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# Monthly Bulletin of Seismology

from the

## Albanian Seismic Network (ASN)

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## GENERAL BULLETIN INFORMATION

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

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

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

Magnitudes are calculated from amplitudes.

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

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

where,  $D$  is the hypocentral distance (km).

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

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

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

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

#### STATIONS USED

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

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

#### REGIONAL STATIONS

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

#### MACROSEISMIC DATA

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

## Abbreviations:

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

LAT: Latitude of epicenter

LON: Longitude of epicenter

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

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

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

RMS: Root mean square value of travel time residuals

STAT: Station code

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

DIST: Epicenter distance (km)

AZI: Azimuth from source to station

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

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

HR: Hour

MN: Minute

SECON: Seconds

TRES: Residual (seconds)

CODA: Signal duration in seconds

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

PERI: Period where amplitude is measured

BAZ: Back azimuth (station to event)

ARES: Back azimuth residual

VELO: Apparent phase velocity (km/sec)

WT: Weight of phase in the location

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

## References:

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

May 1 2023 Hour: 8:23 45.6 Lat: 39.78N Lon: 20.75E D: 19.8 Ag: TIR Local  
 Magnitudes: 2.8ML TIR 3.1MW TIR Rms: 0.8 secs  
 49 km SE of Libohove

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JAN	HZ	17	148	EP		0823	0.759	0.61							1.0
JAN	HN	17	148	ES		0823	4.372	0.52							1.0
LSK	HZ	42	343	EP		0823	3.485	-0.25							1.0
LSK	HN	42	343	ES		0824	0.890	0.53							1.0
LSK	HZ	42	343	IAML		0824	4.389			795	0.7				1.0
IGT	HZ	45	232	EP		0823	3.675	-0.46							1.0
IGT	HZ	45	232	IAML		0824	9.074			333	0.4				1.0
NEST	HZ	75	20	EP		0823	9.018	0.12							1.0
NEST	HN	75	20	ES		0824	0.130	0.44							1.0
NEST	HZ	75	20	IAML		0824	1.666			139	0.2				1.0
KEK	HZ	82	265	EP		0823	8.614	-1.41							1.0
KEK	HE	82	265	ES		0824	1.007	-0.72							1.0
KEK	HZ	82	265	IAML		0824	7.723			180	0.4				1.0
TPE	HZ	84	312	EP		0824	0.372	-0.07							1.0
TPE	HN	84	312	ES		0824	3.010	0.52							1.0
TPE	HZ	84	312	IAML		0824	5.573			211	0.6				1.0
AL06AHZ		91	292	EP		0824	1.658	0.11							1.0
AL06AHE		91	292	ES		0824	4.456	-0.04							1.0
KBN	HZ	93	2	EP		0824	0.402	-1.55							1.0
KBN	HE	93	2	ES		0824	5.049	-0.17							1.0
KBN	HZ	93	2	IAML		0824	9.208			53	0.4				1.0
KZN	HZ	105	56	EP		0824	3.716	-0.18							1.0
KZN	HE	105	56	ES		0824	8.570	-0.16							1.0
AL05AHZ		107	344	EP		0824	3.374	-0.77							1.0
AL05AHN		107	344	ES		0824	9.902	0.71							1.0
LKD2	HZ	111	184	EP		0824	5.085	0.22							1.0
LKD2	HN	111	184	ES		0824	1.855	1.36							1.0
THL	HZ	111	102	EP		0824	4.537	-0.40							1.0
THL	HN	111	102	ES		0824	0.623	-0.01							1.0
BERA	HZ	122	327	EP		0824	6.043	-0.62							1.0
BERA	HE	122	327	ES		0824	3.361	-0.39							1.0
BERA	HZ	122	327	IAML		0824	4.730			79	0.4				1.0
VLO	HZ	131	306	EP		0824	9.192	1.19							1.0
VLO	HE	131	306	ES		0824	6.578	0.41							1.0
VLO	HZ	131	306	IAML		0824	3.081			128	0.5				1.0
AL04AHZ		169	324	EP		0824	5.352	1.82							0.9
AL04AHN		169	324	ES		0824	8.420	2.23							0.9
VLS	HZ	179	184	EP		0824	4.120	-0.75							0.9
VLS	HE	179	184	ES		0824	8.557	-0.04							0.9
SCTE	HZ	197	280	EP		0824	5.573	-1.62							0.9
PHP	HZ	212	353	EP		0824	9.677	0.48							0.9
PHP	HN	212	353	ES		0824	5.544	-0.89							0.9
PHP	HZ	212	353	IAML		0824	7.882			31	0.8				0.9
LACI	HZ	223	337	EP		0824	0.195	-0.30							0.9
LACI	HZ	223	337	IAML		0824	9.747			20	0.5				0.9
PLG	HZ	239	73	EP		0824	2.545	-0.06							0.9
PUK	HZ	261	344	EP		0824	4.886	-0.53							0.9
PUK	HZ	261	344	IAML		0825	1.863			13	0.6				0.9

May 1 2023 Hour: 15: 6 2.6 Lat: 39.59N Lon: 20.69E D: 7.5 Ag: TIR Local  
 Magnitudes: 4.5ML TIR 4.2MW TIR Rms: 0.8 secs  
 44 km E of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	63	353	EP	D	1506	4.212	0.23							1.0
LSK	HE	63	353	ES		1506	1.883	-1.31							1.0
LSK	HZ	63	353	IAML		1506	8.806			23869	0.8				1.0
KEK	HZ	78	281	EP	C	1506	5.917	-0.62							1.0
KEK	HN	78	281	ES		1506	7.602	-0.22							1.0
KEK	HZ	78	281	IAML		1506	4.706			14151	0.8				1.0

LKD2	HZ	89	182	EP	D	1506	8.816	0.51				1.0
LKD2	HE	89	182	ES		1506	2.111	1.08				1.0
NEST	HZ	97	18	EP	C	1506	9.526	-0.23				1.0
NEST	HN	97	18	ES		1506	2.626	-1.03				1.0
NEST	HZ	97	18	IAML		1506	6.581		4933	0.6		
AL06AHZ		98	305	EP	C	1506	9.128	-0.66				1.0
AL06AHN		98	305	ES		1506	2.520	-1.20				1.0
TPE	HZ	98	324	EP	C	1506	9.668	-0.15				1.0
TPE	HN	98	324	ES		1506	3.744	-0.03				1.0
TPE	HZ	98	324	IAML		1506	8.238		11270	0.8		
THL	HZ	114	91	EP		1506	2.981	0.51				1.0
THL	HE	114	91	ES		1506	9.314	0.74				1.0
KBN	HZ	116	4	EP	D	1506	2.311	-0.53				1.0
KBN	HN	116	4	ES		1506	9.384	0.15				1.0
KBN	HZ	116	4	IAML		1506	4.617		2539	0.6		
KZN	HZ	122	49	EP		1506	3.789	-0.15				1.0
KZN	HN	122	49	ES		1506	0.473	-0.75				1.0
AL05AHZ		127	348	EP		1506	4.525	-0.19				1.0
AL05AHN		127	348	ES		1506	3.539	0.91				1.0
BERA	HZ	139	333	EP		1506	6.179	-0.56				1.0
BERA	HN	139	333	ES		1506	6.813	0.52				1.0
BERA	HZ	139	333	IAML		1506	8.493		5807	0.6		
VLO	HZ	142	314	EP		1506	7.610	0.48				1.0
VLO	HN	142	314	ES		1506	8.193	1.20				1.0
VLO	HZ	142	314	IAML		1506	3.050		7286	0.6		
AL07AHZ		146	360	EP		1506	8.218	0.32				1.0
AL07AHN		146	360	ES		1506	9.806	1.42				1.0
VLS	HE	157	183	ES		1506	9.072	-2.49				1.0
BPA2	HZ	157	325	EP		1506	0.039	0.42				1.0
VLS	HZ	157	183	EP		1506	0.243	0.59				1.0
AL08AHZ		176	344	EP		1506	2.714	-0.14				0.9
AL08AHN		176	344	ES		1506	7.101	-0.26				0.9
AL04AHZ		185	329	EP		1506	5.228	1.26				0.9
AL04AHN		185	329	ES		1506	8.556	-0.82				0.9
TIR	HZ	208	341	EP		1506	7.840	0.91				0.9
TIR	HZ	208	341	IAML		1507	6.023		850	0.6		
THE	HZ	226	58	EP		1506	9.405	0.16				0.9
THE	HZ	226	58	IAML		1507	9.665		280	0.5		
AL03AHZ		231	346	EP		1506	0.444	0.48				0.9
PHP	HZ	234	355	EP		1506	1.323	0.97				0.9
PHP	HZ	234	355	IAML		1507	9.576		1245	1.0		
LACI	HZ	242	340	EP		1506	1.332	0.01				0.9
LACI	HZ	242	340	IAML		1507	1.715		1148	0.6		
PLG	HZ	251	69	EP		1506	1.791	-0.70				0.9
PLG	HN	251	69	ES		1507	3.339	-1.47				0.9
KKS	HZ	277	355	EP		1506	6.685	0.82				0.8
PUK	HZ	281	346	EP		1506	6.749	0.34				0.8
PUK	HZ	281	346	IAML		1507	8.307		446	0.8		
ITM	HZ	288	158	EP		1506	8.156	0.91				0.8
SDA	HZ	292	340	EP		1506	7.151	-0.49				0.8
SDA	HZ	292	340	IAML		1507	4.246		203	1.1		
PRZK	HZ	292	1	EP		1506	8.585	0.85				0.8
BCI	HZ	313	351	EP		1506	1.535	1.04				0.8
BCI	HZ	313	351	IAML		1507	1.297		711	0.7		
AL01AHZ		321	343	EP		1506	1.401	-0.20				0.8
NVR	HZ	333	53	EP		1506	2.604	-0.40				0.8
PDG	HZ	338	340	EP		1506	3.052	-0.55				0.8
PDG	HZ	338	340	IAML		1508	1.355		336	0.8		
PVY	HZ	340	350	EP		1506	4.342	0.35				0.8
BOSS	SZ	356	24	EP		1506	5.921	-0.08				0.8
ME01AHZ		368	350	EP		1506	7.406	-0.18				0.8
BARS	BZ	371	14	EP		1506	8.225	0.35				0.8
NKME	HZ	382	338	EP		1506	7.717	-1.64				0.8
ME02AHZ		418	342	EP		1507	3.544	-0.46				0.7

May 1 2023 Hour: 15:58 44.8 Lat: 41.44N Lon: 20.05E D: 10.9 Ag: TIR Local  
 Magnitudes: 1.4ML TIR 2.0MW TIR Rms: 0.3 secs  
 7 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL03AHZ		18	348	EP		1558	8.777	0.17							1.0
AL03AHN		18	348	ES		1558	1.310	-0.35							1.0
TIR HZ		19	235	EP		1558	8.301	-0.44							1.0
TIR HN		19	235	ES		1558	2.238	0.34							1.0
TIR HZ		19	235	IAML		1558	6.746			17	0.3				1.0
LACI HZ		35	308	EP		1558	1.123	-0.26							1.0
LACI HN		35	308	ES		1558	7.056	0.37							1.0
LACI HZ		35	308	IAML		1559	2.602			15	0.2				1.0
AL08AHZ		38	173	EP		1558	1.691	-0.20							1.0
AL08AHN		38	173	ES		1558	7.623	0.01							1.0
PHP HZ		42	51	EP		1558	3.044	0.43							1.0
PHP HN		42	51	ES		1558	8.808	-0.11							1.0
PHP HZ		42	51	IAML		1559	0.562			36	0.4				1.0
PUK HZ		68	349	EP		1558	7.476	0.58							1.0
PUK HE		68	349	ES		1559	7.069	0.41							1.0
PUK HZ		68	349	IAML		1559	8.906			10	0.2				1.0
KKS HZ		76	23	EP		1558	8.114	-0.08							1.0
KKS HN		76	23	ES		1559	8.989	-0.02							1.0
AL01AHZ		108	338	EP		1559	3.485	-0.22							1.0
AL01AHN		108	338	ES		1559	8.340	-0.64							1.0

May 1 2023 Hour: 18:23 23.6 Lat: 41.39N Lon: 20.32E D: 13.6 Ag: TIR Local  
 Magnitudes: 1.6ML TIR 2.1MW TIR Rms: 0.3 secs  
 14 km SE of Bulqize

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP HZ		34	17	EP		1823	0.385	0.19							1.0
PHP HN		34	17	ES		1823	5.554	0.05							1.0
PHP HZ		34	17	IAML		1823	5.806			36	0.1				1.0
AL03AHZ		35	312	EP		1823	0.702	0.36							1.0
AL03AHN		35	312	ES		1823	5.501	-0.26							1.0
AL08AHZ		36	210	EP		1823	1.092	0.61							1.0
AL08AHN		36	210	ES		1823	5.457	-0.57							1.0
TIR HZ		38	263	EP		1823	0.931	0.13							1.0
TIR HN		38	263	ES		1823	6.798	0.20							1.0
TIR HZ		38	263	IAML		1823	9.764			9	0.1				1.0
LACI HZ		57	299	EP		1823	3.993	0.07							1.0
LACI HN		57	299	ES		1823	2.075	-0.18							1.0
LACI HZ		57	299	IAML A		1823	4.012			17	0.2				1.0
KKS HZ		76	5	EP		1823	7.022	-0.08							1.0
KKS HN		76	5	ES		1823	7.764	-0.25							1.0
PUK HZ		81	334	EP		1823	7.983	0.09							1.0
PUK HE		81	334	ES		1823	9.672	0.23							1.0
PUK HZ		81	334	IAML		1823	2.166			8	0.2				1.0
NEST HZ		124	150	EP		1823	5.373	0.23							1.0
AL01AHN		124	329	ES		1824	2.315	-0.21							1.0
NEST HE		124	150	ES		1824	2.244	-0.32							1.0
AL01AHZ		124	329	EP		1823	4.808	-0.32							1.0
NEST HZ		124	150	IAML		1824	4.021			5	0.3				1.0

May 1 2023 Hour: 18:24 11.5 Lat: 40.07N Lon: 19.88E D: 4.1 Ag: TIR Local  
 Magnitudes: 2.4ML TIR 3.0MW TIR Rms: 0.3 secs  
 11 km E of Himare

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL06AHZ		10	280	EP		1824	3.125	-0.32							1.0
AL06AHN		10	280	ES		1824	4.879	-0.17							1.0
TPE HZ		27	26	EP		1824	6.174	-0.22							1.0
TPE HN		27	26	ES		1824	0.055	-0.33							1.0
KEK HZ		41	189	EP		1824	8.615	-0.13							1.0
KEK HN		41	189	ES		1824	4.969	0.33							1.0

KEK	HZ	41	189	IAML	1824	7.278			195	0.3					
VLO	HZ	55	324	EP	1824	2.142	0.91								1.0
VLO	HN	55	324	ES	1824	9.599	0.45								1.0
VLO	HZ	55	324	IAML	1824	4.334			192	0.3					
LSK	HZ	62	82	EP	1824	2.515	-0.08								1.0
LSK	HN	62	82	ES	1824	1.464	-0.15								1.0
LSK	HZ	62	82	IAML	1824	8.609			81	0.5					
BERA	HZ	70	5	EP	1824	3.670	-0.34								1.0
BERA	HN	70	5	ES	1824	4.213	0.04								1.0
BERA	HZ	70	5	IAML	1824	1.938			95	0.5					
IGT	HZ	72	147	EP	1824	4.151	-0.12								1.0
IGT	HE	72	147	ES	1824	4.633	-0.02								1.0
IGT	HZ	72	147	IAML	1824	8.742			64	0.3					
KBN	HZ	99	51	EP	1824	9.191	0.10								1.0
KBN	HN	99	51	ES	1824	3.596	0.23								1.0
KBN	HZ	99	51	IAML	1824	6.811			33	0.7					
AL04AHN		107	346	ES	1824	5.448	-0.39								1.0
NEST	HZ	107	69	EP	1824	1.099	0.64								1.0
NEST	HE	107	69	ES	1824	5.909	0.07								1.0
NEST	HZ	107	69	IAML	1824	5.956			30	0.7					
AL08AHZ		116	9	EP	1824	2.373	0.40								1.0
AL08AHE		116	9	ES	1824	8.502	-0.09								1.0
SCTE	HZ	120	270	EP	1824	2.446	-0.20								1.0
LKD2	HZ	158	155	EP	1824	8.769	-0.14								0.9
LKD2	HN	158	155	ES	1825	0.718	-0.43								0.9
KZN	HZ	163	80	EP	1824	0.124	0.23								0.9
KZN	HN	163	80	ES	1825	2.830	-0.09								0.9
AL03AHZ		170	4	EP	1824	0.568	-0.40								0.9
AL03AHN		170	4	ES	1825	4.569	-0.30								0.9
LACI	HZ	174	356	EP	1824	1.497	-0.13								0.9
PHP	HZ	185	15	EP	1824	3.643	0.28								0.9
PHP	HZ	185	15	IAML	1825	4.991			18	0.5					
THL	HZ	192	106	EP	1824	4.414	0.31								0.9

May 2 2023 Hour: 0:49 3.8 Lat: 39.82N Lon: 19.60E D: 10.0F Ag: TIR Local  
Magnitudes: 1.4ML TIR 2.0MW TIR Rms: 0.7 secs

34 km S of Himare

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KEK	HZ	21	123	EP		0049	7.644	-0.28							1.0
KEK	HN	21	123	ES		0049	0.807	-0.47							1.0
KEK	HZ	21	123	IAML		0049	3.517			55	2.1				
AL06AHZ		33	25	EP		0049	9.504	-0.50							1.0
AL06AHN		33	25	ES		0049	3.952	-1.09							1.0
TPE	HZ	64	34	EP		0049	5.431	0.19							1.0
TPE	HN	64	34	ES		0049	3.538	-1.00							1.0
LSK	HZ	93	66	EP		0049	0.451	0.29							1.0
LSK	HN	93	66	ES		0049	3.343	-0.10							1.0
LSK	HZ	93	66	IAML		0049	5.244			3	0.7				
BERA	HN	103	17	ES		0049	7.263	1.03							1.0
NEST	HZ	141	61	EP		0049	9.303	1.26							1.0
NEST	HE	141	61	ES		0049	8.532	0.83							1.0

May 2 2023 Hour: 1:41 17.9 Lat: 42.53N Lon: 19.21E D: 20.7 Ag: TIR Local  
Magnitudes: 2.3ML TIR 2.8MW TIR Rms: 0.7 secs

39 km NW of Koplík

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PDG	HZ	11	160	EP		0141	2.085	0.11							1.0
PDG	HN	11	160	ES		0141	5.224	-0.06							1.0
PDG	HZ	11	160	IAML		0141	5.466			1546	0.2				
AL01AHZ		34	126	EP		0141	4.758	-0.12							1.0
AL01AHE		34	126	ES		0141	9.879	-0.66							1.0
AL01AHZ		34	126	IAML		0141	9.995			1	0.4				
NKME	HZ	34	322	EP		0141	5.027	0.13							1.0
NKME	HN	34	322	ES		0141	0.327	-0.24							1.0



SDA	HZ	58	156	EP	0141	7.918	-0.55				1.0
SDA	HE	58	156	ES	0141	7.455	0.42				1.0
SDA	HZ	58	156	IAML	0141	9.450		16	0.1		
ME05AHZ		58	263	EP	0141	8.663	0.10				1.0
ME05AHN		58	263	ES	0141	7.385	0.17				1.0
PVY	HZ	62	83	EP	0141	9.453	0.27				1.0
PVY	HN	62	83	ES	0141	8.294	-0.04				1.0
ME01AHZ		65	57	EP	0141	0.113	0.39				1.0
ME01AHE		65	57	ES	0141	9.342	0.03				1.0
ME02AHZ		71	354	EP	0141	0.829	0.20				1.0
ME02AHN		71	354	ES	0141	0.950	-0.00				1.0
BCI	HZ	72	104	EP	0141	0.455	-0.41				1.0
BCI	HN	72	104	ES	0141	1.440	0.06				1.0
BCI	HZ	72	104	IAML	0141	2.631		101	0.2		
PUK	HZ	78	134	EP	0141	1.501	-0.23				1.0
PUK	HE	78	134	ES	0141	2.863	-0.07				1.0
PUK	HZ	78	134	IAML	0141	4.797		77	0.5		
ME03AHZ		92	7	EP	0141	4.713	0.53				1.0
ME03AHN		92	7	ES	0141	7.242	-0.13				1.0
LACI	HZ	107	157	EP	0141	5.759	-0.76				1.0
LACI	HN	107	157	ES	0141	0.198	-1.41				1.0
LACI	HZ	107	157	IAML	0141	3.835		40	0.4		
KKS	HZ	110	117	EP	0141	7.178	0.16				1.0
KKS	HN	110	117	ES	0141	2.416	-0.09				1.0
AL03AHZ		122	147	EP	0141	8.896	0.06				1.0
AL03AHE		122	147	ES	0141	5.919	0.11				1.0
AL03AHZ		122	147	IAML	0141	9.512		0.10	0.4		
AL02AHZ		125	173	EP	0141	2.033	2.71				1.0
AL02AHN		125	173	ES	0141	6.993	0.31				1.0
PRZK	HZ	132	105	EP	0141	1.062	0.58				1.0
PRZK	HN	132	105	ES	0141	8.638	-0.14				1.0
PHP	HZ	138	132	EP	0141	1.789	0.37				1.0
PHP	HN	138	132	ES	0142	0.571	0.10				1.0
PHP	HZ	138	132	IAML	0142	3.919		22	0.3		
TIR	HZ	141	157	EP	0141	2.556	0.61				1.0
TIR	HN	141	157	ES	0142	1.825	0.40				1.0
TIR	HZ	141	157	IAML	0142	5.712		20	0.6		
GMRK	HZ	165	84	EP	0141	5.469	0.06				0.9
AL04AHZ		171	170	EP	0141	6.356	0.33				0.9
AL04AHN		171	170	ES	0142	9.366	0.55				0.9
AL08AHZ		174	155	EP	0141	6.408	-0.03				0.9
AL08AHN		174	155	ES	0142	9.605	0.04				0.9
BERA	HZ	211	163	EP	0141	0.532	-0.67				0.9
BERA	HN	211	163	ES	0142	8.024	-0.17				0.9
BERA	HZ	211	163	IAML	0142	1.862		10	1.6		
BARS	BZ	216	80	EP	0141	1.513	-0.27				0.9
NOCI	HZ	263	224	EP	0141	5.877	-1.99				0.9
BOSS	SZ	267	90	EP	0141	8.033	-0.36				0.9
AL06AHZ		274	170	EP	0141	9.828	0.55				0.8
NEST	HZ	280	146	EP	0142	0.707	0.59				0.8
NEST	HZ	280	146	IAML	0142	6.806		6	1.6		
LSK	HZ	288	156	EP	0142	1.497	0.36				0.8
LSK	HN	288	156	ES	0142	6.907	0.74				0.8
LSK	HZ	288	156	IAML	0143	3.085		11	1.0		
BLY	HZ	296	327	EP	0142	1.835	-0.29				0.8
KEK	HZ	316	171	EP	0142	1.674	-2.97				0.8
NVR	HZ	407	107	EP	0142	5.858	-0.51				0.7

May 2 2023 Hour: 1:50 21.1 Lat: 39.76N Lon: 20.73E D: 24.8 Ag: TIR Local  
 Magnitudes: 3.1ML TIR 3.4MW TIR Rms: 0.5 secs  
 47 km E of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JAN	HZ	16	137	EP		0150	6.509	0.30							1.0
JAN	HE	16	137	ES		0150	0.705	0.36							1.0
LSK	HZ	45	346	EP		0150	9.457	-0.49							1.0
LSK	HN	45	346	ES		0150	7.260	0.15							1.0
LSK	HZ	45	346	IAML		0150	0.454			800	0.6				1.0
NEST	HZ	78	21	EP		0150	4.837	-0.22							1.0
NEST	HN	78	21	ES		0150	6.321	-0.04							1.0
NEST	HZ	78	21	IAML		0150	7.226			351	0.4				1.0
KEK	HZ	80	267	EP		0150	4.299	-0.99							0.5
KEK	HE	80	267	ES		0150	5.977	-0.81							1.0
KEK	HZ	80	267	IAML		0150	9.156			392	0.3				1.0
TPE	HZ	85	315	EP		0150	6.030	-0.09							1.0
TPE	HN	85	315	ES		0150	8.821	0.54							1.0
TPE	HZ	85	315	IAML		0150	3.129			476	0.4				1.0
AL06AHZ		91	294	EP		0150	7.227	0.24							1.0
AL06AHN		91	294	ES		0150	9.597	-0.25							1.0
KBN	HZ	96	3	EP		0150	7.615	-0.30							1.0
KBN	HN	96	3	ES		0150	0.848	-0.69							1.0
KBN	HZ	96	3	IAML		0150	6.649			151	0.5				1.0
KZN	HZ	108	55	EP		0150	9.444	-0.33							1.0
LKD2	HZ	108	183	EP		0150	0.328	0.58							1.0
THL	HZ	113	101	EP		0150	0.123	-0.33							1.0
THL	HE	113	101	ES		0150	6.082	-0.05							1.0
BERA	HZ	124	328	EP		0150	1.985	-0.25							1.0
BERA	HN	124	328	ES		0150	9.964	0.62							1.0
BERA	HZ	124	328	IAML		0151	3.368			151	0.2				1.0
AL07AHZ		127	358	EP		0150	2.582	-0.15							1.0
VLO	HZ	131	307	EP		0150	3.682	0.30							1.0
VLO	HZ	131	307	IAML		0151	4.477			375	0.4				1.0
BPA2	HZ	143	319	EP		0150	5.940	0.70							1.0
AL08AHZ		159	341	EP		0150	7.363	0.13							0.9
VLS	HZ	176	184	EP		0150	9.169	-0.33							0.9
TIR	HZ	191	338	EP		0150	1.885	0.51							0.9
TIR	HZ	191	338	IAML		0151	0.983			26	0.6				0.9
SCTE	HZ	196	281	EP		0150	1.138	-0.92							0.9
AL03AHZ		213	344	EP		0150	4.649	0.35							0.9
THE	HZ	214	62	EP		0150	3.954	-0.35							0.9
THE	HZ	214	62	IAML		0151	2.091			16	0.3				0.9
PHP	HZ	215	354	IAML		0151	2.438			47	0.8				0.9
AL02AHZ		215	329	EP		0150	4.953	0.51							0.9
PHP	HZ	215	354	EP		0150	5.321	0.77							0.9
LACI	HZ	225	338	EP		0150	5.806	0.04							0.9
LACI	HZ	225	338	IAML		0151	1.795			42	0.7				0.9
PLG	HZ	242	73	EP		0150	8.159	0.22							0.9
KKS	HZ	258	354	EP		0151	0.359	0.30							0.9
PUK	HZ	263	345	EP		0151	0.584	-0.14							0.9
PUK	HZ	263	345	IAML		0151	0.840			12	0.5				0.9
PRZK	HZ	272	1	EP		0151	2.247	0.37							0.9
SDA	HZ	275	338	EP		0151	1.309	-0.78							0.8
BCI	HZ	295	349	EP		0151	5.200	0.46							0.8
BCI	HZ	295	349	IAML		0151	6.447			37	1.0				0.8
ITM	HZ	305	160	EP		0151	6.517	0.49							0.8
NVR	HZ	319	55	EP		0151	7.708	-0.16							0.8
PVY	HZ	321	349	EP		0151	8.695	0.44							0.8
PDG	HZ	321	338	EP		0151	6.958	-1.10							0.4
ME01AHZ		350	349	EP		0151	2.040	0.19							0.8
NKME	HZ	366	337	EP		0151	2.611	-1.23							0.4
ME02AHZ		400	341	EP		0151	7.965	-0.43							0.7
RDO	HZ	436	68	EP		0151	2.223	-0.56							0.7

SGRT HZ 475 299 EP 0151 4.968-2.99 0.2

May 2 2023 Hour: 19: 3 57.6 Lat: 40.65N Lon: 20.00E D: 4.9 Ag: TIR Local  
Magnitudes: 1.4ML TIR 2.0MW TIR Rms: 0.5 secs

6 km SE of Berat

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA	HZ	8	322	EP		1903	8.630	-0.60							1.0
BERA	HN	8	322	ES		1904	0.485	-0.06							1.0
BERA	HZ	8	322	IAML		1904	0.862			330	0.1				
AL05AHZ		33	79	EP		1904	3.644	0.01							1.0
AL05AHN		33	79	ES		1904	9.270	0.74							1.0
TPE	HZ	39	179	EP		1904	4.018	-0.67							1.0
TPE	HN	39	179	ES		1904	0.120	-0.31							1.0
TPE	HZ	39	179	IAML		1904	1.511			46	0.1				
AL08AHZ		51	9	EP		1904	6.588	-0.23							1.0
AL08AHN		51	9	ES		1904	4.358	0.08							1.0
AL04AHZ		55	317	EP		1904	8.123	0.73							1.0
AL06AHZ		66	199	EP		1904	0.145	0.79							1.0
AL06AHN		66	199	ES		1904	8.943	0.07							1.0
LSK	HZ	75	137	EP		1904	1.112	0.08							1.0
LSK	HN	75	137	ES		1904	1.246	-0.66							1.0
LSK	HZ	75	137	IAML		1904	4.900			8	0.3				
SRN	HZ	85	180	EP		1904	3.952	1.08							1.0
SRN	HN	85	180	ES		1904	5.159	-0.09							1.0
SRN	HZ	85	180	IAML		1904	6.122			5	0.2				
NEST	HZ	92	106	EP		1904	3.427	-0.68							1.0
NEST	HN	92	106	ES		1904	7.785	0.30							1.0
NEST	HZ	92	106	IAML		1904	2.428			4	0.3				
PUK	HZ	155	357	EP		1904	3.957	-0.65							1.0

May 3 2023 Hour: 1:18 54.1 Lat: 41.46N Lon: 19.73E D: 19.6 Ag: TIR Local  
Magnitudes: 1.3ML TIR 2.0MW TIR Rms: 0.4 secs

6 km SW of Kruje

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	17	140	EP		0118	8.534	-0.06							1.0
TIR	HE	17	140	ES		0119	2.433	0.18							1.0
TIR	HZ	17	140	IAML		0119	2.910			24	0.2				
LACI	HZ	19	356	EP		0118	8.303	-0.54							1.0
LACI	HN	19	356	ES		0119	2.107	-0.59							1.0
LACI	HZ	19	356	IAML		0119	2.578			55	0.1				
AL03AHZ		27	56	EP		0119	0.093	0.17							1.0
AL03AHN		27	56	ES		0119	5.043	0.38							1.0
AL02AHZ		29	258	EP		0119	0.291	0.16							1.0
AL08AHZ		50	142	EP		0119	3.304	-0.13							1.0
PHP	HZ	64	67	EP		0119	5.438	-0.19							1.0
PHP	HE	64	67	ES		0119	5.401	0.41							1.0
PHP	HZ	64	67	IAML		0119	7.480			6	0.2				
PUK	HZ	66	12	EP		0119	6.433	0.50							1.0
PUK	HE	66	12	ES		0119	5.907	0.36							1.0
PUK	HZ	66	12	IAML		0119	9.154			6	0.2				
SDA	HZ	68	343	EP		0119	6.413	0.16							1.0
SDA	HN	68	343	ES		0119	6.180	0.07							1.0
BERA	HZ	87	168	EP		0119	9.841	0.54							1.0
BERA	HE	87	168	ES		0119	1.510	-0.13							1.0
BERA	HZ	87	168	IAML		0119	3.313			10	0.3				
KKS	HZ	88	39	EP		0119	9.526	0.03							1.0
KKS	HE	88	39	ES		0119	1.240	-0.74							1.0
AL01AHZ		99	351	EP		0119	1.248	-0.23							1.0
BCI	HZ	104	15	EP		0119	2.170	-0.06							1.0
PDG	HZ	114	340	EP		0119	3.758	-0.13							1.0
PDG	HE	114	340	ES		0119	0.118	0.19							1.0
PDG	HZ	114	340	IAML		0119	3.193			3	0.4				
NKME	HZ	158	336	EP		0119	0.613	-0.18							0.9
NEST	HZ	161	136	EP		0119	0.374	-0.75							0.9

ME02AHZ 195 345 EP 0119 6.101 0.58 0.9

May 3 2023 Hour: 2:35 5.8 Lat: 40.04N Lon: 20.56E D: 8.1 Ag: TIR Local  
Magnitudes: 1.8ML TIR 2.2MW TIR Rms: 0.3 secs

25 km E of Libohove

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	13	14	EP		0235	8.780	0.20							1.0
LSK	HN	13	14	ES		0235	1.033	0.17							1.0
LSK	HZ	13	14	IAML		0235	2.198			155	0.2				
JAN	HZ	49	150	EP		0235	4.244	-0.41							1.0
JAN	HN	49	150	ES		0235	1.709	-0.14							1.0
SRN	HZ	51	250	EP		0235	5.072	0.08							1.0
SRN	HN	51	250	ES		0235	2.928	0.46							1.0
SRN	HZ	51	250	IAML		0235	4.307			31	0.2				
TPE	HZ	55	302	EP		0235	5.632	0.00							1.0
TPE	HN	55	302	ES		0235	3.519	-0.10							1.0
TPE	HZ	55	302	IAML		0235	7.564			33	0.2				
NEST	HZ	59	45	EP		0235	6.432	0.01							1.0
NEST	HN	59	45	ES		0235	5.090	0.04							1.0
NEST	HZ	59	45	IAML		0235	8.132			17	0.3				
KBN	HZ	68	16	EP		0235	7.932	-0.06							1.0
KBN	HE	68	16	ES		0235	7.679	-0.21							1.0
AL06AHZ		69	275	EP		0235	7.932	-0.20							1.0
AL06AHN		69	275	ES		0235	8.215	0.07							1.0
KEK	HZ	75	241	EP		0235	9.427	0.33							1.0
KEK	HN	75	241	ES		0235	9.425	-0.47							1.0
AL05AHZ		76	349	EP		0235	8.901	-0.39							1.0
AL05AHN		76	349	ES		0235	0.570	0.33							1.0
BERA	HZ	90	325	EP		0235	1.314	-0.41							1.0
BERA	HN	90	325	ES		0235	4.878	0.24							1.0
BERA	HZ	90	325	IAML		0235	8.132			14	0.2				
THL	HZ	135	112	EP		0235	9.121	-0.05							1.0
THL	HN	135	112	ES		0235	8.516	0.39							1.0
LKD2	HZ	139	177	EP		0235	9.554	-0.28							1.0
LKD2	HE	139	177	ES		0235	9.763	0.44							1.0

May 3 2023 Hour: 3:43 5.9 Lat: 39.59N Lon: 20.63E D: 5.1 Ag: TIR Local  
Magnitudes: 2.1ML TIR 2.9MW TIR Rms: 0.3 secs

38 km E of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JAN	HZ	21	68	EP		0304	0.124	0.41							1.0
JAN	HN	21	68	ES		0304	2.981	0.15							1.0
LSK	HZ	63	358	EP		0304	6.767	-0.33							1.0
LSK	HN	63	358	ES		0304	6.070	-0.13							1.0
LSK	HZ	63	358	IAML		0304	9.871			62	0.6				
SRN	HZ	63	301	EP		0304	7.175	0.06							1.0
SRN	HN	63	301	ES		0304	6.467	0.24							1.0
SRN	HZ	63	301	IAML		0304	9.700			19	0.5				
KEK	HZ	72	281	EP		0304	8.955	0.12							1.0
KEK	HN	72	281	ES		0304	9.313	-0.03							1.0
KEK	HZ	72	281	IAML		0305	4.480			48	0.4				
LKD2	HZ	89	178	EP		0304	1.928	0.21							1.0
TPE	HZ	94	327	EP		0304	2.740	0.04							1.0
TPE	HN	94	327	ES		0305	6.349	0.01							1.0
TPE	HZ	94	327	IAML		0305	9.270			27	0.5				
NEST	HZ	99	21	EP		0304	3.190	-0.29							1.0
NEST	HN	99	21	ES		0305	6.977	-0.78							1.0
THL	HZ	119	91	EP		*0304	4.933	-1.90							0.0
THL	HN	119	91	ES		0305	6.939	5.02							1.0
AL05AHZ		126	351	EP		0304	7.611	-0.35							1.0
BERA	HZ	137	335	EP		0305	0.022	0.28							1.0
BERA	HN	137	335	ES		0305	9.648	0.56							1.0
BERA	HZ	137	335	IAML		0305	1.106			8	0.3				
VLS	HZ	156	181	EP		0305	2.930	-0.12							1.0

May 3 2023 Hour: 21:13 25.5 Lat: 40.01N Lon: 20.62E D: 7.3 Ag: TIR Local  
 Magnitudes: 1.8ML TIR 2.5MW TIR Rms: 0.9 secs  
 30 km E of Libohove

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	16	352	EP		2113	8.226	-0.43							1.0
LSK	HE	16	352	ES		2113	2.309	1.08							1.0
LSK	HZ	16	352	IAML		2113	2.787			255	0.7				
SRN	HZ	55	255	EP		2113	5.027	-0.41							1.0
SRN	HE	55	255	ES		2113	4.244	0.75							1.0
SRN	HZ	55	255	IAML		2113	6.397			29	0.4				
NEST	HZ	58	39	EP		2113	5.509	-0.39							1.0
NEST	HN	58	39	ES		2113	3.489	-0.84							1.0
NEST	HZ	58	39	IAML		2113	8.860			16	0.7				
TPE	HZ	61	302	EP		2113	5.915	-0.51							1.0
TPE	HN	61	302	ES		2113	5.585	0.31							1.0
TPE	HZ	61	302	IAML		2113	9.890			26	0.3				
KBN	HZ	70	11	EP		2113	9.444	1.45							1.0
KBN	HN	70	11	ES		2113	7.969	-0.15							1.0
AL06AHZ		74	277	EP		2113	8.102	-0.74							1.0
AL06AHN		74	277	ES		2113	0.411	0.75							1.0
KEK	HZ	78	245	EP		2113	8.589	-0.85							1.0
KEK	HE	78	245	ES		2113	1.227	0.49							1.0
KEK	HZ	78	245	IAML		2113	3.786			46	0.6				
AL05AHZ		80	346	EP		2113	8.915	-0.84							1.0
AL05AHE		80	346	ES		2113	1.809	0.51							1.0
BERA	HZ	96	324	EP		2113	1.106	-1.32							1.0
BERA	HE	96	324	ES		2113	6.347	0.20							1.0
BERA	HZ	96	324	IAML		2114	0.779			10	0.2				
KZN	HZ	103	71	EP		2113	1.729	-1.95							1.0
KZN	HN	103	71	ES		2114	0.046	1.64							1.0
THL	HZ	129	112	EP		2113	8.949	1.02							1.0
THL	HN	129	112	ES		2114	6.417	0.31							1.0

May 3 2023 Hour: 22: 2 16.1 Lat: 39.08N Lon: 18.75E D: 30.3 Ag: TIR Local  
 Magnitudes: 2.3ML TIR Rms: 0.1 secs  
 139 km SW of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KEK	HZ	115	52	EP		2202	5.968	0.09							1.0
KEK	HE	115	52	ES		2202	1.847	-0.05							1.0
KEK	HZ	115	52	IAML		2202	4.424			26	0.6				
SRN	HZ	140	50	EP		2202	9.199	-0.12							1.0
SRN	HN	140	50	ES		2202	7.973	-0.14							1.0
SRN	HZ	140	50	IAML		2203	6.670			6	0.4				
AL06AHZ		142	37	EP		2202	9.679	0.07							1.0
AL06AHE		142	37	ES		2202	8.638	-0.00							1.0
LSK	HZ	199	53	EP		2202	6.913	-0.05							0.9
LSK	HZ	199	53	ES		2203	2.181	0.22							0.9
LSK	HZ	199	53	IAML		2203	1.685			11	1.9				

May 4 2023 Hour: 12:10 36.0 Lat: 40.14N Lon: 19.89E D: 14.2 Ag: TIR Local  
 Magnitudes: 1.6ML TIR 2.0MW TIR Rms: 0.3 secs  
 12 km E of Himare

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL06AHZ		12	241	EP		1210	9.624	0.30							1.0
AL06AHN		12	241	ES		1210	2.184	0.15							1.0
TPE	HZ	20	33	EP		1210	0.241	-0.08							1.0
TPE	HN	20	33	ES		1210	3.423	-0.42							1.0
TPE	HZ	20	33	IAML		1210	5.158			50	0.2				
SRN	HZ	31	161	EP		1210	2.132	0.19							1.0
SRN	HE	31	161	ES		1210	6.988	0.21							1.0
SRN	HZ	31	161	IAML		1210	9.189			27	0.2				
KEK	HZ	48	189	EP		1210	4.916	0.11							1.0
KEK	HE	48	189	ES		1210	1.157	-0.80							1.0

KEK	HZ	48	189	IAML		1210	3.920			23	0.3								
LSK	HZ	61	89	EP		1210	7.192	0.29											1.0
LSK	HN	61	89	ES		1210	5.790	0.04											1.0

