

ISSN: 2664-410X

Monthly Bulletin of Seismology

from the

Albanian Seismic Network (ASN)

July

2023

Department of Seismology (DS)
Institute of Geosciences, (IGEO)
Polytechnic University of Tirana (PUT)

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

GENERAL BULLETIN INFORMATION

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

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

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

Magnitudes are calculated from amplitudes.

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

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

where, D is the hypocentral distance (km).

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

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

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

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

STATIONS USED

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

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

REGIONAL STATIONS

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

MACROSEISMIC DATA

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

Abbreviations:

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

LAT: Latitude of epicenter

LON: Longitude of epicenter

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

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

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

RMS: Root mean square value of travel time residuals

STAT: Station code

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

DIST: Epicenter distance (km)

AZI: Azimuth from source to station

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

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

HR: Hour

MN: Minute

SECON: Seconds

TRES: Residual (seconds)

CODA: Signal duration in seconds

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

PERI: Period where amplitude is measured

BAZ: Back azimuth (station to event)

ARES: Back azimuth residual

VELO: Apparent phase velocity (km/sec)

WT: Weight of phase in the location

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

References:

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

July 1 2023 Hour: 17:35 23.0 Lat: 40.41N Lon: 20.98E D: 9.0 Ag: TIR Local
 Magnitudes: 2.8ML TIR 3.3MW TIR Rms: 0.8 secs
 22 km E of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	6	81	EP		1735	5.624	0.52							1.0
NEST	HN	6	81	ES		1735	7.877	1.06							1.0
NEST	HZ	6	81	IAML		1735	9.053			2364	0.2				
KBN	HZ	29	326	EP		1735	8.117	-0.34							1.0
KBN	HN	29	326	ES		1735	2.706	-0.17							1.0
KBN	HZ	29	326	IAML		1735	3.232			653	0.3				
LSK	HZ	43	229	EP		1735	9.794	-1.07							1.0
LSK	HN	43	229	ES		1735	6.108	-1.13							1.0
LSK	HZ	43	229	IAML		1735	8.304			740	0.5				
AL05AHZ		60	304	EP		1735	3.000	-0.78							1.0
AL05AHN		60	304	ES		1735	2.652	0.14							1.0
AL07AHZ		60	335	EP		1735	4.252	0.35							1.0
KZN	HZ	68	99	EP		1735	4.819	-0.47							1.0
KZN	HE	68	99	ES		1735	6.013	0.77							1.0
TPE	HZ	83	262	EP		1735	6.703	-0.91							1.0
TPE	HN	83	262	ES		1735	9.692	0.25							1.0
TPE	HZ	83	262	IAML		1735	3.906			237	0.7				
JAN	HZ	84	187	EP		1735	7.405	-0.45							1.0
JAN	HN	84	187	ES		1735	0.310	0.42							1.0
BERA	HZ	93	291	EP		1735	7.766	-1.57							1.0
BERA	HN	93	291	ES		1735	2.613	0.04							1.0
BERA	HZ	93	291	IAML		1735	8.492			149	0.5				
SRN	HZ	102	235	EP		1735	0.971	0.20							1.0
SRN	HN	102	235	ES		1735	5.490	0.32							1.0
SRN	HZ	102	235	IAML		1735	9.777			77	0.4				
AL08AHZ		107	317	EP		1735	1.375	-0.32							1.0
AL06AHZ		109	252	EP		1735	1.948	-0.14							1.0
IGT	HZ	112	210	EP		1735	2.689	0.25							1.0
IGT	HN	112	210	ES		1735	8.859	0.67							1.0
IGT	HZ	112	210	IAML		1736	5.338			47	0.5				
VLO	HZ	126	274	EP		1735	5.949	1.14							1.0
VLO	HZ	126	274	IAML		1736	0.456			185	0.6				
KEK	HZ	127	233	EP		1735	6.410	1.46							1.0
THL	HZ	129	136	EP		1735	4.767	-0.54							1.0
TIR	HZ	140	318	EP		1735	8.248	1.01							1.0
TIR	HZ	140	318	IAML	A	1736	2.926			47	0.8				
TIR	HZ	140	318	IAML		1736	3.013			46	0.6				
PHP	HZ	149	343	EP		1735	7.573	-1.12							1.0
PHP	HN	149	343	ES		1736	8.641	-0.87							1.0
PHP	HZ	149	343	IAML		1736	0.506			72	0.4				
AL03AHZ		156	329	EP		1735	0.176	0.33							1.0
LACI	HZ	173	323	EP		1735	3.544	0.90							0.9
LACI	HN	173	323	ES		1736	6.668	0.01							0.9
LACI	HZ	173	323	IAML		1736	1.434			68	0.9				
KKS	HZ	191	346	EP		1735	5.192	0.14							0.9
PUK	HZ	203	334	EP		1735	7.541	0.90							0.9
PUK	HN	203	334	ES		1736	5.179	1.29							0.9
PUK	HZ	203	334	IAML		1736	8.763			22	0.2				
PLG	HZ	210	90	EP		1735	6.105	-1.31							0.9
PLG	HN	210	90	ES		1736	4.157	-1.14							0.9
BCI	HZ	231	341	EP		1736	0.429	0.32							0.9

July 1 2023 Hour: 23:24 57.9 Lat: 41.38N Lon: 20.40E D: 17.6 Ag: TIR Local
 Magnitudes: 2.7ML TIR 3.1MW TIR Rms: 0.6 secs
 19 km SE of Bulqize

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	34	5	EP		2325	5.267	0.60							1.0
PHP	HE	34	5	ES		2325	1.162	1.02							1.0
PHP	HZ	34	5	IAML		2325	2.292			328	0.2				

AL08AHZ	39	220	EP	2325	4.708-0.70			1.0
AL08AHN	39	220	ES	2325	0.394-1.09			1.0
AL03AHZ	42	307	EP	2325	5.648-0.12			1.0
AL03AHN	42	307	ES	2325	1.647-0.48			1.0
TIR HZ	45	266	EP	2325	5.553-0.76			1.0
TIR HN	45	266	ES	2325	1.742-1.38			1.0
TIR HZ	45	266	IAML	2325	2.294	265	0.1	
AL07AHZ	58	156	EP	2325	8.446-0.00			1.0
AL07AHN	58	156	ES	2325	8.686 1.71			1.0
LACI HZ	64	297	EP	2325	8.861-0.52			1.0
LACI HN	64	297	ES	2325	8.799 0.13			1.0
LACI HZ	64	297	IAML	2325	1.682	278	0.4	
AL05AHZ	75	181	EP	2325	1.190 0.01			1.0
AL05AHN	75	181	ES	2325	2.044 0.13			1.0
KKS HZ	77	0	EP	2325	1.666 0.07			1.0
KKS HN	77	0	ES	2325	2.709 0.03			1.0
AL04AHZ	82	240	EP	2325	2.613 0.32			1.0
AL04AHE	82	240	ES	2325	4.397 0.45			1.0
BERA HZ	84	207	EP	2325	2.059-0.64			1.0
BERA HN	84	207	ES	2325	5.006 0.33			1.0
BERA HZ	84	207	IAML	2325	5.210	124	0.6	
AL02AHZ	84	273	EP	2325	2.990 0.28			1.0
AL02AHN	84	273	ES	2325	6.827 2.13			1.0
PUK HZ	85	330	EP	2325	2.581-0.36			1.0
PUK HN	85	330	ES	2325	5.143 0.04			1.0
PUK HZ	85	330	IAML	2325	9.295	64	0.3	
KBN HZ	90	159	EP	2325	4.299 0.60			1.0
KBN HE	90	159	ES	2325	5.709-0.77			1.0
KBN HZ	90	159	IAML	2325	2.521	68	0.5	
BPA2 HZ	98	223	EP	2325	3.509-1.41			1.0
BPA2 HN	98	223	ES	2325	8.921 0.23			1.0
BCI HZ	113	346	EP	2325	7.283-0.30			1.0
BCI HN	113	346	ES	2325	3.284-0.23			1.0
BCI HZ	113	346	IAML	2325	0.833	86	0.5	
NEST HZ	120	153	EP	2325	9.014 0.28			1.0
NEST HN	120	153	ES	2325	5.445-0.15			1.0
NEST HZ	120	153	IAML	2325	6.018	76	0.7	
TPE HZ	125	195	EP	2325	9.436-0.00			1.0
TPE HE	125	195	ES	2325	7.085 0.21			1.0
TPE HZ	125	195	IAML	2325	2.278	49	1.9	
VLO HZ	127	217	EP	2325	9.980 0.23			1.0
VLO HN	127	217	ES	2325	7.758 0.32			1.0
VLO HZ	127	217	IAML	2325	4.878	60	0.3	
LSK HZ	137	173	EP	2325	1.254-0.31			1.0
LSK HE	137	173	ES	2325	0.672-0.04			1.0
LSK HZ	137	173	IAML	2325	5.341	64	0.7	
PVY HZ	140	345	EP	2325	1.806-0.21			1.0
PVY HN	140	345	ES	2325	1.515-0.03			1.0
PEJK HZ	141	356	EP	2325	1.901-0.21			1.0
PEJK HE	141	356	ES	2325	1.604-0.10			1.0
PDG HZ	150	321	EP	2325	2.412-1.13			1.0
PDG HN	150	321	ES	2325	4.149-0.14			1.0
PDG HZ	150	321	IAML	2325	8.118	60	0.3	
AL06AHZ	153	201	EP	2325	4.334 0.36			1.0
AL06AHN	153	201	ES	2325	5.451 0.37			1.0
GMRK HZ	158	25	EP	2325	4.516-0.25			0.9
GMRK HN	158	25	ES	2325	5.699-0.81			0.9
KZN HZ	166	135	EP	2325	5.740-0.07			0.9
KZN HN	166	135	ES	2325	8.046-0.36			0.9
ME01AHZ	169	345	EP	2325	6.161-0.01			0.9
ME01AHE	169	345	ES	2325	8.967-0.09			0.9
SRN HZ	170	192	EP	2325	5.954-0.26			0.9
SRN HN	170	192	ES	2325	8.948-0.18			0.9
SRN HZ	170	192	IAML	2325	5.334	27	0.8	

KEK	HZ	192	196	EP	2325	8.453-0.62											0.9
KEK	HN	192	196	ES	2325	4.273-0.03											0.9
KEK	HZ	192	196	IAML	2326	4.064			23	0.7							
JAN	HN	195	169	ES	2325	5.332 0.26											0.9
NKME	HZ	195	323	EP	2325	9.357-0.23											0.9
NKME	HN	195	323	ES	2325	5.438 0.19											0.9
JAN	HZ	195	169	EP	2325	0.515 1.02											0.9
BARS	BZ	198	36	EP	2325	0.649 0.76											0.9
ME05AHZ	198	308	EP	2325	9.783-0.03												0.9
ME05AHE	198	308	ES	2325	5.632-0.01												0.9
BARS	BN	198	36	ES	2325	5.396-0.39											0.9
IGT	HZ	205	182	EP	2325	1.008 0.24											0.9
IGT	HE	205	182	ES	2325	7.010-0.36											0.9
IGT	HZ	205	182	IAML	2326	4.899			20	0.6							
BOSS	SZ	211	53	EP	2325	1.297-0.34											0.9
BOSS	SN	211	53	ES	2325	8.599-0.35											0.9
SJES	BZ	212	351	EP	2325	2.369 0.56											0.9
SJES	BN	212	351	ES	2325	9.041-0.23											0.9
SJES	BZ	212	351	IAML	2326	7.204			208	0.9							
SCTE	HZ	218	229	EP	2325	3.273 0.80											0.9
SCTE	HN	218	229	ES	2326	0.047-0.41											0.9
ME02AHZ	224	332	EP	2325	5.182 1.83												0.9
ME02AHN	224	332	ES	2326	3.574 1.52												0.9
THL	HZ	243	145	EP	2325	5.749 0.09											0.9
THL	HN	243	145	ES	2326	5.473-0.76											0.9
PLG	HZ	280	113	EP	2325	0.188-0.19											0.8
NVR	HZ	290	89	EP	2325	2.060 0.38											0.8

July 2 2023 Hour: 16:10 42.0 Lat: 40.15N Lon: 19.95E D: 12.9 Ag: TIR Local
Magnitudes: 2.2ML TIR 2.7MW TIR Rms: 0.3 secs
16 km S of Tepelene

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TPE	HZ	17	20	EP		1610	5.771	0.00							1.0
TPE	HN	17	20	ES		1610	8.637-0.16								1.0
TPE	HZ	17	20	IAML		1610	9.031		2536	0.2					
AL06AHZ	18	246	EP			1610	5.999	0.08							1.0
AL06AHE	18	246	ES			1610	9.089	0.02							1.0
SRN	HZ	31	172	EP		1610	8.357	0.43							1.0
SRN	HE	31	172	ES		1610	2.514-0.19								1.0
SRN	HZ	31	172	IAML		1610	4.860		146	0.2					
KEK	HZ	51	195	EP		1610	1.178-0.03								1.0
KEK	HE	51	195	ES		1610	8.239-0.40								1.0
KEK	HZ	51	195	IAML		1611	0.164		81	0.1					
VLO	HZ	52	312	EP		1610	1.930	0.54							1.0
VLO	HN	52	312	ES		1610	8.507-0.47								1.0
VLO	HZ	52	312	IAML		1611	2.131		218	0.6					
LSK	HZ	56	90	EP		1610	2.035-0.02								1.0
LSK	HE	56	90	ES		1611	0.148-0.03								1.0
LSK	HZ	56	90	IAML		1611	1.410		88	0.8					
BERA	HZ	61	0	EP		1610	3.047	0.16							1.0
BERA	HZ	61	0	IAML		1611	3.411		71	0.2					
AL05AHZ	72	32	EP			1610	4.589-0.15								1.0
AL05AHN	72	32	ES			1611	5.413	0.37							1.0
IGT	HZ	77	154	EP		1610	5.633	0.12							1.0
IGT	HE	77	154	ES		1611	6.577	0.14							1.0
IGT	HZ	77	154	IAML		1611	1.741		39	0.2					
KBN	HZ	88	54	EP		1610	7.725	0.22							1.0
KBN	HN	88	54	ES		1611	9.508-0.53								1.0
JAN	HZ	95	125	EP		1611	0.623	2.02							0.0
JAN	HE	95	125	ES		1611	1.838-0.19								1.0
NEST	HZ	98	73	EP		1610	9.420	0.28							1.0
NEST	HE	98	73	ES		1611	2.789-0.21								1.0
SCTE	HZ	126	266	EP		1611	3.759-0.06								1.0
KZN	HZ	156	83	EP		1611	9.101	0.30							1.0

LACI	HZ	166	353	EP		1611	1.846	1.55									0.0
PHP	HZ	175	14	EP		1611	1.699	0.14									0.9
PHP	HZ	175	14	IAML		1611	1.079			9	0.5						
THL	HZ	189	110	EP		1611	3.261	0.02									0.9
PUK	HZ	210	359	EP		1611	5.640	-0.41									0.9
PUK	HZ	210	359	IAML		1611	3.625			3	0.2						

July 2 2023 Hour: 16:48 0.6 Lat: 40.15N Lon: 19.97E D: 6.3 Ag: TIR Local
Magnitudes: 2.0ML TIR 2.5MW TIR Rms: 0.3 secs
16 km S of Tepelene

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TPE	HZ	16	14	EP		1648	3.649	-0.09							1.0
TPE	HN	16	14	ES		1648	6.175	-0.12							1.0
TPE	HZ	16	14	IAML		1648	8.321			333	0.2				
AL06AHZ		19	249	EP		1648	4.249	0.03							1.0
AL06AHN		19	249	ES		1648	7.469	0.31							1.0
SRN	HZ	30	175	EP		1648	6.117	-0.00							1.0
SRN	HN	30	175	ES		1648	0.385	-0.21							1.0
SRN	HZ	30	175	IAML		1648	2.104			82	0.2				
KEK	HZ	51	197	EP		1648	9.717	-0.03							1.0
KEK	HE	51	197	ES		1648	7.382	0.22							1.0
KEK	HZ	51	197	IAML		1648	9.994			59	0.4				
LSK	HZ	54	90	EP		1648	0.310	0.04							1.0
LSK	HN	54	90	ES		1648	7.781	-0.33							1.0
LSK	HZ	54	90	IAML		1648	7.413			51	0.6				
BERA	HZ	61	358	EP		1648	1.857	0.27							1.0
BERA	HE	61	358	ES		1648	0.817	0.33							1.0
BERA	HZ	61	358	IAML		1648	3.239			52	0.3				
AL05AHZ		71	30	EP		1648	2.938	-0.43							1.0
AL05AHN		71	30	ES		1648	3.427	-0.28							1.0
IGT	HZ	76	156	EP		1648	3.962	-0.16							1.0
IGT	HE	76	156	ES		1648	5.074	-0.01							1.0
IGT	HZ	76	156	IAML		1648	4.471			18	0.3				
JAN	HZ	93	126	EP		1648	7.377	0.18							1.0
JAN	HE	93	126	ES		1648	0.892	0.25							1.0
NEST	HZ	96	72	EP		1648	7.914	0.18							1.0
SCTE	HZ	128	267	EP		1648	3.090	0.10							1.0
SCTE	HE	128	267	ES		1648	0.422	-0.71							1.0
PHP	HZ	175	13	EP		1648	1.595	0.81							0.9
PUK	HZ	210	358	EP		1648	5.136	-0.32							0.9
PUK	HZ	210	358	IAML		1649	6.368			4	0.4				

July 3 2023 Hour: 3:14 12.6 Lat: 38.70N Lon: 20.57E D: 0.5 Ag: TIR Local
Magnitudes: 2.0ML TIR Rms: 0.6 secs
111 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	12	37	EP		0314	4.796	-0.01							1.0
LKD2	HN	12	37	ES		0314	6.398	-0.21							1.0
VLS	HZ	58	178	EP		0314	3.049	0.11							1.0
VLS	HN	58	178	ES		0314	0.960	-0.37							1.0
IGT	HZ	95	348	EP		0314	8.911	-0.58							1.0
IGT	HN	95	348	ES		0314	3.305	0.12							1.0
IGT	HZ	95	348	IAML		0314	5.516			18	0.1				
KEK	HZ	131	330	EP		0314	5.431	-0.34							1.0
KEK	HN	131	330	ES		0314	4.113	-0.44							1.0
KEK	HZ	131	330	IAML		0314	6.804			17	0.2				
SRN	HZ	140	340	EP		0314	8.334	1.05							1.0
SRN	HN	140	340	ES		0314	6.887	-0.41							1.0
SRN	HZ	140	340	IAML		0314	9.154			9	0.3				
THL	HZ	158	52	EP		0314	9.908	-0.30							0.9
LSK	HZ	161	1	EP		0314	2.258	1.41							0.9
LSK	HN	161	1	ES		0315	3.490	-0.27							0.9
LSK	HZ	161	1	IAML		0315	8.301			10	0.5				
AL06AHZ		169	336	EP		0314	2.837	0.64							0.9

AL06AHN 169 336 ES 0315 5.907-0.28 0.9

July 4 2023 Hour: 12:30 42.3 Lat: 39.11N Lon: 20.38E D: 11.1 Ag: TIR Local
Magnitudes: 2.2ML TIR Rms: 0.6 secs

63 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	43	147	EP		1230	0.715	0.48							1.0
LKD2	HN	43	147	ES		1230	7.371	0.71							1.0
IGT	HZ	47	355	EP		1230	1.468	0.67							1.0
IGT	HN	47	355	ES		1230	8.326	0.65							1.0
IGT	HZ	47	355	IAML		1231	1.944			80	0.4				
KEK	HZ	83	323	EP		1230	6.901	-0.03							1.0
KEK	HN	83	323	ES		1231	8.622	-0.15							1.0
KEK	HZ	83	323	IAML		1231	9.526			40	0.4				
SRN	HZ	91	339	EP		1230	8.213	0.01							1.0
SRN	HN	91	339	ES		1231	1.289	0.21							1.0
SRN	HZ	91	339	IAML		1231	3.060			18	0.4				
VLS	HZ	106	170	EP		1230	9.147	-1.47							1.0
AL06AHZ		121	334	EP		1231	2.978	-0.18							1.0
AL06AHN		121	334	ES		1231	9.965	-0.08							1.0
TPE	HZ	135	347	EP		1231	5.904	0.41							1.0
TPE	HN	135	347	ES		1231	3.194	-1.08							1.0
TPE	HZ	135	347	IAML		1231	3.943			36	0.9				
THL	HZ	149	70	EP		1231	7.950	0.08							1.0
THL	HN	149	70	ES		1231	7.882	-0.70							1.0
BERA	HZ	180	348	EP		1231	3.175	0.53							0.9
BERA	HN	180	348	ES		1231	7.101	-0.12							0.9
BERA	HZ	180	348	IAML		1231	8.996			22	0.6				

July 5 2023 Hour: 2:12 51.0 Lat: 40.13N Lon: 19.84E D: 9.6 Ag: TIR Local
Magnitudes: 3.1ML TIR 3.3MW TIR Rms: 0.6 secs

8 km E of Himare

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL06AHZ		8	238	EP		0212	3.029	-0.24							1.0
AL06AHN		8	238	ES		0212	4.730	-0.38							1.0
TPE	HZ	24	39	EP		0212	5.264	-0.36							1.0
TPE	HN	24	39	ES		0212	9.160	-0.20							1.0
TPE	HZ	24	39	IAML		0213	0.432			1477	0.2				
SRN	HZ	31	153	EP		0212	7.284	0.54							1.0
SRN	HN	31	153	ES		0213	1.120	-0.28							1.0
SRN	HZ	31	153	IAML		0213	4.380			1503	0.4				
KEK	HZ	46	184	EP		0212	9.503	0.08							1.0
KEK	HE	46	184	ES		0213	6.210	-0.03							1.0
KEK	HZ	46	184	IAML		0213	8.734			990	0.4				
VLO	HZ	48	323	EP		0212	9.308	-0.41							1.0
VLO	HE	48	323	ES		0213	8.368	1.58							1.0
VLO	HZ	48	323	IAML		0213	3.176			677	0.2				
BERA	HZ	65	8	EP		0213	2.269	-0.30							1.0
BERA	HE	65	8	ES		0213	1.669	-0.27							1.0
BERA	HZ	65	8	IAML		0213	4.106			439	0.4				
BPA2	HZ	70	344	EP		0213	3.687	0.30							1.0
IGT	HZ	78	147	EP		0213	5.108	0.23							1.0
IGT	HE	78	147	ES		0213	6.707	0.59							1.0
IGT	HZ	78	147	IAML		0213	4.614			324	0.2				
AL05AHZ		80	36	EP		0213	4.774	-0.31							1.0
KBN	HZ	98	55	EP		0213	7.862	-0.25							1.0
KBN	HZ	98	55	IAML		0213	9.671			133	0.7				
AL04AHZ		100	347	EP		0213	9.697	1.15							1.0
AL08AHZ		111	12	EP		0213	0.504	0.22							1.0
AL07AHZ		111	39	EP		0213	0.480	0.06							1.0
SCTE	HZ	117	267	EP		0213	1.843	0.52							1.0
SCTE	HE	117	267	ES		0213	7.680	-0.10							1.0
TIR	HZ	136	1	EP		0213	4.236	-0.16							1.0
TIR	HZ	136	1	IAML		0213	6.028			61	0.5				

