							1.0
VLO	HN	24	329	ES		2120	3.947	0.91							1.0
VLO	HZ	24	329	IAML		2120	6.143			486	0.2				
BERA	HZ	54	29	EP		2120	2.742	-0.24							1.0
BERA	HN	54	29	ES		2120	0.582	-0.42							1.0
BERA	HZ	54	29	IAML		2120	2.821			70	0.3				
SRN	HZ	54	145	EP		2120	1.967	-1.04							1.0
SRN	HN	54	145	ES		2120	0.271	-0.76							1.0
SRN	HZ	54	145	IAML		2120	1.039			88	0.5				
KEK	HZ	64	168	EP		2120	4.786	0.08							1.0
KEK	HN	64	168	ES		2120	4.710	0.59							1.0
KEK	HZ	64	168	IAML		2120	5.638			57	0.2				
LSK	HZ	83	100	EP		2120	6.499	-1.26							1.0
LSK	HN	83	100	ES		2120	9.222	-0.41							1.0
LSK	HZ	83	100	IAML		2120	0.707			56	0.8				
IGT	HZ	102	144	EP		2120	0.609	-0.26							1.0
IGT	HN	102	144	ES		2120	4.664	-0.61							1.0
IGT	HZ	102	144	IAML		2120	9.478			32	0.3				
SCTE	HZ	103	257	EP		2120	1.568	0.55							1.0
SCTE	HN	103	257	ES		2120	5.705	0.16							1.0
KBN	HZ	104	68	EP		2120	1.851	0.53							1.0
KBN	HN	104	68	ES		2120	6.061	-0.04							1.0
NEST	HZ	120	82	IAML		2120	3.670			36	0.4				
TIR	HZ	120	9	IAML		2120	5.584			11	0.5				
NEST	HZ	120	82	EP		2120	3.870	-0.05							1.0
TIR	HZ	120	9	EP		2120	3.887	0.08							1.0
TIR	HN	120	9	ES		2120	1.630	1.04							1.0
NEST	HN	120	82	ES		2120	2.118	1.32							1.0
JAN	HZ	124	123	EP		2120	5.221	0.74							1.0
JAN	HN	124	123	ES		2120	1.841	0.02							1.0
PENT	HZ	128	94	EP		2120	4.790	-0.27							1.0
PENT	HN	128	94	ES		2120	4.166	1.30							1.0
PHP	HZ	170	23	EP		2120	1.335	0.13							0.9
PHP	HN	170	23	ES		2120	2.949	-1.03							0.9
PHP	HZ	170	23	IAML		2120	8.891			7	0.6				
KZN	HZ	181	88	EP		2120	3.819	1.17							0.9
LKD2	HZ	187	152	EP		2120	2.688	-0.70							0.9
LKD2	HN	187	152	ES		2120	8.690	0.76							0.9
PUK	HZ	197	6	EP		2120	4.384	-0.32							0.9
PUK	HN	197	6	ES		2120	8.219	-2.09							0.9

August 3 2022 Hour: 23:53 51.2 Lat: 40.28N Lon: 19.70E D: 19.6 Ag: TIR Local  
 Magnitudes: 2.4ML TIR 2.9MW TIR Rms: 0.4 secs  
 20 km N of Himare

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLO	HZ	27	321	EP		2353	7.018	0.04							1.0
VLO	HN	27	321	ES		2354	1.695	0.05							1.0
VLO	HZ	27	321	IAML		2354	4.156			1092	0.3				
BPA2	HZ	50	352	EP		2354	1.242	0.72							1.0
BERA	HZ	51	25	EP		2354	0.673	-0.04							1.0
BERA	HN	51	25	ES		2354	7.801	-0.61							1.0
BERA	HZ	51	25	IAML		2354	0.620			128	0.3				
SRN	HZ	52	150	EP		2354	0.742	-0.00							1.0
SRN	HN	52	150	ES		2354	7.709	-0.75							1.0
SRN	HZ	52	150	IAML		2354	0.529			75	0.4				
KEK	HZ	64	172	EP		2354	2.792	0.07							1.0
KEK	HE	64	172	ES		2354	2.225	0.17							1.0
KEK	HZ	64	172	IAML		2354	6.416			65	0.4				
LSK	HZ	78	101	EP		2354	4.766	-0.37							1.0
LSK	HN	78	101	ES		2354	6.274	-0.14							1.0
LSK	HZ	78	101	IAML		2354	8.640			85	0.8				
IGT	HZ	99	147	EP		2354	8.713	0.12							1.0
IGT	HN	99	147	ES		2354	2.286	-0.38							1.0
IGT	HZ	99	147	IAML		2354	7.357			40	0.5				
KBN	HZ	100	67	EP		2354	8.979	0.26							1.0
KBN	HN	100	67	ES		2354	3.275	0.37							1.0
KBN	HZ	100	67	IAML		2354	0.673			49	0.6				
NEST	HZ	116	82	EP		2354	1.181	-0.18							1.0
NEST	HN	116	82	ES		2354	7.726	0.04							1.0
NEST	HZ	116	82	IAML		2354	2.108			80	0.7				
TIR	HZ	119	7	EP		2354	2.211	0.39							1.0
TIR	HZ	119	7	IAML		2354	6.937			18	0.3				
JAN	HZ	121	125	EP		2354	2.947	0.88							1.0
JAN	HN	121	125	ES		2354	8.582	-0.38							1.0
PENT	HZ	123	94	EP		2354	2.581	0.07							1.0
PENT	HE	123	94	ES		2354	0.492	0.74							1.0
PHP	HZ	168	22	EP		2354	9.170	0.03							0.9
PHP	HN	168	22	ES		2354	1.162	-0.60							0.9
PHP	HZ	168	22	IAML		2354	2.000			17	0.8				
KZN	HZ	176	88	EP		2354	0.584	0.33							0.9
KZN	HN	176	88	ES		2354	3.763	-0.02							0.9
PUK	HZ	196	5	EP		2354	2.012	-0.79							0.9
PUK	HZ	196	5	IAML		2354	8.433			11	0.3				
THL	HZ	214	111	EP		2354	5.123	0.21							0.9
BCI	HZ	234	8	EP		2354	7.053	-0.49							0.9
BCI	HN	234	8	ES		2354	6.749	-0.22							0.9
BCI	HZ	234	8	IAML		2355	2.591			13	0.7				
PDG	HZ	241	351	EP		2354	8.693	0.22							0.9
PDG	HN	241	351	ES		2354	8.735	0.08							0.9
PDG	HZ	241	351	IAML		2355	4.862			9	0.2				
VLS	HZ	246	161	EP		2354	9.193	0.07							0.9

August 5 2022 Hour: 12:4 5.6 Lat: 40.20N Lon: 19.82E D: 2.8 Ag: TIR Local  
 Magnitudes: 2.0ML TIR 2.4MW TIR Rms: 0.3 secs  
 12 km NE of Himare

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	39	156	EP		1204	2.783	0.26							1.0
SRN	HE	39	156	ES		1204	7.877	-0.28							1.0
SRN	HZ	39	156	IAML		1204	8.796			96	0.3				
KEK	HZ	54	182	EP		1204	5.440	0.20							1.0
KEK	HN	54	182	ES		1204	2.744	-0.32							1.0
KEK	HZ	54	182	IAML		1204	8.365			86	0.5				
BERA	HZ	57	11	EP		1204	5.515	-0.26							1.0
BERA	HE	57	11	ES		1204	3.886	-0.15							1.0

BERA	HZ	57	11	IAML	1204	1.966			40	0.3					
LSK	HZ	67	94	EP	1204	7.798	0.25								1.0
LSK	HN	67	94	ES	1204	7.119	-0.12								1.0
LSK	HZ	67	94	IAML	1204	6.115			36	0.6					
IGT	HZ	86	149	EP	1204	0.813	-0.17								1.0
IGT	HZ	86	149	IAML	1204	8.470			19	0.4					
NEST	HZ	108	77	EP	1204	5.455	0.67								1.0
NEST	HN	108	77	ES	1204	0.136	-0.21								1.0
NEST	HZ	108	77	IAML	1204	6.357			9	0.5					
LKD2	HZ	173	155	EP	1204	6.100	0.51								0.9
THL	HZ	201	110	EP	1204	9.202	-0.38								0.9

**August 5 2022 Hour: 15:39 42.2 Lat: 39.29N Lon: 20.67E D: 8.4 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR 3.3MW TIR Rms: 0.2 secs**  
**58 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	40	313	EP		1539	8.925	-0.47							1.0
IGT	HN	40	313	ES		1539	5.216	-0.04							1.0
IGT	HZ	40	313	IAML		1539	7.137			46	0.2				
JAN	HZ	44	21	EP		1539	0.047	-0.09							1.0
JAN	HN	44	21	ES		1539	6.716	0.12							1.0
LKD2	HZ	56	181	EP		1539	2.308	0.10							1.0
LKD2	HN	56	181	ES		1540	0.846	0.51							1.0
SRN	HZ	87	319	EP		1539	7.542	-0.02							1.0
SRN	HE	87	319	ES		1540	0.358	0.32							1.0
SRN	HZ	87	319	IAML		1540	7.406			11	0.4				
KEK	HZ	88	302	EP		1539	7.547	-0.23							1.0
KEK	HE	88	302	ES		1540	0.752	0.32							1.0
KEK	HZ	88	302	IAML		1540	3.650			21	0.6				
LSK	HZ	96	356	EP		1539	8.980	-0.08							1.0
LSK	HZ	96	356	IAML		1540	0.360			23	0.4				
THL	HZ	120	75	EP		1540	3.021	-0.01							1.0
THL	HN	120	75	ES		1540	0.031	0.11							1.0
VLS	HZ	124	183	EP		1540	3.492	-0.17							1.0
VLS	HE	124	183	ES		1540	0.718	-0.36							1.0
NEST	HZ	129	14	EP		1540	4.596	-0.04							1.0
NEST	HZ	129	14	IAML		1540	9.531			11	0.4				

**August 6 2022 Hour: 5:30 30.3 Lat: 41.90N Lon: 20.84E D: 3.2 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.6 secs**  
**39 km SE of Kukes**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	41	234	EP		0530	7.784	0.11							1.0
PHP	HN	41	234	ES		0530	3.029	-0.62							1.0
PHP	HZ	41	234	IAML		0530	5.471			64	0.7				
PUK	HZ	80	282	EP		0530	3.983	-0.64							1.0
PUK	HE	80	282	ES		0530	6.235	0.02							1.0
PUK	HZ	80	282	IAML		0530	7.675			30	0.5				
BCI	HZ	82	309	EP		0530	4.899	-0.08							1.0
BCI	HE	82	309	ES		0530	7.032	0.17							1.0
BCI	HZ	82	309	IAML		0530	8.257			64	0.4				
SDA	HZ	112	279	EP		0530	0.100	-0.12							1.0
SDA	HN	112	279	ES		0531	6.646	0.29							1.0
SDA	HZ	112	279	IAML		0531	3.821			12	0.3				
BARS	BZ	129	38	EP		0530	3.876	0.78							1.0
BARS	BN	129	38	ES		0531	0.332	-1.23							1.0
BARS	BZ	129	38	IAML		0531	2.804			11	0.3				
KBN	HZ	142	182	EP		0530	5.631	0.39							1.0
KBN	HN	142	182	ES		0531	4.924	-0.52							1.0
KBN	HZ	142	182	IAML		0531	9.274			7	0.2				
PDG	HZ	143	295	EP		0530	6.694	1.35							1.0
PDG	HE	143	295	ES		0531	4.911	-0.72							1.0
PDG	HZ	143	295	IAML		0531	7.619			12	0.4				
BOSS	SZ	149	63	EP		0530	6.705	0.27							1.0



BERA	HZ	153	210	EP		0530	7.396	0.43									1.0
BERA	HZ	153	210	IAML		0531	5.119			8	0.6						
NEST	HZ	166	174	EP		0530	8.650	-0.62									0.9
NEST	HN	166	174	ES		0531	2.796	0.07									0.9
NEST	HZ	166	174	IAML		0531	6.063			11	0.5						
PENT	HZ	191	172	EP		0531	3.075	-0.07									0.9
LSK	HZ	196	186	EP		0531	4.868	1.16									0.9
LSK	HN	196	186	ES		0531	0.472	-0.29									0.9
LSK	HZ	196	186	IAML		0531	4.465			7	0.9						

**August 6 2022 Hour: 17:22 19.0 Lat: 38.52N Lon: 20.53E D: 8.4 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR 2.8MW TIR Rms: 0.3 secs**

**130 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	32	20	EP		1722	4.968	0.09							1.0
LKD2	HE	32	20	ES		1722	9.628	-0.02							1.0
VLS	HZ	39	172	EP		1722	5.895	-0.13							1.0
VLS	HN	39	172	ES		1722	1.337	-0.40							1.0
IGT	HZ	114	351	EP		1722	9.126	0.31							1.0
IGT	HE	114	351	ES		1722	4.967	0.09							1.0
IGT	HZ	114	351	IAML		1722	6.961			22	0.3				
JAN	HZ	129	12	EP		1722	1.347	-0.07							1.0
JAN	HE	129	12	ES		1722	9.382	-0.20							1.0
KEK	HZ	147	335	EP		1722	4.254	-0.07							1.0
SRN	HZ	158	343	EP		1722	6.167	0.03							0.9
SRN	HZ	158	343	IAML		1723	9.119			12	0.8				
THL	HZ	173	47	EP		1722	8.840	0.14							0.9
LSK	HZ	181	2	EP		1722	9.794	-0.06							0.9
LSK	HZ	181	2	IAML		1723	8.516			16	0.8				
ITM	HZ	193	140	EP		1722	2.179	0.85							0.9
PENT	HZ	193	16	EP		1722	1.415	-0.03							0.9
ITM	HE	193	140	ES		1723	7.457	-0.08							0.9
NEST	HZ	215	12	EP		1722	4.641	0.41							0.9
NEST	HN	215	12	ES		1723	1.980	-0.80							0.9
NEST	HZ	215	12	IAML		1723	7.221			6	0.6				

**August 7 2022 Hour: 8:46 8.0 Lat: 39.18N Lon: 21.03E D: 12.0 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 2.9MW TIR Rms: 0.6 secs**

**90 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	54	217	EP		0846	8.249	0.49							1.0
LKD2	HN	54	217	ES		0846	6.853	1.22							1.0
JAN	HZ	56	344	EP		0846	8.105	0.05							1.0
JAN	HE	56	344	ES		0846	6.275	0.10							1.0
IGT	HZ	72	303	EP		0846	0.247	-0.55							1.0
IGT	HN	72	303	ES		0846	1.191	0.05							1.0
IGT	HZ	72	303	IAML		0846	1.397			73	0.3				
THL	HZ	95	63	EP		0846	5.057	0.48							1.0
THL	HE	95	63	ES		0846	8.508	0.54							1.0
LSK	HZ	114	341	EP		0846	7.916	0.04							1.0
LSK	HN	114	341	ES		0846	5.439	1.50							1.0
LSK	HZ	114	341	IAML		0846	6.739			47	0.9				
PENT	HZ	114	5	EP		0846	7.672	-0.08							1.0
PENT	HE	114	5	ES		0846	3.203	-0.52							1.0
VLS	HZ	117	199	EP		0846	7.631	-0.70							1.0
VLS	HN	117	199	ES		0846	4.238	-0.52							1.0
SRN	HZ	118	312	EP		0846	7.901	-0.56							1.0
SRN	HE	118	312	ES		0846	4.958	-0.05							1.0
SRN	HZ	118	312	IAML		0846	1.001			17	0.3				
KEK	HZ	122	300	EP		0846	8.712	-0.36							1.0
KEK	HN	122	300	ES		0846	5.819	-0.29							1.0
KEK	HZ	122	300	IAML		0846	0.482			53	0.5				
NEST	HZ	138	1	EP		0846	1.958	0.22							1.0
NEST	HN	138	1	ES		0846	1.047	0.11							1.0

NEST	HZ	138	1	IAML	0846	6.484			23	0.5				
KZN	HZ	141	26	EP	0846	0.856	-1.38							1.0
KZN	HE	141	26	ES	0846	1.794	-0.04							1.0
BERA	HZ	193	332	EP	0846	0.006	0.06							0.9
BERA	HE	193	332	ES	0847	5.914	0.13							0.9
BERA	HZ	193	332	IAML	0847	4.177			15	1.1				
PLG	HZ	246	56	EP	0846	6.763	0.04							0.9
PLG	HN	246	56	ES	0847	7.964	-0.10							0.9

**August 7 2022 Hour: 11: 2 50.8 Lat: 39.17N Lon: 21.02E D: 21.2 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR Rms: 0.5 secs**  
**90 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	53	217	EP		1103	1.033	0.33							1.0
LKD2	HN	53	217	ES		1103	9.285	0.57							1.0
JAN	HZ	56	345	EP		1103	1.039	-0.11							1.0
JAN	HE	56	345	ES		1103	9.124	-0.39							1.0
IGT	HZ	72	304	EP		1103	3.182	-0.52							1.0
IGT	HN	72	304	ES		1103	4.115	-0.03							1.0
IGT	HZ	72	304	IAML		1103	4.291			54	0.2				
THL	HZ	96	63	EP		1103	7.960	0.33							1.0
THL	HE	96	63	ES		1103	1.433	0.19							1.0
LSK	HZ	115	342	EP		1103	9.726	-0.94							1.0
LSK	HN	115	342	ES		1103	6.757	0.01							1.0
LSK	HZ	115	342	IAML		1103	0.010			29	0.9				
VLS	HZ	117	199	EP		1103	0.283	-0.68							1.0
VLS	HN	117	199	ES		1103	7.133	-0.15							1.0
SRN	HZ	118	312	EP		1103	0.831	-0.30							1.0
SRN	HE	118	312	ES		1103	9.025	1.44							1.0
SRN	HZ	118	312	IAML		1103	3.700			11	0.4				
KEK	HZ	121	300	EP		1103	1.550	-0.14							1.0
KEK	HN	121	300	ES		1103	8.308	-0.29							1.0
KEK	HZ	121	300	IAML		1103	3.530			37	0.4				
NEST	HZ	138	1	EP		1103	5.029	0.66							1.0
NEST	HE	138	1	ES		1103	3.501	0.05							1.0
NEST	HZ	138	1	IAML		1103	9.410			15	0.5				

**August 7 2022 Hour: 11:41 12.8 Lat: 39.19N Lon: 21.01E D: 17.7 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR Rms: 0.4 secs**  
**88 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	54	215	EP		1141	2.560	-0.08							1.0
LKD2	HN	54	215	ES		1141	1.062	0.47							1.0
JAN	HZ	54	345	EP		1141	2.401	-0.27							1.0
JAN	HE	54	345	ES		1141	0.879	0.22							1.0
IGT	HZ	70	304	EP		1141	4.598	-0.66							1.0
IGT	HE	70	304	ES		1141	5.447	0.12							1.0
IGT	HZ	70	304	IAML		1141	7.834			45	0.8				
THL	HZ	96	64	EP		1141	9.522	-0.12							1.0
THL	HN	96	64	ES		1141	3.367	0.11							1.0
LSK	HZ	112	342	EP		1141	1.749	-0.63							1.0
LSK	HN	112	342	ES		1141	8.521	0.29							1.0
LSK	HZ	112	342	IAML		1141	5.183			41	0.9				
SRN	HZ	116	312	EP		1141	3.168	0.29							1.0
SRN	HN	116	312	ES		1141	9.737	0.61							1.0
SRN	HZ	116	312	IAML		1141	6.666			17	0.8				
KEK	HZ	119	300	EP		1141	3.133	-0.34							1.0
KEK	HN	119	300	ES		1141	9.749	-0.46							1.0
KEK	HZ	119	300	IAML		1141	4.744			48	0.6				
NEST	HZ	136	1	EP		1141	6.737	0.43							1.0
NEST	HN	136	1	ES		1141	5.358	0.04							1.0
NEST	HZ	136	1	IAML		1142	2.975			15	0.8				

August 7 2022 Hour: 11:42 27.1 Lat: 39.18N Lon: 21.02E D: 9.8 Ag: TIR Local  
 Magnitudes: 2.3ML TIR 3.3MW TIR Rms: 0.4 secs

89 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	53	216	EP		1142	7.210	0.37							1.0
LKD2	HN	53	216	ES		1142	5.618	0.93							1.0
JAN	HZ	55	345	EP		1142	7.024	-0.13							1.0
JAN	HE	55	345	ES		1142	5.000	-0.27							1.0
IGT	HZ	71	304	EP		1142	9.126	-0.68							1.0
IGT	HE	71	304	ES		1142	0.193	0.12							1.0
IGT	HZ	71	304	IAML		1142	0.503			69	0.2				
THL	HZ	96	63	EP		1142	4.087	0.18							1.0
THL	HE	96	63	ES		1142	7.656	0.17							1.0
LSK	HZ	114	342	EP		1142	7.237	0.27							1.0
LSK	HN	114	342	ES		1143	3.014	-0.01							1.0
LSK	HZ	114	342	IAML		1143	5.907			43	0.9				
VLS	HZ	117	199	EP		1142	6.793	-0.67							1.0
VLS	HN	117	199	ES		1143	3.239	-0.69							1.0
SRN	HZ	117	312	EP		1142	7.142	-0.34							1.0
SRN	HE	117	312	ES		1143	4.203	0.24							1.0
SRN	HZ	117	312	IAML		1143	0.105			16	0.5				
KEK	HZ	121	300	EP		1142	7.806	-0.27							1.0
KEK	HE	121	300	ES		1143	5.042	0.01							1.0
KEK	HZ	121	300	IAML		1143	9.851			59	0.5				
NEST	HZ	137	1	EP		1142	0.720	-0.18							1.0
NEST	HE	137	1	ES		1143	0.055	-0.08							1.0
NEST	HZ	137	1	IAML		1143	5.601			21	1.7				
KZN	HZ	141	27	EP		1142	1.479	0.01							1.0
BERA	HZ	193	332	EP		1143	0.125	0.91							0.9
BERA	HN	193	332	ES		1143	5.429	0.24							0.9
BERA	HZ	193	332	IAML		1143	3.633			13	0.6				