May 4 2023 Hour: 14:38 15.8 Lat: 38.81N Lon: 20.91E D: 5.0F Ag: TIR Local  
 Magnitudes: 2.4ML TIR Rms: 0.9 secs  
 113 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HN	76	202	ES		1438	0.198	-0.22							1.0
THL	HZ	127	48	EP		1438	8.109	0.06							1.0
THL	HN	127	48	ES		1438	5.639	-0.40							1.0
KEK	HZ	139	316	EP		1438	9.928	-0.13							1.0
KEK	HN	139	316	ES		1439	0.325	0.64							1.0
KEK	HZ	139	316	IAML		1439	3.091		69	0.6					
SRN	HZ	142	327	EP		1438	1.677	1.04							1.0
SRN	HN	142	327	ES		1439	1.605	0.89							1.0
SRN	HZ	142	327	IAML		1439	1.819		28	0.8					
LSK	HZ	151	350	EP		1438	2.124	-0.02							1.0
LSK	HN	151	350	ES		1439	3.925	0.47							1.0
AL06AHZ		173	325	EP		1438	6.075	0.29							0.9
AL06AHN		173	325	ES		1439	6.945	-3.10							0.9
NEST	HZ	178	4	EP		1438	6.634	-0.08							0.9
NEST	HZ	178	4	IAML		1439	3.917		16	0.7					
TPE	HZ	182	335	EP		1438	7.714	0.57							0.9
ITM	HZ	202	154	EP		1438	9.630	-0.12							0.9

May 6 2023 Hour: 0:52 49.2 Lat: 39.27N Lon: 19.60E D: 5.0F Ag: TIR Local  
 Magnitudes: 1.2ML TIR 3.4MW TIR Rms: 0.3 secs  
 66 km SW of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KEK	HZ	52	19	EP		0052	8.733	0.18							1.0
KEK	HE	52	19	ES		0053	6.484	0.33							1.0
KEK	HZ	52	19	IAML		0053	8.157		10	0.2					
SRN	HZ	76	27	EP		0053	2.370	-0.42							1.0
SRN	HE	76	27	ES		0053	3.370	-0.46							1.0
SRN	HZ	76	27	IAML		0053	5.347		3	0.2					
AL06AHZ		92	8	EP		0053	5.466	-0.17							1.0
AL06AHN		92	8	ES		0053	9.114	0.14							1.0
NEST	HZ	178	44	EP		0053	0.308	0.38							0.9
NEST	HE	178	44	ES		0053	4.928	0.08							0.9

May 6 2023 Hour: 2:13 35.8 Lat: 40.50N Lon: 20.85E D: 2.8 Ag: TIR Local  
 Magnitudes: 2.0ML TIR 2.4MW TIR Rms: 0.4 secs  
 14 km SE of Korce

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	15	339	EP		0213	8.829	0.27							1.0
KBN	HE	15	339	ES		0213	0.765	0.01							1.0
KBN	HZ	15	339	IAML		0213	3.379		213	0.2					
NEST	HZ	19	119	EP		0213	9.831	0.47							1.0
NEST	HE	19	119	ES		0213	2.494	0.28							1.0
LSK	HZ	44	209	EP		0213	3.108	-0.69							1.0
LSK	HE	44	209	ES		0213	0.021	-0.22							1.0
LSK	HZ	44	209	IAML		0213	6.776		88	0.7					
AL05AHZ		45	301	EP		0213	3.886	-0.02							1.0
AL05AHE		45	301	ES		0213	0.603	0.16							1.0
AL07AHZ		47	342	EP		0213	4.513	0.30							1.0
AL07AHE		47	342	ES		0213	0.693	-0.29							1.0
TPE	HZ	74	252	EP		0213	9.096	-0.06							1.0
TPE	HN	74	252	ES		0214	0.437	0.51							1.0
BERA	HZ	80	287	EP		0213	9.386	-0.67							1.0
BERA	HN	80	287	ES		0214	1.128	-0.44							1.0
BERA	HZ	80	287	IAML		0214	4.403		16	0.3					
KZN	HZ	81	105	EP		0213	0.313	-0.02							1.0
KZN	HN	81	105	ES		0214	2.496	0.43							1.0

AL08AHZ	92	317	EP	0213	0.931-1.39										0.5
AL08AHE	92	317	ES	0214	5.860	0.20									1.0
SRN HZ	100	227	EP	0213	3.287-0.40										1.0
AL06AHZ	103	244	EP	0213	4.153-0.18										1.0
AL06AHE	103	244	ES	0214	0.055	0.75									1.0
KEK HZ	125	226	EP	0213	8.085	0.12									1.0
KEK HN	125	226	ES	0214	6.406	0.53									1.0
PHP HZ	136	345	EP	0213	9.688-0.10										1.0
PHP HZ	136	345	IAML	0214	0.561				6	0.3					
AL03AHZ	142	330	EP	0214	0.506-0.18										1.0
AL03AHE	142	330	ES	0214	1.281	0.47									1.0
THL HZ	144	136	EP	0214	0.244-0.79										1.0
THL HN	144	136	ES	0214	1.293-0.14										1.0
LACI HZ	158	323	EP	0214	3.428-0.00										0.9
LACI HZ	158	323	IAML	0214	8.975				9	0.8					
KKS HZ	179	348	EP	0214	7.025	0.14									0.9
PUK HZ	189	335	EP	0214	8.856	0.39									0.9
AL01AHZ	232	332	EP	0214	3.954-0.05										0.9
PVY HZ	244	343	EP	0214	5.059-0.51										0.9

May 6 2023 Hour: 13: 9 52.2 Lat: 41.40N Lon: 19.91E D: 13.1 Ag: TIR Local  
Magnitudes: 1.8ML TIR 2.2MW TIR Rms: 0.9 secs

10 km NE of Tirane

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	7	211	EP		1309	4.559-0.30								1.0
TIR	HN	7	211	ES		1309	7.236	0.22							1.0
TIR	HZ	7	211	IAML		1310	0.632			332	0.3				
AL03AHZ		23	20	EP		1309	6.780-0.19								1.0
AL03AHN		23	20	ES		1310	0.492-0.34								1.0
AL03AHZ		23	20	IAML		1310	5.109			0.10	0.4				
LACI HZ		30	329	EP		1309	7.115-0.92								1.0
LACI HZ		30	329	IAML		1310	5.273			105	0.6				
AL08AHZ		37	154	EP		1309	8.744-0.35								1.0
AL08AHE		37	154	ES		1310	5.263	0.57							1.0
AL02AHZ		43	271	EP		1310	0.336	0.28							1.0
AL02AHE		43	271	ES		1310	6.933	0.50							1.0
PHP HZ		54	55	EP		1310	1.955-0.06								1.0
PHP HE		54	55	ES		1310	1.247	1.28							1.0
PHP HZ		54	55	IAML		1310	5.983			27	0.5				
PUK HZ		71	359	EP		1310	5.231	0.42							1.0
PUK HN		71	359	ES		1310	5.433	0.41							1.0
PUK HZ		71	359	IAML		1310	8.903			9	0.3				
BERA HZ		78	177	EP		1310	6.642	0.75							1.0
BERA HE		78	177	ES		1310	7.927	0.95							1.0
BERA HZ		78	177	IAML		1310	0.249			13	0.5				
SDA HZ		80	335	EP		1310	5.793-0.36								1.0
SDA HN		80	335	ES		1310	7.476	0.01							1.0
KKS HZ		85	29	EP		1310	7.022-0.07								1.0
KKS HE		85	29	ES		1310	9.200	0.04							1.0
AL05AHZ		88	152	EP		1310	8.964	1.44							1.0
AL05AHE		88	152	ES		1310	7.217-2.72								1.0
BCI HZ		108	7	EP		1310	9.504-1.41								1.0
BCI HE		108	7	ES		1310	6.916	0.85							1.0
BCI HZ		108	7	IAML		1310	4.698			9	0.5				
AL01AHZ		109	344	EP		1310	9.865-1.27								1.0
AL01AHN		109	344	ES		1310	6.727	0.25							1.0

May 6 2023 Hour: 14:12 27.9 Lat: 38.71N Lon: 21.20E D: 6.1 Ag: TIR Local  
Magnitudes: 2.1ML TIR 3.0MW TIR Rms: 0.5 secs

137 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	79	222	EP		1412	1.788-0.32								1.0
VLS	HN	79	222	ES		1412	3.429-0.18								1.0
JAN	HZ	110	344	EP		1412	7.189-0.08								1.0

JAN	HN	110	344	ES		1413	3.387	0.44							1.0
IGT	HN	119	321	ES		1413	5.674	0.11							1.0
THL	HZ	119	36	EP		1412	7.541	-1.15							1.0
THL	HN	119	36	ES		1413	5.497	-0.02							1.0
IGT	HZ	119	321	EP		1412	8.694	-0.01							1.0
IGT	HZ	119	321	IAML		1413	2.336		20	0.5					
KEK	HZ	165	313	EP		1412	6.854	0.44							0.9
KEK	HN	165	313	ES		1413	8.752	-0.75							0.9
KEK	HZ	165	313	IAML		1413	1.485		15	0.6					
SRN	HZ	166	322	EP		1412	7.617	0.94							0.9
SRN	HN	166	322	ES		1413	9.654	-0.32							0.9
SRN	HZ	166	322	IAML		1413	3.979		6	0.2					
ITM	HZ	181	159	EP		1412	9.740	0.73							0.9
ITM	HN	181	159	ES		1413	3.960	-0.25							0.9
NEST	HZ	190	356	EP		1413	0.429	0.16							0.9
NEST	HN	190	356	ES		1413	6.550	0.07							0.9
AL06AHZ	198	321	EP		1413	2.080	0.98								0.9
AL06AHN	198	321	ES		1413	7.321	-0.66								0.9

May 6 2023 Hour: 16:14 42.0 Lat: 39.39N Lon: 20.82E D: 13.7 Ag: TIR Local  
Magnitudes: 1.9ML TIR 2.6MW TIR Rms: 0.7 secs  
62 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JAN	HZ	30	5	EP		1614	7.975	0.21							1.0
JAN	HN	30	5	ES		1614	2.725	0.26							1.0
IGT	HZ	45	291	EP		1614	9.448	-0.77							1.0
IGT	HN	45	291	ES		1614	6.534	-0.36							1.0
IGT	HZ	45	291	IAML		1614	7.599		42	0.4					
LSK	HZ	87	347	EP		1614	7.542	0.38							1.0
LSK	HN	87	347	ES		1615	0.095	0.63							1.0
LSK	HZ	87	347	IAML		1615	8.301		18	0.2					
SRN	HZ	89	308	EP		1614	8.430	0.91							1.0
SRN	HN	89	308	ES		1615	0.216	0.10							1.0
SRN	HZ	89	308	IAML		1615	3.741		10	0.2					
KEK	HZ	95	293	EP		1614	8.430	-0.09							1.0
KEK	HN	95	293	ES		1615	1.663	-0.26							1.0
KEK	HZ	95	293	IAML		1615	4.384		20	0.3					
THL	HZ	104	79	EP		1615	0.469	0.36							1.0
THL	HN	104	79	ES		1615	4.221	-0.57							1.0
NEST	HZ	115	10	EP		1615	2.046	0.06							1.0
NEST	HN	115	10	ES		1615	6.849	-1.35							1.0
NEST	HZ	115	10	IAML		1615	5.066		7	0.6					
AL06AHZ	120	311	EP		1615	4.541	1.90								1.0
AL06AHN	120	311	ES		1615	8.140	-1.24								1.0
VLS	HZ	136	189	EP		1615	5.729	0.34							1.0
VLS	HN	136	189	ES		1615	3.845	-0.52							1.0

May 6 2023 Hour: 19:31 42.1 Lat: 40.15N Lon: 20.14E D: 7.8 Ag: TIR Local  
Magnitudes: 0.5ML TIR 2.0MW TIR Rms: 0.7 secs  
8 km N of Gjirokaster

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TPE	HZ	19	326	EP		1931	5.802	-0.01							1.0
TPE	HN	19	326	ES		1931	9.385	0.59							1.0
TPE	HZ	19	326	IAML		1931	1.286		5	0.1					
SRN	HZ	33	202	EP		1931	8.285	0.15							1.0
SRN	HN	33	202	ES		1931	3.270	0.27							1.0
SRN	HZ	33	202	IAML		1931	5.126		1	0.2					
AL06AHZ	33	258	EP		1931	7.797	-0.48								1.0
AL06AHN	33	258	ES		1931	3.096	-0.14								1.0
LSK	HZ	39	90	EP		1931	8.454	-0.83							1.0
LSK	HN	39	90	ES		1931	4.705	-0.37							1.0
LSK	HZ	39	90	IAML		1931	6.029		2	0.3					
KEK	HZ	57	211	EP		1931	3.300	0.88							1.0
KEK	HN	57	211	ES		1931	9.119	-1.63							1.0



KEK	HZ	57	211	IAML	1932	1.406			8	0.5				
IGT	HZ	71	167	EP	1931	5.497	0.61							1.0
IGT	HN	71	167	ES	1932	6.169	0.96							1.0
IGT	HZ	71	167	IAML	1932	8.671		0.90	0.3					
KKS	HZ	214	6	IP	4A	1932	7.980	0.69						0.0

**May 7 2023 Hour: 0:21 51.8 Lat: 39.49N Lon: 19.81E D: 9.1 Ag: TIR Local**  
**Magnitudes: 3.2ML TIR 3.4MW TIR Rms: 0.6 secs**  
**36 km SW of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KEK	HZ	25	357	EP		0021	6.538	-0.00							1.0
KEK	HE	25	357	ES		0021	9.914	-0.45							1.0
KEK	HZ	25	357	IAML		0022	2.656			3570	0.2				
IGT	HZ	45	84	EP		0021	9.596	-0.44							1.0
IGT	HN	45	84	ES		0022	6.703	0.00							1.0
IGT	HZ	45	84	IAML		0022	2.046			935	0.4				
SRN	HZ	46	21	EP		0022	0.007	-0.22							1.0
SRN	HE	46	21	ES		0022	7.514	0.48							1.0
SRN	HZ	46	21	IAML		0022	1.171			1983	0.5				
AL06AHZ	67	356	EP			0022	3.245	-0.51							1.0
AL06AHE	67	356	ES			0022	3.735	0.31							1.0
TPE	HZ	91	11	EP		0022	7.248	-0.58							1.0
TPE	HE	91	11	ES		0022	1.660	0.87							1.0
TPE	HZ	91	11	IAML		0022	7.737			262	0.3				
JAN	HZ	91	78	EP		0022	7.495	-0.39							1.0
LSK	HZ	100	42	EP		0022	8.679	-0.61							1.0
LSK	HN	100	42	ES		0022	3.200	-0.25							1.0
LSK	HZ	100	42	IAML		0022	0.944			361	0.6				
VLO	HZ	112	346	EP		0022	1.865	0.56							1.0
VLO	HN	112	346	ES		0022	6.844	-0.24							1.0
VLO	HZ	112	346	IAML		0022	5.267			287	0.2				
SCTE	HZ	132	300	EP		0022	5.166	0.51							1.0
SCTE	HE	132	300	ES		0022	2.378	-0.78							1.0
BERA	HZ	135	5	EP		0022	5.506	0.33							1.0
BERA	HN	135	5	ES		0022	4.185	0.10							1.0
BERA	HZ	135	5	IAML		0022	7.677			201	0.4				
BPA2	HZ	139	353	EP		0022	7.184	1.43							1.0
BPA2	HE	139	353	ES		0022	4.786	-0.35							1.0
AL05AHZ	144	20	EP			0022	6.750	0.12							1.0
AL05AHE	144	20	ES			0022	5.488	-1.23							1.0
NEST	HZ	147	45	EP		0022	8.195	0.92							1.0
NEST	HN	147	45	ES		0022	7.347	-0.54							1.0
NEST	HZ	147	45	IAML		0022	4.293			117	0.3				
KBN	HZ	151	33	EP		0022	8.231	0.39							1.0
KBN	HE	151	33	ES		0022	8.772	-0.15							1.0
KBN	HZ	151	33	IAML		0022	8.878			116	0.8				
VLS	HZ	161	155	EP		0022	8.604	-0.85							0.9
VLS	HN	161	155	ES		0022	1.987	0.15							0.9
AL07AHZ	173	25	EP			0022	2.802	1.27							0.9
AL07AHN	173	25	ES			0022	5.217	-0.39							0.9
AL08AHZ	181	8	EP			0022	3.802	1.28							0.9
AL08AHN	181	8	ES			0022	7.170	-0.22							0.9
THL	HZ	190	87	EP		0022	4.516	0.91							0.9
THL	HN	190	87	ES		0022	0.031	0.68							0.9
KZN	HZ	191	61	EP		0022	4.587	0.76							0.9
KZN	HN	191	61	ES		0022	9.221	-0.52							0.9
TIR	HZ	206	1	EP		0022	5.906	0.15							0.9
TIR	HZ	206	1	IAML		0023	4.168			25	0.2				
AL02AHZ	216	351	EP			0022	6.873	-0.09							0.9
PUK	HZ	284	1	EP		0022	4.479	-1.27							0.8
PUK	HZ	284	1	IAML		0023	2.441			12	0.5				
KKS	HZ	291	10	EP		0022	6.389	-0.27							0.8
PRZK	HZ	312	14	EP		0022	9.644	0.21							0.8
ITM	HZ	316	144	EP		0022	8.940	-0.94							0.8

BCI HZ 320 4 EP 0022 9.898-0.50 0.8

May 7 2023 Hour: 1:55 12.9 Lat: 39.42N Lon: 20.68E D: 9.4 Ag: TIR Local  
Magnitudes: 2.5ML TIR 3.2MW TIR Rms: 0.5 secs

49 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JAN	HZ	30	30	EP		0155	8.060	-0.49							1.0
JAN	HN	30	30	ES		0155	3.173	0.09							1.0
IGT	HZ	32	292	EP		0155	8.562	-0.36							1.0
IGT	HN	32	292	ES		0155	4.238	0.47							1.0
IGT	HZ	32	292	IAML		0155	7.570			293	0.4				1.0
SRN	HZ	77	311	EP		0155	6.626	0.03							1.0
SRN	HE	77	311	ES		0155	6.741	-0.90							1.0
SRN	HZ	77	311	IAML		0155	2.639			89	0.6				1.0
LSK	HZ	81	355	EP		0155	6.914	-0.36							1.0
LSK	HE	81	355	ES		0155	9.107	0.22							1.0
LSK	HZ	81	355	IAML		0155	4.616			93	0.7				1.0
KEK	HZ	82	293	EP		0155	7.491	0.05							1.0
KEK	HN	82	293	ES		0155	9.581	0.40							1.0
KEK	HZ	82	293	IAML		0155	5.881			137	0.4				1.0
NEST	HZ	114	16	EP		0155	2.479	-0.41							1.0
NEST	HE	114	16	ES		0155	9.834	0.80							1.0
NEST	HZ	114	16	IAML		0156	1.221			40	0.7				1.0
THL	HZ	116	82	EP		0155	3.198	0.10							1.0
THL	HN	116	82	ES		0155	9.082	-0.34							1.0
KBN	HZ	133	4	EP		0155	6.738	0.69							1.0
KBN	HE	133	4	ES		0155	5.102	0.35							1.0
KBN	HZ	133	4	IAML		0156	2.156			21	0.6				1.0
KZN	HZ	135	43	EP		0155	6.133	-0.25							1.0
VLS	HZ	139	183	EP		0155	7.452	0.56							1.0
VLS	HE	139	183	ES		0155	6.538	0.25							1.0
SCTE	HZ	203	291	EP		0155	5.487	-0.88							0.9
PLG	HZ	259	65	EP		0155	3.563	-0.08							0.9

May 7 2023 Hour: 2:45 33.3 Lat: 39.49N Lon: 19.81E D: 13.3 Ag: TIR Local  
Magnitudes: 1.6ML TIR 2.4MW TIR Rms: 0.3 secs

37 km SW of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KEK	HZ	25	358	EP		0245	8.079	-0.26							1.0
KEK	HE	25	358	ES		0245	2.582	0.16							1.0
KEK	HZ	25	358	IAML		0245	4.215			88	0.2				1.0
IGT	HZ	45	83	EP		0245	1.098	-0.49							1.0
IGT	HE	45	83	ES		0245	8.539	0.22							1.0
IGT	HZ	45	83	IAML		0245	0.975			20	0.2				1.0
SRN	HZ	47	21	EP		0245	1.455	-0.35							1.0
SRN	HE	47	21	ES		0245	8.904	0.21							1.0
SRN	HZ	47	21	IAML		0245	2.438			52	0.5				1.0
TPE	HZ	92	11	EP		0245	8.943	-0.32							1.0
TPE	HN	92	11	ES		0246	1.982	-0.22							1.0
TPE	HZ	92	11	IAML		0246	9.779			9	0.3				1.0
LSK	HZ	100	42	EP		0245	1.144	0.42							1.0
LSK	HE	100	42	ES		0246	4.718	-0.13							1.0
LSK	HZ	100	42	IAML		0246	2.168			7	0.5				1.0
SCTE	HZ	132	300	EP		0245	6.689	0.66							1.0
SCTE	HE	132	300	ES		0246	4.208	-0.24							1.0
BERA	HZ	136	5	EP		0245	6.361	-0.25							1.0
BERA	HN	136	5	ES		0246	5.718	0.23							1.0
NEST	HZ	148	45	EP		0245	9.126	0.42							1.0

May 7 2023 Hour: 5:52 29.0 Lat: 40.01N Lon: 20.57E D: 9.9 Ag: TIR Local  
 Magnitudes: 2.1ML TIR 2.7MW TIR Rms: 0.3 secs  
 26 km E of Libohove

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	15	10	EP		0552	2.429	0.08							1.0
LSK	HN	15	10	ES		0552	4.769	-0.28							1.0
LSK	HZ	15	10	IAML		0552	8.807			127	0.2				
SRN	HZ	51	253	EP		0552	8.570	0.29							1.0
SRN	HE	51	253	ES		0552	6.101	0.33							1.0
SRN	HZ	51	253	IAML		0552	7.966			57	0.2				
TPE	HZ	56	303	EP		0552	9.205	-0.02							1.0
TPE	HE	56	303	ES		0552	7.683	0.20							1.0
TPE	HZ	56	303	IAML		0552	1.548			66	0.3				
IGT	HZ	57	201	EP		0552	9.119	-0.26							1.0
IGT	HN	57	201	ES		0552	7.648	-0.11							1.0
IGT	HZ	57	201	IAML		0552	2.321			29	0.3				
NEST	HZ	60	43	EP		0552	0.163	0.25							1.0
NEST	HE	60	43	ES		0552	9.161	0.42							1.0
NEST	HZ	60	43	IAML		0552	5.042			26	0.4				
AL06AHZ	70	277	EP		0552	1.345	-0.08								1.0
AL06AHN	70	277	ES		0552	1.693	0.22								1.0
KEK	HZ	74	243	EP		0552	2.699	0.55							1.0
KEK	HE	74	243	ES		0552	2.289	-0.49							1.0
KEK	HZ	74	243	IAML		0552	7.491			47	0.5				
AL05AHZ	78	349	EP		0552	2.423	-0.43								1.0
AL05AHE	78	349	ES		0552	4.096	0.05								1.0
BERA	HZ	93	326	EP		0552	4.499	-0.76							1.0
BERA	HZ	93	326	IAML		0553	3.870			25	0.4				
THL	HZ	134	112	EP		0552	2.313	0.25							1.0
THL	HN	134	112	ES		0553	0.505	-0.22							1.0

May 7 2023 Hour: 13:27 26.2 Lat: 40.00N Lon: 19.72E D: 3.0 Ag: TIR Local  
 Magnitudes: 2.2ML TIR 2.8MW TIR Rms: 0.4 secs  
 11 km S of Himare

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL06AHZ	10	17	EP		1327	8.435	0.31								1.0
AL06AHN	10	17	ES		1327	9.852	0.16								1.0
SRN	HZ	27	119	EP		1327	1.107	0.04							1.0
SRN	HN	27	119	ES		1327	4.591	-0.42							1.0
SRN	HZ	27	119	IAML		1327	6.058			183	0.2				
KEK	HZ	32	169	EP		1327	2.379	0.37							1.0
KEK	HN	32	169	ES		1327	7.082	0.35							1.0
KEK	HZ	32	169	IAML		1327	2.308			135	0.4				
TPE	HZ	41	37	EP		1327	3.342	-0.21							1.0
TPE	HE	41	37	ES		1327	9.240	-0.29							1.0
TPE	HZ	41	37	IAML		1327	4.927			132	0.3				
IGT	HZ	74	135	EP		1327	9.061	-0.27							1.0
IGT	HE	74	135	ES		1327	0.095	0.11							1.0
IGT	HZ	74	135	IAML	A	1327	5.957			40	0.4				
LSK	HZ	77	77	EP		1327	9.326	-0.54							1.0
LSK	HN	77	77	ES		1327	0.981	0.03							1.0
LSK	HZ	77	77	IAML		1327	8.637			50	0.7				
BERA	HZ	80	14	EP		1327	9.990	-0.56							1.0
BERA	HN	80	14	ES		1327	2.722	0.53							1.0
BERA	HZ	80	14	IAML		1327	8.082			48	0.4				
AL05AHZ	97	36	EP		1327	3.453	-0.02								1.0
SCTE	HZ	107	275	EP		1327	5.792	0.47							1.0
KBN	HZ	114	52	EP		1327	6.477	0.03							1.0
KBN	HE	114	52	ES		1328	3.179	0.33							1.0
KBN	HZ	114	52	IAML		1328	1.081			14	0.4				
NEST	HZ	122	67	EP		1327	7.706	-0.08							1.0
NEST	HN	122	67	ES		1328	6.067	0.79							1.0
NEST	HZ	122	67	IAML		1328	0.301			20	0.6				

AL08AHZ	127	15	EP		1327	8.366	-0.20									1.0
THL	HZ	202	103	EP		1328	0.596	0.27								0.9
VLS	HZ	216	159	EP		1328	1.637	-0.47								0.9
PUK	HZ	227	4	EP		1328	2.747	-0.92								0.9

**May 7 2023 Hour: 17:12 44.1 Lat: 39.59N Lon: 20.59E D: 8.1 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR 2.5MW TIR Rms: 0.6 secs**

**35 km E of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	23	254	EP		1712	8.144	-0.29							1.0
IGT	HN	23	254	ES		1712	2.349	0.41							1.0
SRN	HZ	60	303	EP		1712	4.181	-0.68							1.0
SRN	HN	60	303	ES		1713	4.048	0.48							1.0
SRN	HZ	60	303	IAML		1713	5.546			13	0.2				
LSK	HZ	62	1	EP		1712	5.088	-0.24							1.0
LSK	HN	62	1	ES		1713	4.514	0.10							1.0
LSK	HZ	62	1	IAML		1713	1.784			26	0.7				
KEK	HZ	69	282	EP		1712	5.473	-1.04							1.0
KEK	HN	69	282	ES		1713	7.428	0.87							1.0
KEK	HZ	69	282	IAML		1713	3.997			21	0.7				
AL06AHZ		90	308	EP		1712	9.941	-0.07							1.0
AL06AHN		90	308	ES		1713	2.144	-0.74							1.0
TPE	HZ	92	328	EP		1712	9.792	-0.59							1.0
NEST	HZ	100	23	EP		1713	1.140	-0.55							1.0
NEST	HZ	100	23	IAML		1713	2.327			8	0.2				
THL	HZ	123	91	EP		1713	6.245	0.78							1.0
BERA	HZ	135	336	EP		1713	8.603	1.10							1.0
BERA	HN	135	336	ES		1713	7.036	0.59							1.0
BERA	HZ	135	336	IAML		1713	1.269			11	0.3				

**May 8 2023 Hour: 2:20 38.7 Lat: 38.71N Lon: 21.28E D: 7.9 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR 2.7MW TIR Rms: 0.3 secs**

**142 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	84	226	EP		0220	3.301	-0.38							1.0
VLS	HN	84	226	ES		0221	5.763	-0.07							1.0
THL	HZ	114	33	EP		0220	8.058	-0.58							1.0
THL	HN	114	33	ES		0221	4.663	-0.14							1.0
KEK	HZ	170	312	EP		0221	8.193	0.23							0.9
KEK	HN	170	312	ES		0221	1.309	-0.36							0.9
SRN	HZ	171	320	EP		0221	8.550	0.47							0.9
SRN	HN	171	320	ES		0221	1.629	-0.27							0.9
SRN	HZ	171	320	IAML		0221	4.591			1	0.1				
LSK	HZ	171	340	EP		0221	8.609	0.50							0.9
LSK	HN	171	340	ES		0221	1.992	0.05							0.9
LSK	HZ	171	340	IAML		0221	5.544			5	0.9				
ITM	HZ	179	161	EP		0221	9.405	0.14							0.9
ITM	HN	179	161	ES		0221	4.112	0.07							0.9
NEST	HZ	191	354	EP		0221	1.281	0.40							0.9
NEST	HE	191	354	ES		0221	6.903	-0.06							0.9
NEST	HZ	191	354	IAML		0221	3.609			3	0.8				
AL06AHZ		202	320	EP		0221	2.408	0.18							0.9

**May 8 2023 Hour: 2:39 52.8 Lat: 38.64N Lon: 21.39E D: 11.1 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR 2.8MW TIR Rms: 0.7 secs**

**153 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	86	234	EP		0240	7.758	-0.13							1.0
VLS	HN	86	234	ES		0240	9.738	-0.41							1.0
THL	HZ	116	28	EP		0240	3.347	0.53							1.0
THL	HN	116	28	ES		0240	7.606	-1.45							1.0
LSK	HZ	181	338	EP		0240	3.402	0.14							0.9
LSK	HN	181	338	ES		0240	9.304	1.34							0.9
LSK	HZ	181	338	IAML		0240	1.851			5	0.6				

SRN	HN	182	319	ES	0240	7.462-0.64											0.9
KEK	HZ	182	311	EP	0240	3.312 0.03											0.9
KEK	HN	182	311	ES	0240	7.405-0.60											0.9
SRN	HZ	182	319	EP	0240	3.497 0.16											0.9
SRN	HZ	182	319	IAML	0240	0.679				2	0.7						
KEK	HZ	182	311	IAML	0240	9.642				5	0.5						
NEST	HZ	199	352	EP	0240	6.804 1.18											0.9
NEST	HN	199	352	ES	0240	2.215-0.03											0.9
NEST	HZ	199	352	IAML	0240	9.072				3	0.7						
AL06AHZ	213	319	EP	0240	7.656 0.31												0.9
AL06AHN	213	319	ES	0240	5.156-0.20												0.9

May 8 2023 Hour: 2:44 34.4 Lat: 38.71N Lon: 21.30E D: 15.0F Ag: TIR Local  
Magnitudes: 3.0ML TIR 3.5MW TIR Rms: 0.9 secs  
142 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
VLS	HZ	86	227	EP		0244	9.802	0.01							1.0	
VLS	HN	86	227	ES		0245	1.998-0.23								1.0	
THL	HZ	113	33	EP		0244	4.629 0.02								1.0	
THL	HN	113	33	ES		0245	0.395-0.55								1.0	
KEK	HZ	171	311	EP		0245	4.393 0.04								0.9	
KEK	HZ	171	311	IAML		0245	2.440			93	0.2					
LSK	HN	171	339	ES		0245	9.933 1.32								0.9	
KEK	HN	171	311	ES		0245	6.336-2.25								0.9	
LSK	HZ	171	339	EP		0245	4.229-0.14								0.9	
LSK	HZ	171	339	IAML		0245	2.708			100	1.0					
SRN	HZ	172	320	EP		0245	4.971 0.53								0.9	
SRN	HE	172	320	ES		0245	7.642-1.10								0.9	
SRN	HZ	172	320	IAML		0245	5.227			28	0.6					
ITM	HZ	179	162	EP		0245	5.448-0.22								0.9	
ITM	HN	179	162	ES		0245	1.420 0.46								0.9	
KZN	HZ	182	13	EP		0245	5.702-0.47								0.9	
KZN	HN	182	13	ES		0245	1.349-0.53								0.9	
NEST	HZ	190	354	EP		0245	8.226 0.66								0.9	
NEST	HN	190	354	ES		0245	5.423 1.02								0.9	
NEST	HZ	190	354	IAML		0245	1.459			70	0.7					
AL06AHZ	203	319	EP	0245	9.083 0.04										0.9	
AL06AHN	203	319	ES	0245	6.202-0.86										0.9	
TPE	HZ	208	328	EP		0245	0.116 0.42								0.9	
TPE	HN	208	328	ES		0245	9.181 0.93								0.9	
TPE	HZ	208	328	IAML		0245	5.904			53	0.6					
KBN	HZ	217	348	EP		0245	1.361 0.43								0.9	
KBN	HN	217	348	ES		0245	0.818 0.32								0.9	
KBN	HZ	217	348	IAML		0245	9.334			27	0.5					
AL05AHZ	235	341	EP	0245	4.466 1.27										0.9	
BERA	HZ	250	333	EP		0245	5.105 0.05								0.9	
BERA	HN	250	333	ES		0245	9.411 1.46								0.9	
BERA	HZ	250	333	IAML		0245	9.448			32	0.4					
PLG	HZ	261	44	EP		0245	4.751-1.77								0.9	
AL03AHZ	339	341	EP	0245	6.206-0.39										0.8	
LACI	HZ	352	338	EP		0245	0.207 2.07								0.8	
LACI	HZ	352	338	IAML		0246	9.071			7	1.4					
NVR	HZ	365	36	EP		0245	8.820-1.15								0.8	
PUK	HZ	389	343	EP		0245	2.305-0.69								0.7	
PUK	HZ	389	343	IAML		0246	8.385			4	0.1					
BCI	HZ	419	346	EP		0245	6.018-0.82								0.7	

May 8 2023 Hour: 8:44 53.8 Lat: 38.79N Lon: 21.21E D: 12.1 Ag: TIR Local  
Magnitudes: 2.3ML TIR Rms: 0.4 secs  
131 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	87	219	EP		0845	9.692 0.68								1.0
VLS	HN	87	219	ES		0845	0.742-0.57								1.0
THL	HZ	111	39	EP		0845	3.503 0.48								1.0

THL	HE	111	39	ES		0845	8.160	-0.40									1.0
KEK	HZ	159	311	EP		0845	1.340	0.23									0.9
KEK	HE	159	311	ES		0845	3.406	0.20									0.9
KEK	HZ	159	311	IAML		0845	7.020		17	0.6							
LSK	HN	160	341	ES		0845	2.906	-0.62									0.9
SRN	HZ	160	320	EP		0845	0.861	-0.33									0.9
LSK	HZ	160	341	EP		0845	1.486	0.20									0.9
LSK	HZ	160	341	IAML		0845	8.346		16	0.7							
NEST	HZ	181	356	EP		0845	4.229	-0.08									0.9
NEST	HE	181	356	ES		0845	9.277	0.28									0.9
NEST	HZ	181	356	IAML		0846	0.227		10	0.5							
ITM	HZ	189	160	EP		0845	5.723	0.45									0.9
ITM	HE	189	160	ES		0845	0.228	-0.51									0.9

**May 8 2023 Hour: 9:24 52.5 Lat: 38.71N Lon: 21.32E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.7ML TIR Rms: 0.3 secs**  
**143 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	87	227	EP		0925	7.497	-0.16							1.0
VLS	HN	87	227	ES		0925	9.749	-0.19							1.0
THL	HZ	113	32	EP		0925	2.288	0.34							1.0
THL	HN	113	32	ES		0925	7.236	-0.48							1.0
KEK	HZ	172	311	EP		0925	1.753	-0.05							0.9
LSK	HZ	172	339	IAML		0925	7.136		43	0.9					
KEK	HE	172	311	ES		0925	5.764	0.21							0.9
LSK	HZ	172	339	EP		0925	1.632	-0.18							0.9
LSK	HE	172	339	ES		0925	5.160	-0.41							0.9
SRN	HZ	173	319	EP		0925	2.024	0.19							0.9
ITM	HZ	178	162	EP		0925	3.007	0.42							0.9
ITM	HE	178	162	ES		0925	6.701	-0.27							0.9
NEST	HZ	191	353	EP		0925	5.077	0.78							0.9
NEST	HE	191	353	ES		0925	9.942	-0.12							0.9
NEST	HZ	191	353	IAML		0925	9.221		23	1.0					

**May 8 2023 Hour: 16:41 34.1 Lat: 41.54N Lon: 19.70E D: 6.4 Ag: TIR Local**  
**Magnitudes: 1.4ML TIR 2.1MW TIR Rms: 0.3 secs**  
**7 km W of Kruje**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LACI	HZ	11	6	EP		1641	6.372	-0.07							1.0
LACI	HN	11	6	ES		1641	8.436	0.11							1.0
LACI	HZ	11	6	IAML		1641	8.920		263	0.2					
TIR	HZ	25	147	EP		1641	8.417	-0.31							1.0
TIR	HE	25	147	ES		1641	2.580	0.13							1.0
TIR	HZ	25	147	IAML		1641	3.993		26	0.2					
AL03AHZ		26	74	EP		1641	8.550	-0.39							1.0
AL03AHE		26	74	ES		1641	2.882	0.03							1.0
PUK	HZ	58	16	EP		1641	5.247	0.60							1.0
PHP	HZ	64	75	EP		1641	5.516	-0.05							1.0
PHP	HE	64	75	ES		1641	4.771	-0.06							1.0
PHP	HZ	64	75	IAML		1641	8.530		10	0.3					
AL01AHZ		91	352	EP		1641	9.833	-0.52							1.0
AL01AHN		91	352	ES		1642	3.584	0.09							1.0
NEST	HZ	168	137	EP		1642	3.725	0.48							0.9

**May 8 2023 Hour: 22:30 58.5 Lat: 41.27N Lon: 20.29E D: 21.5 Ag: TIR Local**  
**Magnitudes: 1.0ML TIR 2.3MW TIR Rms: 0.8 secs**  
**9 km N of Librazhd**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL08AHZ		24	220	EP		2231	4.151	0.06							1.0
AL08AHE		24	220	ES		2231	9.063	0.42							1.0
TIR	HZ	37	284	EP		2231	5.647	-0.15							1.0
TIR	HN	37	284	ES		2231	1.190	-0.54							1.0
TIR	HZ	37	284	IAML		2231	2.580		6	0.1					
AL03AHZ		44	327	EP		2231	6.588	-0.31							1.0

AL03AHE	44	327	ES	2231	3.755	0.03											1.0
PHP HZ	48	15	EP	2231	0.011	2.49											1.0
PHP HN	48	15	ES	2231	3.668	-1.19											1.0
PHP HZ	48	15	IAML	2231	5.478				6	0.1							
LACI HZ	63	311	EP	2231	9.232	-0.63											1.0
LACI HN	63	311	ES	2231	8.700	-0.38											1.0
LACI HZ	63	311	IAML	2231	9.874				5	0.4							
AL05AHZ	64	172	EP	2231	9.625	-0.41											1.0
AL05AHE	64	172	ES	2231	9.362	-0.03											1.0
BERA HZ	69	204	EP	2231	1.814	0.87											1.0
BERA HE	69	204	ES	2231	1.093	0.04											1.0
BERA HZ	69	204	IAML	2231	3.111				2								
PUK HZ	92	339	EP	2231	4.686	0.01											1.0
PUK HN	92	339	ES	2231	7.831	0.03											1.0
PUK HZ	92	339	IAML	2231	1.647				2	0.6							
SDA HZ	109	323	EP	2231	7.644	0.35											1.0
SDA HN	109	323	ES	2231	2.914	0.38											1.0
SDA HZ	109	323	IAML	2231	5.703				1	0.3							
NEST HZ	115	146	EP	2231	8.992	0.65											1.0
NEST HN	115	146	ES	2231	3.243	-1.20											1.0
NEST HZ	115	146	IAML	2231	0.117				3	0.5							
AL01AHZ	134	333	EP	2231	0.510	-0.92											1.0
AL01AHN	134	333	ES	2231	0.436	0.40											1.0

May 9 2023 Hour: 1:36 26.3 Lat: 39.24N Lon: 20.48E D: 5.0F Ag: TIR Local  
Magnitudes: 1.6ML TIR 2.3MW TIR Rms: 0.7 secs

53 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT HZ		35	338	EP		0136	1.396	-1.16							1.0
IGT HE		35	338	ES		0136	7.454	-0.19							1.0
IGT HZ		35	338	IAML		0136	0.126			30	0.4				
LKD2 HZ		53	163	EP		0136	5.275	-0.45							1.0
LKD2 HE		53	163	ES		0136	3.418	0.05							1.0
KEK HZ		79	312	EP		0136	9.559	-0.81							1.0
KEK HE		79	312	ES		0136	2.311	0.52							1.0
KEK HZ		79	312	IAML		0136	7.858			14	0.7				
SRN HZ		82	330	EP		0136	0.121	-0.84							1.0
SRN HE		82	330	ES		0136	2.883	0.03							1.0
SRN HZ		82	330	IAML		0137	0.470			4	0.6				
LSK HZ		101	6	EP		0136	3.506	-0.80							1.0
LSK HN		101	6	ES		0136	9.046	0.13							1.0
LSK HZ		101	6	IAML		0137	7.744			5	0.9				
AL06AHZ		113	327	EP		0136	7.393	1.22							1.0
AL06AHN		113	327	ES		0137	2.755	0.48							1.0
VLS HZ		119	175	EP		0136	7.495	0.33							1.0
VLS HE		119	175	ES		0137	4.699	0.62							1.0
TPE HZ		124	341	EP		0136	8.247	0.27							1.0
TPE HN		124	341	ES		0137	6.477	0.93							1.0
TPE HZ		124	341	IAML		0137	1.297			5	0.9				
NEST HZ		139	20	EP		0136	1.010	0.42							1.0
NEST HN		139	20	ES		0137	0.949	0.67							1.0
NEST HZ		139	20	IAML		0137	5.072			4	0.9				
BERA HZ		168	344	EP		0136	4.047	-1.41							0.9
BERA HZ		168	344	IAML		0137	2.786			3	1.0				