AL03AHZ	164	5	EP	0213	9.769	0.56									0.9
AL03AHE	164	5	ES	0213	1.359	-0.70									0.9
LKD2 HZ	164	154	EP	0213	9.211	-0.02									0.9
LKD2 HE	164	154	ES	0213	1.695	-0.40									0.9
LACI HZ	168	357	EP	0213	9.922	0.13									0.9
LACI HN	168	357	ES	0213	1.928	-1.18									0.9
LACI HZ	168	357	IAML	0213	9.211				42	0.5					
PHP HZ	180	16	EP	0213	2.403	0.81									0.9
PHP HN	180	16	ES	0213	7.112	0.73									0.9
PHP HZ	180	16	IAML	0213	2.162				76	0.5					
THL HZ	196	108	EP	0213	4.285	0.70									0.9
PUK HZ	213	1	EP	0213	5.319	-0.48									0.9
PUK HZ	213	1	IAML	0214	1.676				22	0.5					
KKS HZ	221	12	EP	0213	7.326	0.51									0.9
VLS HZ	226	163	EP	0213	6.493	-0.93									0.9
NOCI HZ	247	288	EP	0213	9.389	-0.68									0.9
BCI HZ	249	4	EP	0213	0.139	-0.31									0.9
BCI HZ	249	4	IAML	0214	1.815				37	1.0					
PVY HZ	274	2	EP	0213	3.565	-0.16									0.8
PEJK HZ	282	7	EP	0213	4.766	0.13									0.8
GMRK HZ	304	22	EP	0213	7.483	-0.02									0.8
PLG HZ	308	84	EP	0213	8.554	0.60									0.8
MRVN HZ	325	290	EP	0213	8.923	-1.27									0.8
ME02AHZ	342	350	EP	0213	1.480	-0.91									0.8

July 5 2023 Hour: 12:47 32.4 Lat: 38.76N Lon: 21.11E D: 2.5 Ag: TIR Local
Magnitudes: 3.7ML TIR 3.8MW TIR Rms: 0.8 secs

128 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2 HZ		40	275	EP		1247	9.904	0.43							1.0
LKD2 HE		40	275	ES		1247	6.351	1.11							1.0
VLS HZ		79	215	EP		1247	6.052	-0.42							1.0
VLS HN		79	215	ES		1247	7.785	-0.13							1.0
IGT HZ		109	322	EP		1247	1.192	-0.65							1.0
IGT HE		109	322	ES		1248	8.673	1.05							1.0
IGT HZ		109	322	IAML		1248	3.760			382	0.5				
THL HZ		119	41	EP		1247	3.804	0.41							1.0
THL HE		119	41	ES		1248	0.011	-0.42							1.0
KEK HZ		155	313	EP		1247	9.037	-0.47							1.0
KEK HN		155	313	ES		1248	0.890	-0.61							1.0
KEK HZ		155	313	IAML		1248	4.654			581	1.1				
SRN HZ		157	323	EP		1248	0.012	0.20							1.0
SRN HN		157	323	ES		1248	0.279	-1.77							1.0
SRN HZ		157	323	IAML		1248	1.216			245	0.6				
NEST HZ		184	358	EP		1248	4.838	0.50							0.9
NEST HE		184	358	ES		1248	0.050	-0.20							0.9
AL06AHZ		188	322	EP		1248	4.031	-0.77							0.9
AL06AHN		188	322	ES		1248	0.075	-1.00							0.9
ITM HZ		189	158	EP		1248	5.104	0.15							0.9
ITM HN		189	158	ES		1248	1.429	0.07							0.9
TPE HZ		195	331	EP		1248	5.164	-0.50							0.9
TPE HN		195	331	ES		1248	2.737	0.09							0.9
TPE HZ		195	331	IAML		1248	5.169			310	1.1				
KBN HZ		209	352	EP		1248	9.939	2.40							0.2
KBN HE		209	352	ES		1248	7.380	1.35							0.9
KBN HZ		209	352	IAML		1248	9.950			255	0.8				
AL05AHZ		225	344	EP		1248	0.349	0.81							0.9
BERA HZ		238	336	EP		1248	0.441	-0.71							0.9
BERA HZ		238	336	IAML		1248	4.599			187	0.7				
THE HZ		262	37	EP		1248	5.107	0.90							0.4
THE HZ		262	37	IAML		1248	9.462			44	0.9				
PLG HZ		269	47	EP		1248	4.593	-0.59							0.9
SCTE HZ		271	303	EP		1248	3.647	-1.70							0.2
AL08AHZ		275	342	EP		1248	5.940	0.07							0.8

AL08AHN	275	342	ES	1248	2.473	1.36									0.8
TIR	HZ	307	340	IAML	1249	0.932		67	0.9						
PHP	HZ	330	350	EP	1248	3.434	0.40								0.8
PHP	HZ	330	350	IAML	1249	3.872		164	1.6						
AL03AHZ	330	344	EP	1248	2.052	-0.89									0.2
LACI	HZ	341	340	EP	1248	3.423	-0.94								0.2
LACI	HZ	341	340	IAML	1249	1.907		92	1.3						
NVR	HZ	371	38	EP	1248	8.477	0.16								0.8
KKS	HZ	373	351	EP	1248	8.869	0.35								0.8
PUK	HZ	379	345	EP	1248	7.842	-1.52								0.2
PUK	HZ	379	345	IAML	1249	7.109		42	0.9						

July 5 2023 Hour: 13: 4 40.7 Lat: 38.75N Lon: 21.09E D: 3.6 Ag: TIR Local
Magnitudes: 2.8ML TIR Rms: 0.4 secs
127 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	37	277	EP		1304	8.156	0.69							1.0
LKD2	HN	37	277	ES		1304	3.237	0.33							1.0
VLS	HZ	77	214	EP		1304	4.173	-0.33							1.0
VLS	HN	77	214	ES		1305	5.294	-0.35							1.0
IGT	HZ	109	323	EP		1304	9.985	-0.04							1.0
IGT	HN	109	323	ES		1305	5.472	-0.17							1.0
IGT	HZ	109	323	IAML		1305	0.873		53	0.4					
THL	HZ	121	41	EP		1305	2.300	0.23							1.0
THL	HN	121	41	ES		1305	8.802	-0.55							1.0
KEK	HZ	154	314	EP		1305	7.809	0.18							1.0
KEK	HN	154	314	ES		1305	8.472	-0.94							1.0
KEK	HZ	154	314	IAML		1305	0.105		110	0.6					
SRN	HZ	156	324	EP		1305	7.829	-0.17							1.0
SRN	HE	156	324	ES		1305	9.942	-0.13							1.0
SRN	HZ	156	324	IAML		1305	9.269		38	0.6					
NEST	HZ	185	359	EP		1305	2.559	-0.15							0.9
NEST	HZ	185	359	IAML		1305	4.477		60	0.6					
AL06AHZ	187	323	EP	1305	2.764	-0.18									0.9
ITM	HZ	189	157	EP		1305	3.338	0.11							0.9
TPE	HZ	195	332	EP		1305	4.289	0.42							0.9
TPE	HZ	195	332	IAML		1305	3.150		70	0.9					
KBN	HZ	210	353	EP		1305	6.214	0.36							0.9
KBN	HN	210	353	ES		1305	4.985	0.69							0.9
KBN	HZ	210	353	IAML		1305	8.915		30	0.7					
AL05AHZ	225	345	EP	1305	8.173	0.37									0.9
BERA	HZ	238	336	EP		1305	9.133	-0.23							0.9
BERA	HZ	238	336	IAML		1306	3.671		27	0.3					

July 5 2023 Hour: 13: 7 47.0 Lat: 38.73N Lon: 21.12E D: 9.5 Ag: TIR Local
Magnitudes: 3.4ML TIR 3.6MW TIR Rms: 0.7 secs
130 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	40	279	EP		1307	4.184	-0.24							1.0
LKD2	HN	40	279	ES		1308	1.090	0.64							1.0
VLS	HZ	77	217	EP		1308	0.173	-0.46							1.0
VLS	HN	77	217	ES		1308	1.424	-0.27							1.0
IGT	HZ	112	323	EP		1308	5.416	-1.01							1.0
IGT	HN	112	323	ES		1308	3.561	1.38							1.0
IGT	HZ	112	323	IAML		1308	6.970		234	0.5					
THL	HZ	121	40	EP		1308	7.967	0.08							1.0
THL	HE	121	40	ES		1308	4.047	-0.77							1.0
KEK	HZ	158	314	EP		1308	4.133	0.08							0.9
KEK	HN	158	314	ES		1308	4.317	-1.66							0.9
KEK	HZ	158	314	IAML		1308	4.061		333	0.6					
SRN	HZ	160	323	EP		1308	4.302	-0.10							0.9
SRN	HZ	160	323	IAML		1308	5.297		170	1.0					
ITM	HZ	187	157	EP		1308	9.038	0.68							0.9
NEST	HZ	187	358	EP		1308	9.048	0.57							0.9

AL06AHZ	191	323	EP	1308	8.367-0.50										0.9
TPE HZ	198	332	EP	1308	0.102 0.34										0.9
TPE HZ	198	332	IAML	1308	8.606			292	0.7						
KBN HZ	212	352	EP	1308	1.473-0.18										0.9
KBN HZ	212	352	IAML	1308	7.501			113	0.8						
AL05AHZ	228	344	EP	1308	4.763 1.11										0.9
BERA HZ	241	336	EP	1308	5.285 0.04										0.9
BERA HZ	241	336	IAML	1309	6.036			107	0.4						
PLG HZ	271	47	EP	1308	9.203 0.06										0.9
SCTE HZ	272	304	EP	1308	7.995-1.34										0.2
AL03AHZ	332	344	EP	1308	6.735-0.32										0.8
PHP HZ	333	350	EP	1308	8.067 0.92										0.8
LACI HZ	344	340	EP	1308	8.222-0.25										0.8
LACI HZ	344	340	IAML	1309	4.355			48	1.1						
KKS HZ	376	351	EP	1308	3.282 0.65										0.8
PUK HZ	382	345	EP	1308	2.628-0.85										0.4

July 5 2023 Hour: 13:59 39.6 Lat: 38.76N Lon: 21.06E D: 10.0F Ag: TIR Local
Magnitudes: 2.5ML TIR 3.1MW TIR Rms: 0.9 secs
125 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	35	276	EP		1359	5.494-0.61								1.0
LKD2	HN	35	276	ES		1359	1.820 0.45								1.0
VLS	HZ	76	212	EP		1359	1.837-1.27								1.0
VLS	HN	76	212	ES		1400	3.437-0.60								1.0
JAN	HZ	101	350	EP		1359	6.621-0.69								1.0
JAN	HN	101	350	ES		1400	1.369-0.28								1.0
IGT	HZ	106	324	EP		1359	7.239-0.89								1.0
IGT	HN	106	324	ES		1400	3.694 0.56								1.0
IGT	HZ	106	324	IAML		1400	7.602			44	0.6				
THL	HZ	122	42	EP		1359	9.363-1.36								1.0
THL	HN	122	42	ES		1400	7.723-0.10								1.0
KEK	HZ	152	315	EP		1400	5.143-0.56								1.0
KEK	HN	152	315	ES		1400	6.963 0.13								1.0
KEK	HZ	152	315	IAML		1400	8.318			80	0.5				
SRN	HZ	154	324	EP		1400	5.502-0.60								1.0
SRN	HN	154	324	ES		1400	8.454 0.89								1.0
SRN	HZ	154	324	IAML		1400	6.637			21	0.4				
AL06AHZ	185	323	EP			1400	1.862 1.11								0.9
ITM	HZ	191	156	EP		1400	2.341 0.81								0.9
ITM	HN	191	156	ES		1400	9.047 1.67								0.9
TPE	HZ	193	333	EP		1400	2.350 0.64								0.9
TPE	HZ	193	333	IAML		1400	4.712			25	0.5				
AL05AHZ	224	345	EP			1400	7.323 1.61								0.9

July 6 2023 Hour: 11:37 3.8 Lat: 41.87N Lon: 20.10E D: 18.4 Ag: TIR Local
Magnitudes: 2.2ML TIR Rms: 0.3 secs
21 km NE of Reshen

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	26	317	EP		1137	9.368 0.00								1.0
PUK	HE	26	317	ES		1137	3.672-0.20								1.0
PUK	HZ	26	317	IAML		1137	5.837			95	0.1				
AL03AHZ	31	195	EP			1137	9.596-0.56								1.0
AL03AHN	31	195	ES			1137	5.186-0.11								1.0
KKS	HZ	33	48	EP		1137	0.552 0.11								1.0
KKS	HE	33	48	ES		1137	5.719-0.10								1.0
LACI	HZ	41	231	EP		1137	2.382 0.72								1.0
LACI	HN	41	231	ES		1137	8.198 0.17								1.0
LACI	HZ	41	231	IAML		1137	2.311			91	0.6				
PVY	HZ	81	352	EP		1137	7.921-0.24								1.0
PVY	HE	81	352	ES		1137	9.779-0.02								1.0
PEJK	HZ	87	10	EP		1137	9.447 0.37								1.0
PEJK	HN	87	10	ES		1137	1.573 0.12								1.0
PDG	HZ	93	312	EP		1137	0.093 0.02								1.0

PDG	HN	93	312	ES		1137	3.264	0.02								1.0
PDG	HZ	93	312	IAML		1137	5.311			30	0.3					
GMRK	HZ	127	46	EP		1137	5.909	0.14								1.0
NKME	HZ	137	317	EP		1137	7.204	-0.13								1.0
NKME	HN	137	317	ES		1137	6.209	-0.19								1.0
NEST	HZ	181	154	EP		1137	3.374	-0.15								0.9

July 6 2023 Hour: 15:21 50.6 Lat: 41.82N Lon: 19.30E D: 21.4 Ag: TIR Local
Magnitudes: 2.7ML TIR 2.8MW TIR Rms: 0.5 secs
28 km W of Lezhe

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LACI	HZ	40	120	EP		1521	8.779	0.29							1.0
LACI	HN	40	120	ES		1522	4.833	-0.01							1.0
LACI	HZ	40	120	IAML		1522	7.291			423	0.3				
AL02AHZ		46	170	EP		1522	1.354	1.90							0.2
AL03AHZ		63	112	EP		1522	1.769	-0.38							1.0
AL03AHN		63	112	ES		1522	1.340	-0.13							1.0
PDG	HZ	68	357	EP		1522	2.828	-0.03							1.0
PDG	HE	68	357	ES		1522	2.469	-0.29							1.0
PDG	HZ	68	357	IAML		1522	7.286			129	0.3				
TIR	HZ	70	138	EP		1522	3.486	0.19							1.0
TIR	HN	70	138	ES		1522	3.421	-0.12							1.0
TIR	HZ	70	138	IAML		1522	9.142			51	0.2				
AL04AHZ		93	166	EP		1522	7.188	0.21							1.0
KKS	HZ	95	73	EP		1522	6.685	-0.71							1.0
KKS	HN	95	73	ES		1522	1.774	0.80							1.0
ME05AHZ		97	318	EP		1522	7.389	-0.21							1.0
ME05AHN		97	318	ES		1522	1.753	0.42							1.0
PVY	HZ	102	32	EP		1522	7.912	-0.57							1.0
PVY	HN	102	32	ES		1522	2.577	-0.35							1.0
AL08AHZ		104	140	EP		1522	9.177	0.45							1.0
NKME	HZ	109	345	EP		1522	9.693	0.10							1.0
NKME	HN	109	345	ES		1522	5.365	0.42							1.0
ME01AHZ		123	22	EP		1522	1.752	-0.12							1.0
PRZK	HZ	128	70	EP		1522	2.201	-0.40							1.0
BERA	HZ	135	156	EP		1522	3.886	0.19							1.0
BERA	HZ	135	156	IAML		1522	4.390			95	0.2				
ME02AHZ		149	354	EP		1522	6.612	0.64							1.0
AL05AHZ		154	143	EP		1522	7.193	0.65							1.0
GMRK	HZ	184	59	EP		1522	0.800	0.37							0.9
SCTE	HZ	206	200	EP		1522	3.173	-0.08							0.9
NEST	HZ	214	136	EP		1522	5.325	0.97							0.5
NEST	HZ	214	136	IAML		1523	0.296			23	0.4				
SRN	HZ	223	165	EP		1522	5.153	-0.25							0.9
KEK	HZ	238	170	EP		1522	6.587	-0.69							0.9
KEK	HZ	238	170	IAML		1523	4.762			46	0.6				
IGT	HZ	269	161	EP		1522	0.896	-0.33							0.9
IGT	HZ	269	161	IAML		1523	2.897			12	0.3				
MRVN	HZ	273	253	EP		1522	0.561	-1.28							0.4
SGRT	HZ	296	270	EP		1522	3.222	-1.60							0.4

July 7 2023 Hour: 13:12 6.1 Lat: 39.42N Lon: 20.71E D: 6.8 Ag: TIR Local
Magnitudes: 2.6ML TIR 3.0MW TIR Rms: 0.4 secs
52 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JAN	HZ	29	25	EP		1312	1.393	0.01							1.0
JAN	HE	29	25	ES		1312	6.033	0.34							1.0
IGT	HZ	35	291	EP		1312	2.076	-0.30							1.0
IGT	HE	35	291	ES		1312	7.341	-0.15							1.0
IGT	HZ	35	291	IAML		1312	8.510			336	0.3				
LKD2	HZ	70	184	EP		1312	8.792	0.10							1.0
LKD2	HN	70	184	ES		1312	9.163	0.24							1.0
SRN	HZ	79	310	EP		1312	9.841	-0.42							1.0
SRN	HN	79	310	ES		1312	2.033	0.28							1.0

SRN	HZ	79	310	IAML	1312	8.091		63	0.5					
KEK	HZ	85	293	EP	1312	0.850-0.31								1.0
KEK	HE	85	293	ES	1312	2.850-0.54								1.0
KEK	HZ	85	293	IAML	1312	1.242		131	0.5					
THL	HZ	113	82	EP	1312	5.424-0.54								1.0
TPE	HZ	114	329	EP	1312	6.195 0.19								1.0
TPE	HZ	114	329	IAML	1312	0.345		72	0.3					
NEST	HZ	114	15	EP	1312	5.882-0.24								1.0
NEST	HE	114	15	ES	1312	2.634 0.26								1.0
NEST	HZ	114	15	IAML	1312	1.270		54	0.3					
TPE	HN	114	329	ES	1312	2.670 0.52								1.0
KZN	HZ	134	42	EP	1312	8.811-0.61								1.0
VLS	HZ	138	184	EP	1312	0.438 0.29								1.0
VLS	HE	138	184	ES	1312	9.920 0.27								1.0
BERA	HZ	156	336	EP	1312	3.865 0.76								1.0
BERA	HN	156	336	ES	1312	5.090 0.08								1.0
BERA	HZ	156	336	IAML	1313	4.509		47	0.7					
PLG	HZ	257	65	EP	1312	6.643-0.17								0.9

July 7 2023 Hour: 14:35 30.6 Lat: 40.95N Lon: 20.40E D: 11.1 Ag: TIR Local
Magnitudes: 2.6ML TIR 2.9MW TIR Rms: 0.5 secs
17 km SW of Prrenjas

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL07AHZ		24	104	EP		1435	5.586	0.18							1.0
AL07AHN		24	104	ES		1435	9.617	0.32							1.0
AL05AHZ		28	182	EP		1435	5.791-0.14								1.0
AL05AHE		28	182	ES		1435	9.905-0.35								1.0
AL08AHZ		30	304	EP		1435	6.345-0.01								1.0
AL08AHN		30	304	ES		1435	1.404 0.39								1.0
BERA HZ		47	234	EP		1435	8.476-0.69								1.0
BERA HE		47	234	ES		1435	5.024-1.09								1.0
BERA HZ		47	234	IAML		1435	6.035		676	0.1					
KBN HZ		49	138	EP		1435	9.551 0.02								1.0
KBN HE		49	138	ES		1435	6.578-0.18								1.0
KBN HZ		49	138	IAML		1435	8.930		273	0.3					
TIR HZ		63	314	EP		1435	1.915 0.14								1.0
TIR HN		63	314	ES		1435	0.925 0.09								1.0
TIR HZ		63	314	IAML		1435	8.627		38	0.3					
AL03AHZ		79	335	EP		1435	4.074-0.47								1.0
AL03AHN		79	335	ES		1435	6.018 0.18								1.0
TPE HZ		80	204	EP		1435	4.172-0.49								1.0
TPE HN		80	204	ES		1435	6.341 0.29								1.0
TPE HZ		80	204	IAML		1436	0.504		92	0.1					
NEST HZ		81	137	EP		1435	4.625-0.26								1.0
NEST HE		81	137	ES		1435	6.660 0.19								1.0
NEST HZ		81	137	IAML		1435	8.599		108	0.2					
LACI HZ		95	323	EP		1435	7.664 0.52								1.0
LACI HN		95	323	ES		1436	0.672 0.12								1.0
LACI HZ		95	323	IAML		1436	6.617		71	0.4					
AL06AHZ		110	210	EP		1435	9.348-0.36								1.0
AL06AHN		110	210	ES		1436	4.633-0.55								1.0
SRN HZ		124	196	EP		1435	2.665 0.71								1.0
SRN HZ		124	196	IAML		1436	5.317		48	0.3					
KKS HZ		124	0	EP		1435	2.485 0.43								1.0
KKS HN		124	0	ES		1436	8.994-0.44								1.0
SRN HN		124	196	ES		1436	0.601 1.34								1.0
KZN HZ		136	121	EP		1435	3.486-0.60								1.0
KZN HE		136	121	ES		1436	2.282-0.83								1.0
KEK HZ		147	201	EP		1435	6.423 0.62								1.0
KEK HE		147	201	ES		1436	5.983-0.24								1.0
KEK HZ		147	201	IAML		1436	0.667		59	0.4					
IGT HZ		158	182	EP		1435	8.406 0.77								0.9
IGT HE		158	182	ES		1436	9.908 0.38								0.9
IGT HZ		158	182	IAML		1436	3.737		34	0.5					

AL01AHZ	170	336	EP	1435	8.892-0.86										0.9
AL01AHE	170	336	ES	1436	2.852-0.51										0.9
PEJK HZ	188	357	EP	1436	1.598-0.42										0.9
PEJK HE	188	357	ES	1436	8.250 0.79										0.9
PDG HZ	189	330	EP	1436	2.499 0.39										0.9
PDG HN	189	330	ES	1436	7.089-0.55										0.9
PDG HZ	189	330	IAML	1436	6.628				31	0.9					
SCTE HZ	191	240	EP	1436	3.098 0.80										0.9
GMRK HZ	201	19	EP	1436	4.539 0.79										0.9
THL HZ	206	138	EP	1436	4.014-0.28										0.9
NKME HZ	235	330	EP	1436	9.016 1.04										0.0
LKD2 HZ	241	175	EP	1436	8.904 0.09										0.9
ME02AHZ	267	337	EP	1436	3.744 1.56										0.0

