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# Seismological Bulletin

of the

## Institute of GeoSciences(IGEO)

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

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

## GENERAL BULLETIN INFORMATION

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

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

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

Magnitudes are calculated from amplitudes.

Instrument corrected maximum ground amplitudes A(nm) are used to assess the local magnitude M<sub>l</sub>, based on the Richter formula (Hutton & Boore, 1987), corrected referred to EMSC:

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

where, D is the hypocentral distance (km).

Representative ML value is the arithmetic mean of the resulted magnitude values for each station. No station corrections are used for either travel times or magnitude. The V<sub>p</sub>/V<sub>s</sub> 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.

The bulletin working group is composed of supervising staff:  
Msc. Olgert Gjuzi (Head of the Group), Prof. Asoc. Edmond Dushi (researcher),  
MSc. Dionald Mucaj and Ing. Ardian Minarolli.  
Link to the web bulletin working group  
[https://www.geo.edu.al/Services/Department\\_of\\_Seismology/Monthly\\_Seismological\\_Bulletin/](https://www.geo.edu.al/Services/Department_of_Seismology/Monthly_Seismological_Bulletin/)

## 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	40.7081N	19.9455E	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
BELS	40.9709N	19.9128E	243	Belsh, Elbasan
BURR	41.6015N	20.0048E	362	Burrel
DRSH	41.2813N	19.5215E	123	Shkembi i Kavajes, Durres
FUST	41.3251N	20.3969E	1161	Fushe Studen, Librazhd
MOGL	40.7054N	20.3916E	497	Moglice, Maliq
PLSA	40.1659N	19.6240E	386	Palase, Vlore
POGR2	40.9376N	20.6340E	747	Memelisht, Pogradec
PRMT	40.2287N	20.3515E	294	Permet
RZM	42.3461N	19.5487E	1177	Razem, Shkoder
VLO2	40.4678N	19.5876E	183	Peshkepi - Vlore
POGR	40.8996N	20.6790E	710	Pogradec
KKS	42.0730N	20.4017E	399	Kukes

## 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\*(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:

- Ottemoller, 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>.