May 9 2023 Hour: 3:4 12.5 Lat: 39.38N Lon: 20.79E D: 8.5 Ag: TIR Local  
Magnitudes: 1.6ML TIR 2.3MW TIR Rms: 0.8 secs

60 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JAN HZ		31	10	EP		0304	8.157	-0.13							1.0
JAN HN		31	10	ES		0304	2.435	-0.56							1.0
IGT HZ		43	294	EP		0304	0.069	-0.18							1.0
IGT HN		43	294	ES		0304	6.651	0.10							1.0
IGT HZ		43	294	IAML		0304	7.400			19	0.2				

LKD2	HZ	67	190	EP	0304	4.963	0.53										1.0
LKD2	HN	67	190	ES	0304	4.475	0.34										1.0
LSK	HZ	87	349	EP	0304	7.297	-0.61										1.0
LSK	HN	87	349	ES	0304	1.028	0.62										1.0
LSK	HZ	87	349	IAML	0304	5.512				10	0.5						
SRN	HZ	88	310	EP	0304	8.380	0.47										1.0
SRN	HN	88	310	ES	0304	0.874	0.45										1.0
SRN	HZ	88	310	IAML	0304	2.429				5	0.2						
KEK	HZ	93	294	EP	0304	9.490	0.69										1.0
KEK	HN	93	294	ES	0304	2.446	0.42										1.0
KEK	HZ	93	294	IAML	0304	6.360				11	0.2						
NEST	HZ	117	11	EP	0304	2.823	-0.09										1.0
NEST	HN	117	11	ES	0304	0.094	0.61										1.0
NEST	HZ	117	11	IAML	0304	4.353				5	0.3						
AL06AHZ		118	312	EP	0304	3.394	0.34										1.0
AL06AHN		118	312	ES	0304	8.672	-1.06										1.0
VLS	HZ	135	187	EP	0304	5.676	-0.09										1.0
VLS	HN	135	187	ES	0304	3.270	-1.38										1.0
AL05AHZ		151	347	EP	0304	9.631	1.09										1.0
BERA	HZ	163	334	EP	0304	1.145	0.57										0.9
BERA	HN	163	334	ES	0305	1.011	-2.33										0.9
BERA	HZ	163	334	IAML	0305	8.084				3	0.5						

May 9 2023 Hour: 3:23 46.6 Lat: 41.03N Lon: 19.43E D: 3.1 Ag: TIR Local  
Magnitudes: 2.2ML TIR 2.8MW TIR Rms: 0.5 secs

9 km NW of Divjake

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
BPA2	HZ	37	154	EP		0323	2.594	-0.70							1.0	
BPA2	HE	37	154	ES		0323	8.936	0.22							1.0	
TIR	HZ	51	46	EP		0323	5.972	0.29							1.0	
TIR	HN	51	46	ES		0324	3.453	0.43							1.0	
TIR	HZ	51	46	IAML		0324	0.679			70	0.6					
AL08AHN		57	82	ES		0324	5.891	0.73							1.0	
BERA	HZ	57	130	EP		0323	5.987	-0.87							1.0	
BERA	HN	57	130	ES		0324	5.483	0.33							1.0	
BERA	HZ	57	130	IAML		0324	4.901			87	0.5					
AL08AHZ		57	82	EP		0323	5.835	-1.02							1.0	
VLO	HZ	63	175	EP		0323	8.595	0.73							1.0	
VLO	HE	63	175	ES		0324	7.289	0.30							1.0	
VLO	HZ	63	175	IAML		0324	2.521			111	0.1					
LACI	HZ	71	20	EP		0323	9.371	0.02							1.0	
LACI	HN	71	20	ES		0324	9.819	0.14							1.0	
LACI	HZ	71	20	IAML		0324	3.178			31	0.6					
AL03AHZ		79	37	EP		0323	9.897	-0.92							1.0	
AL03AHN		79	37	ES		0324	2.526	0.21							1.0	
AL05AHZ		89	114	EP		0324	0.938	-1.59							1.0	
AL05AHN		89	114	ES		0324	5.531	0.11							1.0	
TPE	HZ	96	149	EP		0324	4.015	0.27							1.0	
TPE	HN	96	149	ES		0324	8.010	0.38							1.0	
TPE	HZ	96	149	IAML		0324	6.233			51	0.6					
AL06AHZ		109	165	EP		0324	6.687	0.76							1.0	
AL06AHN		109	165	ES		0324	1.751	0.18							1.0	
PHP	HZ	111	49	EP		0324	5.842	-0.60							1.0	
PHP	HN	111	49	ES		0324	2.684	0.18							1.0	
PHP	HZ	111	49	IAML		0324	7.031			22	0.5					
SDA	HZ	113	3	EP		0324	7.012	0.34							1.0	
SDA	HN	113	3	ES		0324	3.057	0.13							1.0	
SDA	HZ	113	3	IAML		0324	8.447			6	0.6					
PUK	HZ	119	19	EP		0324	7.696	0.04							1.0	
PUK	HN	119	19	ES		0324	5.234	0.54							1.0	
PUK	HZ	119	19	IAML		0324	1.213			19	0.4					
KBN	HZ	123	111	EP		0324	8.753	0.32							1.0	
KBN	HN	123	111	ES		0324	5.856	-0.26							1.0	
KBN	HZ	123	111	IAML		0324	3.074			16	0.6					



SCTE	HZ	134	218	EP	0324	0.458	0.27							1.0
SCTE	HN	134	218	ES	0324	9.401	0.11							1.0
SRN	HZ	137	159	EP	0324	0.909	0.26							1.0
SRN	HN	137	159	ES	0324	0.124	0.00							1.0
SRN	HZ	137	159	IAML	0324	3.257		14	0.6					
LSK	HZ	139	134	EP	0324	1.241	0.11							1.0
LSK	HN	139	134	ES	0324	1.267	0.28							1.0
LSK	HZ	139	134	IAML	0324	1.661		35	0.6					
KKS	HZ	141	35	EP	0324	1.552	0.17							1.0
KKS	HN	141	35	ES	0324	1.702	0.26							1.0
AL01AHZ		146	4	EP	0324	2.346	0.08							1.0
AL01AHN		146	4	ES	0324	3.195	0.15							1.0
KEK	HZ	150	168	EP	0324	2.467	-0.36							1.0
KEK	HN	150	168	ES	0324	4.012	-0.05							1.0
KEK	HZ	150	168	IAML	0324	1.006		22	0.9					
NEST	HZ	153	116	EP	0324	3.445	0.02							1.0
NEST	HN	153	116	ES	0324	5.346	0.20							1.0
NEST	HZ	153	116	IAML	0324	0.463		14	0.5					
PDG	HZ	156	355	EP	0324	3.312	-0.47							1.0
PDG	HN	156	355	ES	0324	5.954	0.17							1.0
PDG	HZ	156	355	IAML	0324	7.220		30	0.5					
BCI	HZ	157	20	EP	0324	4.496	0.41							1.0
BCI	HN	157	20	ES	0324	6.522	0.18							1.0
BCI	HZ	157	20	IAML	0324	2.976		31	0.6					
PRZK	HZ	171	40	EP	0324	5.870	-0.58							0.9
PRZK	HN	171	40	ES	0324	0.812	0.20							0.9
PVY	HZ	179	14	EP	0324	7.769	0.04							0.9
PVY	HN	179	14	ES	0324	2.932	-0.00							0.9
IGT	HZ	184	155	EP	0324	7.982	-0.41							0.9
IGT	HN	184	155	ES	0324	3.302	-0.83							0.9
IGT	HZ	184	155	IAML	0324	7.438		13	0.6					
NKME	HZ	197	349	EP	0324	8.436	-1.67							0.9
NKME	HE	197	349	ES	0324	6.962	-0.28							0.9
NOCI	HZ	201	263	EP	0324	0.517	-0.12							0.9
NOCI	HN	201	263	ES	0324	9.025	0.83							0.9
ME01AHZ		205	10	EP	0324	1.526	0.35							0.9
ME02AHZ		237	354	EP	0324	5.162	-0.25							0.9

May 9 2023 Hour: 22: 8 50.3 Lat: 39.42N Lon: 20.70E D: 28.4 Ag: TIR Local  
Magnitudes: 1.6ML TIR 2.0MW TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	34	291	EP		2208	7.930	0.07							1.0
IGT	HN	34	291	ES		2209	4.166	0.17							1.0
IGT	HZ	34	291	IAML		2209	5.074		20	0.2					
LKD2	HZ	71	183	EP		2209	3.463	0.33							1.0
LKD2	HN	71	183	ES		2209	3.890	0.35							1.0
SRN	HZ	79	310	EP		2209	4.324	-0.07							1.0
SRN	HN	79	310	ES		2209	5.095	-0.73							1.0
SRN	HZ	79	310	IAML		2209	6.363		7	0.2					
LSK	HZ	81	354	EP		2209	4.942	0.11							1.0
LSK	HN	81	354	ES		2209	7.223	0.60							1.0
LSK	HZ	81	354	IAML		2209	9.526		9	0.8					
KEK	HZ	84	293	EP		2209	5.059	-0.18							1.0
KEK	HE	84	293	ES		2209	6.989	-0.37							1.0
KEK	HZ	84	293	IAML		2209	9.396		16	0.3					
AL06AHZ		110	313	EP		2209	8.811	-0.41							1.0
THL	HZ	114	82	EP		2209	9.493	-0.35							1.0
NEST	HZ	114	15	EP		2209	0.348	0.38							1.0
NEST	HN	114	15	ES		2209	6.474	0.56							1.0
THL	HE	114	82	ES		2209	4.888	-0.80							1.0
SCTE	HZ	205	291	EP		2209	2.413	0.40							0.9

May 10 2023 Hour: 15:32 11.8 Lat: 40.33N Lon: 20.96E D: 10.0F Ag: TIR Local  
 Magnitudes: 1.7ML TIR 2.2MW TIR Rms: 0.5 secs  
 20 km E of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	12	39	EP		1532	4.193	0.29							1.0
NEST	HN	12	39	ES		1532	6.068	0.46							1.0
NEST	HZ	12	39	IAML		1532	6.900			414	0.2				
LSK	HZ	37	237	EP		1532	7.151	-1.23							1.0
LSK	HN	37	237	ES		1532	3.449	-0.28							1.0
LSK	HZ	37	237	IAML		1532	5.187			40	0.5				
AL05AHZ		64	311	EP		1532	3.074	-0.08							1.0
AL05AHN		64	311	ES		1532	2.103	-0.26							1.0
KZN	HZ	69	92	EP		1532	3.476	-0.61							1.0
KZN	HN	69	92	ES		1532	4.136	0.10							1.0
TPE	HZ	81	267	EP		1532	5.939	-0.23							1.0
SRN	HZ	96	239	EP		1532	9.160	0.21							1.0
SRN	HN	96	239	ES		1532	3.820	0.97							1.0
SRN	HZ	96	239	IAML		1532	0.412			4	0.5				
KEK	HZ	121	236	EP		1532	3.732	0.39							1.0
KEK	HN	121	236	ES		1532	1.089	0.29							1.0
KEK	HZ	121	236	IAML		1532	2.730			7	0.6				

May 11 2023 Hour: 2:20 56.1 Lat: 41.70N Lon: 19.46E D: 9.1 Ag: TIR Local  
 Magnitudes: 1.5ML TIR 2.1MW TIR Rms: 0.6 secs  
 17 km SW of Lezhe

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LACI	HZ	23	109	EP		0221	0.508	0.04							1.0
LACI	HN	23	109	ES		0221	4.011	0.01							1.0
LACI	HZ	23	109	IAML		0221	6.853			36	0.3				
SDA	HZ	39	5	EP		0221	2.976	-0.23							1.0
SDA	HE	39	5	ES		0221	9.759	0.80							1.0
SDA	HZ	39	5	IAML		0221	5.270			7	1.0				
AL03AHZ		47	104	EP		0221	4.140	-0.47							1.0
AL03AHN		47	104	ES		0221	1.711	0.22							1.0
AL03AHZ		47	104	IAML		0221	6.010				0.3				
TIR	HZ	52	139	EP		0221	5.452	-0.07							1.0
TIR	HN	52	139	ES		0221	2.573	-0.58							1.0
TIR	HZ	52	139	IAML		0221	6.545			9	2.3				
PUK	HZ	52	43	EP		0221	5.206	-0.37							1.0
PUK	HE	52	43	ES		0221	3.997	0.75							1.0
PUK	HZ	52	43	IAML		0221	4.510			9	0.5				
PHP	HZ	82	91	EP		0221	9.940	-0.65							1.0
PHP	HN	82	91	ES		0221	2.706	0.39							1.0
PHP	HZ	82	91	IAML		0221	7.483			16	3.1				
PDG	HZ	82	349	EP		0221	0.476	-0.20							1.0
PDG	HN	82	349	ES		0221	3.110	0.63							1.0
PDG	HZ	82	349	IAML		0221	0.539			9	0.6				
KKS	HZ	88	62	EP		0221	2.049	0.37							1.0
KKS	HN	88	62	ES		0221	3.404	-0.88							1.0
BCI	HZ	89	34	EP		0221	1.153	-0.69							1.0
BCI	HN	89	34	ES		0221	4.923	0.33							1.0
BCI	HZ	89	34	IAML		0221	2.607			14	2.6				
PVY	HZ	107	22	EP		0221	3.734	-1.17							1.0
PVY	HN	107	22	ES		0221	9.578	-0.54							1.0
BERA	HZ	118	160	EP		0221	7.054	0.38							1.0
BERA	HZ	118	160	IAML		0221	6.424			9	1.9				
BERA	HE	118	160	ES		0221	2.430	-0.90							1.0
PRZK	HZ	121	62	EP		0221	7.830	0.60							1.0
AL05AHZ		136	145	EP		0221	9.843	0.29							1.0
AL05AHE		136	145	ES		0221	0.103	1.55							1.0
NEST	HZ	196	136	EP		0221	9.359	0.57							0.9

May 11 2023 Hour: 7: 5 57.9 Lat: 42.32N Lon: 19.26E D: 25.0 Ag: TIR Local  
 Magnitudes: 1.8ML TIR 2.2MW TIR Rms: 0.3 secs

19 km NW of Koplík

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PDG	HZ	12	0	EP		0706	3.147	0.56							1.0
PDG	HN	12	0	ES		0706	6.263	-0.16							1.0
PDG	HZ	12	0	IAML		0706	6.960			149	0.1				
SDA	HZ	36	147	EP		0706	5.094	-0.32							1.0
SDA	HE	36	147	ES		0706	1.327	-0.20							1.0
SDA	HZ	36	147	IAML		0706	2.106			6	0.1				
NKME	HZ	55	333	EP		0706	8.815	0.54							1.0
NKME	HN	55	333	ES		0706	6.451	-0.26							1.0
PUK	HZ	61	121	EP		0706	9.657	0.49							1.0
PUK	HN	61	121	ES		0706	8.441	0.12							1.0
PUK	HZ	61	121	IAML		0706	0.693			19	0.2				
PVY	HZ	65	62	EP		0706	9.643	-0.16							1.0
PVY	HN	65	62	ES		0706	9.445	-0.04							1.0
BCI	HZ	67	86	EP		0706	0.223	0.19							1.0
BCI	HN	67	86	ES		0706	9.701	-0.18							1.0
BCI	HZ	67	86	IAML		0706	0.881			23	0.2				
LACI	HZ	85	153	EP		0706	3.026	0.12							1.0
LACI	HE	85	153	ES		0706	4.924	-0.18							1.0
LACI	HZ	85	153	IAML		0706	6.141			14	0.2				
ME02AHZ		93	353	EP		0706	3.954	-0.30							1.0
ME02AHE		93	353	ES		0706	7.586	0.05							1.0
KKS	HZ	98	106	EP		0706	4.690	-0.30							1.0
KKS	HE	98	106	ES		0706	8.750	-0.12							1.0
AL03AHZ		101	142	EP		0706	4.556	-0.89							1.0
AL03AHE		101	142	ES		0706	9.995	0.30							1.0
PHP	HZ	121	126	EP		0706	8.884	0.32							1.0
PHP	HE	121	126	ES		0706	5.768	0.43							1.0
PHP	HZ	121	126	IAML		0706	9.729			13	0.4				

May 11 2023 Hour: 18:13 54.9 Lat: 40.25N Lon: 19.74E D: 1.4 Ag: TIR Local  
 Magnitudes: 1.6ML TIR 2.0MW TIR Rms: 0.7 secs

16 km N of Himare

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL06AHZ		18	174	EP		1813	8.414	0.39							1.0
AL06AHN		18	174	ES		1814	2.231	1.63							1.0
TPE	HZ	24	77	EP		1813	9.230	0.01							1.0
TPE	HN	24	77	ES		1814	2.705	-0.05							1.0
TPE	HZ	24	77	IAML		1814	3.468			99	0.2				
SRN	HZ	47	151	EP		1814	2.921	-0.26							1.0
SRN	HN	47	151	ES		1814	9.695	-0.24							1.0
SRN	HZ	47	151	IAML		1814	2.565			16	0.5				
BERA	HZ	54	20	EP		1814	3.857	-0.59							1.0
BERA	HN	54	20	ES		1814	2.615	0.39							1.0
BERA	HZ	54	20	IAML		1814	5.345			16	0.3				
KEK	HZ	60	175	EP		1814	4.630	-0.87							1.0
KEK	HN	60	175	ES		1814	4.416	0.30							1.0
KEK	HZ	60	175	IAML		1814	5.130			20	1.4				
LSK	HZ	74	98	EP		1814	7.461	-0.67							1.0
LSK	HN	74	98	ES		1814	8.168	-0.71							1.0
LSK	HZ	74	98	IAML		1814	2.729			12	0.9				
AL05AHZ		75	47	EP		1814	8.410	0.09							1.0
AL05AHN		75	47	ES		1814	9.662	0.43							1.0
IGT	HZ	94	147	EP		1814	0.894	-0.82							1.0
IGT	HE	94	147	ES		1814	4.999	-0.36							1.0
IGT	HZ	94	147	IAML		1814	1.766			5	0.4				
NEST	HZ	113	80	EP		1814	5.017	-0.05							1.0
NEST	HN	113	80	ES		1814	2.851	1.42							1.0
NEST	HZ	113	80	IAML		1814	6.018			2	0.7				

May 12 2023 Hour: 5:42 53.3 Lat: 40.09N Lon: 20.49E D: 1.9 Ag: TIR Local  
 Magnitudes: 2.3ML TIR 2.8MW TIR Rms: 0.3 secs  
 19 km SE of Permet

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	12	55	EP		0542	5.575	0.10							1.0
LSK	HE	12	55	ES		0542	7.289	0.08							1.0
LSK	HZ	12	55	IAML		0543	0.527			2043	0.6				
TPE	HZ	46	300	EP		0543	1.751	0.18							1.0
TPE	HN	46	300	ES		0543	8.555	0.31							1.0
TPE	HZ	46	300	IAML		0543	5.736			143	0.4				
SRN	HZ	48	241	EP		0543	1.496	-0.34							1.0
SRN	HN	48	241	ES		0543	8.732	0.00							1.0
SRN	HZ	48	241	IAML		0543	2.293			57	0.3				
NEST	HZ	60	53	EP		0543	3.583	-0.46							1.0
NEST	HE	60	53	ES		0543	3.060	0.34							1.0
NEST	HZ	60	53	IAML		0543	7.486			54	0.3				
AL06AHZ		62	270	EP		0543	3.968	-0.46							1.0
AL06AHN		62	270	ES		0543	3.657	0.24							1.0
KBN	HZ	65	23	EP		0543	4.717	-0.15							1.0
KBN	HN	65	23	ES		0543	3.976	-0.23							1.0
KBN	HZ	65	23	IAML		0543	2.097			36	0.6				
AL05AHZ		69	353	EP		0543	5.390	-0.24							1.0
AL05AHN		69	353	ES		0543	5.720	0.14							1.0
KEK	HZ	72	235	EP		0543	6.283	0.05							1.0
KEK	HE	72	235	ES		0543	6.957	0.28							1.0
KEK	HZ	72	235	IAML		0543	1.753			66	0.7				
BERA	HZ	82	326	EP		0543	7.300	-0.66							1.0
BERA	HN	82	326	ES		0543	9.782	-0.03							1.0
BERA	HZ	82	326	IAML		0543	2.014			55	0.3				
KZN	HZ	112	77	EP		0543	3.064	-0.28							1.0
KZN	HN	112	77	ES		0543	0.008	0.46							1.0
THL	HZ	143	114	EP		0543	9.173	0.67							1.0
THL	HN	143	114	ES		0543	8.401	-0.49							1.0
LKD2	HZ	145	174	EP		0543	9.407	0.55							1.0
LKD2	HE	145	174	ES		0543	9.199	-0.34							1.0
AL03AHZ		173	347	EP		0543	3.883	0.45							0.9
AL03AHN		173	347	ES		0543	7.669	-0.15							0.9
PHP	HZ	177	359	EP		0543	3.893	-0.30							0.9
PHP	HE	177	359	ES		0543	9.531	0.35							0.9
PHP	HZ	177	359	IAML		0544	1.894			15	0.7				

May 12 2023 Hour: 20: 1 34.3 Lat: 39.80N Lon: 20.66E D: 19.9 Ag: TIR Local  
 Magnitudes: 1.4ML TIR 2.0MW TIR Rms: 0.3 secs  
 42 km SE of Libohove

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	39	352	EP		2001	2.174	0.21							1.0
LSK	HN	39	352	ES		2001	8.243	0.08							1.0
LSK	HZ	39	352	IAML		2001	1.426			11	0.4				
IGT	HZ	41	224	EP		2001	2.000	-0.23							1.0
IGT	HN	41	224	ES		2001	8.808	0.16							1.0
IGT	HZ	41	224	IAML		2001	9.771			31	0.2				
SRN	HZ	57	279	EP		2001	4.421	-0.34							1.0
SRN	HE	57	279	ES		2001	3.635	0.40							1.0
SRN	HZ	57	279	IAML		2001	4.949			10	0.3				
KEK	HZ	75	263	EP		2001	6.917	-0.69							1.0
KEK	HN	75	263	ES		2001	8.122	-0.26							1.0
KEK	HZ	75	263	IAML		2001	9.865			7	0.1				
NEST	HZ	76	26	EP		2001	7.689	-0.13							1.0
NEST	HN	76	26	ES		2001	8.700	-0.07							1.0
NEST	HZ	76	26	IAML		2002	3.546			4	0.3				
TPE	HZ	78	315	EP		2001	8.210	0.10							1.0
TPE	HE	78	315	ES		2001	9.644	0.35							1.0
TPE	HZ	78	315	IAML		2002	2.183			9	0.1				

AL06AHZ	84	293	EP	2001	8.730	-0.34									1.0
AL06AHN	84	293	ES	2002	1.272	0.24									1.0
LKD2 HZ	112	180	EP	2001	3.999	0.15									1.0
LKD2 HE	112	180	ES	2002	0.075	0.39									1.0

**May 12 2023 Hour: 20:18 48.4 Lat: 39.19N Lon: 20.58E D: 7.0F Ag: TIR Local**  
**Magnitudes: 1.7ML TIR 2.4MW TIR Rms: 0.4 secs**

**61 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	43	331	EP		2018	5.464	-0.67							1.0
IGT	HN	43	331	ES		2019	2.117	-0.31							1.0
IGT	HZ	43	331	IAML		2019	4.220			22	0.1				
LKD2	HZ	46	171	EP		2018	6.369	-0.26							1.0
KEK	HZ	88	311	EP		2019	3.676	-0.36							1.0
KEK	HE	88	311	ES		2019	6.778	0.05							1.0
KEK	HZ	88	311	IAML		2019	1.518			16	0.5				
SRN	HZ	91	327	EP		2019	4.462	0.02							1.0
SRN	HE	91	327	ES		2019	7.434	-0.03							1.0
LSK	HZ	106	1	EP		2019	6.819	-0.24							1.0
VLS	HZ	113	179	EP		2019	7.896	-0.29							1.0
VLS	HN	113	179	ES		2019	4.876	0.64							1.0
AL06AHZ	121	325	EP			2019	9.942	0.35							1.0
AL06AHN	121	325	ES			2019	7.598	0.82							1.0
THL	HZ	131	71	EP		2019	1.091	-0.01							1.0
NEST	HZ	141	17	EP		2019	2.791	-0.16							1.0
NEST	HN	141	17	ES		2019	3.390	0.52							1.0

**May 12 2023 Hour: 21:57 42.9 Lat: 38.71N Lon: 20.59E D: 6.0 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR 3.0MW TIR Rms: 0.7 secs**

**111 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	11	33	EP		2157	5.145	-0.06							1.0
LKD2	HN	11	33	ES		2157	6.860	-0.20							1.0
VLS	HZ	59	180	EP		2157	3.212	-0.24							1.0
VLS	HN	59	180	ES		2158	1.001	-0.97							1.0
IGT	HZ	95	346	EP		2157	9.900	0.18							1.0
IGT	HN	95	346	ES		2158	3.918	0.59							1.0
KEK	HZ	131	329	EP		2158	6.083	0.27							1.0
KEK	HN	131	329	ES		2158	3.446	-0.91							1.0
KEK	HZ	131	329	IAML		2158	8.331			14	0.3				
SRN	HZ	140	339	EP		2158	8.087	0.80							1.0
SRN	HN	140	339	ES		2158	5.543	-1.47							1.0
SRN	HZ	140	339	IAML		2158	4.816			6	0.7				
THL	HZ	156	52	EP		2158	0.651	0.72							1.0
THL	HN	156	52	ES		2158	0.808	-1.00							1.0
LSK	HZ	160	0	EP		2158	2.491	1.74							0.9
LSK	HN	160	0	ES		2158	2.747	-0.54							0.9
LSK	HZ	160	0	IAML		2158	6.609			10	0.5				
AL06AHZ	169	335	EP			2158	2.717	0.51							0.9
AL06AHN	169	335	ES			2158	5.791	-0.14							0.9
NEST	HZ	194	12	EP		2158	6.387	0.62							0.9
NEST	HN	194	12	ES		2158	1.606	-0.76							0.9
NEST	HZ	194	12	IAML		2158	2.489			3	0.2				
ITM	HZ	206	145	EP		2158	7.863	0.61							0.9
ITM	HE	206	145	ES	C	2158	5.122	0.06							0.9
BERA	HZ	228	346	EP		2158	0.467	0.38							0.9
BERA	HN	228	346	ES		2158	0.263	0.08							0.9
BERA	HZ	228	346	IAML		2158	5.325			5	0.5				

May 12 2023 Hour: 22:17 28.5 Lat: 41.67N Lon: 19.82E D: 21.0 Ag: TIR Local  
 Magnitudes: 1.7ML TIR 2.3MW TIR Rms: 0.6 secs  
 9 km E of Lac

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LACI	HZ	10	247	EP		2217	2.132	-0.34							1.0
LACI	HN	10	247	ES		2217	5.627	-0.08							1.0
LACI	HZ	10	247	IAML		2217	5.918			311	0.0				
AL03AHZ	17	117	EP		2217	3.151	-0.03								1.0
AL03AHN	17	117	ES		2217	7.718	0.72								1.0
TIR	HZ	36	174	EP		2217	5.052	-0.64							1.0
TIR	HN	36	174	ES		2217	1.738	0.21							1.0
TIR	HZ	36	174	IAML		2217	2.980			20	0.2				
PUK	HZ	42	8	EP		2217	6.494	-0.13							1.0
PUK	HN	42	8	ES		2217	3.807	0.59							1.0
PUK	HZ	42	8	IAML		2217	5.506			38	0.2				
SDA	HZ	50	328	EP		2217	7.195	-0.63							1.0
SDA	HN	50	328	ES		2217	5.162	-0.24							1.0
SDA	HZ	50	328	IAML		2217	5.553			6					
PHP	HZ	51	88	EP		2217	7.572	-0.53							1.0
PHP	HN	51	88	ES		2217	5.936	0.04							1.0
PHP	HZ	51	88	IAML		2217	7.360			35	0.2				
KKS	HZ	66	47	EP		2217	1.017	0.66							1.0
KKS	HN	66	47	ES		2217	0.028	0.06							1.0
AL08AHZ	67	160	EP		2217	0.255	-0.31								1.0
AL04AHZ	77	197	EP		2217	2.811	0.65								1.0
BCI	HZ	80	15	EP		2217	2.350	-0.35							1.0
BCI	HN	80	15	ES		2217	4.107	-0.11							1.0
BCI	HZ	80	15	IAML		2217	6.559			12	0.4				
PDG	HZ	96	331	EP		2217	6.630	1.26							1.0
PDG	HN	96	331	ES		2217	8.700	-0.35							1.0
PDG	HZ	96	331	IAML		2218	0.002			12	0.4				
PRZK	HZ	98	52	EP		2217	4.994	-0.69							1.0
BERA	HZ	108	174	EP		2217	7.050	-0.18							1.0
BERA	HN	108	174	ES		2218	1.571	-0.86							1.0
BERA	HZ	108	174	IAML		2218	4.760			7	0.1				
AL05AHZ	117	156	EP		2217	8.175	-0.56								1.0
AL05AHN	117	156	ES		2218	5.443	0.30								1.0
NEST	HZ	173	143	EP		2217	7.304	0.30							0.9
NEST	HN	173	143	ES		2218	9.259	-0.84							0.9
NEST	HZ	173	143	IAML		2218	4.293			4	0.4				
LSK	HZ	181	159	EP		2217	8.550	0.58							0.9
SRN	HZ	199	176	EP		2218	1.071	0.87							0.9
SRN	HN	199	176	ES		2218	6.831	0.93							0.9
SRN	HZ	199	176	IAML		2218	3.707			2	1.2				

May 12 2023 Hour: 22:32 16.8 Lat: 40.10N Lon: 20.48E D: 10.0F Ag: TIR Local  
 Magnitudes: 1.4ML TIR 2.1MW TIR Rms: 0.6 secs  
 18 km SE of Permet

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	12	61	EP		2232	8.386	-0.52							1.0
LSK	HN	12	61	ES		2232	1.240	0.61							1.0
LSK	HZ	12	61	IAML		2232	3.350			144	0.4				
TPE	HZ	45	299	EP		2232	4.821	0.04							1.0
TPE	HN	45	299	ES		2232	1.835	0.57							1.0
TPE	HZ	45	299	IAML		2232	4.426			14	0.1				
SRN	HZ	47	239	EP		2232	4.758	-0.46							1.0
SRN	HE	47	239	ES		2232	1.971	-0.09							1.0
SRN	HZ	47	239	IAML		2232	5.067			6	0.2				
NEST	HZ	60	54	EP		2232	6.717	-0.78							1.0
NEST	HN	60	54	ES		2232	6.237	0.05							1.0
NEST	HZ	60	54	IAML		2232	9.902			4	0.7				
AL06AHZ	61	269	EP		2232	8.239	0.54								1.0
AL06AHN	61	269	ES		2232	7.075	0.52								1.0

IGT	HZ	64	191	EP	2232	7.496	-0.71										1.0
IGT	HN	64	191	ES	2232	8.473	1.00										1.0
IGT	HZ	64	191	IAML	2232	1.077			9	0.1							
AL05AHZ		68	354	EP	2232	8.213	-0.65										1.0
AL05AHE		68	354	ES	2232	9.108	0.44										1.0
KEK	HZ	72	234	EP	2232	9.168	-0.46										1.0
KEK	HN	72	234	ES	2232	9.393	-0.66										1.0
KEK	HZ	72	234	IAML	2232	3.125			11	1.3							
BERA	HZ	81	326	EP	2232	0.237	-0.93										1.0
BERA	HN	81	326	ES	2232	3.214	0.39										1.0
BERA	HZ	81	326	IAML	2232	7.292			7	0.4							
THL	HZ	144	114	EP	2232	3.107	0.85										1.0
LKD2	HZ	146	174	EP	2232	2.906	0.32										1.0

**May 12 2023 Hour: 22:59 35.1 Lat: 41.44N Lon: 20.25E D: 11.0 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR 2.5MW TIR Rms: 0.6 secs**  
**6 km SE of Bulqize**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
AL03AHZ		28	312	EP		2259	0.281	-0.17							1.0	
AL03AHN		28	312	ES		2259	4.377	-0.42							1.0	
PHP	HZ	32	29	EP		2259	1.084	-0.07							1.0	
PHP	HN	32	29	ES		2259	6.391	0.33							1.0	
PHP	HZ	32	29	IAML		2259	8.302			95	0.3					
TIR	HZ	34	253	EP		2259	1.737	0.29							1.0	
TIR	HN	34	253	ES		2259	6.869	0.27							1.0	
TIR	HZ	34	253	IAML		2259	9.962			23	0.2					
AL08AHZ		39	199	EP		2259	1.575	-0.70							1.0	
LACI	HZ	50	297	EP		2259	3.964	-0.16							1.0	
LACI	HN	50	297	ES		2259	1.127	-0.31							1.0	
LACI	HZ	50	297	IAML		2259	4.063			43	0.5					
AL07AHZ		69	149	EP		2259	7.973	0.56							1.0	
KKS	HZ	72	10	EP		2259	7.889	0.08							1.0	
KKS	HN	72	10	ES		2259	7.535	-0.58							1.0	
PUK	HZ	74	336	EP		2259	8.195	0.03							1.0	
PUK	HN	74	336	ES		2259	8.471	-0.28							1.0	
PUK	HZ	74	336	IAML		2300	2.860			23	0.4					
AL04AHZ		75	231	EP		2259	0.007	1.71							1.0	
AL05AHZ		82	172	EP		2259	8.905	-0.57							1.0	
AL05AHN		82	172	ES		2300	0.838	-0.29							1.0	
BERA	HZ	85	197	EP		2259	9.198	-0.81							1.0	
BERA	HN	85	197	ES		2300	0.481	-1.61							1.0	
BERA	HZ	85	197	IAML		2300	2.572			23	0.7					
SDA	HZ	93	318	EP		2259	1.128	-0.11							1.0	
SDA	HN	93	318	ES		2300	4.792	0.47							1.0	
SDA	HZ	93	318	IAML		2300	7.213			6	0.2					
KBN	HZ	101	153	EP		2259	2.853	0.22							1.0	
KBN	HN	101	153	ES		2300	6.666	-0.18							1.0	
KBN	HZ	101	153	IAML		2300	1.696			15	0.3					
BCI	HZ	105	352	EP		2259	3.408	0.14							1.0	
BCI	HN	105	352	ES		2300	8.271	0.29							1.0	
BCI	HZ	105	352	IAML		2300	2.442			16	0.9					
NEST	HZ	132	149	EP		2259	7.695	-0.12							1.0	
NEST	HN	132	149	ES		2300	5.800	-0.41							1.0	
NEST	HZ	132	149	IAML		2300	8.223			21	0.3					
PDG	HZ	138	324	EP		2259	8.263	-0.49							1.0	
PDG	HN	138	324	ES		2300	7.855	-0.07							1.0	
PDG	HZ	138	324	IAML		2300	1.500			12	0.6					
LSK	HZ	146	168	EP		2300	0.267	0.13							1.0	
LSK	HZ	146	168	IAML		2300	6.298			13	0.9					
AL06AHZ		155	196	EP		2300	3.199	1.52							1.0	
SRN	HZ	174	187	EP		2300	4.776	0.14							0.9	
SRN	HN	174	187	ES		2300	8.667	0.11							0.9	
SRN	HZ	174	187	IAML		2300	6.740			5	1.1					
NKME	HZ	183	324	EP		2300	5.311	-0.55							0.9	

KEK	HZ	195	192	EP		2300	8.816	1.45										0.9
KEK	HZ	195	192	IAML		2300	1.973			10	0.9							
IGT	HZ	211	178	EP		2300	9.978	0.52										0.9
IGT	HZ	211	178	IAML		2300	3.512			3	0.2							

**May 13 2023 Hour: 3:58 48.9 Lat: 41.67N Lon: 19.38E D: 9.9 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR 2.6MW TIR Rms: 0.5 secs**

**25 km SW of Lezhe**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LACI	HZ	28	97	EP		0358	4.287	0.06							1.0
LACI	HN	28	97	ES		0358	8.557	-0.03							1.0
LACI	HZ	28	97	IAML		0359	1.174			152	0.3				
SDA	HZ	44	13	EP		0358	6.892	0.04							1.0
SDA	HN	44	13	ES		0359	3.900	0.56							1.0
SDA	HZ	44	13	IAML		0359	5.549			38	0.5				
AL03AHZ		53	98	EP		0358	8.036	-0.39							1.0
AL03AHN		53	98	ES		0359	6.579	0.41							1.0
TIR	HZ	54	131	EP		0358	8.797	0.17							1.0
TIR	HN	54	131	ES		0359	6.925	0.38							1.0
TIR	HZ	54	131	IAML		0359	1.096			19	0.5				
PUK	HZ	60	45	EP		0358	9.085	-0.55							1.0
PUK	HN	60	45	ES		0359	8.604	0.23							1.0
PUK	HZ	60	45	IAML		0359	8.726			39	0.3				
PDG	HZ	85	353	EP		0359	2.666	-1.18							1.0
PDG	HN	85	353	ES		0359	7.326	1.34							1.0
PDG	HZ	85	353	IAML		0359	6.543			29	0.6				
PHP	HZ	88	88	EP		0359	3.811	-0.60							1.0
PHP	HN	88	88	ES		0359	6.887	-0.14							1.0
PHP	HZ	88	88	IAML		0359	8.206			30					
BCI	HZ	96	36	EP		0359	5.233	-0.50							1.0
BCI	HN	96	36	ES		0359	9.139	-0.26							1.0
BCI	HZ	96	36	IAML		0359	2.179			45	1.7				
BERA	HZ	117	156	EP		0359	9.576	0.39							1.0
BERA	HN	117	156	ES		0359	6.078	0.42							1.0
BERA	HZ	117	156	IAML		0359	9.212			19	0.7				
SRN	HZ	205	165	EP		0359	2.150	-0.39							0.9
SRN	HZ	205	165	IAML		0400	8.854			8	1.5				

**May 13 2023 Hour: 7:25 32.9 Lat: 40.40N Lon: 20.73E D: 2.5 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR 2.2MW TIR Rms: 0.4 secs**

**5 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	25	11	EP		0725	7.186	-0.16							1.0
KBN	HE	25	11	ES		0725	0.797	-0.16							1.0
KBN	HZ	25	11	IAML		0725	1.799			41	0.2				
NEST	HZ	27	87	EP		0725	7.942	0.23							1.0
NEST	HE	27	87	ES		0725	1.760	0.14							1.0
NEST	HZ	27	87	IAML		0725	3.964			79	0.2				
LSK	HZ	31	202	EP		0725	8.541	0.17							1.0
LSK	HN	31	202	ES		0725	2.690	-0.12							1.0
LSK	HZ	31	202	IAML		0725	8.076			62	0.5				
AL05AHZ		44	319	EP		0725	1.096	0.30							1.0
AL05AHN		44	319	ES		0725	7.628	0.42							1.0
BERA	HZ	74	297	EP		0725	6.458	0.31							1.0
BERA	HN	74	297	ES		0725	6.057	-0.83							1.0
BERA	HZ	74	297	IAML		0725	7.949			12	0.1				
KZN	HZ	89	97	EP		0725	9.032	0.28							1.0
KZN	HE	89	97	ES		0726	1.025	-0.58							1.0



May 13 2023 Hour: 8:23 52.6 Lat: 40.59N Lon: 19.64E D: 31.2 Ag: TIR Local  
 Magnitudes: 1.5ML TIR 2.1MW TIR Rms: 0.2 secs  
 5 km N of Selenice

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL04AHZ		47	352	EP		0824	1.814	-0.27							1.0
AL04AHE		47	352	ES		0824	0.048	0.26							1.0
AL05AHZ		65	78	EP		0824	4.716	-0.04							1.0
AL05AHE		65	78	ES		0824	4.488	-0.15							1.0
NEST HZ		121	99	EP		0824	3.672	0.23							1.0
NEST HN		121	99	ES		0824	0.438	0.09							1.0
PUK HZ		163	7	EP		0824	8.650	-0.13							0.9
PUK HN		163	7	ES		0824	0.029	0.01							0.9
PUK HZ		163	7	IAML		0824	2.933			2	0.2				