July 7 2023 Hour: 16:33 23.1 Lat: 39.49N Lon: 20.36E D: 2.6 Ag: TIR Local
Magnitudes: 2.3ML TIR 2.9MW TIR Rms: 0.2 secs
23 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT HZ		5	335	EP		1633	4.155-0.01								1.0
IGT HN		5	335	ES		1633	5.026 0.03								1.0
IGT HZ		5	335	IAML		1633	5.071			2459	0.2				
SRN HZ		53	325	EP		1633	2.453-0.14								1.0
SRN HN		53	325	ES		1633	0.653 0.42								1.0
SRN HZ		53	325	IAML		1633	3.554			59	0.3				
KEK HZ		54	297	EP		1633	2.843 0.06								1.0
KEK HN		54	297	ES		1633	0.573-0.01								1.0
KEK HZ		54	297	IAML		1633	4.250			134	0.7				
LKD2 HZ		82	162	EP		1633	8.043 0.19								1.0
LKD2 HE		82	162	ES		1633	9.584-0.18								1.0
TPE HZ		94	342	EP		1633	9.607-0.29								1.0
TPE HE		94	342	ES		1633	3.262-0.20								1.0
TPE HZ		94	342	IAML		1634	1.095			24	0.2				
NEST HZ		118	30	EP		1633	3.931-0.24								1.0
NEST HE		118	30	ES		1634	1.214 0.02								1.0
THL HZ		143	86	EP		1633	8.756 0.57								1.0
THL HE		143	86	ES		1634	8.378-0.09								1.0
VLS HZ		147	172	EP		1633	8.876-0.10								1.0

July 7 2023 Hour: 23:59 46.3 Lat: 40.98N Lon: 20.45E D: 13.9 Ag: TIR Local
Magnitudes: 2.5ML TIR Rms: 0.5 secs
13 km SW of Prrenjas

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL07AHZ		21	114	EP		2359	1.165 0.35								1.0
AL07AHN		21	114	ES		2359	4.484 0.03								1.0
AL05AHZ		31	190	EP	*	2359	1.448-0.82								0.0
AL05AHN		31	190	ES		2359	6.029-0.24								1.0
AL08AHZ		33	296	EP		2359	1.895-0.68								1.0
AL08AHE		33	296	ES		2359	7.415-0.22								1.0
KBN HZ		48	144	EP		2359	5.157-0.02								1.0
KBN HN		48	144	ES		2400	3.069 0.73								1.0
BERA HZ		52	234	EP		2359	4.075-1.69								0.5
BERA HN		52	234	ES		2400	0.665-2.76								0.2
BERA HZ		52	234	IAML		2400	1.660			468	0.1				
TIR HZ		64	310	EP		2359	7.366-0.39								1.0
TIR HZ		64	310	IAML		2400	9.067			38	0.2				
AL04AHZ		75	273	EP		2400	0.303 0.75								1.0
PHP HZ		79	359	EP		2359	9.918-0.26								1.0
PHP HN		79	359	ES		2400	1.861 0.45								1.0
PHP HZ		79	359	IAML		2400	3.525			58	0.4				
AL03AHZ		79	332	EP		2359	9.784-0.42								1.0
AL03AHE		79	332	ES		2400	1.802 0.34								1.0
NEST HZ		80	141	EP		2400	0.286-0.20								1.0
NEST HN		80	141	ES		2400	1.683-0.27								1.0
NEST HZ		80	141	IAML		2400	2.901			81	0.2				

TPE	HZ	84	206	EP	2359	9.759	-1.35								0.5
TPE	HN	84	206	ES	2400	3.369	0.28								1.0
TPE	HZ	84	206	IAML	2400	6.102		91	0.2						
LACI	HZ	96	320	EP	2400	3.262	0.28								1.0
LACI	HN	96	320	ES	2400	6.457	-0.02								1.0
LACI	HZ	96	320	IAML	2400	2.180		70	0.5						
AL06AHZ	115	211	EP	2400	6.575	0.39									1.0
AL06AHE	115	211	ES	2400	2.831	0.55									1.0
KKS	HZ	122	358	EP	2400	7.229	-0.13								1.0
KKS	HE	122	358	ES	2400	4.368	-0.03								1.0
SRN	HZ	128	198	EP	2400	8.438	0.12								1.0
SRN	HN	128	198	ES	2400	6.492	0.35								1.0
SRN	HZ	128	198	IAML	2400	0.533		35	0.4						
KZN	HZ	134	123	EP	2400	9.011	-0.42								1.0
KZN	HE	134	123	ES	2400	7.736	-0.42								1.0
PRZK	HZ	139	10	EP	2400	0.693	0.39								1.0
KEK	HZ	151	202	EP	2400	2.101	-0.11								1.0
KEK	HN	151	202	ES	2400	2.469	-0.71								1.0
KEK	HZ	151	202	IAML	2400	5.030		59	0.4						
IGT	HZ	161	184	EP	2400	4.176	0.38								0.9
IGT	HE	161	184	ES	2400	6.161	0.12								0.9
IGT	HZ	161	184	IAML	2400	9.438		27	0.3						
AL01AHZ	170	334	EP	2400	4.699	-0.45									0.9
PVY	HZ	184	347	EP	2400	7.147	0.11								0.9
PEJK	HZ	186	356	EP	2400	6.255	-0.89								0.9
PDG	HZ	189	329	EP	2400	8.228	0.70								0.9
PDG	HZ	189	329	IAML	2400	2.119		19	0.3						
SCTE	HZ	196	240	EP	2400	7.513	-0.87								0.9
GMRK	HZ	197	19	EP	2400	8.139	-0.54								0.9
THL	HZ	206	139	EP	2400	0.041	0.44								0.9
ME01AHZ	213	347	EP	2400	0.724	0.09									0.9
NKME	HZ	235	328	EP	2400	3.878	0.47								0.9
BOSS	SZ	238	44	EP	2400	3.414	-0.39								0.9
LKD2	HZ	244	176	EP	2400	4.342	-0.19								0.9
SJES	BZ	257	351	EP	2400	6.855	0.53								0.9
ME02AHZ	266	336	EP	2400	8.350	0.83									0.9

July 8 2023 Hour: 14:45 11.6 Lat: 39.41N Lon: 20.75E D: 15.3 Ag: TIR Local
Magnitudes: 2.6ML TIR Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	39	291	EP		1445	8.812	-0.09							1.0
IGT	HE	39	291	ES		1445	4.964	0.19							1.0
IGT	HZ	39	291	IAML		1445	8.215		365	0.2					
LKD2	HZ	69	187	EP		1445	4.421	0.45							1.0
LKD2	HN	69	187	ES		1445	4.608	0.65							1.0
SRN	HZ	83	309	EP		1445	5.679	-0.52							1.0
SRN	HN	83	309	ES		1445	6.893	-1.10							1.0
SRN	HZ	83	309	IAML		1445	1.659		58	0.3					
KEK	HZ	89	293	EP		1445	6.652	-0.49							1.0
KEK	HN	89	293	ES		1445	9.877	0.19							1.0
KEK	HZ	89	293	IAML		1445	5.272		198	0.3					
THL	HZ	110	81	EP		1445	0.319	-0.40							1.0
THL	HE	110	81	ES		1445	5.052	-1.12							1.0
AL06AHZ	114	312	EP			1445	1.640	0.31							1.0
AL06AHN	114	312	ES			1445	6.942	-0.33							1.0
TPE	HZ	117	328	EP		1445	1.717	-0.12							1.0
TPE	HN	117	328	ES		1445	8.455	0.26							1.0
TPE	HZ	117	328	IAML		1445	3.244		59	0.1					
KZN	HZ	132	41	EP		1445	4.207	-0.29							1.0
KZN	HN	132	41	ES		1445	3.354	0.33							1.0
KBN	HZ	135	1	EP		1445	6.507	1.61							1.0
KBN	HN	135	1	ES		1445	4.142	0.41							1.0
KBN	HZ	135	1	IAML		1445	9.196		56	0.5					

VLS	HZ	137	186	EP	1445	5.387	0.09										1.0
VLS	HE	137	186	ES	1445	4.427	-0.03										1.0
AL05AHZ		147	348	EP	1445	7.168	0.25										1.0
AL05AHE		147	348	ES	1445	7.623	0.23										1.0
BERA	HZ	159	335	EP	1445	8.977	0.22										0.9
BERA	HN	159	335	ES	1446	0.766	0.04										0.9
BERA	HZ	159	335	IAML	1446	6.011				32	0.8						
AL08AHZ		196	344	EP	1445	3.745	0.14										0.9
AL08AHE		196	344	ES	1446	9.816	0.32										0.9
SCTE	HZ	209	291	EP	1445	3.887	-1.36										0.9
PHP	HZ	254	354	EP	1445	1.218	0.15										0.9
PHP	HN	254	354	ES	1446	3.040	0.03										0.9
PHP	HZ	254	354	IAML	1446	9.514				10	1.1						

July 8 2023 Hour: 17:47 15.8 Lat: 39.42N Lon: 20.47E D: 5.0F Ag: TIR Local
Magnitudes: 2.1ML TIR Rms: 0.3 secs
35 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	17	315	EP		1747	8.399	-0.53							1.0
IGT	HN	17	315	ES		1747	1.277	-0.20							1.0
IGT	HZ	17	315	IAML		1747	1.894			270	0.2				
SRN	HZ	65	322	EP		1747	7.266	-0.09							1.0
SRN	HN	65	322	ES		1747	6.709	-0.02							1.0
SRN	HZ	65	322	IAML		1747	5.262			19	1.1				
KEK	HZ	66	299	EP		1747	7.067	-0.52							1.0
KEK	HN	66	299	ES		1747	7.454	0.29							1.0
KEK	HZ	66	299	IAML		1747	6.363			47	0.3				
LKD2	HZ	72	167	EP		1747	8.024	-0.72							1.0
LKD2	HN	72	167	ES		1747	9.417	0.17							1.0
AL06AHZ		96	321	EP		1747	3.242	0.42							1.0
AL06AHN		96	321	ES		1747	7.126	0.49							1.0
NEST	HZ	121	24	EP		1747	6.900	-0.13							1.0
NEST	HN	121	24	ES		1747	4.163	-0.08							1.0
NEST	HZ	121	24	IAML		1747	9.989			18	0.7				
THL	HZ	134	83	EP		1747	9.100	-0.06							1.0
THL	HE	134	83	ES		1747	8.307	0.20							1.0
VLS	HZ	139	176	EP		1747	0.385	0.36							1.0
VLS	HE	139	176	ES		1747	9.903	0.23							1.0
AL05AHZ		142	357	EP		1747	0.878	0.25							1.0

July 9 2023 Hour: 0:23 6.6 Lat: 42.38N Lon: 19.33E D: 20.7 Ag: TIR Local
Magnitudes: 2.0ML TIR Rms: 0.3 secs
21 km NW of Kopluk

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PDG	HZ	8	311	EP		0023	0.572	0.15							1.0
PDG	HE	8	311	ES		0023	3.641	0.12							1.0
PDG	HZ	8	311	IAML		0023	4.364			227	0.2				
AL01AHZ		18	103	EP		0023	1.447	-0.10							1.0
AL01AHN		18	103	ES		0023	5.206	-0.36							1.0
NKME	HZ	53	324	EP		0023	6.109	-0.30							1.0
NKME	HN	53	324	ES		0023	3.984	-0.36							1.0
PVY	HZ	57	65	EP		0023	7.280	0.19							1.0
PVY	HE	57	65	ES		0023	5.696	0.10							1.0
ME01AHZ		68	41	EP		0023	9.421	0.49							1.0
ME01AHE		68	41	ES		0023	9.220	0.30							1.0
PEJK	HZ	83	69	EP		0023	1.127	-0.21							1.0
PEJK	HN	83	69	ES		0023	3.258	-0.01							1.0
ME02AHZ		87	349	EP		0023	2.150	0.04							1.0
ME02AHE		87	349	ES		0023	4.806	0.14							1.0
LACI	HZ	89	159	EP		0023	2.271	0.01							1.0
LACI	HE	89	159	ES		0023	4.968	0.01							1.0
LACI	HZ	89	159	IAML		0023	0.206			15	0.5				
KKS	HZ	95	111	EP		0023	3.216	-0.05							1.0
KKS	HE	95	111	ES		0023	6.290	-0.47							1.0

AL03AHZ	103	147	EP	0023	4.683	0.04											1.0
AL03AHN	103	147	ES	0023	9.969	0.71											1.0
SJES BZ	111	28	EP	0023	6.317	0.42											1.0
SJES BN	111	28	ES	0023	1.507	-0.02											1.0
PHP HZ	120	130	EP	0023	6.797	-0.57											1.0
PHP HE	120	130	ES	0023	4.166	-0.02											1.0
AL08AHZ	156	155	EP	0023	2.235	-0.58											1.0
AL08AHE	156	155	ES	0023	4.735	0.69											1.0
GMRK HZ	158	78	EP	0023	3.366	0.16											0.9
GMRK HN	158	78	ES	0023	4.306	-0.45											0.9
AL05AHZ	206	154	EP	0023	9.202	-0.12											0.9

July 9 2023 Hour: 23:35 40.7 Lat: 38.79N Lon: 20.91E 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	73	202	EP		2335	3.022	-0.79							1.0
VLS	HE	73	202	ES		2336	4.599	0.16							1.0
IGT	HZ	96	329	EP		2335	6.650	-1.21							1.0
IGT	HE	96	329	ES		2336	2.264	0.49							1.0
IGT	HZ	96	329	IAML		2336	3.483			8	0.3				
THL	HZ	129	48	EP		2336	2.929	-0.33							1.0
THL	HE	129	48	ES		2336	0.894	-0.64							1.0
KEK	HZ	140	317	EP		2336	4.403	-0.78							1.0
KEK	HN	140	317	ES		2336	5.777	0.76							1.0
KEK	HZ	140	317	IAML		2336	7.731			21	1.1				
SRN	HZ	144	327	EP		2336	5.502	-0.31							1.0
SRN	HE	144	327	ES		2336	6.418	0.26							1.0
SRN	HZ	144	327	IAML		2336	2.800			7	1.3				
AL06AHZ	175	326	EP			2336	0.749	-0.21							0.9
AL06AHE	175	326	ES			2336	5.098	-0.38							0.9
NEST	HZ	181	4	EP		2336	2.165	0.16							0.9
NEST	HN	181	4	ES		2336	8.675	1.31							0.9
NEST	HZ	181	4	IAML		2336	2.632			7	0.8				
TPE	HZ	184	336	EP		2336	1.644	-0.64							0.9
TPE	HN	184	336	ES		2336	8.050	0.18							0.9
TPE	HZ	184	336	IAML		2336	5.581			9	1.2				
ITM	HZ	200	153	EP		2336	5.132	0.79							0.9
ITM	HN	200	153	ES		2336	2.627	1.03							0.9
KBN	HZ	204	357	EP		2336	5.132	0.21							0.9
KBN	HN	204	357	ES		2336	3.465	0.81							0.9
KBN	HZ	204	357	IAML		2336	4.175			5	0.2				
PLG	HZ	280	50	EP		2336	4.095	-0.56							0.8

July 10 2023 Hour: 3:44 49.2 Lat: 38.77N Lon: 20.91E D: 10.0F Ag: TIR Local
Magnitudes: 2.5ML TIR Rms: 0.5 secs
116 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	72	203	EP		0345	1.141	-0.82							1.0
VLS	HE	72	203	ES		0345	2.766	0.46							1.0
IGT	HZ	98	330	EP		0345	4.757	-1.53							1.0
IGT	HE	98	330	ES		0345	0.316	0.17							1.0
IGT	HZ	98	330	IAML		0345	7.460			37	0.6				
THL	HZ	130	47	EP		0345	1.068	-0.49							1.0
THL	HE	130	47	ES		0345	9.564	-0.13							1.0
KEK	HZ	142	318	EP		0345	3.806	0.23							1.0
KEK	HN	142	318	ES		0345	3.981	0.63							1.0
KEK	HZ	142	318	IAML		0345	7.373			48	0.5				
SRN	HZ	146	328	EP		0345	4.573	0.34							1.0
SRN	HN	146	328	ES		0345	3.478	-1.05							1.0
SRN	HZ	146	328	IAML		0345	2.432			13	0.6				
AL06AHZ	176	326	EP			0345	9.229	0.05							0.9
AL06AHN	176	326	ES			0345	3.502	0.01							0.9
NEST	HZ	183	4	EP		0345	0.121	0.05							0.9

NEST	HN	183	4	ES	0345	5.065	-0.02										0.9
NEST	HZ	183	4	IAML	0345	2.951			27	0.7							
TPE	HZ	186	336	EP	0345	0.566	0.22										0.9
TPE	HN	186	336	ES	0345	5.684	0.08										0.9
TPE	HZ	186	336	IAML	0345	3.294			27	1.1							
KZN	HZ	186	23	EP	0345	0.441	0.01										0.9
ITM	HZ	198	153	EP	0345	1.972	-0.03										0.9
ITM	HN	198	153	ES	0345	8.894	0.30										0.9
KBN	HZ	206	357	EP	0345	3.835	0.84										0.9
KBN	HE	206	357	ES	0345	1.229	0.84										0.9
KBN	HZ	206	357	IAML	0346	1.159			16	0.7							
AL05AHZ		219	348	EP	0345	4.920	0.24										0.9
AL05AHN		219	348	ES	0345	3.610	0.18										0.9
BERA	HZ	229	339	EP	0345	6.030	0.07										0.9
BERA	HN	229	339	ES	0345	5.808	0.05										0.9
BERA	HZ	229	339	IAML	0346	9.497			13	1.0							
SCTE	HZ	255	305	EP	0345	8.950	-0.29										0.9
PHP	HZ	326	353	EP	0345	8.358	-0.01										0.8
PHP	HZ	326	353	IAML	0346	4.492			6	1.3							

July 11 2023 Hour: 20:52 42.8 Lat: 40.54N Lon: 20.86E D: 2.4 Ag: TIR Local
Magnitudes: 2.0ML TIR 2.5MW TIR Rms: 0.6 secs
10 km SE of Korce

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	11	328	EP		2052	5.166	0.34							1.0
KBN	HE	11	328	ES		2052	6.641	0.15							1.0
KBN	HZ	11	328	IAML		2052	8.438			596	0.2				
NEST	HZ	21	130	EP		2052	7.354	0.72							1.0
NEST	HN	21	130	ES		2052	0.162	0.40							1.0
NEST	HZ	21	130	IAML		2052	2.940			317	0.3				
AL07AHZ		43	339	EP		2052	1.884	1.46							1.0
AL07AHE		43	339	ES		2052	6.772	0.14							1.0
AL05AHZ		44	295	EP		2052	0.480	-0.06							1.0
AL05AHE		44	295	ES		2052	6.934	0.09							1.0
AL05AHZ		44	295	IAML		2052	9.398			0.20	0.1				
TPE	HZ	76	249	EP		2052	5.595	-0.82							1.0
TPE	HN	76	249	ES		2053	7.728	0.26							1.0
TPE	HZ	76	249	IAML		2053	1.571			27	0.6				
BERA	HZ	79	284	EP		2052	5.682	-1.18							1.0
BERA	HN	79	284	ES		2053	7.379	-0.90							1.0
BERA	HZ	79	284	IAML		2053	8.968			34	0.2				
KZN	HZ	82	108	EP		2052	7.283	-0.10							1.0
KZN	HN	82	108	ES		2053	8.853	-0.36							1.0
AL08AHZ		89	315	EP		2052	7.614	-1.13							1.0
AL08AHN		89	315	ES		2053	1.705	0.02							1.0
JAN	HZ	98	180	EP		2053	0.406	0.14							1.0
SRN	HZ	103	225	EP		2053	1.113	-0.10							1.0
SRN	HE	103	225	ES		2053	6.575	0.42							1.0
SRN	HZ	103	225	IAML		2053	3.484			10	0.3				
AL06AHZ		106	242	EP		2053	1.730	0.05							1.0
AL06AHN		106	242	ES		2053	7.368	0.36							1.0
IGT	HZ	120	202	EP		2053	4.244	0.14							1.0
IGT	HN	120	202	ES		2053	1.475	0.09							1.0
IGT	HZ	120	202	IAML		2053	9.810			9	0.4				
KEK	HZ	129	225	EP		2053	6.190	0.71							1.0
KEK	HN	129	225	ES		2053	3.783	-0.09							1.0
KEK	HZ	129	225	IAML		2053	8.677			18	0.7				
PHP	HZ	132	345	EP		2053	6.025	-0.03							1.0
PHP	HN	132	345	ES		2053	4.994	0.08							1.0
PHP	HZ	132	345	IAML		2053	8.079			7	0.2				
AL03AHZ		138	329	EP		2053	6.811	-0.24							1.0
AL03AHN		138	329	ES		2053	6.832	0.10							1.0
THL	HZ	146	137	EP		2053	7.997	-0.45							1.0
THL	HN	146	137	ES		2053	9.136	-0.11							1.0

LACI HZ	155	322	EP	2053	9.892	0.04												1.0
LACI HZ	155	322	IAML	2053	5.940				12	0.8								
AL02AHZ	156	309	EP	2053	9.569	-0.50												1.0
AL02AHE	156	309	ES	2053	2.190	0.00												1.0
SCTE HZ	210	256	EP	2053	8.305	0.35												0.9
PLG HZ	220	94	EP	2053	7.508	-1.86												0.9
AL01AHZ	229	332	EP	2053	0.574	0.06												0.9
PVY HZ	240	342	EP	2053	3.911	1.88												0.9

July 11 2023 Hour: 23:56 23.0 Lat: 40.85N Lon: 20.38E D: 7.3 Ag: TIR Local
Magnitudes: 3.1ML TIR 3.7MW TIR Rms: 0.8 secs
16 km E of Gramsh

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL05AHZ		16	177	EP		2356	5.838	-0.34							1.0
AL05AHN		16	177	ES		2356	9.393	0.64							1.0
AL07AHZ		26	77	EP		2356	8.141	0.36							1.0
AL07AHE		26	77	ES		2356	2.740	1.09							1.0
AL08AHZ		37	320	EP		2356	9.760	0.03							1.0
AL08AHN		37	320	ES		2356	5.055	-0.13							1.0
BERA HZ		40	246	EP		2356	9.813	-0.46							1.0
BERA HN		40	246	ES		2356	5.207	-0.97							1.0
BERA HZ		40	246	IAML		2356	6.432		1009	0.1					
KBN HZ		42	126	EP		2356	0.754	0.06							1.0
KBN HN		42	126	ES		2356	6.770	-0.15							1.0
KBN HZ		42	126	IAML		2356	8.231		974	1.3					
BPA2 HZ		66	259	EP		2356	4.542	-0.29							1.0
TPE HZ		69	207	EP		2356	4.625	-0.77							1.0
TPE HN		69	207	ES		2356	5.820	0.39							1.0
TPE HZ		69	207	IAML		2356	5.548		341	0.8					
TIR HZ		70	322	EP		2356	5.537	-0.11							1.0
TIR HN		70	322	ES		2356	6.712	0.82							1.0
TIR HZ		70	322	IAML		2356	2.712		145	0.9					
AL04AHZ		71	284	EP		2356	7.285	1.47							0.0
NEST HZ		74	130	EP		2356	5.429	-0.89							1.0
NEST HN		74	130	ES		2356	7.092	-0.02							1.0
NEST HZ		74	130	IAML		2356	2.815		265	1.1					
VLO HZ		86	241	EP		2356	8.865	0.56							1.0
VLO HN		86	241	ES		2356	0.728	0.03							1.0
VLO HZ		86	241	IAML		2357	1.024		299	0.3					
AL03AHZ		89	339	EP		2356	8.970	0.10							1.0
AL03AHE		89	339	ES		2356	1.773	0.05							1.0
PHP HZ		93	3	EP		2356	9.284	-0.18							1.0
PHP HN		93	3	ES		2356	3.231	0.42							1.0
PHP HZ		93	3	IAML		2356	8.043		688	0.9					
AL06AHZ		100	212	EP		2356	9.936	-0.63							1.0
AL06AHE		100	212	ES		2356	5.166	0.37							1.0
AL02AHZ		104	307	EP		2356	3.533	2.33							0.0
LACI HZ		104	328	EP		2356	1.719	0.49							1.0
LACI HZ		104	328	IAML		2357	3.575		139	0.6					
SRN HZ		112	197	EP		2356	2.302	-0.37							1.0
SRN HE		112	197	ES		2356	8.089	-0.53							1.0
SRN HZ		112	197	IAML		2357	0.308		83	0.5					
KZN HZ		132	117	EP		2356	4.547	-1.45							1.0
KKS HZ		136	1	EP		2356	6.222	-0.40							1.0
KKS HE		136	1	ES		2357	5.066	-0.69							1.0
KEK HZ		136	202	EP		2356	7.063	0.51							1.0
KEK HZ		136	202	IAML		2357	4.059		128	0.4					
JAN HZ		138	163	EP		2356	6.419	-0.60							1.0
JAN HE		138	163	ES		2357	9.651	3.18							1.0
IGT HZ		146	182	EP		2356	8.300	-0.04							1.0
IGT HE		146	182	ES		2357	0.748	1.89							1.0
IGT HZ		146	182	IAML		2357	9.036		118	1.1					
PRZK HZ		154	12	EP		2356	0.467	0.74							1.0
AL01AHZ		180	338	EP		2356	3.862	-0.08							0.9