**March 1 2025 Hour: 22:59 55.4 Lat: 41.21N Lon: 20.34E D: 7.6 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR 2.7MW TIR Rms: 0.5 secs**  
**3 km N of Librazhd**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FUST	EZ	14	20	EP	C	2259	59.14	0.84							1.0
FUST	EN	14	20	ES		2300	01.44	0.80							1.0
FUST	EZ	14	20	IAML		2300	02.77			143	0.5				
AL08AHZ		23	240	EP		2259	59.56	-0.23							1.0
AL08AHN		23	240	ES		2300	03.40	0.07							1.0
AL08AHZ		23	240	IAML		2300	05.25			187	0.7				
TIR	HZ	43	291	EP		2300	02.84	-0.33							1.0
TIR	HN	43	291	ES		2300	09.72	0.26							1.0
TIR	HZ	43	291	IAML		2300	12.67			100	0.6				
AL07AHZ		45	140	EP		2300	03.35	-0.17							1.0
AL07AHN		45	140	ES		2300	09.98	-0.10							1.0
AL07AHZ		45	140	IAML		2300	12.44			150	0.5				
BELS	EZ	45	234	EP		2300	03.44	-0.09							1.0
BELS	EE	45	234	ES		2300	10.22	0.12							1.0
AL03AHZ		52	327	EP		2300	04.80	0.02							1.0
AL03AHZ		52	327	IAML		2300	14.13			210	0.2				
BURR	EN	52	327	ES		2300	12.34	-0.01							1.0
BURR	EZ	52	327	IAML		2300	13.67			167	0.4				
AL03AHN		52	327	ES		2300	12.46	0.09							1.0
BURR	EZ	52	327	EP		2300	04.86	0.09							1.0
PHP	HZ	53	9	EP		2300	04.98	-0.07							1.0
PHP	HN	53	9	ES		2300	12.58	-0.28							1.0
PHP	HZ	53	9	IAML		2300	20.24			41	0.4				
MOGL	EZ	56	176	EP		2300	04.98	-0.57							1.0
MOGL	EE	56	176	ES		2300	13.64	-0.12							1.0
MOGL	EZ	56	176	IAML		2300	17.17			69	0.7				
AL05AHZ		56	176	EP		2300	05.08	-0.47							1.0
AL05AHZ		56	176	IAML		2300	16.99			122	0.4				
BERA	HZ	65	211	EP		2300	06.87	-0.22							1.0
BERA	HN	65	211	ES		2300	16.44	-0.12							1.0
BERA	HZ	65	211	IAML		2300	21.51			33	0.2				
DRSH	EZ	69	277	EP		2300	08.72	0.87							1.0
DRSH	EZ	69	277	IAML		2300	29.11			34	0.6				
AL04AHZ		69	251	EP		2300	08.50	0.64							1.0
LACI	HZ	71	312	EP		2300	07.33	-0.74							1.0
LACI	HN	71	312	ES		2300	18.02	-0.30							1.0
LACI	HZ	71	312	IAML		2300	19.27			70	0.5				
KBN	HZ	75	150	EP		2300	08.85	-0.06							1.0
KBN	HN	75	150	ES		2300	19.81	-0.04							1.0
KBN	HZ	75	150	IAML		2300	22.92			24	0.6				
PUK	HZ	100	338	EP		2300	12.78	-0.24							1.0
PUK	HN	100	338	ES		2300	27.48	0.20							1.0
PUK	HZ	100	338	IAML		2300	30.26			32	0.4				
VLO2	EZ	104	218	EP		2300	13.88	0.18							1.0
TPE	HZ	105	195	EP		2300	14.14	0.24							1.0
NEST	HZ	107	146	EP		2300	13.81	-0.36							1.0
NEST	HN	107	146	ES		2300	29.42	0.06							1.0
NEST	HZ	107	146	IAML		2300	33.46			26	0.4				
PRMT	EZ	109	180	EP		2300	13.88	-0.64							1.0
PRMT	EZ	109	180	IAML		2300	32.19			11	0.5				
SDA	HZ	117	323	EP		2300	15.17	-0.62							1.0
SDA	HN	117	323	ES		2300	32.62	0.32							1.0
SDA	HZ	117	323	IAML		2300	37.59			19	1.0				
LSK	HZ	120	169	EP		2300	15.76	-0.59							1.0
LSK	HN	120	169	ES		2300	33.50	0.19							1.0
LSK	HZ	120	169	IAML		2300	45.42			32	0.5				
BCI	HZ	130	350	EP		2300	18.46	0.35							1.0
BCI	HZ	130	350	IAML		2300	38.35			23	0.9				
PENT	HZ	131	149	EP		2300	18.29	0.02							1.0

AL06AHZ	134	202	EP	2300	19.32	0.65									1.0
AL06AHN	134	202	ES	2300	38.17	0.66									1.0
AL06AHZ	134	202	IAML	2300	44.11		13	1.4							1.0
RZM EZ	142	333	EP	2300	19.25	-0.89									1.0
RZM EZ	142	333	IAML	2300	44.88		15	0.5							1.0
SRN HZ	150	191	EP	2300	21.99	0.57									1.0
SRN HZ	150	191	IAML	2300	48.11		13	1.2							1.0
PVY HZ	157	348	EP	2300	21.62	-0.97									1.0
PVY HN	157	348	ES	2300	44.03	-0.58									1.0
PVY HZ	157	348	IAML	2300	52.76		29	0.5							0.9
PDG HZ	163	327	EP	2300	22.77	-0.66									0.9
PDG HN	163	327	ES	2300	46.06	-0.06									0.9
PDG HZ	163	327	IAML	2300	48.58		25	0.3							0.9
KEK HZ	172	196	EP	2300	24.94	-0.16									0.9
KEK HZ	172	196	IAML	2301	02.36		18	1.7							0.9
GMRK HZ	177	24	EP	2300	26.54	0.70									0.9
ME01AHZ	186	348	EP	2300	27.28	0.31									0.9
NKME HZ	208	327	EP	2300	29.41	-0.37									0.9
BARS BZ	216	34	EP	2300	31.63	0.80									0.9
SJES BZ	230	353	EP	2300	33.08	0.39									0.9
THL HZ	231	142	EP	2300	33.01	0.27									0.9
ME02AHZ	238	335	EP	2300	34.49	0.66									0.9
ME02AHZ	238	335	IAML	2301	11.27		15	2.4							