August 7 2022 Hour: 12: 8 44.2 Lat: 39.18N Lon: 21.02E D: 9.8 Ag: TIR Local  
 Magnitudes: 2.3ML TIR 2.9MW TIR Rms: 0.5 secs

89 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	54	216	EP		1208	4.291	0.34							1.0
LKD2	HN	54	216	ES		1209	2.714	0.86							1.0
JAN	HZ	55	344	EP		1208	3.764	-0.43							1.0
JAN	HN	55	344	ES		1209	2.274	-0.01							1.0
IGT	HZ	71	304	EP		1208	6.156	-0.73							1.0
IGT	HE	71	304	ES		1209	6.875	-0.28							1.0
IGT	HZ	71	304	IAML		1209	8.209			57	0.2				
THL	HZ	96	63	EP		1209	1.405	0.50							1.0
THL	HE	96	63	ES		1209	4.451	0.00							1.0
LSK	HZ	114	341	EP		1209	3.996	-0.01							1.0
LSK	HN	114	341	ES		1209	1.243	1.20							1.0
LSK	HZ	114	341	IAML		1209	2.777			37	0.9				
VLS	HN	117	199	ES		1209	0.413	-0.67							1.0
SRN	HZ	117	312	EP		1209	3.991	-0.56							1.0
SRN	HE	117	312	ES		1209	1.989	0.95							1.0
SRN	HZ	117	312	IAML		1209	6.985			12	0.4				
VLS	HZ	117	199	EP		1209	4.656	0.08							1.0
KEK	HZ	121	300	EP		1209	5.013	-0.14							1.0
KEK	HE	121	300	ES		1209	1.480	-0.64							1.0
KEK	HZ	121	300	IAML		1209	6.399			50	0.5				
NEST	HZ	137	1	EP		1209	8.196	0.28							1.0
NEST	HN	137	1	ES		1209	6.760	-0.37							1.0
NEST	HZ	137	1	IAML		1209	5.107			18	0.6				
KZN	HZ	141	27	EP		1209	7.826	-0.65							1.0
BERA	HZ	192	332	EP		1209	6.377	0.11							0.9
BERA	HE	192	332	ES		1209	2.381	0.14							0.9
BERA	HZ	192	332	IAML		1209	0.560			12	0.4				

ITM HZ 236 160 EP 1209 1.837-0.01 0.9

**August 7 2022 Hour: 18:15 8.8 Lat: 41.23N Lon: 20.27E D: 8.1 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR Rms: 0.5 secs**

**6 km NW of Librazhd**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	36	292	EP		1815	5.049	-0.39							1.0
TIR	HN	36	292	ES		1815	1.375	0.57							1.0
TIR	HZ	36	292	IAML		1815	4.748			89	0.6				
PHP	HZ	53	16	EP		1815	8.071	-0.29							1.0
PHP	HN	53	16	ES		1815	6.857	0.76							1.0
PHP	HZ	53	16	IAML		1815	9.408			34	0.4				
BERA	HZ	64	205	EP		1815	9.721	-0.63							1.0
BERA	HN	64	205	ES		1815	9.883	0.18							1.0
BERA	HZ	64	205	IAML		1815	1.279			29	0.5				
KBN	HZ	80	147	EP		1815	2.923	-0.18							1.0
KBN	HN	80	147	ES		1815	4.758	0.07							1.0
KBN	HZ	80	147	IAML		1815	7.732			20	0.4				
PUK	HZ	96	341	EP		1815	5.498	-0.21							1.0
PUK	HE	96	341	ES		1815	9.202	-0.20							1.0
PUK	HZ	96	341	IAML		1815	2.406			36	0.3				
SDA	HZ	111	325	EP		1815	8.032	-0.24							1.0
SDA	HN	111	325	ES		1815	4.317	0.28							1.0
SDA	HZ	111	325	IAML		1815	5.944			25	0.1				
NEST	HZ	112	144	EP		1815	8.288	-0.11							1.0
NEST	HE	112	144	ES		1815	3.352	-0.92							1.0
NEST	HZ	112	144	IAML		1815	5.060			26	0.5				
LSK	HZ	123	167	EP		1815	1.161	0.92							1.0
LSK	HN	123	167	ES		1815	8.110	0.50							1.0
LSK	HZ	123	167	IAML		1815	8.145			20	0.6				
BCI	HZ	128	353	EP		1815	0.612	-0.38							1.0
BCI	HN	128	353	ES		1815	9.313	0.35							1.0
PENT	HZ	136	147	EP		1815	2.083	-0.38							1.0
PENT	HN	136	147	ES		1815	2.542	0.91							1.0
SRN	HZ	151	189	EP		1815	4.952	0.03							1.0
PDG	HZ	157	328	EP		1815	4.991	-0.96							0.9
PDG	HN	157	328	ES		1815	8.252	0.32							0.9
PDG	HZ	157	328	IAML		1816	0.689			21	0.3				

**August 8 2022 Hour: 1: 3 47.0 Lat: 41.24N Lon: 20.27E D: 4.5 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR Rms: 0.3 secs**

**6 km NW of Librazhd**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	36	290	EP		0103	3.594	0.00							1.0
TIR	HE	36	290	ES		0103	9.169	0.26							1.0
TIR	HZ	36	290	IAML		0104	0.406			40	0.2				
PHP	HZ	52	16	EP		0103	6.382	0.07							1.0
PHP	HN	52	16	ES		0104	4.039	0.22							1.0
PHP	HZ	52	16	IAML		0104	7.433			29	0.2				
BERA	HZ	65	205	EP		0103	8.610	-0.11							1.0
BERA	HN	65	205	ES		0104	8.021	-0.17							1.0
BERA	HZ	65	205	IAML		0104	9.339			24	0.1				
KBN	HZ	81	147	EP		0104	1.492	0.03							1.0
KBN	HN	81	147	ES		0104	3.314	0.17							1.0
KBN	HZ	81	147	IAML		0104	5.827			30	0.4				
PUK	HZ	95	341	EP		0104	3.859	-0.17							1.0
PUK	HE	95	341	ES		0104	7.924	0.13							1.0
PUK	HZ	95	341	IAML		0104	8.930			33	0.4				
SDA	HZ	111	325	EP		0104	6.392	-0.27							1.0
SDA	HN	111	325	ES		0104	2.774	0.21							1.0
SDA	HZ	111	325	IAML		0104	5.459			12	0.1				
NEST	HZ	112	144	EP		0104	6.902	-0.03							1.0
NEST	HZ	112	144	IAML		0104	3.422			34	0.5				
LSK	HZ	124	167	EP		0104	8.505	-0.34							1.0

LSK	HN	124	167	ES	0104	6.631	0.12								1.0
BCI	HZ	127	352	EP	0104	8.944	-0.36								1.0
BCI	HE	127	352	ES	0104	7.592	0.24								1.0
BCI	HZ	127	352	IAML	0104	7.684		38	0.4						
PENT	HZ	137	147	EP	0104	1.816	0.81								1.0
PENT	HN	137	147	ES	0104	0.671	0.24								1.0
SRN	HZ	152	189	EP	0104	3.093	-0.47								1.0
SRN	HE	152	189	ES	0104	5.416	0.37								1.0
SRN	HZ	152	189	IAML	0104	8.628		7	0.3						
PDG	HZ	157	328	EP	0104	3.627	-0.70								1.0
PDG	HN	157	328	ES	0104	6.698	0.26								1.0
PDG	HZ	157	328	IAML	0104	8.640		23	0.7						
KZN	HZ	163	129	EP	0104	4.768	-0.64								0.9
KEK	HZ	174	194	EP	0104	7.675	0.52								0.9
KEK	HZ	174	194	IAML	0104	1.738		16	0.7						
JAN	HZ	182	164	EP	0104	8.279	-0.21								0.9
IGT	HZ	189	178	EP	0104	9.121	-0.26								0.9
IGT	HZ	189	178	IAML	0104	2.420		13	0.7						

**August 8 2022 Hour: 13:45 35.6 Lat: 41.23N Lon: 20.27E D: 3.6 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR 2.9MW TIR Rms: 0.5 secs**  
**6 km NW of Librazhd**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	36	291	EP		1345	2.054	-0.13							1.0
TIR	HE	36	291	ES		1345	8.332	0.85							1.0
TIR	HZ	36	291	IAML		1345	1.631		78	0.6					
PHP	HZ	52	16	EP		1345	4.785	-0.21							1.0
PHP	HN	52	16	ES		1345	2.867	0.29							1.0
PHP	HZ	52	16	IAML		1345	6.971		37	0.5					
BERA	HZ	65	205	EP		1345	6.991	-0.23							1.0
BERA	HN	65	205	ES		1345	5.963	-0.64							1.0
BERA	HZ	65	205	IAML		1345	7.643		34	0.3					
KBN	HZ	80	147	EP		1345	0.193	0.20							1.0
KBN	HN	80	147	ES		1346	1.631	0.01							1.0
KBN	HZ	80	147	IAML		1346	4.273		39	1.1					
PUK	HZ	95	341	EP		1345	2.181	-0.52							1.0
PUK	HN	95	341	ES		1346	6.587	0.07							1.0
PUK	HZ	95	341	IAML		1346	7.478		24	0.2					
SDA	HZ	111	325	EP		1345	4.926	-0.45							1.0
SDA	HN	111	325	ES		1346	1.302	-0.07							1.0
SDA	HZ	111	325	IAML		1346	4.749		12	0.3					
NEST	HZ	112	144	EP		1345	5.282	-0.26							1.0
NEST	HN	112	144	ES		1346	0.447	-1.22							1.0
NEST	HZ	112	144	IAML		1346	4.914		35	0.5					
LSK	HZ	123	167	EP		1345	7.523	0.09							1.0
LSK	HN	123	167	ES		1346	4.628	-0.45							1.0
LSK	HZ	123	167	IAML		1346	5.047		29	0.5					
BCI	HZ	127	352	EP		1345	7.980	-0.07							1.0
BCI	HE	127	352	ES		1346	6.010	-0.20							1.0
BCI	HZ	127	352	IAML		1346	5.831		38	0.4					
PENT	HZ	136	147	EP		1346	0.027	0.41							1.0
PENT	HE	136	147	ES		1346	9.311	0.27							1.0
SRN	HZ	152	189	EP		1346	2.351	0.22							1.0
SRN	HE	152	189	ES		1346	3.752	0.16							1.0
SRN	HZ	152	189	IAML		1346	1.186		16	0.8					
PDG	HZ	157	328	EP		1346	2.221	-0.83							1.0
PDG	HN	157	328	ES		1346	5.432	0.18							1.0
PDG	HZ	157	328	IAML		1346	8.135		20	0.8					
KEK	HZ	173	194	EP		1346	5.876	0.14							0.9
KEK	HE	173	194	ES		1346	0.679	0.57							0.9
KEK	HZ	173	194	IAML		1346	6.179		20	0.7					
JAN	HZ	182	164	EP		1346	7.915	0.78							0.9
JAN	HE	182	164	ES		1346	3.482	0.84							0.9
IGT	HZ	189	178	EP		1346	7.477	-0.56							0.9

IGT	HE	189	178	ES	1346	3.974	-0.30								0.9
IGT	HZ	189	178	IAML	1346	7.426			9	0.7					
BARS	BZ	217	35	EP	1346	1.551	-0.18								0.9
BARS	BE	217	35	ES	1346	0.929	-0.03								0.9
BOSS	SZ	230	52	EP	1346	4.886	1.54								0.9
THL	HZ	237	141	EP	1346	4.342	0.16								0.9

**August 8 2022 Hour: 17:25 27.1 Lat: 41.24N Lon: 20.30E D: 12.3 Ag: TIR Local**  
**Magnitudes: 2.7ML TIR 3.2MW TIR Rms: 0.7 secs**  
**6 km N of Librazhd**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	38	289	EP		1725	3.554	-0.69							1.0
TIR	HN	38	289	ES		1725	9.874	-0.13							1.0
TIR	HZ	38	289	IAML		1725	3.292			264	0.4				
PHP	HZ	51	13	EP		1725	6.504	0.11							1.0
PHP	HN	51	13	ES		1725	5.247	1.35							1.0
PHP	HZ	51	13	IAML		1725	9.777			135	0.6				
BERA	HZ	66	206	EP		1725	7.969	-0.92							1.0
BERA	HN	66	206	ES		1725	7.890	-0.53							1.0
BERA	HZ	66	206	IAML		1725	9.291			116	0.3				
KBN	HZ	80	149	EP		1725	0.732	-0.44							1.0
KBN	HN	80	149	ES		1725	3.540	1.00							1.0
KBN	HZ	80	149	IAML		1725	8.595			107	0.5				
BPA2	HZ	80	226	EP		1725	1.801	0.58							1.0
PUK	HZ	96	339	EP		1725	3.697	-0.13							1.0
PUK	HE	96	339	ES		1725	8.004	0.66							1.0
PUK	HZ	96	339	IAML		1725	8.849			119	0.4				
VLO	HZ	109	219	EP		1725	6.431	0.43							1.0
VLO	HN	109	219	ES		1726	2.118	0.82							1.0
VLO	HZ	109	219	IAML		1726	6.254			180	0.3				
NEST	HZ	111	145	EP		1725	6.071	-0.36							1.0
NEST	HE	111	145	ES		1726	1.332	-0.74							1.0
NEST	HZ	111	145	IAML		1726	4.210			147	0.4				
SDA	HZ	112	324	EP		1725	5.789	-0.73							1.0
SDA	HN	112	324	ES		1726	2.239	0.02							1.0
SDA	HZ	112	324	IAML		1726	5.477			55	0.1				
LSK	HZ	123	168	EP		1725	8.419	-0.05							1.0
LSK	HN	123	168	ES		1726	6.503	0.74							1.0
LSK	HZ	123	168	IAML		1726	8.357			73	0.7				
BCI	HZ	127	351	EP		1725	8.642	-0.37							1.0
BCI	HE	127	351	ES		1726	6.991	0.26							1.0
BCI	HZ	127	351	IAML		1726	7.414			93	0.4				
PENT	HZ	136	148	EP		1725	1.031	0.50							1.0
PENT	HN	136	148	ES		1726	8.970	-0.51							1.0
SRN	HZ	153	190	EP		1725	3.493	0.18							1.0
SRN	HN	153	190	ES		1726	5.794	1.27							1.0
SRN	HZ	153	190	IAML		1726	2.900			29	0.6				
PDG	HZ	158	327	EP		1725	3.207	-0.96							0.9
PDG	HN	158	327	ES		1726	5.838	-0.23							0.9
PDG	HZ	158	327	IAML		1726	9.534			83	0.3				
KZN	HZ	162	129	EP		1725	4.958	0.12							0.9
KZN	HN	162	129	ES		1726	5.481	-1.81							0.9
KEK	HZ	175	194	EP		1725	6.009	-0.62							0.9
KEK	HN	175	194	ES		1726	0.248	-0.28							0.9
KEK	HZ	175	194	IAML		1726	8.986			43	0.9				
JAN	HZ	182	165	EP		1725	9.110	1.53							0.9
JAN	HN	182	165	ES		1726	2.244	-0.01							0.9
IGT	HZ	189	179	EP		1725	8.552	0.01							0.9
IGT	HE	189	179	ES		1726	4.996	1.02							0.9
IGT	HZ	189	179	IAML		1726	2.193			35	0.8				
SCTE	HZ	202	231	EP		1725	9.478	-0.63							0.9
SCTE	HN	202	231	ES		1726	6.036	-0.79							0.9
BARS	BZ	216	35	EP		1726	2.585	0.66							0.9
BOSS	SZ	228	51	EP		1726	3.531	0.03							0.9

BOSS SE 228 51 ES 1726 2.657-0.31 0.9  
 THL HZ 236 141 EP 1726 4.300-0.20 0.9

**August 8 2022 Hour: 18:20 15.8 Lat: 41.24N Lon: 20.29E D: 6.4 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR 2.5MW TIR Rms: 0.5 secs**

**6 km N of Librazhd**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	37	289	EP		1820	2.212	-0.38							1.0
TIR	HE	37	289	ES		1820	8.545	0.45							1.0
TIR	HZ	37	289	IAML		1820	1.814		58	0.5					
PHP	HZ	52	14	EP		1820	5.458	0.37							1.0
PHP	HN	52	14	ES		1820	3.530	0.93							1.0
PHP	HZ	52	14	IAML		1820	8.698		25	0.8					
BERA	HZ	66	206	EP		1820	7.229	-0.37							1.0
BERA	HN	66	206	ES		1820	6.570	-0.57							1.0
BERA	HZ	66	206	IAML		1820	6.997		25	0.2					
KBN	HZ	80	148	EP		1820	0.304	0.15							1.0
KBN	HE	80	148	ES		1820	1.683	-0.10							1.0
KBN	HZ	80	148	IAML		1820	5.691		17	0.2					
PUK	HZ	95	340	EP		1820	2.803	0.03							1.0
PUK	HE	95	340	ES		1820	6.830	0.32							1.0
PUK	HZ	95	340	IAML		1820	7.870		21	0.5					
SDA	HN	112	324	ES		1820	0.898	-0.41							1.0
NEST	HZ	112	145	EP		1820	5.346	-0.14							1.0
NEST	HE	112	145	ES		1820	0.114	-1.30							1.0
NEST	HZ	112	145	IAML		1820	2.985		21	0.4					
SDA	HZ	112	324	EP		1820	4.572	-0.85							1.0
SDA	HZ	112	324	IAML		1820	3.394		9	0.3					
LSK	HZ	123	168	EP		1820	7.740	0.29							1.0
LSK	HN	123	168	ES		1820	4.967	-0.02							1.0
LSK	HZ	123	168	IAML		1821	7.140		14	0.7					
BCI	HZ	127	352	EP		1820	7.034	-0.96							1.0
BCI	HN	127	352	ES		1820	6.223	0.26							1.0
BCI	HZ	127	352	IAML		1821	6.170		17	0.4					
PENT	HZ	136	148	EP		1820	9.728	0.16							1.0
PENT	HN	136	148	ES		1820	9.063	0.25							1.0
SRN	HZ	153	189	EP		1820	2.571	0.34							1.0
SRN	HE	153	189	ES		1821	4.460	0.83							1.0
SRN	HZ	153	189	IAML		1821	1.168		9	0.8					
PDG	HZ	158	328	EP		1820	2.346	-0.74							0.9
PDG	HN	158	328	ES		1821	4.979	-0.19							0.9
PDG	HZ	158	328	IAML		1821	8.517		13	0.2					
KZN	HZ	162	129	EP		1820	3.939	0.01							0.9
KEK	HZ	174	194	EP		1820	6.108	0.26							0.9
KEK	HN	174	194	ES		1821	0.500	0.32							0.9
KEK	HZ	174	194	IAML		1821	1.717		14	0.6					
IGT	HZ	189	179	EP		1820	7.949	0.04							0.9
IGT	HN	189	179	ES		1821	3.920	0.01							0.9
IGT	HZ	189	179	IAML	A	1821	0.707		10	0.9					
IGT	HZ	189	179	IAML		1821	1.086		10	0.8					
SCTE	HZ	201	231	EP		1820	0.555	1.16							0.9
THL	HZ	237	141	EP		1820	4.058	0.10							0.9

**August 8 2022 Hour: 22:12 52.0 Lat: 41.25N Lon: 20.31E D: 3.3 Ag: TIR Local**  
**Magnitudes: 2.5ML TIR 3.2MW TIR Rms: 0.8 secs**

**7 km N of Librazhd**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	39	287	EP		2212	9.202	0.22							1.0
TIR	HN	39	287	ES		2213	4.929	0.29							1.0
TIR	HZ	39	287	IAML		2213	8.623		192	0.6					
PHP	HZ	50	13	EP		2213	1.788	0.90							1.0
PHP	HN	50	13	ES		2213	8.582	0.49							1.0
PHP	HZ	50	13	IAML		2213	5.414		78	0.5					
BERA	HZ	68	207	EP		2213	3.731	-0.40							1.0

BERA	HE	68	207	ES	2213	2.069	-1.88										1.0
BERA	HZ	68	207	IAML	2213	4.832			72	0.3							
KBN	HZ	80	150	EP	2213	6.458	0.13										1.0
KBN	HN	80	150	ES	2213	8.073	0.14										1.0
KBN	HZ	80	150	IAML	2213	1.125			68	0.3							
BPA2	HZ	82	226	EP	2213	6.262	-0.37										1.0
PUK	HZ	95	339	EP	2213	9.129	0.18										1.0
PUK	HN	95	339	ES	2213	2.728	0.05										1.0
PUK	HZ	95	339	IAML	2213	4.256			68	0.4							
PUK	HN	95	339	IAML	2213	4.696			160	0.3							
VLO	HZ	111	219	EP	2213	1.906	0.27										1.0
VLO	HN	111	219	ES	2213	7.641	0.10										1.0
VLO	HZ	111	219	IAML	2213	5.127			61	0.4							
NEST	HZ	112	146	EP	2213	1.906	0.05										1.0
SDA	HN	112	323	ES	2213	7.686	-0.20										1.0
NEST	HN	112	146	ES	2213	7.828	-0.12										1.0
NEST	HZ	112	146	IAML	2213	4.544			63	0.7							
SDA	HZ	112	323	EP	2213	1.471	-0.35										1.0
SDA	HZ	112	323	IAML	2213	1.019			24	0.3							
LSK	HZ	124	169	EP	2213	4.222	0.23										1.0
LSK	HN	124	169	ES	2213	1.674	-0.13										1.0
LSK	HZ	124	169	IAML	2213	1.967			55	0.6							
BCI	HZ	126	351	EP	2213	4.360	0.16										1.0
BCI	HE	126	351	ES	2213	1.674	-0.51										1.0
BCI	HZ	126	351	IAML	2213	2.862			89	0.4							
PENT	HZ	136	149	EP	2213	6.348	0.38										1.0
PENT	HN	136	149	ES	2213	6.149	0.77										1.0
SRN	HZ	154	190	EP	2213	9.432	0.53										1.0
SRN	HN	154	190	ES	2213	1.626	0.93										1.0
SRN	HZ	154	190	IAML	2213	6.665			22	0.9							
PDG	HZ	158	327	EP	2213	8.474	-0.98										0.9
PDG	HN	158	327	ES	2213	1.631	-0.07										0.9
PDG	HZ	158	327	IAML	2213	3.450			40	0.4							
KZN	HZ	162	130	EP	2213	0.479	0.29										0.9
KZN	HN	162	130	ES	2213	0.404	-2.62										0.9
KEK	HZ	176	194	EP	2213	2.493	-0.05										0.9
KEK	HZ	176	194	IAML	2213	7.996			29	0.9							
JAN	HZ	183	165	EP	2213	5.036	1.37										0.9
JAN	HE	183	165	ES	2213	0.684	1.37										0.9
IGT	HZ	191	179	EP	2213	4.401	-0.25										0.9
IGT	HZ	191	179	IAML	2213	7.784			21	0.8							
THE	HZ	234	106	EP	2213	8.216	-1.94										0.9
THL	HZ	236	142	EP	2213	1.501	1.00										0.9