July 12 2023 Hour: 10:40 44.5 Lat: 38.71N Lon: 20.60E D: 10.6 Ag: TIR Local
Magnitudes: 2.7ML TIR 2.9MW TIR Rms: 0.3 secs

111 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	10	31	EP		1040	7.421	0.24							1.0
LKD2	HE	10	31	ES		1040	9.119	-0.22							1.0
VLS	HZ	59	181	EP		1040	5.262	0.12							1.0
VLS	HE	59	181	ES		1041	3.487	-0.27							1.0
IGT	HZ	94	346	EP		1041	0.684	-0.26							1.0
IGT	HE	94	346	ES		1041	4.275	0.03							1.0
IGT	HZ	94	346	IAML		1041	8.241			103	0.2				
KEK	HZ	131	328	EP		1041	7.612	0.53							1.0
KEK	HN	131	328	ES		1041	5.522	0.15							1.0
KEK	HZ	131	328	IAML		1041	4.870			90	0.4				
SRN	HZ	140	339	EP		1041	9.210	0.69							1.0
SRN	HN	140	339	ES		1041	7.636	-0.33							1.0
SRN	HZ	140	339	IAML		1041	6.652			30	0.4				
THL	HZ	155	52	EP		1041	0.747	-0.31							1.0
THL	HE	155	52	ES		1041	2.760	0.21							1.0
AL06AHZ		169	335	EP		1041	2.983	-0.48							0.9
TPE	HZ	183	344	EP		1041	4.828	-0.44							0.9
ITM	HZ	206	145	EP		1041	8.617	0.33							0.9

July 13 2023 Hour: 9:53 28.4 Lat: 38.90N Lon: 21.21E D: 4.8 Ag: TIR Distant
Magnitudes: 3.5ML TIR Rms: 0.4 secs

122 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JAN	HZ	90	340	EP		0953	3.282	-0.58							1.0
JAN	HN	90	340	ES		0953	5.445	0.35							1.0
VLS	HZ	97	214	EP		0953	4.714	-0.38							1.0
VLS	HN	97	214	ES		0953	7.645	0.43							1.0
THL	HZ	101	43	EP		0953	5.863	-0.02							1.0
THL	HN	101	43	ES		0953	8.814	0.23							1.0
IGT	HZ	103	313	EP		0953	5.446	-0.79							1.0
IGT	HN	103	313	ES		0953	9.531	0.34							1.0
SRN	HZ	151	317	EP		0953	4.254	0.26							1.0
SRN	HN	151	317	ES		0954	3.151	-0.01							1.0
KZN	HZ	163	17	EP		0953	5.247	-0.43							1.0
KZN	HN	163	17	ES		0954	5.910	-0.36							1.0
AL06AHZ		182	317	EP		0953	7.807	-0.05							1.0
AL06AHE		182	317	ES		0954	9.249	-0.95							1.0
TPE	HZ	186	327	EP		0953	9.279	0.91							1.0
TPE	HN	186	327	ES		0954	1.399	0.28							1.0
TPE	HZ	186	327	IAML		0954	8.502			258	1.0				
KBN	HZ	195	349	EP		0953	9.686	0.14							1.0
KBN	HN	195	349	ES		0954	3.658	0.43							1.0
KBN	HZ	195	349	IAML		0954	9.299			158	0.9				
ITM	HZ	201	162	EP		0954	3.847	3.59							0.0
AL05AHZ		212	341	EP		0954	3.274	1.59							0.0
BERA	HZ	228	332	EP		0954	3.378	-0.12							1.0
BERA	HZ	228	332	IAML		0954	4.077			162	0.7				
PLG	HZ	252	49	EP		0954	6.497	-0.10							1.0
BOSS	SZ	413	14	EP		0954	6.743	0.17							1.0
BARS	BZ	438	6	EP		0954	9.788	0.22							1.0
BARS	BZ	438	6	IAML		0955	5.147			8	0.9				

July 13 2023 Hour: 9:54 48.2 Lat: 38.92N Lon: 21.18E D: 11.1 Ag: TIR Local
Magnitudes: 3.4ML TIR Rms: 0.4 secs

118 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JAN	HZ	86	341	EP		0955	3.263	-0.04							1.0
JAN	HE	86	341	ES		0955	4.910	-0.60							1.0
VLS	HZ	98	212	EP		0955	4.903	-0.33							1.0

VLS	HN	98	212	ES		0955	9.047	0.03									1.0
IGT	HZ	100	313	EP		0955	5.585	0.05									1.0
IGT	HN	100	313	ES		0955	9.634	0.07									1.0
IGT	HZ	100	313	IAML		0955	5.607			481	0.5						
THL	HZ	101	45	EP		0955	6.563	0.80									1.0
THL	HN	101	45	ES		0955	9.585	-0.39									1.0
SRN	HZ	147	317	EP		0955	3.342	-0.06									1.0
SRN	HN	147	317	ES		0955	3.991	0.18									1.0
SRN	HZ	147	317	IAML		0955	4.772			215	0.6						
KEK	HZ	148	307	EP		0955	4.171	0.59									1.0
KEK	HE	148	307	ES		0955	3.823	-0.31									1.0
KEK	HZ	148	307	IAML		0955	0.298			670	0.5						
AL06AHZ		178	317	EP		0955	8.750	0.47									0.9
ITM	HZ	205	161	EP		0955	1.281	-0.43									0.9

July 13 2023 Hour: 12:51 6.0 Lat: 38.93N Lon: 21.16E D: 10.4 Ag: TIR Local
Magnitudes: 2.3ML TIR Rms: 0.5 secs
116 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	46	250	EP		1251	5.018	0.56							1.0
LKD2	HN	46	250	ES		1251	1.711	0.38							1.0
VLS	HZ	97	211	EP		1251	2.291	-0.67							1.0
VLS	HE	97	211	ES		1251	5.969	-0.75							1.0
IGT	HZ	98	313	EP		1251	3.325	0.30							1.0
IGT	HE	98	313	ES		1251	7.494	0.66							1.0
IGT	HZ	98	313	IAML		1251	4.012			35	0.4				
THL	HZ	102	46	EP		1251	3.831	0.10							1.0
THL	HE	102	46	ES		1251	8.185	0.08							1.0
SRN	HZ	145	317	EP		1251	0.729	-0.17							1.0
SRN	HE	145	317	ES		1251	0.762	-0.32							1.0
SRN	HZ	145	317	IAML		1251	8.590			18	0.5				
KEK	HZ	146	307	EP		1251	1.189	0.14							1.0
KEK	HE	146	307	ES		1251	0.522	-0.84							1.0
KEK	HZ	146	307	IAML		1251	7.728			43	0.5				
KZN	HZ	162	19	EP		1251	3.429	-0.27							0.9
NEST	HZ	165	357	EP		1251	4.783	0.50							0.9
NEST	HE	165	357	ES		1251	6.242	-0.97							0.9
AL06AHZ		176	317	EP		1251	5.781	-0.11							0.9
AL06AHE		176	317	ES		1252	0.802	0.68							0.9
ITM	HZ	206	161	EP		1251	0.465	0.74							0.9

July 13 2023 Hour: 23:16 24.2 Lat: 40.42N Lon: 20.99E D: 10.8 Ag: TIR Local
Magnitudes: 2.2ML TIR Rms: 0.8 secs
22 km S of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	5	100	EP		2316	6.912	0.41							1.0
NEST	HN	5	100	ES		2316	8.666	0.29							1.0
NEST	HZ	5	100	IAML		2316	9.820			948	0.4				
KBN	HZ	28	323	EP		2316	9.344	-0.27							1.0
KBN	HN	28	323	ES		2316	4.226	0.22							1.0
KBN	HZ	28	323	IAML		2316	6.138			100	0.1				
AL07AHZ		59	334	EP		2316	5.014	0.22							1.0
AL07AHN		59	334	ES		2316	4.395	1.01							1.0
AL05AHZ		60	302	EP		2316	4.369	-0.49							1.0
AL05AHN		60	302	ES		2316	2.873	-0.62							1.0
KZN	HZ	68	101	EP		2316	6.528	0.29							1.0
KZN	HN	68	101	ES		2316	6.676	0.68							1.0
TPE	HZ	84	261	EP		2316	8.202	-0.70							1.0
BERA	HZ	93	290	EP		2316	9.691	-0.78							1.0
BERA	HN	93	290	ES		2316	2.801	-0.86							1.0
BERA	HZ	93	290	IAML		2316	5.005			20	0.1				
SRN	HZ	104	235	EP		2316	1.815	-0.35							1.0
SRN	HN	104	235	ES		2316	7.147	0.42							1.0
SRN	HZ	104	235	IAML		2317	1.634			17	0.3				

AL06AHZ	111	251	EP	2316	3.798	0.37									1.0
AL06AHN	111	251	ES	2316	9.080	0.06									1.0
IGT HZ	114	210	EP	2316	3.399	-0.47									1.0
IGT HN	114	210	ES	2316	9.534	-0.27									1.0
IGT HZ	114	210	IAML	2317	4.956				23	0.6					
KEK HZ	129	233	EP	2316	7.827	1.48									1.0
KEK HZ	129	233	IAML	2317	8.276				26	0.4					
THL HZ	129	137	EP	2316	6.025	-0.45									1.0
KEK HN	129	233	ES	2317	4.922	0.63									1.0
THL HN	129	137	ES	2317	2.898	-1.63									1.0
PHP HZ	148	342	EP	2316	8.315	-1.21									1.0
PHP HN	148	342	ES	2317	8.836	-1.22									1.0
PHP HZ	148	342	IAML	2317	6.494				18	1.3					
LACI HZ	172	322	EP	2316	5.225	1.73									0.9
LACI HN	172	322	ES	2317	8.408	1.17									0.9
LACI HZ	172	322	IAML	2317	3.711				15	0.5					
LKD2 HZ	184	189	EP	2316	5.612	0.57									0.9

July 13 2023 Hour: 23:16 23.9 Lat: 40.42N Lon: 21.01E D: 14.0 Ag: TIR Local
Magnitudes: 2.2ML TIR 2.9MW TIR Rms: 0.8 secs
22 km S of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST HZ		3	103	EP		2316	6.840	0.23							1.0
NEST HN		3	103	ES		2316	8.819	0.00							1.0
NEST HZ		3	103	IAML		2316	0.468			986	0.1				
KBN HZ		29	320	EP		2316	9.380	-0.27							1.0
KBN HN		29	320	ES		2316	3.878	-0.45							1.0
KBN HZ		29	320	IAML		2316	7.703			140	0.5				
AL07AHZ		60	332	EP		2316	5.104	0.45							1.0
AL07AHN		60	332	ES		2316	3.885	0.50							1.0
AL05AHZ		61	301	EP		2316	4.263	-0.56							1.0
AL05AHN		61	301	ES		2316	3.461	-0.22							1.0
KZN HZ		66	101	EP		2316	6.220	0.57							1.0
KZN HN		66	101	ES		2316	5.884	0.70							1.0
TPE HZ		86	261	EP		2316	8.607	-0.28							1.0
TPE HN		86	261	ES		2316	9.836	-1.20							1.0
TPE HZ		86	261	IAML		2316	2.661			26	0.6				
BERA HZ		95	290	EP		2316	9.089	-1.36							1.0
BERA HN		95	290	ES		2316	3.240	-0.62							1.0
BERA HZ		95	290	IAML		2316	5.045			20	0.2				
SRN HZ		105	235	EP		2316	1.838	-0.25							1.0
SRN HN		105	235	ES		2316	7.052	0.22							1.0
SRN HZ		105	235	IAML		2317	1.631			17	0.3				
AL06AHZ		113	251	EP		2316	3.686	0.30							1.0
AL06AHN		113	251	ES		2316	8.755	-0.44							1.0
IGT HZ		114	211	EP		2316	3.450	-0.24							1.0
IGT HN		114	211	ES		2316	9.674	-0.06							1.0
IGT HZ		114	211	IAML		2317	4.957			23	0.5				
THL HZ		128	138	EP		2316	5.856	-0.10							1.0
THL HN		128	138	ES		2317	3.499	-0.34							1.0
KEK HZ		130	233	EP		2316	7.975	1.72							1.0
KEK HN		130	233	ES		2317	5.078	0.70							1.0
KEK HZ		130	233	IAML		2317	8.268			26	0.6				
PHP HZ		148	341	EP		2316	9.110	-0.22							1.0
PHP HN		148	341	ES		2317	9.729	-0.22							1.0
PHP HZ		148	341	IAML		2317	6.499			18	0.6				
AL03AHZ		156	327	EP		2316	0.879	0.28							1.0
AL03AHN		156	327	ES		2317	2.308	0.07							1.0
LACI HZ		173	322	EP		2316	4.303	1.30							0.9
LACI HN		173	322	ES		2317	7.007	0.42							0.9
LACI HZ		173	322	IAML		2317	3.720			15	0.6				
LKD2 HZ		184	190	EP		2316	5.279	0.87							0.9
KKS HZ		190	345	EP		2316	6.121	0.88							0.9
KKS HN		190	345	ES		2317	0.939	0.30							0.9

PLG	HZ	207	91	EP		2316	7.197	-0.17										0.9
PLG	HN	207	91	ES		2317	1.271	-3.22										0.9
PVY	HZ	257	340	EP		2317	4.776	0.91										0.9

July 14 2023 Hour: 4:28 49.1 Lat: 40.27N Lon: 19.85E D: 10.0F Ag: TIR Local
Magnitudes: 2.1ML TIR 2.7MW TIR Rms: 0.4 secs
14 km SW of Memaliaj

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TPE	HZ	15	79	EP		0428	1.453	-0.26							1.0
TPE	HN	15	79	ES		0428	4.037	0.20							1.0
TPE	HZ	15	79	IAML		0428	5.070			225	0.1				
AL06AHZ		22	200	EP		0428	2.810	-0.12							1.0
AL06AHN		22	200	ES		0428	6.341	0.30							1.0
VLO	HZ	37	307	EP		0428	5.234	-0.47							1.0
VLO	HN	37	307	ES		0429	1.627	0.57							1.0
VLO	HZ	37	307	IAML		0429	5.152			116	0.7				
SRN	HZ	45	163	EP		0428	7.144	-0.04							1.0
SRN	HN	45	163	ES		0429	4.156	0.42							1.0
SRN	HZ	45	163	IAML		0429	6.908			116	0.3				
BERA	HZ	49	10	EP		0428	7.595	-0.21							1.0
BERA	HN	49	10	ES		0429	4.761	-0.11							1.0
BERA	HZ	49	10	IAML		0429	5.564			86	0.2				
KEK	HZ	62	184	EP		0428	9.836	-0.33							1.0
KEK	HN	62	184	ES		0429	9.668	0.53							1.0
KEK	HZ	62	184	IAML		0429	2.215			51	0.4				
AL05AHZ		67	44	EP		0429	0.136	-0.90							1.0
AL05AHN		67	44	ES		0429	0.978	0.26							1.0
IGT	HZ	92	153	EP		0429	5.311	-0.19							1.0
IGT	HN	92	153	ES		0429	8.581	-0.21							1.0
IGT	HZ	92	153	IAML		0429	5.384			15	0.5				
NEST	HZ	103	81	EP		0429	7.272	-0.30							1.0
NEST	HZ	103	81	IAML		0429	1.240			17	0.4				
SCTE	HZ	119	260	EP		0429	0.748	0.33							1.0
SCTE	HN	119	260	ES		0429	7.007	-0.69							1.0
PHP	HZ	165	17	EP		0429	8.784	0.76							0.9
PHP	HN	165	17	ES		0429	2.017	0.56							0.9
PHP	HZ	165	17	IAML		0429	8.727			6	0.5				

July 15 2023 Hour: 1:1 58.5 Lat: 40.72N Lon: 20.14E D: 8.5 Ag: TIR Local
Magnitudes: 2.0ML TIR 2.4MW TIR Rms: 0.5 secs
12 km N of Polican

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA	HZ	16	263	EP		0102	1.805	0.07							1.0
BERA	HE	16	263	ES		0102	4.110	-0.23							1.0
BERA	HZ	16	263	IAML		0102	5.028			960	0.1				
AL05AHZ		22	94	EP		0102	3.143	0.43							1.0
AL05AHN		22	94	ES		0102	6.940	0.83							1.0
AL08AHZ		43	356	EP		0102	6.624	0.30							1.0
BPA2	HZ	44	272	EP		0102	6.354	-0.10							1.0
TPE	HZ	48	192	EP		0102	6.864	-0.41							1.0
TPE	HE	48	192	ES		0102	4.273	-0.10							1.0
TPE	HZ	48	192	IAML		0102	9.887			94	0.2				
AL07AHZ		50	66	EP		0102	7.466	-0.13							1.0
AL07AHN		50	66	ES		0102	5.648	0.69							1.0
KBN	HZ	56	101	EP		0102	8.040	-0.64							1.0
KBN	HN	56	101	ES		0102	5.977	-0.93							1.0
KBN	HZ	56	101	IAML		0102	8.385			32	0.6				
AL04AHZ		58	304	EP		0102	8.733	-0.24							1.0
VLO	HZ	61	243	EP		0102	9.889	0.39							1.0
VLO	HN	61	243	ES		0102	8.212	-0.18							1.0
VLO	HZ	61	243	IAML		0102	4.571			61	0.3				
TIR	HZ	73	342	EP		0102	2.079	0.46							1.0
TIR	HN	73	342	ES		0102	2.007	-0.23							1.0
TIR	HZ	73	342	IAML		0102	6.230			9	0.2				

AL06AHZ	77	205	EP	0102	2.635	0.41								1.0
AL06AHE	77	205	ES	0102	3.579	0.24								1.0
NEST HZ	84	113	EP	0102	2.264	-1.26								0.0
NEST HZ	84	113	IAML	0102	7.828			14	0.3					
SRN HZ	94	187	EP	0102	5.212	0.17								1.0
SRN HE	94	187	ES	0102	9.055	0.63								1.0
SRN HZ	94	187	IAML	0102	3.407			23	0.3					
AL03AHZ	99	354	EP	0102	5.648	-0.18								1.0
AL02AHZ	99	321	EP	0102	6.229	0.43								1.0
AL03AHN	99	354	ES	0102	9.936	0.08								1.0
LACI HZ	108	341	EP	0102	8.184	0.85								1.0
LACI HN	108	341	ES	0102	3.045	0.47								1.0
LACI HZ	108	341	IAML	0102	0.084			14	0.4					
PHP HZ	110	13	EP	0102	7.228	-0.56								1.0
PHP HE	110	13	ES	0102	4.067	0.67								1.0
PHP HZ	110	13	IAML	0102	3.606			8	0.5					
KEK HZ	115	194	EP	0102	8.128	-0.50								1.0
KEK HE	115	194	ES	0102	5.032	0.11								1.0
KEK HZ	115	194	IAML	0102	8.318			47	0.4					
IGT HZ	133	173	EP	0102	1.570	0.02								1.0
IGT HN	133	173	ES	0102	0.415	0.21								1.0
IGT HZ	133	173	IAML	0102	6.544			26	0.4					
KZN HZ	146	108	EP	0102	3.461	-0.31								1.0
KZN HE	146	108	ES	0102	3.903	-0.33								1.0
KKS HZ	152	8	EP	0102	4.119	-0.61								1.0
KKS HN	152	8	ES	0102	4.571	-1.39								1.0
SCTE HZ	159	244	EP	0102	5.004	-0.85								0.9
AL01AHZ	187	345	EP	0102	0.214	0.01								0.9
THL HZ	205	128	EP	0102	3.309	0.94								0.9
PVY HZ	209	356	EP	0102	2.702	-0.28								0.9
PEJK HZ	214	3	EP	0102	3.523	-0.06								0.9
LKD2 HZ	219	168	EP	0102	3.292	-0.90								0.9
NKME HZ	248	337	EP	0102	7.781	-0.12								0.9
SJES BZ	283	357	EP	0102	2.594	0.15								0.8
ME02AHZ	283	343	EP	0102	3.100	0.53								0.8

July 15 2023 Hour: 1:50 22.9 Lat: 40.63N Lon: 21.28E D: 15.3 Ag: TIR Local
Magnitudes: 2.7ML TIR 3.1MW TIR Rms: 0.6 secs
24 km E of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST HZ		32	219	EP		0150	9.398	0.26							1.0
NEST HE		32	219	ES		0150	3.540	-0.63							1.0
NEST HZ		32	219	IAML		0150	5.110			1523	0.3				
KBN HZ		42	269	EP		0150	0.628	-0.16							1.0
KBN HE		42	269	ES		0150	7.550	0.40							1.0
KBN HZ		42	269	IAML		0150	8.446			495	0.2				
KZN HZ		55	131	EP		0150	3.475	0.56							1.0
KZN HN		55	131	ES		0150	0.934	-0.08							1.0
AL07AHZ		59	300	EP		0150	4.041	0.49							1.0
AL07AHE		59	300	ES		0150	2.822	0.66							1.0
AL05AHZ		76	276	EP		0150	6.068	-0.27							1.0
AL05AHE		76	276	ES		0150	6.889	-0.31							1.0
AL08AHZ		112	298	EP		0150	2.452	0.05							1.0
AL08AHN		112	298	ES		0150	8.960	0.77							1.0
BERA HZ		113	274	EP		0150	2.273	-0.23							1.0
BERA HE		113	274	ES		0150	7.617	-0.74							1.0
BERA HZ		113	274	IAML		0151	4.071			87	0.6				
TPE HZ		114	251	EP		0150	2.509	-0.15							1.0
TPE HN		114	251	ES		0150	8.511	-0.13							1.0
TPE HZ		114	251	IAML		0151	4.823			71	0.6				
JAN HZ		115	199	EP		0150	3.683	0.90							1.0
THL HZ		134	152	EP		0150	5.535	-0.46							1.0
THL HN		134	152	ES		0151	3.772	-0.92							1.0
PHP HZ		136	329	EP		0150	6.816	0.39							1.0