**March 2 2025 Hour: 5:28 19.5 Lat: 41.23N Lon: 20.08E D: 3.0 Ag: TIR Local  
Magnitudes: 2.2ML TIR 2.7MW TIR  
12 km N of Elbasan**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL08AHZ	14	170	EP		C	0528	22.30	0.28							1.0
AL08AHN	14	170	ES			0528	24.41	0.36							1.0
AL08AHZ	14	170	IAML			0528	25.52			387	0.2				
TIR HZ	22	308	EP		D	0528	23.82	0.32							1.0
TIR HN	22	308	ES			0528	27.27	0.54							1.0
TIR HZ	22	308	IAML			0528	31.35			136	0.2				
BELS EZ	32	206	EP		D	0528	24.56	-0.60							1.0
BELS EN	32	206	ES			0528	29.38	-0.35							1.0
BELS EZ	32	206	IAML			0528	30.13			167	0.4				
BURR EZ	42	352	EP		D	0528	27.11	0.07							1.0
BURR EN	42	352	ES			0528	33.42	0.28							1.0
BURR EZ	42	352	IAML			0528	35.60			71	0.4				
AL03AHZ	42	352	EP		D	0528	27.10	0.06							1.0
AL03AHN	42	352	ES			0528	33.26	0.11							1.0
AL03AHZ	42	352	IAML			0528	35.55			131	0.4				
DRSH EZ	47	278	EP			0528	28.56	0.69							1.0
DRSH EZ	47	278	IAML			0528	48.88			86	0.3				
AL04AHZ	50	241	EP		D	0528	28.97	0.61							1.0
AL04AHN	50	241	ES			0528	35.93	0.40							1.0
AL04AHZ	50	241	IAML			0528	40.55			135	0.3				
LACI HZ	54	327	EP		C	0528	28.50	-0.74							1.0
LACI HN	54	327	ES			0528	37.24	0.11							1.0
LACI HZ	54	327	IAML			0528	37.71			88	0.3				
BERA HZ	59	191	EP		C	0528	28.70	-1.28							1.0
BERA HN	59	191	ES			0528	38.29	-0.18							1.0
BERA HZ	59	191	IAML			0528	38.86			78	0.2				
PHP HZ	59	31	EP		D	0528	29.70	-0.43							1.0
PHP HN	59	31	ES			0528	39.05	0.31							1.0
PHP HZ	59	31	IAML			0528	51.45			49	0.6				
AL05AHN	64	155	ES			0528	40.51	0.37							1.0
MOGL EZ	64	155	IAML			0528	42.75			36	0.2				
AL05AHZ	64	155	IAML			0528	42.19			59	0.4				
MOGL EZ	64	155	EP			0528	30.79	-0.11							1.0
MOGL EN	64	155	ES			0528	40.16	0.03							1.0
AL05AHZ	64	155	EP			0528	30.72	-0.18							1.0
BPA2 HZ	67	215	EP			0528	31.39	-0.12							1.0

KBN	HZ	90	138	EP		0528	36.15	0.57							1.0
KBN	HN	90	138	ES		0528	48.92	0.33							1.0
KBN	HZ	90	138	IAML		0528	49.65			19	0.4				
PUK	HZ	92	351	EP	D	0528	35.05	-0.88							1.0
PUK	HN	92	351	ES		0528	49.21	-0.03							1.0
PUK	HZ	92	351	IAML		0528	52.38			19	0.2				
VLO2	EZ	94	206	EP		0528	36.24	-0.01							1.0
VLO2	EZ	94	206	IAML		0528	58.35			27	0.1				
VLO	HZ	97	210	EP		0528	36.54	-0.35							1.0
VLO	HN	97	210	ES		0528	51.25	0.28							1.0
VLO	HZ	97	210	IAML		0528	56.45			59	0.2				
SDA	HZ	103	333	EP		0528	37.36	-0.57							1.0
SDA	HN	103	333	ES		0528	52.85	-0.01							1.0
SDA	HZ	103	333	IAML		0528	57.41			16	0.6				
TPE	HZ	104	183	EP		0528	37.61	-0.39							1.0
TPE	HN	104	183	ES		0528	53.08	0.09							1.0
TPE	HZ	104	183	IAML		0528	55.26			38	0.8				
NEST	HZ	122	137	EP		0528	40.60	-0.52							1.0
NEST	HN	122	137	ES		0528	58.89	0.26							1.0
NEST	HZ	122	137	IAML		0529	02.81			15	0.4				
LSK	HN	127	159	ES		0529	00.73	0.45							1.0
BCI	HZ	127	360	EP		0528	42.20	0.34							1.0
BCI	HN	127	360	ES		0529	00.47	0.50							1.0
BCI	HZ	127	360	IAML		0529	05.62			31	0.2				
LSK	HZ	127	159	EP		0528	41.95	-0.08							1.0
LSK	HZ	127	159	IAML		0529	08.27			19	0.5				
AL06AHZ	129	192	EP			0528	42.29	0.03							1.0
AL06AHZ	129	192	IAML			0529	06.98			21	0.4				
AL01AHN	132	341	ES			0529	02.33	0.71							1.0
RZM	EN	132	341	ES		0529	01.63	0.01							1.0
RZM	EZ	132	341	IAML		0529	05.83			14					
AL01AHZ	132	341	EP			0528	41.18	-1.59							1.0
AL01AHZ	132	341	IAML			0529	05.79			31	0.2				
SRN	HZ	150	182	EP		0528	46.00	0.34							1.0
SRN	HZ	150	182	IAML		0529	09.31			14	0.7				