August 9 2022 Hour: 2:42 38.7 Lat: 38.83N Lon: 20.99E D: 1.8 Ag: TIR Local  
Magnitudes: 2.3ML TIR 3.1MW TIR Rms: 0.9 secs

115 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	29	262	EP		0242	4.273	0.44							1.0
LKD2	HN	29	262	ES		0242	8.943	0.93							1.0
VLS	HZ	80	206	EP		0242	1.785	-1.14							1.0
VLS	HE	80	206	ES		0243	3.333	-1.13							1.0
JAN	HZ	93	353	EP		0242	5.058	-0.25							1.0
JAN	HN	93	353	ES		0243	9.042	0.26							1.0
IGT	HZ	97	325	EP		0242	5.336	-0.62							1.0
IGT	HN	97	325	ES		0243	0.146	0.19							1.0
IGT	HZ	97	325	IAML		0243	9.482			18	0.5				
THL	HZ	121	47	EP		0243	0.020	-0.13							1.0
THL	HE	121	47	ES		0243	6.454	-1.09							1.0
KEK	HZ	142	314	EP		0243	3.321	-0.37							1.0
KEK	HE	142	314	ES		0243	3.742	-0.21							1.0
KEK	HZ	142	314	IAML		0243	9.946			25	0.7				
SRN	HZ	145	324	EP		0243	4.405	0.31							1.0
SRN	HE	145	324	ES		0243	4.741	0.07							1.0



SRN	HZ	145	324	IAML	0243	4.565			11	1.0				
LSK	HZ	151	347	EP	0243	5.667	0.49							1.0
LSK	HN	151	347	ES	0243	6.861	0.22							1.0
LSK	HZ	151	347	IAML	0243	6.865			25	1.1				
PENT	HZ	153	5	EP	0243	5.509	-0.00							1.0
PENT	HN	153	5	ES	0243	8.190	0.95							1.0
NEST	HZ	177	2	EP	0243	0.108	0.63							0.9
NEST	HN	177	2	ES	0243	4.362	-0.06							0.9
NEST	HZ	177	2	IAML	0243	5.226			14	0.6				
KZN	HZ	178	22	EP	0243	9.679	0.01							0.9
KBN	HZ	200	355	EP	0243	3.342	0.49							0.9
KBN	HZ	200	355	IAML	0243	4.842			8	1.9				
ITM	HZ	200	155	EP	0243	2.993	0.19							0.9
ITM	HE	200	155	ES	0243	2.212	1.76							0.9
BERA	HZ	227	337	EP	0243	7.324	1.20							0.9
BERA	HN	227	337	ES	0243	3.396	-3.05							0.9
BERA	HZ	227	337	IAML	0244	9.875			8	0.9				
BCI	HZ	401	349	EP	0243	8.706	0.19							0.7
BCI	HZ	401	349	IAML	0244	0.660			7	1.4				

**August 9 2022 Hour: 4:55 57.8 Lat: 42.53N Lon: 18.74E D: 11.5 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR 2.5MW TIR Rms: 0.5 secs**

**67 km NW of Koplík**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PDG	HZ	44	105	EP		0456	5.445	-0.49							1.0
PDG	HN	44	105	ES		0456	2.263	-0.24							1.0
PDG	HZ	44	105	IAML		0456	3.898			73	0.3				
SDA	HZ	83	130	EP		0456	2.606	0.32							1.0
SDA	HN	83	130	ES		0456	3.928	-0.09							1.0
SDA	HZ	83	130	IAML		0456	1.152			22	1.1				
PUK	HZ	110	119	EP		0456	6.487	-0.37							1.0
PUK	HN	110	119	ES		0456	2.533	0.25							1.0
PUK	HZ	110	119	IAML		0456	5.681			28	0.4				
BCI	HZ	111	99	EP		0456	7.242	0.21							1.0
BCI	HN	111	99	ES		0456	3.002	0.40							1.0
BCI	HZ	111	99	IAML		0456	5.142			43	0.4				
TIR	HZ	161	144	EP		0456	5.338	-0.10							0.9
TIR	HN	161	144	ES		0456	7.641	-0.17							0.9
TIR	HZ	161	144	IAML		0456	9.987			11	1.1				
PHP	HZ	169	123	EP		0456	6.996	0.20							0.9
PHP	HN	169	123	ES		0456	0.729	0.46							0.9
PHP	HZ	169	123	IAML		0456	4.933			7	0.4				
BERA	HZ	227	153	EP		0456	4.785	0.68							0.9
BERA	HZ	227	153	IAML		0457	4.347			9	0.7				
BARS	BZ	254	82	EP		0456	8.544	0.92							0.9
BARS	BN	254	82	ES		0457	9.062	-0.81							0.9
NEST	HZ	304	140	EP		0456	2.756	-1.38							0.8

**August 9 2022 Hour: 9:3 50.7 Lat: 40.02N Lon: 20.65E D: 4.9 Ag: TIR Local**  
**Magnitudes: 2.8ML TIR 3.2MW TIR Rms: 0.4 secs**

**33 km E of Libohove**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	15	343	EP		0903	3.715	0.05							1.0
LSK	HN	15	343	ES		0903	6.004	-0.02							1.0
LSK	HZ	15	343	IAML		0904	0.136			2934	0.6				
JAN	HZ	44	157	EP		0903	8.557	-0.05							1.0
JAN	HN	44	157	ES		0904	4.791	-0.18							1.0
PENT	HZ	46	65	EP		0903	9.650	0.64							1.0
PENT	HN	46	65	ES		0904	6.327	0.63							1.0
NEST	HZ	55	37	EP		0904	1.108	0.41							1.0
NEST	HN	55	37	ES		0904	8.934	0.18							1.0
NEST	HZ	55	37	IAML		0904	0.966			424	0.3				
SRN	HZ	58	255	EP		0904	1.113	0.01							1.0
SRN	HN	58	255	ES		0904	9.386	-0.11							1.0

SRN	HZ	58	255	IAML	0904	1.860			311	0.3				
IGT	HZ	61	207	EP	0904	0.900-0.70								1.0
IGT	HN	61	207	ES	0904	0.490 0.09								1.0
IGT	HZ	61	207	IAML	0904	7.404			259	0.3				
KBN	HZ	68	10	EP	0904	3.157 0.21								1.0
KBN	HE	68	10	ES	0904	1.824-1.01								1.0
KBN	HZ	68	10	IAML	0904	9.103			165	0.4				
KEK	HZ	81	245	EP	0904	4.646-0.51								1.0
KEK	HE	81	245	ES	0904	6.604-0.23								1.0
KEK	HZ	81	245	IAML	0904	0.535			323	0.4				
KZN	HZ	101	71	EP	0904	8.616-0.03								1.0
KZN	HN	101	71	ES	0904	2.532-0.62								1.0
VLO	HZ	110	297	EP	0904	0.314 0.07								1.0
VLO	HE	110	297	ES	0904	6.535 0.50								1.0
VLO	HZ	110	297	IAML	0904	2.926			248	0.2				
THL	HZ	127	113	EP	0904	2.664-0.37								1.0
THL	HE	127	113	ES	0904	0.586-0.50								1.0
LKD2	HZ	137	180	EP	0904	5.312 0.68								1.0
LKD2	HN	137	180	ES	0904	4.560 0.58								1.0
PHP	HZ	186	355	EP	0904	3.062 0.42								0.9
PHP	HZ	186	355	IAML	0904	0.525			31	0.6				
PUK	HZ	234	344	EP	0904	9.442 0.64								0.9
PUK	HE	234	344	ES	0904	9.521-0.10								0.9
PUK	HZ	234	344	IAML	0905	6.280			19	0.4				
SDA	HZ	245	337	EP	0904	0.379 0.17								0.9
SDA	HZ	245	337	IAML	0905	9.999			20	0.6				
BCI	HZ	265	350	EP	0904	2.522-0.29								0.9
BCI	HN	265	350	ES	0905	6.372-0.51								0.9

**August 9 2022 Hour: 11:55 9.2 Lat: 38.52N Lon: 20.50E D: 8.7 Ag: TIR Local**  
**Magnitudes: 2.6ML TIR 3.0MW TIR Rms: 0.5 secs**  
**129 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	33	25	EP		1155	5.197-0.07								1.0
LKD2	HE	33	25	ES		1155	9.875-0.33								1.0
VLS	HZ	39	168	EP		1155	6.252-0.08								1.0
VLS	HN	39	168	ES		1155	1.797-0.33								1.0
IGT	HZ	113	353	EP		1155	9.388 0.48								1.0
IGT	HE	113	353	ES		1155	5.182 0.29								1.0
IGT	HZ	113	353	IAML		1155	8.208			63	0.3				
JAN	HZ	130	14	EP		1155	2.274 0.59								1.0
JAN	HN	130	14	ES		1155	0.226 0.31								1.0
KEK	HZ	145	336	EP		1155	3.802-0.48								1.0
KEK	HN	145	336	ES		1155	4.560-0.05								1.0
KEK	HZ	145	336	IAML		1156	9.998			40	0.3				
SRN	HZ	157	344	EP		1155	5.806-0.35								1.0
SRN	HN	157	344	ES		1155	7.885-0.14								1.0
SRN	HZ	157	344	IAML		1156	4.621			15	0.4				
THL	HZ	175	48	EP		1155	9.244 0.09								0.9
THL	HE	175	48	ES		1156	3.244-0.20								0.9
LSK	HZ	181	3	EP		1155	0.725 0.71								0.9
LSK	HE	181	3	ES		1156	3.928-1.07								0.9
LSK	HZ	181	3	IAML		1156	9.441			36	0.5				
ITM	HZ	195	139	EP		1155	2.650 0.92								0.9
ITM	HN	195	139	ES		1156	7.767-0.34								0.9
NEST	HZ	216	13	EP		1155	4.501 0.05								0.9
NEST	HZ	216	13	IAML		1156	6.770			15	0.8				

**August 9 2022 Hour: 12: 2 0.9 Lat: 42.16N Lon: 19.68E D: 20.1 Ag: TIR Local**  
**Magnitudes: 2.5ML TIR Rms: 0.3 secs**  
**16 km N of Vau-Dejes**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SDA	HZ	19	232	EP		1202	5.841	0.11							1.0
SDA	HN	19	232	ES		1202	9.660	0.04							1.0
SDA	HZ	19	232	IAML		1202	0.075			883	0.1				
PUK	HZ	22	126	EP		1202	6.442	0.27							1.0
PUK	HN	22	126	ES		1202	0.322	-0.08							1.0
PUK	HZ	22	126	IAML		1202	1.626			520	0.2				
BCI	HZ	40	54	EP		1202	8.705	0.04							1.0
BCI	HN	40	54	ES		1202	4.966	0.05							1.0
BCI	HZ	40	54	IAML		1202	9.536			112	0.5				
PDG	HZ	46	311	EP		1202	9.478	-0.14							1.0
PDG	HN	46	311	ES		1202	6.394	-0.25							1.0
PDG	HZ	46	311	IAML		1202	6.976			306	0.3				
PHP	HZ	82	129	EP		1202	5.439	-0.05							1.0
PHP	HN	82	129	ES		1202	6.963	-0.31							1.0
PHP	HZ	82	129	IAML		1202	9.526			32	0.2				
NEST	HZ	225	149	EP		1202	7.103	0.95							0.9
NEST	HN	225	149	ES		1203	4.109	-0.57							0.9
NEST	HZ	225	149	IAML		1203	6.643			6	0.3				

**August 9 2022 Hour: 12: 5 16.0 Lat: 42.15N Lon: 19.67E D: 24.9 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.2 secs**  
**15 km NE of Shkoder**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SDA	HZ	18	231	EP		1205	1.440	0.24							1.0
SDA	HE	18	231	ES		1205	5.225	-0.20							1.0
SDA	HZ	18	231	IAML		1205	5.697			95	0.1				
PUK	HZ	22	122	EP		1205	2.184	0.35							1.0
PUK	HN	22	122	ES		1205	6.502	-0.06							1.0
PUK	HZ	22	122	IAML		1205	7.305			87	0.2				
BCI	HZ	41	54	EP		1205	4.150	-0.11							1.0
BCI	HN	41	54	ES		1205	0.967	0.00							1.0
BCI	HZ	41	54	IAML		1205	1.667			25	0.2				
PDG	HZ	46	313	EP		1205	5.006	0.13							1.0
PDG	HN	46	313	ES		1205	1.983	-0.10							1.0
PDG	HZ	46	313	IAML		1205	2.540			46	0.3				
PHP	HZ	83	128	EP		1205	0.348	-0.30							1.0
PHP	HN	83	128	ES		1205	2.569	0.05							1.0
PHP	HZ	83	128	IAML		1205	5.221			5	0.3				

**August 10 2022 Hour: 2:50 51.4 Lat: 40.02N Lon: 20.65E D: 9.1 Ag: TIR Local**  
**Magnitudes: 3.1ML TIR 3.4MW TIR Rms: 0.7 secs**  
**32 km E of Libohove**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	16	344	EP		0250	4.460	-0.28							1.0
LSK	HN	16	344	ES		0250	7.077	-0.34							1.0
LSK	HZ	16	344	IAML		0251	0.616			7625	0.6				
JAN	HZ	43	157	EP		0250	9.048	-0.35							1.0
JAN	HE	43	157	ES		0251	6.557	0.72							1.0
PENT	HZ	46	64	EP		0251	0.295	0.40							1.0
PENT	HN	46	64	ES		0251	7.568	0.84							1.0
NEST	HZ	56	37	EP		0251	2.006	0.43							1.0
NEST	HN	56	37	ES		0251	0.054	0.28							1.0
NEST	HZ	56	37	IAML		0251	1.570			841	0.3				
SRN	HZ	58	255	EP		0251	1.634	-0.22							1.0
SRN	HN	58	255	ES		0251	0.633	0.36							1.0
SRN	HZ	58	255	IAML		0251	1.289			433	0.2				
IGT	HZ	60	207	EP		0251	1.458	-0.87							1.0
IGT	HN	60	207	ES		0251	2.368	1.23							1.0
IGT	HZ	60	207	IAML		0251	4.478			567	0.3				

KBN	HZ	68	10	EP	0251	3.294	-0.44										1.0
KBN	HE	68	10	ES	0251	2.833	-0.86										1.0
KBN	HZ	68	10	IAML	0251	9.529			381	0.8							
KEK	HZ	80	245	EP	0251	5.133	-0.53										1.0
KEK	HE	80	245	ES	0251	7.885	0.70										1.0
KEK	HZ	80	245	IAML	0251	1.442			509	0.7							
BERA	HZ	97	322	EP	0251	6.618	-1.78										1.0
BERA	HE	97	322	ES	0251	2.254	0.12										1.0
BERA	HZ	97	322	IAML	0251	8.353			311	0.3							
KZN	HZ	101	71	EP	0251	9.150	0.02										1.0
KZN	HE	101	71	ES	0251	3.219	-0.23										1.0
VLO	HZ	110	297	EP	0251	0.678	0.01										1.0
VLO	HE	110	297	ES	0251	7.366	1.12										1.0
VLO	HZ	110	297	IAML	0251	9.748			743	0.6							
BPA2	HZ	118	312	EP	0251	1.474	-0.49										1.0
THL	HZ	127	113	EP	0251	2.573	-0.90										1.0
THL	HN	127	113	ES	0251	1.991	0.68										1.0
LKD2	HZ	136	180	EP	0251	4.610	-0.41										1.0
LKD2	HE	136	180	ES	0251	4.564	0.46										1.0
TIR	HZ	162	336	EP	0251	9.321	0.02										0.9
TIR	HN	162	336	ES	0251	2.327	0.47										0.9
TIR	HZ	162	336	IAML	0251	9.817			88	0.9							
PHP	HZ	186	355	EP	0251	2.790	-0.07										0.9
SCTE	HZ	186	273	EP	0251	1.741	-1.09										0.9
PHP	HN	186	355	ES	0251	9.502	1.20										0.9
PHP	HZ	186	355	IAML	0251	1.233			89	1.3							
SCTE	HN	186	273	ES	0251	7.330	-0.91										0.9
VLS	HZ	204	181	EP	0251	4.291	-0.85										0.9
VLS	HN	204	181	ES	0251	2.549	0.11										0.9
THE	HZ	208	70	EP	0251	5.676	0.05										0.9
THE	HN	208	70	ES	0251	4.000	0.69										0.9
THE	HZ	208	70	IAML	0251	5.762			14	0.6							
PUK	HZ	234	344	EP	0251	9.844	0.83										0.9
PUK	HE	234	344	ES	0252	0.382	0.94										0.9
PUK	HZ	234	344	IAML	0252	7.907			38	1.0							
PLG	HZ	241	80	EP	0251	0.266	0.36										0.9
PLG	HE	241	80	ES	0251	9.791	-1.27										0.9
SDA	HZ	246	337	EP	0251	0.684	0.26										0.9
SDA	HE	246	337	ES	0252	2.432	0.45										0.9
SDA	HZ	246	337	IAML	0252	0.200			39	1.0							
BCI	HZ	266	350	EP	0251	4.423	1.40										0.9
BCI	HE	266	350	ES	0252	7.760	1.05										0.9
BCI	HZ	266	350	IAML	0252	1.295			75	0.7							
PDG	HZ	292	337	EP	0251	6.213	-0.18										0.8
PDG	HE	292	337	ES	0252	2.104	-0.69										0.8
PDG	HZ	292	337	IAML	0252	4.520			27	0.6							
NVR	HZ	309	60	EP	0251	7.966	-0.70										0.8
BOSS	SZ	315	28	EP	0251	8.474	-0.88										0.8
BARS	BZ	326	17	EP	0251	0.067	-0.68										0.8
ITM	HZ	334	160	EP	0251	1.351	-0.43										0.8

**August 10 2022 Hour: 5:41 40.9 Lat: 38.77N Lon: 20.99E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.6ML TIR 3.3MW TIR Rms: 0.6 secs**  
**120 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	29	275	EP		0541	6.502	0.11							1.0
LKD2	HN	29	275	ES		0541	1.519	0.68							1.0
VLS	HZ	74	208	EP		0541	3.770	-0.21							1.0
VLS	HE	74	208	ES		0542	4.740	0.16							1.0
JAN	HZ	99	353	EP		0541	7.987	-0.17							1.0
JAN	HN	99	353	ES		0542	2.040	-0.11							1.0
IGT	HZ	102	327	EP		0541	7.565	-1.01							1.0
IGT	HN	102	327	ES		0542	3.124	0.22							1.0
IGT	HZ	102	327	IAML		0542	8.352			39	0.5				

THL	HZ	125	45	EP	0542	1.374	-1.11										1.0
THL	HE	125	45	ES	0542	0.550	0.57										1.0
KEK	HZ	147	316	EP	0542	4.675	-1.35										1.0
KEK	HN	147	316	ES	0542	6.009	-0.38										1.0
KEK	HZ	147	316	IAML	0542	7.656			54	0.6							
SRN	HZ	150	326	EP	0542	6.914	0.37										1.0
SRN	HN	150	326	ES	0542	7.456	0.13										1.0
SRN	HZ	150	326	IAML	0542	3.394			18	0.4							
LSK	HZ	157	348	EP	0542	8.355	0.56										1.0
LSK	HN	157	348	ES	0542	8.997	-0.59										1.0
LSK	HZ	157	348	IAML	0542	9.899			59	0.6							
PENT	HZ	159	5	EP	0542	8.472	0.32										0.9
PENT	HN	159	5	ES	0542	0.801	0.56										0.9
NEST	HZ	183	2	EP	0542	2.493	0.82										0.9
NEST	HE	183	2	ES	0542	6.914	0.30										0.9
NEST	HZ	183	2	IAML	0542	9.533			25	0.7							
BERA	HZ	232	338	EP	0542	8.243	0.34										0.9