PHP	HE	136	329	ES	0151	4.369	-1.09							1.0
PHP	HZ	136	329	IAML	0151	8.216		62	0.9					
SRN	HZ	138	233	EP	0150	7.053	0.48							1.0
SRN	HE	138	233	ES	0151	5.350	-0.39							1.0
SRN	HZ	138	233	IAML	0151	8.269		48	0.3					
THE	HZ	142	90	EP	0150	7.037	-0.31							1.0
THE	HN	142	90	ES	0151	7.163	0.03							1.0
THE	HZ	142	90	IAML	0151	1.902		21	0.5					
AL06AHZ		143	245	EP	0150	8.032	0.54							1.0
AL06AHN		143	245	ES	0151	7.223	-0.17							1.0
IGT	HZ	147	214	EP	0150	8.428	0.31							1.0
IGT	HE	147	214	ES	0151	8.027	-0.51							1.0
IGT	HZ	147	214	IAML	0151	3.010		29	0.4					
AL04AHZ		151	286	EP	0150	1.050	2.27							0.0
AL04AHN		151	286	ES	0151	0.391	0.67							1.0
AL03AHZ		152	315	EP	0150	8.573	-0.37							1.0
AL03AHN		152	315	ES	0151	7.980	-2.03							1.0
VLO	HZ	153	264	EP	0150	9.797	0.78							1.0
VLO	HE	153	264	ES	0151	0.253	0.11							1.0
VLO	HZ	153	264	IAML	0151	5.639		115	0.4					
KEK	HZ	163	232	EP	0150	1.010	0.42							0.9
KEK	HN	163	232	ES	0151	2.770	-0.22							0.9
KEK	HZ	163	232	IAML	0151	5.239		52	0.5					
LACI	HZ	172	311	EP	0150	3.345	1.56							0.0
LACI	HE	172	311	ES	0151	4.897	-0.27							0.9
LACI	HZ	172	311	IAML	0151	7.339		23	0.7					
AL02AHZ		181	299	EP	0150	4.958	2.12							0.0
PLG	HZ	185	98	EP	0150	3.466	-0.07							0.9
BOSS	SZ	229	25	EP	0150	8.924	-0.24							0.9
NVR	HZ	231	69	EP	0150	9.845	0.43							0.9
PEJK	HZ	238	340	EP	0151	0.395	0.05							0.9
AL01AHZ		239	323	EP	0151	1.160	0.67							0.9
PVY	HZ	244	334	EP	0151	1.262	0.11							0.9
BARS	BZ	246	10	EP	0151	0.855	-0.47							0.9
PDG	HZ	261	320	EP	0151	4.046	0.85							0.9
PDG	HZ	261	320	IAML	0151	5.904		7	0.4					
VLS	HZ	279	193	EP	0151	5.681	0.14							0.8
NKME	HZ	306	321	EP	0151	9.056	0.02							0.8
SJES	BZ	311	340	EP	0151	9.233	-0.54							0.8
ME02AHZ		333	328	EP	0151	3.562	1.04							0.8
SGRT	HZ	481	287	EP	0151	8.687	-2.80							0.0

July 15 2023 Hour: 3:41 33.7 Lat: 40.85N Lon: 20.40E D: 4.2 Ag: TIR Local
Magnitudes: 2.5ML TIR 3.0MW TIR Rms: 0.5 secs
17 km E of Gramsh

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL05AHZ		17	182	EP		0341	6.781	-0.00							1.0
AL05AHE		17	182	ES		0341	9.154	-0.14							1.0
AL07AHZ		24	78	EP		0341	8.741	0.63							1.0
AL08AHZ		37	318	EP		0341	0.400	0.03							1.0
AL08AHN		37	318	ES		0341	6.194	0.40							1.0
BERA	HZ	41	246	EP		0341	0.506	-0.62							1.0
BERA	HE	41	246	ES		0341	6.535	-0.61							1.0
BERA	HZ	41	246	IAML		0341	7.102		779	0.2					
KBN	HZ	42	128	EP		0341	1.592	0.38							1.0
KBN	HN	42	128	ES		0341	7.758	0.45							1.0
KBN	HZ	42	128	IAML		0341	1.684		111	0.5					
TPE	HZ	70	208	EP		0341	5.379	-0.86							1.0
TPE	HN	70	208	ES		0341	6.410	0.01							1.0
TPE	HZ	70	208	IAML		0342	1.413		107	0.6					
TIR	HZ	71	321	EP		0341	6.296	-0.02							1.0
TIR	HE	71	321	ES		0341	7.131	0.58							1.0
TIR	HZ	71	321	IAML		0342	8.754		31	0.5					
AL04AHZ		72	284	EP		0341	7.660	1.03							1.0

NEST HZ	74	131	EP	0341	6.649	-0.24											1.0
NEST HN	74	131	ES	0341	7.393	-0.19											1.0
NEST HZ	74	131	IAML	0342	2.744				92	0.3							
VLO HZ	88	241	EP	0341	9.550	0.22											1.0
VLO HN	88	241	ES	0342	2.274	0.27											1.0
VLO HZ	88	241	IAML	0342	0.629				92	0.5							
AL03AHZ	89	338	EP	0341	9.787	0.16											1.0
AL03AHN	89	338	ES	0342	2.451	-0.10											1.0
PHP HZ	92	2	EP	0341	0.045	-0.12											1.0
PHP HE	92	2	ES	0342	3.060	-0.46											1.0
PHP HZ	92	2	IAML	0342	7.705				79	0.5							
AL06AHZ	101	213	EP	0341	0.574	-1.08											1.0
AL06AHE	101	213	ES	0342	6.429	0.22											1.0
LACI HZ	104	327	EP	0341	2.340	0.21											1.0
LACI HN	104	327	ES	0342	7.628	0.57											1.0
LACI HZ	104	327	IAML	0342	3.647				38	0.8							
AL02AHZ	104	306	EP	0341	3.727	1.55											0.0
SRN HZ	113	197	EP	0341	3.418	-0.31											1.0
SRN HE	113	197	ES	0342	0.162	0.20											1.0
SRN HZ	113	197	IAML	0342	5.008				26	0.5							
KZN HZ	131	117	EP	0341	6.614	-0.16											1.0
KKS HZ	135	0	EP	0341	7.308	-0.08											1.0
KKS HN	135	0	ES	0342	5.261	-1.33											1.0
KEK HZ	137	202	EP	0341	7.639	0.02											1.0
KEK HN	137	202	ES	0342	7.276	0.27											1.0
KEK HZ	137	202	IAML	0342	1.886				36	0.2							
IGT HZ	147	182	EP	0341	9.069	-0.28											1.0
IGT HN	147	182	ES	0342	0.660	0.53											1.0
IGT HZ	147	182	IAML	0342	7.050				27	0.6							
AL01AHZ	180	337	EP	0342	4.391	-0.52											0.9
AL01AHE	180	337	ES	0342	0.007	-0.20											0.9
SCTE HZ	185	243	EP	0342	5.367	-0.17											0.9
PVY HZ	197	349	EP	0342	6.906	-0.22											0.9
PEJK HZ	199	357	EP	0342	7.383	0.04											0.9
THL HZ	199	136	EP	0342	7.540	0.29											0.9
GMRK HZ	212	19	EP	0342	0.045	1.02											0.9
BOSS SZ	251	43	EP	0342	3.424	-0.57											0.9
SJES BZ	270	353	EP	0342	8.175	1.70											0.0
ME02AHZ	276	338	EP	0342	8.293	0.90											0.8

July 15 2023 Hour: 4:28 59.6 Lat: 40.41N Lon: 20.94E D: 11.1 Ag: TIR Local
Magnitudes: 2.5ML TIR 2.8MW TIR Rms: 0.6 secs
20 km E of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	9	89	EP		0429	2.658	0.36							1.0
NEST	HN	9	89	ES		0429	4.855	0.39							1.0
NEST	HZ	9	89	IAML		0429	6.758			1591	0.2				
KBN	HZ	27	330	EP		0429	5.052	0.19							1.0
KBN	HN	27	330	ES		0429	9.274	0.16							1.0
KBN	HZ	27	330	IAML		0429	3.652			266	0.5				
AL05AHZ	57	305	EP			0429	9.970	0.12							1.0
AL05AHN	57	305	ES			0429	8.809	0.68							1.0
AL07AHZ	58	337	EP			0429	0.841	0.73							1.0
AL07AHE	58	337	ES			0429	8.927	0.32							1.0
KZN	HZ	71	99	EP		0429	2.038	-0.20							1.0
KZN	HN	71	99	ES		0429	2.283	-0.17							1.0
TPE	HZ	80	261	EP		0429	3.748	0.06							1.0
TPE	HN	80	261	ES		0429	4.645	-0.43							1.0
TPE	HZ	80	261	IAML		0429	3.276			52	0.4				
BERA	HZ	90	291	EP		0429	4.979	-0.39							1.0
BERA	HN	90	291	ES		0429	7.748	-0.37							1.0
BERA	HZ	90	291	IAML		0429	0.167			65	0.2				
SRN	HZ	100	234	EP		0429	7.075	0.09							1.0
SRN	HE	100	234	ES		0429	1.355	0.31							1.0

SRN	HZ	100	234	IAML	0429	7.496			35	0.5					
AL06AHZ		107	251	EP	0429	8.597	0.39								1.0
AL06AHN		107	251	ES	0429	3.990	0.73								1.0
IGT	HZ	111	208	EP	0429	9.261	0.42								1.0
IGT	HN	111	208	ES	0429	3.798	-0.61								1.0
IGT	HZ	111	208	IAML	0429	0.831			43	0.4					
KEK	HZ	125	232	EP	0429	1.151	-0.02								1.0
KEK	HN	125	232	ES	0429	8.015	-0.61								1.0
KEK	HZ	125	232	IAML	0429	4.098			56	0.6					
THL	HZ	131	136	EP	0429	1.347	-0.86								1.0
PHP	HZ	147	343	EP	0429	4.557	-0.36								1.0
PHP	HN	147	343	ES	0429	4.511	-0.90								1.0
PHP	HZ	147	343	IAML	0429	2.238			34	0.3					
AL03AHZ		154	329	EP	0429	6.600	0.62								1.0
AL03AHN		154	329	ES	0429	4.981	-2.36								1.0
LACI	HN	171	323	ES	0429	2.690	0.41								0.9
LACI	HZ	171	323	IAML	0429	9.632			31	0.5					
AL02AHZ		171	311	EP	0429	0.186	1.43								0.0
LACI	HZ	171	323	EP	0429	8.890	0.18								0.9
LKD2	HZ	182	188	EP	0429	0.630	0.38								0.9
AL01AHZ		244	332	EP	0429	9.387	1.08								0.9
VLS	HZ	250	187	EP	0429	8.171	-0.79								0.9
ME02AHZ		340	334	EP	0429	1.176	0.54								0.8

July 16 2023 Hour: 8:39 7.5 Lat: 38.51N Lon: 20.50E D: 9.9 Ag: TIR Local
Magnitudes: 2.2ML TIR Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	35	24	EP		0839	4.241	0.29							1.0
LKD2	HN	35	24	ES		0839	9.226	0.05							1.0
VLS	HZ	37	167	EP		0839	4.299	-0.11							1.0
VLS	HN	37	167	ES		0839	9.409	-0.59							1.0
IGT	HZ	115	353	EP		0839	7.155	-0.32							1.0
IGT	HN	115	353	ES		0839	4.720	1.08							1.0
IGT	HZ	115	353	IAML		0839	6.472			23	0.2				
KEK	HZ	147	336	EP		0839	3.983	1.17							1.0
KEK	HE	147	336	ES		0839	2.404	-0.91							1.0
KEK	HZ	147	336	IAML		0840	0.811			18	0.5				
SRN	HZ	159	345	EP		0839	3.987	-0.73							0.9
SRN	HE	159	345	ES		0839	6.377	-0.38							0.9
SRN	HZ	159	345	IAML		0840	8.719			6	0.2				
THL	HZ	177	48	EP		0839	7.492	-0.03							0.9
THL	HN	177	48	ES		0840	0.898	-0.93							0.9
ITM	HZ	194	139	EP		0839	1.115	1.36							0.9
ITM	HE	194	139	ES		0840	5.957	0.08							0.9

July 16 2023 Hour: 9:56 52.5 Lat: 38.88N Lon: 20.90E D: 5.0F Ag: TIR Local
Magnitudes: 2.4ML TIR 3.3MW TIR Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	24	246	EP		0956	6.738	-0.08							1.0
LKD2	HN	24	246	ES		0957	1.738	1.42							1.0
VLS	HZ	82	200	EP		0957	5.959	-1.29							1.0
VLS	HN	82	200	ES		0957	8.772	-0.42							1.0
JAN	HZ	87	357	EP		0957	7.874	-0.14							1.0
JAN	HE	87	357	ES		0957	0.301	-0.28							1.0
IGT	HZ	88	326	EP		0957	6.631	-1.61							1.0
IGT	HN	88	326	ES		0957	0.382	-0.60							1.0
IGT	HZ	88	326	IAML		0957	2.309			45	1.3				
THL	HZ	123	51	EP		0957	4.335	0.31							1.0
THL	HE	123	51	ES		0957	1.838	0.38							1.0
KEK	HZ	133	315	EP		0957	5.024	-0.77							1.0
KEK	HE	133	315	ES		0957	4.871	0.22							1.0
KEK	HZ	133	315	IAML		0957	1.413			71	0.5				

SRN	HZ	136	325	EP	0957	6.284	0.04										1.0
SRN	HN	136	325	ES	0957	5.691	0.22										1.0
SRN	HZ	136	325	IAML	0957	2.192				19	0.5						
AL06AHZ		167	324	EP	0957	1.338	-0.07										0.9
AL06AHE		167	324	ES	0957	3.927	-0.89										0.9
KZN	HZ	175	25	EP	0957	2.582	-0.29										0.9
KZN	HE	175	25	ES	0957	7.702	0.23										0.9
AL05AHZ		208	348	EP	0957	7.482	0.31										0.9
AL05AHN		208	348	ES	0957	5.636	0.38										0.9
ITM	HZ	209	154	EP	0957	7.830	0.54										0.9
BERA	HZ	219	338	EP	0957	9.350	0.83										0.9
BERA	HE	219	338	ES	0957	9.065	1.38										0.9
BERA	HZ	219	338	IAML	0958	5.241				17	0.6						
SCTE	HZ	248	303	EP	0957	3.795	1.48										0.9
PLG	HZ	274	52	EP	0957	5.146	-0.55										0.8

July 16 2023 Hour: 20:21 52.5 Lat: 41.85N Lon: 19.71E D: 14.7 Ag: TIR Local
Magnitudes: 2.0ML TIR 2.4MW TIR Rms: 0.4 secs
9 km NE of Lezhe

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LACI	HZ	24	179	EP		2021	8.138	0.79							1.0
LACI	HE	24	179	ES		2022	1.798	0.51							1.0
LACI	HZ	24	179	IAML		2022	2.443			243	0.1				
AL03AHZ		37	138	EP		2021	9.431	0.01							1.0
AL03AHE		37	138	ES		2022	5.429	0.38							1.0
AL02AHZ		56	208	EP		2022	2.773	0.30							1.0
AL01AHZ		57	346	EP		2022	2.923	0.13							1.0
AL01AHN		57	346	ES		2022	1.230	0.08							1.0
TIR	HZ	57	167	EP		2022	2.124	-0.62							1.0
TIR	HN	57	167	ES		2022	0.959	-0.11							1.0
TIR	HZ	57	167	IAML		2022	3.068			26	0.2				
KKS	HZ	62	66	EP		2022	3.586	-0.06							1.0
KKS	HE	62	66	ES		2022	2.626	-0.07							1.0
PHP	HZ	63	106	EP		2022	3.467	-0.35							1.0
PHP	HE	63	106	ES		2022	3.139	0.14							1.0
PHP	HZ	63	106	IAML		2022	5.192			46	0.1				
PDG	HZ	75	330	EP		2022	5.488	-0.15							1.0
PDG	HE	75	330	ES		2022	5.934	-0.36							1.0
PDG	HZ	75	330	IAML		2022	0.054			30	0.2				
PVY	HZ	85	14	EP		2022	7.427	-0.09							1.0
PVY	HE	85	14	ES		2022	9.868	0.17							1.0
AL08AHE		89	158	ES		2022	0.613	0.01							1.0
AL04AHZ		94	188	EP		2022	8.973	0.05							1.0
AL04AHE		94	188	ES		2022	2.343	0.10							1.0
PEJK	HZ	100	28	EP		2022	9.962	0.06							1.0
PEJK	HE	100	28	ES		2022	3.881	-0.13							1.0
ME01AHZ		112	7	EP		2022	1.933	0.07							1.0
ME01AHN		112	7	ES		2022	7.694	0.13							1.0
NKME	HN	120	329	ES		2022	9.549	-0.42							1.0
ME05AHE		120	305	ES		2022	9.991	-0.11							1.0
NKME	HZ	120	329	EP		2022	2.628	-0.57							1.0
ME05AHZ		120	305	EP		2022	3.080	-0.19							1.0
BERA	HZ	129	171	EP		2022	4.095	-0.57							1.0
BERA	HZ	129	171	IAML		2022	3.479			14	0.2				
AL05AHZ		139	156	EP		2022	5.916	-0.51							1.0
AL05AHE		139	156	ES		2022	5.512	-0.30							1.0
ME02AHZ		153	342	EP		2022	9.206	0.39							1.0
ME02AHN		153	342	ES		2022	1.285	1.15							1.0
SJES	BZ	158	8	EP		2022	9.879	0.25							0.9
SJES	BN	158	8	ES		2022	1.443	-0.17							0.9
TPE	HZ	174	171	EP		2022	1.878	0.16							0.9
TPE	HZ	174	171	IAML		2022	3.054			9	0.4				
NEST	HZ	195	144	EP		2022	4.535	0.10							0.9
NEST	HZ	195	144	IAML		2022	2.922			6	0.5				

BARS BZ 204 57 EP 2022 5.349-0.18 0.9
 BARS BZ 204 57 IAML 2022 5.271 4 0.6

July 17 2023 Hour: 5:58 27.1 Lat: 41.66N Lon: 19.68E D: 10.0 Ag: TIR Local
Magnitudes: 2.3ML TIR 2.9MW TIR Rms: 0.4 secs

4 km NW of Lac

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LACI	HZ	4	125	EP		0558	9.020	-0.05							1.0
LACI	HN	4	125	ES		0558	0.782	0.13							1.0
LACI	HZ	4	125	IAML		0558	1.528			722	0.2				
AL03AHZ		28	103	EP		0558	2.153	-0.31							1.0
AL03AHN		28	103	ES		0558	7.397	0.61							1.0
AL02AHZ		36	220	EP		0558	3.475	-0.36							1.0
AL02AHN		36	220	ES		0558	9.762	0.48							1.0
TIR	HZ	38	155	EP		0558	3.031	-1.11							1.0
TIR	HN	38	155	ES		0558	9.920	0.09							1.0
TIR	HZ	38	155	IAML		0558	0.460			156	0.3				
TIR	HZ	38	155	IAML	A	0558	0.548			197	1.0				
PHP	HZ	64	87	EP		0558	8.225	-0.33							1.0
PHP	HN	64	87	ES		0558	7.814	-0.00							1.0
PHP	HZ	64	87	IAML		0558	3.076			52	0.4				
AL04AHZ		73	188	EP		0558	0.585	0.52							1.0
KKS	HZ	76	52	EP		0558	1.079	0.54							1.0
AL01AHZ		77	352	EP		0558	0.073	-0.73							1.0
AL01AHN		77	352	ES		0558	2.121	0.22							1.0
PDG	HZ	92	338	EP		0558	3.199	-0.06							1.0
PDG	HN	92	338	ES		0558	6.659	0.31							1.0
PDG	HZ	92	338	IAML		0559	7.766			32	0.6				
PVY	HZ	107	13	EP		0558	5.642	-0.08							1.0
BERA	HZ	109	168	EP		0558	6.125	0.13							1.0

July 17 2023 Hour: 5:58 26.4 Lat: 41.67N Lon: 19.65E D: 13.0 Ag: TIR Local
Magnitudes: 2.4ML TIR 3.1MW TIR Rms: 0.6 secs

6 km NW of Lac

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LACI	HZ	7	124	EP		0558	8.883	-0.14							1.0
LACI	HN	7	124	ES		0558	0.765	-0.37							1.0
LACI	HZ	7	124	IAML		0558	1.278			2029	0.3				
AL03AHZ		31	105	EP		0558	1.266	-1.03							1.0
AL03AHN		31	105	ES		0558	7.389	0.32							1.0
AL02AHZ		36	216	EP		0558	3.225	0.07							1.0
AL02AHN		36	216	ES		0558	9.277	0.66							1.0
TIR	HZ	40	153	EP		0558	2.580	-1.27							1.0
TIR	HN	40	153	ES		0558	9.382	-0.50							1.0
TIR	HZ	40	153	IAML		0558	0.343			163	0.3				
PHP	HZ	66	88	EP		0558	8.230	0.07							1.0
PHP	HN	66	88	ES		0558	8.334	0.66							1.0
PHP	HZ	66	88	IAML		0558	4.746			65	0.6				
AL01AHZ		76	354	EP		0558	9.410	-0.37							1.0
AL01AHN		76	354	ES		0558	1.266	0.65							1.0
KKS	HZ	77	54	EP		0558	9.769	-0.18							1.0
PDG	HZ	90	339	EP		0558	1.825	-0.34							1.0
PDG	HN	90	339	ES		0558	4.776	-0.14							1.0
PDG	HZ	90	339	IAML		0559	2.343			28	0.2				
PVY	HZ	106	14	EP		0558	5.072	0.24							1.0
BERA	HZ	110	167	EP		0558	5.661	0.12							1.0
BERA	HN	110	167	ES		0559	1.632	0.60							1.0
BERA	HZ	110	167	IAML		0559	3.472			109	0.4				
AL05AHZ		124	150	EP		0558	7.849	0.02							1.0
AL05AHN		124	150	ES		0559	6.047	0.88							1.0
NEST	HZ	182	139	EP		0558	7.667	0.71							0.9
NEST	HN	182	139	ES		0559	1.562	-0.14							0.9
NEST	HZ	182	139	IAML		0559	6.171			26	1.1				
SRN	HZ	201	171	EP		0559	0.274	1.06							0.9

SRN HN 201 171 ES 0559 4.216-1.56 0.9
 SRN HZ 201 171 IAML 0559 2.786 16 0.3

July 17 2023 Hour: 6: 5 32.3 Lat: 40.58N Lon: 20.89E D: 3.3 Ag: TIR Local
Magnitudes: 2.3ML TIR 2.8MW TIR Rms: 0.7 secs
9 km SW of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	10	300	EP		0605	4.282	0.07							1.0
KBN	HN	10	300	ES		0605	5.840	0.06							1.0
KBN	HZ	10	300	IAML		0605	7.646		689	0.2					
NEST	HZ	23	143	EP		0605	6.517	0.13							1.0
NEST	HN	23	143	ES		0605	0.061	0.34							1.0
NEST	HZ	23	143	IAML		0605	1.320		545	0.1					
AL07AHZ		40	334	EP		0605	0.027	0.59							1.0
AL07AHN		40	334	ES		0605	5.808	0.57							1.0
AL05AHZ		44	289	EP		0605	9.716	-0.52							1.0
AL05AHN		44	289	ES		0605	6.444	-0.25							1.0
KZN	HZ	81	112	EP		0605	6.444	-0.25							1.0
KZN	HN	81	112	ES		0605	8.057	-0.31							1.0
TPE	HZ	81	247	EP		0605	6.128	-0.55							1.0
TPE	HN	81	247	ES		0605	8.645	0.30							1.0
TPE	HZ	81	247	IAML		0606	1.111		51	0.6					
BERA	HZ	81	280	EP		0605	5.990	-0.72							1.0
BERA	HN	81	280	ES		0605	7.377	-1.02							1.0
BERA	HZ	81	280	IAML		0605	7.901		46	0.4					
SRN	HZ	108	225	EP		0605	2.084	0.55							1.0
SRN	HN	108	225	ES		0606	7.045	-0.08							1.0
SRN	HZ	108	225	IAML		0606	3.337		17	0.3					
AL06AHZ		110	241	EP		0605	1.784	-0.11							1.0
AL06AHN		110	241	ES		0606	6.925	-0.86							1.0
IGT	HZ	125	202	EP		0605	6.077	1.67							1.0
IGT	HN	125	202	ES		0606	3.403	1.07							1.0
IGT	HZ	125	202	IAML		0606	8.273		20	0.2					
PHP	HZ	129	343	EP		0605	5.534	0.60							1.0
PHP	HN	129	343	ES		0606	3.219	-0.08							1.0
PHP	HZ	129	343	IAML		0606	6.624		16	0.4					
KEK	HZ	134	224	EP		0605	6.341	0.57							1.0
KEK	HN	134	224	ES		0606	4.765	-0.04							1.0
KEK	HZ	134	224	IAML		0606	7.939		31	0.7					
THL	HZ	148	139	EP		0605	7.993	-0.13							1.0
THL	HN	148	139	ES		0606	7.486	-1.58							1.0