**March 2 2025 Hour: 5:34 54.6 Lat: 41.24N Lon: 20.11E D: 13.7 Ag: TIR Local Magnitudes: 3.0ML TIR 3.3MW TIR Rms: 0.4 secs**  
**14 km N of Elbasan**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL08AHZ		15	184	EP	C	0534	57.95	-0.25							1.0
AL08AHN		15	184	ES		0535	00.92	-0.18							1.0
AL08AHZ		15	184	IAML		0535	01.14			2021	0.1				
TIR	HZ	24	301	EP	D	0534	59.38	-0.15							1.0
TIR	HN	24	301	ES		0535	03.62	0.12							1.0
TIR	HE	24	301	IS		0535	03.80	0.30							1.0
TIR	HZ	24	301	IAML		0535	05.18			857	0.2				
BELS	EZ	34	210	EP	D	0535	00.17	-0.93							1.0
BELS	EZ	34	210	IAML		0535	05.74			1359	0.2				
BURR	EZ	41	347	IAML		0535	09.97			421	0.1				
AL03AHN		41	347	ES		0535	08.48	-0.05							1.0
BURR	EZ	41	347	EP	D	0535	02.66	0.36							1.0
BURR	EN	41	347	ES		0535	08.56	0.04							1.0
AL03AHZ		41	347	EP	D	0535	02.60	0.29							1.0
AL03AHZ		41	347	IAML		0535	11.04			920	0.5				
DRSH	EZ	50	276	EP		0535	04.13	0.46							1.0
DRSH	EN	50	276	ES		0535	11.55	0.54							1.0
DRSH	EZ	50	276	IAML		0535	24.35			612	0.5				
AL04AHZ		53	241	EP	D	0535	04.51	0.32							1.0
AL04AHN		53	241	ES		0535	12.36	0.43							1.0
AL04AHZ		53	241	IAML		0535	17.11			988	0.3				
LACI	HZ	55	323	EP		0535	03.95	-0.62							1.0
LACI	HN	55	323	ES		0535	12.85	0.22							1.0
LACI	HZ	55	323	IAML		0535	15.28			367	0.6				