**August 10 2022 Hour: 13:46 35.2 Lat: 38.79N Lon: 20.91E D: 15.0F Ag: TIR Local**  
**Magnitudes: 2.3ML TIR Rms: 0.6 secs**  
**115 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	22	270	EP		1346	9.636	-0.19							1.0
LKD2	HN	22	270	ES		1346	3.181	-0.41							1.0
VLS	HZ	73	202	EP		1346	7.377	-0.78							1.0
VLS	HN	73	202	ES		1346	8.728	0.06							1.0
IGT	HZ	96	329	EP		1346	1.036	-0.93							1.0
IGT	HE	96	329	ES		1347	5.817	0.25							1.0
IGT	HZ	96	329	IAML		1347	4.739		18	0.6					
JAN	HZ	96	357	EP		1346	1.138	-0.88							1.0
JAN	HE	96	357	ES		1347	5.551	-0.10							1.0
THL	HZ	129	48	EP		1346	6.685	-0.70							1.0
KEK	HZ	140	317	EP		1346	9.521	0.24							1.0
KEK	HN	140	317	ES		1347	9.139	0.34							1.0
KEK	HZ	140	317	IAML		1347	2.083		31	0.5					
SRN	HZ	144	328	EP		1346	9.763	-0.15							1.0
SRN	HN	144	328	ES		1347	0.850	0.91							1.0
SRN	HZ	144	328	IAML		1347	0.805		12	0.7					
LSK	HZ	153	350	EP		1347	1.373	-0.12							1.0
LSK	HN	153	350	ES		1347	3.626	0.83							1.0
LSK	HZ	153	350	IAML		1347	2.122		20	0.8					
NEST	HZ	181	4	EP		1347	5.059	-0.26							0.9
NEST	HN	181	4	ES		1347	0.375	0.65							0.9
NEST	HZ	181	4	IAML		1347	7.445		14	0.5					
KZN	HE	184	24	ES		1347	0.373	-0.08							0.9
ITM	HZ	200	153	EP		1347	9.053	1.38							0.9
ITM	HN	200	153	ES		1347	5.056	1.06							0.9
PLG	HZ	280	50	EP		1347	7.216	-0.77							0.8

**August 10 2022 Hour: 17:47 10.8 Lat: 38.83N Lon: 20.97E D: 0.9 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR Rms: 0.6 secs**  
**114 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	28	262	EP		1747	5.701	-0.06							1.0
LKD2	HE	28	262	ES		1747	9.553	-0.21							1.0
VLS	HZ	79	205	EP		1747	4.648	-0.35							1.0
VLS	HN	79	205	ES		1747	6.641	0.16							1.0
JAN	HZ	93	354	EP		1747	6.760	-0.64							1.0
JAN	HN	93	354	ES		1747	1.808	0.98							1.0
IGT	HZ	96	325	EP		1747	7.342	-0.62							1.0
IGT	HE	96	325	ES		1747	2.451	0.61							1.0
IGT	HZ	96	325	IAML		1747	7.291		20	1.0					
THL	HZ	122	47	EP		1747	1.663	-0.82							1.0
THL	HE	122	47	ES		1747	9.416	-0.61							1.0

KEK	HZ	141	315	EP	1747	5.745	0.01								1.0
KEK	HN	141	315	ES	1747	5.870	-0.04								1.0
KEK	HZ	141	315	IAML	1747	7.862			23	0.6					
SRN	HZ	144	325	EP	1747	6.265	0.11								1.0
SRN	HN	144	325	ES	1747	6.236	-0.44								1.0
SRN	HZ	144	325	IAML	1748	2.166			8	0.4					
LSK	HZ	150	348	EP	1747	7.472	0.16								1.0
LSK	HN	150	348	ES	1747	8.287	-0.48								1.0
LSK	HZ	150	348	IAML	1748	9.161			26	0.6					
PENT	HZ	153	5	EP	1747	7.149	-0.56								1.0
PENT	HE	153	5	ES	1747	9.956	0.47								1.0
NEST	HZ	177	2	EP	1747	2.590	0.93								0.9
NEST	HN	177	2	ES	1748	6.099	-0.54								0.9
NEST	HZ	177	2	IAML	1748	2.233			9	0.9					
KZN	HZ	178	22	EP	1747	3.327	1.40								0.9
ITM	HZ	201	155	EP	1747	5.519	0.38								0.9
ITM	HN	201	155	ES	1748	3.320	0.39								0.9

**August 11 2022 Hour: 10:37 39.8 Lat: 41.22N Lon: 19.99E D: 20.4 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR 2.7MW TIR Rms: 0.6 secs**

**13 km NW of Elbasan**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	18	324	EP		1037	4.263	-0.23							1.0
TIR	HZ	18	324	IAML		1037	8.042			510	0.5				
TIR	HN	18	324	ES		1037	8.145	-0.16							1.0
BERA	HZ	57	183	EP		1037	9.346	-0.94							1.0
BERA	HE	57	183	ES		1037	7.606	-1.18							1.0
BERA	HZ	57	183	IAML		1037	7.958			119	0.2				
PHP	HZ	64	36	EP		1037	0.801	-0.62							1.0
PHP	HN	64	36	ES		1038	1.016	0.18							1.0
PHP	HZ	64	36	IAML		1038	4.436			35	0.4				
PUK	HZ	92	355	EP		1037	5.884	-0.11							1.0
PUK	HN	92	355	ES		1038	9.469	0.35							1.0
PUK	HZ	92	355	IAML		1038	2.194			19	0.2				
VLO	HZ	93	207	EP		1037	7.087	0.96							1.0
VLO	HN	93	207	ES		1038	0.294	0.94							1.0
VLO	HZ	93	207	IAML		1038	4.676			99	0.1				
SDA	HZ	101	336	EP		1037	7.741	0.31							1.0
SDA	HE	101	336	ES		1038	1.745	0.03							1.0
SDA	HZ	101	336	IAML		1038	4.282			15	0.4				
NEST	HZ	126	135	EP		1038	1.783	0.23							1.0
NEST	HN	126	135	ES		1038	8.814	-0.36							1.0
NEST	HZ	126	135	IAML		1038	3.415			21	0.4				
BCI	HZ	128	3	EP		1038	2.819	1.09							1.0
BCI	HN	128	3	ES		1038	9.592	0.10							1.0
BCI	HZ	128	3	IAML		1038	4.620			29	0.4				
LSK	HZ	129	156	EP		1038	2.121	0.10							1.0
LSK	HN	129	156	ES		1038	0.108	0.09							1.0
LSK	HZ	129	156	IAML		1038	6.634			13	0.7				
PDG	HZ	148	336	EP		1038	4.555	-0.26							1.0
PDG	HE	148	336	ES		1038	3.984	-1.09							1.0
PDG	HZ	148	336	IAML		1038	7.546			20	0.3				
PENT	HZ	149	139	EP		1038	5.749	0.56							1.0
SRN	HZ	149	180	EP		1038	6.141	1.17							1.0
SRN	HE	149	180	ES		1038	5.353	-0.02							1.0
SRN	HZ	149	180	IAML		1038	9.850			19	0.5				
KEK	HZ	168	186	EP		1038	7.778	0.19							0.9
KEK	HE	168	186	ES		1038	9.816	-0.28							0.9
KEK	HZ	168	186	IAML		1038	5.115			20	0.3				
SCTE	HZ	181	226	EP		1038	8.751	-0.50							0.9
IGT	HZ	189	171	EP		1038	9.986	-0.36							0.9
IGT	HE	189	171	ES		1038	4.838	-0.26							0.9
IGT	HZ	189	171	IAML		1038	1.314			8	0.3				

August 12 2022 Hour: 14:31 4.3 Lat: 41.11N Lon: 20.03E D: 21.8 Ag: TIR Local  
 Magnitudes: 2.2ML TIR 2.6MW TIR Rms: 0.6 secs  
 4 km W of Elbasan

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	30	332	EP		1431	0.792	0.15							1.0
TIR	HN	30	332	ES		1431	6.025	0.24							1.0
TIR	HZ	30	332	IAML		1431	9.219			44	0.3				
BERA	HZ	46	188	EP		1431	2.358	-0.70							1.0
BERA	HE	46	188	ES		1431	9.822	-0.34							1.0
BERA	HZ	46	188	IAML		1431	0.208			131	0.2				
PHP	HZ	72	28	EP		1431	6.293	-1.01							1.0
PHP	HN	72	28	ES		1431	7.154	-0.69							1.0
PHP	HZ	72	28	IAML		1431	0.382			23	0.6				
KBN	HZ	84	130	EP		1431	9.290	0.09							1.0
KBN	HE	84	130	ES		1431	1.447	0.17							1.0
VLO	HZ	84	212	EP		1431	9.717	0.48							1.0
VLO	HN	84	212	ES		1431	1.815	0.46							1.0
VLO	HZ	84	212	IAML		1431	6.768			66	0.4				
PUK	HZ	104	354	EP		1431	1.947	-0.49							1.0
PUK	HN	104	354	ES		1431	7.055	-0.09							1.0
PUK	HZ	104	354	IAML		1431	2.551			12	0.3				
SDA	HZ	113	337	EP		1431	4.367	0.56							1.0
SDA	HN	113	337	ES		1431	0.313	0.70							1.0
SDA	HZ	113	337	IAML		1431	3.153			7	0.2				
NEST	HZ	116	132	EP		1431	4.265	-0.06							1.0
NEST	HN	116	132	ES		1431	0.573	0.02							1.0
NEST	HZ	116	132	IAML		1431	3.931			57	0.3				
LSK	HZ	117	156	EP		1431	5.477	0.94							1.0
LSK	HN	117	156	ES		1431	2.300	1.36							1.0
LSK	HZ	117	156	IAML		1431	0.121			23	0.6				
SRN	HZ	137	181	EP		1431	7.900	0.36							1.0
SRN	HN	137	181	ES		1431	6.320	-0.06							1.0
SRN	HZ	137	181	IAML		1431	0.101			18	0.6				
BCI	HZ	139	1	EP		1431	8.306	0.32							1.0
BCI	HN	139	1	ES		1431	7.904	0.73							1.0
BCI	HZ	139	1	IAML		1431	2.852			28	0.5				
KEK	HZ	157	187	EP		1431	9.580	-0.90							1.0
KEK	HE	157	187	ES		1431	1.008	-0.69							1.0
KEK	HZ	157	187	IAML		1431	6.469			15	0.4				
PDG	HZ	160	337	EP		1431	0.490	-0.36							0.9
PDG	HN	160	337	ES		1431	2.446	0.09							0.9
PDG	HZ	160	337	IAML		1431	7.171			8	0.6				
SCTE	HZ	175	229	EP		1431	2.707	-0.18							0.9
SCTE	HN	175	229	ES		1431	5.517	-0.54							0.9
IGT	HZ	177	172	EP		1431	2.246	-0.90							0.9
IGT	HN	177	172	ES		1431	6.663	0.15							0.9
IGT	HZ	177	172	IAML		1432	1.842			12	0.9				

August 12 2022 Hour: 16:48 36.8 Lat: 38.81N Lon: 20.95E D: 5.0F Ag: TIR Local  
 Magnitudes: 2.0ML TIR Rms: 0.7 secs  
 115 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	77	204	EP		1648	9.565	-1.04							1.0
VLS	HN	77	204	ES		1649	1.229	-0.52							1.0
JAN	HZ	94	355	EP		1648	3.778	0.09							1.0
JAN	HE	94	355	ES		1649	7.245	-0.09							1.0
IGT	HZ	96	327	EP		1648	3.275	-0.71							1.0
IGT	HN	96	327	ES		1649	7.701	-0.16							1.0
IGT	HZ	96	327	IAML		1649	3.710			14	0.8				
THL	HZ	125	47	EP		1648	7.131	-1.58							1.0
THL	HE	125	47	ES		1649	6.535	0.12							1.0
KEK	HZ	141	316	EP		1649	1.829	0.39							1.0
KEK	HN	141	316	ES		1649	1.844	0.48							1.0

KEK	HZ	141	316	IAML	1649	0.992			19	0.7				
SRN	HZ	144	326	EP	1649	2.589	0.64							1.0
SRN	HN	144	326	ES	1649	2.719	0.44							1.0
SRN	HZ	144	326	IAML	1649	9.250			6	0.7				
LSK	HZ	152	349	EP	1649	3.352	0.07							1.0
LSK	HN	152	349	ES	1649	4.787	0.09							1.0
LSK	HZ	152	349	IAML	1649	3.176			17	1.2				
PENT	HZ	155	6	EP	1649	3.178	-0.61							1.0
PENT	HN	155	6	ES	1649	5.810	0.19							1.0
NEST	HZ	178	3	EP	1649	7.760	0.03							0.9
NEST	HN	178	3	ES	1649	2.957	0.21							0.9
NEST	HZ	178	3	IAML	1649	9.280			7	0.5				
ITM	HZ	200	154	EP	1649	0.887	0.31							0.9
ITM	HN	200	154	ES	1649	0.027	2.13							0.9

**August 13 2022 Hour: 0:19 35.4 Lat: 39.20N Lon: 20.64E D: 15.0 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR 2.8MW TIR Rms: 0.4 secs**  
**64 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	45	324	EP		0019	3.274	-0.54							1.0
IGT	HE	45	324	ES		0019	0.184	-0.40							1.0
IGT	HZ	45	324	IAML		0019	1.855			76	0.3				
JAN	HZ	54	19	EP		0019	4.855	-0.31							1.0
JAN	HN	54	19	ES		0019	3.135	0.09							1.0
KEK	HZ	92	308	EP		0019	1.513	-0.04							1.0
KEK	HN	92	308	ES		0020	4.625	0.03							1.0
KEK	HZ	92	308	IAML		0020	8.731			77	0.3				
SRN	HZ	93	324	EP		0019	1.399	-0.33							1.0
SRN	HN	93	324	ES		0020	4.988	0.07							1.0
SRN	HZ	93	324	IAML		0020	9.282			18	0.2				
LSK	HZ	105	358	EP		0019	4.663	0.88							1.0
LSK	HN	105	358	ES		0020	8.847	0.21							1.0
LSK	HZ	105	358	IAML		0020	7.541			39	0.5				
VLS	HZ	114	182	EP		0019	5.546	0.38							1.0
VLS	HE	114	182	ES		0020	1.168	0.03							1.0
PENT	HZ	118	21	EP		0019	5.678	-0.27							1.0
PENT	HE	118	21	ES		0020	2.068	-0.48							1.0
THL	HZ	125	71	EP		0019	7.283	0.30							1.0
THL	HN	125	71	ES		0020	3.837	-0.59							1.0
NEST	HZ	139	14	EP		0019	9.350	-0.06							1.0
NEST	HE	139	14	ES		0020	9.953	1.13							1.0
NEST	HZ	139	14	IAML		0020	4.001			16	0.5				
KZN	HZ	156	38	EP		0020	2.617	0.43							1.0
KZN	HN	156	38	ES		0020	3.742	-0.11							1.0
KBN	HZ	158	4	EP		0020	2.757	0.23							0.9
KBN	HE	158	4	ES		0020	3.952	-0.51							0.9
BERA	HZ	177	341	EP		0020	5.240	0.30							0.9
BERA	HZ	177	341	IAML		0020	2.912			8	0.3				
ITM	HZ	251	153	EP		0020	4.065	-0.43							0.9
PHP	HZ	276	357	EP		0020	7.732	-0.02							0.8
PHP	HZ	276	357	IAML		0020	1.695			5	0.1				

**August 14 2022 Hour: 10:47 57.0 Lat: 38.58N Lon: 20.49E D: 20.4 Ag: TIR Local**  
**Magnitudes: 4.0ML TIR 4.1MW TIR Rms: 0.6 secs**  
**123 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	45	169	EP		1048	5.574	-0.03							1.0
VLS	HE	45	169	ES		1048	2.443	-0.10							1.0
IGT	HZ	107	353	EP		1048	5.476	-0.22							1.0
IGT	HE	107	353	ES		1048	2.074	1.26							1.0
IGT	HZ	107	353	IAML		1048	3.616			1855	0.3				
JAN	HZ	124	14	EP		1048	7.880	-0.49							1.0
JAN	HE	124	14	ES		1048	4.993	-0.66							1.0
KEK	HZ	140	335	EP		1048	0.456	-0.38							1.0



KEK	HN	140	335	ES	1048	0.180	0.07								1.0
KEK	HZ	140	335	IAML	1048	3.984		969	0.4						
SRN	HZ	151	344	EP	1048	1.899	-0.66								1.0
SRN	HN	151	344	ES	1048	3.213	-0.03								1.0
SRN	HZ	151	344	IAML	1048	2.161		512	0.9						
THL	HZ	172	50	EP	1048	4.688	-0.57								0.9
THL	HE	172	50	ES	1048	8.051	-0.07								0.9
LSK	HZ	175	3	EP	1048	6.350	0.54								0.9
LSK	HN	175	3	ES	1048	9.278	0.15								0.9
LSK	HZ	175	3	IAML	1048	9.971		1023	0.6						
PENT	HZ	188	17	EP	1048	8.529	1.00								0.9
PENT	HN	188	17	ES	1048	2.004	-0.24								0.9
ITM	HZ	200	140	EP	1048	0.254	1.32								0.9
ITM	HN	200	140	ES	1048	4.578	-0.21								0.9
NEST	HZ	210	13	EP	1048	1.659	1.38								0.9
NEST	HE	210	13	ES	1048	7.723	0.52								0.9
NEST	HZ	210	13	IAML	1049	7.395		455	0.7						
KZN	HZ	221	29	EP	1048	2.620	0.85								0.9
KZN	HE	221	29	ES	1048	9.830	-0.07								0.9
VLO	HZ	227	338	EP	1048	1.639	-0.72								0.9
VLO	HZ	227	338	IAML	1049	5.475		539	0.5						
KBN	HZ	229	6	EP	1048	3.435	0.75								0.9
KBN	HE	229	6	ES	1049	1.617	0.05								0.9
KBN	HZ	229	6	IAML	1049	0.573		346	1.2						
BERA	HZ	241	349	EP	1048	4.090	-0.04								0.9
BERA	HN	241	349	ES	1049	4.101	-0.07								0.9
BERA	HZ	241	349	IAML	1049	1.962		410	0.4						
BPA2	HZ	251	343	EP	1048	5.678	0.29								0.9
TIR	HZ	312	350	EP	1048	3.285	-0.05								0.8
THE	HZ	312	42	EP	1048	2.885	-0.36								0.8
PLG	HZ	323	51	EP	1048	4.048	-0.70								0.8
TIP	HZ	331	283	EP	1048	5.901	0.14								0.8
PHP	HZ	345	359	EP	1048	7.428	-0.17								0.8
PHP	HZ	345	359	IAML	1049	7.415		70	0.7						
PUK	HZ	388	353	EP	1048	2.011	-1.14								0.7
SDA	HZ	395	348	EP	1048	2.495	-1.39								0.7
NVR	HZ	422	42	EP	1048	6.548	-0.85								0.7
BCI	HZ	423	355	EP	1048	7.000	-0.49								0.7

August 14 2022 Hour: 11:56 30.6 Lat: 41.40N Lon: 20.07E D: 11.1 Ag: TIR Local  
Magnitudes: 2.1ML TIR 2.5MW TIR Rms: 0.4 secs  
12 km S of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	18	252	EP		1156	4.285	-0.04							1.0
TIR	HN	18	252	ES		1156	7.685	0.32							1.0
TIR	HZ	18	252	IAML		1156	4.660			109	0.2				
PHP	HZ	45	44	EP		1156	9.405	0.62							1.0
PHP	HN	45	44	ES		1156	5.195	-0.23							1.0
PHP	HZ	45	44	IAML		1156	4.312			31	0.4				
PUK	HZ	73	349	EP		1156	3.128	-0.42							1.0
PUK	HE	73	349	ES		1156	3.486	-0.57							1.0
PUK	HZ	73	349	IAML		1157	0.423			39	0.2				
BERA	HZ	78	187	EP		1156	4.075	-0.15							1.0
BERA	HN	78	187	ES		1156	4.391	-0.88							1.0
BERA	HZ	78	187	IAML		1157	4.411			32	0.3				
SDA	HZ	87	327	EP		1156	5.804	0.09							1.0
SDA	HZ	87	327	IAML		1157	1.923			11	0.1				
BCI	HZ	108	0	EP		1156	9.400	0.12							1.0
BCI	HZ	108	0	IAML		1157	3.785			46	0.8				
PDG	HZ	133	330	EP		1156	3.752	0.33							1.0
NEST	HZ	137	142	EP		1156	4.148	-0.00							1.0
NEST	HZ	137	142	IAML		1157	1.406			13	0.4				
SRN	HZ	168	182	EP		1156	9.881	0.53							0.9
SRN	HZ	168	182	IAML		1157	9.881			10	0.4				

IGT HZ 208 174 EP 1157 4.983 0.46 0.9  
 IGT HZ 208 174 IAML 1157 4.535 7 0.5

**August 15 2022 Hour: 0:28 38.8 Lat: 41.29N Lon: 19.66E D: 20.7 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR 2.8MW TIR Rms: 0.7 secs**

**10 km SE of Shijak**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	18	68	EP		0028	2.889	-0.67							1.0
TIR	HN	18	68	ES		0028	6.811	-0.63							1.0
TIR	HZ	18	68	IAML		0028	9.498		168	0.2					
BPA2	HZ	62	183	EP		0028	9.701	-0.31							1.0
BERA	HZ	69	160	EP		0028	0.468	-0.73							1.0
BERA	HN	69	160	ES		0029	1.442	0.17							1.0
BERA	HZ	69	160	IAML	A	0029	2.164		96	0.4					
BERA	HZ	69	160	IAML		0029	2.196		93	0.3					
PHP	HZ	79	56	EP		0028	1.390	-1.37							1.0
PHP	HN	79	56	ES		0029	4.698	0.60							1.0
PHP	HZ	79	56	IAML		0029	9.267		33	0.3					
SDA	HZ	86	351	EP		0028	3.540	-0.36							1.0
SDA	HN	86	351	ES		0029	6.870	0.70							1.0
SDA	HZ	86	351	IAML		0029	1.936		17	0.4					
PUK	HZ	86	13	EP		0028	3.614	-0.39							1.0
PUK	HN	86	13	ES		0029	7.238	0.88							1.0
PUK	HZ	86	13	IAML		0029	2.088		33	0.2					
VLO	HZ	92	189	EP		0028	5.514	0.59							1.0
VLO	HN	92	189	ES		0029	9.670	1.65							1.0
VLO	HZ	92	189	IAML		0029	5.321		71	0.3					
KBN	HZ	120	128	EP		0028	9.916	0.43							1.0
KBN	HN	120	128	ES		0029	7.003	0.73							1.0
KBN	HZ	120	128	IAML		0029	9.191		14	0.5					
BCI	HZ	125	16	EP		0028	9.847	-0.33							1.0
BCI	HN	125	16	ES		0029	8.227	0.70							1.0
BCI	HZ	125	16	IAML		0029	4.740		45	0.8					
PDG	HZ	131	345	EP		0029	0.808	-0.38							1.0
PDG	HN	131	345	ES		0029	9.817	0.46							1.0
PDG	HZ	131	345	IAML		0029	0.719		20	0.3					
LSK	HZ	149	148	EP		0029	3.997	-0.08							1.0
LSK	HN	149	148	ES		0029	5.720	1.15							1.0
LSK	HZ	149	148	IAML		0029	2.448		21	0.5					
NEST	HZ	152	129	EP		0029	4.558	0.03							1.0
NEST	HN	152	129	ES		0029	5.526	0.14							1.0
NEST	HZ	152	129	IAML		0029	7.467		21	0.3					
SRN	HZ	159	170	EP		0029	4.068	-1.26							0.9
SRN	HN	159	170	ES		0029	5.905	-0.95							0.9
SRN	HZ	159	170	IAML		0029	6.614		11	0.3					
IGT	HZ	203	164	EP		0029	0.290	-0.73							0.9
IGT	HN	203	164	ES		0029	6.907	-0.25							0.9