July 17 2023 Hour: 9:43 28.3 Lat: 40.43N Lon: 21.09E D: 14.4 Ag: TIR Local
Magnitudes: 2.2ML TIR 2.7MW TIR Rms: 0.5 secs
23 km S of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	33	311	EP		0943	4.523	-0.25							1.0
KBN	HN	33	311	ES		0943	9.984	0.01							1.0
KBN	HZ	33	311	IAML		0943	2.892		135	0.2					
KZN	HZ	60	103	EP		0943	8.574	-0.53							1.0
KZN	HN	60	103	ES		0943	8.996	1.18							1.0
AL05AHZ		66	298	EP		0943	9.668	-0.50							1.0
AL05AHN		66	298	ES		0943	9.553	-0.19							1.0
BERA	HZ	101	288	EP		0943	5.429	-0.47							1.0
BERA	HN	101	288	ES		0943	9.972	-0.14							1.0
BERA	HZ	101	288	IAML		0944	6.131		37	0.4					
SRN	HZ	111	237	EP		0943	7.974	0.44							1.0
SRN	HN	111	237	ES		0944	3.371	0.30							1.0
SRN	HZ	111	237	IAML	A	0944	8.265		18	0.4					
IGT	HZ	119	213	EP		0943	8.737	-0.11							1.0
IGT	HN	119	213	ES		0944	5.425	-0.02							1.0
IGT	HZ	119	213	IAML		0944	8.965		16	0.5					
AL06AHZ		119	252	EP		0943	8.406	-0.53							1.0
AL06AHN		119	252	ES		0944	5.937	0.33							1.0

THL	HZ	124	140	EP	0943	9.287	-0.53										1.0
THL	HN	124	140	ES	0944	6.447	-0.77										1.0
KEK	HZ	136	235	EP	0943	2.703	1.02										1.0
KEK	HN	136	235	ES	0944	0.625	0.05										1.0
KEK	HZ	136	235	IAML	0944	3.425			18	0.6							
PHP	HZ	150	339	EP	0943	4.606	0.57										1.0
PHP	HN	150	339	ES	0944	5.045	0.20										1.0

July 17 2023 Hour: 22:11 50.6 Lat: 40.42N Lon: 20.96E D: 10.5 Ag: TIR Local
Magnitudes: 2.1ML TIR 2.5MW TIR Rms: 0.5 secs
21 km E of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	27	328	EP		2211	6.407	0.50							1.0
KBN	HE	27	328	ES		2212	0.002	-0.18							1.0
KBN	HZ	27	328	IAML		2212	4.946			92	0.4				
AL05AHZ		58	304	EP		2212	1.280	0.23							1.0
AL05AHE		58	304	ES		2212	9.393	-0.09							1.0
AL07AHZ		59	336	EP		2212	1.257	0.05							1.0
AL07AHE		59	336	ES		2212	9.651	-0.13							1.0
KZN	HZ	70	100	EP		2212	3.267	0.18							1.0
KZN	HN	70	100	ES		2212	3.165	-0.01							1.0
TPE	HZ	81	261	EP		2212	4.322	-0.61							1.0
TPE	HZ	81	261	IAML		2212	4.521			22	0.6				
BERA	HZ	91	291	EP		2212	6.480	-0.11							1.0
BERA	HN	91	291	ES		2212	9.034	-0.49							1.0
BERA	HZ	91	291	IAML		2212	2.402			25	0.2				
SRN	HZ	101	234	EP		2212	8.488	0.28							1.0
SRN	HE	101	234	ES		2212	2.440	-0.02							1.0
SRN	HZ	101	234	IAML		2212	9.274			16	0.4				
AL08AHZ		105	317	EP		2212	8.750	-0.19							1.0
AL08AHE		105	317	ES		2212	3.750	-0.03							1.0
IGT	HZ	112	209	EP		2212	0.555	0.55							1.0
IGT	HN	112	209	ES		2212	5.268	-0.44							1.0
IGT	HZ	112	209	IAML		2212	2.109			18	0.3				
KEK	HZ	126	232	EP		2212	5.172	2.78							0.0
KEK	HE	126	232	ES		2212	9.618	-0.41							1.0
KEK	HZ	126	232	IAML		2212	5.919			21	0.5				
THL	HZ	131	136	EP		2212	3.083	-0.04							1.0
THL	HE	131	136	ES		2212	0.593	-0.76							1.0
PHP	HZ	148	343	EP		2212	5.842	-0.16							1.0
PHP	HN	148	343	ES		2212	6.077	-0.47							1.0
PHP	HZ	148	343	IAML		2212	3.566			17	0.5				
AL03AHZ		154	329	EP		2212	7.674	0.57							1.0
AL03AHN		154	329	ES		2212	8.740	0.18							1.0
LACI	HZ	171	323	EP		2212	1.851	1.98							0.0
LACI	HE	171	323	ES		2212	3.857	0.29							0.9
LACI	HZ	171	323	IAML		2212	0.442			14	0.5				
LKD2	HZ	182	188	EP		2212	2.623	1.25							0.9
LKD2	HN	182	188	ES		2212	6.816	0.53							0.9
KKS	HZ	190	346	EP		2212	3.891	1.57							0.0
PLG	HZ	211	90	EP		2212	4.157	-0.89							0.9
AL01AHZ		245	332	EP		2212	0.101	0.65							0.9
ME01AHZ		285	342	I		2212	9.646								

July 18 2023 Hour: 14: 7 45.3 Lat: 41.17N Lon: 20.04E D: 15.4 Ag: TIR Local
Magnitudes: 2.4ML TIR 2.6MW TIR Rms: 0.3 secs
6 km NW of Elbasan

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL08AHZ		9	145	EP		1407	8.522	0.13							1.0
AL08AHN		9	145	ES		1407	1.370	0.45							1.0
TIR	HZ	25	323	EP		1407	0.322	-0.09							1.0
TIR	HN	25	323	ES		1407	4.400	-0.19							1.0
TIR	HZ	25	323	IAML		1407	5.210			125	0.2				
AL04AHZ		44	246	EP		1407	3.764	0.31							1.0

AL04AHN	44	246	ES	1408	0.526	0.44											1.0
AL03AHZ	48	356	EP	1407	3.937	-0.17											1.0
AL03AHN	48	356	ES	1408	1.278	0.00											1.0
BERA HZ	52	189	EP	1407	3.717	-1.04											1.0
BERA HN	52	189	ES	1408	1.513	-0.94											1.0
BERA HZ	52	189	IAML	1408	2.666				254	0.2							
LACI HZ	59	332	EP	1407	6.056	0.24											1.0
LACI HN	59	332	ES	1408	4.473	0.11											1.0
LACI HZ	59	332	IAML	1408	5.410				126	0.2							
AL05AHZ	59	150	EP	1407	5.752	-0.16											1.0
AL05AHN	59	150	ES	1408	4.821	0.28											1.0
PHP HZ	66	30	EP	1407	6.942	-0.15											1.0
PHP HN	66	30	ES	1408	6.815	0.13											1.0
PHP HZ	66	30	IAML	1408	0.237				57	0.4							
TPE HZ	97	181	EP	1408	1.997	-0.18											1.0
TPE HN	97	181	ES	1408	6.042	0.16											1.0
TPE HZ	97	181	IAML	1408	0.634				92	0.7							
KKS HZ	105	16	EP	1408	3.176	-0.31											1.0
KKS HN	105	16	ES	1408	8.260	0.02											1.0
SDA HZ	108	335	EP	1408	4.224	0.25											1.0
SDA HN	108	335	ES	1408	8.897	-0.24											1.0
SDA HZ	108	335	IAML	1408	4.138				7	0.4							
AL01AHZ	137	343	EP	1408	8.921	-0.00											1.0
SRN HZ	143	181	EP	1408	0.104	0.27											1.0
SRN HN	143	181	ES	1408	9.875	0.14											1.0
SRN HZ	143	181	IAML	1408	2.282				28	0.4							
PDG HZ	154	335	EP	1408	1.687	0.04											1.0
PDG HZ	154	335	IAML	1408	3.389				44	0.6							
IGT HZ	183	172	EP	1408	5.897	0.34											0.9
IGT HN	183	172	ES	1408	0.378	0.28											0.9
IGT HZ	183	172	IAML	1408	7.217				11	0.1							

July 18 2023 Hour: 20:50 13.8 Lat: 41.43N Lon: 19.81E D: 16.6 Ag: TIR Local
Magnitudes: 2.7ML TIR 3.0MW TIR Rms: 0.5 secs

6 km NE of Kamez

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	11	153	EP		2050	7.116	-0.17							1.0
TIR	HN	11	153	ES		2050	0.220	0.13							1.0
TIR	HZ	11	153	IAML		2050	0.787		87001	0.1					
LACI	HZ	24	342	EP		2050	9.347	0.44							1.0
LACI	HN	24	342	ES		2050	3.257	0.23							1.0
LACI	HZ	24	342	IAML		2050	3.816		1298	0.5					
AL03AHZ	25	41	EP			2050	9.167	0.08							1.0
AL03AHN	25	41	ES			2050	3.635	0.29							1.0
AL08AHZ	44	146	EP			2050	1.692	-0.31							1.0
AL08AHN	44	146	ES			2050	8.215	-0.41							1.0
AL04AHZ	52	204	EP			2050	3.996	0.77							1.0
PHP	HZ	60	62	EP		2050	4.291	-0.32							1.0
PHP	HN	60	62	ES		2050	3.436	0.09							1.0
PHP	HZ	60	62	IAML		2050	5.591		124	0.2					
SDA	HZ	73	340	EP		2050	6.862	0.06							1.0
SDA	HN	73	340	ES		2050	7.356	0.05							1.0
BERA	HZ	82	172	EP		2050	7.155	-1.07							1.0
BERA	HN	82	172	ES		2050	8.888	-1.01							1.0
BERA	HZ	82	172	IAML		2050	9.752		140	0.6					
KKS	HZ	87	35	EP		2050	8.315	-0.72							1.0
AL05AHZ	94	149	EP			2050	0.285	-0.05							1.0
AL01AHZ	104	348	EP			2050	1.840	-0.10							1.0
AL01AHN	104	348	ES			2050	6.607	-0.01							1.0
VLO	HZ	110	194	EP		2050	3.412	0.48							1.0
VLO	HZ	110	194	IAML		2050	7.074		123	0.1					
PDG	HZ	120	338	EP		2050	4.791	0.27							1.0
PDG	HN	120	338	ES		2050	0.425	-0.86							1.0
PDG	HZ	120	338	IAML		2050	3.360		57	0.4					

KBN	HZ	122	137	EP	2050	5.603	0.70										1.0
KBN	HN	122	137	ES	2050	2.825	0.84										1.0
KBN	HZ	122	137	IAML	2050	7.277			32	0.6							
TPE	HZ	128	172	EP	2050	6.077	0.26										1.0
TPE	HZ	128	172	IAML	2051	0.181			70	0.7							
PVY	HZ	130	5	EP	2050	6.007	-0.25										1.0
SRN	HZ	173	175	EP	2050	2.880	0.23										0.9
SRN	HZ	173	175	IAML	2051	9.646			30	0.4							
SCTE	HZ	189	217	EP	2050	4.624	-0.04										0.9
ME02AHZ		200	344	EP	2050	6.767	0.53										0.9

July 18 2023 Hour: 22:10 37.8 Lat: 40.98N Lon: 20.74E D: 5.4 Ag: TIR Local
Magnitudes: 2.4ML TIR Rms: 0.4 secs
10 km NE of Pogradec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL07AHZ		10	210	EP		2210	0.152	0.30							1.0
AL07AHE		10	210	ES		2210	1.722	0.20							1.0
KBN	HZ	39	174	EP		2210	5.451	0.56							1.0
KBN	HE	39	174	ES		2210	0.810	0.16							1.0
KBN	HZ	39	174	IAML		2210	2.141			421	0.2				
AL05AHZ		42	224	EP		2210	5.148	-0.19							1.0
AL05AHN		42	224	ES		2210	1.024	-0.42							1.0
AL08AHZ		55	285	EP		2210	8.064	0.35							1.0
AL08AHE		55	285	ES		2210	5.723	-0.03							1.0
NEST	HZ	68	157	EP		2210	0.198	0.28							1.0
NEST	HN	68	157	ES		2210	9.483	-0.26							1.0
NEST	HZ	68	157	IAML		2211	2.081			304	0.2				
BERA	HZ	73	246	EP		2210	9.848	-1.02							1.0
BERA	HZ	73	246	IAML		2211	0.554			80	0.4				
PHP	HZ	83	343	EP		2210	2.485	-0.09							1.0
PHP	HE	83	343	ES		2211	4.241	-0.31							1.0
PHP	HZ	83	343	IAML		2211	1.259			74	0.6				
TIR	HZ	84	300	EP		2210	2.925	0.09							1.0
TIR	HE	84	300	ES		2211	5.371	0.35							1.0
TIR	HZ	84	300	IAML		2211	6.012			27	0.5				
AL03AHZ		93	319	EP		2210	4.619	0.28							1.0
AL03AHN		93	319	ES		2211	7.876	0.13							1.0
TPE	HZ	97	219	EP		2210	3.921	-1.14							1.0
TPE	HN	97	219	ES		2211	9.355	0.30							1.0
TPE	HZ	97	219	IAML		2211	1.938			41	0.7				
BPA2	HZ	98	254	EP		2210	4.727	-0.49							1.0
LACI	HZ	113	311	EP		2210	7.866	0.25							1.0
LACI	HN	113	311	ES		2211	3.770	0.08							1.0
LACI	HZ	113	311	IAML		2211	8.556			26	0.4				
KZN	HZ	115	130	EP		2210	8.154	0.13							1.0
KKS	HZ	125	347	EP		2211	1.390	1.67							0.0
KKS	HN	125	347	ES		2211	7.212	-0.27							1.0
AL06AHZ		129	220	EP		2211	0.713	0.39							1.0
AL06AHN		129	220	ES		2211	8.969	0.40							1.0
SRN	HZ	137	207	EP		2211	1.154	-0.49							1.0
SRN	HE	137	207	ES		2211	1.315	0.34							1.0
SRN	HZ	137	207	IAML		2211	5.725			31	0.7				
SDA	HZ	158	320	EP		2211	5.163	0.01							0.9
SDA	HN	158	320	ES		2211	7.427	0.10							0.9
SDA	HZ	158	320	IAML		2211	1.673			6	0.3				
IGT	HZ	164	192	EP		2211	8.660	2.48							0.0
IGT	HZ	164	192	IAML		2211	3.178			38	0.8				
AL01AHZ		182	327	EP		2211	9.240	0.10							0.9
AL01AHE		182	327	ES		2211	4.228	-0.30							0.9
PEJK	HZ	189	349	EP		2211	0.311	0.26							0.9
PVY	HZ	191	340	EP		2211	1.975	1.60							0.0
THL	HZ	191	145	EP		2211	0.120	-0.04							0.9
GMRK	HZ	191	12	EP		2211	2.195	1.84							0.0
PDG	HZ	203	323	EP		2211	1.652	-0.08							0.9

PDG	HN	203	323	ES		2211	9.479	0.25									0.9
BOSS	SZ	222	40	EP		2211	4.214	-0.01									0.9
BARS	BZ	223	23	EP		2211	4.566	0.20									0.9
BARS	BZ	223	23	IAML		2211	3.327			6	0.6						
PLG	HZ	238	105	EP		2211	5.980	-0.37									0.9
NKME	HZ	248	324	EP		2211	7.615	0.02									0.9
ME02AHZ		277	332	EP		2211	3.945	2.58									0.0

July 19 2023 Hour: 3:46 1.3 Lat: 38.80N Lon: 21.23E D: 27.5 Ag: TIR Local
Magnitudes: 2.0ML TIR Rms: 0.3 secs
131 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	49	269	EP		0346	0.649	-0.34							1.0
LKD2	HN	49	269	ES		0346	8.585	-0.21							1.0
VLS	HZ	88	219	EP		0346	6.805	-0.14							1.0
VLS	HN	88	219	ES		0346	9.904	0.32							1.0
THL	HZ	109	38	EP		0346	0.081	-0.08							1.0
IGT	HZ	112	317	EP		0346	1.434	0.73							1.0
IGT	HE	112	317	ES		0346	6.396	0.01							1.0
IGT	HZ	112	317	IAML		0346	0.237			8	0.3				
KEK	HZ	160	310	EP		0346	7.097	-0.30							0.9
KEK	HZ	160	310	IAML		0346	6.096			15	0.6				

July 19 2023 Hour: 5:7 13.0 Lat: 39.53N Lon: 20.48E D: 9.5 Ag: TIR Local
Magnitudes: 2.3ML TIR Rms: 0.4 secs
29 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	12	273	EP		0507	5.772	-0.07							1.0
IGT	HE	12	273	ES		0507	8.114	-0.01							1.0
IGT	HZ	12	273	IAML		0507	8.871			636	0.1				
SRN	HZ	57	314	EP		0507	2.708	-0.56							1.0
SRN	HN	57	314	ES		0507	1.614	0.06							1.0
SRN	HZ	57	314	IAML		0507	4.409			46	0.4				
KEK	HZ	62	290	EP		0507	4.143	0.00							1.0
KEK	HE	62	290	ES		0507	3.996	0.85							1.0
KEK	HZ	62	290	IAML		0507	1.460			103	0.6				
LKD2	HZ	83	169	EP		0507	7.669	-0.09							1.0
AL06AHZ		88	316	EP		0507	8.958	0.51							1.0
AL06AHE		88	316	ES		0507	0.057	-0.88							1.0
AL05AHZ		131	357	EP		0507	5.808	0.11							1.0
THL	HZ	132	88	EP		0507	6.265	0.39							1.0
THL	HE	132	88	ES		0507	4.355	-0.03							1.0
BERA	HZ	138	341	EP		0507	6.765	-0.08							1.0
BERA	HZ	138	341	IAML		0508	0.056			13	0.3				
VLS	HZ	150	176	EP		0507	9.023	0.14							1.0
VLS	HE	150	176	ES		0507	9.483	-0.34							1.0

July 19 2023 Hour: 6:26 12.3 Lat: 39.41N Lon: 20.66E D: 9.3 Ag: TIR Local
Magnitudes: 2.1ML TIR Rms: 0.2 secs
49 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	32	296	EP		0626	8.172	-0.03							1.0
IGT	HN	32	296	ES		0626	2.865	-0.11							1.0
IGT	HZ	32	296	IAML		0626	4.719			94	0.2				
LKD2	HZ	69	180	EP		0626	4.854	0.25							1.0
LKD2	HE	69	180	ES		0626	3.937	-0.63							1.0
SRN	HZ	77	313	EP		0626	5.942	-0.06							1.0
SRN	HN	77	313	ES		0626	7.211	0.12							1.0
KEK	HZ	82	295	EP		0626	6.889	0.16							1.0
KEK	HE	82	295	ES		0626	8.263	-0.16							1.0
KEK	HZ	82	295	IAML		0626	7.397			43	0.4				
AL06AHZ		108	315	EP		0626	1.120	-0.05							1.0
TPE	HZ	113	331	EP		0626	2.191	0.24							1.0
THL	HZ	118	81	EP		0626	2.586	-0.13							1.0

VLS	HZ	137	183	EP	0626	6.292	0.36												1.0
VLS	HN	137	183	ES	0626	5.356	0.28												1.0
AL05AHZ		146	351	EP	0626	7.248	-0.21												1.0

July 19 2023 Hour: 11:44 43.4 Lat: 40.98N Lon: 20.71E D: 4.6 Ag: TIR Local
Magnitudes: 2.3ML TIR 3.0MW TIR Rms: 0.6 secs
9 km NE of Pogradec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL07AHZ		9	197	EP		1144	5.308	0.02							1.0
AL07AHN		9	197	ES		1144	6.891	0.09							1.0
KBN HZ		40	171	EP		1144	0.749	0.16							1.0
KBN HE		40	171	ES		1144	6.442	0.05							1.0
KBN HZ		40	171	IAML		1144	7.369			316	0.3				
AL05AHZ		40	222	EP		1144	0.301	-0.40							1.0
AL05AHN		40	222	ES		1144	6.202	-0.39							1.0
AL08AHZ		53	286	EP		1144	3.566	0.62							1.0
AL08AHE		53	286	ES		1145	0.888	0.24							1.0
BERA HZ		71	245	EP		1144	4.876	-1.27							1.0
BERA HZ		71	245	IAML		1145	9.484			61	0.3				
PHP HZ		82	344	EP		1144	7.908	-0.15							1.0
PHP HN		82	344	ES		1145	9.436	-0.47							1.0
PHP HZ		82	344	IAML		1145	6.410			53	0.5				
AL03AHZ		91	320	EP		1145	0.162	0.43							1.0
AL03AHN		91	320	ES		1145	3.184	0.24							1.0
TPE HZ		96	218	EP		1144	9.117	-1.43							0.5
TPE HZ		96	218	IAML		1145	7.114			30	0.6				
AL04AHZ		97	272	EP		1145	2.956	2.28							0.0
LACI HZ		111	312	EP		1145	3.264	0.25							1.0
LACI HN		111	312	ES		1145	8.345	-0.54							1.0
LACI HZ		111	312	IAML		1145	5.870			18	0.7				
KZN HZ		117	129	EP		1145	3.635	-0.39							1.0
KKS HZ		124	348	EP		1145	5.725	0.42							1.0
AL06AHZ		127	220	EP		1145	6.255	0.46							1.0
SRN HZ		136	207	EP		1145	9.602	2.41							0.0
KEK HZ		160	209	EP		1145	2.020	0.74							0.9
KEK HZ		160	209	IAML		1145	7.042			26	0.5				
IGT HZ		164	191	EP		1145	2.811	0.98							0.9
IGT HZ		164	191	IAML		1145	8.333			30	0.9				
THL HZ		192	144	EP		1145	5.480	-0.61							0.9