DURR	HZ	56	280	EP	0535	05.00	0.36			1.0
DURR	HZ	56	280	IAML	0535	22.52		251	0.4	
PHP	HZ	57	29	EP	D	0535	05.12	0.28		1.0
PHP	HN	57	29	ES		0535	13.49	0.37		1.0
PHP	HZ	57	29	IAML		0535	19.75		200	0.2
BERA	HZ	60	194	EP	D	0535	04.22	-1.22		1.0
BERA	HN	60	194	ES		0535	13.91	-0.29		1.0
BERA	HZ	60	194	IAML		0535	15.98		388	0.1
MOGL	EZ	64	158	EP		0535	06.23	0.26		1.0
MOGL	EN	64	158	ES		0535	15.49	0.33		1.0
MOGL	EZ	64	158	IAML		0535	18.31		284	0.5
AL05AHZ	HZ	64	158	EP		0535	06.02	0.05		1.0
AL05AHN	HZ	64	158	ES		0535	15.65	0.48		1.0
AL05AHZ	HZ	64	158	IAML		0535	18.37		549	0.3
KBN	HZ	89	140	EP		0535	10.76	0.59		1.0
KBN	HN	89	140	ES		0535	22.75	-0.02		1.0
KBN	HZ	89	140	IAML		0535	25.33		127	0.4
PUK	HZ	91	348	EP		0535	10.65	0.04		1.0
PUK	HN	91	348	ES		0535	23.54	-0.02		1.0
PUK	HZ	91	348	IAML		0535	27.93		141	0.3
VLO2	EZ	96	208	EP		0535	10.76	-0.64		1.0
VLO2	EN	96	208	ES		0535	25.23	0.24		1.0
VLO2	EZ	96	208	IAML		0535	33.54		218	0.8
VLO	HZ	100	212	EP		0535	11.65	-0.36		1.0
VLO	HN	100	212	ES		0535	26.13	0.03		1.0
VLO	HZ	100	212	IAML		0535	32.13		422	0.3
SDA	HZ	104	331	EP		0535	12.36	-0.26		1.0
SDA	HE	104	331	ES		0535	27.30	0.10		1.0
SDA	HZ	104	331	IAML		0535	33.28		124	0.4
TPE	HZ	105	185	EP		0535	12.07	-0.79		1.0
TPE	HE	105	185	ES		0535	27.90	0.28		1.0
TPE	HZ	105	185	IAML		0535	30.95		185	0.3
BCI	HZ	125	358	EP		0535	15.88	-0.40		1.0
BCI	HN	125	358	ES		0535	33.62	-0.20		1.0
BCI	HZ	125	358	IAML		0535	41.15		192	0.3
PLSA	EZ	126	199	EP		0535	16.30	-0.06		1.0
PLSA	EN	126	199	ES		0535	34.17	0.21		1.0
PLSA	EZ	126	199	IAML		0535	40.10		51	0.2
LSK	HZ	128	161	EP		0535	16.52	-0.13		1.0
LSK	HE	128	161	ES		0535	34.75	0.25		1.0
LSK	HZ	128	161	IAML		0535	42.08		138	0.6
AL06AHN	HZ	131	193	ES		0535	35.80	0.34		1.0
AL06AHZ	HZ	131	193	IAML		0535	42.21		163	0.8
AL01AHZ	HZ	132	339	EP	C	0535	16.64	-0.74		1.0
AL01AHN	HZ	132	339	ES		0535	35.96	0.15		1.0
RZM	EN	132	339	ES		0535	35.74	-0.07		1.0
RZM	EZ	132	339	IAML		0535	41.17		115	0.4
AL01AHZ	HZ	132	339	IAML		0535	40.86		200	0.7
PENT	HZ	144	143	EP		0535	20.11	0.63		1.0
PDG	HZ	150	332	EP		0535	20.73	0.37		1.0
PDG	HE	150	332	ES		0535	40.88	-0.33		1.0
PDG	HZ	150	332	IAML		0535	42.89		162	0.5
PVY	HZ	151	355	EP		0535	20.03	-0.60		1.0
SRN	HN	151	184	ES		0535	41.17	-0.30		1.0
SRN	HZ	151	184	IAML		0535	44.88		95	0.6
PVY	HN	151	355	ES		0535	41.81	0.12		1.0
SRN	HZ	151	184	EP		0535	20.40	-0.11		1.0
NKME	HZ	195	331	EP		0535	26.87	0.19		0.9
DURR	HZ			BAZ-P		0535	05.00		100	2.3