**August 15 2022 Hour: 0:30 35.7 Lat: 41.27N Lon: 19.57E D: 6.8 Ag: TIR Local**  
**Magnitudes: 2.5ML TIR 2.9MW TIR Rms: 0.6 secs**

**9 km N of Kavaje**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	27	70	EP		0030	0.745	0.13							1.0
TIR	HN	27	70	ES		0030	4.860	0.26							1.0
TIR	HZ	27	70	IAML		0030	7.386		348	0.1					
BPA2	HZ	60	176	EP		0030	6.651	0.21							1.0
BERA	HZ	70	153	EP		0030	8.047	-0.30							1.0
BERA	HN	70	153	ES		0030	8.914	0.34							1.0
BERA	HZ	70	153	IAML		0031	0.013		161	0.3					
PHP	HZ	87	57	EP		0030	9.853	-1.30							1.0
PHP	HN	87	57	ES		0031	4.259	0.59							1.0
PHP	HZ	87	57	IAML		0031	7.171		75	0.3					
SDA	HZ	87	356	EP		0030	1.265	0.05							1.0
SDA	HE	87	356	ES		0031	4.312	0.53							1.0

SDA	HZ	87	356	IAML	0031	9.858			23	0.3				
VLO	HZ	89	184	EP	0030	3.389	1.90							1.0
VLO	HN	89	184	ES	0031	4.770	0.50							1.0
VLO	HZ	89	184	IAML	0031	3.139			118	0.4				
PUK	HZ	90	17	EP	0030	1.108	-0.70							1.0
PUK	HE	90	17	ES	0031	5.055	0.20							1.0
PUK	HZ	90	17	IAML	0031	9.956			49	0.2				
KBN	HZ	125	124	EP	0030	7.751	0.15							1.0
KBN	HN	125	124	ES	0031	5.520	0.19							1.0
KBN	HZ	125	124	IAML	0031	7.060			28	0.4				
BCI	HZ	129	19	EP	0030	7.727	-0.51							1.0
BCI	HN	129	19	ES	0031	7.008	0.53							1.0
BCI	HZ	129	19	IAML	0031	2.643			85	0.6				
PDG	HZ	132	349	EP	0030	8.477	-0.15							1.0
PDG	HN	132	349	ES	0031	7.505	0.31							1.0
PDG	HZ	132	349	IAML	0031	9.449			33	0.5				
LSK	HZ	152	145	EP	0031	2.076	0.06							1.0
LSK	HN	152	145	ES	0031	3.760	0.44							1.0
LSK	HZ	152	145	IAML	0031	5.462			41	0.6				
NEST	HZ	157	127	EP	0031	2.235	-0.65							1.0
NEST	HN	157	127	ES	0031	4.453	-0.44							1.0
NEST	HZ	157	127	IAML	0031	5.350			36	0.2				
SRN	HZ	158	166	EP	0031	1.887	-1.18							0.9
SRN	HN	158	166	ES	0031	5.504	0.28							0.9
SRN	HZ	158	166	IAML	0031	0.529			32	0.3				
SCTE	HZ	162	215	EP	0031	3.315	-0.36							0.9
SCTE	HN	162	215	ES	0031	6.140	-0.19							0.9
IGT	HZ	203	161	EP	0031	8.345	-1.21							0.9
IGT	HN	203	161	ES	0031	6.889	-0.09							0.9
IGT	HZ	203	161	IAML	0031	9.286			17	0.3				

**August 15 2022 Hour: 0:33 15.7 Lat: 41.24N Lon: 19.52E D: 9.2 Ag: TIR Local**  
**Magnitudes: 2.5ML TIR 2.9MW TIR Rms: 0.6 secs**  
**6 km N of Kavaje**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	31	68	EP		0033	1.484	-0.00							1.0
TIR	HN	31	68	ES		0033	5.970	-0.17							1.0
TIR	HZ	31	68	IAML		0033	7.334			260	0.2				
BPA2	HZ	58	172	EP		0033	7.072	0.89							1.0
BERA	HZ	70	149	EP		0033	8.734	0.49							1.0
BERA	HN	70	149	ES		0033	8.908	0.55							1.0
BERA	HZ	70	149	IAML		0033	0.779			175	0.3				
SDA	HZ	90	359	EP		0033	1.887	0.41							1.0
SDA	HE	90	359	ES		0033	4.508	0.29							1.0
SDA	HZ	90	359	IAML		0033	0.547			30	0.3				
PHP	HZ	91	57	EP		0033	0.052	-1.69							1.0
PHP	HN	91	57	ES		0033	4.706	0.00							1.0
PHP	HZ	91	57	IAML		0033	7.842			72	0.2				
PUK	HZ	94	19	EP		0033	1.893	-0.36							1.0
PUK	HN	94	19	ES		0033	6.031	0.41							1.0
PUK	HZ	94	19	IAML		0033	0.661			59	0.2				
KBN	HZ	127	123	EP		0033	8.397	0.65							1.0
KBN	HN	127	123	ES		0033	5.945	0.39							1.0
KBN	HZ	127	123	IAML		0033	7.881			17	0.3				
PDG	HN	133	351	ES		0033	7.923	0.44							1.0
BCI	HN	133	20	ES		0033	7.637	0.37							1.0
PDG	HZ	133	351	EP		0033	8.942	0.13							1.0
PDG	HZ	133	351	IAML		0033	9.760			40	0.4				
BCI	HZ	133	20	EP		0033	7.608	-1.08							1.0
BCI	HZ	133	20	IAML		0034	0.622			57	0.3				
LSK	HZ	152	143	EP		0033	2.601	0.68							1.0
LSK	HN	152	143	ES		0034	3.563	0.45							1.0
LSK	HZ	152	143	IAML		0034	7.421			33	0.5				
SRN	HZ	157	165	EP		0033	2.467	-0.24							1.0

SRN	HN	157	165	ES		0034	3.844	-0.69									1.0
SRN	HZ	157	165	IAML		0034	5.185			22	0.5						
SCTE	HZ	158	215	EP		0033	2.271	-0.63									0.9
NEST	HZ	158	125	EP		0033	2.954	-0.05									0.9
NEST	HN	158	125	ES		0034	4.375	-0.70									0.9
NEST	HZ	158	125	IAML		0034	6.057			29	0.2						
SCTE	HN	158	215	ES		0034	4.634	-0.25									0.9
IGT	HZ	202	160	EP		0033	8.980	-0.17									0.9
IGT	HN	202	160	ES		0034	5.892	-0.31									0.9
IGT	HZ	202	160	IAML		0034	7.195			16	0.4						

**August 15 2022 Hour: 17:46 22.5 Lat: 41.00N Lon: 19.83E D: 19.5 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR 2.4MW TIR Rms: 0.4 secs**  
**6 km W of Belsh**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA	HZ	35	163	EP		1746	8.896	-0.52							1.0
BERA	HE	35	163	ES		1746	4.577	-0.40							1.0
BERA	HZ	35	163	IAML		1746	5.109			121	0.2				
TIR	HZ	39	4	EP		1746	0.061	-0.01							1.0
TIR	HN	39	4	ES		1746	6.625	0.45							1.0
TIR	HZ	39	4	IAML		1746	0.375			19	0.2				
PHP	HZ	92	34	EP		1746	7.750	-0.92							1.0
PHP	HN	92	34	ES		1746	1.682	-0.05							1.0
PHP	HZ	92	34	IAML		1746	5.472			10	0.6				
LSK	HZ	115	145	EP		1746	3.052	0.56							1.0
LSK	HN	115	145	ES		1746	9.122	0.47							1.0
PUK	HZ	116	3	EP		1746	3.354	0.65							1.0
PUK	HE	116	3	ES		1746	9.353	0.31							1.0
PUK	HZ	116	3	IAML		1747	3.078			12	0.4				
NEST	HZ	122	122	EP		1746	3.171	-0.47							1.0
NEST	HN	122	122	ES		1747	0.992	0.27							1.0
SRN	HZ	125	173	EP		1746	4.481	0.40							1.0
SRN	HE	125	173	ES		1747	1.649	0.13							1.0
SRN	HZ	125	173	IAML		1747	9.022			10	0.6				
KEK	HZ	143	181	EP		1746	6.518	-0.37							1.0
KEK	HZ	143	181	IAML		1747	2.498			27	0.8				
BCI	HZ	153	7	EP		1746	8.644	0.12							1.0
BCI	HN	153	7	ES		1747	9.030	-0.54							1.0
BCI	HZ	153	7	IAML		1747	1.982			10	0.4				
IGT	HZ	168	165	EP		1746	0.310	-0.19							0.9
IGT	HE	168	165	ES		1747	3.252	0.11							0.9
IGT	HZ	168	165	IAML		1747	9.516			14	1.0				

**August 16 2022 Hour: 16:34 40.0 Lat: 39.18N Lon: 20.57E D: 17.8 Ag: TIR Local**  
**Magnitudes: 4.1ML TIR 4.3MW TIR Rms: 0.9 secs**  
**62 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	44	333	EP		1634	7.763	-0.49							1.0
IGT	HN	44	333	ES		1634	5.461	0.54							1.0
IGT	HZ	44	333	IAML		1635	1.409			14723	0.5				
JAN	HZ	58	25	EP		1634	9.902	-0.66							1.0
JAN	HN	58	25	ES		1634	8.943	-0.15							1.0
KEK	HZ	89	312	EP		1634	5.210	-0.37							1.0
KEK	HN	89	312	ES		1635	8.485	0.31							1.0
KEK	HZ	89	312	IAML		1635	3.519			7282	0.5				
SRN	HZ	92	328	EP		1634	5.355	-0.69							1.0
SRN	HN	92	328	ES		1635	0.062	1.05							1.0
SRN	HZ	92	328	IAML		1635	6.327			2371	1.4				
LSK	HZ	107	1	EP		1634	8.488	-0.26							1.0
LSK	HN	107	1	ES		1635	5.055	1.14							1.0
LSK	HZ	107	1	IAML		1635	6.086			3917	0.7				
VLS	HZ	112	179	EP		1634	8.891	-0.52							1.0
VLS	HN	112	179	ES		1635	7.309	2.20							1.0
PENT	HZ	123	23	EP		1635	0.187	-1.11							1.0

PENT	HE	123	23	ES	1635	8.753	0.23										1.0
THL	HZ	132	71	EP	1635	1.261	-1.44										1.0
THL	HE	132	71	ES	1635	1.376	0.32										1.0
NEST	HZ	143	17	EP	1635	4.062	-0.48										1.0
NEST	HN	143	17	ES	1635	5.811	1.42										1.0
NEST	HZ	143	17	IAML	1635	3.398			1791	0.6							
KBN	HZ	161	7	EP	1635	6.295	-1.00										0.9
KBN	HN	161	7	ES	1635	0.325	0.95										0.9
KBN	HZ	161	7	IAML	1635	2.722			973	0.9							
KZN	HZ	162	39	EP	1635	7.246	-0.16										0.9
KZN	HN	162	39	ES	1635	0.607	1.03										0.9
VLO	HZ	170	328	EP	1635	8.602	0.29										0.9
VLO	HN	170	328	ES	1635	1.086	-0.13										0.9
VLO	HZ	170	328	IAML	1635	3.644			1327	0.5							
BERA	HZ	177	343	EP	1635	9.824	0.60										0.9
BERA	HE	177	343	ES	1635	3.326	0.46										0.9
BERA	HZ	177	343	IAML	1635	5.103			1151	0.6							
BPA2	HZ	190	335	EP	1635	1.659	0.76										0.9
SCTE	HZ	206	299	EP	1635	2.577	-0.33										0.9
SCTE	HN	206	299	ES	1635	9.051	-0.49										0.9
TIR	HZ	248	346	EP	1635	8.292	-0.03										0.9
TIR	HE	248	346	ES	1635	1.050	1.71										0.9
TIR	HZ	248	346	IAML	1636	9.039			221	0.9							
ITM	HZ	252	151	EP	1635	0.726	1.80										0.9
THE	HZ	261	51	EP	1635	0.118	0.16										0.9
THE	HE	261	51	ES	1635	2.254	-0.05										0.9
THE	HZ	261	51	IAML	1636	4.818			147	1.0							
PHP	HZ	278	358	EP	1635	2.704	0.44										0.8
PHP	HN	278	358	ES	1635	6.715	0.24										0.8
PHP	HZ	278	358	IAML	1636	3.182			235	1.0							
PLG	HZ	280	61	EP	1635	2.356	-0.11										0.8
PLG	HN	280	61	ES	1635	5.780	-1.05										0.8
PUK	HZ	323	350	EP	1635	7.812	-0.21										0.8
PUK	HE	323	350	ES	1636	5.709	-1.18										0.8
PUK	HZ	323	350	IAML	1636	2.998			147	0.9							
TIP	HZ	329	271	EP	1635	8.278	-0.55										0.8
SDA	HZ	331	345	EP	1635	8.400	-0.57										0.8
SDA	HZ	331	345	IAML	1636	5.309			128	2.5							
NOCI	HZ	348	302	EP	1635	9.813	-1.43										0.8
BCI	HZ	356	353	EP	1635	2.561	0.31										0.8
BCI	HZ	356	353	IAML	1636	6.918			224	0.7							
NVR	HZ	369	48	EP	1635	4.124	0.14										0.8
PDG	HZ	377	343	EP	1635	3.800	-1.08										0.8
PDG	HZ	377	343	IAML	1636	6.542			111	1.2							
BOSS	SZ	401	23	EP	1635	7.952	-0.13										0.7
BARS	BZ	417	14	EP	1635	9.338	-0.71										0.7
MRVN	HZ	427	301	EP	1635	9.241	-2.11										0.7
SJES	BZ	456	354	EP	1635	4.370	-0.75										0.7
RDO	HZ	476	61	EP	1635	6.643	-0.93										0.7

August 16 2022 Hour: 21:20 1.2 Lat: 39.17N Lon: 20.57E D: 16.7 Ag: TIR Local  
Magnitudes: 2.2ML TIR 2.7MW TIR Rms: 0.9 secs  
63 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	44	170	EP		2120	8.968	-0.37							1.0
LKD2	HE	44	170	ES		2120	6.475	0.55							1.0
IGT	HZ	45	333	IP	A	2120	8.678	-0.84							1.0
IGT	HN	45	333	ES		2120	6.301	0.05							1.0
IGT	HZ	45	333	IAML	A	2120	1.913			108	0.3				
JAN	HZ	59	24	EP		2120	0.489	-1.34							1.0
JAN	HN	59	24	ES		2120	0.024	-0.42							1.0
KEK	HZ	89	312	EP		2120	5.635	-1.22							1.0
KEK	HN	89	312	ES		2120	0.344	0.81							1.0
KEK	HZ	89	312	IAML	A	2120	4.016			53	0.5				

SRN	HZ	92	328	EP		2120	6.485	-0.86								1.0
SRN	HN	92	328	ES		2120	1.784	1.37								1.0
SRN	HZ	92	328	IAML	A	2120	6.802		18	1.0						
LSK	HZ	108	1	EP		2120	9.400	-0.66								1.0
LSK	HN	108	1	ES		2120	5.982	0.64								1.0
LSK	HZ	108	1	IAML		2120	7.339		29	1.1						
VLS	HZ	111	179	EP		2120	0.736	0.32								1.0
VLS	HE	111	179	ES		2120	6.462	0.49								1.0
PENT	HZ	124	23	EP		2120	2.786	0.19								1.0
THL	HZ	132	70	IP	A	2120	5.610	1.69								1.0
THL	HN	132	70	ES		2120	2.588	0.26								1.0
NEST	HZ	144	16	EP		2120	6.265	0.36								1.0
NEST	HN	144	16	ES		2120	6.060	0.14								1.0
NEST	HZ	144	16	IAML		2120	2.312		12	0.4						
KZN	HZ	163	39	EP		2120	8.545	-0.24								0.9
BERA	HZ	178	343	EP		2120	1.034	0.40								0.9
BERA	HN	178	343	ES		2120	5.946	1.47								0.9
PLG	HZ	280	61	EP		2120	2.336	-1.46								0.8
PUK	HZ	324	350	EP		2120	8.584	-0.85								0.8
PUK	HZ	324	350	IAML	A	2121	5.457		2	0.9						
TIP	HZ	329	271	EP		2120	8.863	-1.28								0.8

**August 17 2022 Hour: 3:26 59.1 Lat: 39.19N Lon: 20.57E D: 14.7 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR 2.7MW TIR Rms: 0.8 secs**  
**61 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	43	332	IP	A	0327	6.248	-0.84							1.0
IGT	HE	43	332	ES		0327	3.337	-0.24							1.0
IGT	HZ	43	332	IAML	A	0327	4.497		80	0.2					
LKD2	HZ	45	170	EP		0327	6.486	-0.88							1.0
LKD2	HN	45	170	ES		0327	4.066	-0.02							1.0
JAN	HZ	58	25	EP		0327	8.248	-1.21							1.0
JAN	HN	58	25	ES		0327	7.117	-0.75							1.0
KEK	HZ	88	312	IP	A	0327	4.740	0.23							1.0
KEK	HE	88	312	ES		0327	6.803	-0.21							1.0
KEK	HZ	88	312	IAML	A	0327	3.014		49	0.4					
SRN	HZ	91	328	IP	A	0327	6.690	1.72							1.0
SRN	HE	91	328	ES		0327	7.579	-0.26							1.0
SRN	HZ	91	328	IAML	A	0327	2.373		17	0.3					
LSK	HZ	107	2	EP		0327	7.747	0.07							1.0
LSK	HN	107	2	ES		0327	4.205	1.46							1.0
LSK	HZ	107	2	IAML	A	0327	2.325		10	1.0					
VLS	HZ	112	179	EP		0327	8.613	0.10							1.0
VLS	HE	112	179	ES		0327	4.441	0.19							1.0
PENT	HZ	122	24	EP		0327	0.109	-0.14							1.0
THL	HZ	132	71	IP	A	0327	3.610	1.86							1.0
THL	HN	132	71	ES		0327	9.779	-0.33							1.0
NEST	HZ	142	17	EP		0327	3.259	-0.34							1.0
NEST	HZ	142	17	IAML	A	0327	9.326		9	0.4					
KBN	HZ	161	7	IP	4A	0327	1.980	25.5							0.0
KZN	HZ	162	39	EP		0327	6.645	-0.05							0.9
BERA	HZ	176	343	EP		0327	8.922	0.39							0.9
BERA	HN	176	343	ES		0327	1.669	-0.73							0.9
BERA	HZ	176	343	IAML	A	0328	4.692		9	1.5					

**August 17 2022 Hour: 10:15 35.7 Lat: 38.81N Lon: 21.25E D: 20.8 Ag: TIR Local**  
**Magnitudes: 2.1ML 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	52	268	EP		1015	5.319	-0.05							1.0
LKD2	HE	52	268	ES		1015	3.347	0.17							1.0
VLS	HZ	91	220	EP		1015	1.186	-0.54							1.0
VLS	HN	91	220	ES		1016	4.864	0.17							1.0
JAN	HZ	100	340	EP		1015	3.280	-0.01							1.0

JAN	HN	100	340	ES		1016	7.529	0.02									1.0
THL	HZ	107	38	EP		1015	4.217	-0.07									1.0
THL	HE	107	38	ES		1016	9.426	0.11									1.0
IGT	HZ	113	316	EP		1015	5.319	0.03									1.0
IGT	HE	113	316	ES		1016	1.149	0.01									1.0
IGT	HZ	113	316	IAML		1016	7.180			17	0.6						
LSK	HZ	159	340	EP		1016	2.229	-0.20									0.9
KEK	HZ	161	309	EP		1016	2.693	0.16									0.9
KEK	HE	161	309	ES		1016	4.038	-0.21									0.9
KEK	HZ	161	309	IAML		1016	6.486			10	0.2						
SRN	HZ	161	318	EP		1016	2.835	0.35									0.9
NEST	HZ	179	354	EP		1016	4.830	-0.17									0.9
NEST	HZ	179	354	IAML		1016	5.213			11	0.7						
ITM	HZ	190	162	EP		1016	6.617	0.25									0.9

**August 17 2022 Hour: 12:28 24.2 Lat: 39.45N Lon: 19.68E D: 1.2 Ag: TIR Local**  
**Magnitudes: 2.8ML TIR 3.2MW TIR Rms: 0.4 secs**