July 19 2023 Hour: 11:50 27.7 Lat: 40.94N Lon: 20.65E D: 9.7 Ag: TIR Local
Magnitudes: 2.1ML TIR 2.8MW TIR Rms: 0.4 secs
4 km N of Pogradec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL07AHZ		5	156	EP		1150	9.615	-0.20							1.0
AL07AHE		5	156	ES		1150	1.167	-0.35							1.0
AL05AHZ		35	220	EP		1150	4.578	0.44							1.0
AL05AHE		35	220	ES		1150	9.234	-0.11							1.0
AL05AHZ		35	220	IAML		1150	3.781			0.10	0.1				
KBN HZ		37	162	EP		1150	4.995	0.35							1.0
KBN HN		37	162	ES		1150	0.583	0.31							1.0
KBN HZ		37	162	IAML		1150	1.930			184	0.4				
AL08AHZ		50	291	EP		1150	7.805	1.07							1.0
AL08AHE		50	291	ES		1150	3.305	-0.74							1.0
BERA HZ		65	246	EP		1150	9.200	-0.15							1.0
BERA HN		65	246	ES		1150	8.647	-0.14							1.0
BERA HZ		65	246	IAML		1150	9.561			39	0.2				
PHP HZ		84	348	EP		1150	2.904	0.36							1.0
PHP HE		84	348	ES		1150	4.186	-0.38							1.0
PHP HZ		84	348	IAML		1150	8.905			26	0.3				
TPE HZ		90	217	EP		1150	3.368	-0.16							1.0
TPE HZ		90	217	IAML		1151	7.979			24	0.3				
AL03AHZ		91	324	EP		1150	4.132	0.46							1.0
KZN HZ		118	126	EP		1150	7.684	-0.57							1.0

SRN	HZ	131	205	EP		1150	3.896	3.65										0.0
SRN	HZ	131	205	IAML		1151	5.079			15	0.4							
KEK	HZ	155	208	EP		1150	4.227	-0.09										1.0
KEK	HZ	155	208	IAML		1151	3.826			18	0.7							
THL	HZ	192	142	EP		1150	9.579	-0.16										0.9

July 22 2023 Hour: 3:34 30.7 Lat: 39.39N Lon: 20.68E D: 1.5 Ag: TIR Local
Magnitudes: 2.3ML TIR 3.1MW TIR Rms: 0.6 secs
52 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	34	298	EP		0334	6.231	-0.60							1.0
IGT	HN	34	298	ES		0334	1.748	-0.01							1.0
IGT	HZ	34	298	IAML		0334	4.920			143	0.4				
LKD2	HZ	67	182	EP		0334	2.517	-0.14							1.0
LKD2	HN	67	182	ES		0334	2.778	0.47							1.0
SRN	HZ	80	313	EP		0334	4.625	-0.39							1.0
SRN	HN	80	313	ES		0334	6.877	0.29							1.0
SRN	HZ	80	313	IAML		0335	0.237			48	1.1				
KEK	HZ	84	296	EP		0334	5.887	0.14							1.0
KEK	HN	84	296	ES		0334	8.003	0.10							1.0
KEK	HZ	84	296	IAML		0335	5.365			77	0.6				
AL06AHZ		111	315	EP		0334	0.601	0.05							1.0
AL06AHN		111	315	ES		0335	7.028	0.43							1.0
TPE	HZ	116	331	EP		0334	0.552	-0.78							1.0
TPE	HN	116	331	ES		0335	8.366	0.35							1.0
TPE	HZ	116	331	IAML		0335	7.039			43	0.6				
THL	HZ	116	80	EP		0334	0.814	-0.62							1.0
NEST	HZ	118	15	EP		0334	1.692	-0.11							1.0
NEST	HZ	118	15	IAML		0335	6.112			29	0.4				
VLS	HZ	135	183	EP		0334	4.869	0.33							1.0
VLS	HE	135	183	ES		0335	4.480	0.66							1.0
KBN	HZ	137	4	EP		0334	4.400	-0.59							1.0
KBN	HN	137	4	ES		0335	4.759	0.12							1.0
KBN	HZ	137	4	IAML		0335	0.502			17	0.5				
KZN	HZ	138	42	EP		0334	5.186	0.07							1.0
KZN	HN	138	42	ES		0335	5.248	0.39							1.0
AL05AHZ		148	350	EP		0334	7.229	0.44							1.0
AL05AHN		148	350	ES		0335	8.337	0.45							1.0
BERA	HZ	159	337	EP		0334	9.118	0.61							0.9
BERA	HN	159	337	ES		0335	1.467	0.48							0.9
BERA	HZ	159	337	IAML		0335	6.966			30	0.5				
SCTE	HZ	204	292	EP		0335	3.046	-2.33							0.9

July 22 2023 Hour: 21:25 10.8 Lat: 38.72N Lon: 21.22E D: 10.0F Ag: TIR Local
Magnitudes: 2.2ML TIR Rms: 0.7 secs
137 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	50	279	EP		2125	9.326	-0.37							1.0
LKD2	HN	50	279	ES		2125	7.522	0.63							1.0
VLS	HZ	82	223	EP		2125	3.742	-1.73							1.0
VLS	HN	82	223	ES		2125	7.091	-0.26							1.0
THL	HZ	116	36	EP		2125	0.545	-0.93							1.0
THL	HN	116	36	ES		2125	8.210	0.00							1.0
IGT	HZ	118	320	EP		2125	1.891	-0.05							1.0
IGT	HN	118	320	ES		2125	9.400	0.34							1.0
IGT	HZ	118	320	IAML		2125	9.190			18	0.6				
KEK	HZ	165	312	EP		2125	9.031	-0.70							0.9
KEK	HN	165	312	ES		2126	3.683	0.53							0.9
KEK	HZ	165	312	IAML		2126	8.846			18	0.9				
SRN	HZ	166	321	EP		2125	0.116	0.20							0.9
SRN	HN	166	321	ES		2126	3.839	0.34							0.9
SRN	HZ	166	321	IAML		2126	1.076			8	0.4				
ITM	HZ	182	160	EP		2125	3.394	0.78							0.9
ITM	HN	182	160	ES		2126	9.582	1.21							0.9

NEST HZ	188	355	EP	2125	3.842	0.16									0.9
NEST HN	188	355	ES	2126	0.231	-0.07									0.9
NEST HZ	188	355	IAML	2126	4.516				11	0.5					
TPE HZ	203	330	EP	2125	5.713	0.25									0.9
TPE HZ	203	330	IAML	2126	0.096				15	1.2					

July 23 2023 Hour: 14:34 19.5 Lat: 41.44N Lon: 19.83E D: 14.8 Ag: TIR Local
Magnitudes: 2.6ML TIR 2.9MW TIR Rms: 0.6 secs
7 km S of Kruje

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	11	165	EP		1434	1.957	-0.78							1.0
TIR	HN	11	165	ES		1434	4.947	-0.44							1.0
TIR	HZ	11	165	IAML		1434	5.609			1720	0.2				
AL03AHZ		23	39	EP		1434	4.007	-0.26							1.0
LACI	HZ	23	336	EP		1434	4.404	0.07							1.0
LACI	HN	23	336	ES		1434	8.371	0.10							1.0
LACI	HZ	23	336	IAML		1434	8.812			819	0.4				
AL02AHZ		37	264	EP		1434	5.723	-0.64							1.0
AL02AHE		37	264	ES		1434	2.965	1.01							1.0
PHP	HZ	58	62	EP		1434	8.918	-0.92							1.0
PHP	HE	58	62	ES		1434	8.862	0.62							1.0
PHP	HZ	58	62	IAML		1434	0.074			95	0.2				
SDA	HZ	73	338	EP		1434	1.938	-0.39							1.0
SDA	HE	73	338	ES		1434	3.345	0.60							1.0
BERA	HZ	83	173	EP		1434	3.562	-0.46							1.0
BERA	HE	83	173	ES		1434	5.648	-0.16							1.0
BERA	HZ	83	173	IAML		1434	9.308			60	0.2				
KKS	HZ	85	34	EP		1434	3.371	-0.93							1.0
KKS	HN	85	34	ES		1434	6.485	0.17							1.0
AL05AHZ		95	150	EP		1434	5.694	-0.29							1.0
AL05AHN		95	150	ES		1434	0.034	0.66							1.0
VLO	HZ	112	195	EP		1434	9.004	0.16							1.0
VLO	HZ	112	195	IAML		1434	8.276			123	0.5				
PDG	HZ	119	337	EP		1434	0.032	-0.04							1.0
PDG	HN	119	337	ES		1434	7.246	0.49							1.0
PDG	HZ	119	337	IAML		1434	9.185			24	0.2				
KBN	HZ	121	138	EP		1434	1.483	0.99							1.0
KBN	HN	121	138	ES		1434	8.090	0.57							1.0
KBN	HZ	121	138	IAML		1435	3.625			32	0.6				
TPE	HZ	129	173	EP		1434	1.295	-0.33							1.0
TPE	HN	129	173	ES		1435	0.134	0.56							1.0
TPE	HZ	129	173	IAML		1435	6.805			47	0.6				
NEST	HZ	154	138	EP		1434	6.495	0.67							1.0
NEST	HE	154	138	ES		1435	7.527	0.36							1.0
NEST	HZ	154	138	IAML		1435	9.464			54	0.2				
SRN	HZ	174	175	EP		1434	8.118	-0.51							0.9
SRN	HN	174	175	ES		1435	1.541	-0.71							0.9
SRN	HZ	174	175	IAML		1435	2.722			18	0.4				
KEK	HZ	192	181	EP		1434	0.784	-0.18							0.9
KEK	HZ	192	181	IAML		1435	9.218			24	0.5				

July 23 2023 Hour: 18: 4 18.4 Lat: 40.43N Lon: 21.01E D: 7.9 Ag: TIR Local
Magnitudes: 2.1ML TIR 2.7MW TIR Rms: 0.7 secs
21 km S of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	29	318	EP		1804	3.524	-0.21							1.0
KBN	HN	29	318	ES		1804	8.209	0.14							1.0
KBN	HZ	29	318	IAML		1804	9.941			129	0.3				
AL07AHZ		59	332	EP		1804	9.278	0.22							1.0
AL05AHZ		61	300	EP		1804	8.598	-0.74							1.0
AL05AHN		61	300	ES		1804	8.191	-0.02							1.0
KZN	HZ	66	102	EP		1804	0.428	0.19							1.0
KZN	HN	66	102	ES		1804	0.095	0.25							1.0
TPE	HZ	86	260	EP		1804	3.170	-0.48							1.0

TPE	HN	86	260	ES	1804	5.878	-0.14										1.0
TPE	HZ	86	260	IAML	1804	9.288			33	0.6							
BERA	HZ	95	289	EP	1804	4.234	-0.89										1.0
BERA	HN	95	289	ES	1804	7.934	-0.75										1.0
BERA	HZ	95	289	IAML	1804	1.639			25	0.6							
SRN	HZ	106	235	EP	1804	6.965	0.05										1.0
SRN	HE	106	235	ES	1804	1.929	-0.00										1.0
SRN	HZ	106	235	IAML	1804	5.351			14	0.5							
AL06AHZ		113	251	EP	1804	8.092	-0.09										1.0
THL	HZ	129	138	EP	1804	9.695	-1.05										1.0
THL	HN	129	138	ES	1804	8.648	-0.21										1.0
KEK	HZ	131	233	EP	1804	2.015	0.92										1.0
KEK	HN	131	233	ES	1804	9.913	0.43										1.0
KEK	HZ	131	233	IAML	1805	4.473			17	0.3							
PHP	HZ	147	341	EP	1804	3.201	-0.67										1.0
PHP	HN	147	341	ES	1805	3.493	-1.02										1.0
PHP	HZ	147	341	IAML	1805	0.555			11	0.2							
AL03AHZ		155	327	EP	1804	6.027	0.85										1.0
LACI	HZ	173	321	EP	1804	0.041	1.99										0.9
LACI	HN	173	321	ES	1805	3.199	1.12										0.9
LACI	HZ	173	321	IAML	1805	7.831			12	0.8							
LKD2	HZ	185	190	EP	1804	0.263	0.50										0.9

July 23 2023 Hour: 19:46 5.8 Lat: 40.42N Lon: 21.00E D: 12.1 Ag: TIR Local
Magnitudes: 3.0ML TIR 3.4MW TIR Rms: 0.7 secs
22 km S of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	5	102	EP		1946	8.694	0.38							1.0
NEST	HN	5	102	ES		1946	0.688	0.36							1.0
NEST	HZ	5	102	IAML		1946	4.800			5607	0.1				
KBN	HZ	29	322	EP		1946	1.292	-0.10							1.0
KBN	HN	29	322	ES		1946	5.561	-0.32							1.0
KBN	HZ	29	322	IAML		1946	9.793			1010	0.4				
AL07AHZ		59	333	EP		1946	6.734	0.24							1.0
AL05AHZ		60	302	EP		1946	5.984	-0.61							1.0
AL05AHN		60	302	ES		1946	5.630	0.32							1.0
KZN	HZ	67	101	EP		1946	7.485	-0.29							1.0
KZN	HN	67	101	ES		1946	7.654	0.21							1.0
TPE	HZ	85	261	EP		1946	9.665	-0.99							1.0
TPE	HN	85	261	ES		1946	2.677	0.02							1.0
TPE	HZ	85	261	IAML		1946	7.008			347	0.7				
BERA	HZ	94	290	EP		1946	0.842	-1.38							1.0
BERA	HN	94	290	ES		1946	5.609	0.12							1.0
BERA	HZ	94	290	IAML		1946	0.288			234	0.3				
SRN	HZ	104	235	EP		1946	2.884	-1.02							1.0
SRN	HN	104	235	ES		1946	8.848	0.32							1.0
SRN	HZ	104	235	IAML		1946	2.790			132	0.3				
AL08AHZ		107	315	EP		1946	4.211	-0.18							1.0
AL06AHZ		112	251	EP		1946	4.571	-0.61							1.0
IGT	HZ	114	210	EP		1946	5.663	0.10							1.0
IGT	HN	114	210	ES		1946	2.043	0.50							1.0
IGT	HZ	114	210	IAML		1946	8.579			101	0.8				
VLO	HZ	127	273	EP		1946	8.785	0.99							1.0
VLO	HZ	127	273	IAML		1946	9.079			297	0.4				
THL	HZ	129	137	EP		1946	7.474	-0.57							1.0
KEK	HZ	129	233	EP		1946	8.693	0.62							1.0
THL	HN	129	137	ES		1946	5.626	-0.41							1.0
TIR	HZ	140	317	EP		1946	0.291	0.37							1.0
TIR	HN	140	317	ES		1946	0.246	0.82							1.0
TIR	HZ	140	317	IAML		1946	6.072			59	0.5				
PHP	HZ	148	342	EP		1946	0.885	-0.32							1.0
PHP	HN	148	342	ES		1946	1.284	-0.47							1.0
PHP	HZ	148	342	IAML		1946	3.142			88	0.3				
LACI	HZ	172	322	EP		1946	6.501	1.44							0.9

LACI	HN	172	322	ES		1946	8.936	0.20									0.9
LACI	HZ	172	322	IAML		1947	5.226			100	1.2						
LKD2	HZ	184	189	EP		1946	6.969	0.40									0.9
KKS	HZ	190	345	EP		1946	8.584	1.24									0.9
PDG	HZ	266	328	EP		1946	7.375	0.33									0.9
PDG	HN	266	328	ES		1947	8.895	-1.53									0.9
PDG	HZ	266	328	IAML		1947	2.089			25	1.2						

July 23 2023 Hour: 22:26 7.3 Lat: 38.92N Lon: 21.27E D: 0.9 Ag: TIR Local
Magnitudes: 2.3ML TIR 3.4MW TIR Rms: 0.8 secs
124 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	56	254	EP		2226	7.939	0.72							1.0
LKD2	HN	56	254	ES		2226	6.201	0.94							1.0
THL	HZ	96	42	EP		2226	5.149	0.79							1.0
THL	HN	96	42	ES		2226	7.756	-0.42							1.0
VLS	HZ	102	216	EP		2226	4.759	-0.77							1.0
VLS	HN	102	216	ES		2226	8.870	-1.44							1.0
IGT	HZ	106	310	EP		2226	6.220	0.06							1.0
IGT	HN	106	310	ES		2226	1.415	-0.03							1.0
IGT	HZ	106	310	IAML		2226	6.466			27	0.2				
SRN	HZ	153	314	EP		2226	4.771	0.70							1.0
SRN	HN	153	314	ES		2226	5.612	-0.16							1.0
SRN	HZ	153	314	IAML		2227	3.392			12	0.4				
KEK	HZ	154	305	EP		2226	5.037	0.64							1.0
KEK	HN	154	305	ES		2226	5.496	-0.86							1.0
KEK	HZ	154	305	IAML		2227	1.019			29	0.4				
AL06AHZ	184	315	EP		2226	8.462	-0.79								0.9
TPE	HZ	187	325	EP		2226	0.011	0.28							0.9
TPE	HN	187	325	ES		2227	5.999	-0.01							0.9
TPE	HZ	187	325	IAML		2227	3.517			26	0.7				
ITM	HZ	202	163	EP		2226	3.329	1.60							0.9
ITM	HN	202	163	ES		2227	9.765	0.14							0.9
BERA	HZ	228	331	EP		2226	5.084	0.11							0.9
BERA	HZ	228	331	IAML		2227	2.112			8	0.2				
PLG	HZ	246	49	EP		2226	5.756	-1.64							0.9

July 24 2023 Hour: 0:15 43.3 Lat: 39.42N Lon: 19.90E D: 5.2 Ag: TIR Local
Magnitudes: 3.0ML TIR Rms: 0.7 secs
35 km SW of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KEK	HZ	34	345	EP		0015	9.365	-0.02							1.0
KEK	HN	34	345	ES		0015	5.331	0.98							1.0
KEK	HZ	34	345	IAML		0015	7.444			937	0.6				
IGT	HZ	39	71	EP		0015	8.924	-1.37							1.0
IGT	HN	39	71	ES		0015	5.226	-0.77							1.0
IGT	HZ	39	71	IAML		0015	7.684			1260	0.8				
SRN	HZ	52	9	EP		0015	2.117	-0.45							1.0
SRN	HN	52	9	ES		0016	0.096	-0.02							1.0
SRN	HZ	52	9	IAML		0016	3.642			739	0.3				
AL06AHZ	75	351	EP		0015	6.039	-0.72								1.0
AL06AHN	75	351	ES		0016	8.560	0.86								1.0
LKD2	HZ	96	137	EP		0016	0.970	0.67							1.0
LKD2	HN	96	137	ES		0016	4.969	0.86							1.0
TPE	HZ	98	6	EP		0016	0.037	-0.60							1.0
TPE	HN	98	6	ES		0016	5.131	0.41							1.0
TPE	HZ	98	6	IAML		0016	3.932			138	0.8				
BERA	HZ	143	2	EP		0016	8.680	0.57							1.0
BERA	HN	143	2	ES		0016	8.663	0.42							1.0
BERA	HZ	143	2	IAML		0016	4.399			105	0.4				
SCTE	HZ	143	301	EP		0016	8.203	0.05							1.0
SCTE	HN	143	301	ES		0016	6.519	-1.81							1.0
AL05AHZ	149	16	EP		0016	9.791	0.62								1.0
AL05AHN	149	16	ES		0016	9.898	-0.26								1.0

VLS	HZ	150	156	EP		0016	9.976	0.60										1.0
KBN	HZ	154	29	EP		0016	0.237	0.25										1.0
KBN	HN	154	29	ES		0016	1.438	-0.20										1.0
KBN	HZ	154	29	IAML		0016	8.106			69	0.1							
AL07AHZ		177	22	EP		0016	5.134	1.22										0.9
THL	HZ	182	84	EP		0016	4.776	0.19										0.9
THL	HN	182	84	ES		0016	9.232	-0.74										0.9
KZN	HZ	188	58	EP		0016	5.408	0.02										0.9
KZN	HN	188	58	ES		0016	1.294	-0.13										0.9
LACI	HZ	247	356	EP		0016	2.909	0.05										0.9
LACI	HZ	247	356	IAML		0017	3.813			21	0.7							
PHP	HZ	256	10	EP		0016	3.396	-0.68										0.9
PHP	HN	256	10	ES		0016	7.848	0.71										0.9
PHP	HZ	256	10	IAML		0017	2.521			35	1.8							
PLG	HZ	321	70	EP		0016	1.505	-0.90										0.8

July 24 2023 Hour: 7:47 4.0 Lat: 38.90N Lon: 20.22E D: 17.2 Ag: TIR Local
Magnitudes: 2.3ML TIR 2.7MW TIR Rms: 0.3 secs
84 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	40	107	EP		0747	1.802	0.27							1.0
LKD2	HN	40	107	ES		0747	7.744	0.11							1.0
IGT	HZ	71	8	EP		0747	6.779	0.08							1.0
IGT	HN	71	8	ES		0747	6.774	-0.21							1.0
IGT	HZ	71	8	IAML		0747	9.782			75					
VLS	HZ	86	158	EP		0747	8.657	-0.43							1.0
VLS	HN	86	158	ES		0747	1.139	-0.18							1.0
KEK	HZ	98	338	EP		0747	1.585	0.51							1.0
KEK	HN	98	338	ES		0747	4.950	0.03							1.0
KEK	HZ	98	338	IAML		0747	7.647			41	0.4				
SRN	HZ	111	350	EP		0747	3.305	0.06							1.0
SRN	HN	111	350	ES		0747	8.437	-0.40							1.0
SRN	HZ	111	350	IAML		0747	3.396			17	0.3				
AL06AHZ		138	343	EP		0747	7.925	0.16							1.0
AL06AHN		138	343	ES		0747	6.953	-0.07							1.0
TPE	HZ	156	354	EP		0747	0.854	0.25							1.0
TPE	HN	156	354	ES		0747	1.750	-0.40							1.0
TPE	HZ	156	354	IAML		0747	2.904			14	0.1				
NEST	HZ	183	23	EP		0747	4.189	0.02							0.9
NEST	HN	183	23	ES		0747	8.467	-0.14							0.9
NEST	HZ	183	23	IAML	A	0748	3.686			15	0.4				
AL05AHZ		202	4	EP		0747	6.591	0.12							0.9
AL05AHN		202	4	ES		0748	3.009	0.23							0.9

July 24 2023 Hour: 17:43 17.1 Lat: 42.70N Lon: 18.67E D: 13.7 Ag: TIR Local
Magnitudes: 2.0ML TIR Rms: 0.7 secs
83 km NW of Kopluk

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NKME	HZ	24	73	EP		1743	2.466	0.33							1.0
NKME	HN	24	73	ES		1743	6.649	0.47							1.0
ME05AHZ		30	206	EP		1743	2.420	-0.55							1.0
ME05AHE		30	206	ES		1743	7.441	-0.24							1.0
PDG	HZ	57	122	EP		1743	6.484	-0.96							1.0
PDG	HE	57	122	ES		1743	5.516	-0.28							1.0
PDG	HZ	57	122	IAML		1743	7.195			31	0.4				
ME02AHZ		62	36	EP		1743	8.204	-0.17							1.0
ME02AHE		62	36	ES		1743	7.644	0.18							1.0
SDA	HZ	100	136	EP		1743	4.893	0.39							1.0
SDA	HN	100	136	ES		1743	8.437	-0.13							1.0
SDA	HZ	100	136	IAML		1743	1.653			4	0.4				
PVY	HZ	107	96	EP		1743	6.003	0.30							1.0
PVY	HN	107	96	ES		1743	1.455	0.72							1.0
SJES	BZ	123	59	EP		1743	8.886	0.42							1.0
SJES	BE	123	59	ES		1743	5.050	-0.69							1.0