May 14 2023 Hour: 4:14 59.9 Lat: 38.73N Lon: 20.58E D: 14.2 Ag: TIR Local  
 Magnitudes: 3.3ML TIR 4.1MW TIR Rms: 0.9 secs  
 108 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2 HZ		9	46	EP		0415	2.927	-0.05							1.0
LKD2 HN		9	46	ES		0415	4.724	-0.74							1.0
VLS HZ		61	179	EP		0415	1.044	0.15							1.0
VLS HN		61	179	ES		0415	9.668	-0.12							1.0
KEK HZ		128	329	EP		0415	2.915	0.88							1.0
KEK HE		128	329	ES		0415	0.612	0.66							1.0
KEK HZ		128	329	IAML		0415	3.838			412	0.4				
SRN HZ		137	339	EP		0415	4.330	0.85							1.0
SRN HE		137	339	ES		0415	3.048	0.47							1.0
SRN HZ		137	339	IAML		0415	4.947			138	0.4				
THL HZ		155	53	EP		0415	6.020	-0.40							1.0
THL HE		155	53	ES		0415	7.226	-0.66							1.0
LSK HZ		158	1	EP		0415	7.912	0.97							0.9
LSK HN		158	1	ES		0415	9.405	0.57							0.9
LSK HZ		158	1	IAML		0415	5.963			356	0.5				
AL06AHZ		167	335	EP		0415	8.508	0.31							0.9
AL06AHE		167	335	ES		0415	8.955	-2.15							0.9
TPE HZ		180	345	EP		0415	0.540	0.57							0.9
TPE HE		180	345	ES		0415	5.178	0.87							0.9
TPE HZ		180	345	IAML		0416	9.159			203	0.9				
NEST HZ		191	12	EP		0415	2.992	1.52							0.9
NEST HE		191	12	ES		0415	7.029	-0.01							0.9
NEST HZ		191	12	IAML		0416	5.722			130	0.5				
KZN HZ		203	30	EP		0415	3.383	0.46							0.9
KZN HN		203	30	ES		0415	9.140	-0.52							0.9
ITM HZ		209	145	EP		0415	3.703	0.07							0.9
ITM HE		209	145	ES		0416	2.448	1.50							0.9
KBN HZ		211	5	EP		0415	5.378	1.41							0.9
KBN HE		211	5	ES		0416	2.258	0.72							0.9
KBN HZ		211	5	IAML		0416	7.267			71	0.7				
VLO HZ		214	335	EP		0415	5.293	0.99							0.9
VLO HZ		214	335	IAML		0416	1.614			172	0.4				
AL05AHZ		220	356	EP		0415	5.890	0.82							0.9
AL05AHE		220	356	ES		0416	3.892	0.34							0.9
AL05AHZ		220	356	IAML		0416	4.959			0.10	0.7				
BERA HZ		226	346	EP		0415	6.011	0.26							0.9
BERA HN		226	346	ES		0416	5.090	0.32							0.9
BERA HZ		226	346	IAML		0416	0.889			162	0.4				
SCTE HZ		235	310	EP		0415	7.423	0.44							0.9
BPA2 HZ		237	340	EP		0415	7.314	0.13							0.9
AL07AHZ		241	2	EP		0415	7.859	0.05							0.9
AL08AHZ		267	351	EP		0415	1.562	0.51							0.9
AL04AHZ		267	341	EP		0415	1.828	0.72							0.9
THE HZ		294	43	EP		0415	5.040	0.52							0.8
THE HZ		294	43	IAML		0416	5.854			22	0.8				

TIR	HZ	297	348	EP	0415	4.661-0.25								0.8
TIR	HZ	297	348	IAML	0416	3.725	26	1.1						
PLG	HZ	306	53	EP	0415	5.653-0.51								0.8
AL03AHZ		323	351	EP	0415	7.771-0.45								0.8
PHP	HZ	328	358	EP	0415	8.818-0.17								0.8
PHP	HN	328	358	E	0416	4.973								
PHP	HZ	328	358	IAML	0416	9.593	28	1.7						
LACI	HZ	331	347	EP	0415	8.789-0.47								0.8
KKS	HZ	372	358	EP	0415	3.764-0.73								0.8
PUK	HZ	372	351	EP	0415	3.733-0.94								0.8
PUK	HZ	372	351	IAML	0416	8.427	17	1.0						
NOCI	HZ	378	308	EP	0415	3.920-1.42								0.8
SDA	HZ	380	346	EP	0415	4.070-1.45								0.8
SDA	HZ	380	346	IAML	0416	1.517	6	0.3						
PRZK	HZ	387	2	EP	0415	5.899-0.59								0.8
NVR	HZ	404	43	EP	0415	8.471-0.20								0.7
BCI	HZ	406	354	EP	0415	8.633-0.32								0.7
BCI	HZ	406	354	IAML	0416	5.938	27	0.6						
AL01AHZ		411	348	EP	0415	8.472-1.18								0.7
PDG	HZ	426	345	EP	0415	9.780-1.62								0.7
PDG	HZ	426	345	IAML	0416	7.203	19	0.3						
PVY	HZ	432	353	EP	0416	1.903-0.50								0.7
BOSS	SZ	448	20	EP	0416	2.770-1.53								0.7
ME05AHZ		450	338	EP	0416	1.828-2.65								0.7
MRVN	HZ	456	306	EP	0416	3.462-1.82								0.7
ME01AHZ		461	353	EP	0416	5.437-0.56								0.7
SGRT	HZ	531	311	EP	0416	2.772-2.12								0.6

May 15 2023 Hour: 6:20 53.3 Lat: 40.91N Lon: 19.81E D: 19.3 Ag: TIR Local  
Magnitudes: 2.7ML TIR Rms: 0.8 secs  
9 km E of Lushnje

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL04AHZ		24	298	EP		0620	8.860	0.25							1.0
AL04AHN		24	298	ES		0621	4.583	1.66							1.0
BERA	HZ	26	153	EP		0620	7.955	-0.88							1.0
BERA	HN	26	153	ES		0621	2.095	-1.23							1.0
BERA	HZ	26	153	IAML		0621	2.282		840	0.5					
BPA2	HZ	26	220	EP		0620	7.158	-1.67							1.0
BPA2	HN	26	220	ES		0621	2.977	-0.34							1.0
AL08AHZ		33	48	EP	D	0620	9.865	-0.04							1.0
AL08AHN		33	48	ES		0621	5.870	0.60							1.0
TIR	HZ	49	5	EP		0621	2.786	0.36							1.0
TIR	HZ	49	5	IAML		0621	3.676		156	0.4					
AL05AHZ		54	114	EP		0621	3.103	-0.09							1.0
AL05AHN		54	114	ES		0621	1.561	0.34							1.0
AL05AHZ		54	114	IAML		0621	2.111		0.40	0.2					
VLO	HZ	56	209	EP		0621	3.745	0.31							1.0
VLO	HE	56	209	ES		0621	2.223	0.56							1.0
VLO	HZ	56	209	IAML		0621	4.777		804	0.4					
TPE	HZ	70	166	EP		0621	5.376	-0.45							1.0
TPE	HN	70	166	ES		0621	6.419	0.43							1.0
TPE	HZ	70	166	IAML		0621	2.363		195	0.4					
AL07AHZ		73	90	EP		0621	5.822	-0.52							1.0
AL07AHN		73	90	ES		0621	7.227	0.31							1.0
AL03AHZ		79	12	EP		0621	6.496	-0.76							1.0
AL03AHE		79	12	ES		0621	8.700	0.12							1.0
LACI	HZ	81	354	EP		0621	7.156	-0.51							1.0
LACI	HN	81	354	ES		0621	9.693	0.37							1.0
LACI	HZ	81	354	IAML		0621	4.534		87	0.5					
KBN	HZ	88	111	EP		0621	8.293	-0.54							1.0
KBN	HE	88	111	ES		0621	1.306	-0.12							1.0
KBN	HZ	88	111	IAML		0621	8.410		47	0.9					
AL06AHZ		91	183	EP		0621	9.754	0.50							1.0
AL06AHN		91	183	ES		0621	2.644	0.46							1.0

PHP	HZ	101	31	EP	0621	9.957	-1.02									1.0
PHP	HN	101	31	ES	0621	4.594	-0.71									1.0
PHP	HZ	101	31	IAML	0621	0.448				83	0.3					
LSK	HZ	107	141	EP	0621	2.333	0.33									1.0
LSK	HN	107	141	ES	0621	7.871	0.70									1.0
LSK	HZ	107	141	IAML	0621	5.903				83	0.5					
SRN	HZ	115	172	EP	0621	3.521	0.27									1.0
SRN	HN	115	172	ES	0621	9.677	0.26									1.0
SRN	HZ	115	172	IAML	0621	1.624				66	0.4					
NEST	HZ	118	117	EP	0621	3.663	-0.13									1.0
NEST	HN	118	117	ES	0621	0.865	0.46									1.0
NEST	HZ	118	117	IAML	0621	6.651				73	0.6					
PUK	HZ	126	3	EP	0621	5.303	0.21									1.0
PUK	HE	126	3	ES	0621	3.952	1.20									1.0
PUK	HZ	126	3	IAML	0621	5.207				55	0.6					
KEK	HZ	133	180	EP	0621	6.345	0.32									1.0
KEK	HN	133	180	ES	0621	4.477	0.03									1.0
KEK	HZ	133	180	IAML	0621	5.626				98	0.4					
KKS	HZ	139	21	EP	0621	6.337	-0.64									1.0
KKS	HN	139	21	ES	0621	6.093	-0.07									1.0
SCTE	HZ	147	231	EP	0621	8.011	-0.26									1.0
IGT	HZ	159	164	EP	0621	0.173	0.13									0.9
IGT	HE	159	164	ES	0621	1.240	-0.48									0.9
IGT	HZ	159	164	IAML	0621	2.816				48	0.9					
AL01AHZ		161	352	EP	0621	0.559	0.09									0.9
AL01AHN		161	352	ES	0621	2.086	-0.40									0.9
BCI	HZ	164	7	EP	0621	1.654	1.00									0.9
BCI	HN	164	7	ES	0621	3.547	0.72									0.9
BCI	HZ	164	7	IAML	0621	8.499				81	0.5					
JAN	HZ	165	147	EP	0621	1.321	0.53									0.9
JAN	HN	165	147	ES	0621	3.844	0.76									0.9
PRZK	HZ	165	28	EP	0621	0.525	-0.34									0.9
PRZK	HN	165	28	ES	0621	3.236	0.04									0.9
PDG	HZ	175	345	EP	0621	2.117	0.01									0.9
PDG	HN	175	345	ES	0621	5.227	-0.22									0.9
PDG	HZ	175	345	IAML	0621	5.261				51	0.5					
KZN	HZ	179	111	EP	0621	3.174	0.52									0.9
KZN	HN	179	111	ES	0621	6.435	-0.01									0.9
PVY	HZ	188	4	EP	0621	4.360	0.49									0.9
PVY	HN	188	4	ES	0621	9.718	1.06									0.9
NKME	HZ	219	341	EP	0621	7.841	0.10									0.9
NKME	HN	219	341	ES	0621	3.291	-2.36									0.9
NOCI	HZ	232	268	EP	0621	0.954	1.52									0.9
THL	HZ	239	128	EP	0621	0.737	0.40									0.9
THL	HN	239	128	ES	0621	9.976	-0.38									0.9
LKD2	HZ	246	163	EP	0621	9.583	-1.65									0.9
MRVN	HZ	305	274	EP	0621	6.448	-2.33									0.8

May 15 2023 Hour: 10:59 2.3 Lat: 41.43N Lon: 20.03E D: 13.6 Ag: TIR Local  
Magnitudes: 1.4ML TIR 2.2MW TIR Rms: 0.5 secs  
9 km SW of Klos

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	17	236	EP		1059	5.589	-0.52							1.0
TIR	HN	17	236	ES		1059	9.504	0.29							1.0
TIR	HZ	17	236	IAML		1059	0.981			19	0.1				
AL03AHZ		19	353	EP		1059	6.565	0.16							1.0
AL03AHN		19	353	ES		1059	9.659	-0.09							1.0
LACI	HZ	35	311	EP		1059	8.122	-0.68							1.0
LACI	HN	35	311	ES		1059	4.538	0.45							1.0
LACI	HZ	35	311	IAML		1059	6.877			18	0.3				
AL08AHZ		37	171	EP		1059	8.409	-0.80							1.0
AL08AHN		37	171	ES		1059	5.256	0.42							1.0
PHP	HZ	44	51	EP		1059	0.469	0.05							1.0
PHP	HE	44	51	ES		1059	6.775	-0.24							1.0

PHP	HZ	44	51	IAML	1059	7.610		24	0.5					
PUK	HZ	69	350	EP	1059	4.052-0.44								1.0
PUK	HN	69	350	ES	1059	4.757 0.37								1.0
PUK	HZ	69	350	IAML	1059	7.477		5	0.3					
KKS	HZ	77	23	EP	1059	7.189 1.26								1.0
KKS	HN	77	23	ES	1059	6.526-0.46								1.0
PVY	HZ	129	357	EP	1059	4.417-0.17								1.0
NEST	HZ	142	143	EP	1059	7.164 0.45								1.0
NEST	HN	142	143	ES	1059	6.500-0.01								1.0
NEST	HZ	142	143	IAML	1059	2.488		4	0.5					

**May 15 2023 Hour: 23:23 56.7 Lat: 41.11N Lon: 20.34E D: 12.8 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR 2.2MW TIR Rms: 0.6 secs**  
**8 km S of Librazhd**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL08AHZ		20	268	EP		2324	0.878-0.10								1.0
AL08AHN		20	268	ES		2324	4.278-0.14								1.0
AL07AHZ		37	130	EP		2324	3.871 0.21								1.0
AL07AHN		37	130	ES		2324	9.846 0.58								1.0
AL05AHZ		45	175	EP		2324	4.439-0.60								1.0
AL05AHN		45	175	ES		2324	1.153-0.61								1.0
AL05AHZ		45	175	IAML		2324	2.818		0.10	0.2					
TIR	HZ	48	303	EP		2324	5.136-0.31								1.0
TIR	HN	48	303	ES		2324	2.938 0.44								1.0
TIR	HZ	48	303	IAML		2324	5.679		21	0.1					
BERA	HZ	56	216	EP		2324	5.705-1.11								1.0
BERA	HE	56	216	ES		2324	4.013-0.96								1.0
BERA	HZ	56	216	IAML		2324	6.312		40	0.2					
AL03AHZ		61	333	EP		2324	7.641-0.07								1.0
AL03AHN		61	333	ES		2324	6.933 0.34								1.0
AL03AHZ		61	333	IAML		2324	9.921		0.10	0.2					
PHP	HZ	64	7	EP		2324	8.465 0.26								1.0
PHP	HN	64	7	ES		2324	7.943 0.45								1.0
PHP	HZ	64	7	IAML		2324	9.121		50	0.3					
KBN	HZ	66	145	EP		2324	8.534 0.05								1.0
KBN	HE	66	145	ES		2324	9.020 1.03								1.0
KBN	HZ	66	145	IAML		2324	3.880		15	0.7					
BPA2	HZ	74	235	EP		2324	9.122-0.69								1.0
BPA2	HN	74	235	ES		2324	1.763 1.36								1.0
LACI	HZ	78	318	EP		2324	0.017-0.49								1.0
LACI	HE	78	318	ES		2324	1.074-0.59								1.0
LACI	HZ	78	318	IAML		2324	5.685		13						
TPE	HZ	95	197	EP		2324	3.785 0.53								1.0
TPE	HN	95	197	ES		2324	6.961 0.33								1.0
TPE	HZ	95	197	IAML		2324	9.197		26	1.3					
NEST	HZ	98	142	EP		2324	3.944 0.15								1.0
NEST	HN	98	142	ES		2324	7.142-0.47								1.0
NEST	HZ	98	142	IAML		2324	8.072		10	0.2					
KKS	HZ	107	3	EP		2324	5.001-0.30								1.0
KKS	HN	107	3	ES		2324	0.287-0.05								1.0
LSK	HZ	109	168	EP		2324	5.180-0.48								1.0
LSK	HN	109	168	ES		2324	0.101-0.89								1.0
LSK	HZ	109	168	IAML		2324	6.439		19	0.6					
PUK	HZ	110	340	EP		2324	5.863 0.02								1.0
PUK	HE	110	340	ES		2324	2.081 0.76								1.0
PUK	HZ	110	340	IAML		2324	3.987		9	0.2					
SDA	HZ	126	326	EP		2324	8.382-0.02								1.0
SDA	HN	126	326	ES		2324	6.566 0.62								1.0
SDA	HZ	126	326	IAML		2324	0.749		3						
PRZK	HZ	127	16	EP		2324	9.459 0.80								1.0
PRZK	HN	127	16	ES		2324	5.945-0.46								1.0
SRN	HZ	140	192	EP		2324	1.932 1.20								1.0
SRN	HN	140	192	ES		2324	0.972 0.80								1.0
SRN	HZ	140	192	IAML		2324	6.635		21	1.1					

BCI	HZ	141	351	EP		2324	0.656	-0.38									1.0
BCI	HN	141	351	ES		2324	0.694	-0.02									1.0
BCI	HZ	141	351	IAML		2324	4.361			13	1.1						
KZN	HZ	150	126	EP		2324	2.705	0.17									1.0
KZN	HN	150	126	ES		2324	2.847	-0.59									1.0
AL01AHZ		152	335	EP		2324	2.493	-0.40									1.0
AL01AHE		152	335	ES		2324	4.178	0.09									1.0
PVY	HZ	168	349	EP		2324	4.479	-0.97									0.9
PVY	HN	168	349	ES		2324	8.724	0.01									0.9
PDG	HZ	172	329	EP		2324	5.418	-0.39									0.9
PDG	HE	172	329	ES		2324	9.237	-0.13									0.9
PDG	HZ	172	329	IAML		2324	4.359			5	0.5						
IGT	HZ	175	180	EP		2324	6.798	0.51									0.9
IGT	HN	175	180	ES		2324	0.784	0.56									0.9

May 16 2023 Hour: 4:48 20.1 Lat: 38.78N Lon: 20.98E D: 5.0F Ag: TIR Local  
Magnitudes: 2.2ML TIR Rms: 0.7 secs  
119 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
LKD2	HZ	28	273	EP		0448	5.218	0.19							1.0		
LKD2	HE	28	273	ES		0448	9.427	0.41							1.0		
VLS	HZ	75	207	EP		0448	2.908	-0.51							1.0		
VLS	HE	75	207	ES		0448	4.403	0.20							1.0		
IGT	HZ	101	327	EP		0448	6.592	-1.46							1.0		
IGT	HZ	101	327	IAML		0448	8.647			22	0.9						
THL	HZ	125	45	EP		0448	2.500	0.10							1.0		
THL	HN	125	45	ES		0449	0.445	-0.03							1.0		
NEST	HZ	182	2	EP		0448	3.173	1.28							0.9		
NEST	HZ	182	2	IAML		0449	2.981			12	1.6						

May 16 2023 Hour: 22:20 50.2 Lat: 40.74N Lon: 19.92E D: 9.6 Ag: TIR Local  
Magnitudes: 2.1ML TIR Rms: 0.2 secs  
4 km SE of Ura-Vajgurore

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
BERA	HZ	5	146	EP		2220	2.221	0.06							1.0		
BERA	HE	5	146	ES		2220	3.747	0.01							1.0		
BERA	HZ	5	146	IAML		2220	4.292			372	0.1						
AL05AHZ		40	95	EP		2220	7.232	-0.40							1.0		
AL05AHE		40	95	ES		2221	3.574	-0.07							1.0		
AL08AHZ		44	21	EP		2220	8.067	-0.11							1.0		
AL08AHN		44	21	ES		2221	4.821	0.20							1.0		
TPE	HZ	50	170	EP		2220	9.376	0.04							1.0		
TPE	HE	50	170	ES		2221	6.925	0.20							1.0		
LSK	HZ	87	138	EP		2221	5.259	-0.37							1.0		
LSK	HN	87	138	ES		2221	7.994	-0.13							1.0		
NEST	HZ	102	110	EP		2221	8.417	0.27							1.0		
NEST	HN	102	110	ES		2221	2.967	0.30							1.0		

May 17 2023 Hour: 9:54 56.7 Lat: 41.72N Lon: 20.21E D: 5.0F Ag: TIR Local  
Magnitudes: 1.8ML TIR 2.0MW TIR Rms: 0.2 secs  
18 km W of Peshkopi

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
PHP	HZ	20	101	EP		0955	0.157	-0.15							1.0		
PHP	HN	20	101	ES		0955	3.250	0.07							1.0		
PHP	HZ	20	101	IAML		0955	4.506			130	0.2						
AL03AHZ		21	232	EP		0955	0.420	-0.14							1.0		
AL03AHN		21	232	ES		0955	3.553	-0.09							1.0		
KKS	HZ	43	22	EP		0955	4.680	0.34							1.0		
KKS	HE	43	22	ES		0955	0.756	0.27							1.0		
PUK	HZ	44	324	EP		0955	4.714	0.04							1.0		
PUK	HE	44	324	ES		0955	1.098	0.01							1.0		
PUK	HZ	44	324	IAML		0955	3.999			9	0.2						
PRZK	HZ	71	40	EP		0955	9.210	-0.26							1.0		
PRZK	HE	71	40	ES		0955	9.387	-0.39							1.0		

NEST HZ 161 154 EP 0955 5.432 0.33 0.9  
 NEST HZ 161 154 IAML 0955 8.814 6 0.8

**May 17 2023 Hour: 17:38 39.1 Lat: 41.21N Lon: 20.08E D: 6.9 Ag: TIR Local**  
**Magnitudes: 2.6ML TIR 2.9MW TIR Rms: 0.8 secs**  
**10 km N of Elbasan**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL08AHZ		12	171	EP		1738	1.338	-0.16							1.0
AL08AHE		12	171	ES		1738	3.401	-0.05							1.0
TIR HZ		24	311	EP		1738	3.389	-0.15							1.0
TIR HN		24	311	ES		1738	7.443	0.29							1.0
TIR HZ		24	311	IAML		1738	0.420		383	0.5					1.0
AL03AHZ		44	352	EP		1738	7.259	0.17							1.0
AL03AHN		44	352	ES		1738	3.695	0.12							1.0
AL03AHZ		44	352	IAML		1738	7.928		0.30	0.7					1.0
AL04AHZ		49	243	EP		1738	8.800	0.87							1.0
AL04AHN		49	243	ES		1738	6.813	1.72							1.0
LACI HZ		57	328	EP		1738	9.262	0.00							1.0
LACI HN		57	328	ES		1738	7.928	0.43							1.0
LACI HZ		57	328	IAML		1738	8.506		560	0.4					1.0
BERA HZ		57	191	EP		1738	7.991	-1.37							1.0
BERA HN		57	191	ES		1738	5.502	-2.19							1.0
BERA HZ		57	191	IAML		1738	7.697		262	0.2					1.0
PHP HZ		61	29	EP		1738	0.302	0.26							1.0
PHP HN		61	29	ES		1738	9.342	0.43							1.0
PHP HZ		61	29	IAML		1739	2.550		173	0.2					1.0
BPA2 HZ		66	216	EP		1738	0.998	0.10							1.0
KBN HZ		88	137	EP		1738	4.707	-0.06							1.0
KBN HN		88	137	ES		1739	7.519	0.06							1.0
KBN HZ		88	137	IAML		1739	9.483		28	0.9					1.0
PUK HZ		94	350	EP		1738	5.617	-0.18							1.0
PUK HN		94	350	ES		1739	9.945	0.61							1.0
PUK HZ		94	350	IAML		1739	6.994		53	0.9					1.0
VLO HZ		96	211	EP		1738	5.733	-0.29							1.0
VLO HN		96	211	ES		1739	0.382	0.63							1.0
VLO HZ		96	211	IAML		1739	3.990		130	0.5					1.0
KKS HZ		100	15	EP		1738	6.392	-0.31							1.0
KKS HN		100	15	ES		1739	1.216	0.24							1.0
TPE HZ		102	183	EP		1738	6.982	-0.01							1.0
TPE HN		102	183	ES		1739	1.899	0.40							1.0
TPE HZ		102	183	IAML		1739	8.265		99	0.4					1.0
SDA HZ		105	333	EP		1738	7.351	-0.27							1.0
SDA HN		105	333	ES		1739	2.372	-0.27							1.0
SDA HZ		105	333	IAML		1739	9.883		13	1.6					1.0
NEST HZ		120	137	EP		1738	9.893	-0.23							1.0
NEST HN		120	137	ES		1739	8.179	1.01							1.0
NEST HZ		120	137	IAML		1739	2.309		35	1.2					1.0
PRZK HN		125	27	ES		1739	8.297	-0.28							1.0
LSK HZ		125	159	EP		1739	0.586	-0.41							1.0
LSK HN		125	159	ES		1739	8.265	-0.49							1.0
LSK HZ		125	159	IAML		1739	7.971		70	0.5					1.0
PRZK HZ		125	27	EP		1739	0.355	-0.55							1.0
AL06AHZ		127	193	EP		1739	1.164	-0.10							1.0
AL06AHN		127	193	ES		1739	9.998	0.76							1.0
BCI HZ		129	359	EP		1739	1.048	-0.50							1.0
AL01AHZ		134	341	EP		1739	1.626	-0.84							1.0
AL01AHN		134	341	ES		1739	2.194	0.78							1.0
AL01AHZ		134	341	IAML		1739	7.278			0.6					1.0
SRN HZ		148	183	EP		1739	5.439	0.79							1.0
SRN HN		148	183	ES		1739	5.313	-0.04							1.0
SRN HZ		148	183	IAML		1739	9.126		34	2.3					1.0
PDG HZ		152	334	EP		1739	4.977	-0.40							1.0
PDG HN		152	334	ES		1739	6.584	-0.09							1.0
PVY HZ		154	356	EP		1739	4.630	-1.24							1.0

KEK	HZ	168	188	EP		1739	7.288	-0.73										0.9
KEK	HZ	168	188	IAML		1739	4.095			55	1.4							
KZN	HZ	174	124	EP		1739	2.487	3.34										0.9
ME01AHZ		183	355	EP		1739	0.061	-0.29										0.9
SCTE	HZ	186	228	EP		1739	9.714	-0.96										0.9
IGT	HZ	187	173	EP		1739	0.523	-0.34										0.9
GMRK	HZ	187	30	EP		1739	1.216	0.31										0.9
NKME	HZ	197	332	EP		1739	1.563	-0.59										0.9

**May 17 2023 Hour: 23:30 48.1 Lat: 39.23N Lon: 21.07E D: 0.4 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR 2.5MW TIR Rms: 0.8 secs**  
**89 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	61	216	EP		2330	8.810	-0.13							1.0
LKD2	HN	61	216	ES		2331	8.360	0.67							1.0
IGT	HZ	71	298	EP		2331	0.238	-0.64							1.0
IGT	HN	71	298	ES		2331	0.412	-0.79							1.0
IGT	HZ	71	298	IAML		2331	2.131			12	0.5				
THL	HZ	90	65	EP		2331	3.903	-0.26							1.0
THL	HN	90	65	ES		2331	6.301	-0.85							1.0
LSK	HZ	109	339	EP		2331	7.464	-0.22							1.0
LSK	HE	109	339	ES		2331	3.925	0.40							1.0
LSK	HZ	109	339	IAML		2331	0.766			12	0.8				
SRN	HZ	116	309	EP		2331	9.264	0.35							1.0
SRN	HN	116	309	ES		2331	5.651	-0.10							1.0
SRN	HZ	116	309	IAML		2331	8.634			4	0.7				
KEK	HZ	121	297	EP		2331	0.528	0.77							1.0
KEK	HN	121	297	ES		2331	6.839	-0.44							1.0
KEK	HZ	121	297	IAML		2331	8.341			28	0.6				
VLS	HZ	124	200	EP		2331	1.044	0.81							1.0
VLS	HN	124	200	ES		2331	6.672	-1.46							1.0
NEST	HZ	131	359	EP		2331	1.573	0.09							1.0
NEST	HN	131	359	ES		2331	0.449	0.06							1.0
NEST	HZ	131	359	IAML		2331	4.975			7	0.7				
AL06AHZ		147	311	EP		2331	5.432	1.39							1.0
AL06AHN		147	311	ES		2331	3.566	-1.46							1.0
TPE	HZ	148	323	EP		2331	4.473	0.21							1.0
TPE	HN	148	323	ES		2331	5.563	0.14							1.0
TPE	HZ	148	323	IAML		2331	0.614			9	0.4				
AL05AHZ		173	341	EP		2331	0.034	1.57							0.9
AL05AHN		173	341	ES		2331	2.165	-0.86							0.9
BERA	HZ	189	330	EP		2331	1.587	0.65							0.9
BERA	HN	189	330	ES		2331	7.893	0.38							0.9
BERA	HZ	189	330	IAML		2331	1.240			3	0.6				

**May 18 2023 Hour: 1:34 20.6 Lat: 41.68N Lon: 20.20E D: 18.0 Ag: TIR Local**  
**Magnitudes: 1.4ML TIR 2.0MW TIR Rms: 0.3 secs**  
**17 km NE of Burrel**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL03AHZ		19	243	EP		0134	5.288	0.13							1.0
AL03AHN		19	243	ES		0134	8.709	-0.14							1.0
AL03AHZ		19	243	IAML		0134	9.279			0.10	0.1				
PHP	HZ	20	87	EP		0134	5.506	0.15							1.0
PHP	HN	20	87	ES		0134	9.323	0.13							1.0
PHP	HZ	20	87	IAML		0134	9.718			405	0.1				
LACI	HZ	41	264	EP		0134	8.346	0.02							1.0
LACI	HN	41	264	ES		0134	4.476	-0.11							1.0
LACI	HZ	41	264	IAML		0134	7.902			36	0.5				
TIR	HZ	46	218	EP		0134	9.505	0.29							1.0
TIR	HN	46	218	ES		0134	6.587	0.40							1.0
TIR	HZ	46	218	IAML		0134	8.895			9	0.2				
KKS	HZ	47	20	EP		0134	9.665	0.30							1.0
KKS	HN	47	20	ES		0134	6.035	-0.42							1.0
PUK	HZ	48	328	EP		0134	9.360	-0.22							1.0

PUK	HN	48	328	ES		0134	6.764	-0.09									1.0
PUK	HZ	48	328	IAML		0134	0.482			12	0.3						
AL08AHZ		64	188	EP		0134	1.727	-0.39									1.0
AL08AHN		64	188	ES		0134	1.117	-0.33									1.0
SDA	HZ	72	306	EP		0134	3.170	-0.18									1.0
SDA	HN	72	306	ES		0134	3.482	-0.18									1.0
SDA	HZ	72	306	IAML	A	0134	5.447			8	0.3						
PRZK	HZ	75	38	EP		0134	4.098	0.13									1.0
PDG	HZ	114	317	EP		0134	0.463	0.04									1.0
PDG	HN	114	317	ES		0134	6.948	0.47									1.0

May 18 2023 Hour: 12:34 8.7 Lat: 40.61N Lon: 19.86E D: 6.2 Ag: TIR Local  
Magnitudes: 2.2ML TIR 1.7MW TIR Rms: 0.3 secs  
10 km E of Ballsh

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA	HZ	13	37	EP		1234	0.858	-0.32							1.0
BERA	HE	13	37	ES		1234	3.274	0.05							1.0
BERA	HZ	13	37	IAML		1234	3.646			572	0.3				
BPA2	HZ	24	303	EP		1234	2.840	-0.27							1.0
VLO	HZ	35	243	EP		1234	4.687	-0.26							1.0
VLO	HN	35	243	ES		1234	0.789	0.75							1.0
VLO	HZ	35	243	IAML		1234	3.132			109	0.2				
TPE	HZ	38	159	EP		1234	5.339	-0.14							1.0
TPE	HE	38	159	ES		1234	1.370	0.36							1.0
TPE	HZ	38	159	IAML		1234	9.929			115	0.4				
AL05AHZ		46	77	EP		1234	7.028	0.03							1.0
AL05AHE		46	77	ES		1234	4.024	0.27							1.0
AL06AHZ		59	188	EP		1234	8.886	-0.32							1.0
AL06AHN		59	188	ES		1234	7.403	-0.34							1.0
KEK	HZ	100	183	EP		1234	6.678	0.34							1.0
KEK	HE	100	183	ES		1234	0.459	-0.21							1.0
KEK	HZ	100	183	IAML		1234	7.607			13	0.6				
NEST	HZ	103	102	EP		1234	6.513	-0.42							1.0
NEST	HE	103	102	ES		1234	2.002	0.26							1.0
PUK	HZ	159	1	EP		1234	6.447	0.24							0.9

May 18 2023 Hour: 21:17 6.6 Lat: 40.21N Lon: 19.50E D: 19.4 Ag: TIR Local  
Magnitudes: 2.9ML TIR 3.2MW TIR Rms: 0.5 secs  
24 km NW of Himare

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL06AHZ		26	121	EP		2117	2.298	0.02							1.0
AL06AHE		26	121	ES		2117	6.835	-0.04							1.0
VLO	HZ	29	0	EP		2117	2.128	-0.49							1.0
VLO	HE	29	0	ES		2117	7.042	-0.45							1.0
VLO	HZ	29	0	IAML		2117	9.438			2038	0.5				
TPE	HZ	45	78	EP		2117	4.621	-0.53							1.0
TPE	HN	45	78	ES		2117	1.308	-0.76							1.0
TPE	HZ	45	78	IAML		2117	2.271			789	0.7				
SRN	HZ	57	130	EP		2117	6.718	-0.22							1.0
SRN	HE	57	130	ES		2117	5.030	-0.28							1.0
SRN	HZ	57	130	IAML		2117	6.125			275	0.6				
BPA2	HZ	59	10	EP		2117	7.504	0.23							1.0
BPA2	HN	59	10	ES		2117	6.406	0.49							1.0
KEK	HZ	61	155	EP		2117	7.717	0.05							1.0
KEK	HN	61	155	ES		2117	6.719	0.09							1.0
KEK	HZ	61	155	IAML		2117	2.180			336	0.3				
BERA	HZ	67	35	EP		2117	8.255	-0.37							1.0
BERA	HE	67	35	ES		2117	8.271	-0.08							1.0
BERA	HZ	67	35	IAML		2117	0.960			387	0.2				
AL04AHZ		89	4	EP		2117	3.153	0.96							1.0
SCTE	HZ	89	260	EP		2117	2.840	0.61							1.0
SCTE	HN	89	260	ES		2117	4.851	-0.03							1.0
AL05AHZ		94	54	EP		2117	2.343	-0.74							1.0
AL05AHE		94	54	ES		2117	6.853	0.42							1.0



AL05AHZ	94	54	IAML	2117	0.400			0.20	0.3				
LSK HZ	94	94	EP	2117	2.837	-0.34							1.0
LSK HN	94	94	ES	2117	6.743	0.14							1.0
LSK HZ	94	94	IAML	2117	5.285			256	0.6				
IGT HZ	104	136	EP	2117	4.779	0.05							1.0
IGT HN	104	136	ES	2117	9.805	0.39							1.0
IGT HZ	104	136	IAML	2117	3.359			141	0.4				
AL08AHZ	112	27	EP	2117	6.093	0.05							1.0
AL08AHN	112	27	ES	2117	2.358	0.57							1.0
KBN HZ	119	67	EP	2117	7.657	0.42							1.0
KBN HN	119	67	ES	2117	4.950	1.00							1.0
KBN HZ	119	67	IAML	2117	6.951			154	0.6				
AL07AHZ	126	52	EP	2117	8.367	-0.01							1.0
NEST HZ	134	80	EP	2117	9.886	0.25							1.0
NEST HN	134	80	ES	2117	8.666	0.37							1.0
NEST HZ	134	80	IAML	2117	2.498			140	0.5				
AL03AHN	160	15	ES	2117	4.879	-0.50							0.9
AL03AHZ	160	15	IAML	2117	5.636			0.10	0.4				
LACI HZ	160	7	EP	2117	3.240	-0.16							0.9
LACI HN	160	7	ES	2117	3.905	-1.20							0.9
LACI HZ	160	7	IAML	2118	0.134			31	0.5				
AL03AHZ	160	15	EP	2117	3.240	-0.31							0.9
PHP HZ	182	26	EP	2117	6.810	0.44							0.9
PHP HN	182	26	ES	2118	0.389	-0.09							0.9
PHP HZ	182	26	IAML	2118	7.105			30	1.2				
LKD2 HZ	187	147	EP	2117	6.918	-0.04							0.9
KZN HZ	194	86	EP	2117	8.541	0.62							0.9
SDA HZ	204	0	EP	2117	9.840	0.70							0.9
SDA HZ	204	0	IAML	2118	7.646			6	0.6				
PUK HZ	206	9	EP	2117	8.945	-0.55							0.9
PUK HZ	206	9	IAML	2118	3.921			22	2.6				
NOCI HZ	216	288	EP	2117	1.614	0.95							0.9
KKS HZ	220	20	EP	2117	1.246	-0.01							0.9
THL HZ	227	108	EP	2117	2.376	0.31							0.9
AL01AHZ	237	1	EP	2117	2.328	-1.18							0.9
AL01AHZ	237	1	IAML A	2118	9.333								
BCI HZ	244	11	EP	2117	4.167	-0.15							0.9
BCI HZ	244	11	IAML A	2118	1.332			35	0.7				
VLS HZ	245	157	EP	2117	2.977	-1.38							0.9
PRZK HZ	246	25	EP	2117	4.492	-0.10							0.9
PDG HZ	247	356	EP	2117	5.357	0.71							0.9
PDG HZ	247	356	IAML	2118	5.281			21	0.6				
THE HZ	298	80	IAML A	2118	4.117			6	1.7				

May 19 2023 Hour: 3: 2 57.0 Lat: 40.20N Lon: 19.49E D: 17.8 Ag: TIR Local  
Magnitudes: 1.8ML TIR 2.6MW TIR Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL06AHZ		26	117	EP		0303	2.394	-0.15							1.0
AL06AHN		26	117	ES		0303	7.501	0.49							1.0
VLO HZ		30	2	EP		0303	2.755	-0.38							1.0
VLO HN		30	2	ES		0303	8.556	0.48							1.0
VLO HZ		30	2	IAML		0303	9.704			130	0.3				
TPE HZ		46	76	EP		0303	4.523	-1.14							1.0
TPE HE		46	76	ES		0303	1.200	-1.45							1.0
TPE HZ		46	76	IAML		0303	4.240			49	0.7				
SRN HZ		56	129	EP		0303	6.546	-0.70							1.0
SRN HE		56	129	ES		0303	5.217	-0.30							1.0
SRN HZ		56	129	IAML		0303	6.180			14	0.5				
KEK HZ		60	153	EP		0303	8.316	0.44							1.0
KEK HN		60	153	ES		0303	8.337	1.68							1.0
KEK HZ		60	153	IAML		0303	2.930			24	0.2				
BERA HZ		69	35	EP		0303	9.039	-0.23							1.0
BERA HN		69	35	ES		0303	9.885	0.70							1.0

BERA	HZ	69	35	IAML	0303	1.081			23	0.2			
SCTE	HZ	88	261	EP	0303	2.688	0.23						1.0
SCTE	HN	88	261	ES	0303	4.699	-0.26						1.0
LSK	HZ	95	93	EP	0303	2.367	-1.32						1.0
LSK	HN	95	93	ES	0303	6.840	-0.33						1.0
LSK	HZ	95	93	IAML	0303	0.734			17	0.7			
AL05AHZ		95	53	EP	0303	3.996	0.27						1.0
AL05AHN		95	53	ES	0303	7.445	0.19						1.0
IGT	HZ	103	135	EP	0303	5.327	0.29						1.0
IGT	HE	103	135	ES	0303	9.609	-0.02						1.0
IGT	HZ	103	135	IAML	0303	4.591			10	0.4			
KBN	HZ	120	66	EP	0303	7.560	-0.31						1.0
KBN	HN	120	66	ES	0303	5.320	0.57						1.0
KBN	HZ	120	66	IAML	0303	7.664			8	0.8			
NEST	HZ	135	79	EP	0303	1.021	0.71						1.0
NEST	HN	135	79	ES	0303	0.416	1.25						1.0
NEST	HZ	135	79	IAML	0303	2.705			8	0.5			
PHP	HZ	184	26	EP	0303	7.214	0.02						0.9
LKD2	HZ	186	147	EP	0303	7.162	-0.28						0.9
LKD2	HN	186	147	ES	0303	1.067	-1.01						0.9
THL	HZ	227	107	EP	0303	3.535	0.83						0.9
THL	HN	227	107	ES	0304	1.447	-0.15						0.9

**May 19 2023 Hour: 5:45 22.8 Lat: 41.01N Lon: 19.94E D: 17.6 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR 2.6MW TIR Rms: 0.6 secs**  
**4 km SW of Cerrik**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL08AHZ		17	53	EP		0545	7.450	0.30							1.0
AL08AHN		17	53	ES		0545	1.606	0.97							1.0
AL04AHZ		32	269	EP		0545	9.168	-0.01							1.0
AL04AHN		32	269	ES		0545	4.794	0.49							1.0
BERA	HZ	34	179	EP		0545	8.411	-1.15							1.0
BERA	HN	34	179	ES		0545	4.335	-0.68							1.0
BERA	HZ	34	179	IAML		0545	5.689		136	0.2					
AL03AHZ		66	5	EP		0545	3.962	-0.65							1.0
AL03AHN		66	5	ES		0545	3.406	-0.73							1.0
LACI	HZ	72	345	EP		0545	4.772	-0.82							1.0
LACI	HN	72	345	ES		0545	5.018	-0.91							1.0
LACI	HZ	72	345	IAML		0545	8.584		29	0.8					
TPE	HZ	80	175	EP		0545	6.537	-0.42							1.0
TPE	HN	80	175	ES		0545	8.832	0.44							1.0
TPE	HZ	80	175	IAML		0545	2.431		26	0.6					
KBN	HZ	84	121	EP		0545	7.246	-0.34							1.0
KBN	HN	84	121	ES		0545	9.272	-0.25							1.0
KBN	HZ	84	121	IAML		0545	5.419		5	0.5					
PHP	HZ	86	29	EP		0545	7.685	-0.24							1.0
PHP	HN	86	29	ES		0545	9.644	-0.50							1.0
PHP	HZ	86	29	IAML		0545	4.287		10	0.4					
AL06AHZ		104	189	EP		0545	1.375	0.49							1.0
AL06AHN		104	189	ES		0545	5.298	-0.21							1.0
LSK	HZ	111	150	EP		0545	2.547	0.42							1.0
LSK	HN	111	150	ES		0545	8.431	0.69							1.0
LSK	HZ	111	150	IAML		0546	3.404		11	0.7					
PUK	HZ	114	358	EP		0545	3.134	0.41							1.0
PUK	HN	114	358	ES		0545	9.375	0.54							1.0
PUK	HZ	114	358	IAML		0546	2.610		15	0.8					
SDA	HZ	121	342	EP		0545	4.858	1.11							1.0
SDA	HN	121	342	ES		0546	0.857	0.18							1.0
SDA	HZ	121	342	IAML		0546	1.795		1	0.4					
SRN	HZ	126	178	EP		0545	4.908	0.35							1.0
SRN	HN	126	178	ES		0546	1.784	-0.37							1.0
SRN	HZ	126	178	IAML		0546	2.866		7	0.2					
KEK	HZ	145	185	EP		0545	7.711	0.12							1.0
BCI	HZ	151	4	EP		0545	9.507	0.95							1.0