**48 km SW of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KEK	HZ	31	19	EP		1228	0.145	0.51							1.0
KEK	HE	31	19	ES		1228	4.503	0.45							1.0
KEK	HZ	31	19	IAML		1228	6.113			1320	0.3				
SRN	HZ	55	30	EP		1228	3.579	-0.36							1.0
SRN	HE	55	30	ES		1228	1.198	-0.65							1.0
SRN	HZ	55	30	IAML		1228	3.009			400	0.3				
IGT	HZ	56	81	EP		1228	3.280	-0.98							1.0
IGT	HN	56	81	ES		1228	2.170	-0.26							1.0
IGT	HZ	56	81	IAML		1228	5.208			253	0.3				
JAN	HZ	103	77	EP		1228	2.454	-0.08							1.0
JAN	HE	103	77	ES		1228	7.198	-0.20							1.0
LSK	HZ	110	45	EP		1228	3.835	-0.01							1.0
LSK	HN	110	45	ES		1229	0.223	0.45							1.0
LSK	HZ	110	45	IAML		1229	4.088			116	0.8				
LKD2	HZ	112	131	EP		1228	4.935	0.78							1.0
LKD2	HE	112	131	ES		1229	1.015	0.68							1.0
SCTE	HZ	125	304	EP		1228	8.647	2.31							0.0
SCTE	HE	125	304	ES		1229	6.371	2.08							0.0
BERA	HZ	141	9	EP		1228	8.514	-0.44							1.0
BERA	HE	141	9	ES		1229	9.465	0.45							1.0
BERA	HZ	141	9	IAML		1229	1.167			53	0.3				
PENT	HZ	149	56	EP		1228	0.508	0.04							1.0
PENT	HE	149	56	ES		1229	1.664	-0.10							1.0
NEST	HZ	158	47	EP		1228	1.907	-0.03							0.9
NEST	HN	158	47	ES		1229	4.894	0.48							0.9
NEST	HZ	158	47	IAML		1229	1.273			56	0.4				
VLS	HZ	162	151	EP		1228	1.959	-0.57							0.9
THL	HZ	201	86	EP		1228	8.319	-0.05							0.9
THL	HN	201	86	ES		1229	6.017	-0.05							0.9
KZN	HZ	202	61	EP		1228	8.574	-0.07							0.9
TIP	HZ	254	264	EP		1229	5.262	-0.04							0.9
PUK	HZ	288	3	EP		1229	9.696	0.02							0.8

**August 17 2022 Hour: 16:31 10.4 Lat: 39.18N Lon: 20.58E D: 16.1 Ag: TIR Local**  
**Magnitudes: 3.1ML TIR 3.5MW TIR Rms: 0.9 secs**

**62 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	44	332	EP		1631	7.776	-0.77							1.0
IGT	HE	44	332	ES		1631	5.046	-0.13							1.0
IGT	HZ	44	332	IAML		1631	6.385			1066	0.2				
LKD2	HZ	44	171	EP		1631	8.341	-0.28							1.0
LKD2	HN	44	171	ES		1631	6.266	0.95							1.0
JAN	HZ	58	24	EP		1631	9.659	-1.11							1.0
JAN	HE	58	24	ES		1631	8.302	-0.90							1.0
KEK	HZ	89	312	EP		1631	5.361	-0.61							1.0

KEK	HN	89	312	ES	1631	9.284	0.68								1.0
KEK	HZ	89	312	IAML	1631	3.624		1021	0.5						
SRN	HZ	92	328	EP	1631	5.928	-0.47								1.0
SRN	HN	92	328	ES	1631	9.877	0.49								1.0
SRN	HZ	92	328	IAML	1631	4.906		278	0.2						
LSK	HZ	107	1	EP	1631	8.683	-0.35								1.0
LSK	HN	107	1	ES	1631	5.204	1.05								1.0
LSK	HZ	107	1	IAML	1631	1.538		239	0.7						
VLS	HZ	112	179	EP	1631	9.380	-0.37								1.0
VLS	HN	112	179	ES	1631	6.041	0.59								1.0
THL	HZ	131	71	EP	1631	1.784	-1.13								1.0
THL	HE	131	71	ES	1631	2.009	0.83								1.0
NEST	HZ	143	16	EP	1631	4.281	-0.63								1.0
NEST	HN	143	16	ES	1631	5.936	1.15								1.0
NEST	HZ	143	16	IAML	1632	2.386		119	0.4						
KBN	HZ	161	6	EP	1631	0.466	2.69								0.9
KBN	HN	161	6	ES	1632	1.263	1.28								0.9
KBN	HZ	161	6	IAML	1632	7.855		63	0.7						
KZN	HZ	161	39	EP	1631	7.274	-0.57								0.9
KZN	HN	161	39	ES	1632	1.263	1.16								0.9
BERA	HZ	177	343	EP	1631	9.978	0.23								0.9
BERA	HE	177	343	ES	1632	4.080	0.52								0.9
BERA	HZ	177	343	IAML	1632	8.932		84	0.3						
PHP	HZ	278	358	EP	1631	2.996	0.22								0.8
PHP	HN	278	358	ES	1632	6.698	-0.42								0.8
PHP	HZ	278	358	IAML	1632	1.869		11	0.4						
PLG	HZ	279	61	EP	1631	2.622	-0.26								0.8
PLG	HN	279	61	ES	1632	6.218	-1.11								0.8
PUK	HZ	323	350	EP	1631	7.877	-0.66								0.8
PUK	HE	323	350	ES	1632	6.879	-0.68								0.8
PUK	HZ	323	350	IAML	1632	5.306		11	0.5						
SDA	HZ	331	344	EP	1631	8.283	-1.22								0.8
SDA	HN	331	344	ES	1632	8.704	-0.60								0.8
SDA	HZ	331	344	IAML	1632	0.998		4	0.1						
BCI	HZ	356	353	EP	1632	2.823	0.06								0.8
BCI	HN	356	353	ES	1632	4.274	-0.94								0.8
BCI	HZ	356	353	IAML	1632	5.589		33	0.5						

**August 19 2022 Hour: 10:34 58.1 Lat: 39.32N Lon: 19.96E D: 13.2 Ag: TIR Local**  
**Magnitudes: 3.4ML TIR 3.7MW TIR Rms: 0.8 secs**  
**41 km SW of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	40	54	EP		1035	4.792	-0.69							1.0
IGT	HE	40	54	ES		1035	0.052	-1.41							1.0
IGT	HZ	40	54	IAML		1035	6.957		1532	0.8					
KEK	HZ	45	343	EP		1035	6.487	0.09							1.0
KEK	HN	45	343	ES		1035	3.481	0.37							1.0
KEK	HZ	45	343	IAML		1035	5.598		2256	0.6					
SRN	HZ	62	3	EP		1035	8.920	-0.20							1.0
SRN	HE	62	3	ES		1035	7.342	-0.70							1.0
SRN	HZ	62	3	IAML		1035	1.739		1030	0.5					
LKD2	HZ	85	134	EP		1035	3.658	0.66							1.0
LKD2	HN	85	134	ES		1035	5.712	0.64							1.0
JAN	HZ	85	64	EP		1035	2.155	-0.91							1.0
JAN	HE	85	64	ES		1035	5.369	0.19							1.0
LSK	HZ	107	31	EP		1035	7.409	0.72							1.0
LSK	HN	107	31	ES		1035	2.007	0.26							1.0
LSK	HZ	107	31	IAML		1035	5.607		527	0.6					
VLO	HZ	133	343	EP		1035	1.623	0.63							1.0
VLO	HE	133	343	ES		1035	9.897	0.37							1.0
VLO	HZ	133	343	IAML		1035	7.626		565	0.5					
VLS	HZ	139	156	EP		1035	2.338	0.38							1.0
VLS	HE	139	156	ES		1035	0.189	-1.09							1.0
PENT	HZ	140	46	EP		1035	2.163	-0.06							1.0



PENT	HN	140	46	ES	1035	1.117	-0.64										1.0
SCTE	HZ	152	303	EP	1035	4.415	0.20										1.0
SCTE	HE	152	303	ES	1035	3.684	-1.69										1.0
NEST	HZ	153	37	EP	1035	4.527	0.16										1.0
NEST	HE	153	37	ES	1035	6.261	0.63										1.0
NEST	HZ	153	37	IAML	1035	3.052				301	0.6						
BERA	HZ	153	360	EP	1035	5.019	0.69										1.0
BERA	HN	153	360	ES	1035	5.800	0.24										1.0
BERA	HZ	153	360	IAML	1035	2.271				427	0.7						
BPA2	HZ	159	350	EP	1035	6.469	1.20										0.9
KBN	HZ	161	26	EP	1035	6.266	0.61										0.9
KBN	HN	161	26	ES	1035	8.251	0.28										0.9
KBN	HZ	161	26	IAML	1036	4.089				201	1.2						
THL	HZ	179	81	EP	1035	9.208	1.14										0.9
THL	HN	179	81	ES	1035	2.349	0.01										0.9
KZN	HZ	190	54	EP	1035	0.573	1.04										0.9
KZN	HN	190	54	ES	1035	4.501	-0.49										0.9
TIR	HZ	225	358	EP	1035	3.944	0.00										0.9
TIR	HN	225	358	ES	1036	3.021	0.05										0.9
TIR	HZ	225	358	IAML	1036	1.183				67	0.7						
TIP	HZ	277	268	EP	1035	9.716	-0.94										0.8
ITM	HZ	294	144	EP	1035	3.576	0.75										0.8
THE	HZ	295	60	EP	1035	3.189	0.25										0.8
THE	HZ	295	60	IAML	1036	5.749				15	0.8						
NOCI	HZ	296	304	EP	1035	4.050	1.01										0.8
PUK	HZ	302	359	EP	1035	3.258	-0.66										0.8
PUK	HN	302	359	ES	1036	1.212	0.19										0.8
PUK	HZ	302	359	IAML	1036	7.041				35	0.5						
SDA	HZ	305	353	EP	1035	3.268	-0.95										0.8
SDA	HZ	305	353	IAML	1036	3.740				25	1.4						
PLG	HZ	320	68	EP	1035	3.750	-2.48										0.8
BCI	HZ	338	2	EP	1035	7.898	-0.59										0.8
BCI	HZ	338	2	IAML	1036	5.695				51	0.3						

**August 19 2022 Hour: 11: 7 55.9 Lat: 39.33N Lon: 19.97E D: 5.8 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR 3.0MW TIR Rms: 0.7 secs**

**40 km SW of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	38	54	EP		1108	2.353	-0.48							1.0
IGT	HN	38	54	ES		1108	7.816	-0.62							1.0
IGT	HZ	38	54	IAML		1108	4.834			73	0.3				
KEK	HZ	45	341	EP		1108	4.186	0.20							1.0
KEK	HN	45	341	ES		1108	0.713	0.20							1.0
KEK	HZ	45	341	IAML		1108	3.190			111	0.4				
SRN	HZ	61	2	EP		1108	6.403	-0.43							1.0
SRN	HN	61	2	ES		1108	5.146	-0.52							1.0
SRN	HZ	61	2	IAML		1108	9.099			42	0.5				
JAN	HZ	84	64	EP		1108	0.024	-0.91							1.0
JAN	HE	84	64	ES		1108	3.562	0.47							1.0
LKD2	HZ	85	135	EP		1108	1.937	0.84							1.0
LKD2	HN	85	135	ES		1108	4.086	0.70							1.0
LSK	HZ	105	30	EP		1108	4.953	0.35							1.0
LSK	HN	105	30	ES		1108	0.728	0.99							1.0
LSK	HZ	105	30	IAML		1108	5.187			20	0.6				
VLS	HZ	139	157	EP		1108	0.398	0.22							1.0
VLS	HE	139	157	ES		1108	8.792	-1.02							1.0
PENT	HZ	139	46	EP		1108	1.355	1.23							1.0
NEST	HZ	151	37	EP		1108	2.276	0.00							1.0
NEST	HE	151	37	ES		1108	3.661	0.04							1.0
NEST	HZ	151	37	IAML		1108	9.498			27	0.6				
BERA	HZ	152	359	EP		1108	2.354	0.03							1.0
BERA	HN	152	359	ES		1108	3.666	-0.04							1.0
BERA	HZ	152	359	IAML		1108	6.521			23	0.3				
SCTE	HZ	153	303	EP		1108	1.825	-0.63							1.0

SCTE	HN	153	303	ES		1108	3.996	0.06									1.0
THL	HZ	178	81	EP		1108	7.207	0.61									0.9
THL	HN	178	81	ES		1108	0.046	-1.40									0.9

**August 19 2022 Hour: 11:14 42.6 Lat: 39.33N Lon: 19.95E D: 6.0 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.7 secs**

**41 km SW of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	39	56	EP		1114	9.036	-0.66							1.0
IGT	HN	39	56	ES		1114	3.646	-1.83							1.0
KEK	HZ	44	343	EP		1114	1.043	0.51							1.0
KEK	HE	44	343	ES		1114	7.869	0.89							1.0
KEK	HZ	44	343	IAML		1114	0.000			88	0.3				
SRN	HZ	61	4	EP		1114	3.066	-0.41							1.0
SRN	HN	61	4	ES		1115	2.464	0.15							1.0
SRN	HZ	61	4	IAML		1115	5.876			29	0.6				
JAN	HZ	85	65	EP		1114	8.236	0.42							1.0
JAN	HE	85	65	ES		1115	0.613	0.45							1.0
LKD2	HZ	86	135	EP		1114	8.710	0.77							1.0
LKD2	HE	86	135	ES		1115	1.197	0.80							1.0
LSK	HZ	106	31	EP		1115	1.847	0.50							1.0
LSK	HN	106	31	ES		1115	6.606	0.05							1.0
LSK	HZ	106	31	IAML		1115	0.039			15	0.4				
PENT	HZ	140	46	EP		1115	7.914	0.99							1.0
PENT	HN	140	46	ES		1115	6.626	-0.02							1.0
VLS	HZ	140	156	EP		1115	6.497	-0.43							1.0
VLS	HN	140	156	ES		1115	6.050	-0.60							1.0
SCTE	HZ	152	303	EP		1115	8.333	-0.53							1.0
BERA	HN	152	360	ES		1115	9.919	-0.36							1.0
NEST	HZ	152	38	EP		1115	9.771	0.73							1.0
NEST	HZ	152	38	IAML		1115	4.217			10	0.4				
BERA	HZ	152	360	EP		1115	9.148	0.22							1.0
BERA	HZ	152	360	IAML		1115	5.542			14	0.5				
SCTE	HN	152	303	ES		1115	9.340	-0.81							1.0
NEST	HN	152	38	ES		1115	0.482	0.00							1.0
THL	HZ	179	81	EP		1115	2.787	-0.63							0.9
THL	HN	179	81	ES		1115	8.008	-0.39							0.9

**August 19 2022 Hour: 12:55 12.3 Lat: 39.32N Lon: 19.96E D: 14.6 Ag: TIR Local**  
**Magnitudes: 3.3ML TIR 3.6MW TIR Rms: 0.7 secs**

**41 km SW of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	40	54	EP		1255	8.993	-0.78							1.0
IGT	HN	40	54	ES		1255	6.105	0.31							1.0
IGT	HZ	40	54	IAML		1255	1.018			1331	0.6				
KEK	HZ	45	343	EP		1255	0.598	-0.06							1.0
KEK	HE	45	343	ES		1255	8.075	0.67							1.0
KEK	HZ	45	343	IAML		1255	6.349			1320	0.5				
SRN	HZ	62	3	EP		1255	2.828	-0.55							1.0
SRN	HE	62	3	ES		1255	1.408	-0.92							1.0
SRN	HZ	62	3	IAML		1255	5.876			620	0.5				
LKD2	HZ	85	134	EP		1255	7.909	0.66							1.0
LKD2	HE	85	134	ES		1255	9.865	0.54							1.0
JAN	HZ	85	64	EP		1255	6.206	-1.11							1.0
JAN	HN	85	64	ES		1255	9.355	-0.10							1.0
LSK	HZ	107	31	EP		1255	0.403	-0.54							1.0
LSK	HZ	107	31	IAML		1255	6.860			366	0.7				
VLO	HZ	133	343	EP		1255	6.473	1.24							1.0
VLO	HE	133	343	ES		1255	4.057	0.27							1.0
VLO	HZ	133	343	IAML		1255	7.159			395	0.6				
VLS	HZ	139	156	EP		1255	6.441	0.25							1.0
VLS	HE	139	156	ES		1255	5.088	-0.43							1.0
PENT	HZ	140	46	EP		1255	6.812	0.34							1.0
PENT	HE	140	46	ES		1255	5.926	-0.09							1.0

SCTE	HZ	152	304	EP	1255	8.505	0.07							1.0
SCTE	HN	152	304	ES	1255	8.439	-1.14							1.0
BERA	HZ	153	360	EP	1255	9.166	0.62							1.0
BERA	HZ	153	360	IAML	1256	6.282		237	0.7					
NEST	HZ	153	37	EP	1255	8.653	0.05							1.0
NEST	HE	153	37	ES	1255	9.994	0.11							1.0
BERA	HN	153	360	ES	1255	9.075	-0.70							1.0
NEST	HZ	153	37	IAML	1256	2.463		297	0.5					
BPA2	HZ	159	350	EP	1255	0.636	1.20							0.9
BPA2	HN	159	350	ES	1256	1.991	0.61							0.9
KBN	HZ	161	26	EP	1255	9.977	0.16							0.9
KBN	HN	161	26	ES	1256	2.318	0.23							0.9
KBN	HZ	161	26	IAML	1256	8.239		159	1.1					
THL	HZ	179	81	EP	1255	2.179	0.02							0.9
THL	HN	179	81	ES	1256	5.895	-0.43							0.9
KZN	HZ	190	54	EP	1255	4.648	1.01							0.9
KZN	HN	190	54	ES	1256	8.399	-0.59							0.9
TIR	HZ	225	358	EP	1255	8.408	0.37							0.9
TIR	HN	225	358	ES	1256	8.988	2.03							0.9
TIR	HZ	225	358	IAML	1256	7.187		42	0.7					
PHP	HZ	265	9	EP	1255	3.684	0.40							0.9
PHP	HN	265	9	ES	1256	6.244	-0.21							0.9
PHP	HZ	265	9	IAML	1256	6.726		33	1.3					
TIP	HZ	277	268	EP	1255	4.001	-0.73							0.8
ITM	HZ	294	143	EP	1255	7.379	0.46							0.8
THE	HZ	295	60	EP	1255	6.915	-0.12							0.8
THE	HZ	295	60	IAML	1256	9.758		17	0.4					
NOCI	HZ	296	304	EP	1255	7.179	0.05							0.8
PUK	HZ	302	359	EP	1255	7.179	-0.83							0.8
PUK	HZ	302	359	IAML	1256	1.356		22	0.5					
SDA	HZ	305	353	EP	1255	6.069	-2.25							0.8
SDA	HZ	305	353	IAML	1256	7.488		18	1.3					
BCI	HZ	338	2	EP	1256	1.922	-0.66							0.8
BCI	HZ	338	2	IAML	1257	4.047		36	0.1					

August 20 2022 Hour: 4:16 2.7 Lat: 39.33N Lon: 20.89E D: 11.4 Ag: TIR Local  
Magnitudes: 2.7ML TIR Rms: 0.5 secs

71 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JAN	HZ	37	355	EP		0416	9.944	0.39							1.0
JAN	HN	37	355	ES		0416	5.579	0.46							1.0
IGT	HZ	53	296	EP		0416	1.711	-0.56							1.0
IGT	HN	53	296	ES		0416	9.997	-0.03							1.0
IGT	HZ	53	296	IAML		0416	1.002		140	0.3					
LKD2	HZ	63	199	EP		0416	4.084	0.15							1.0
LKD2	HN	63	199	ES		0416	3.864	0.83							1.0
LSK	HZ	95	345	EP		0416	8.338	-0.90							1.0
LSK	HN	95	345	ES		0416	3.113	0.47							1.0
LSK	HZ	95	345	IAML		0416	7.628		203	1.0					
SRN	HZ	98	309	EP		0416	8.780	-0.95							1.0
SRN	HE	98	309	ES		0416	3.752	0.23							1.0
SRN	HZ	98	309	IAML		0416	7.769		53	0.6					
PENT	HZ	99	12	EP		0416	9.879	-0.05							1.0
THL	HZ	100	74	EP		0416	0.326	0.20							1.0
THL	HE	100	74	ES		0416	3.859	-0.39							1.0
NEST	HZ	122	6	EP		0416	3.942	0.22							1.0
NEST	HZ	122	6	IAML		0416	8.005		77	0.6					
VLS	HZ	130	192	EP		0416	4.446	-0.69							1.0
KZN	HZ	132	34	EP		0416	5.627	0.11							1.0
KBN	HZ	144	357	EP		0416	7.657	0.17							1.0
KBN	HZ	144	357	IAML		0416	1.004		40	1.0					
BERA	HZ	173	333	EP		0416	2.662	0.65							0.9
BERA	HN	173	333	ES		0416	5.478	-0.28							0.9
BERA	HZ	173	333	IAML		0417	6.173		42	0.9					

**August 20 2022 Hour: 4:38 15.2 Lat: 38.90N Lon: 21.27E D: 7.9 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 3.2MW TIR Rms: 0.5 secs**  
**126 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	55	257	EP		0438	5.564	0.38							1.0
LKD2	HN	55	257	ES		0438	3.693	0.45							1.0
JAN	HZ	91	337	EP		0438	0.990	-0.40							1.0
THL	HZ	97	41	EP		0438	3.154	0.79							1.0
THL	HN	97	41	ES		0438	6.732	0.49							1.0
VLS	HZ	100	217	EP		0438	2.433	-0.46							1.0
VLS	HN	100	217	ES		0438	7.304	0.11							1.0
IGT	HZ	107	311	EP		0438	3.434	-0.60							1.0
IGT	HN	107	311	ES		0438	9.380	0.12							1.0
IGT	HZ	107	311	IAML		0438	1.993			26	0.3				
PENT	HZ	144	355	EP		0438	0.091	-0.12							1.0
LSK	HZ	150	337	EP		0438	0.665	-0.56							1.0
LSK	HN	150	337	ES		0439	2.304	0.04							1.0
LSK	HZ	150	337	IAML		0439	8.778			24	0.5				
KEK	HZ	156	306	EP		0438	1.533	-0.60							1.0
KEK	HN	156	306	ES		0439	4.782	0.86							1.0
KEK	HZ	156	306	IAML		0439	9.654			31	0.7				
NEST	HZ	169	353	EP		0438	3.771	-0.59							0.9
NEST	HE	169	353	ES		0439	7.951	-0.00							0.9
NEST	HZ	169	353	IAML		0439	1.715			22	0.5				