**March 3 2025 Hour: 7:40 49.2 Lat: 40.79N Lon: 19.78E D: 6.6 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR 2.4MW TIR Rms: 0.3 secs**  
**8 km NE of Roskovec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BPA2	HZ	15	242	EP		0740	51.29	-0.86							1.0
BPA2	HE	15	242	ES		0740	54.66	0.08							1.0
BERA	HZ	17	125	EP		0740	52.05	-0.39							1.0
BERA	HN	17	125	ES		0740	55.44	0.35							1.0
BERA	HZ	17	125	IAML		0740	55.49			218	0.5				
BELS	EZ	23	30	EP		0740	53.12	-0.24							1.0
BELS	EN	23	30	ES		0740	56.76	-0.01							1.0
BELS	EZ	23	30	IAML		0741	00.83			61					
AL04AHZ		30	322	EP		0740	54.62	-0.01							1.0
AL04AHE		30	322	ES		0740	59.86	0.81							1.0
AL04AHZ		30	322	IAML		0741	07.20			96	0.3				
VLO2	EZ	40	204	EP		0740	55.98	-0.39							1.0
VLO2	EN	40	204	ES		0741	02.35	0.13							1.0
VLO2	EZ	40	204	IAML		0741	03.85			48	0.5				
VLO	HZ	44	214	EP		0740	57.04	0.02							1.0
VLO	HE	44	214	ES		0741	03.59	0.20							1.0
VLO	HZ	44	214	IAML		0741	07.32			100	0.2				
AL08AHZ		44	38	EP		0740	57.03	-0.06							1.0
AL08AHE		44	38	ES		0741	03.84	0.33							1.0
AL08AHZ		44	38	IAML		0741	06.61			55	0.4				
MOGL	EN	53	101	ES		0741	06.51	0.18							1.0
AL05AHZ		53	101	IAML		0741	08.52			62	0.1				
MOGL	EZ	53	101	EP		0740	58.42	-0.22							1.0
MOGL	EZ	53	101	IAML		0741	07.70			54	0.6				
AL05AHZ		53	101	EP		0740	58.23	-0.42							1.0
AL05AHE		53	101	ES		0741	06.33	-0.00							1.0
TPE	HZ	59	160	EP		0740	59.96	0.18							1.0
TPE	HN	59	160	ES		0741	08.57	0.19							1.0
TPE	HZ	59	160	IAML		0741	15.55			30	0.4				
SRN	HZ	103	169	EP		0741	07.54	0.17							1.0
SRN	HN	103	169	ES		0741	22.31	0.19							1.0
SRN	HZ	103	169	IAML		0741	25.55			14	0.6				
NEST	HZ	115	111	EP		0741	09.49	0.04							1.0
NEST	HE	115	111	ES		0741	26.10	0.21							1.0
NEST	HZ	115	111	IAML		0741	29.83			6	0.4				
KEK	HZ	120	179	EP		0741	10.14	-0.05							1.0
KEK	HE	120	179	ES		0741	27.37	0.14							1.0
KEK	HZ	120	179	IAML		0741	29.87			21	0.7				
PENT	HZ	133	120	EP		0741	11.99	-0.40							1.0
PENT	HE	133	120	ES		0741	31.25	0.05							1.0
PUK	HZ	139	4	EP		0741	13.18	-0.17							1.0
PUK	HN	139	4	ES		0741	32.88	-0.07							1.0
PUK	HZ	139	4	IAML		0741	35.13			7	0.5				

**March 3 2025 Hour: 16:42 53.1 Lat: 41.10N Lon: 19.86E D: 21.5 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR 2.5MW TIR Rms: 0.4 secs**  
**11 km NE of Peqin**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BELS	EZ	15	163	EP		1642	57.07	-0.60							1.0
BELS	EE	15	163	ES		1643	01.33	-0.02							1.0
BELS	EZ	15	163	IAML		1643	04.29			76	0.2				
AL04AHZ		27	248	EP		1642	59.21	0.09							1.0
AL04AHE		27	248	ES		1643	04.59	0.61							1.0
TIR	HZ	28	1	EP		1642	59.07	-0.12							1.0
TIR	HN	28	1	ES		1643	03.85	-0.25							1.0
TIR	HZ	28	1	IAML		1643	06.97			46	0.8				
DRSH	EZ	35	305	EP		1643	00.94	0.72							1.0
DRSH	EE	35	305	ES		1643	06.80	0.83							1.0
DRSH	EZ	35	305	IAML		1643	08.87			62	0.5				