BCI HZ 151 4 IAML 0546 5.935 19 0.6

**May 19 2023 Hour: 10:43 24.0 Lat: 40.96N Lon: 19.81E D: 4.4 Ag: TIR Local**  
**Magnitudes: 1.3ML TIR 2.0MW TIR Rms: 0.6 secs**  
**7 km W of Belsh**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL08AHZ		29	57	EP		1043	9.090	-0.21							1.0
AL08AHN		29	57	ES		1043	3.604	0.01							1.0
BERA HZ		31	158	EP		1043	9.753	0.16							1.0
BERA HN		31	158	ES		1043	4.542	0.44							1.0
BERA HZ		31	158	IAML		1043	5.549			72	0.4				
AL05AHZ		57	120	EP		1043	3.462	-0.69							1.0
AL05AHN		57	120	ES		1043	1.949	-0.41							1.0
LACI HZ		76	354	EP		1043	7.549	0.03							1.0
LACI HN		76	354	ES		1043	7.504	-0.96							1.0
LACI HZ		76	354	IAML		1043	9.113			5					
PHP HZ		96	33	EP		1043	1.807	0.60							1.0
PHP HN		96	33	ES		1043	6.172	1.04							1.0
PHP HZ		96	33	IAML		1043	8.731			4	0.5				
PUK HZ		120	3	EP		1043	5.386	0.12							1.0
PUK HN		120	3	ES		1044	2.263	-0.21							1.0
PUK HZ		120	3	IAML		1044	4.548			3	0.5				
NEST HZ		121	120	EP		1043	6.223	0.87							1.0
NEST HN		121	120	ES		1044	1.834	-0.80							1.0
NEST HZ		121	120	IAML		1044	4.887			2					

**May 19 2023 Hour: 21: 8 43.5 Lat: 41.14N Lon: 20.27E D: 10.4 Ag: TIR Local**  
**Magnitudes: 1.4ML TIR 2.0MW TIR Rms: 0.3 secs**  
**6 km SW of Librazhd**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL08AHZ		14	256	EP		2108	6.381	-0.29							1.0
AL08AHE		14	256	ES		2108	9.325	0.08							1.0
BERA HZ		55	209	EP		2108	3.733	0.30							1.0
BERA HE		55	209	ES		2109	1.043	-0.43							1.0
BERA HZ		55	209	IAML		2109	5.872			9	0.2				
AL03AHZ		56	337	EP		2108	4.187	0.56							1.0
AL03AHN		56	337	ES		2109	1.667	-0.15							1.0
PHP HZ		63	13	EP		2108	4.337	-0.38							1.0
PHP HE		63	13	ES		2109	3.445	-0.36							1.0
PHP HZ		63	13	IAML		2109	8.376			6	0.2				
LACI HZ		72	321	EP		2108	6.564	0.31							1.0
LACI HN		72	321	ES		2109	6.350	-0.24							1.0
LACI HZ		72	321	IAML		2109	4.216			9	0.4				
NEST HZ		104	140	EP		2109	1.783	0.16							1.0
NEST HN		104	140	ES		2109	6.218	-0.08							1.0
NEST HZ		104	140	IAML		2109	8.075			6	0.4				
KKS HZ		105	6	EP		2109	1.639	-0.07							1.0
KKS HE		105	6	ES		2109	6.571	0.12							1.0
PUK HZ		105	343	EP		2109	2.204	0.34							1.0
PUK HN		105	343	ES		2109	6.893	0.16							1.0
PUK HZ		105	343	IAML		2109	0.037			3	0.3				
LSK HZ		113	166	EP		2109	2.688	-0.47							1.0
LSK HE		113	166	ES		2109	9.512	0.44							1.0
LSK HZ		113	166	IAML		2109	8.065			6	0.5				

**May 19 2023 Hour: 22: 0 31.3 Lat: 40.60N Lon: 19.70E D: 9.9 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.4 secs**  
**3 km W of Ballsh**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLO HZ		23	229	EP		2200	5.441	-0.26							1.0
VLO HE		23	229	ES		2200	9.153	-0.15							1.0
VLO HZ		23	229	IAML		2200	3.686			839	0.2				
BERA HZ		24	63	EP		2200	6.044	0.15							1.0
BERA HN		24	63	ES		2200	9.631	-0.02							1.0

BERA HZ	24	63	IAML	2200	1.385			248	0.1				
TPE HZ	44	142	EP	2200	9.111-0.16								1.0
TPE HZ	44	142	IAML	2200	7.521			77	0.2				
AL04AHZ	46	346	EP	2200	0.977 1.29								1.0
AL06AHZ	58	175	EP	2200	1.339-0.28								1.0
AL06AHN	58	175	ES	2200	0.314 0.30								1.0
AL08AHZ	65	31	EP	2200	2.862-0.06								1.0
AL08AHN	65	31	ES	2200	2.502 0.13								1.0
SRN HZ	84	162	EP	2200	6.291 0.19								1.0
SRN HZ	84	162	IAML	2201	1.106			19	0.4				
LSK HZ	92	123	EP	2200	7.039-0.33								1.0
LSK HZ	92	123	IAML	2201	0.517			22	0.6				
KBN HZ	92	88	EP	2200	6.567-0.89								1.0
KBN HZ	92	88	IAML	2201	4.677			9	0.4				
KEK HZ	99	175	EP	2200	7.900-0.70								1.0
KEK HN	99	175	ES	2201	3.322 0.67								1.0
KEK HZ	99	175	IAML	2201	6.331			36	0.3				
AL03AHZ	114	13	EP	2200	0.721-0.28								1.0
LACI HZ	115	1	EP	2200	1.376 0.23								1.0
LACI HZ	115	1	IAML	2201	2.545			12	0.4				
NEST HZ	116	100	EP	2200	1.631 0.13								1.0
NEST HZ	116	100	IAML	2201	4.934			13	0.5				
SCTE HZ	120	241	EP	2200	1.637-0.41								1.0
IGT HZ	131	155	EP	2200	4.679 0.84								1.0
IGT HE	131	155	ES	2201	2.254 0.12								1.0
IGT HZ	131	155	IAML	2201	3.776			9	0.5				
PHP HZ	135	27	EP	2200	4.559-0.05								1.0
PHP HZ	135	27	IAML	2201	1.952			16	0.9				
SDA HZ	161	354	EP	2200	8.516-0.42								0.9
PUK HZ	161	6	EP	2200	8.677-0.17								0.9
PUK HZ	161	6	IAML	2201	6.711			7	0.4				
PRZK HZ	199	26	EP	2201	4.557 0.31								0.9
LKD2 HZ	218	157	EP	2201	6.481-0.11								0.9
PVY HZ	222	6	EP	2201	7.140-0.12								0.9

May 19 2023 Hour: 23: 9 20.2 Lat: 41.36N Lon: 20.32E D: 9.3 Ag: TIR Local  
Magnitudes: 1.9ML TIR 2.5MW TIR Rms: 0.4 secs

16 km SE of Bulqize

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL08AHE		34	212	ES		2309	1.561	0.13							1.0
AL03AHN		37	316	ES		2309	3.381	0.74							1.0
PHP HN		38	16	ES		2309	2.938	0.23							1.0
LACI HZ		59	302	EP		2309	0.089-0.66								1.0
LACI HE		59	302	ES		2309	9.425 0.10								1.0
LACI HZ		59	302	IAML		2309	1.239		54	0.1					
AL07AHZ		60	149	EP		2309	0.899-0.04								1.0
AL07AHN		60	149	ES		2309	0.366 0.70								1.0
AL05AHZ		73	175	EP		2309	2.826-0.34								1.0
AL05AHE		73	175	ES		2309	3.983 0.27								1.0
AL04AHZ		75	238	EP		2309	3.628 0.24								1.0
BERA HZ		79	203	EP		2309	4.154-0.03								1.0
BERA HN		79	203	ES		2309	5.850 0.30								1.0
BERA HZ		79	203	IAML		2309	7.353		29	0.2					
KKS HZ		80	5	EP		2309	4.142-0.10								1.0
KKS HE		80	5	ES		2309	5.700 0.05								1.0
PUK HZ		84	335	EP		2309	5.113 0.15								1.0
PUK HN		84	335	ES		2309	7.533 0.58								1.0
PUK HZ		84	335	IAML		2309	2.111		9	0.2					
KBN HZ		91	154	EP		2309	6.644 0.47								1.0
KBN HN		91	154	ES		2309	9.270 0.13								1.0
KBN HZ		91	154	IAML		2309	5.635		11	0.4					
PRZK HZ		101	21	EP		2309	7.893-0.02								1.0
PRZK HN		101	21	ES		2309	1.809-0.48								1.0
SDA HZ		102	319	EP		2309	8.252 0.21								1.0

SDA	HZ	102	319	ES	2309	2.664	0.14										1.0
SDA	HZ	102	319	IAML	2309	5.159			8	0.1							
BCI	HZ	114	350	EP	2309	0.010	0.06										1.0
BCI	HN	114	350	ES	2309	6.843	0.86										1.0
BCI	HZ	114	350	IAML	2310	4.317			11	0.3							
NEST	HZ	122	149	EP	2309	1.260	-0.08										1.0
NEST	HN	122	149	ES	2309	9.086	0.59										1.0
NEST	HZ	122	149	IAML	2310	2.550			11	0.3							
LSK	HZ	137	170	EP	2309	3.646	-0.14										1.0
LSK	HE	137	170	ES	2310	2.954	0.04										1.0
LSK	HZ	137	170	IAML	2310	1.731			9	0.9							
PVY	HZ	140	348	EP	2309	3.745	-0.69										1.0
PVY	HE	140	348	ES	2310	3.419	-0.67										1.0
PDG	HZ	148	324	EP	2309	5.563	-0.01										1.0
PDG	HE	148	324	ES	2310	6.837	0.68										1.0
PDG	HZ	148	324	IAML	2310	0.400			11	0.3							
AL06AHZ		149	199	EP	2309	5.498	-0.29										1.0
SRN	HZ	167	189	EP	2309	8.241	-0.48										0.9
KEK	HZ	188	194	EP	2309	1.224	-0.52										0.9
KEK	HN	188	194	ES	2310	6.989	-0.34										0.9
KEK	HZ	188	194	IAML	2310	3.702			8	0.7							
NKME	HZ	193	325	EP	2309	2.355	-0.04										0.9
NKME	HE	193	325	ES	2310	7.943	-0.56										0.9
AL08AHZ				EP	2309	4.956											
AL03AHZ				EP	2309	6.479											
PHP	HZ			EP	2309	7.347											
PHP	HZ	38	16	IAML	2309	4.253			102	0.1							

**May 20 2023 Hour: 8:54 47.4 Lat: 38.69N Lon: 20.60E D: 3.9 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.3 secs**

**113 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
LKD2	HZ	12	24	EP		0854	9.701	-0.01							1.0	
LKD2	HN	12	24	ES		0854	1.599	0.01							1.0	
VLS	HZ	57	181	EP		0854	6.945	-0.59							1.0	
VLS	HN	57	181	ES		0855	6.081	0.32							1.0	
IGT	HZ	97	346	EP		0855	5.005	0.35							1.0	
IGT	HE	97	346	ES		0855	8.452	-0.20							1.0	
IGT	HZ	97	346	IAML		0855	0.934			18	0.5					
THL	HZ	156	51	EP		0855	4.905	0.31							1.0	
THL	HE	156	51	ES		0855	6.461	-0.17							1.0	

**May 21 2023 Hour: 0:25 35.9 Lat: 39.12N Lon: 21.43E D: 5.0F Ag: TIR Local**  
**Magnitudes: 2.9ML TIR 3.3MW TIR Rms: 0.8 secs**

**122 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
THL	HZ	70	46	EP		0025	7.090	-1.40							1.0	
THL	HN	70	46	ES		0025	8.289	-0.41							1.0	
LKD2	HZ	76	241	EP		0025	9.588	0.01							1.0	
LKD2	HN	76	241	ES		0026	0.107	-0.55							1.0	
IGT	HZ	105	296	EP		0025	3.610	-0.88							1.0	
IGT	HN	105	296	ES		0026	9.217	-0.33							1.0	
IGT	HZ	105	296	IAML		0026	2.861			80	0.3					
VLS	HZ	128	215	EP		0025	7.779	-0.54							1.0	
VLS	HE	128	215	ES		0026	6.565	0.08							1.0	
LSK	HZ	134	328	EP		0025	7.466	-1.99							1.0	
LSK	HN	134	328	ES		0026	8.053	-0.49							1.0	
LSK	HZ	134	328	IAML		0026	7.773			165	0.7					
KZN	HZ	135	12	EP		0025	8.968	-0.52							1.0	
NEST	HZ	147	347	EP		0026	1.181	-0.38							1.0	
NEST	HZ	147	347	IAML		0026	7.773			182	0.6					
SRN	HZ	149	305	EP		0026	1.332	-0.46							1.0	
SRN	HN	149	305	ES		0026	2.312	-0.46							1.0	
SRN	HZ	149	305	IAML		0026	9.863			94	0.4					

KEK	HZ	155	296	EP	0026	3.109	0.29								1.0
KEK	HN	155	296	ES	0026	4.667	0.03								1.0
KEK	HZ	155	296	IAML	0026	0.803		129	0.6						
KBN	HZ	175	342	EP	0026	5.513	-0.76								0.9
KBN	HN	175	342	ES	0026	1.597	0.71								0.9
KBN	HZ	175	342	IAML	0026	9.686		55	0.6						
TPE	HZ	178	317	EP	0026	5.931	-0.70								0.9
AL06AHZ	179	307	EP	0026	6.558	-0.29									0.9
AL05AHZ	197	334	EP	0026	9.658	0.49									0.9
AL05AHN	197	334	ES	0026	6.600	0.48									0.9
AL05AHZ	197	334	IAML	A	0026	1.577									
AL07AHZ	207	342	EP	0026	0.854	0.30									0.9
AL07AHE	207	342	ES	0026	9.382	0.75									0.9
THE	HZ	213	38	EP	0026	0.356	-0.82								0.9
THE	HZ	213	38	IAML	0026	5.154		11	0.6						
BERA	HZ	216	325	EP	0026	1.752	0.14								0.9
BERA	HE	216	325	ES	0026	1.886	1.35								0.9
BERA	HZ	216	325	IAML	0026	9.752		36	0.7						
ITM	HZ	220	168	EP	0026	4.345	2.21								0.9
PLG	HZ	222	51	EP	0026	2.151	-0.20								0.9
AL08AHZ	247	333	EP	0026	6.029	0.41									0.9
AL08AHE	247	333	ES	0026	9.702	1.90									0.9
AL04AHZ	263	323	EP	0026	9.131	1.54									0.9
PHP	HZ	297	344	EP	0026	2.232	0.26								0.8
PHP	HZ	297	344	IAML	0027	7.645		15	0.7						
AL03AHZ	301	337	EP	0026	2.897	0.43									0.8
AL03AHZ	301	337	IAML	0027	7.060				1.2						
LACI	HZ	315	333	EP	0026	4.669	0.45								0.8
LACI	HZ	315	333	IAML	0027	9.608		16	1.1						
NVR	HZ	323	39	EP	0026	6.220	0.92								0.8
KKS	HZ	339	345	EP	0026	7.660	0.28								0.8
PUK	HZ	349	339	EP	0026	8.989	0.22								0.8
PUK	HZ	349	339	IAML	0027	2.931		5	0.5						
BCI	HZ	378	343	EP	0026	2.865	0.45								0.8
BCI	HZ	378	343	IAML	0027	6.918		14							

May 21 2023 Hour: 6:21 31.4 Lat: 40.28N Lon: 21.36E D: 16.2 Ag: TIR Local  
Magnitudes: 1.8ML TIR 2.9MW TIR Rms: 0.3 secs  
49 km SE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	31	299	EP		0621	7.760	0.23							1.0
NEST	HE	31	299	ES		0621	2.586	0.09							1.0
NEST	HZ	31	299	IAML		0621	6.026		110	0.3					
KZN	HZ	35	85	EP		0621	8.625	0.46							1.0
KZN	HN	35	85	ES		0621	3.463	-0.18							1.0
KBN	HZ	62	308	EP		0621	2.562	0.02							1.0
KBN	HN	62	308	ES		0621	1.420	-0.15							1.0
KBN	HZ	62	308	IAML		0621	2.682		15	0.2					
LSK	HZ	67	258	EP		0621	2.251	-1.11							0.5
LSK	HN	67	258	ES		0621	2.625	-0.41							1.0
LSK	HZ	67	258	IAML		0621	8.034		16	0.2					
AL05AHZ	95	300	EP			0621	7.911	-0.08							1.0
AL05AHN	95	300	ES			0622	1.023	-0.40							1.0
THL	HZ	97	145	EP		0621	8.177	-0.16							1.0
THL	HN	97	145	ES		0622	1.789	-0.27							1.0
IGT	HZ	121	227	EP		0621	2.772	0.41							1.0
IGT	HE	121	227	ES		0622	9.348	0.01							1.0
IGT	HZ	121	227	IAML		0622	5.051		9	0.5					
BERA	HZ	129	292	EP		0621	3.664	0.08							1.0
BERA	HZ	129	292	IAML		0622	5.979		11	0.4					
AL06AHZ	138	262	EP			0621	5.464	0.25							1.0
AL06AHE	138	262	ES			0622	4.939	0.45							1.0

May 21 2023 Hour: 6:28 58.3 Lat: 40.33N Lon: 21.38E D: 26.8 Ag: TIR Local  
 Magnitudes: 1.6ML TIR 3.1MW TIR Rms: 0.4 secs  
 47 km SE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	30	289	EP		0629	5.409	0.13							1.0
NEST	HN	30	289	ES		0629	0.601	-0.34							1.0
NEST	HZ	30	289	IAML		0629	2.408			61	0.1				
KZN	HZ	33	93	EP		0629	6.157	0.54							1.0
KZN	HE	33	93	ES		0629	1.509	-0.05							1.0
KBN	HZ	61	303	EP		0629	0.144	0.57							1.0
KBN	HN	61	303	ES		0629	8.868	0.15							1.0
KBN	HZ	61	303	IAML		0629	0.096			12	0.1				
LSK	HZ	70	254	EP		0629	9.994	-0.99							1.0
LSK	HE	70	254	ES		0629	1.295	0.02							1.0
LSK	HZ	70	254	IAML		0629	5.716			12	0.4				
AL05AHZ		94	297	EP		0629	4.490	-0.28							1.0
AL05AHN		94	297	ES		0629	8.172	0.04							1.0
THL	HZ	100	147	EP		0629	5.125	-0.56							1.0
THL	HN	100	147	ES		0629	9.827	0.04							1.0
IGT	HZ	126	226	EP		0629	9.827	0.09							1.0
IGT	HN	126	226	ES		0629	7.788	0.67							1.0

May 21 2023 Hour: 11:52 48.7 Lat: 41.80N Lon: 20.36E D: 7.0F Ag: TIR Local  
 Magnitudes: 1.5ML TIR 2.0MW TIR Rms: 0.3 secs  
 13 km NW of Peshkopi

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	14	152	EP		1152	1.508	-0.12							1.0
PHP	HE	14	152	ES		1152	3.582	-0.41							1.0
PHP	HZ	14	152	IAML		1152	4.195			114	0.1				
KKS	HZ	31	7	EP		1152	4.862	0.51							1.0
KKS	HN	31	7	ES		1152	8.810	-0.11							1.0
AL03AHZ		37	234	EP		1152	5.264	-0.15							1.0
AL03AHE		37	234	ES		1153	0.884	0.05							1.0
PUK	HZ	47	305	EP		1152	7.014	-0.25							1.0
PUK	HN	47	305	ES		1153	3.856	-0.34							1.0
PUK	HZ	47	305	IAML		1153	6.824			19	0.2				
LACI	HZ	56	252	EP		1152	8.842	-0.01							1.0
LACI	HE	56	252	ES		1153	7.192	0.14							1.0
LACI	HZ	56	252	IAML		1153	0.152			9	0.1				
PRZK	HZ	57	36	EP		1152	9.035	0.13							1.0
PRZK	HE	57	36	ES		1153	7.103	-0.05							1.0
BCI	HZ	68	339	EP		1153	0.283	-0.57							1.0
BCI	HN	68	339	ES		1153	0.898	0.21							1.0
BCI	HZ	68	339	IAML		1153	5.139			11	0.2				
SDA	HZ	77	292	EP		1153	2.654	0.22							1.0
SDA	HE	77	292	ES		1153	3.724	0.18							1.0
SDA	HZ	77	292	IAML		1153	4.956			3	0.1				
NEST	HZ	164	159	EP		1153	7.758	0.63							0.9

May 21 2023 Hour: 19: 5 53.8 Lat: 40.15N Lon: 19.61E D: 21.4 Ag: TIR Local  
 Magnitudes: 2.8ML TIR 3.2MW TIR Rms: 0.6 secs  
 12 km NW of Himare

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL06AHZ		15	119	EP		1905	8.116	-0.21							1.0
AL06AHN		15	119	ES		1906	1.471	-0.50							1.0
VLO	HZ	36	345	EP		1906	1.226	0.11							1.0
VLO	HE	36	345	ES		1906	7.727	0.71							1.0
VLO	HZ	36	345	IAML		1906	8.980			1470	0.3				
TPE	HZ	38	65	EP		1906	0.609	-0.77							1.0
TPE	HN	38	65	ES		1906	6.651	-0.85							1.0
TPE	HZ	38	65	IAML		1906	7.721			1774	0.6				
SRN	HZ	45	132	EP		1906	2.066	-0.36							1.0
SRN	HN	45	132	ES		1906	9.102	-0.30							1.0

SRN	HZ	45	132	IAML	1906	9.283		320	1.4	
KEK	HZ	51	161	EP	1906	3.667	0.23			1.0
KEK	HN	51	161	ES	1906	1.485	0.26			1.0
KEK	HZ	51	161	IAML	1906	8.319		275	0.3	
BPA2	HZ	64	1	EP	1906	5.135	-0.32			1.0
BERA	HZ	68	25	EP	1906	4.926	-1.09			1.0
BERA	HN	68	25	ES	1906	6.226	0.33			1.0
BERA	HZ	68	25	IAML	1906	9.357		336	0.4	
LSK	HZ	84	90	EP	1906	8.307	-0.51			1.0
LSK	HN	84	90	ES	1906	0.644	-0.32			1.0
LSK	HZ	84	90	IAML	1906	1.664		455	0.9	
AL05AHZ		91	47	EP	1906	9.292	-0.50			1.0
AL05AHN		91	47	ES	1906	3.409	0.69			1.0
IGT	HZ	93	138	EP	1906	0.540	0.41			1.0
IGT	HN	93	138	ES	1906	4.342	1.01			1.0
IGT	HZ	93	138	IAML	1906	5.872		111	0.6	
AL04AHZ		95	358	EP	1906	1.779	1.28			1.0
AL04AHN		95	358	ES	1906	4.897	0.89			1.0
SCTE	HZ	98	265	EP	1906	1.013	0.07			1.0
SCTE	HN	98	265	ES	1906	5.061	0.26			1.0
KBN	HZ	113	62	EP	1906	3.397	-0.01			1.0
KBN	HN	113	62	ES	1906	9.350	0.09			1.0
KBN	HZ	113	62	IAML	1906	4.685		116	0.7	
AL08AHZ		114	21	EP	1906	3.571	0.09			1.0
AL08AHN		114	21	ES	1906	9.710	0.31			1.0
JAN	HZ	120	117	EP	1906	5.260	0.82			1.0
JAN	HN	120	117	ES	1906	1.034	-0.10			1.0
NEST	HZ	126	76	EP	1906	5.945	0.48			1.0
NEST	HE	126	76	ES	1906	2.835	-0.16			1.0
NEST	HZ	126	76	IAML	1906	1.910		119	0.5	
AL03AHZ		164	12	EP	1906	0.674	-0.39			0.9
LACI	HZ	165	3	EP	1906	1.364	0.24			0.9
LACI	HN	165	3	ES	1906	3.360	0.13			0.9
LACI	HZ	165	3	IAML	1906	3.118		50	0.4	
LKD2	HZ	176	149	EP	1906	2.814	0.21			0.9
LKD2	HE	176	149	ES	1906	5.649	-0.27			0.9
PHP	HZ	184	22	EP	1906	3.623	-0.00			0.9
PHP	HN	184	22	ES	1906	7.800	0.03			0.9
PHP	HZ	184	22	IAML	1906	8.941		39	1.2	
KZN	HZ	185	84	EP	1906	4.624	0.87			0.9
KZN	HN	185	84	ES	1906	7.800	-0.21			0.9
PUK	HZ	211	6	EP	1906	6.446	-0.70			0.9
SDA	HZ	211	358	EP	1906	6.203	-0.79			0.9
SDA	HZ	211	358	IAML	1906	3.790		7	0.4	
PUK	HE	211	6	ES	1906	3.558	-0.58			0.9
PUK	HZ	211	6	IAML	1906	9.440		28	0.3	
THL	HZ	216	107	EP	1906	7.966	0.32			0.9
THL	HN	216	107	ES	1906	5.618	0.57			0.9
KKS	HZ	223	17	EP	1906	8.639	-0.01			0.9
NOCI	HZ	227	289	EP	1906	7.153	-1.95			0.9

May 21 2023 Hour: 20:58 35.1 Lat: 40.15N Lon: 19.64E D: 19.9 Ag: TIR Local  
Magnitudes: 1.7ML TIR 2.2MW TIR Rms: 0.8 secs  
10 km NW of Himare

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL06AHZ		13	124	EP		2058	8.976	-0.20							1.0
AL06AHE		13	124	ES		2058	2.370	-0.14							1.0
TPE	HZ	36	64	EP		2058	1.392	-0.80							1.0
TPE	HN	36	64	ES		2058	7.067	-0.91							1.0
TPE	HZ	36	64	IAML		2058	8.362			58	0.3				
VLO	HZ	37	341	EP		2058	3.972	1.65							1.0
VLO	HN	37	341	ES		2058	9.089	0.87							1.0
VLO	HZ	37	341	IAML		2058	0.076			44	0.4				
SRN	HZ	44	134	EP		2058	2.903	-0.42							1.0



SRN	HN	44	134	ES	2058	0.051	0.03							1.0
SRN	HZ	44	134	IAML	2058	3.359		20	0.2					
KEK	HZ	51	164	EP	2058	4.738	0.24							1.0
KEK	HN	51	164	ES	2058	2.620	0.47							1.0
KEK	HZ	51	164	IAML	2058	5.060		17	0.4					
BERA	HZ	67	24	EP	2058	7.446	0.41							1.0
BERA	HN	67	24	ES	2058	5.547	-1.19							1.0
LSK	HZ	82	90	EP	2058	8.881	-0.75							1.0
LSK	HE	82	90	ES	2059	1.818	0.38							1.0
LSK	HZ	82	90	IAML	2059	3.016		17	0.8					
AL05AHZ		89	46	EP	2058	0.635	-0.07							1.0
AL05AHN		89	46	ES	2059	4.458	1.08							1.0
IGT	HZ	91	139	EP	2058	1.622	0.54							1.0
IGT	HN	91	139	ES	2059	4.542	0.48							1.0
IGT	HZ	91	139	IAML	2059	9.898		9	0.7					
SCTE	HZ	100	265	EP	2058	0.721	-1.79							1.0
SCTE	HN	100	265	ES	2059	6.772	0.11							1.0

May 22 2023 Hour: 1:18 22.2 Lat: 39.67N Lon: 20.49E D: 18.5 Ag: TIR Local  
Magnitudes: 3.5ML TIR 3.6MW TIR Rms: 0.6 secs  
26 km E of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	21	221	EP		0118	7.480	0.41							1.0
IGT	HE	21	221	ES		0118	1.797	0.78							1.0
IGT	HZ	21	221	IAML		0118	2.776		8613	0.4					
SRN	HZ	48	299	EP		0118	0.893	-0.16							1.0
SRN	HE	48	299	ES		0118	7.842	-0.39							1.0
SRN	HZ	48	299	IAML		0118	8.863		2619	0.5					
LSK	HZ	54	10	EP		0118	2.000	-0.07							1.0
LSK	HN	54	10	ES		0118	0.327	0.26							1.0
LSK	HZ	54	10	IAML		0118	5.255		1917	0.7					
KEK	HZ	59	274	EP		0118	2.598	-0.37							1.0
KEK	HN	59	274	ES		0118	1.379	-0.32							1.0
KEK	HZ	59	274	IAML		0118	7.018		1585	0.6					
AL06AHZ		78	307	EP		0118	5.456	-0.50							1.0
AL06AHE		78	307	ES		0118	5.614	-1.48							1.0
TPE	HZ	80	330	EP		0118	6.229	-0.09							1.0
TPE	HE	80	330	ES		0118	7.905	0.14							1.0
TPE	HZ	80	330	IAML		0118	3.422		954	0.2					
NEST	HZ	95	30	EP		0118	9.094	0.22							1.0
NEST	HN	95	30	ES		0118	1.668	-0.71							1.0
NEST	HZ	95	30	IAML		0118	9.946		1812	0.4					
LKD2	HZ	99	172	EP		0118	9.384	-0.18							1.0
LKD2	HN	99	172	ES		0118	3.512	-0.13							1.0
KBN	HZ	108	13	EP		0118	0.857	-0.22							1.0
KBN	HN	108	13	ES		0118	5.980	-0.38							1.0
KBN	HZ	108	13	IAML		0118	7.880		363	0.8					
AL05AHZ		115	356	EP		0118	1.716	-0.40							1.0
AL05AHN		115	356	ES		0118	8.685	0.44							1.0
VLO	HZ	122	316	EP		0118	4.591	1.24							1.0
VLO	HE	122	316	ES		0119	1.248	0.77							1.0
VLO	HZ	122	316	IAML		0119	6.250		1197	0.6					
BERA	HZ	123	338	EP		0118	3.119	-0.35							1.0
BERA	HN	123	338	ES		0119	1.675	0.98							1.0
BERA	HZ	123	338	IAML		0119	2.836		988	0.7					
KZN	HZ	130	57	EP		0118	4.551	-0.07							1.0
KZN	HE	130	57	ES		0119	2.672	-0.11							1.0
THL	HZ	131	95	EP		0118	4.987	0.20							1.0
THL	HN	131	95	ES		0119	2.245	-0.84							1.0
AL07AHZ		137	7	EP		0118	6.307	0.60							1.0
AL07AHE		137	7	ES		0119	3.779	-0.97							1.0
BPA2	HZ	139	328	EP		0118	7.144	1.22							1.0
AL08AHZ		162	348	EP		0118	9.520	0.07							0.9
AL08AHN		162	348	ES		0119	1.557	0.03							0.9

VLS	HZ	166	177	EP	0118	9.370	-0.65										0.9
AL04AHZ		168	332	EP	0118	1.575	1.44										0.9
AL04AHE		168	332	ES	0119	2.500	-0.27										0.9
SCTE	HZ	179	285	EP	0118	0.406	-1.13										0.9
AL03AHZ		218	349	EP	0118	6.862	0.25										0.9
PHP	HZ	223	359	EP	0118	7.981	0.65										0.9
PHP	HE	223	359	ES	0119	5.446	-0.34										0.9
PHP	HZ	223	359	IAML	0119	7.099			88	0.9							
LACI	HZ	227	344	EP	0118	7.805	0.01										0.9
LACI	HZ	227	344	IAML	0119	5.110			99	0.4							
THE	HZ	236	62	EP	0118	9.787	0.87										0.9
THE	HZ	236	62	IAML	0119	4.574			29	0.7							
PLG	HZ	264	72	EP	0119	2.917	0.39										0.9
KKS	HZ	266	358	EP	0119	3.462	0.63										0.9
PUK	HZ	268	349	EP	0119	2.761	-0.30										0.9
PUK	HZ	268	349	IAML	0119	0.241			39	0.7							
SDA	HZ	277	343	EP	0119	3.193	-0.91										0.8
SDA	HZ	277	343	IAML	0119	5.165			15	0.6							
PRZK	HZ	283	4	EP	0119	5.162	0.23										0.8
PRZK	HE	283	4	ES	0119	0.219	0.66										0.8
BCI	HZ	301	353	EP	0119	7.820	0.53										0.8
BCI	HZ	301	353	IAML	0119	6.270			73	0.9							
ITM	HZ	304	155	EP	0119	8.082	0.42										0.8
PDG	HZ	323	342	EP	0119	9.028	-1.01										0.8
PDG	HZ	323	342	IAML	0120	6.786			40	0.9							
PVY	HZ	327	352	EP	0119	0.900	0.15										0.8
NVR	HZ	341	56	EP	0119	2.741	0.30										0.8
NKME	HZ	367	340	EP	0119	4.192	-1.55										0.8

May 22 2023 Hour: 3:53 52.8 Lat: 39.01N Lon: 21.14E D: 20.5 Ag: TIR Local  
Magnitudes: 2.8ML TIR Rms: 0.5 secs  
109 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	49	239	EP		0354	2.396	0.50							1.0
LKD2	HN	49	239	ES		0354	9.558	0.26							1.0
JAN	HZ	76	341	EP		0354	6.273	0.02							1.0
JAN	HN	76	341	ES		0354	6.757	-0.43							1.0
IGT	HZ	90	310	EP		0354	8.733	0.08							1.0
IGT	HE	90	310	ES		0354	1.602	0.07							1.0
IGT	HZ	90	310	IAML		0354	9.642			50	0.6				
THL	HZ	97	51	EP		0354	0.553	0.76							1.0
THL	HN	97	51	ES		0354	2.976	-0.62							1.0
VLS	HZ	104	207	EP		0354	0.503	-0.48							1.0
VLS	HN	104	207	ES		0354	5.205	-0.54							1.0
LSK	HZ	134	340	EP		0354	5.926	0.15							1.0
LSK	HZ	134	340	IAML		0354	0.430			113	0.8				
SRN	HZ	137	315	EP		0354	7.241	1.09							1.0
SRN	HN	137	315	ES		0354	4.612	-0.48							1.0
SRN	HZ	137	315	IAML		0354	4.011			23	0.6				
KEK	HZ	139	304	EP		0354	6.871	0.41							1.0
KEK	HE	139	304	ES		0354	4.814	-0.85							1.0
KEK	HZ	139	304	IAML		0354	3.359			78	0.6				
KZN	HZ	154	21	EP		0354	8.721	-0.05							1.0
KZN	HN	154	21	ES		0354	9.310	-0.53							1.0
NEST	HZ	156	357	EP		0354	9.650	0.57							1.0
NEST	HZ	156	357	IAML		0354	6.476			53	0.8				
AL06AHZ		168	316	EP		0354	0.479	-0.09							0.9
TPE	HZ	172	326	EP		0354	0.345	-0.69							0.9
TPE	HN	172	326	ES		0354	4.324	0.39							0.9
TPE	HZ	172	326	IAML		0355	0.969			48	0.9				
KBN	HE	181	351	ES		0354	6.767	0.51							0.9
KBN	HZ	181	351	IAML		0355	0.107			35	0.8				

May 22 2023 Hour: 6:26 2.7 Lat: 41.14N Lon: 19.57E D: 17.9 Ag: TIR Local  
 Magnitudes: 1.7ML TIR 2.4MW TIR Rms: 0.3 secs  
 4 km S of Kavaje

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LACI	HZ	56	13	EP		0626	2.920	-0.02							1.0
LACI	HN	56	13	ES		0626	1.482	0.25							1.0
LACI	HZ	56	13	IAML		0626	2.821			20	0.4				
BERA	HZ	58	146	EP		0626	2.751	-0.53							1.0
BERA	HE	58	146	ES		0626	1.664	-0.17							1.0
BERA	HZ	58	146	IAML		0626	4.795			18	0.2				
AL05AHZ		85	125	EP		0626	7.382	-0.24							1.0
AL05AHN		85	125	ES		0626	9.614	-0.10							1.0
SDA	HZ	101	357	EP		0626	0.363	0.06							1.0
SDA	HE	101	357	ES		0626	4.166	-0.39							1.0
SDA	HZ	101	357	IAML		0626	7.948			3	0.1				
TPE	HZ	101	158	EP		0626	0.506	0.12							1.0
TPE	HE	101	158	ES		0626	5.017	0.32							1.0
PUK	HZ	104	15	EP		0626	0.634	-0.17							1.0
PUK	HE	104	15	ES		0626	5.416	-0.04							1.0
PUK	HZ	104	15	IAML		0626	7.317			7	0.4				
AL06AHZ		118	172	EP		0626	2.848	-0.29							1.0
AL06AHN		118	172	ES		0626	9.714	0.02							1.0
KKS	HZ	125	34	EP		0626	4.773	0.52							1.0
KKS	HN	125	34	ES		0626	1.682	-0.02							1.0
SRN	HZ	145	165	EP		0626	7.895	0.46							1.0
SRN	HE	145	165	ES		0626	7.254	-0.21							1.0
NEST	HZ	149	122	EP		0626	8.605	0.45							1.0
NEST	HN	149	122	ES		0626	8.685	-0.07							1.0
NEST	HZ	149	122	IAML		0626	0.348			7	0.5				
KEK	HZ	160	173	EP		0626	9.991	0.25							0.9
KEK	HN	160	173	ES		0626	1.455	-0.18							0.9
KEK	HZ	160	173	IAML		0626	5.376			11	0.3				
PVY	HZ	165	11	EP		0626	0.856	0.39							0.9
PVY	HN	165	11	ES		0626	2.603	-0.36							0.9
NKME	HZ	188	344	EP	*	0626	1.833	-1.51							0.0
NKME	HN	188	344	ES		0626	6.484	-0.16							0.9

May 22 2023 Hour: 8: 8 20.9 Lat: 41.15N Lon: 20.30E D: 0.5 Ag: TIR Local  
 Magnitudes: 2.6ML TIR 3.1MW TIR Rms: 0.4 secs  
 3 km S of Librazhd

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL08AHZ		17	252	EP		0808	3.973	-0.01							1.0
AL08AHE		17	252	ES		0808	5.992	-0.50							1.0
AL07AHZ		43	131	EP		0808	8.862	0.35							1.0
AL07AHN		43	131	ES		0808	5.332	0.64							1.0
AL05AHZ		51	171	EP		0808	9.921	0.02							1.0
AL05AHN		51	171	ES		0808	7.435	0.23							1.0
AL03AHZ		55	334	EP		0808	1.380	0.60							1.0
AL03AHE		55	334	ES		0808	9.197	0.40							1.0
BERA	HZ	58	210	EP		0808	1.206	-0.06							1.0
BERA	HN	58	210	ES		0808	9.446	-0.23							1.0
BERA	HZ	58	210	IAML		0808	3.407			136	0.3				
PHP	HZ	60	11	EP		0808	1.881	0.27							1.0
PHP	HN	60	11	ES		0808	0.880	0.58							1.0
PHP	HZ	60	11	IAML		0808	4.893			94	0.2				
AL04AHZ		64	255	EP		0808	2.233	-0.09							1.0
KBN	HZ	72	145	EP		0808	4.064	0.34							1.0
KBN	HN	72	145	ES		0808	4.255	0.13							1.0
KBN	HZ	72	145	IAML		0808	8.957			148	0.8				
LACI	HZ	72	318	EP		0808	3.908	0.12							1.0
LACI	HN	72	318	ES		0808	4.127	-0.12							1.0
LACI	HZ	72	318	IAML		0808	7.209			136	0.4				
TPE	HZ	98	194	EP		0808	7.926	-0.53							1.0