**August 22 2022 Hour: 11:25 20.8 Lat: 38.72N Lon: 20.54E D: 3.9 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR Rms: 0.7 secs**  
**109 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	13	52	EP		1125	3.231	-0.03							1.0
LKD2	HN	13	52	ES		1125	5.135	-0.14							1.0
VLS	HZ	60	176	EP		1125	1.335	-0.17							1.0
VLS	HE	60	176	ES		1125	9.823	-0.37							1.0
IGT	HZ	92	349	EP		1125	7.126	-0.17							1.0
IGT	HN	92	349	ES		1125	1.284	0.61							1.0
IGT	HZ	92	349	IAML		1125	1.762			45	0.2				
JAN	HN	108	14	IS		1125	5.320	-0.17							1.0
KEK	HZ	128	330	EP		1125	3.575	0.33							1.0
KEK	HN	128	330	ES		1126	1.747	0.29							1.0
KEK	HZ	128	330	IAML		1126	6.469			36	1.2				
SRN	HZ	137	340	EP		1125	5.075	0.26							1.0
SRN	HN	137	340	ES		1126	4.352	0.05							1.0
SRN	HZ	137	340	IAML		1126	9.688			20	0.9				
LSK	HZ	159	2	EP		1125	8.992	0.45							0.9
THL	HZ	159	53	EP		1125	8.065	-0.32							0.9
THL	HE	159	53	ES		1126	1.253	0.50							0.9
LSK	HN	159	2	ES		1126	1.391	0.35							0.9
LSK	HZ	159	2	IAML		1126	6.527			22	0.5				
PENT	HZ	172	17	EP		1125	0.700	-0.01							0.9
PENT	HN	172	17	ES		1126	5.560	0.59							0.9
NEST	HZ	194	13	EP		1125	2.044	-1.80							0.9
NEST	HN	194	13	ES		1126	8.881	-1.75							0.9
NEST	HZ	194	13	IAML		1126	8.383			13	1.2				
ITM	HZ	210	144	EP		1125	5.421	-0.39							0.9
ITM	HN	210	144	ES		1126	5.994	1.80							0.9

**August 23 2022 Hour: 7:4 7.9 Lat: 41.25N Lon: 20.93E D: 16.2 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR 2.8MW TIR Rms: 0.6 secs**  
**37 km NE of Pprenjas**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	63	320	EP		0704	9.123	-0.16							1.0
PHP	HN	63	320	ES		0704	8.022	-0.46							1.0
PHP	HZ	63	320	IAML		0704	9.964			72	0.4				

KBN	HZ	70	190	EP	0704	9.640	-0.81										1.0
KBN	HN	70	190	ES	0704	0.814	0.22										1.0
KBN	HZ	70	190	IAML	0704	5.414				51	0.5						
TIR	HZ	90	277	EP	0704	3.802	0.19										1.0
TIR	HN	90	277	ES	0704	5.458	-0.86										1.0
TIR	HZ	90	277	IAML	0704	7.313				29	0.2						
NEST	HZ	93	174	EP	0704	4.209	-0.04										1.0
NEST	HE	93	174	ES	0704	7.476	0.01										1.0
NEST	HZ	93	174	IAML	0704	1.609				88	0.8						
BERA	HZ	102	234	EP	0704	5.880	0.19										1.0
BERA	HN	102	234	ES	0704	9.848	-0.22										1.0
BERA	HZ	102	234	IAML	0704	3.994				20	0.4						
PENT	HZ	118	171	EP	0704	8.682	0.26										1.0
PENT	HE	118	171	ES	0704	5.071	0.05										1.0
PUK	HZ	123	316	EP	0704	9.272	-0.00										1.0
PUK	HN	123	316	ES	0704	6.588	0.03										1.0
PUK	HZ	123	316	IAML	0704	2.923				28	0.5						
LSK	HZ	125	193	EP	0704	9.571	0.02										1.0
LSK	HN	125	193	ES	0704	7.262	0.20										1.0
LSK	HZ	125	193	IAML	0704	9.770				45	0.5						
KZN	HZ	126	145	EP	0704	0.109	0.31										1.0
KZN	HN	126	145	ES	0704	7.599	0.09										1.0
BCI	HZ	143	330	EP	0704	2.287	-0.26										1.0
BCI	HE	143	330	ES	0704	2.378	-0.12										1.0
BCI	HZ	143	330	IAML	0704	4.490				30	0.5						
SDA	HZ	149	307	EP	0704	3.373	0.04										1.0
SDA	HN	149	307	ES	0704	4.007	0.10										1.0
SDA	HZ	149	307	IAML	0704	8.550				16	0.1						
SRN	HZ	171	208	EP	0704	6.905	0.38										0.9
SRN	HN	171	208	ES	0704	9.164	-0.52										0.9
SRN	HZ	171	208	IAML	0705	3.484				12	0.8						
PDG	HZ	191	314	EP	0704	9.467	0.40										0.9
PDG	HN	191	314	ES	0705	4.867	0.58										0.9
PDG	HZ	191	314	IAML	0705	3.535				25	2.1						
KEK	HZ	195	210	EP	0704	1.437	1.74										0.9
KEK	HN	195	210	ES	0705	5.349	-0.07										0.9
IGT	HZ	197	195	EP	0704	1.544	1.64										0.9
IGT	HE	197	195	ES	0705	5.652	-0.15										0.9
IGT	HZ	197	195	IAML	0705	0.812				13	0.4						
THL	HZ	208	153	EP	0704	0.898	-0.45										0.9
THL	HN	208	153	ES	0705	6.289	-2.12										0.9

**August 23 2022 Hour: 13:38 31.6 Lat: 40.03N Lon: 19.94E D: 14.7 Ag: TIR Local**  
**Magnitudes: 3.9ML TIR 4.0MW TIR Rms: 0.6 secs**  
**16 km NW of Delvine**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	17	164	EP		1338	5.723	0.09							1.0
SRN	HN	17	164	ES		1338	9.140	0.26							1.0
SRN	HZ	17	164	IAML		1338	2.207			13146	0.4				
KEK	HZ	38	200	EP		1338	8.718	0.02							1.0
KEK	HE	38	200	ES		1338	4.834	0.42							1.0
KEK	HZ	38	200	IAML		1338	9.978			13314	0.5				
LSK	HZ	57	76	EP		1338	1.203	-0.79							1.0
LSK	HN	57	76	ES		1338	0.131	-0.26							1.0
LSK	HZ	57	76	IAML		1338	2.581			5271	0.5				
VLO	HZ	62	322	EP		1338	2.859	0.18							1.0
VLO	HE	62	322	ES		1338	2.824	1.20							1.0
VLO	HZ	62	322	IAML		1338	7.225			6050	1.0				
IGT	HZ	65	149	EP		1338	3.465	0.31							1.0
IGT	HE	65	149	ES		1338	2.780	0.30							1.0
IGT	HZ	65	149	IAML		1339	1.335			2915	0.5				
BERA	HZ	75	0	EP		1338	4.077	-0.72							1.0
BERA	HN	75	0	ES		1338	5.825	0.36							1.0
BERA	HZ	75	0	IAML		1338	7.174			4043	0.3				

BPA2	HZ	82	340	EP	1338	6.559	0.46										1.0
JAN	HZ	88	118	EP	1338	7.301	0.24										1.0
JAN	HN	88	118	ES	1339	0.854	1.30										1.0
KBN	HZ	97	47	EP	1338	7.634	-0.98										1.0
KBN	HN	97	47	ES	1339	2.497	0.12										1.0
KBN	HZ	97	47	IAML	1339	9.729			863	0.6							
NEST	HZ	103	65	IAML	1339	2.255			1028	0.4							
PENT	HZ	103	79	EP	1338	8.933	-0.73										1.0
PENT	HN	103	79	ES	1339	3.837	-0.42										1.0
NEST	HZ	103	65	EP	1338	9.016	-0.61										1.0
NEST	HN	103	65	ES	1339	4.182	-0.01										1.0
SCTE	HZ	126	273	EP	1338	3.722	0.34										1.0
SCTE	HN	126	273	ES	1339	0.628	-0.37										1.0
TIR	HZ	146	357	EP	1338	6.679	-0.08										1.0
TIR	HE	146	357	ES	1339	7.787	0.68										1.0
TIR	HZ	146	357	IAML	1339	3.532			525	0.7							
LKD2	HZ	151	156	EP	1338	8.139	0.60										1.0
LKD2	HN	151	156	ES	1339	8.433	-0.09										1.0
KZN	HZ	159	78	EP	1338	8.680	-0.09										0.9
KZN	HN	159	78	ES	1339	0.577	-0.17										0.9
THL	HZ	185	106	EP	1339	2.702	0.54										0.9
THL	HN	185	106	ES	1339	7.002	0.11										0.9
PHP	HZ	188	13	EP	1339	2.527	-0.18										0.9
PHP	HN	188	13	ES	1339	9.135	1.26										0.9
PHP	HZ	188	13	IAML	1339	2.959			780	1.3							
VLS	HZ	213	165	EP	1339	5.761	-0.10										0.9
VLS	HN	213	165	ES	1339	3.856	0.27										0.9
PUK	HZ	223	359	EP	1339	6.516	-0.72										0.9
PUK	HN	223	359	ES	1339	6.370	0.30										0.9
PUK	HZ	223	359	IAML	1339	6.636			224	0.6							
SDA	HZ	227	351	EP	1339	6.911	-0.71										0.9
SDA	HE	227	351	ES	1339	6.903	0.13										0.9
SDA	HZ	227	351	IAML	1339	0.797			150	0.7							
NOCI	HZ	259	290	EP	1339	0.791	-0.89										0.9
NOCI	HN	259	290	ES	1339	4.709	0.60										0.9
BCI	HZ	260	2	EP	1339	1.206	-0.62										0.9
BCI	HE	260	2	ES	1339	5.235	0.86										0.9
BCI	HZ	260	2	IAML	1340	2.139			466	0.8							
THE	HZ	265	74	EP	1339	2.082	-0.40										0.9
THE	HN	265	74	ES	1339	5.899	0.32										0.9
THE	HZ	265	74	IAML	1339	9.897			105	1.1							
PDG	HZ	272	348	EP	1339	3.539	0.12										0.8
PDG	HN	272	348	ES	1339	7.605	0.35										0.8
PDG	HZ	272	348	IAML	1339	8.503			203	0.7							
TIP	HZ	290	252	EP	1339	3.810	-1.88										0.8
PLG	HZ	300	82	EP	1339	6.559	-0.50										0.8
PLG	HN	300	82	ES	1339	4.205	0.36										0.8
MRVN	HZ	338	291	EP	1339	9.979	-1.84										0.8

August 23 2022 Hour: 21:45 17.0 Lat: 38.99N Lon: 21.42E D: 12.1 Ag: TIR Local  
Magnitudes: 2.4ML TIR Rms: 0.4 secs  
129 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	70	251	EP		2145	9.304	-0.06							1.0
LKD2	HN	70	251	ES		2145	0.021	0.66							1.0
LKD2	HZ	70	251	IAML		2145	4.325			490	0.3				
THL	HZ	82	39	EP		2145	1.330	-0.03							1.0
THL	HE	82	39	ES		2145	3.001	0.03							1.0
JAN	HZ	88	327	EP		2145	2.189	-0.27							1.0
JAN	HN	88	327	ES		2145	4.576	-0.39							1.0
IGT	HZ	111	303	EP		2145	6.119	-0.12							1.0
IGT	HE	111	303	ES		2145	1.539	-0.26							1.0
VLS	HZ	116	219	EP		2145	6.323	-0.73							1.0
VLS	HN	116	219	ES		2145	3.280	0.01							1.0

PENT	HZ	135	350	EP		2145	0.840	0.45									1.0
LSK	HZ	146	332	EP		2145	1.719	-0.44									1.0
LSK	HZ	146	332	IAML		2146	6.155			14	0.7						
NEST	HZ	161	349	EP		2145	5.347	0.75									0.9
KEK	HZ	161	300	EP		2145	5.023	0.51									0.9
KEK	HZ	161	300	IAML		2146	9.215			35	1.3						
NEST	HZ	161	349	IAML		2146	4.835			11	0.9						

**August 24 2022 Hour: 3:14 19.8 Lat: 39.22N Lon: 21.46E D: 41.5 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 3.0MW TIR Rms: 0.7 secs**  
**108 km E of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THL	HZ	62	51	EP		0314	1.699	-0.33							1.0
JAN	HZ	72	313	EP		0314	0.819	-2.51							0.5
LKD2	HZ	84	236	EP		0314	5.177	0.27							1.0
LKD2	HE	84	236	ES		0314	7.927	0.78							1.0
IGT	HZ	103	290	EP		0314	6.285	-1.06							1.0
IGT	HZ	103	290	IAML		0314	0.613			26	0.2				
IGT	HE	103	290	ES		0314	1.060	-0.49							1.0
PENT	HZ	112	346	EP		0314	8.840	0.22							1.0
KZN	HZ	124	12	EP		0314	9.919	-0.20							1.0
LSK	HZ	127	325	EP		0314	9.882	-0.64							1.0
LSK	HN	127	325	ES		0314	7.836	0.54							1.0
LSK	HZ	127	325	IAML		0315	1.285			36	0.7				
VLS	HZ	138	213	EPN2		0312	9.777								
NEST	HZ	138	345	EP		0314	2.029	0.16							1.0
NEST	HN	138	345	ES		0315	0.495	0.74							1.0
NEST	HZ	138	345	IAML		0315	1.813			28	0.1				
SRN	HZ	145	301	IAML		0315	5.639			21	0.4				
KBN	HZ	166	340	EP		0314	6.229	0.69							0.9
KBN	HZ	166	340	IAML		0315	5.647			12	0.5				
BERA	HZ	209	323	IAML		0315	8.207			16	1.0				
PLG	HZ	213	52	EP		0314	1.593	0.07							0.9

**August 24 2022 Hour: 4: 6 18.5 Lat: 41.80N Lon: 19.33E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR 2.3MW TIR Rms: 0.3 secs**  
**26 km W of Lezhe**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SDA	HZ	31	27	EP		0406	4.804	0.39							1.0
SDA	HE	31	27	ES		0406	9.810	0.57							1.0
SDA	HZ	31	27	IAML		0406	0.414			226	0.1				
PUK	HZ	54	60	EP		0406	8.169	-0.11							1.0
PUK	HN	54	60	ES		0406	6.316	0.09							1.0
PUK	HZ	54	60	IAML		0406	6.803			43	0.3				
TIR	HZ	67	138	EP		0406	0.717	0.31							1.0
TIR	HE	67	138	ES		0406	9.811	-0.26							1.0
TIR	HZ	67	138	IAML		0406	1.547			13	0.3				
PDG	HZ	70	356	EP		0406	0.630	-0.26							1.0
PDG	HE	70	356	ES		0406	0.741	-0.22							1.0
PDG	HZ	70	356	IAML		0406	2.552			15	0.2				
BCI	HZ	88	44	EP		0406	3.390	-0.49							1.0
BCI	HN	88	44	ES		0406	6.384	0.03							1.0
BCI	HZ	88	44	IAML		0406	5.491			28	0.4				
PHP	HZ	94	97	EP		0406	4.517	-0.30							1.0
PHP	HN	94	97	ES		0406	7.881	-0.18							1.0
PHP	HZ	94	97	IAML		0406	0.295			11	0.2				
BERA	HZ	132	157	EP		0406	1.217	-0.04							1.0
BERA	HN	132	157	ES		0406	9.977	0.27							1.0
BERA	HZ	132	157	IAML		0407	0.933			19	0.4				
NEST	HZ	211	136	EP		0406	3.143	0.26							0.9
NEST	HZ	211	136	IAML		0407	3.915			5	0.2				

August 24 2022 Hour: 7: 0 18.5 Lat: 40.13N Lon: 19.94E D: 9.6 Ag: TIR Local  
 Magnitudes: 2.0ML TIR 2.5MW TIR Rms: 0.5 secs  
 17 km E of Himare

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	29	170	EP		0700	3.453	-0.41							1.0
SRN	HZ	29	170	ES		0700	8.719	0.49							1.0
SRN	HZ	29	170	IAML	A	0700	9.121			147	0.3				
SRN	HZ	29	170	IAML		0700	9.252			142	0.3				
KEK	HZ	48	195	EP		0700	6.979	-0.29							1.0
KEK	HN	48	195	ES		0700	5.062	0.65							1.0
KEK	HZ	48	195	IAML		0700	6.152			37	0.2				
LSK	HZ	56	88	EP		0700	8.009	-0.62							1.0
LSK	HN	56	88	ES		0700	7.383	0.51							1.0
LSK	HZ	56	88	IAML		0700	9.171			44	0.2				
BERA	HZ	63	1	EP		0700	9.524	-0.26							1.0
BERA	HN	63	1	ES		0700	9.027	0.07							1.0
BERA	HZ	63	1	IAML		0700	0.220			59	0.2				
IGT	HZ	75	153	EP		0700	1.092	-0.63							1.0
IGT	HN	75	153	ES		0700	2.379	-0.09							1.0
IGT	HZ	75	153	IAML		0700	5.838			23	0.1				
NEST	HZ	99	71	EP		0700	5.294	-0.55							1.0
NEST	HN	99	71	ES		0700	0.354	0.42							1.0
NEST	HZ	99	71	IAML		0700	2.661			8	0.2				
PUK	HZ	212	359	EP		0700	3.711	0.55							0.9
PUK	HN	212	359	ES		0701	1.578	0.32							0.9
PUK	HZ	212	359	IAML		0701	6.108			3	0.3				

August 25 2022 Hour: 19:35 47.9 Lat: 40.09N Lon: 19.89E D: 7.5 Ag: TIR Local  
 Magnitudes: 2.5ML TIR 3.1MW TIR Rms: 0.9 secs  
 12 km E of Himare

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	25	158	EP		1935	2.123	-0.41							1.0
SRN	HE	25	158	ES		1935	6.972	0.68							1.0
SRN	HZ	25	158	IAML		1936	0.437			636	0.7				
KEK	HZ	42	191	EP		1935	5.178	-0.41							1.0
KEK	HN	42	191	ES		1936	2.476	0.65							1.0
KEK	HZ	42	191	IAML		1936	7.382			243	0.3				
VLO	HZ	54	322	EP		1935	8.095	0.44							1.0
VLO	HN	54	322	ES		1936	6.586	1.03							1.0
VLO	HZ	54	322	IAML		1936	3.231			417	0.5				
LSK	HZ	61	83	EP		1935	8.636	-0.20							1.0
LSK	HN	61	83	ES		1936	9.230	1.54							1.0
LSK	HZ	61	83	IAML		1936	8.709			118	0.6				
IGT	HZ	72	148	EP		1936	0.411	-0.47							1.0
IGT	HN	72	148	ES		1936	1.912	0.52							1.0
IGT	HZ	72	148	IAML		1936	5.680			49	0.3				
JAN	HZ	95	120	EP		1936	4.936	0.24							1.0
JAN	HN	95	120	ES		1936	8.080	-0.21							1.0
KBN	HZ	97	52	EP		1936	2.797	-2.18							1.0
KBN	HZ	97	52	IAML		1936	0.063			25	0.7				
NEST	HZ	105	69	EP		1936	5.184	-1.20							1.0
NEST	HZ	105	69	IAML		1936	6.914			35	0.3				
PENT	HZ	107	83	EP		1936	5.179	-1.54							1.0
SCTE	HZ	122	270	EP		1936	9.524	0.43							1.0
SCTE	HN	122	270	ES		1936	5.269	-0.99							1.0
TIR	HZ	140	359	EP		1936	2.327	0.16							1.0
TIR	HN	140	359	ES		1936	1.285	-0.54							1.0
TIR	HZ	140	359	IAML		1936	9.319			32	0.7				
PHP	HZ	183	14	EP		1936	9.289	0.14							0.9
PHP	HN	183	14	ES		1936	5.562	1.10							0.9
PHP	HZ	183	14	IAML		1936	3.551			42	1.5				
THL	HZ	191	107	EP		1936	0.223	0.19							0.9
THL	HN	191	107	ES		1936	6.923	0.87							0.9



PUK	HZ	217	0	EP	1936	2.365	-1.15										0.9
PUK	HN	217	0	ES	1936	3.023	0.66										0.9
PUK	HZ	217	0	IAML	1937	0.780				11	0.5						
BCI	HZ	254	3	EP	1936	7.848	-0.29										0.9
BCI	HN	254	3	ES	1937	2.066	1.34										0.9
BCI	HZ	254	3	IAML	1937	5.466				20	0.8						