SJES	BZ	123	59	IAML	1743	8.549			114	0.6				
PEJK	HZ	132	92	EP	1743	0.209	0.26							1.0
PEJK	HN	132	92	ES	1743	7.854	-0.56							1.0
LACI	HZ	147	143	EP	1743	2.305	-0.04							1.0
LACI	HE	147	143	ES	1744	1.393	-1.36							1.0
LACI	HZ	147	143	IAML	1744	1.082			11	0.9				
AL02AHZ		156	157	EP	1743	5.280	1.42							1.0
AL02AHE		156	157	ES	1744	7.238	1.75							1.0
KKS	HZ	159	116	EP	1743	3.011	-1.36							0.9
KKS	HN	159	116	ES	1744	7.313	0.89							0.9
AL03AHZ		165	137	EP	1743	5.602	0.32							0.9
AL03AHN		165	137	ES	1744	7.652	-0.41							0.9
PHP	HZ	185	127	EP	1743	8.493	0.59							0.9
PHP	HN	185	127	ES	1744	1.988	-0.83							0.9
PHP	HZ	185	127	IAML	1744	6.335			8	1.2				
BARS	BZ	258	86	EP	1743	6.687	-0.52							0.9

July 25 2023 Hour: 3:39 22.2 Lat: 40.78N Lon: 19.84E D: 20.2 Ag: TIR Local
Magnitudes: 2.0ML TIR 2.4MW TIR Rms: 0.7 secs
3 km W of Ura-Vajgurore

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA	HZ	12	133	EP		0339	4.978	-1.34							1.0
BERA	HN	12	133	ES		0339	7.463	-2.19							1.0
BERA	HZ	12	133	IAML		0339	9.697			336	0.4				
AL04AHZ		35	317	EP		0339	9.351	0.22							1.0
AL04AHN		35	317	ES		0339	5.803	1.05							1.0
AL08AHZ		42	31	EP		0339	0.543	0.22							1.0
AL08AHN		42	31	ES		0339	7.425	0.52							1.0
VLO	HZ	45	220	EP		0339	9.537	-1.21							1.0
VLO	HN	45	220	ES		0339	8.178	0.51							1.0
VLO	HZ	45	220	IAML		0339	9.672			214	0.4				
AL05AHZ		47	100	EP		0339	1.294	0.19							1.0
AL05AHN		47	100	ES		0339	8.764	0.45							1.0
TPE	HZ	56	165	EP		0339	2.060	-0.37							1.0
TPE	HN	56	165	ES		0339	1.075	0.35							1.0
TPE	HZ	56	165	IAML		0339	7.892			57	0.5				
TIR	HZ	63	2	EP		0339	3.714	0.08							1.0
TIR	HN	63	2	ES		0339	4.069	1.17							1.0
TIR	HZ	63	2	IAML		0339	6.174			19	0.2				
AL06AHZ		77	185	EP		0339	6.248	0.38							1.0
AL06AHN		77	185	ES		0339	7.739	0.79							1.0
KBN	HZ	82	102	EP		0339	7.098	0.38							1.0
KBN	HN	82	102	ES		0339	9.038	0.56							1.0
KBN	HZ	82	102	IAML		0339	1.573			11	0.5				
AL03AHZ		92	8	EP		0339	7.599	-0.83							1.0
AL03AHN		92	8	ES		0339	1.647	0.06							1.0
LACI	HZ	96	354	EP		0339	9.478	0.50							1.0
LACI	HN	96	354	ES		0339	2.896	0.32							1.0
LACI	HZ	96	354	IAML		0339	7.780			15	0.1				
SRN	HZ	101	172	EP		0339	0.201	0.42							1.0
SRN	HN	101	172	ES		0339	4.487	0.46							1.0
SRN	HZ	101	172	IAML		0339	7.630			20	0.3				
PHP	HZ	112	26	EP		0339	0.198	-1.55							1.0
PHP	HN	112	26	ES		0339	7.696	0.11							1.0
PHP	HZ	112	26	IAML		0340	4.765			14	0.7				
KEK	HZ	118	182	EP		0339	2.962	0.31							1.0
KEK	HN	118	182	ES		0339	9.597	0.38							1.0
KEK	HZ	118	182	IAML		0340	3.199			28	0.6				
SCTE	HZ	141	237	EP		0339	4.939	-1.18							1.0
IGT	HZ	145	163	EP		0339	7.204	0.43							1.0
IGT	HZ	145	163	IAML		0340	2.704			11	0.4				
KKS	HZ	151	18	EP		0339	7.722	-0.10							1.0
KKS	HN	151	18	ES		0340	8.417	-0.17							1.0
AL01AHZ		176	352	EP		0339	0.362	-0.76							0.9

AL01AHN 176 352 ES 0340 3.988-0.58 0.9
 PVY HZ 202 3 EP 0339 4.686 0.20 0.9

July 25 2023 Hour: 15:16 34.7 Lat: 40.13N Lon: 20.00E D: 15.8 Ag: TIR Local
Magnitudes: 2.2ML TIR Rms: 0.1 secs

13 km NW of Gjirokaster

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TPE	HZ	18	3	EP		1516	9.133	0.20							1.0
TPE	HN	18	3	ES		1516	2.196	-0.13							1.0
TPE	HZ	18	3	IAML		1516	3.416			450	0.1				
AL06AHZ		22	256	EP		1516	9.237	-0.21							1.0
AL06AHE		22	256	ES		1516	3.204	-0.05							1.0
SRN	HZ	28	181	EP		1516	0.574	0.17							1.0
SRN	HE	28	181	ES		1516	5.215	0.22							1.0
SRN	HZ	28	181	IAML		1516	6.300			89	0.1				
KEK	HZ	50	201	EP		1516	3.839	-0.05							1.0
BERA	HZ	63	356	EP		1516	6.160	0.12							1.0
BERA	HN	63	356	ES		1516	5.232	0.03							1.0
BERA	HZ	63	356	IAML		1516	7.259			60	0.4				
AL05AHZ		71	27	EP		1516	7.409	-0.01							1.0
AL05AHE		71	27	ES		1516	7.622	-0.07							1.0
IGT	HZ	73	157	EP		1516	7.652	0.05							1.0
IGT	HE	73	157	ES		1516	7.740	-0.27							1.0

July 26 2023 Hour: 6:14 13.3 Lat: 40.09N Lon: 19.98E D: 8.1 Ag: TIR Local
Magnitudes: 2.1ML TIR Rms: 0.5 secs

13 km W of Gjirokaster

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL06AHZ		19	270	EP		0614	6.478	-0.48							1.0
AL06AHE		19	270	ES		0614	0.205	0.29							1.0
TPE	HZ	23	8	EP		0614	7.315	-0.39							1.0
TPE	HN	23	8	ES		0614	1.124	-0.13							1.0
TPE	HZ	23	8	IAML		0614	1.316			207	0.2				
SRN	HZ	23	175	EP		0614	7.601	-0.12							1.0
SRN	HN	23	175	ES		0614	2.225	0.94							1.0
SRN	HZ	23	175	IAML		0614	3.437			142	0.3				
KEK	HZ	44	200	EP		0614	0.927	-0.46							1.0
KEK	HN	44	200	ES		0614	8.001	0.08							1.0
KEK	HZ	44	200	IAML		0614	0.703			77	0.2				
BERA	HZ	68	358	EP		0614	5.807	0.22							1.0
BERA	HN	68	358	ES		0614	6.193	0.67							1.0
BERA	HZ	68	358	IAML		0614	9.006			38	0.3				
IGT	HZ	69	154	EP		0614	4.818	-0.89							1.0
IGT	HN	69	154	ES		0614	6.044	0.30							1.0
IGT	HZ	69	154	IAML		0614	8.918			21	0.3				
AL05AHZ		77	27	EP		0614	6.857	-0.22							1.0
AL05AHN		77	27	ES		0614	8.431	0.20							1.0

July 26 2023 Hour: 6:47 42.5 Lat: 40.07N Lon: 19.91E D: 11.5 Ag: TIR Local
Magnitudes: 2.9ML TIR 3.1MW TIR Rms: 0.5 secs

14 km E of Himare

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL06AHZ		14	279	EP		0647	5.139	-0.58							1.0
AL06AHN		14	279	ES		0647	8.135	-0.16							1.0
SRN	HZ	22	161	EP		0647	6.993	-0.01							1.0
SRN	HE	22	161	ES		0647	1.586	0.96							1.0
SRN	HZ	22	161	IAML		0647	5.122			735	0.6				
TPE	HZ	26	19	EP		0647	6.339	-1.35							1.0
TPE	HZ	26	19	IAML		0647	0.928			726	0.2				
KEK	HZ	41	194	EP		0647	9.999	-0.06							1.0
KEK	HE	41	194	ES		0647	6.358	0.20							1.0
KEK	HZ	41	194	IAML		0647	8.820			1047	0.5				
VLO	HZ	57	321	EP		0647	2.934	0.21							1.0
VLO	HN	57	321	ES		0648	2.516	1.54							1.0

VLO	HZ	57	321	IAML	0648	3.863		442	0.4	
IGT	HZ	70	149	EP	0647	4.880	0.03			1.0
IGT	HE	70	149	ES	0648	5.615	0.78			1.0
IGT	HZ	70	149	IAML	0648	8.312		145	0.4	
BERA	HZ	70	2	EP	0647	3.822	-1.16			1.0
BERA	HN	70	2	ES	0648	5.252	0.20			1.0
BERA	HZ	70	2	IAML	0648	9.226		365	0.3	
BPA2	HZ	78	341	EP	0647	6.142	-0.02			1.0
AL05AHZ	81	30	EP	0647	5.851	-0.99				1.0
AL05AHN	81	30	ES	0648	8.550	0.12				1.0
AL05AHZ	81	30	IAML	0648	3.669			0.10	0.7	
KBN	HZ	96	50	EP	0647	9.157	-0.20			1.0
KBN	HE	96	50	ES	0648	3.125	0.15			1.0
KBN	HZ	96	50	IAML	0648	7.933		89	0.9	
AL04AHZ	108	344	EP	0648	1.583	0.28				1.0
AL04AHE	108	344	ES	0648	6.944	0.44				1.0
AL07AHZ	113	35	EP	0648	2.017	-0.06				1.0
AL07AHN	113	35	ES	0648	8.001	0.10				1.0
AL08AHZ	116	8	EP	0648	2.640	0.03				1.0
AL08AHN	116	8	ES	0648	9.322	0.46				1.0
SCTE	HZ	123	271	EP	0648	3.671	-0.15			1.0
SCTE	HN	123	271	ES	0648	9.723	-1.34			1.0
TIR	HZ	142	358	EP	0648	7.118	0.20			1.0
TIR	HN	142	358	ES	0648	7.082	0.41			1.0
TIR	HZ	142	358	IAML	0648	5.228		27	0.6	
LKD2	HZ	156	156	EP	0648	9.481	0.22			1.0
LKD2	HN	156	156	ES	0648	0.813	-0.09			1.0
KZN	HZ	160	80	EP	0648	9.955	-0.06			0.9
KZN	HE	160	80	ES	0648	2.027	-0.24			0.9
AL03AHZ	170	3	EP	0648	1.771	0.18				0.9
AL03AHN	170	3	ES	0648	5.202	0.08				0.9
LACI	HZ	175	355	EP	0648	2.221	0.09			0.9
LACI	HE	175	355	ES	0648	6.218	0.12			0.9
LACI	HZ	175	355	IAML	0648	5.992		55	0.4	
PHP	HZ	185	14	EP	0648	3.147	-0.33			0.9
PHP	HN	185	14	ES	0648	9.193	0.65			0.9
PHP	HZ	185	14	IAML	0648	7.571		59	1.0	
THL	HZ	188	107	EP	0648	4.146	0.28			0.9
THL	HN	188	107	ES	0648	8.847	-0.39			0.9
VLS	HZ	218	164	EP	0648	7.572	-0.13			0.9
VLS	HN	218	164	ES	0648	5.956	-0.24			0.9
SDA	HZ	223	351	EP	0648	8.296	0.03			0.9
KKS	HZ	226	10	EP	0648	8.972	0.21			0.9
KKS	HN	226	10	ES	0648	7.205	-0.90			0.9
NOCI	HZ	255	289	EP	0648	3.011	0.60			0.9
NOCI	HN	255	289	ES	0648	4.851	0.14			0.9
PDG	HZ	268	348	EP	0648	4.089	0.04			0.9
PDG	HE	268	348	ES	0648	7.831	0.16			0.9
PDG	HZ	268	348	IAML	0649	4.749		33	2.5	
PLG	HZ	302	82	EP	0648	8.061	-0.48			0.8

July 27 2023 Hour: 6:56 32.8 Lat: 40.67N Lon: 20.65E D: 8.2 Ag: TIR Local
Magnitudes: 2.5ML TIR 2.8MW TIR Rms: 0.5 secs
6 km SW of Maliq

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	13	113	EP		0656	5.805	0.18							1.0
KBN	HZ	13	113	IAML		0656	8.583			1157	0.3				
KBN	HE	13	113	ES		0656	8.715	0.83							1.0
AL05AHZ	22	281	EP			0656	7.051	-0.02							1.0
AL05AHE	22	281	ES			0656	0.686	0.19							1.0
AL07AHZ	26	6	EP			0656	7.566	-0.14							1.0
AL07AHE	26	6	ES			0656	1.814	0.17							1.0
NEST	HZ	44	130	EP		0656	0.733	-0.16							1.0
NEST	HN	44	130	ES		0656	7.152	-0.26							1.0

NEST HZ	44	130	IAML	0656	8.145			405	0.3					
BERA HZ	59	274	EP	0656	2.223-1.29									1.0
BERA HN	59	274	ES	0656	1.038-1.12									1.0
BERA HZ	59	274	IAML	0656	2.302			105	0.1					
AL08AHZ	67	317	EP	0656	4.626-0.23									1.0
AL08AHN	67	317	ES	0656	4.665 0.07									1.0
TPE HZ	68	232	EP	0656	4.248-0.80									0.2
TPE HE	68	232	ES	0656	5.835 0.90									1.0
TPE HZ	68	232	IAML	0657	1.575			61	0.4					
SRN HZ	103	212	EP	0656	1.295 0.32									1.0
KZN HZ	103	113	EP	0656	0.357-0.65									1.0
KZN HN	103	113	ES	0657	4.957-0.76									1.0
PHP HZ	114	351	EP	0656	2.837 0.05									1.0
PHP HZ	114	351	IAML	0657	9.461			25	0.3					
AL03AHZ	117	333	EP	0656	3.228 0.01									1.0
AL03AHN	117	333	ES	0657	9.390-0.35									1.0
IGT HZ	129	192	EP	0656	5.969 0.72									1.0
LACI HZ	133	324	EP	0656	6.444 0.58									1.0
LACI HN	133	324	ES	0657	5.082 0.56									1.0
LACI HZ	133	324	IAML	0657	0.968			39	0.8					
KKS HZ	157	353	EP	0657	0.145 0.18									1.0
AL01AHZ	208	334	EP	0657	7.203 0.01									0.9
AL01AHE	208	334	ES	0657	4.585-0.43									0.9
PVY HZ	221	345	EP	0657	9.046 0.07									0.9
PVY HN	221	345	ES	0657	9.069 0.82									0.9

July 28 2023 Hour: 4: 5 57.9 Lat: 40.45N Lon: 20.92E D: 12.1 Ag: TIR Local
Magnitudes: 2.5ML TIR Rms: 0.6 secs
19 km NE of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL05AHZ		53	302	EP		0406	6.413-1.08								1.0
AL05AHN		53	302	ES		0406	5.236-0.02								1.0
AL07AHZ		54	338	EP		0406	7.474-0.19								1.0
AL07AHN		54	338	ES		0406	6.826 1.27								1.0
TPE HZ		79	258	EP		0406	2.165 0.38								1.0
TPE HN		79	258	ES		0406	2.821-0.18								1.0
TPE HZ		79	258	IAML		0406	7.359			104	0.1				
BERA HZ		87	289	EP		0406	2.203-0.91								1.0
BERA HN		87	289	ES		0406	5.482 0.06								1.0
BERA HZ		87	289	IAML		0406	0.363			84	0.5				
SRN HZ		101	231	EP		0406	6.106 0.67								1.0
SRN HN		101	231	ES		0406	9.641 0.03								1.0
AL06AHZ		107	248	EP		0406	6.003-0.43								1.0
AL06AHN		107	248	ES		0406	1.135-0.29								1.0
IGT HZ		114	206	EP		0406	7.792 0.20								1.0
IGT HN		114	206	ES		0406	3.143-0.38								1.0
IGT HZ		114	206	IAML		0406	7.309			34	0.7				
KEK HZ		126	230	EP		0406	0.369 0.73								1.0
KEK HN		126	230	ES		0406	7.582 0.35								1.0
KEK HZ		126	230	IAML		0406	2.580			46	0.6				
PHP HZ		143	344	EP		0406	2.017-0.47								1.0
PHP HN		143	344	ES		0406	1.922-0.46								1.0
PHP HZ		143	344	IAML		0406	4.094			24	1.2				
LACI HZ		166	323	EP		0406	7.374 1.06								0.9
LACI HN		166	323	ES		0406	9.259-0.04								0.9
LACI HZ		166	323	IAML		0406	6.483			26	0.7				
PLG HZ		214	91	EP		0406	2.311-0.28								0.9

July 29 2023 Hour: 16:24 49.7 Lat: 41.74N Lon: 20.18E D: 19.6 Ag: TIR Local
Magnitudes: 2.3ML TIR 2.4MW TIR Rms: 0.6 secs
19 km NE of Burrel

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL03AHZ		21	225	EP		1624	4.339	-0.37							1.0
AL03AHN		21	225	ES		1624	8.424	-0.37							1.0
PHP HZ		22	105	EP		1624	5.001	0.12							1.0
PHP HN		22	105	ES		1624	9.145	0.03							1.0
PHP HZ		22	105	IAML		1624	9.458		492	0.6					1.0
LACI HZ		40	254	EP		1624	8.925	1.51							1.0
LACI HN		40	254	ES		1625	4.585	0.89							1.0
LACI HZ		40	254	IAML		1625	6.544		133	0.2					1.0
KKS HZ		42	26	EP		1624	8.044	0.39							1.0
KKS HN		42	26	ES		1625	4.709	0.59							1.0
SDA HZ		67	302	EP		1625	1.554	-0.06							1.0
SDA HN		67	302	ES		1625	1.093	-0.20							1.0
SDA HZ		67	302	IAML		1625	3.094		41	0.1					1.0
AL08AHZ		70	186	EP		1625	1.383	-0.89							1.0
AL08AHN		70	186	ES		1625	1.730	-0.75							1.0
AL02AHZ		75	241	EP		1625	3.206	0.20							1.0
AL01AHZ		86	322	EP		1625	4.552	-0.30							1.0
AL01AHN		86	322	ES		1625	6.769	-0.38							1.0
PVY HZ		97	349	EP		1625	6.137	-0.60							1.0
PDG HZ		108	316	EP		1625	8.171	-0.35							1.0
PDG HN		108	316	ES		1625	3.631	-0.16							1.0
PDG HZ		108	316	IAML		1625	4.632		35						1.0
AL05AHZ		116	171	EP		1625	0.198	0.42							1.0
BERA HZ		116	190	EP		1625	9.628	-0.21							1.0
BERA HN		116	190	ES		1625	6.685	0.51							1.0
BERA HZ		116	190	IAML		1625	1.570		17	0.7					1.0

July 30 2023 Hour: 0:48 36.6 Lat: 38.88N Lon: 20.57E D: 10.6 Ag: TIR Local
Magnitudes: 2.1ML TIR Rms: 0.4 secs
92 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2 HZ		13	144	EP		0048	9.742	0.09							1.0
LKD2 HE		13	144	ES		0048	2.231	0.11							1.0
IGT HZ		75	344	EP		0048	8.986	-0.86							1.0
IGT HN		75	344	ES		0049	0.182	-0.38							1.0
IGT HZ		75	344	IAML		0049	2.085		18	0.2					1.0
VLS HZ		78	179	EP		0048	9.808	-0.62							1.0
VLS HE		78	179	ES		0049	1.728	0.10							1.0
KEK HZ		114	324	EP		0048	5.701	-0.59							1.0
KEK HE		114	324	ES		0049	2.656	0.42							1.0
KEK HZ		114	324	IAML		0049	5.806		38	0.4					1.0
SRN HZ		121	336	EP		0048	8.089	0.58							1.0
SRN HN		121	336	ES		0049	4.396	-0.04							1.0
SRN HZ		121	336	IAML		0049	0.540		11	0.4					1.0
AL06AHZ		151	333	EP		0049	3.055	0.55							1.0
AL06AHN		151	333	ES		0049	3.527	0.04							1.0
NEST HZ		175	13	EP		0049	6.385	-0.06							0.9
NEST HZ		175	13	IAML		0049	3.067		14	0.6					0.9
BERA HZ		209	345	EP		0049	1.265	0.59							0.9
ITM HZ		224	147	EP		0049	2.889	0.30							0.9

July 30 2023 Hour: 11: 4 15.0 Lat: 39.43N Lon: 19.98E D: 1.6 Ag: TIR Local
Magnitudes: 2.1ML TIR Rms: 0.3 secs
30 km SW of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT HZ		33	69	EP		1104	0.371	-0.47							1.0
IGT HN		33	69	ES		1104	5.627	0.07							1.0
IGT HZ		33	69	IAML		1104	0.138		121	0.3					1.0
KEK HZ		35	334	EP		1104	1.127	-0.14							1.0

KEK	HE	35	334	ES	1104	6.172-0.16								1.0
KEK	HZ	35	334	IAML	1104	8.577		112	0.4					
SRN	HZ	50	2	EP	1104	3.846-0.09								1.0
SRN	HE	50	2	ES	1104	1.190 0.01								1.0
SRN	HZ	50	2	IAML	1104	3.028		64	0.3					
AL06AHZ		76	346	EP	1104	8.424-0.07								1.0
AL06AHN		76	346	ES	1104	9.662 0.24								1.0
LKD2	HZ	92	140	EP	1104	2.172 0.67								1.0
BERA	HZ	141	359	EP	1104	9.900 0.02								1.0
BERA	HN	141	359	ES	1105	0.329 0.31								1.0
BERA	HZ	141	359	IAML	1105	2.230		12	0.1					
NEST	HZ	143	40	EP	1104	0.211 0.06								1.0
NEST	HN	143	40	ES	1105	0.119-0.40								1.0
NEST	HZ	143	40	IAML	1105	0.497		14	0.5					
AL05AHZ		146	14	EP	1104	0.595-0.08								1.0
AL05AHN		146	14	ES	1105	1.839 0.37								1.0
SCTE	HZ	148	299	EP	1104	0.732-0.22								1.0
VLS	HZ	149	159	EP	1104	1.307 0.15								1.0
VLS	HE	149	159	ES	1105	2.058-0.28								1.0

July 31 2023 Hour: 15: 2 58.9 Lat: 40.86N Lon: 19.82E D: 7.4 Ag: TIR Local
Magnitudes: 2.0ML TIR Rms: 0.4 secs
10 km NW of Kucove

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA	HZ	20	148	EP		1503	2.795	0.09							1.0
BERA	HE	20	148	ES		1503	5.785-0.03								1.0
BERA	HZ	20	148	IAML		1503	6.203			184	0.1				
AL05AHZ		51	109	EP		1503	8.166	0.12							1.0
AL05AHN		51	109	ES		1503	5.441-0.05								1.0
SRN	HZ	110	172	EP		1503	7.931-0.12								1.0
SRN	HN	110	172	ES		1503	4.318 0.72								1.0
NEST	HZ	115	115	EP		1503	9.190 0.21								1.0
IGT	HZ	153	163	EP		1503	4.929-0.44								1.0
IGT	HE	153	163	ES		1503	6.276-0.57								1.0
IGT	HZ	153	163	IAML		1503	9.487			7	0.9				