TPE	HZ	98	194	IAML	0809	0.528			66	0.6				
KKS	HZ	102	5	EP	0808	9.019-0.14								1.0
KKS	HE	102	5	ES	0808	3.943-0.03								1.0
PUK	HZ	104	341	EP	0808	9.513 0.01								1.0
NEST	HZ	104	142	EP	0808	9.211-0.19								1.0
NEST	HN	104	142	ES	0808	4.040-0.37								1.0
NEST	HZ	104	142	IAML	0808	5.898			95	0.5				
PUK	HN	104	341	ES	0808	4.862 0.27								1.0
PUK	HZ	104	341	IAML	0808	7.171			47	0.4				
LSK	HZ	114	167	EP	0808	0.356-0.96								1.0
LSK	HZ	114	167	IAML	0809	5.896			110	0.5				
SDA	HZ	120	326	EP	0808	2.176-0.03								1.0
SDA	HZ	120	326	IAML	0809	2.797			16	0.4				
PRZK	HZ	123	18	EP	0808	2.323-0.55								1.0
PRZK	HE	123	18	ES	0809	0.068-0.62								1.0
AL06AHZ		127	201	EP	0808	4.069 0.65								1.0
AL06AHE		127	201	ES	0809	2.328 0.66								1.0
BCI	HZ	136	352	EP	0808	4.683-0.28								1.0
BCI	HE	136	352	ES	0809	4.525 0.06								1.0
BCI	HZ	136	352	IAML	0809	8.630			56	0.4				
SRN	HZ	144	190	EP	0808	6.455 0.23								1.0
SRN	HZ	144	190	IAML	0809	0.673			26	0.6				
KZN	HZ	156	127	EP	0808	7.681-0.64								1.0
PVY	HZ	162	350	EP	0808	8.674-0.74								0.9
PVY	HN	162	350	ES	0809	2.409-0.12								0.9
KEK	HZ	166	195	EP	0808	0.072 0.20								0.9
KEK	HZ	166	195	IAML	0809	8.583			71	0.8				
PDG	HZ	166	329	EP	0808	9.431-0.47								0.9
PDG	HN	166	329	ES	0809	3.733 0.32								0.9
PDG	HZ	166	329	IAML	0809	6.826			44	0.3				
IGT	HZ	180	179	EP	0808	2.617 0.32								0.9
IGT	HZ	180	179	IAML	0809	7.830			26	0.8				
ME01AHZ		191	350	EP	0808	3.855-0.15								0.9
NKME	HZ	211	329	EP	0808	6.228-0.33								0.9
THL	HZ	229	140	EP	0808	8.550-0.23								0.9
ME02AHZ		243	337	EP	0809	1.241 0.52								0.9
ME02AHN		243	337	ES	0809	3.410 0.43								0.9

May 22 2023 Hour: 9:40 34.6 Lat: 41.88N Lon: 20.53E D: 7.5 Ag: TIR Local  
Magnitudes: 1.8ML TIR 2.2MW TIR Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	23	198	EP		0940	9.124	0.19							1.0
PHP	HE	23	198	ES		0940	2.244-0.21								1.0
PHP	HZ	23	198	IAML		0940	2.742			96	0.1				
KKS	HZ	24	334	EP		0940	9.383	0.30							1.0
KKS	HN	24	334	ES		0940	2.736	0.02							1.0
PRZK	HZ	41	27	EP		0940	2.400	0.27							1.0
PRZK	HE	41	27	ES		0940	8.263	0.03							1.0
AL03AHZ		53	235	EP		0940	4.285	0.04							1.0
AL03AHN		53	235	ES		0940	1.813-0.24								1.0
PUK	HZ	56	289	EP		0940	4.487-0.16								1.0
PUK	HN	56	289	ES		0940	2.454-0.34								1.0
PUK	HZ	56	289	IAML		0940	5.096			29	0.2				
BCI	HZ	66	325	EP		0940	6.492	0.00							1.0
BCI	HE	66	325	ES		0940	6.316	0.20							1.0
BCI	HZ	66	325	IAML		0940	7.484			36	0.2				
LACI	HZ	73	248	EP		0940	7.419-0.20								1.0
LACI	HN	73	248	ES		0940	8.704	0.53							1.0
LACI	HZ	73	248	IAML		0941	4.511			12	0.5				
SDA	HZ	87	283	EP		0940	0.557	0.49							1.0
SDA	HN	87	283	ES		0941	2.854	0.25							1.0
SDA	HZ	87	283	IAML		0941	4.280			3	0.1				
PVY	HZ	92	330	EP		0940	0.832-0.14								1.0

PVY	HN	92	330	ES		0941	3.517	-0.73										1.0
NEST	HZ	169	165	EP		0941	3.344	-0.33										0.9
NEST	HZ	169	165	IAML		0941	9.516			5	0.5							

**May 22 2023 Hour: 11:43 40.1 Lat: 41.15N Lon: 20.27E D: 5.0 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR 2.7MW TIR Rms: 0.3 secs**  
**5 km SW of Librazhd**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL08AHZ		15	251	EP		1143	2.722	-0.12							1.0
AL08AHE		15	251	ES		1143	5.528	0.42							1.0
AL05AHZ		50	168	EP		1143	8.931	-0.14							1.0
AL05AHE		50	168	ES		1143	6.647	0.27							1.0
AL03AHZ		55	336	EP		1143	0.197	0.27							1.0
AL03AHE		55	336	ES		1143	7.573	-0.36							1.0
BERA HZ		56	209	EP		1143	9.938	-0.21							1.0
BERA HN		56	209	ES		1143	7.841	-0.47							1.0
BERA HZ		56	209	IAML		1143	8.035			18	0.3				
PHP HZ		61	14	EP		1143	0.642	-0.41							1.0
PHP HN		61	14	ES		1144	0.482	0.51							1.0
PHP HZ		61	14	IAML		1144	4.814			17	0.3				
LACI HZ		71	320	EP		1143	3.031	0.23							1.0
LACI HN		71	320	ES		1144	3.018	-0.11							1.0
LACI HZ		71	320	IAML		1144	5.928			19	0.3				
KBN HZ		73	143	EP		1143	2.714	-0.38							1.0
KBN HE		73	143	ES		1144	4.019	0.36							1.0
PUK HZ		104	343	EP		1143	8.593	0.02							1.0
PUK HN		104	343	ES		1144	3.834	0.26							1.0
NEST HZ		105	141	EP		1143	8.481	-0.19							1.0
NEST HN		105	141	ES		1144	3.657	-0.09							1.0
NEST HZ		105	141	IAML		1144	4.606			13	0.4				
SDA HZ		119	328	EP		1144	1.046	0.07							1.0
SDA HN		119	328	ES		1144	7.933	0.01							1.0
AL06AHZ		125	200	EP		1144	1.851	-0.19							1.0
AL06AHN		125	200	ES		1144	0.154	0.31							1.0
PVY HZ		163	351	EP		1144	7.837	-0.52							0.9
IGT HZ		179	178	EP		1144	1.545	0.47							0.9

**May 22 2023 Hour: 13: 4 54.7 Lat: 39.34N Lon: 20.35E D: 3.8 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR 3.5MW TIR Rms: 0.3 secs**  
**38 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT HZ		22	356	EP		1304	8.334	-0.29							1.0
IGT HN		22	356	ES		1305	1.539	-0.28							1.0
KEK HZ		63	311	EP		1305	5.845	-0.15							1.0
KEK HN		63	311	ES		1305	5.406	0.24							1.0
KEK HZ		63	311	IAML		1305	6.193			85	0.2				
LKD2 HZ		66	156	EP		1305	6.358	-0.20							1.0
LKD2 HE		66	156	ES		1305	6.387	0.20							1.0
SRN HZ		67	333	EP		1305	6.668	-0.06							1.0
SRN HE		67	333	ES		1305	6.466	-0.02							1.0
SRN HZ		67	333	IAML		1305	7.023			9	0.4				
LSK HZ		93	13	EP		1305	1.133	-0.10							1.0
LSK HN		93	13	ES		1305	5.571	0.92							1.0
LSK HZ		93	13	IAML		1305	3.130			16	0.5				
AL06AHZ		98	329	EP		1305	2.159	0.02							1.0
AL06AHN		98	329	ES		1305	6.377	0.09							1.0
VLS HZ		130	171	EP		1305	7.763	0.15							1.0
VLS HN		130	171	ES		1305	6.288	0.10							1.0
NEST HZ		134	26	EP		1305	7.522	-0.66							1.0
NEST HZ		134	26	IAML		1305	2.979			10	0.3				

**May 22 2023 Hour: 17:15 28.7 Lat: 41.14N Lon: 20.29E D: 10.0F Ag: TIR Local**  
**Magnitudes: 2.3ML TIR 3.0MW TIR Rms: 0.7 secs**  
**4 km S of Librazhd**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL08AHZ		17	255	EP		1715	0.814	-1.33							1.0
AL08AHE		17	255	ES		1715	3.474	-1.48							1.0
AL07AHZ		42	130	EP		1715	5.882	-0.57							1.0
AL07AHN		42	130	ES		1715	2.105	-0.65							1.0
AL05AHZ		49	170	EP		1715	6.949	-0.72							1.0
AL05AHE		49	170	ES		1715	4.351	-0.61							1.0
AL05AHZ		49	170	IAML		1715	6.440			0.20	0.6				
AL03AHZ		56	335	EP		1715	8.337	-0.52							1.0
AL03AHE		56	335	ES		1715	6.755	-0.36							1.0
AL03AHZ		56	335	IAML		1715	9.113			0.20	0.5				
BERA HZ		57	211	EP		1715	7.335	-1.58							1.0
BERA HN		57	211	ES		1715	6.941	-0.27							1.0
BERA HZ		57	211	IAML		1715	9.387			90	0.6				
PHP HZ		61	12	EP		1715	9.276	-0.44							1.0
PHP HE		61	12	ES		1715	8.200	-0.47							1.0
PHP HZ		61	12	IAML		1715	7.550			75	0.8				
AL04AHZ		63	256	EP		1715	9.762	-0.23							1.0
AL04AHN		63	256	ES		1715	9.952	0.79							1.0
KBN HZ		71	144	EP		1715	1.594	0.25							1.0
KBN HN		71	144	ES		1715	1.970	0.36							1.0
KBN HZ		71	144	IAML		1715	3.373			97	0.9				
LACI HZ		73	319	EP		1715	0.509	-1.09							1.0
LACI HN		73	319	ES		1715	1.869	-0.21							1.0
LACI HZ		73	319	IAML		1715	3.540			76	0.9				
BPA2 HN		73	231	ES		1715	2.505	0.43							1.0
AL02AHZ		81	292	EP		1715	2.760	-0.13							1.0
AL02AHN		81	292	ES		1715	4.567	0.16							1.0
TPE HZ		97	194	EP		1715	5.791	0.16							1.0
NEST HZ		103	141	EP		1715	7.036	0.36							1.0
NEST HN		103	141	ES		1716	1.309	0.05							1.0
NEST HZ		103	141	IAML		1716	0.247			31	0.6				
KKS HZ		104	5	EP		1715	5.939	-0.81							1.0
KKS HE		104	5	ES		1716	1.893	0.50							1.0
PUK HZ		105	342	EP		1715	6.607	-0.45							1.0
PUK HN		105	342	ES		1716	2.562	0.61							1.0
PUK HZ		105	342	IAML		1716	6.320			26	0.4				
LSK HZ		113	167	EP		1715	7.860	-0.51							1.0
LSK HN		113	167	ES		1716	4.817	0.48							1.0
LSK HZ		113	167	IAML		1716	2.585			42	1.2				
SDA HZ		121	327	EP		1715	9.828	0.30							1.0
SDA HN		121	327	IS		1716	7.490	1.07							1.0
SDA HZ		121	327	IAML		1716	1.750			6	0.3				
AL06AHZ		125	201	EP		1715	1.118	0.76							1.0
AL06AHE		125	201	ES		1716	8.919	0.98							1.0
PRZK HZ		125	18	EP		1715	0.828	0.55							1.0
PRZK HN		125	18	ES		1716	7.824	0.04							1.0
BCI HZ		137	352	EP		1715	2.825	0.48							1.0
BCI HN		137	352	ES		1716	2.467	0.95							1.0
SRN HZ		142	190	EP		1715	3.815	0.64							1.0
SRN HE		142	190	ES		1716	4.158	1.14							1.0
SRN HZ		142	190	IAML		1716	7.712			23	1.0				
PVY HZ		164	350	EP		1715	7.003	0.21							0.9
PDG HZ		167	329	EP		1715	7.646	0.42							0.9
PDG HZ		167	329	IAML		1716	5.923			19	0.4				
IGT HZ		179	179	EP		1716	0.324	1.33							0.9
IGT HZ		179	179	IAML		1716	3.275			20	0.6				

May 22 2023 Hour: 18:27 22.7 Lat: 41.15N Lon: 20.32E D: 2.1 Ag: TIR Local  
 Magnitudes: 2.5ML TIR 3.1MW TIR Rms: 0.6 secs  
 3 km S of Librazhd

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL08AHZ		19	254	EP		1827	5.507	-0.62							1.0
AL08AHN		19	254	ES		1827	8.468	-0.41							1.0
AL07AHZ		41	133	EP		1827	0.374	0.23							1.0
AL07AHN		41	133	ES		1827	6.420	0.28							1.0
AL05AHZ		50	173	EP		1827	1.154	-0.54							1.0
AL05AHE		50	173	ES		1827	9.043	0.10							1.0
AL05AHZ		50	173	IAML		1827	4.149			0.20	0.9				
AL03AHZ		56	332	EP		1827	3.293	0.48							1.0
AL03AHN		56	332	ES		1827	1.096	0.13							1.0
AL03AHZ		56	332	IAML		1827	3.820			0.30	0.4				
BERA HZ		59	212	EP		1827	2.884	-0.37							1.0
BERA HN		59	212	ES		1827	0.804	-0.96							1.0
BERA HZ		59	212	IAML		1827	4.127			108	0.6				
PHP HZ		60	10	EP		1827	3.621	0.16							1.0
PHP HN		60	10	ES		1827	2.351	0.21							1.0
PHP HZ		60	10	IAML		1827	1.715			96	1.2				
AL04AHZ		66	256	EP		1827	5.408	0.95							1.0
AL04AHN		66	256	ES		1827	4.689	0.74							1.0
KBN HZ		71	146	EP		1827	5.760	0.36							1.0
KBN HN		71	146	ES		1827	5.917	0.27							1.0
KBN HZ		71	146	IAML		1827	9.741			119	1.0				
LACI HZ		74	317	EP		1827	5.212	-0.66							1.0
LACI HN		74	317	ES		1827	6.177	-0.34							1.0
LACI HZ		74	317	IAML		1827	6.266			106	0.7				
BPA2 HZ		75	232	EP		1827	5.595	-0.59							1.0
BPA2 HN		75	232	ES		1827	7.658	0.58							1.0
AL02AHZ		82	291	EP		1827	8.074	0.64							1.0
AL02AHN		82	291	ES		1827	0.689	1.35							1.0
TPE HZ		99	195	EP		1827	0.027	-0.33							1.0
KKS HZ		102	4	EP		1827	0.809	-0.23							1.0
KKS HN		102	4	ES		1827	5.597	-0.27							1.0
NEST HZ		103	143	EP		1827	0.978	-0.09							1.0
NEST HN		103	143	ES		1827	5.716	-0.20							1.0
NEST HZ		103	143	IAML		1828	0.590			57	0.6				
PUK HZ		105	340	EP		1827	1.097	-0.40							1.0
PUK HE		105	340	ES		1827	6.786	0.09							1.0
PUK HZ		105	340	IAML		1827	7.737			37	0.9				
LSK HZ		114	168	EP		1827	2.879	-0.18							1.0
LSK HN		114	168	ES		1827	9.233	-0.28							1.0
LSK HZ		114	168	IAML		1828	1.152			55	1.2				
SDA HZ		121	326	EP		1827	4.095	-0.05							1.0
SDA HN		121	326	ES		1828	1.514	0.03							1.0
SDA HZ		121	326	IAML		1828	7.959			11	0.4				
PRZK HZ		123	17	EP		1827	4.900	0.32							1.0
AL06AHZ		127	202	EP		1827	4.662	-0.58							1.0
AL06AHN		127	202	ES		1828	3.993	0.53							1.0
BCI HZ		136	351	EP		1827	7.468	0.68							1.0
SRN HZ		144	191	EP		1827	8.333	0.34							1.0
SRN HN		144	191	ES		1828	9.385	0.94							1.0
SRN HZ		144	191	IAML		1828	2.475			31	1.0				
KZN HZ		155	127	EP		1827	0.249	0.41							1.0
PVY HZ		163	350	EP		1827	0.011	-1.24							0.9
KEK HZ		166	196	EP		1827	1.913	0.24							0.9
KEK HN		166	196	ES		1828	3.566	-1.54							0.9
KEK HZ		166	196	IAML		1828	5.657			46	0.7				
PDG HZ		167	329	EP		1827	0.605	-1.22							0.9
PDG HN		167	329	ES		1828	5.328	-0.06							0.9
PDG HZ		167	329	IAML		1828	0.558			25	0.5				
IGT HZ		180	180	EP		1827	4.127	0.11							0.9

IGT	HZ	180	180	IAML	A	1828	9.459		20	0.9								
NKME	HZ	212	328	EP		1827	7.932	-0.42										0.9
THL	HZ	228	140	EP		1828	1.650	1.37										0.9

**May 22 2023 Hour: 18:59 10.7 Lat: 41.38N Lon: 19.62E D: 21.7 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR 2.1MW TIR Rms: 0.5 secs**  
**3 km SW of Vore**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL02AHZ		19	281	EP		1859	5.460	-0.24							1.0
AL02AHN		19	281	ES		1859	0.466	0.76							1.0
LACI HZ		30	16	EP		1859	6.694	-0.47							1.0
LACI HN		30	16	ES		1859	2.200	-0.16							1.0
LACI HZ		30	16	IAML		1859	2.770		29	0.6					
AL03AHZ		41	52	EP		1859	8.593	-0.18							1.0
AL03AHE		41	52	ES		1859	4.764	-0.51							1.0
AL04AHZ		41	186	EP		1859	8.878	0.08							1.0
AL04AHN		41	186	ES		1859	6.247	0.93							1.0
AL08AHZ		51	126	EP		1859	9.709	-0.56							1.0
AL08AHN		51	126	ES		1859	7.517	-0.46							1.0
SDA HZ		75	353	EP		1859	4.664	0.44							1.0
SDA HN		75	353	ES		1859	5.207	0.07							1.0
SDA HZ		75	353	IAML		1859	0.397		4	0.1					
PHP HZ		77	63	EP		1859	4.099	-0.41							1.0
PHP HN		77	63	ES		1859	5.881	0.23							1.0
PHP HZ		77	63	IAML		1859	0.809		9	1.9					
PUK HZ		78	17	EP		1859	4.669	0.05							1.0
PUK HN		78	17	ES		1859	5.682	-0.18							1.0
PUK HZ		78	17	IAML		1859	7.770		13	0.6					
BERA HZ		80	159	EP		1859	4.664	-0.29							1.0
BERA HN		80	159	ES		1859	5.872	-0.59							1.0
BERA HZ		80	159	IAML		1859	8.150		17	0.3					
AL05AHZ		99	139	EP		1859	8.380	0.29							1.0
AL05AHN		99	139	ES		1859	2.897	0.75							1.0
KKS HZ		101	40	EP		1859	8.380	-0.06							1.0
BCI HZ		116	19	EP		1859	0.376	-0.42							1.0
BCI HN		116	19	ES		1859	7.442	0.41							1.0
BCI HZ		116	19	IAML		1859	1.632		10	0.4					
PDG HZ		121	346	EP		1859	1.315	-0.14							1.0
PDG HN		121	346	ES		1859	8.024	-0.21							1.0
PDG HZ		121	346	IAML		1859	8.973		6	0.5					
PRZK HZ		133	45	EP		1859	4.505	1.10							1.0
PVY HZ		138	12	EP		1859	4.827	0.49							1.0
PVY HN		138	12	ES		1859	4.765	1.32							1.0
LSK HZ		159	148	IP	4A	1859	5.980	8.58							0.0
NEST HZ		161	131	EP		1859	7.865	0.23							0.9
NEST HZ		161	131	IAML		1900	1.189		7	3.7					
NKME HZ		164	341	EP		1859	7.106	-0.83							0.9
NKME HN		164	341	ES		1859	9.037	-0.93							0.9
SRN HZ		169	169	EP		1859	8.815	0.27							0.9
SCTE HZ		174	214	EP		1859	8.245	-0.96							0.9
KEK HZ		185	175	EP		1859	0.714	0.08							0.9

**May 22 2023 Hour: 19:38 56.2 Lat: 41.75N Lon: 20.33E D: 12.4 Ag: TIR Local**  
**Magnitudes: 2.6ML TIR 3.1MW TIR Rms: 0.7 secs**  
**11 km NW of Peshkopi**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP HZ		12	126	EP		1938	9.394	0.04							1.0
PHP HE		12	126	ES		1939	1.939	0.04							1.0
PHP HZ		12	126	IAML		1939	2.542		1980	0.3					
AL03AHZ		31	239	EP		1939	0.867	-1.33							1.0
AL03AHN		31	239	ES		1939	4.867	-2.17							1.0
AL03AHZ		31	239	IAML		1939	6.159		1.00	0.5					
KKS HZ		37	10	EP		1939	3.814	0.75							1.0
KKS HE		37	10	ES		1939	8.704	0.09							1.0



PUK	HZ	49	312	EP	1939	4.685-0.38			1.0
PUK	HN	49	312	ES	1939	2.387 0.14			1.0
PUK	HZ	49	312	IAML	1939	3.928	307	0.7	
LACI	HZ	52	256	EP	1939	4.484-1.11			1.0
LACI	HN	52	256	ES	1939	3.526 0.32			1.0
LACI	HZ	52	256	IAML	1939	5.602	343	0.8	
PRZK	HZ	63	35	EP	1939	7.967 0.56			1.0
PRZK	HN	63	35	ES	1939	6.083-0.39			1.0
BCI	HZ	72	343	EP	1939	8.857-0.08			1.0
BCI	HN	72	343	ES	1939	9.420 0.18			1.0
BCI	HZ	72	343	IAML	1939	2.614	97	1.0	
AL08AHZ		74	195	EP	1939	8.637-0.60			1.0
AL08AHN		74	195	ES	1939	9.018-0.78			1.0
SDA	HZ	76	296	EP	1939	0.092 0.47			1.0
SDA	HN	76	296	ES	1939	0.839 0.35			1.0
SDA	HZ	76	296	IAML	1939	7.792	30	0.3	
AL02AHZ		86	244	EP	1939	1.944 0.67			1.0
AL02AHN		86	244	ES	1939	4.326 0.85			1.0
PVY	HZ	99	342	EP	1939	3.010-0.44			1.0
PVY	HN	99	342	ES	1939	7.812 0.39			1.0
AL07AHZ		99	162	EP	1939	3.261-0.17			1.0
AL07AHN		99	162	ES	1939	7.774 0.39			1.0
AL04AHZ		104	218	EP	1939	5.137 0.85			1.0
AL04AHE		104	218	ES	1939	9.227 0.29			1.0
AL05AHZ		116	177	EP	1939	6.138-0.14			1.0
AL05AHE		116	177	ES	1939	1.903-0.63			1.0
PDG	HZ	116	311	EP	1939	5.638-0.63			1.0
PDG	HZ	116	311	IAML	1939	6.032	55	0.5	
AL05AHZ		116	177	IAML	1939	0.161	0.10	0.5	
PDG	HN	116	311	ES	1939	2.278-0.24			1.0
BERA	HZ	120	195	EP	1939	6.514-0.46			1.0
BERA	HE	120	195	ES	1939	4.399 0.60			1.0
BERA	HZ	120	195	IAML	1939	9.160	62	1.2	
ME01AHZ		127	343	EP	1939	7.765-0.41			1.0
ME01AHE		127	343	ES	1939	6.532 0.55			1.0
BPA2	HZ	128	208	EP	1939	8.604 0.42			1.0
KBN	HZ	131	163	EP	1939	9.031 0.27			1.0
KBN	HZ	131	163	IAML	1939	9.785	38	0.6	
VLO	HZ	158	206	EP	1939	3.727 0.43			0.9
NEST	HZ	160	157	IAML	1939	4.299	45	0.5	
NKME	HZ	160	315	EP	1939	3.620-0.01			0.9
NKME	HN	160	315	ES	1939	5.916 0.07			0.9
NEST	HZ	160	157	EP	1939	3.620-0.05			0.9
TPE	HZ	164	189	EP	1939	4.687 0.50			0.9
TPE	HN	164	189	ES	1939	6.870 0.03			0.9
TPE	HZ	164	189	IAML	1939	7.176	51	0.6	
ME05AHZ		170	298	EP	1939	4.271-0.78			0.9
ME05AHN		170	298	ES	1939	8.668 0.25			0.9
BARS	BZ	171	46	EP	1939	5.765 0.53			0.9
BARS	BN	171	46	ES	1939	6.904-1.84			0.9
LSK	HZ	179	173	EP	1939	7.057 0.70			0.9
LSK	HZ	179	173	IAML A	1940	4.650	70	0.8	
ME02AHZ		185	328	EP	1939	7.676 0.48			0.9
ME02AHN		185	328	ES	1939	2.799 0.51			0.9
AL06AHZ		190	195	EP	1939	9.383 1.67			0.9
BOSS	SZ	195	64	EP	1939	8.308-0.11			0.9
BOSS	SN	195	64	ES	1939	4.080-0.42			0.9
KZN	HZ	201	142	EP	1939	0.151 0.98			0.9
KZN	HN	201	142	ES	1939	5.425-0.45			0.9
SRN	HZ	209	188	EP	1939	0.771 0.65			0.9
SRN	HZ	209	188	IAML	1940	9.322	22	0.9	
KEK	HZ	230	191	EP	1939	2.904 0.05			0.9
KEK	HN	230	191	ES	1940	1.180-1.35			0.9
KEK	HZ	230	191	IAML	1940	3.316	39	0.6	

SCTE	HZ	243	221	EP	1939	5.787	1.31								0.9
IGT	HZ	246	180	EP	1939	5.656	0.79								0.9
IGT	HZ	246	180	IAML	1940	0.198				16	0.6				
THE	HZ	254	118	EP	1939	5.656	-0.17								0.9
THL	HZ	281	149	EP	1939	0.411	1.04								0.8
NOCI	HZ	293	250	EP	1939	0.911	-0.02								0.8
NVR	HZ	299	97	EP	1939	1.787	0.13								0.8
PLG	HZ	303	119	EP	1939	1.787	-0.47								0.8
LKD2	HZ	330	175	EP	1939	5.055	-0.57								0.8
MRVN	HZ	354	259	EP	1939	6.856	-1.83								0.8
VLS	HZ	397	177	EP	1939	4.615	0.37								0.7
BZS	HZ	443	13	EP	1939	8.905	-1.20								0.7

May 22 2023 Hour: 19:53 26.2 Lat: 41.74N Lon: 20.29E D: 7.8 Ag: TIR Local  
Magnitudes: 2.2ML TIR 2.8MW TIR Rms: 0.6 secs

13 km NW of Peshkopi

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	14	118	EP		1953	9.266	0.10							1.0
PHP	HE	14	118	ES		1953	1.663	0.12							1.0
PHP	HZ	14	118	IAML		1953	2.381			933	0.2				
AL03AHZ	29	237	EP		1953	0.849	-0.69								1.0
AL03AHN	29	237	ES		1953	4.832	-1.02								1.0
AL03AHZ	29	237	IAML		1953	6.109				0.40	0.5				
KKS	HZ	38	14	EP		1953	3.556	0.44							1.0
KKS	HN	38	14	ES		1953	8.673	-0.02							1.0
PUK	HZ	47	315	EP		1953	4.679	-0.05							1.0
PUK	HE	47	315	ES		1953	1.984	0.37							1.0
PUK	HZ	47	315	IAML		1953	4.228			129	0.4				
LACI	HZ	49	256	EP		1953	4.985	-0.13							1.0
LACI	HE	49	256	ES		1953	2.591	0.28							1.0
LACI	HZ	49	256	IAML		1953	5.555			143	0.8				
PRZK	HZ	65	37	EP		1953	8.151	0.27							1.0
PRZK	HN	65	37	ES		1953	7.255	-0.07							1.0
BCI	HZ	72	345	EP		1953	8.968	-0.13							1.0
BCI	HN	72	345	ES		1953	9.436	-0.08							1.0
BCI	HZ	72	345	IAML		1953	2.960			46	0.5				
AL08AHZ	73	193	EP		1953	9.002	-0.26								1.0
AL08AHN	73	193	ES		1953	9.060	-0.77								1.0
SDA	HZ	74	298	EP		1953	9.836	0.38							1.0
SDA	HN	74	298	ES		1953	0.628	0.46							1.0
SDA	HZ	74	298	IAML		1953	7.760			15	0.3				
AL02AHZ	83	244	EP		1953	1.796	0.76								1.0
AL02AHN	83	244	ES		1953	3.942	0.92								1.0
PVY	HZ	98	344	EP		1953	3.792	0.18							1.0
PVY	HN	98	344	ES		1953	7.837	0.13							1.0
AL07AHZ	99	161	EP		1953	3.825	0.10								1.0
AL04AHZ	102	217	EP		1953	4.407	0.25								1.0
PDG	HZ	114	312	EP		1953	6.093	-0.09							1.0
PDG	HN	114	312	ES		1954	2.721	0.37							1.0
PDG	HZ	114	312	IAML		1954	6.175			27	0.3				
AL05AHZ	116	176	EP		1953	7.250	0.80								1.0
AL05AHZ	116	176	IAML		1954	0.078									
BERA	HZ	119	194	EP		1953	6.747	-0.25							1.0
BERA	HE	119	194	ES		1954	4.012	0.19							1.0
BERA	HZ	119	194	IAML		1954	7.194			18	0.6				
ME01AHZ	127	345	EP		1953	8.217	-0.13								1.0
ME01AHE	127	345	ES		1954	5.879	-0.39								1.0
KBN	HZ	131	161	EP		1953	9.420	0.36							1.0
NKME	HZ	158	316	EP		1953	3.590	0.01							0.9
NKME	HN	158	316	ES		1954	5.678	-0.07							0.9
NEST	HZ	161	156	EP		1953	3.747	-0.25							0.9
NEST	HZ	161	156	IAML	A	1954	4.416			21	0.5				
TPE	HZ	163	188	EP		1953	4.614	0.36							0.9
ME05AHZ	167	299	EP		1953	4.796	-0.25								0.9

BARS	BZ	173	46	EP	1953	5.624	-0.41										0.9
LSK	HZ	179	172	EP	1953	7.995	1.08										0.9
LSK	HZ	179	172	IAML	1954	4.422		25	0.8								
BOSS	SZ	198	64	EP	1953	8.632	-0.71										0.9
SRN	HZ	208	187	EP	1954	0.781	0.20										0.9
SRN	HZ	208	187	IAML	1954	9.143		8	0.6								
KEK	HZ	229	191	EP	1954	3.702	0.41										0.9
IGT	HZ	246	179	EP	1954	5.517	0.14										0.9
THL	HZ	282	148	EP	1954	1.320	1.24										0.8
NVR	HZ	301	97	EP	1954	2.502	-0.08										0.8
PLG	HZ	306	119	EP	1954	2.717	-0.40										0.8
LKD2	HZ	330	174	EP	1954	4.651	-1.52										0.8
MRVN	HZ	351	259	EP	1954	7.444	-1.45										0.8
SGRT	HZ	378	272	EP	1954	9.916	-2.54										0.8

May 22 2023 Hour: 22:17 26.5 Lat: 39.16N Lon: 20.58E D: 8.3 Ag: TIR Local  
Magnitudes: 2.2ML TIR 3.0MW TIR Rms: 0.5 secs

65 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	42	171	EP		2217	3.948	-0.17							1.0
LKD2	HE	42	171	ES		2217	0.509	0.25							1.0
IGT	HZ	47	332	EP		2217	4.530	-0.50							1.0
IGT	HN	47	332	ES		2217	2.040	0.13							1.0
IGT	HZ	47	332	IAML		2217	4.244		173	0.2					
KEK	HZ	91	313	EP		2217	2.082	-0.58							1.0
KEK	HE	91	313	ES		2217	5.674	-0.06							1.0
KEK	HZ	91	313	IAML		2218	0.485		96	0.6					
SRN	HZ	95	328	EP		2217	3.186	0.03							1.0
SRN	HN	95	328	ES		2217	6.259	-0.37							1.0
SRN	HZ	95	328	IAML		2218	0.961		30	0.3					
VLS	HZ	109	180	EP		2217	6.093	0.50							1.0
VLS	HE	109	180	ES		2218	0.738	-0.30							1.0
LSK	HZ	110	1	EP		2217	4.844	-0.96							1.0
LSK	HN	110	1	ES		2218	1.645	0.22							1.0
LSK	HZ	110	1	IAML		2218	4.831		29	0.8					
AL06AHZ		125	326	EP		2217	9.248	0.95							1.0
AL06AHE		125	326	ES		2218	6.581	0.65							1.0
THL	HZ	131	69	EP		2217	8.782	-0.51							1.0
THL	HE	131	69	ES		2218	7.993	0.27							1.0
TPE	HZ	135	339	EP		2217	9.784	-0.17							1.0
TPE	HE	135	339	ES		2218	9.273	0.34							1.0
TPE	HZ	135	339	IAML		2218	3.635		20	0.1					
NEST	HZ	145	16	EP		2217	1.366	-0.28							1.0
NEST	HN	145	16	ES		2218	2.586	0.60							1.0
KZN	HZ	163	38	EP		2217	5.164	0.52							0.9
KZN	HN	163	38	ES		2218	6.927	-0.49							0.9
KBN	HZ	164	6	EP		2217	4.693	-0.03							0.9
KBN	HE	164	6	ES		2218	7.226	-0.33							0.9
KBN	HZ	164	6	IAML		2218	5.883		9	0.8					
AL05AHZ		172	355	EP		2217	6.943	0.75							0.9
AL05AHE		172	355	ES		2218	0.671	0.45							0.9
BERA	HZ	180	343	EP		2217	6.698	-0.46							0.9
BERA	HN	180	343	ES		2218	1.368	-0.60							0.9
BERA	HZ	180	343	IAML		2218	5.155		12	0.4					
ITM	HZ	249	151	EP		2218	5.976	-0.13							0.9
ITM	HN	249	151	ES		2218	8.557	0.40							0.9

May 23 2023 Hour: 15:45 14.1 Lat: 40.55N Lon: 21.02E D: 11.5 Ag: TIR Local  
Magnitudes: 1.8ML TIR 2.4MW TIR Rms: 0.5 secs

9 km S of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	15	172	EP		1545	7.915	0.39							1.0
NEST	HN	15	172	ES		1545	0.455	0.13							1.0
NEST	HZ	15	172	IAML		1545	0.846		401	0.2					

KBN	HZ	22	293	EP	1545	8.511	0.02							1.0
KBN	HN	22	293	ES	1545	1.786	-0.31							1.0
KBN	HZ	22	293	IAML	1545	2.287		208	0.2					
AL07AHZ		49	324	EP	1545	3.193	0.25							1.0
AL07AHE		49	324	ES	1545	0.833	0.69							1.0
AL05AHZ		56	288	EP	1545	3.671	-0.50							1.0
AL05AHN		56	288	ES	1545	2.421	0.06							1.0
AL05AHZ		56	288	IAML	1545	4.806								
LSK	HZ	57	219	EP	1545	3.976	-0.34							1.0
LSK	HN	57	219	ES	1545	1.987	-0.64							1.0
LSK	HZ	57	219	IAML	1545	4.409		34	1.2					
KZN	HZ	69	113	EP	1545	6.460	0.17							1.0
KZN	HN	69	113	ES	1545	6.495	0.29							1.0
TPE	HZ	90	252	EP	1545	0.186	0.41							1.0
TPE	HN	90	252	ES	1545	2.090	-0.41							1.0
BERA	HZ	93	281	EP	1545	0.252	0.07							1.0
BERA	HN	93	281	ES	1545	3.662	0.42							1.0
BERA	HZ	93	281	IAML	1545	1.953		11	0.4					
SRN	HZ	114	230	EP	1545	4.059	0.25							1.0
SRN	HE	114	230	ES	1545	9.418	-0.39							1.0
SRN	HZ	114	230	IAML	1545	4.908		4	0.3					
AL06AHZ		119	245	EP	1545	5.180	0.59							1.0
AL06AHN		119	245	ES	1545	1.668	0.44							1.0
IGT	HZ	127	208	EP	1545	6.238	0.27							1.0
IGT	HN	127	208	ES	1545	3.775	0.06							1.0
IGT	HZ	127	208	IAML	1546	1.182		7	0.7					
PHP	HZ	135	339	EP	1545	7.545	0.16							1.0
PHP	HN	135	339	ES	1545	4.820	-1.46							1.0
PHP	HZ	135	339	IAML	1546	1.198		8	1.3					
THL	HZ	138	142	EP	1545	7.872	0.10							1.0
THL	HN	138	142	ES	1545	6.052	-0.92							1.0
KEK	HZ	140	229	EP	1545	8.027	-0.00							1.0
KEK	HN	140	229	ES	1545	7.438	-0.01							1.0
KEK	HZ	140	229	IAML	1545	9.292		11	0.8					
LACI	HZ	163	318	EP	1545	1.819	-0.16							0.9
PUK	HZ	191	331	EP	1545	6.152	0.30							0.9
PUK	HZ	191	331	IAML	1546	5.494		2	0.8					

May 23 2023 Hour: 16: 7 53.4 Lat: 40.56N Lon: 21.04E D: 10.4 Ag: TIR Local  
Magnitudes: 2.1ML TIR 2.6MW TIR Rms: 0.5 secs  
8 km SE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	16	177	EP		1607	7.427	0.43							1.0
NEST	HN	16	177	ES		1607	9.660	-0.21							1.0
NEST	HZ	16	177	IAML		1608	1.805		913	0.2					
KBN	HZ	23	288	EP		1607	8.040	0.10							1.0
KBN	HN	23	288	ES		1608	1.583	0.00							1.0
KBN	HZ	23	288	IAML		1608	2.331		342	0.2					
AL07AHZ		49	321	EP		1608	2.577	0.26							1.0
AL07AHN		49	321	ES		1608	9.821	0.32							1.0
AL05AHZ		57	287	EP		1608	3.106	-0.65							1.0
AL05AHN		57	287	ES		1608	2.094	-0.00							1.0
AL05AHZ		57	287	IAML		1608	5.659		0.10	0.5					
LSK	HZ	59	220	EP		1608	3.335	-0.76							1.0
LSK	HE	59	220	ES		1608	2.591	-0.12							1.0
LSK	HZ	59	220	IAML		1608	4.511		54	0.6					
KZN	HZ	68	114	EP		1608	6.014	0.41							1.0
KZN	HN	68	114	ES		1608	5.716	0.27							1.0
TPE	HZ	92	252	EP		1608	9.466	-0.04							1.0
TPE	HN	92	252	ES		1608	2.242	-0.28							1.0
TPE	HZ	92	252	IAML		1608	5.380		29	0.6					
BERA	HZ	94	280	EP		1608	9.537	-0.26							1.0
BERA	HN	94	280	ES		1608	3.102	0.06							1.0
BERA	HZ	94	280	IAML		1608	3.418		20	0.4					

AL08AHZ	100	308	EP	1608	1.029	0.23									1.0
AL08AHN	100	308	ES	1608	5.232	0.38									1.0
SRN HZ	116	230	EP	1608	3.516	-0.07									1.0
SRN HE	116	230	ES	1608	9.565	-0.33									1.0
SRN HZ	116	230	IAML	1608	5.484		11	0.5							
IGT HZ	129	208	EP	1608	6.071	0.34									1.0
IGT HE	129	208	ES	1608	4.127	0.34									1.0
IGT HZ	129	208	IAML	1608	8.919		8	0.3							
AL04AHZ	134	292	EP	1608	6.721	0.14									1.0
PHP HZ	135	338	EP	1608	6.424	-0.24									1.0
PHP HE	135	338	ES	1608	3.816	-1.66									1.0
PHP HZ	135	338	IAML	1608	1.314		16	0.6							
THL HZ	138	143	EP	1608	7.102	-0.15									1.0
THL HN	138	143	ES	1608	5.274	-1.26									1.0
KEK HZ	142	229	EP	1608	8.723	0.92									1.0
KEK HN	142	229	ES	1608	7.357	-0.18									1.0
KEK HZ	142	229	IAML	1608	8.919		15	0.8							
AL03AHZ	145	323	EP	1608	7.987	-0.35									1.0
AL03AHZ	145	323	IAML	1608	4.334			0.3							
LACI HZ	163	318	EP	1608	1.527	0.14									0.9
LACI HZ	163	318	IAML	1608	5.376		16	0.4							
PUK HZ	191	330	EP	1608	6.526	1.23									0.9
PUK HN	191	330	ES	1608	1.416	0.32									0.9
PUK HZ	191	330	IAML	1608	6.831		5	0.3							
LKD2 HZ	199	190	EP	1608	7.463	1.09									0.9
PLG HZ	205	95	EP	1608	6.943	-0.16									0.9

May 23 2023 Hour: 19:40 46.1 Lat: 41.15N Lon: 20.32E D: 5.0 Ag: TIR Local  
Magnitudes: 1.7ML TIR 2.3MW TIR Rms: 0.6 secs  
3 km S of Librazhd