**August 26 2022 Hour: 0:30 30.5 Lat: 39.29N Lon: 20.03E D: 11.8 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR 2.7MW TIR Rms: 0.7 secs**  
**42 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	37	43	EP		0030	7.044	-0.40							1.0
IGT	HE	37	43	ES		0030	2.483	-0.57							1.0
IGT	HZ	37	43	IAML		0030	2.776			261	0.2				
KEK	HZ	51	337	EP		0030	0.181	0.41							1.0
KEK	HE	51	337	ES		0030	7.951	0.69							1.0
KEK	HZ	51	337	IAML		0030	3.750			76	0.5				
SRN	HZ	66	357	EP		0030	1.435	-0.72							1.0
SRN	HE	66	357	ES		0030	2.038	0.46							1.0
SRN	HZ	66	357	IAML		0031	0.468			48	0.9				
LKD2	HZ	78	136	EP		0030	4.794	0.63							1.0
LKD2	HN	78	136	ES		0030	5.697	0.48							1.0
JAN	HZ	81	60	EP		0030	4.464	-0.32							1.0
JAN	HN	81	60	ES		0030	5.858	-0.48							1.0
LSK	HZ	107	27	EP		0030	7.691	-1.43							1.0
LSK	HN	107	27	ES		0031	4.852	0.67							1.0
LSK	HZ	107	27	IAML		0031	8.305			17	0.9				
VLS	HZ	133	159	IPg		0030	4.021	0.67							1.0
VLS	HE	133	159	ES		0031	1.835	-0.01							1.0
PENT	HZ	138	43	EP		0030	3.444	-0.86							1.0
NEST	HZ	152	34	EP		0030	6.198	-0.43							1.0
NEST	HE	152	34	ES		0031	8.744	0.96							1.0
NEST	HZ	152	34	IAML		0031	1.827			15	0.9				
SCTE	HZ	160	303	EP		0030	7.630	-0.28							0.9
SCTE	HE	160	303	ES		0031	9.991	-0.11							0.9
KBN	HZ	161	23	EP		0030	8.969	0.79							0.9
KBN	HE	161	23	ES		0031	1.732	1.15							0.9
KBN	HZ	161	23	IAML		0031	8.462			8	1.5				
THL	HZ	173	79	IPg		0030	9.226	-0.86							0.9
THL	HE	173	79	ES		0031	4.139	0.49							0.9
KZN	HZ	187	52	EP		0031	1.916	0.21							0.9
PHP	HZ	268	7	EP		0031	2.063	-0.06							0.9
PUK	HZ	306	358	EP		0031	5.621	-1.37							0.8

**August 26 2022 Hour: 21:33 47.6 Lat: 38.69N Lon: 20.58E D: 5.7 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR Rms: 0.3 secs**  
**113 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	13	31	EP		2133	0.304	0.11							1.0
LKD2	HN	13	31	ES		2133	2.301	0.03							1.0
VLS	HZ	57	179	EP		2133	7.689	-0.17							1.0
VLS	HN	57	179	ES		2134	6.303	0.17							1.0
IGT	HZ	96	347	EP		2134	3.522	-1.19							0.5
IGT	HZ	96	347	IAML		2134	0.842			17	0.4				
JAN	HZ	110	12	EP		2134	6.767	-0.27							1.0
JAN	HN	110	12	ES		2134	2.663	-0.08							1.0
KEK	HZ	132	330	EP		2134	0.548	-0.18							1.0
KEK	HN	132	330	ES		2134	9.622	0.19							1.0
KEK	HZ	132	330	IAML		2134	0.428			15	0.4				
SRN	HZ	141	339	EP		2134	2.375	0.14							1.0
SRN	HN	141	339	ES		2134	2.214	0.05							1.0
THL	HZ	158	51	EP		2134	5.061	0.11							0.9
PENT	HZ	174	16	EP		2134	7.727	-0.03							0.9
NEST	HZ	196	12	EP		2134	1.173	0.41							0.9

NEST HZ 196 12 IAML 2134 2.697 7 0.7  
 ITM HZ 205 144 EP 2134 1.785-0.11 0.9

**August 27 2022 Hour: 12:16 19.1 Lat: 42.34N Lon: 19.48E D: 27.5 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR 2.6MW TIR Rms: 0.4 secs**

**14 km N of Koplík**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PDG	HZ	21	298	EP		1216	5.366	0.42							1.0
PDG	HN	21	298	ES		1216	9.824	0.12							1.0
PDG	HZ	21	298	IAML		1216	0.873		252	0.2					
SDA	HZ	32	178	EP		1216	6.349	0.08							1.0
SDA	HE	32	178	ES		1216	1.948	-0.16							1.0
SDA	HZ	32	178	IAML		1216	4.955		114	0.3					
PUK	HZ	47	134	EP		1216	8.528	0.10							1.0
PUK	HN	47	134	ES		1216	5.590	-0.42							1.0
PUK	HZ	47	134	IAML		1216	8.900		53	0.2					
BCI	HZ	48	86	EP		1216	8.500	-0.02							1.0
BCI	HN	48	86	ES		1216	5.940	-0.24							1.0
BCI	HZ	48	86	IAML		1216	6.307		110	0.2					
PHP	HZ	108	132	EP		1216	7.693	-0.02							1.0
PHP	HN	108	132	ES		1216	2.885	0.08							1.0
PHP	HZ	108	132	IAML		1216	6.082		14	0.7					
TIR	HZ	115	164	EP		1216	8.180	-0.60							1.0
TIR	HE	115	164	ES		1216	5.419	0.68							1.0
TIR	HZ	115	164	IAML		1216	9.217		16	0.2					
BERA	HZ	186	168	EP		1216	8.277	-0.18							0.9
BERA	HN	186	168	ES		1217	1.716	-0.55							0.9
BERA	HZ	186	168	IAML		1217	9.508		13	0.7					
NEST	HZ	251	148	EP		1216	7.746	0.86							0.9
NEST	HN	251	148	ES		1217	8.206	0.70							0.9
NEST	HZ	251	148	IAML		1217	7.062		5	0.5					
MRVN	HZ	308	244	EP		1217	3.363	-0.85							0.8
IGT	HZ	320	167	EP		1217	5.661	0.01							0.8
IGT	HZ	320	167	IAML		1217	0.239		4	0.3					

**August 28 2022 Hour: 2:33 2.7 Lat: 40.87N Lon: 19.81E D: 14.3 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 2.8MW TIR Rms: 0.3 secs**

**11 km NW of Kucove**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ERA	HH			P		2303	6.736								
BERA	HZ	22	147	EP		0233	6.778	-0.43							1.0
BERA	HE	22	147	ES		0233	0.614	-0.28							1.0
BERA	HZ	22	147	IAML		0233	1.671		264	0.1					
VLO	HZ	52	211	EP		0233	1.924	-0.06							1.0
VLO	HN	52	211	ES		0233	9.719	0.17							1.0
VLO	HZ	52	211	IAML		0233	2.358		310	0.2					
TIR	HZ	54	5	EP		0233	2.589	0.23							1.0
TIR	HE	54	5	ES		0233	0.424	0.20							1.0
TIR	HZ	54	5	IAML		0233	1.177		32	0.6					
KBN	HZ	87	108	EP		0233	7.817	-0.07							1.0
KBN	HE	87	108	ES		0233	0.507	0.28							1.0
KBN	HZ	87	108	IAML		0233	4.420		21	0.3					
LSK	HZ	104	140	EP		0233	0.610	-0.13							1.0
LSK	HN	104	140	ES		0233	5.848	0.46							1.0
LSK	HZ	104	140	IAML		0233	3.503		36	0.4					
PHP	HZ	105	30	EP		0233	0.263	-0.68							1.0
PHP	HZ	105	30	IAML		0233	1.038		18	0.1					
SRN	HZ	111	172	EP		0233	1.874	0.06							1.0
SRN	HN	111	172	ES		0233	7.790	0.46							1.0
SRN	HZ	111	172	IAML		0233	0.774		44	0.3					
NEST	HZ	116	115	EP		0233	2.317	-0.47							1.0
NEST	HN	116	115	ES		0233	9.198	0.10							1.0
NEST	HZ	116	115	IAML		0233	3.138		26	0.3					
KEK	HZ	128	180	EP		0233	4.676	-0.04							1.0

KEK	HN	128	180	ES	0233	2.531	-0.06										1.0
KEK	HZ	128	180	IAML	0233	4.310			34	0.4							
PUK	HZ	131	3	EP	0233	5.518	0.28										1.0
PUK	HN	131	3	ES	0233	3.957	0.42										1.0
PUK	HZ	131	3	IAML	0233	6.791			36	0.3							
SDA	HZ	134	349	EP	0233	5.935	0.22										1.0
SDA	HE	134	349	ES	0233	4.248	-0.14										1.0
SDA	HZ	134	349	IAML	0233	6.294			29	0.3							
PENT	HZ	135	123	EP	0233	5.762	-0.15										1.0
IGT	HZ	155	163	EP	0233	8.976	-0.16										1.0
IGT	HE	155	163	ES	0233	0.671	0.09										1.0
IGT	HZ	155	163	IAML	0233	1.305			12	0.2							
JAN	HZ	161	146	EP	0233	0.067	-0.06										0.9
JAN	HN	161	146	ES	0233	2.603	0.21										0.9
BCI	HZ	168	7	EP	0233	1.426	0.28										0.9
BCI	HE	168	7	ES	0233	4.151	-0.08										0.9
BCI	HZ	168	7	IAML	0233	5.604			32	0.6							
KZN	HZ	177	110	EP	0233	2.399	0.04										0.9
PDG	HZ	180	345	EP	0233	2.158	-0.41										0.9
PDG	HZ	180	345	IAML	0233	6.908			24	0.4							
THL	HZ	237	127	EP	0233	9.842	-0.06										0.9
LKD2	HZ	242	162	EP	0233	9.311	-1.27										0.4

**August 28 2022 Hour: 8:48 49.4 Lat: 39.18N Lon: 20.57E D: 17.4 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 2.9MW TIR Rms: 0.6 secs**

**63 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	44	170	EP		0848	7.422	-0.19							1.0
LKD2	HE	44	170	ES		0849	5.077	0.82							1.0
IGT	HZ	45	333	EP		0848	6.680	-1.05							1.0
IGT	HN	45	333	ES		0849	4.705	0.24							1.0
IGT	HZ	45	333	IAML		0849	8.130		312	0.3					
JAN	HZ	59	24	EP		0848	8.970	-1.08							1.0
JAN	HN	59	24	ES		0849	8.816	0.15							1.0
KEK	HZ	89	312	EP		0849	4.354	-0.69							1.0
KEK	HN	89	312	ES		0849	8.198	0.49							1.0
KEK	HZ	89	312	IAML		0849	2.680		139	0.6					
SRN	HZ	92	328	EP		0849	4.926	-0.61							1.0
SRN	HN	92	328	ES		0849	9.235	0.65							1.0
SRN	HZ	92	328	IAML		0849	4.256		34	0.1					
LSK	HZ	108	1	EP		0849	8.519	0.26							1.0
LSK	HN	108	1	ES		0849	4.243	0.72							1.0
LSK	HZ	108	1	IAML		0849	9.238		35	0.6					
VLS	HZ	111	179	EP		0849	8.405	-0.26							1.0
VLS	HN	111	179	ES		0849	4.703	0.44							1.0
PENT	HZ	123	23	EP		0849	9.550	-1.25							1.0
PENT	HN	123	23	ES		0849	8.736	0.62							1.0
THL	HZ	132	70	EP		0849	2.620	0.47							1.0
THL	HN	132	70	ES		0849	0.250	-0.31							1.0
NEST	HZ	144	17	EP		0849	3.852	-0.22							1.0
NEST	HN	144	17	ES		0849	4.755	0.72							1.0
NEST	HZ	144	17	IAML		0849	3.408		17	0.7					
BERA	HZ	178	343	EP		0849	9.298	0.55							0.9
BERA	HN	178	343	ES		0849	2.317	-0.19							0.9
BERA	HZ	178	343	IAML		0849	5.690		18	0.4					
SCTE	HZ	206	300	EP		0849	2.228	-0.17							0.9
TIP	HZ	329	271	EP		0849	8.208	-0.06							0.8

August 30 2022 Hour: 3:49 34.4 Lat: 38.59N Lon: 20.51E D: 9.6 Ag: TIR Local  
 Magnitudes: 4.5ML TIR 4.4MW TIR Rms: 0.8 secs  
 122 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	26	31	EP		0349	9.932	0.60							1.0
LKD2	HE	26	31	ES		0349	3.728	0.41							1.0
VLS	HZ	46	171	EP		0349	3.063	0.19							1.0
VLS	HE	46	171	ES		0349	9.659	-0.07							1.0
IGT	HZ	106	352	EP		0349	2.254	-0.59							1.0
IGT	HE	106	352	ES		0350	8.193	0.42							1.0
IGT	HZ	106	352	IAML		0350	5.867		4685	0.4					
JAN	HZ	122	14	EP		0349	5.520	-0.07							1.0
JAN	HE	122	14	ES		0350	3.084	0.34							1.0
KEK	HZ	139	334	EP		0349	8.291	-0.07							1.0
KEK	HN	139	334	ES		0350	7.837	0.06							1.0
KEK	HZ	139	334	IAML		0350	5.752		7040	0.6					
SRN	HZ	150	343	EP		0350	0.559	0.40							1.0
SRN	HN	150	343	ES		0350	0.569	-0.45							1.0
SRN	HZ	150	343	IAML		0350	8.698		2117	0.5					
THL	HZ	170	50	EP		0350	2.822	-0.64							0.9
THL	HE	170	50	ES		0350	5.508	-1.48							0.9
LSK	HZ	173	3	EP		0350	4.500	0.34							0.9
LSK	HN	173	3	ES		0350	9.403	1.15							0.9
LSK	HZ	173	3	IAML		0350	1.296		4415	1.2					
PENT	HZ	186	17	EP		0350	6.713	0.87							0.9
PENT	HE	186	17	ES		0350	0.994	-0.32							0.9
ITM	HZ	200	141	EP		0350	9.384	1.85							0.9
ITM	HN	200	141	ES		0350	4.908	0.53							0.9
NEST	HZ	208	13	EP		0350	9.833	1.24							0.9
NEST	HN	208	13	ES		0350	6.412	0.12							0.9
NEST	HZ	208	13	IAML		0350	4.750		2104	0.6					
KZN	HZ	219	29	EP		0350	0.087	0.03							0.9
KZN	HN	219	29	ES		0350	8.941	-0.01							0.9
VLO	HZ	226	338	EP		0350	0.011	-0.78							0.9
VLO	HN	226	338	ES		0350	0.719	0.45							0.9
VLO	HZ	226	338	IAML		0350	0.589		2183	0.5					
KBN	HZ	227	6	EP		0350	1.670	0.65							0.9
KBN	HE	227	6	ES		0350	1.186	0.50							0.9
KBN	HZ	227	6	IAML		0350	3.927		1411	1.2					
BERA	HZ	239	349	EP		0350	2.008	-0.51							0.9
BERA	HN	239	349	ES		0350	4.237	0.85							0.9
BERA	HZ	239	349	IAML		0351	2.893		1653	0.7					
SCTE	HZ	241	314	EP		0350	1.725	-0.98							0.9
BPA2	HZ	250	343	EP		0350	3.629	-0.18							0.9
THE	HZ	310	42	EP		0350	9.682	-1.86							0.8
THE	HZ	310	42	IAML		0351	2.581		259	0.9					
TIR	HZ	311	350	EP		0350	0.576	-1.14							0.8
TIR	HZ	311	350	IAML		0351	7.896		373	1.1					
PLG	HZ	321	51	EP		0350	1.640	-1.40							0.8
TIP	HZ	332	283	EP		0350	3.374	-1.06							0.8
PHP	HZ	344	359	EP		0350	5.584	-0.37							0.8
PHP	HZ	344	359	IAML		0351	2.139		303	0.9					
SDA	HZ	394	348	IAML		0351	5.361		170	0.8					
BCI	HZ	421	355	EP		0350	5.128	-0.73							0.7
BCI	HZ	421	355	IAML		0351	7.695		541	1.0					

August 31 2022 Hour: 8:21 13.4 Lat: 38.84N Lon: 21.20E D: 10.3 Ag: TIR Local  
 Magnitudes: 2.3ML TIR Rms: 0.5 secs  
 126 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	47	263	EP		0821	2.425	0.33							1.0
LKD2	HN	47	263	ES		0821	9.941	0.85							1.0
VLS	HZ	91	216	EP		0821	8.683	-0.63							1.0

VLS	HN	91	216	ES		0821	0.965	-1.20									1.0
JAN	HZ	96	342	EP		0821	0.586	0.42									1.0
JAN	HN	96	342	ES		0821	3.507	-0.19									1.0
THL	HZ	107	41	EP		0821	1.802	-0.26									1.0
THL	HE	107	41	ES		0821	6.599	-0.53									1.0
IGT	HZ	107	316	EP		0821	2.151	0.05									1.0
IGT	HE	107	316	ES		0821	7.450	0.25									1.0
IGT	HZ	107	316	IAML		0821	4.604			27	0.5						
LSK	HZ	154	341	EP		0821	0.252	0.26									1.0
LSK	HN	154	341	ES		0822	1.348	-0.14									1.0
LSK	HZ	154	341	IAML		0822	0.014			19	0.7						
KEK	HZ	155	309	EP		0821	0.440	0.42									1.0
KEK	HN	155	309	ES		0822	0.620	-0.93									1.0
KEK	HZ	155	309	IAML		0822	2.844			34	0.4						
SRN	HZ	155	319	EP		0821	9.800	-0.22									1.0
SRN	HZ	155	319	IAML		0822	4.151			17	0.3						
NEST	HZ	175	356	EP		0821	3.805	0.42									0.9
NEST	HN	175	356	ES		0822	7.700	0.07									0.9
NEST	HZ	175	356	IAML		0822	1.768			14	0.5						
ITM	HZ	195	161	EP		0821	6.267	0.45									0.9
ITM	HN	195	161	ES		0822	2.794	0.75									0.9

**August 31 2022 Hour: 19: 3 1.9 Lat: 39.40N Lon: 20.72E D: 14.2 Ag: TIR Local**  
**Magnitudes: 2.5ML TIR Rms: 0.2 secs**  
**54 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JAN	HZ	31	22	EP		1903	8.003	0.07							1.0
JAN	HE	31	22	ES		1903	3.007	0.22							1.0
IGT	HZ	36	294	EP		1903	8.668	-0.09							1.0
IGT	HE	36	294	ES		1903	4.167	-0.11							1.0
IGT	HZ	36	294	IAML		1903	6.893			223	0.2				
LKD2	HZ	68	184	EP		1903	4.255	0.21							1.0
LKD2	HN	68	184	ES		1903	4.175	0.33							1.0
SRN	HZ	81	311	EP		1903	5.671	-0.53							1.0
SRN	HN	81	311	ES		1903	8.008	0.25							1.0
SRN	HZ	81	311	IAML		1903	2.329			69	0.4				
LSK	HZ	84	353	EP		1903	6.877	0.19							1.0
LSK	HN	84	353	ES		1903	8.659	0.02							1.0
LSK	HZ	84	353	IAML		1903	2.492			111	0.8				
KEK	HZ	86	294	EP		1903	7.013	-0.01							1.0
KEK	HZ	86	294	IAML		1903	4.729			99	0.3				
PENT	HZ	96	22	EP		1903	8.437	-0.20							1.0
PENT	HE	96	22	ES		1903	2.265	0.10							1.0
THL	HZ	113	80	EP		1903	1.092	-0.45							1.0
NEST	HZ	116	14	EP		1903	2.131	0.04							1.0
NEST	HE	116	14	ES		1903	8.398	-0.01							1.0
NEST	HZ	116	14	IAML		1903	4.602			46	0.4				
KZN	HZ	135	42	EP		1903	4.819	-0.43							1.0
KZN	HN	135	42	ES		1903	4.418	0.28							1.0
VLS	HZ	136	185	EP		1903	5.036	-0.35							1.0
VLS	HE	136	185	ES		1903	4.467	0.10							1.0
BERA	HZ	159	336	EP		1903	9.371	0.32							0.9
BERA	HN	159	336	ES		1903	0.872	-0.14							0.9
BERA	HZ	159	336	IAML		1903	3.890			27	0.3				
PHP	HZ	255	355	EP		1903	1.788	0.22							0.9

**August 31 2022 Hour: 19: 6 6.2 Lat: 39.38N Lon: 20.73E D: 16.7 Ag: TIR Local**  
**Magnitudes: 2.7ML TIR Rms: 0.7 secs**  
**55 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JAN	HZ	32	19	EP		1906	2.361	-0.20							1.0
JAN	HE	32	19	ES		1906	7.508	-0.18							1.0
IGT	HZ	38	296	EP		1906	3.062	-0.36							1.0
IGT	HE	38	296	ES		1906	8.851	-0.39							1.0

IGT	HZ	38	296	IAML	1906	1.726		297	0.3	
LKD2	HZ	66	185	EP	1906	8.442	0.34			1.0
LKD2	HE	66	185	ES	1906	8.629	0.90			1.0
SRN	HZ	83	312	EP	1906	0.573	-0.26			1.0
SRN	HN	83	312	ES	1906	2.387	-0.27			1.0
SRN	HZ	83	312	IAML	1906	5.990		78	0.2	
LSK	HZ	86	353	EP	1906	1.183	-0.13			1.0
LSK	HN	86	353	ES	1906	3.973	0.44			1.0
LSK	HZ	86	353	IAML	1906	6.890		180	0.8	
KEK	HZ	88	295	EP	1906	0.865	-0.74			1.0
KEK	HZ	88	295	IAML	1906	7.938		162	0.4	
PENT	HZ	97	21	EP	1906	2.868	-0.29			1.0
PENT	HE	97	21	ES	1906	6.954	0.08			1.0
THL	HZ	113	79	EP	1906	5.127	-0.61			1.0
THL	HE	113	79	ES	1906	0.943	-0.60			1.0
NEST	HZ	118	13	EP	1906	6.258	-0.37			1.0
NEST	HZ	118	13	IAML	1906	6.145		78	0.4	
VLS	HZ	135	185	EP	1906	9.236	-0.18			1.0
VLS	HN	135	185	ES	1906	8.379	0.18			1.0
KZN	HZ	136	41	EP	1906	8.984	-0.68			1.0
KZN	HN	136	41	ES	1906	8.909	0.26			1.0
KBN	HZ	138	2	EP	1906	2.373	2.43			1.0
KBN	HE	138	2	ES	1906	0.571	1.41			1.0
KBN	HZ	138	2	IAML	1906	6.414		49	1.0	
BERA	HZ	161	336	EP	1906	3.446	-0.01			0.9
BERA	HN	161	336	ES	1906	4.933	-0.59			0.9
BERA	HZ	161	336	IAML	1906	8.442		55	0.6	
PLG	HZ	257	64	EP	1906	5.444	-0.44			0.9
PHP	HZ	257	355	EP	1906	6.036	0.21			0.9
PUK	HZ	303	347	EP	1906	2.014	0.15			0.8