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL08AHZ		19	255	EP		1940	8.625	-0.96							1.0
AL08AHE		19	255	ES		1940	1.113	-1.26							1.0
AL07AHZ		41	132	EP		1940	3.807	0.23							1.0
AL07AHN		41	132	ES		1940	9.847	0.24							1.0
TIR HZ		44	300	EP		1940	3.881	-0.12							1.0
TIR HN		44	300	ES		1941	0.662	0.29							1.0
TIR HZ		44	300	IAML		1941	2.249		31	0.7					
AL05AHZ		50	173	EP		1940	4.245	-0.83							1.0
AL05AHE		50	173	ES		1941	2.330	0.02							1.0
AL05AHZ		50	173	IAML		1941	5.115			0.7					
AL03AHZ		57	333	EP		1940	6.030	-0.25							1.0
AL03AHN		57	333	ES		1941	5.220	0.72							1.0
AL03AHZ		57	333	IAML		1941	8.997								
BERA HZ		58	212	EP		1940	6.290	-0.32							1.0
BERA HZ		58	212	IAML		1941	4.960		17	0.1					
PHP HZ		60	10	EP		1940	6.808	-0.15							1.0
PHP HN		60	10	ES		1941	6.220	0.49							1.0
PHP HZ		60	10	IAML		1941	8.764		15	0.3					
AL04AHZ		65	256	EP		1940	8.360	0.53							1.0
AL04AHN		65	256	ES		1941	8.073	0.76							1.0
KBN HZ		71	146	EP		1940	9.292	0.50							1.0
KBN HE		71	146	ES		1941	9.111	0.07							1.0
LACI HZ		74	317	EP		1940	8.749	-0.57							1.0
LACI HN		74	317	ES		1941	0.259	0.25							1.0
LACI HZ		74	317	IAML		1941	1.016		17	0.5					
AL02AHZ		82	291	EP		1941	1.419	0.57							1.0
TPE HZ		98	195	EP		1941	3.626	0.01							1.0
NEST HZ		102	143	EP		1941	3.815	-0.55							1.0
NEST HN		102	143	ES		1941	9.171	0.05							1.0
NEST HZ		102	143	IAML		1941	3.975		9	1.0					
KKS HZ		103	4	EP		1941	4.693	0.31							1.0
KKS HN		103	4	ES		1941	8.700	-0.47							1.0
PUK HZ		105	341	EP		1941	4.192	-0.64							1.0

PUK	HN	105	341	ES		1941	0.113	0.14									1.0
PUK	HZ	105	341	IAML		1941	3.127			8	0.7						
LSK	HZ	114	168	EP		1941	6.594	0.38									1.0
LSK	HN	114	168	ES		1941	0.490	-1.98									1.0
LSK	HZ	114	168	IAML		1941	5.012			8	0.6						
SDA	HZ	121	326	EP		1941	7.439	0.05									1.0
SDA	HN	121	326	ES		1941	3.410	-1.18									1.0
PRZK	HZ	124	17	EP		1941	7.756	-0.10									1.0
AL06AHZ	127	202	EP		1941	8.812	0.43										1.0
AL06AHE	127	202	ES		1941	6.872	0.47										1.0
SRN	HZ	143	191	EP		1941	1.558	0.42									1.0
SRN	HE	143	191	ES		1941	2.266	0.88									1.0
SRN	HZ	143	191	IAML		1941	5.280			4	0.8						
PVY	HZ	163	350	EP		1941	4.832	0.32									0.9
KEK	HZ	165	196	EP		1941	5.438	0.62									0.9
KEK	HZ	165	196	IAML		1941	6.174			8	4.3						
PDG	HZ	167	329	EP		1941	5.465	0.40									0.9
IGT	HZ	180	180	EP		1941	7.472	0.30									0.9
IGT	HN	180	180	ES		1941	2.503	0.20									0.9
IGT	HZ	180	180	IAML		1941	8.367			5	3.2						

May 23 2023 Hour: 19:56 18.7 Lat: 40.60N Lon: 21.09E D: 7.8 Ag: TIR Local  
Magnitudes: 2.3ML TIR 2.5MW TIR Rms: 0.5 secs

9 km E of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	21	190	EP		1956	2.984	0.28							1.0
NEST	HE	21	190	ES		1956	6.030	0.05							1.0
NEST	HZ	21	190	IAML		1956	6.246			340	0.3				
KBN	HZ	26	276	EP		1956	3.473	-0.05							1.0
KBN	HE	26	276	ES		1956	6.858	-0.60							1.0
KBN	HZ	26	276	IAML		1956	7.610			238	0.5				
AL05AHZ	60	281	EP		1956	9.966	0.43								1.0
AL05AHN	60	281	ES		1956	7.635	-0.70								1.0
LSK	HZ	65	220	EP		1956	0.992	0.60							1.0
LSK	HZ	65	220	IAML		1956	9.986			20	0.7				
KZN	HN	66	119	ES		1956	0.543	0.29							1.0
AL08AHN	100	304	ES		1956	1.225	0.57								1.0
AL06AHN	127	244	ES		1956	7.986	-0.55								1.0
PHP	HN	132	336	ES		1957	0.070	-0.24							1.0
IGT	HN	135	209	ES		1957	1.734	0.67							1.0
AL04AHN	137	290	ES		1957	1.931	0.35								1.0
THL	HN	139	145	ES		1957	1.200	-1.14							1.0

May 23 2023 Hour: 21: 7 29.9 Lat: 40.54N Lon: 21.04E D: 9.0 Ag: TIR Local  
Magnitudes: 3.3ML TIR 3.6MW TIR Rms: 0.7 secs

10 km SE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	14	178	EP		2107	4.180	1.17							1.0
NEST	HE	14	178	ES		2107	5.946	0.43							1.0
NEST	HZ	14	178	IAML		2107	7.138			24472	0.2				
KBN	HZ	23	293	EP		2107	4.622	0.18							1.0
KBN	HN	23	293	ES		2107	8.096	-0.02							1.0
KBN	HZ	23	293	IAML		2107	9.567			6022	0.9				
AL07AHZ	50	322	EP		2107	8.816	-0.23								1.0
AL07AHN	50	322	ES		2107	7.558	1.11								1.0
LSK	HZ	58	221	EP		2107	9.396	-0.95							1.0
LSK	HE	58	221	ES		2107	8.602	-0.19							1.0
LSK	HZ	58	221	IAML		2107	5.155			1324	1.1				
AL05AHZ	58	288	EP		2107	9.494	-0.91								1.0
AL05AHN	58	288	ES		2107	8.658	-0.24								1.0
AL05AHZ	58	288	IAML		2107	1.278				1.00	0.7				
KZN	HZ	67	113	EP		2107	2.442	0.46							1.0
KZN	HE	67	113	ES		2107	2.614	0.85							1.0
TPE	HZ	91	253	EP		2107	5.781	-0.21							1.0

TPE	HE	91	253	ES	2107	8.659-0.35										1.0
TPE	HZ	91	253	IAML	2108	1.716	507	0.6								
BERA	HZ	94	281	EP	2107	4.792-1.66										1.0
BERA	HE	94	281	ES	2107	9.194-0.65										1.0
BERA	HZ	94	281	IAML	2108	9.908	370	0.4								
AL08AHZ		101	309	EP	2107	6.347-1.24										1.0
AL08AHN		101	309	ES	2108	2.852 0.94										1.0
SRN	HZ	115	231	EP	2107	9.935-0.00										1.0
SRN	HE	115	231	ES	2108	5.996-0.17										1.0
SRN	HZ	115	231	IAML	2108	8.234	237	1.0								
AL06AHZ		120	246	EP	2107	0.533-0.25										1.0
AL06AHN		120	246	ES	2108	7.504-0.19										1.0
BPA2	HZ	122	280	EP	2107	1.011-0.11										1.0
IGT	HZ	127	209	EP	2107	2.566 0.57										1.0
IGT	HN	127	209	ES	2108	0.148 0.27										1.0
IGT	HZ	127	209	IAML	2108	4.214	236	0.4								
VLO	HZ	131	267	EP	2107	3.284 0.64										1.0
VLO	HN	131	267	ES	2108	2.898 1.84										1.0
VLO	HZ	131	267	IAML A	2108	7.173	906	0.5								
TIR	HZ	134	312	EP	2107	3.044 0.03										1.0
TIR	HN	134	312	ES	2108	2.300 0.57										1.0
TIR	HZ	134	312	IAML	2108	5.769	106	1.0								
AL04AHZ		135	293	EP	2107	3.762 0.47										1.0
AL04AHN		135	293	ES	2108	2.326 0.09										1.0
PHP	HZ	137	338	EP	2107	2.767-0.79										1.0
PHP	HZ	137	338	IAML	2108	8.060	322	0.9								
THL	HZ	137	142	EP	2107	3.044-0.46										1.0
THL	HN	137	142	ES	2108	2.374-0.25										1.0
KEK	HZ	140	229	EP	2107	3.762-0.39										1.0
KEK	HZ	140	229	IAML	2108	5.498	382	0.8								
AL03AHZ		147	324	EP	2107	4.474-0.72										1.0
AL03AHE		147	324	ES	2108	5.492-0.17										1.0
AL03AHZ		147	324	IAML	2108	2.649	0.20	0.5								
THE	HZ	163	86	EP	2107	7.036-0.89										0.9
THE	HZ	163	86	IAML A	2108	5.826	100	1.0								
LACI	HZ	165	318	EP	2107	8.214-0.01										0.9
LACI	HZ	165	318	IAML	2108	2.082	280	0.7								
KKS	HZ	178	343	EP	2108	0.471 0.17										0.9
PRZK	HZ	187	353	EP	2108	1.064-0.37										0.9
PUK	HZ	193	330	EP	2108	2.400 0.22										0.9
PUK	HZ	193	330	IAML	2108	6.688	60	0.5								
LKD2	HZ	197	190	EP	2108	3.585 0.83										0.9
PLG	HZ	205	94	EP	2108	3.023-0.67										0.9
SDA	HZ	212	323	EP	2108	4.804 0.29										0.9
SDA	HZ	212	323	IAML	2108	4.614	32	1.6								
BCI	HZ	218	338	EP	2108	5.784 0.33										0.9
BCI	HZ	218	338	IAML	2108	3.189	146	1.1								
SCTE	HZ	225	257	EP	2108	5.339-0.92										0.9
PVY	HZ	245	339	EP	2108	1.128 2.13										0.9
PDG	HZ	257	325	EP	2108	0.450 0.09										0.9
PDG	HZ	257	325	IAML	2108	6.624	52	0.6								
VLS	HZ	265	189	EP	2108	1.020-0.44										0.9
NKME	HZ	302	326	EP	2108	6.432 0.20										0.8
ITM	HZ	381	168	EP	2108	7.683 1.39										0.8
RDO	HZ	385	79	EP	2108	5.261-1.47										0.8

May 23 2023 Hour: 22:36 14.1 Lat: 39.62N Lon: 21.18E D: 5.0F Ag: TIR Local  
Magnitudes: 0.9ML TIR 3.0MW TIR Rms: 0.6 secs  
85 km E of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THL	HZ	72	94	EP		2236	7.751	0.78							1.0
THL	HN	72	94	ES		2236	6.741	-0.64							1.0
IGT	HZ	73	263	EP		2236	6.873	-0.38							1.0
IGT	HE	73	263	ES		2236	7.284	-0.62							1.0

IGT	HZ	73	263	IAML	2236	0.207			2	0.4					
LSK	HZ	78	320	EP	2236	8.009	0.02								1.0
LSK	HN	78	320	ES	2236	8.539	-0.69								1.0
LSK	HZ	78	320	IAML	2236	4.504			3	0.6					
NEST	HZ	90	353	EP	2236	0.969	0.84								1.0
NEST	HE	90	353	ES	2236	2.365	-0.75								1.0
NEST	HZ	90	353	IAML	2236	9.083			2	0.7					
LKD2	HZ	102	206	EP	2236	2.163	-0.10								1.0
LKD2	HE	102	206	ES	2236	6.805	-0.17								1.0
SRN	HZ	105	287	EP	2236	2.951	0.20								1.0
SRN	HZ	105	287	IAML	2236	2.647			1	0.8					
AL06AHZ	133	294	EP	2236	7.917	0.60									1.0
AL06AHN	133	294	ES	2236	7.115	1.01									1.0

May 24 2023 Hour: 0:30 57.6 Lat: 40.53N Lon: 21.03E D: 13.9 Ag: TIR Local  
Magnitudes: 1.5ML TIR 2.0MW TIR Rms: 0.6 secs

10 km S of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	13	171	EP		0031	1.541	0.40							1.0
NEST	HN	13	171	ES		0031	4.373	0.37							1.0
NEST	HZ	13	171	IAML		0031	4.987			169	0.2				
KBN	HZ	23	297	EP		0031	2.141	-0.20							1.0
KBN	HN	23	297	ES		0031	5.287	-0.89							1.0
KBN	HZ	23	297	IAML		0031	6.291			38	0.5				
AL07AHZ	50	324	EP			0031	6.630	-0.11							1.0
AL07AHN	50	324	ES			0031	5.398	1.25							1.0
LSK	HZ	56	221	EP		0031	7.054	-0.67							1.0
LSK	HN	56	221	ES		0031	5.729	-0.19							1.0
LSK	HZ	56	221	IAML		0031	6.628			6	0.5				
AL05AHZ	57	290	EP			0031	7.278	-0.58							1.0
AL05AHN	57	290	ES			0031	5.878	-0.29							1.0
KZN	HZ	68	111	EP		0031	9.209	-0.52							1.0
KZN	HN	68	111	ES		0031	9.626	0.07							1.0
SRN	HZ	113	231	EP		0031	7.527	0.30							1.0
AL06AHZ	119	246	EP			0031	8.583	0.50							1.0
AL06AHN	119	246	ES			0031	5.258	0.59							1.0

May 24 2023 Hour: 9:35 51.3 Lat: 39.45N Lon: 19.81E D: 5.0F Ag: TIR Local  
Magnitudes: 3.3ML TIR 3.5MW TIR Rms: 0.6 secs

39 km SW of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KEK	HZ	30	358	EP		0935	6.260	-0.36							1.0
KEK	HN	30	358	ES		0936	0.445	-0.51							1.0
KEK	HZ	30	358	IAML		0936	4.378			5018	0.6				
IGT	HZ	46	78	EP		0935	9.258	-0.30							1.0
IGT	HZ	46	78	IAML		0936	1.377			1085	0.4				
SRN	HZ	51	19	EP		0935	9.683	-0.70							1.0
SRN	HE	51	19	ES		0936	7.346	-0.42							1.0
SRN	HZ	51	19	IAML		0936	0.600			2664	0.4				
JAN	HZ	93	75	EP		0936	7.111	-0.71							1.0
JAN	HE	93	75	ES		0936	1.079	-0.16							1.0
TPE	HZ	96	11	EP		0936	7.028	-1.30							1.0
TPE	HE	96	11	ES		0936	1.798	-0.35							1.0
TPE	HZ	96	11	IAML		0936	4.059			370	0.5				
LSK	HZ	103	41	EP		0936	8.601	-1.03							1.0
LSK	HN	103	41	ES		0936	4.082	-0.43							1.0
LSK	HZ	103	41	IAML		0936	3.963			485	0.7				
LKD2	HZ	104	135	EP		0936	0.405	0.74							1.0
LKD2	HN	104	135	ES		0936	4.747	0.19							1.0
VLO	HZ	116	347	EP		0936	1.899	0.12							1.0
VLO	HN	116	347	ES		0936	8.556	0.17							1.0
VLO	HZ	116	347	IAML		0936	8.378			294	0.4				
SCTE	HZ	134	302	EP		0936	4.922	0.19							1.0
SCTE	HN	134	302	ES		0936	3.663	-0.07							1.0



BERA HZ	140	5	EP	0936	5.336	-0.34											1.0
BERA HN	140	5	ES	0936	5.737	0.28											1.0
BERA HZ	140	5	IAML	0936	0.838				305	0.4							
AL05AHZ	148	19	EP	0936	6.530	-0.57											1.0
AL05AHE	148	19	ES	0936	8.587	0.55											1.0
NEST HZ	151	44	EP	0936	7.579	-0.00											1.0
NEST HN	151	44	ES	0936	9.387	0.49											1.0
NEST HZ	151	44	IAML	0936	5.096				292	0.7							
KBN HZ	155	32	EP	0936	8.223	-0.03											1.0
KBN HN	155	32	ES	0936	0.619	0.51											1.0
KBN HZ	155	32	IAML	0936	0.316				148	0.6							
VLS HZ	156	154	EP	0936	8.310	-0.15											1.0
VLS HN	156	154	ES	0936	0.604	0.11											1.0
AL04AHZ	174	353	EP	0936	1.209	-0.23											0.9
AL04AHN	174	353	ES	0936	6.303	0.43											0.9
AL07AHZ	178	24	EP	0936	2.510	0.52											0.9
AL07AHN	178	24	ES	0936	7.258	0.39											0.9
AL08AHZ	186	8	EP	0936	3.516	0.43											0.9
AL08AHN	186	8	ES	0936	9.618	0.76											0.9
THL HZ	190	85	EP	0936	3.903	0.27											0.9
THL HN	190	85	ES	0936	0.365	0.50											0.9
KZN HZ	193	60	EP	0936	4.379	0.27											0.9
KZN HN	193	60	ES	0936	1.578	0.86											0.9
TIR HZ	211	1	EP	0936	6.350	0.02											0.9
TIR HN	211	1	ES	0936	5.539	0.81											0.9
TIR HZ	211	1	IAML	0937	4.075				45	0.4							
AL02AHZ	221	351	EP	0936	7.855	0.34											0.9
AL02AHE	221	351	ES	0936	7.634	0.75											0.9
AL03AHZ	240	4	EP	0936	0.604	0.57											0.9
AL03AHN	240	4	ES	0937	2.124	0.69											0.9
LACI HZ	243	358	EP	0936	0.889	0.46											0.9
PHP HZ	254	12	EP	0936	1.035	-0.87											0.9
PHP HN	254	12	ES	0937	5.551	0.72											0.9
PHP HZ	254	12	IAML	0937	0.409				53	1.4							
NOCI HZ	277	303	EP	0936	5.519	0.68											0.8
NOCI HN	277	303	ES	0937	0.551	0.41											0.8
PUK HZ	288	1	EP	0936	4.258	-2.06											0.8
PUK HZ	288	1	IAML	0937	9.131				20	0.6							
SDA HZ	290	355	EP	0936	6.709	0.26											0.8
SDA HZ	290	355	IAML	0937	9.877				7	0.8							
KKS HZ	296	10	EP	0936	6.199	-1.02											0.8
ITM HZ	313	143	EP	0936	9.393	0.03											0.8
BCI HZ	325	4	EP	0936	9.425	-1.54											0.8
BCI HZ	325	4	IAML	0937	6.677				40	0.9							
PDG HZ	334	352	EP	0936	2.025	-0.09											0.8

May 24 2023 Hour: 15: 3 29.2 Lat: 39.18N Lon: 21.45E D: 14.8 Ag: TIR Local  
Magnitudes: 2.3ML TIR 2.9MW TIR Rms: 0.4 secs  
121 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THL HZ		64	49	EP		1503	0.940	0.28							1.0
THL HE		64	49	ES		1503	9.945	-0.01							1.0
LKD2 HZ		82	238	EP		1503	3.401	-0.15							1.0
LKD2 HE		82	238	ES		1503	5.478	0.30							1.0
IGT HZ		104	292	EP		1503	7.487	0.22							1.0
IGT HE		104	292	ES		1504	1.611	-0.30							1.0
IGT HZ		104	292	IAML		1504	6.644			15	0.4				
KZN HZ		128	12	EP		1503	1.071	-0.19							1.0
KZN HN		128	12	ES		1504	8.748	-0.38							1.0
LSK HZ		130	326	EP		1503	1.518	-0.11							1.0
LSK HE		130	326	ES		1504	9.454	-0.35							1.0
LSK HZ		130	326	IAML		1504	6.708			24	1.0				
VLS HN		135	214	ES		1504	0.457	-0.66							1.0
NEST HZ		141	346	EP		1503	3.854	0.37							1.0

NEST HN	141	346	ES	1504	2.986-0.18												1.0
NEST HZ	141	346	IAML	1504	6.476				22	0.4							
SRN HZ	147	302	EP	1503	4.182-0.20												1.0
SRN HE	147	302	ES	1504	5.545 0.75												1.0
SRN HZ	147	302	IAML	1504	8.469				14	0.4							
KEK HZ	154	293	EP	1503	6.214 0.66												1.0
KEK HE	154	293	ES	1504	6.712-0.20												1.0
KEK HZ	154	293	IAML	1504	1.622				17	0.4							
AL06AHZ	177	305	EP	1503	9.440 0.72												0.9
AL06AHE	177	305	ES	1504	2.120-0.51												0.9

May 26 2023 Hour: 0: 5 51.0 Lat: 40.42N Lon: 19.61E D: 18.6 Ag: TIR Local  
Magnitudes: 3.1ML TIR 3.4MW TIR Rms: 0.7 secs  
11 km SE of Vlore

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLO	HZ	11	299	EP		0005	4.252-0.55								1.0
VLO	HN	11	299	ES		0005	7.469-0.40								1.0
VLO	HZ	11	299	IAML		0005	8.701		21358	0.3					
BPA2	HZ	35	1	EP		0005	8.017 0.20								1.0
BPA2	HN	35	1	ES		0006	3.720 0.39								1.0
TPE	HZ	37	112	EP		0005	7.127-1.10								1.0
TPE	HN	37	112	ES		0006	4.314 0.24								1.0
TPE	HZ	37	112	IAML		0006	1.296		918	0.5					
AL06AHZ	39	161	EP			0005	7.811-0.67								1.0
AL06AHE	39	161	ES			0006	4.277-0.26								1.0
BERA	HZ	43	42	EP		0005	7.717-1.36								1.0
BERA	HE	43	42	ES		0006	4.091-1.51								1.0
BERA	HZ	43	42	IAML		0006	7.434		800	0.2					
AL04AHZ	65	356	EP			0006	3.851 1.10								1.0
AL04AHE	65	356	ES			0006	3.116 0.85								1.0
SRN	HZ	69	151	EP		0006	3.067-0.18								1.0
SRN	HN	69	151	ES		0006	3.055-0.11								1.0
SRN	HZ	69	151	IAML		0006	7.027		183	0.7					
AL05AHZ	73	64	EP			0006	3.844-0.25								1.0
AL05AHN	73	64	ES			0006	4.787 0.10								1.0
KEK	HZ	80	168	EP		0006	5.266 0.09								1.0
KEK	HN	80	168	ES		0006	6.949 0.31								1.0
KEK	HZ	80	168	IAML		0006	2.293		257	0.6					
AL08AHZ	87	28	EP			0006	5.871-0.41								1.0
AL08AHN	87	28	ES			0006	8.803 0.16								1.0
LSK	HZ	89	109	EP		0006	6.172-0.56								1.0
LSK	HN	89	109	ES		0006	8.887-0.58								1.0
LSK	HZ	89	109	IAML		0006	6.453		344	0.5					
KBN	HZ	102	77	EP		0006	8.727-0.16								1.0
KBN	HE	102	77	ES		0006	3.326-0.04								1.0
KBN	HZ	102	77	IAML		0006	7.172		199	0.6					
AL07AHN	105	59	ES			0006	4.526 0.37								1.0
SCTE	HN	105	249	ES		0006	3.906-0.07								1.0
TIR	HE	105	12	ES		0006	4.738 0.54								1.0
TIR	HZ	105	12	IAML		0006	9.835		102	1.0					
SCTE	HZ	105	249	EP		0006	9.814 0.59								1.0
AL07AHZ	105	59	EP			0006	9.407 0.09								1.0
TIR	HZ	105	12	EP		0006	9.419 0.07								1.0
AL02AHZ	111	351	EP			0006	2.279 1.95								1.0
AL02AHE	111	351	ES			0006	6.283 0.30								1.0
IGT	HZ	116	148	EP		0006	1.695 0.54								1.0
IGT	HN	116	148	ES		0006	7.829 0.35								1.0
IGT	HZ	116	148	IAML		0006	2.794		107	0.7					
NEST	HZ	122	90	EP		0006	3.068 0.88								1.0
NEST	HN	122	90	ES		0006	9.683 0.34								1.0
NEST	HZ	122	90	IAML		0006	3.977		245	0.8					
AL03AHZ	135	14	EP			0006	3.857-0.39								1.0
AL03AHN	135	14	ES			0006	2.892-0.17								1.0
LACI	HZ	136	4	EP		0006	4.449 0.22								1.0

LACI	HN	136	4	ES	0006	3.083	0.04										1.0
LACI	HZ	136	4	IAML	0006	4.964		143	0.5								
PHP	HZ	157	26	EP	0006	7.802	0.17										1.0
PHP	HN	157	26	ES	0006	9.303	0.11										1.0
PHP	HZ	157	26	IAML	0006	8.475		103	1.0								
SDA	HZ	181	357	EP	0006	0.071	-0.61										0.9
SDA	HN	181	357	ES	0006	2.459	-2.26										0.9
SDA	HZ	181	357	IAML	0006	0.349		17	0.3								
PUK	HZ	182	7	EP	0006	0.663	-0.19										0.9
PUK	HE	182	7	ES	0006	4.888	-0.14										0.9
PUK	HZ	182	7	IAML	0006	9.264		64	0.5								
KZN	HZ	184	93	EP	0006	1.868	0.74										0.9
KZN	HE	184	93	ES	0006	6.070	0.55										0.9
KKS	HZ	195	20	EP	0006	3.050	0.53										0.9
LKD2	HZ	202	153	EP	0006	4.312	0.91										0.9
NOCI	HZ	219	282	EP	0006	5.763	0.16										0.9
BCI	HZ	220	10	EP	0006	5.989	0.34										0.9
BCI	HN	220	10	ES	0006	3.472	-0.24										0.9
BCI	HZ	220	10	IAML	0006	7.450		119	0.7								
PRZK	HZ	221	25	EP	0006	6.284	0.44										0.9
PDG	HZ	225	353	EP	0006	6.353	0.05										0.9
PDG	HZ	225	353	IAML	0007	2.086		48	0.4								
THL	HZ	226	114	EP	0006	7.074	0.64										0.9
PVY	HZ	243	7	EP	0006	8.849	0.06										0.9
VLS	HZ	263	161	EP	0006	1.113	-0.06										0.9
MRVN	HZ	297	285	EP	0006	5.441	-0.15										0.8
PLG	HZ	326	90	EP	0006	8.909	-0.33										0.8
SGRT	HZ	357	296	EP	0006	0.980	-2.35										0.8

May 26 2023 Hour: 0:57 7.7 Lat: 40.53N Lon: 20.84E D: 9.6 Ag: TIR Local  
Magnitudes: 1.5ML TIR 2.1MW TIR Rms: 0.5 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	335	EP		0057	0.461	0.06							1.0
KBN	HZ	11	335	IAML		0057	2.320		116	0.2					
KBN	HN	11	335	ES		0057	2.394	-0.19							1.0
NEST	HZ	22	127	EP		0057	2.097	0.03							1.0
NEST	HN	22	127	ES		0057	5.503	-0.10							1.0
NEST	HZ	22	127	IAML		0057	5.887		90	0.2					
AL05AHZ		43	297	EP		0057	5.070	-0.45							1.0
AL05AHN		43	297	ES		0057	1.963	0.10							1.0
LSK	HZ	48	206	EP		0057	6.693	0.30							1.0
LSK	HE	48	206	ES		0057	3.841	0.41							1.0
LSK	HZ	48	206	IAML		0057	7.706		10	0.4					
BERA	HN	78	284	ES		0057	1.794	-0.84							1.0
BERA	HZ	78	284	IAML		0057	3.058		6	1.1					
KZN	HN	83	108	IS		0057	3.950	-0.24							1.0
AL03AHE		138	330	ES		0057	1.759	0.99							1.0

May 26 2023 Hour: 12:35 6.5 Lat: 41.54N Lon: 19.66E D: 21.9 Ag: TIR Local  
Magnitudes: 2.8ML TIR 3.0MW TIR Rms: 0.4 secs  
11 km W of Kruje

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LACI	HZ	12	24	EP		1235	0.841	-0.03							1.0
LACI	HE	12	24	ES		1235	3.796	-0.57							1.0
LACI	HZ	12	24	IAML		1235	4.521		3222	0.3					
AL02AHZ		26	237	EP		1235	3.100	0.65							1.0
AL02AHN		26	237	ES		1235	7.549	0.32							1.0
TIR	HN	27	141	EP		1235	2.691	0.10							1.0
TIR	HE	27	141	ES		1235	7.760	0.27							1.0
AL03AHZ		30	76	EP		1235	3.219	0.28							1.0
AL03AHN		30	76	ES		1235	8.367	0.25							1.0
SDA	HZ	58	347	EP		1235	6.942	-0.34							1.0
SDA	HE	58	347	ES		1235	6.129	0.16							1.0

SDA	HZ	58	347	IAML	1235	0.000		27	0.1					
PUK	HZ	59	19	EP	1235	7.292-0.20								1.0
PUK	HN	59	19	ES	1235	6.174-0.18								1.0
PUK	HZ	59	19	IAML	1235	9.385		274	0.3					
AL08AHZ		61	142	EP	1235	7.459-0.20								1.0
AL08AHN		61	142	ES	1235	6.552-0.10								1.0
PHP	HZ	67	76	EP	1235	8.773 0.05								1.0
PHP	HE	67	76	ES	1235	8.445-0.14								1.0
PHP	HZ	67	76	IAML	1235	9.538		155	0.6					
KKS	HZ	86	46	EP	1235	1.640-0.08								1.0
BERA	HZ	96	165	EP	1235	3.098-0.25								1.0
BERA	HN	96	165	ES	1235	7.353 0.40								1.0
BERA	HZ	96	165	IAML	1235	9.572		218	0.4					
BCI	HZ	98	20	EP	1235	3.214-0.52								1.0
BCI	HE	98	20	ES	1235	7.759 0.11								1.0
PDG	HZ	104	342	EP	1235	4.657-0.04								1.0
PDG	HN	104	342	ES	1235	9.591 0.20								1.0
AL05AHZ		111	146	EP	1235	5.925 0.16								1.0
PRZK	HZ	118	50	EP	1235	6.716-0.15								1.0
PRZK	HE	118	50	ES	1235	3.901 0.57								1.0
PVY	HZ	120	12	EP	1235	6.867-0.38								1.0
PVY	HE	120	12	ES	1235	4.069 0.06								1.0
TPE	HE	141	168	ES	1235	9.638-0.28								1.0
TPE	HZ	141	168	IAML	1235	6.935		90	0.5					
ME01AHZ		146	7	EP	1235	1.824 0.45								1.0
ME01AHE		146	7	ES	1235	2.079 0.60								1.0
NKME	HZ	149	337	EP	1235	1.332-0.36								1.0
NKME	HN	149	337	ES	1235	1.714-0.34								1.0
AL06AHZ		161	177	EP	1235	3.096-0.20								0.9
NEST	HZ	171	136	EP	1235	5.983 1.32								0.5
NEST	HN	171	136	ES	1235	7.148-0.29								0.9
NEST	HZ	171	136	IAML	1236	8.873		40	0.4					
LSK	HZ	173	153	IAML	1236	2.906		48	0.5					
ME02AHZ		185	346	EP	1235	5.996-0.54								0.9
ME02AHE		185	346	ES	1236	1.417 0.59								0.9
KEK	HZ	203	177	EP	1235	7.662-1.01								0.5
KEK	HZ	203	177	IAML	1236	1.165		52	0.5					
IGT	HZ	230	165	EP	1235	1.939-0.18								0.9
IGT	HZ	230	165	IAML	1236	2.392		28	0.6					

May 26 2023 Hour: 14:37 49.9 Lat: 41.56N Lon: 19.66E D: 19.8 Ag: TIR Local  
Magnitudes: 2.0ML TIR 2.4MW TIR Rms: 0.7 secs  
10 km SW of Lac

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LACI	HZ	10	28	EP		1437	3.613-0.16								1.0
LACI	HE	10	28	ES		1437	6.483-0.43								1.0
LACI	HZ	10	28	IAML		1437	7.093			455	0.3				
AL02AHZ		28	234	EP		1437	5.821 0.05								1.0
AL02AHN		28	234	ES		1438	1.943 1.42								1.0
TIR	HZ	29	143	EP		1437	5.339-0.63								1.0
TIR	HN	29	143	ES		1438	0.389-0.50								1.0
TIR	HZ	29	143	IAML		1438	1.195			83	0.4				
AL03AHZ		29	80	EP		1437	5.831-0.21								1.0
AL03AHN		29	80	ES		1438	1.759 0.75								1.0
AL03AHZ		29	80	IAML		1438	3.587			0.20	0.5				
SDA	HZ	57	346	EP		1438	0.074-0.16								1.0
SDA	HE	57	346	ES		1438	8.377-0.22								1.0
SDA	HZ	57	346	IAML		1438	4.710			4	0.2				
PUK	HZ	57	20	EP		1438	0.291-0.15								1.0
PUK	HN	57	20	ES		1438	9.408 0.42								1.0
PUK	HZ	57	20	IAML		1438	3.336			36	0.3				
AL08AHZ		62	143	EP		1438	0.474-0.71								1.0
AL08AHE		62	143	ES		1438	9.839-0.48								1.0
PHP	HZ	67	77	EP		1438	1.899-0.02								1.0

PHP	HE	67	77	ES		1438	2.089	0.44									1.0
PHP	HZ	67	77	IAML		1438	2.280		27	0.5							
KKS	HZ	84	47	EP		1438	4.297	-0.49									1.0
KKS	HE	84	47	ES		1438	6.992	0.15									1.0
BCI	HZ	96	20	EP		1438	5.959	-0.81									1.0
BCI	HE	96	20	ES		1438	1.188	0.77									1.0
BCI	HZ	96	20	IAML		1438	7.333		21	0.7							
BERA	HZ	98	166	EP		1438	6.538	-0.47									1.0
BERA	HN	98	166	ES		1438	0.170	-0.70									1.0
BERA	HZ	98	166	IAML		1438	2.102		32	0.4							
AL05AHZ		113	147	EP		1438	0.693	1.19									1.0
AL05AHN		113	147	ES		1438	6.800	1.43									1.0
PVY	HZ	118	12	EP		1438	9.374	-1.02									1.0
PVY	HN	118	12	ES		1438	7.582	0.58									1.0

May 26 2023 Hour: 14:49 14.3 Lat: 40.78N Lon: 19.66E D: 5.5 Ag: TIR Local  
Magnitudes: 1.6ML TIR 3.5MW TIR Rms: 0.6 secs

5 km NW of Roskovec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA	HZ	26	110	EP		1449	8.351	-0.69							1.0
BERA	HN	26	110	ES		1449	1.894	-0.98							1.0
BERA	HZ	26	110	IAML		1449	4.001		53	0.1					
VLO	HZ	38	202	EP		1449	1.583	0.47							1.0
VLO	HE	38	202	ES		1449	7.371	0.73							1.0
VLO	HZ	38	202	IAML		1449	1.322		65	0.4					
TPE	HZ	62	151	EP		1449	5.695	0.26							1.0
TPE	HN	62	151	ES		1449	3.927	-0.53							1.0
TPE	HZ	62	151	IAML		1449	9.503		11	0.5					
AL05AHZ		62	98	EP		1449	4.774	-0.70							1.0
AL05AHN		62	98	ES		1449	4.659	0.13							1.0
AL06AHZ		78	174	EP		1449	8.828	0.62							1.0
AL06AHN		78	174	ES		1449	9.823	0.35							1.0
SRN	HZ	104	164	EP		1449	3.128	0.36							1.0
SRN	HN	104	164	ES		1449	7.823	0.09							1.0
SRN	HZ	104	164	IAML		1449	0.531		5	0.4					
LSK	HZ	106	131	EP		1449	3.639	0.52							1.0
LSK	HN	106	131	ES		1449	9.301	0.93							1.0
LSK	HZ	106	131	IAML		1449	6.890		8	0.6					
KEK	HZ	120	174	EP		1449	5.028	-0.27							1.0
KEK	HN	120	174	ES		1449	2.504	0.19							1.0
KEK	HZ	120	174	IAML		1449	9.125		10	0.5					
NEST	HZ	124	109	EP		1449	6.913	0.75							1.0
NEST	HN	124	109	ES		1449	3.954	0.09							1.0
NEST	HZ	124	109	IAML		1449	8.329		5	0.4					
SCTE	HZ	129	232	EP		1449	6.557	-0.23							1.0
SCTE	HN	129	232	ES		1449	3.666	-1.34							1.0
PUK	HZ	141	8	EP		1449	9.116	0.19							1.0
PUK	HE	141	8	ES		1449	8.931	0.05							1.0
PUK	HZ	141	8	IAML		1450	0.307		3	0.2					
IGT	HZ	150	157	EP		1449	0.822	0.39							1.0
IGT	HN	150	157	ES		1450	0.086	-1.51							1.0
IGT	HZ	150	157	IAML		1450	8.063		3	1.2					

May 26 2023 Hour: 18:58 1.2 Lat: 39.14N Lon: 20.58E D: 2.4 Ag: TIR Local  
Magnitudes: 1.7ML TIR 2.1MW TIR Rms: 0.2 secs

67 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	40	171	EP		1858	8.149	-0.19							1.0
LKD2	HN	40	171	ES		1858	4.178	0.08							1.0
KEK	HZ	93	313	EP		1858	7.942	0.16							1.0
KEK	HN	93	313	ES		1858	1.167	-0.04							1.0
KEK	HZ	93	313	IAML		1858	4.134		17	0.6					
SRN	HZ	96	329	EP		1858	8.247	-0.14							1.0
SRN	HN	96	329	ES		1858	2.469	0.18							1.0

SRN	HZ	96	329	IAML	1858	4.369			3	0.4				
VLS	HZ	107	180	EP	1858	0.531	0.17							1.0
VLS	HN	107	180	ES	1858	5.819	-0.04							1.0
THL	HZ	132	69	EP	1858	4.584	0.13							1.0
THL	HN	132	69	ES	1858	3.361	0.09							1.0
NEST	HZ	147	16	EP	1858	6.497	-0.51							1.0
NEST	HN	147	16	ES	1858	7.985	0.10							1.0
NEST	HZ	147	16	IAML	1858	1.674			5	1.2				

**May 28 2023 Hour: 7: 8 3.0 Lat: 39.29N Lon: 20.35E D: 31.3 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR 2.3MW TIR Rms: 0.3 secs**  
**43 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	27	357	EP		0708	0.310	0.23							1.0
IGT	HE	27	357	ES		0708	5.701	-0.09							1.0
IGT	HZ	27	357	IAML		0708	6.135		89	0.3					
LKD2	HZ	61	154	EP		0708	4.904	0.27							1.0
LKD2	HN	61	154	ES		0708	3.999	-0.03							1.0
KEK	HZ	67	315	EP		0708	5.799	0.35							1.0
KEK	HN	67	315	ES		0708	5.485	-0.02							1.0
KEK	HZ	67	315	IAML		0708	6.610		201	0.6					
SRN	HZ	72	336	EP		0708	6.155	-0.09							1.0
SRN	HE	72	336	ES		0708	6.719	-0.23							1.0
SRN	HZ	72	336	IAML		0708	7.983		19	0.2					
AL06AHZ		103	331	EP		0708	1.113	0.21							1.0
TPE	HZ	116	346	EP		0708	3.047	0.10							1.0
TPE	HE	116	346	ES		0708	8.677	-0.40							1.0
TPE	HZ	116	346	IAML		0708	0.894		13	0.2					
VLS	HZ	125	170	EP		0708	3.955	-0.32							1.0
NEST	HZ	139	25	EP		0708	6.181	0.01							1.0
NEST	HN	139	25	ES		0708	5.398	0.48							1.0
THL	HZ	147	77	EP		0708	6.551	-0.50							1.0

**May 28 2023 Hour: 8:35 13.6 Lat: 41.90N Lon: 20.14E D: 15.7 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR 2.2MW TIR Rms: 0.3 secs**  
**20 km SE of Fushe-Arrez**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	26	308	EP		0835	8.851	-0.07							1.0
PUK	HE	26	308	ES		0835	3.654	0.40							1.0
PUK	HZ	26	308	IAML		0835	5.800		92	0.2					
KKS	HZ	29	49	EP		0835	9.791	0.37							1.0
KKS	HE	29	49	ES		0835	4.207	0.05							1.0
PHP	HZ	35	133	EP		0835	9.927	-0.38							1.0
PHP	HE	35	133	ES		0835	5.388	-0.37							1.0
PHP	HZ	35	133	IAML		0835	6.053		136	0.1					
AL03AHZ		35	198	EP		0835	0.366	0.08							1.0
AL03AHE		35	198	ES		0835	5.702	-0.02							1.0
LACI	HZ	45	230	EP		0835	2.541	0.60							1.0
LACI	HE	45	230	ES		0835	8.713	-0.01							1.0
LACI	HZ	45	230	IAML		0835	2.300		22	0.2					
BCI	HZ	52	354	EP		0835	2.814	-0.28							1.0
BCI	HE	52	354	ES		0835	1.029	0.24							1.0
BCI	HZ	52	354	IAML		0835	2.548		33	0.2					
SDA	HZ	55	288	EP		0835	3.624	0.06							1.0
SDA	HE	55	288	ES		0835	1.342	-0.30							1.0
SDA	HZ	55	288	IAML		0835	2.669		12	0.1					
PRZK	HZ	62	56	EP		0835	4.413	-0.32							1.0
PVY	HZ	79	349	EP		0835	7.302	-0.20							1.0
PVY	HN	79	349	ES		0835	8.599	-0.18							1.0
PDG	HZ	93	309	EP		0835	9.484	-0.37							1.0
PDG	HE	93	309	ES		0835	2.934	-0.10							1.0
PDG	HZ	93	309	IAML		0835	5.733		18	0.2					
GMRK	HZ	123	46	EP		0835	5.439	0.58							1.0
GMRK	HN	123	46	ES		0835	2.130	0.03							1.0

AL05AHZ	134	171	EP	0835	6.942	0.21									1.0
AL05AHN	134	171	ES	0835	5.406	-0.08									1.0
NKME HZ	137	315	EP	0835	7.057	-0.13									1.0
NEST HZ	182	155	EP	0835	3.983	0.23									0.9

**May 28 2023 Hour: 18:56 59.4 Lat: 41.15N Lon: 20.27E D: 6.8 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR 2.3MW TIR Rms: 0.5 secs**  
**5 km SW of Librazhd**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL08AHZ		15	251	EP		1857	2.053	-0.28							1.0
AL08AHE		15	251	ES		1857	4.782	0.08							1.0
TIR HZ		40	303	EP		1857	7.255	0.54							1.0
TIR HN		40	303	ES		1857	3.553	0.91							1.0
TIR HZ		40	303	IAML		1857	0.913			29	0.5				1.0
AL07AHZ		44	129	EP		1857	7.705	0.29							1.0
AL03AHZ		55	336	EP		1857	9.386	0.11							1.0
AL03AHN		55	336	ES		1857	7.727	0.45							1.0
AL03AHZ		55	336	IAML		1857	0.007				0.5				1.0
BERA HZ		57	209	EP		1857	9.294	-0.26							1.0
BERA HN		57	209	ES		1857	6.409	-1.38							1.0
BERA HZ		57	209	IAML		1857	2.364			25	0.2				1.0
PHP HZ		61	14	EP		1857	9.815	-0.58							1.0
PHP HE		61	14	ES		1857	9.493	0.19							1.0
PHP HZ		61	14	IAML		1857	7.575			19	0.7				1.0
LACI HZ		71	320	EP		1857	1.899	-0.25							1.0
LACI HE		71	320	ES		1857	2.045	-0.43							1.0
LACI HZ		71	320	IAML		1857	3.318			24	1.2				1.0
KBN HZ		73	143	EP		1857	2.498	0.01							1.0
KBN HN		73	143	ES		1857	3.215	0.11							1.0
KBN HZ		73	143	IAML		1857	5.980			43	0.7				1.0
KKS HZ		103	6	EP		1857	6.982	-0.61							1.0
KKS HN		103	6	ES		1857	2.254	-0.07							1.0
PUK HZ		104	343	EP		1857	7.579	-0.19							1.0
PUK HN		104	343	ES		1857	2.854	0.21							1.0
PUK HZ		104	343	IAML		1857	4.381			8	0.6				1.0
NEST HZ		105	141	EP		1857	8.049	0.13							1.0
NEST HN		105	141	ES		1857	2.854	-0.06							1.0
NEST HZ		105	141	IAML		1857	0.337			12	0.6				1.0
LSK HZ		114	166	EP		1857	9.366	-0.14							1.0
LSK HN		114	166	ES		1857	5.677	-0.13							1.0
LSK HZ		114	166	IAML		1857	7.036			14	0.6				1.0
SDA HZ		119	328	EP		1857	0.056	-0.11							1.0
SDA HN		119	328	ES		1857	6.827	-0.17							1.0
SDA HZ		119	328	IAML		1857	8.954			2	0.9				1.0
PRZK HZ		125	19	EP		1857	1.194	-0.00							1.0
AL06AHZ		125	200	EP		1857	1.813	0.52							1.0
AL06AHN		125	200	ES		1857	9.128	0.09							1.0
BCI HZ		136	353	EP		1857	3.256	0.15							1.0
SRN HZ		143	189	EP		1857	5.767	1.59							1.0
SRN HZ		143	189	IAML		1857	1.503			5	1.3				1.0
KEK HZ		164	194	EP		1857	7.788	-0.01							0.9
KEK HN		164	194	ES		1857	0.971	0.17							0.9
PDG HZ		165	330	EP		1857	7.256	-0.62							0.9
IGT HZ		180	178	EP		1857	0.282	0.06							0.9
IGT HN		180	178	ES		1857	5.119	-0.07							0.9
NKME HZ		210	329	EP		1857	3.934	-0.25							0.9

**May 29 2023 Hour: 8:21 11.9 Lat: 41.90N Lon: 20.12E D: 16.3 Ag: TIR Local**  
**Magnitudes: 3.1ML TIR 3.3MW TIR Rms: 0.5 secs**  
**19 km S of Fushe-Arrez**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK HZ		25	309	EP		0821	7.260	0.16							1.0
PUK HN		25	309	ES		0821	1.385	0.04							1.0
PUK HZ		25	309	IAML		0821	3.318			1984	0.4				1.0

KKS	HZ	30	51	EP	0821	8.288	0.48										1.0
KKS	HN	30	51	ES	0821	2.252	-0.38										1.0
AL03AHZ		35	197	EP	0821	9.108	0.50										1.0
AL03AHN		35	197	ES	0821	3.931	-0.15										1.0
AL03AHZ		35	197	IAML	0821	6.835				3	0.7						
PHP	HZ	36	133	EP	0821	8.615	-0.15										1.0
PHP	HN	36	133	ES	0821	3.912	-0.46										1.0
PHP	HZ	36	133	IAML	0821	4.444				3215	0.3						
LACI	HZ	45	229	EP	0821	0.704	0.54										1.0
LACI	HN	45	229	ES	0821	7.269	0.38										1.0
LACI	HZ	45	229	IAML	0821	0.432				1462	0.2						
BCI	HZ	52	355	EP	0821	2.489	1.19										1.0
BCI	HN	52	355	ES	0821	9.714	0.77										1.0
BCI	HZ	52	355	IAML	0821	2.860				587							
SDA	HZ	54	288	EP	0821	1.699	0.02										1.0
SDA	HN	54	288	ES	0821	9.494	-0.14										1.0
SDA	HZ	54	288	IAML	0821	0.561				363	0.3						
PRZK	HZ	63	57	EP	0821	3.040	-0.07										1.0
PRZK	HN	63	57	ES	0821	1.929	-0.31										1.0
TIR	HZ	65	199	EP	0821	3.795	0.27										1.0
TIR	HN	65	199	ES	0821	2.636	-0.35										1.0
TIR	HZ	65	199	IAML	0821	5.918				284							
AL01AHZ		68	316	EP	0821	4.429	0.33										1.0
AL01AHN		68	316	ES	0821	2.945	-1.07										1.0
PVY	HZ	78	350	EP	0821	5.412	-0.27										1.0
AL08AHZ		89	181	EP	0821	7.065	-0.33										1.0
PDG	HZ	92	310	EP	0821	7.661	-0.30										1.0
PDG	HN	92	310	ES	0821	0.312	-0.70										1.0
PDG	HZ	92	310	IAML	0821	3.168				305	0.1						

May 29 2023 Hour: 8:21 35.8 Lat: 41.91N Lon: 20.13E D: 19.6 Ag: TIR Local  
Magnitudes: 3.7ML TIR 3.2MW TIR Rms: 0.5 secs  
19 km SE of Fushe-Arrez

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	24	308	EP		0821	1.272	-0.04							1.0
PUK	HN	24	308	ES		0821	5.610	-0.18							1.0
PUK	HZ	24	308	IAML		0821	7.278			9268	0.3				
KKS	HZ	29	51	EP		0821	2.301	0.38							1.0
KKS	HN	29	51	ES		0821	7.421	0.53							1.0
AL03AHZ		36	197	EP		0821	2.717	-0.15							1.0
AL03AHN		36	197	ES		0821	8.654	0.05							1.0
AL03AHZ		36	197	IAML		0821	2.151			6	0.4				
PHP	HZ	36	134	EP		0821	2.797	-0.18							1.0
PHP	HN	36	134	ES		0821	8.325	-0.46							1.0
PHP	HZ	36	134	ES		0821	8.326	-0.46							1.0
PHP	HZ	36	134	IAML		0821	9.269			10697	0.4				
LACI	HZ	46	228	EP		0821	5.123	0.77							1.0
LACI	HN	46	228	ES		0821	1.732	0.44							1.0
LACI	HZ	46	228	IAML		0821	4.350			1730	0.5				
BCI	HZ	51	355	EP		0821	4.080	-1.19							1.0
BCI	HE	51	355	ES		0821	3.161	0.21							1.0
BCI	HZ	51	355	IAML		0821	4.359			5386	0.4				
SDA	HZ	54	287	EP		0821	5.979	0.24							1.0
SDA	HN	54	287	ES		0821	3.638	-0.15							1.0
SDA	HZ	54	287	IAML		0822	0.127			715	0.5				
PRZK	HZ	62	57	EP		0821	7.282	0.21							1.0
PRZK	HE	62	57	ES		0821	6.459	0.25							1.0
TIR	HZ	66	199	EP		0821	8.054	0.38							1.0
TIR	HN	66	199	ES		0821	7.648	0.35							1.0
TIR	HZ	66	199	IAML		0821	9.918			1698	0.5				
AL01AHZ		68	316	EP		0821	7.834	-0.24							1.0
AL01AHN		68	316	ES		0821	7.175	-0.85							1.0
PVY	HZ	77	350	EP		0821	9.950	0.35							1.0
PVY	HN	77	350	ES		0822	1.098	0.31							1.0



AL08AHZ	89	181	EP	0821	1.137-0.37													1.0
AL08AHN	89	181	ES	0822	3.782-0.45													1.0
GMRK HZ	123	47	EP	0821	8.045	1.01												1.0
GMRK HN	123	47	ES	0822	3.500-0.74													1.0

May 29 2023 Hour: 15:50 25.8 Lat: 41.91N Lon: 20.12E D: 15.3 Ag: TIR Local  
Magnitudes: 1.9ML TIR 2.2MW TIR Rms: 0.2 secs

19 km SE of Fushe-Arrez

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	24	308	EP		1550	1.110	0.20							1.0
PUK	HN	24	308	ES		1550	4.906	-0.15							1.0
PUK	HZ	24	308	IAML		1550	6.498			172	0.2				
KKS	HZ	29	52	EP		1550	2.070	0.45							1.0
KKS	HN	29	52	ES		1550	6.521	0.19							1.0
AL03AHZ	36	196	EP			1550	2.503	-0.11							1.0
AL03AHN	36	196	ES			1550	8.169	0.04							1.0
LACI	HZ	45	228	EP		1550	3.767	-0.39							1.0
LACI	HE	45	228	ES		1550	0.914	-0.02							1.0
LACI	HZ	45	228	IAML		1550	4.784			29	0.1				
BCI	HZ	51	355	EP		1550	5.306	0.20							1.0
BCI	HN	51	355	ES		1550	2.439	-0.20							1.0
BCI	HZ	51	355	IAML		1550	4.580			44	0.3				
SDA	HZ	54	287	EP		1550	5.857	0.28							1.0
SDA	HN	54	287	ES		1550	3.574	0.08							1.0
SDA	HZ	54	287	IAML		1550	6.064			14	0.1				
PRZK	HZ	62	57	EP		1550	7.072	0.11							1.0
PRZK	HN	62	57	ES		1550	5.532	-0.48							1.0
AL01AHZ	68	316	EP			1550	7.578	-0.37							1.0
AL01AHE	68	316	ES			1550	7.875	0.08							1.0
PVY	HZ	77	350	EP		1550	9.422	-0.09							1.0
PVY	HN	77	350	ES		1550	0.466	-0.15							1.0
PDG	HZ	92	309	EP		1550	1.578	-0.26							1.0
PDG	HN	92	309	ES		1550	5.172	0.35							1.0
PDG	HZ	92	309	IAML		1550	7.408			25	0.4				
GMRK	HZ	123	47	EP		1550	7.182	0.12							1.0
NKME	HZ	136	315	EP		1550	9.178	0.01							1.0
NEST	HZ	183	155	EP		1550	6.345	0.15							0.9
NEST	HZ	183	155	IAML		1551	2.540			5	0.3				

May 29 2023 Hour: 17:56 40.7 Lat: 41.93N Lon: 20.13E D: 11.0 Ag: TIR Local  
Magnitudes: 2.1ML TIR Rms: 0.3 secs

17 km SE of Fushe-Arrez

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	24	303	EP		1756	5.649	0.28							1.0
PUK	HE	24	303	ES		1756	8.994	-0.19							1.0
PUK	HZ	24	303	IAML		1756	1.615			216	0.1				
KKS	HZ	28	54	EP		1756	6.289	0.29							1.0
KKS	HE	28	54	ES		1756	0.141	-0.17							1.0
AL03AHZ	38	196	EP			1756	7.668	-0.04							1.0
AL03AHE	38	196	ES			1756	3.529	0.12							1.0
LACI	HZ	47	227	EP		1756	9.612	0.36							1.0
LACI	HE	47	227	ES		1756	6.133	-0.07							1.0
LACI	HZ	47	227	IAML		1757	1.770			44	0.3				
BCI	HZ	49	354	EP		1756	9.735	0.16							1.0
BCI	HE	49	354	ES		1756	6.749	-0.03							1.0
BCI	HZ	49	354	IAML		1757	1.592			82	0.4				
SDA	HZ	54	285	EP		1756	0.411	0.03							1.0
SDA	HE	54	285	ES		1756	8.369	0.12							1.0
SDA	HZ	54	285	IAML		1756	9.954			16	0.1				
PRZK	HZ	61	59	EP		1756	1.614	0.08							1.0
PRZK	HN	61	59	ES		1756	9.851	-0.47							1.0
PVY	HZ	75	349	EP		1756	3.886	-0.13							1.0
PVY	HE	75	349	ES		1757	4.973	0.14							1.0
PDG	HZ	91	308	EP		1756	6.115	-0.42							1.0

PDG	HE	91	308	ES	1757	9.545	0.15								1.0
PDG	HZ	91	308	IAML	1757	3.078		37	0.2						
AL08AHZ		92	182	EP	1756	5.996	-0.65								1.0
GMRK	HZ	121	48	EP	1757	2.331	0.72								1.0
NKME	HZ	135	314	EP	1757	3.443	-0.40								1.0
NKME	HN	135	314	ES	1757	2.521	-0.10								1.0
NEST	HZ	185	155	EP	1757	2.007	0.26								0.9
NEST	HZ	185	155	IAML	1757	0.733		7	0.4						

May 29 2023 Hour: 19:41 35.2 Lat: 40.10N Lon: 19.94E D: 3.4 Ag: TIR Local  
Magnitudes: 2.0ML TIR 2.5MW TIR Rms: 0.4 secs

16 km W of Gjirokaster

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL06AHZ		16	266	EP		1941	8.042	-0.01							1.0
AL06AHN		16	266	ES		1941	0.445	0.05							1.0
TPE	HZ	23	16	EP		1941	9.375	0.12							1.0
TPE	HE	23	16	ES		1941	2.323	-0.26							1.0
TPE	HZ	23	16	IAML		1941	3.394		130	0.2					
SRN	HZ	25	169	EP		1941	9.652	0.03							1.0
SRN	HN	25	169	ES		1941	4.278	1.04							1.0
SRN	HZ	25	169	IAML		1941	6.925		164	0.3					
KEK	HZ	45	196	EP		1941	2.743	-0.40							1.0
KEK	HE	45	196	ES		1941	9.402	-0.20							1.0
KEK	HZ	45	196	IAML		1941	1.591		119	0.5					
VLO	HZ	56	317	EP		1941	5.488	0.30							1.0
VLO	HE	56	317	ES		1941	3.586	0.28							1.0
VLO	HZ	56	317	IAML		1941	6.440		48	0.3					
LSK	HZ	56	84	EP		1941	5.200	-0.02							1.0
LSK	HN	56	84	ES		1941	3.099	-0.28							1.0
LSK	HZ	56	84	IAML		1941	9.564		33	0.5					
BERA	HZ	67	0	EP		1941	7.080	-0.08							1.0
BERA	HN	67	0	ES		1941	6.834	-0.05							1.0
BERA	HZ	67	0	IAML		1942	2.658		41	0.3					
IGT	HZ	71	152	EP		1941	7.450	-0.43							1.0
IGT	HE	71	152	ES		1941	7.519	-0.66							1.0
IGT	HZ	71	152	IAML		1942	2.906		20	0.5					
AL05AHZ		77	29	EP		1941	9.215	0.21							1.0
AL05AHN		77	29	ES		1941	9.797	-0.42							1.0
JAN	HZ	92	122	EP		1941	1.286	-0.29							1.0
JAN	HN	92	122	ES		1942	4.913	0.04							1.0
NEST	HZ	100	69	EP		1941	3.030	-0.08							1.0
NEST	HE	100	69	ES		1942	8.508	0.86							1.0
NEST	HZ	100	69	IAML		1942	1.333		10	0.4					
SCTE	HZ	126	269	EP		1941	7.011	-0.33							1.0
LKD2	HZ	158	157	EP		1942	3.347	0.65							0.9

May 30 2023 Hour: 3:13 1.1 Lat: 40.57N Lon: 21.05E D: 5.9 Ag: TIR Local  
Magnitudes: 1.5ML TIR 2.3MW TIR Rms: 0.5 secs

7 km SE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	17	180	EP		0301	4.287	-0.12							1.0
NEST	HE	17	180	ES		0301	7.940	0.84							1.0
NEST	HZ	17	180	IAML		0301	8.908		398	0.2					
KBN	HZ	23	285	EP		0301	5.119	-0.23							1.0
KBN	HN	23	285	ES		0301	8.833	0.03							1.0
KBN	HZ	23	285	IAML		0301	0.947		95	0.2					
AL05AHZ		58	285	EP		0301	1.299	-0.13							1.0
AL05AHE		58	285	ES		0301	9.547	-0.27							1.0
LSK	HZ	60	219	EP		0301	1.490	-0.44							1.0
LSK	HN	60	219	ES		0301	9.986	-0.74							1.0
LSK	HZ	60	219	IAML		0301	1.546		11	0.2					
KZN	HZ	68	115	EP		0301	3.445	0.19							1.0
KZN	HN	68	115	ES		0301	3.512	0.39							1.0
BERA	HZ	94	279	EP		0301	7.140	-0.68							1.0

BERA	HE	94	279	ES	0302	1.809	0.43											1.0
BERA	HZ	94	279	IAML	0302	5.696				7	0.3							
SRN	HZ	118	230	EP	0301	2.301	0.58											1.0
SRN	HN	118	230	ES	0302	8.751	0.30											1.0
SRN	HZ	118	230	IAML	0302	2.834				3	0.4							
IGT	HZ	130	208	EP	0301	4.495	0.62											1.0
IGT	HN	130	208	ES	0302	2.525	0.18											1.0
IGT	HZ	130	208	IAML	0302	8.201				3	0.4							
THL	HZ	139	143	EP	0301	4.380	-0.86											1.0
THL	HN	139	143	ES	0302	4.118	-0.69											1.0
AL03AHZ		144	323	EP	0301	6.591	0.40											1.0
PUK	HZ	190	330	EP	0302	3.658	0.24											0.9

**May 30 2023 Hour: 18:50 11.6 Lat: 41.92N Lon: 20.09E D: 13.6 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR 2.1MW TIR Rms: 0.7 secs**

**16 km S of Fushe-Arrez**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	21	309	EP		1850	6.417	0.27							1.0
PUK	HN	21	309	ES		1850	0.462	0.66							1.0
PUK	HZ	21	309	IAML		1850	2.139			85	0.1				
KKS	HZ	31	57	EP		1850	7.991	0.41							1.0
KKS	HN	31	57	ES		1850	2.904	0.51							1.0
AL03AHZ		37	191	EP		1850	8.132	-0.39							1.0
AL03AHN		37	191	ES		1850	3.529	-0.56							1.0
LACI	HZ	44	224	EP		1850	0.382	0.59							1.0
LACI	HN	44	224	ES		1850	6.148	-0.25							1.0
LACI	HZ	44	224	IAML		1850	7.714			39	0.1				
BCI	HZ	49	358	EP		1850	0.027	-0.59							1.0
BCI	HN	49	358	ES		1850	8.617	0.74							1.0
BCI	HZ	49	358	IAML		1850	9.886			31	0.5				
SDA	HZ	51	286	EP		1850	0.828	-0.03							1.0
SDA	HN	51	286	ES		1850	8.275	-0.04							1.0
SDA	HZ	51	286	IAML		1850	9.103			11	0.2				
PRZK	HZ	64	60	EP		1850	2.788	-0.26							1.0
AL01AHZ		65	317	EP		1850	2.003	-1.25							1.0
AL01AHN		65	317	ES		1850	2.202	-0.45							1.0
PVY	HZ	75	352	EP		1850	4.783	-0.21							1.0
PVY	HN	75	352	ES		1850	5.957	0.15							1.0
PDG	HZ	89	310	EP		1850	7.630	0.50							1.0
PDG	HN	89	310	ES		1850	9.591	-0.08							1.0
PDG	HZ	89	310	IAML		1850	1.903			13					
GMRK	HZ	124	48	EP		1850	4.193	1.12							1.0
GMRK	HN	124	48	ES		1850	8.578	-1.85							1.0
NEST	HZ	186	154	EP		1850	3.534	0.98							0.9
NEST	HN	186	154	ES		1851	7.733	0.14							0.9

**May 31 2023 Hour: 1:54 57.0 Lat: 39.91N Lon: 20.03E D: 14.9 Ag: TIR Local**  
**Magnitudes: 2.5ML TIR 3.0MW TIR Rms: 0.7 secs**

**0 km S of Finiq**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	4	221	EP		0154	9.501	-0.24							1.0
SRN	HN	4	221	ES		0155	1.378	-0.56							1.0
SRN	HZ	4	221	IAML		0155	1.466			1816	0.2				
KEK	HZ	29	223	EP		0155	2.777	-0.03							1.0
KEK	HE	29	223	ES		0155	7.841	0.35							1.0
KEK	HZ	29	223	IAML		0155	9.081			1602	0.2				
TPE	HZ	43	358	EP		0155	4.017	-1.00							1.0
TPE	HN	43	358	ES		0155	0.102	-1.39							1.0
TPE	HZ	43	358	IAML		0155	6.589			206	0.7				
IGT	HZ	49	148	EP		0155	6.343	0.36							1.0
IGT	HN	49	148	ES		0155	4.072	0.85							1.0
IGT	HZ	49	148	IAML		0155	2.489			134	0.3				
LSK	HZ	56	61	EP		0155	6.413	-0.69							1.0
LSK	HN	56	61	ES		0155	4.452	-0.81							1.0

LSK	HZ	56	61	IAML	0155	5.745		276	0.5					
VLO	HZ	77	324	EP	0155	1.043	0.39							1.0
VLO	HN	77	324	ES	0155	3.389	1.71							1.0
VLO	HZ	77	324	IAML	0155	4.926		140	0.4					
BERA	HZ	89	356	EP	0155	2.256	-0.29							1.0
BERA	HE	89	356	ES	0155	4.915	-0.20							1.0
BERA	HZ	89	356	IAML	0155	9.946		122	0.3					
AL05AHZ	94	19	EP	0155	3.230	-0.21								1.0
AL05AHE	94	19	ES	0155	7.404	0.68								1.0
BPA2	HZ	98	339	EP	0155	3.925	-0.16							1.0
BPA2	HN	98	339	ES	0155	7.697	-0.19							1.0
KBN	HZ	102	39	EP	0155	4.658	-0.22							1.0
KBN	HN	102	39	ES	0155	0.143	0.81							1.0
KBN	HZ	102	39	IAML	0155	6.832		57	0.5					
NEST	HZ	103	57	EP	0155	4.457	-0.62							1.0
NEST	HN	103	57	ES	0155	9.461	-0.23							1.0
NEST	HZ	103	57	IAML	0155	1.916		57	0.5					
AL07AHZ	123	26	EP	0155	8.431	0.08								1.0
AL08AHZ	133	3	EP	0155	0.173	0.20								1.0
AL08AHN	133	3	ES	0155	9.594	1.04								1.0
SCTE	HZ	135	278	EP	0155	0.768	0.54							1.0
KZN	HZ	155	73	EP	0155	4.422	0.84							1.0
KZN	HE	155	73	ES	0155	6.179	1.09							1.0
TIR	HZ	161	355	EP	0155	5.291	0.86							0.9
TIR	HN	161	355	ES	0155	7.829	1.21							0.9
TIR	HZ	161	355	IAML	0155	5.989		19	0.7					
THL	HZ	174	102	EP	0155	7.265	1.06							0.9
THL	HE	174	102	ES	0155	9.595	-0.23							0.9
AL02AHZ	175	342	EP	0155	7.199	0.88								0.9
AL02AHN	175	342	ES	0155	0.157	0.13								0.9
AL03AHZ	188	359	EP	0155	7.685	-0.35								0.9
AL03AHE	188	359	ES	0155	3.139	-0.00								0.9
LACI	HZ	194	352	EP	0155	8.852	0.13							0.9
LACI	HN	194	352	ES	0155	3.219	-1.17							0.9
LACI	HZ	194	352	IAML	0156	0.102		16	1.0					
VLS	HZ	198	166	EP	0155	9.025	-0.26							0.9
VLS	HN	198	166	ES	0155	5.038	-0.36							0.9
PUK	HZ	238	357	EP	0155	4.046	-0.37							0.9
PUK	HZ	238	357	IAML	0156	9.906		10	0.4					
SDA	HZ	242	350	EP	0155	4.158	-0.75							0.9
SDA	HZ	242	350	IAML	0156	6.538		2	0.9					
PRZK	HZ	263	13	EP	0155	7.664	-0.01							0.9
NOCI	HZ	270	292	EP	0155	7.151	-1.42							0.9
BCI	HZ	273	1	EP	0155	8.519	-0.43							0.8
BCI	HZ	273	1	IAML	0156	6.659		11	0.7					
AL01AHZ	274	352	EP	0155	8.258	-0.86								0.8
PDG	HZ	288	347	EP	0155	0.113	-0.61							0.8
PLG	HZ	295	79	EP	0155	1.064	-0.74							0.8
PVY	HZ	299	359	EP	0155	2.540	0.24							0.8

May 31 2023 Hour: 5:11 54.1 Lat: 41.92N Lon: 20.11E D: 19.5 Ag: TIR Local  
Magnitudes: 1.9ML TIR 2.3MW TIR Rms: 0.6 secs  
17 km S of Fushe-Arrez

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	23	306	EP		0511	9.375	-0.02							1.0
PUK	HN	23	306	ES		0512	3.458	-0.23							1.0
PUK	HZ	23	306	IAML		0512	3.776			142	0.2				
KKS	HZ	29	55	EP		0512	0.953	0.77							1.0
KKS	HN	29	55	ES		0512	4.250	-0.88							1.0
AL03AHZ	37	195	EP			0512	1.408	0.07							1.0
AL03AHN	37	195	ES			0512	7.358	0.14							1.0
AL03AHZ	37	195	IAML			0512	7.662			0.10	0.4				
LACI	HZ	46	226	EP		0512	3.373	0.67							1.0
LACI	HN	46	226	ES		0512	9.336	-0.35							1.0

LACI HZ	46	226	IAML	0512	1.123			35	0.1				
BCI HZ	50	355	EP	0512	3.877	0.56							1.0
BCI HE	50	355	ES	0512	0.848	0.06							1.0
BCI HZ	50	355	IAML	0512	5.314			39	0.3				
SDA HZ	53	286	EP	0512	3.820	-0.01							1.0
SDA HN	53	286	ES	0512	1.706	-0.01							1.0
SDA HZ	53	286	IAML	0512	2.483			16	0.1				
PRZK HZ	62	59	EP	0512	5.726	0.37							1.0
PRZK HN	62	59	ES	0512	4.470	-0.02							1.0
PVY HZ	76	350	EP	0512	7.788	0.15							1.0
PVY HE	76	350	ES	0512	8.735	0.13							1.0
AL02AHZ	83	227	EP	0512	9.359	0.66							1.0
AL02AHN	83	227	ES	0512	1.301	0.77							1.0
PDG HZ	90	309	EP	0512	9.216	-0.73							1.0
PDG HE	90	309	ES	0512	2.723	-0.07							1.0
PDG HZ	90	309	IAML	0512	5.038			24	0.2				
AL08AHZ	91	181	EP	0512	9.615	-0.43							1.0
AL08AHN	91	181	ES	0512	1.895	-1.07							1.0
GMRK HZ	122	48	EP	0512	6.397	1.12							1.0
GMRK HE	122	48	ES	0512	1.957	-0.49							1.0
NKME HZ	134	315	EP	0512	6.007	-1.08							1.0
NKME HN	134	315	ES	0512	5.577	-0.13							1.0

May 31 2023 Hour: 8:14 45.0 Lat: 41.26N Lon: 20.89E D: 12.1 Ag: TIR Local  
Magnitudes: 3.0ML TIR 3.4MW TIR Rms: 0.5 secs

35 km NE of Pprenjas

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL07AHZ		44	204	EP		0814	3.478	0.40							1.0
AL07AHE		44	204	ES		0814	8.988	-0.65							1.0
AL08AHZ		68	256	EP		0814	7.272	0.16							1.0
AL08AHE		68	256	ES		0815	6.080	-0.86							1.0
KBN HZ		71	187	EP		0814	7.785	0.14							1.0
KBN HN		71	187	ES		0815	8.280	0.38							1.0
KBN HZ		71	187	IAML		0815	0.643		268	0.5					
AL05AHZ		75	214	EP		0814	8.418	0.24							1.0
AL05AHN		75	214	ES		0815	8.867	-0.01							1.0
AL05AHZ		75	214	IAML		0815	0.574		0.30						
AL03AHZ		83	297	EP		0814	9.389	-0.20							1.0
AL03AHN		83	297	ES		0815	1.128	-0.29							1.0
TIR HZ		87	277	EP		0814	9.876	-0.24							1.0
TIR HN		87	277	ES		0815	1.965	-0.41							1.0
TIR HZ		87	277	IAML		0815	3.493		185	0.1					
NEST HZ		95	172	EP		0815	1.731	0.14							1.0
NEST HE		95	172	ES		0815	5.101	0.06							1.0
NEST HZ		95	172	IAML		0815	9.708		438	0.9					
BERA HZ		101	232	EP		0815	2.844	0.37							1.0
BERA HN		101	232	ES		0815	6.290	-0.36							1.0
BERA HZ		101	232	IAML		0815	8.693		180	0.7					
PRZK HZ		106	354	EP		0815	3.760	0.36							1.0
PRZK HN		106	354	ES		0815	8.165	-0.15							1.0
LACI HZ		107	293	EP		0815	3.438	-0.01							1.0
LACI HE		107	293	ES		0815	8.105	-0.30							1.0
LACI HZ		107	293	IAML		0815	9.867		153	0.2					
AL04AHZ		115	256	EP		0815	5.484	0.59							1.0
AL04AHE		115	256	ES		0815	1.342	0.32							1.0
PUK HZ		120	317	EP		0815	4.907	-0.87							1.0
PUK HN		120	317	ES		0815	2.376	-0.25							1.0
PUK HZ		120	317	IAML		0815	9.633		173	0.4					
LSK HN		126	191	ES		0815	3.931	-0.43							1.0
AL02AHZ		126	278	EP		0815	7.295	0.57							1.0
AL02AHN		126	278	ES		0815	4.736	0.40							1.0
LSK HZ		126	191	EP		0815	7.328	0.59							1.0
LSK HZ		126	191	IAML		0815	9.888		301	0.7					
KZN HZ		129	145	EP		0815	7.667	0.35							1.0

KZN	HN	129	145	ES	0815	5.029-0.39													1.0
TPE	HZ	130	215	EP	0815	7.422-0.01													1.0
TPE	HE	130	215	ES	0815	5.505-0.12													1.0
TPE	HZ	130	215	IAML	0815	3.322				157	0.2								
BCI	HZ	141	331	EP	0815	9.432 0.29													1.0
BCI	HN	141	331	ES	0815	8.373-0.34													1.0
BCI	HZ	141	331	IAML	0815	0.461				319	0.7								
SDA	HZ	145	308	EP	0815	9.752-0.15													1.0
SDA	HE	145	308	ES	0815	0.136 0.06													1.0
SDA	HZ	145	308	IAML	0815	3.216				60	0.5								
GMRK	HZ	158	10	EP	0815	2.868 0.86													0.9
GMRK	HN	158	10	ES	0815	3.207-0.70													0.9
AL01AHZ		164	318	EP	0815	2.794-0.34													0.9
AL01AHE		164	318	ES	0815	5.940 0.01													0.9
SRN	HZ	171	206	EP	0815	4.281 0.27													0.9
SRN	HE	171	206	ES	0815	7.096-0.43													0.9
SRN	HZ	171	206	IAML	0815	8.091				61	0.5								
PDG	HZ	188	314	EP	0815	5.892-0.24													0.9
PDG	HZ	188	314	IAML	0815	6.087				148	0.9								
THE	HZ	188	111	EP	0815	5.665-0.54													0.9
THE	HZ	188	111	IAML	0815	9.608				34	0.6								
PDG	HN	188	314	ES	0815	2.000 0.63													0.9
THE	HE	188	111	ES	0815	9.615-1.89													0.9
BARS	BZ	189	24	EP	0815	7.082 0.73													0.9
BARS	BE	189	24	ES	0815	2.218 0.46													0.9
BARS	BZ	189	24	IAML	0815	0.595				43	0.9								
BOSS	SZ	189	43	EP	0815	6.636 0.19													0.9
BOSS	SN	189	43	ES	0815	1.654-0.29													0.9
ME01AHN		195	335	ES	0815	3.523 0.29													0.9
KEK	HZ	195	209	EP	0815	7.463 0.30													0.9
KEK	HE	195	209	ES	0815	3.521 0.28													0.9
KEK	HZ	195	209	IAML	0815	2.570				84	0.7								
IGT	HZ	198	194	EP	*0815	9.035 1.55													0.0
IGT	HE	198	194	ES	0815	5.175-0.19													0.9
IGT	HZ	198	194	IAML	0815	3.894				80	0.8								
THL	HZ	211	153	EP	0815	9.638 0.47													0.9
NKME	HZ	232	317	EP	0815	3.877 1.98													0.2
NKME	HN	232	317	ES	0815	1.484-0.31													0.9
PLG	HZ	237	114	EP	0815	2.852 0.32													0.9
ME05AHZ		238	305	EP	0815	4.456 1.79													0.4
SCTE	HZ	244	238	EP	0815	3.825 0.46													0.9
NOCI	HZ	326	262	EP	0815	3.145-0.80													0.4
SGRT	HZ	433	279	EP	0815	5.697-2.05													0.2

May 31 2023 Hour: 8:44 6.4 Lat: 41.26N Lon: 20.80E D: 13.5 Ag: TIR Local  
Magnitudes: 1.9ML TIR 2.0MW TIR Rms: 0.7 secs

29 km NE of Pprenjas

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	70	181	EP		0844	0.120	1.19							1.0
KBN	HN	70	181	ES		0844	9.807	0.76							1.0
KBN	HZ	70	181	IAML		0844	1.774			23	0.5				
AL05AHZ		70	210	EP		0844	8.956	0.04							1.0
AL05AHE		70	210	ES		0844	9.564	0.53							1.0
AL03AHZ		77	300	EP		0844	0.962	0.95							1.0
AL03AHN		77	300	ES		0844	0.907-0.11								1.0
NEST	HZ	96	167	EP		0844	3.339	0.16							1.0
NEST	HE	96	167	ES		0844	5.617-1.13								1.0
NEST	HZ	96	167	IAML		0844	0.543			27	0.2				
LACI	HZ	100	295	EP		0844	5.167	1.34							1.0
LACI	HE	100	295	ES		0844	7.066-0.85								1.0
LACI	HZ	100	295	IAML		0844	2.215			10	0.2				
PRZK	HZ	106	358	EP		0844	5.561	0.70							1.0
PRZK	HN	106	358	ES		0844	9.718-0.06								1.0
PUK	HZ	116	319	EP		0844	5.521-0.96								1.0

PUK	HN	116	319	ES	0844	2.179	-0.54									1.0
PUK	HZ	116	319	IAML	0844	0.346		7	0.4							
LSK	HZ	124	188	EP	0844	7.507	-0.39									1.0
LSK	HE	124	188	ES	0844	4.637	-0.65									1.0
LSK	HZ	124	188	IAML	0844	8.361		10	0.7							
KZN	HZ	133	142	EP	0844	9.741	0.30									1.0
KZN	HN	133	142	ES	0844	7.318	-0.75									1.0
BCI	HZ	138	334	EP	0844	0.457	0.35									1.0
BCI	HE	138	334	ES	0844	9.455	0.17									1.0
BCI	HZ	138	334	IAML	0844	1.467		17	0.7							
SDA	HZ	140	309	EP	0844	9.044	-1.41									1.0
SDA	HN	140	309	ES	0844	9.701	-0.20									1.0
SDA	HZ	140	309	IAML	0844	4.713		4	0.2							
AL01AHZ	160	320	EP	0844	4.000	0.16										0.9
AL01AHE	160	320	ES	0844	6.323	0.28										0.9
AL01AHZ	160	320	IAML	0844	8.628											

**May 31 2023 Hour: 9:21 23.5 Lat: 41.24N Lon: 20.78E D: 8.3 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR 2.0MW TIR Rms: 0.7 secs**  
**27 km NE of Pprenjas**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL05AHZ		68	209	EP		0921	4.954	-0.76							1.0
AL05AHE		68	209	ES		0921	6.155	0.55							1.0
AL03AHZ		77	302	EP		0921	8.713	1.54							1.0
AL03AHN		77	302	ES		0921	7.855	-0.38							1.0
NEST HZ		94	166	EP		0921	0.168	0.01							1.0
NEST HE		94	166	ES		0921	2.784	-0.86							1.0
NEST HZ		94	166	IAML		0921	7.395		28	0.2					
LACI HZ		99	297	EP		0921	9.993	-0.96							1.0
LACI HE		99	297	ES		0921	4.480	-0.60							1.0
LACI HZ		99	297	IAML		0921	8.861		10	0.2					
PRZK HZ	108	359	EP			0921	2.440	0.01							1.0
PRZK HN	108	359	ES			0921	6.809	-0.94							1.0
PUK HZ	116	321	EP			0921	3.127	-0.66							1.0
PUK HN	116	321	ES			0921	9.427	-0.78							1.0
PUK HZ	116	321	IAML			0922	5.826		8	0.2					
LSK HZ	122	187	EP			0921	4.976	0.21							1.0
LSK HN	122	187	ES			0922	1.905	-0.08							1.0
LSK HZ	122	187	IAML			0922	1.135		9	0.7					
KZN HZ	133	141	EP			0921	7.155	0.55							1.0
KZN HN	133	141	ES			0922	5.191	-0.12							1.0
BCI HZ	139	335	EP			0921	8.494	0.97							1.0
BCI HN	139	335	ES			0922	6.902	-0.08							1.0
BCI HZ	139	335	IAML			0922	8.338		15	0.7					
SDA HZ	140	311	EP			0921	7.955	0.27							1.0
SDA HE	140	311	ES			0922	7.444	0.18							1.0
SDA HZ	140	311	IAML			0922	2.699		3	0.3					
AL01AHZ	160	321	EP			0921	1.805	0.65							0.9
AL01AHE	160	321	ES			0922	4.275	0.73							0.9
GMRK HZ	162	13	EP			0921	1.489	0.06							0.9
PVY HZ	165	336	EP			0921	2.071	0.04							0.9
PVY HN	165	336	ES			0922	4.294	-0.84							0.9
PDG HZ	183	317	EP			0921	3.728	-0.81							0.9
PDG HN	183	317	ES			0922	0.662	1.00							0.9
PDG HZ	183	317	IAML			0922	1.729		9	0.4					
IGT HZ	193	192	EP			0921	6.216	0.32							0.9
BOSS SZ	197	44	EP			0921	7.177	0.70							0.9
THL HZ	213	150	EP			0921	7.856	-0.57							0.9
NKME HZ	228	319	EP			0922	1.433	1.10							0.9

May 31 2023 Hour: 19:52 56.2 Lat: 39.12N Lon: 20.86E D: 11.1 Ag: TIR Local  
 Magnitudes: 2.1ML TIR Rms: 0.2 secs  
 83 km SE of Konispol  
 Earthquake was felt

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JAN	HZ	60	359	EP		1953	7.049	0.17							1.0
JAN	HE	60	359	ES		1953	5.544	0.01							1.0
IGT	HZ	64	316	EP		1953	7.476	-0.19							1.0
IGT	HE	64	316	ES		1953	6.949	-0.00							1.0
IGT	HZ	64	316	IAML		1953	2.770			36	0.2				
VLS	HZ	107	193	EP		1953	4.793	0.01							1.0
THL	HZ	111	63	EP		1953	5.835	0.37							1.0
THL	HN	111	63	ES		1953	0.577	-0.49							1.0
SRN	HZ	112	319	EP		1953	5.329	-0.26							1.0
SRN	HE	112	319	ES		1953	1.278	-0.01							1.0
SRN	HZ	112	319	IAML		1953	8.243			9	0.3				
KEK	HZ	113	306	EP		1953	5.822	0.15							1.0
KEK	HE	113	306	ES		1953	1.208	-0.23							1.0
KEK	HZ	113	306	IAML		1953	6.981			32	0.4				
LSK	HZ	117	349	EP		1953	6.254	-0.14							1.0
LSK	HE	117	349	ES		1953	3.127	0.38							1.0
LSK	HZ	117	349	IAML		1953	2.230			21	0.7				
AL06AHZ		143	319	EP		1953	1.140	0.36							1.0
AL06AHE		143	319	ES		1953	0.408	-0.28							1.0
TPE	HZ	149	331	EP		1953	1.919	0.14							1.0