BERA	HZ	44	171	EP	1643	00.50-1.08			1.0
BERA	HE	44	171	ES	1643	08.14-0.29			1.0
BERA	HZ	44	171	IAML	1643	10.69	77	0.2	
BPA2	HZ	46	207	EP	1643	01.50-0.34			1.0
FUST	EZ	51	61	EP	1643	02.61-0.21			1.0
FUST	EN	51	61	ES	1643	10.26-0.41			1.0
AL03AHN		57	12	ES	1643	12.28 0.11			1.0
BURR	EZ	57	12	IAML	1643	14.69	29	0.5	
AL03AHZ		57	12	EP	1643	03.12-0.53			1.0
AL03AHZ		57	12	IAML	1643	17.61	37	0.3	
BURR	EZ	57	12	EP	1643	03.06-0.59			1.0
BURR	EN	57	12	ES	1643	12.32 0.15			1.0
LACI	HZ	61	349	EP	1643	03.11-1.13			1.0
LACI	HN	61	349	ES	1643	13.51 0.27			1.0
LACI	HZ	61	349	IAML	1643	15.75	30	0.5	
AL05AHZ		63	134	EP	1643	04.42-0.10			1.0
AL05AHN		63	134	ES	1643	14.07 0.31			1.0
AL05AHZ		63	134	IAML	1643	19.41	37	0.7	
MOGL	EZ	63	134	EP	1643	04.49-0.03			1.0
MOGL	EN	63	134	ES	1643	13.87 0.12			1.0
VLO2	EZ	74	198	EP	1643	06.56 0.23			1.0
VLO2	EN	74	198	ES	1643	16.85-0.18			1.0
VLO	HZ	77	204	EP	1643	07.15 0.39			1.0
VLO	HN	77	204	ES	1643	18.21 0.39			1.0
VLO	HZ	77	204	IAML	1643	23.03	64	0.3	
PHP	HZ	81	36	EP	1643	07.54-0.02			1.0
PHP	HE	81	36	IS	1643	19.67 0.42			1.0
PHP	HZ	81	36	IAML	1643	24.30	22	0.2	
TPE	HZ	90	172	EP	1643	08.78-0.25			1.0
TPE	HZ	90	172	IAML	1643	24.17	49	0.5	
KBN	HN	94	124	ES	1643	23.92 0.76			1.0
PRMT	EZ	105	157	EP	1643	11.82 0.40			1.0
PRMT	EZ	105	157	IAML	1643	31.06	25	0.5	
PUK	HZ	105	1	EP	1643	11.36-0.06			1.0
PUK	HZ	105	1	IAML	1643	29.91	12	0.3	
PRMT	EN	105	157	ES	1643	26.25 0.01			1.0
PUK	HN	105	1	ES	1643	26.20-0.05			1.0
PLSA	EZ	106	191	EP	1643	11.24-0.25			1.0
PLSA	EN	106	191	ES	1643	25.96-0.41			1.0
PLSA	EZ	106	191	IAML	1643	28.75	30	0.4	
SDA	HZ	110	344	EP	1643	12.40 0.26			1.0
SDA	HN	110	344	ES	1643	27.59 0.04			1.0
AL06AHZ		112	185	EP	1643	12.30-0.27			1.0
AL06AHZ		112	185	IAML	1643	28.05	19	1.4	
AL06AHN		112	185	ES	1643	28.28-0.04			1.0
LSK	HZ	122	149	EP	1643	14.27 0.07			1.0
LSK	HN	122	149	ES	1643	31.53 0.26			1.0
LSK	HZ	122	149	IAML	1643	41.50	28	0.6	
NEST	HZ	126	127	EP	1643	14.98 0.25			1.0
NEST	HN	126	127	ES	1643	32.79 0.55			1.0
NEST	HZ	126	127	IAML	1643	38.48	21	0.8	
SRN	HZ	136	175	EP	1643	16.11-0.12			1.0
SRN	HN	136	175	ES	1643	34.38-0.57			1.0
SRN	HZ	136	175	IAML	1643	41.38	17	0.7	
RZM	EE	141	349	ES	1643	36.26-0.33			1.0
AL01AHZ		141	349	EP	1643	16.98-0.16			1.0
RZM	EZ	141	349	EP	1643	16.98-0.16			1.0
RZM	EZ	141	349	IAML	1643	54.94	7	31.4	
AL01AHE		141	349	ES	1643	36.05-0.54			1.0
AL01AHZ		141	349	IAML	1643	39.41	15	0.3	
BCI	HZ	142	7	EP	1643	17.62 0.40			1.0
BCI	HN	142	7	ES	1643	37.32 0.58			1.0
BCI	HZ	142	7	IAML	1643	45.67	19	0.6	
PENT	HZ	147	132	EP	1643	18.31 0.18			1.0

PENT	HN	147	132	ES	1643	38.72	0.33	1.0
KEK	HZ	154	182	EP	1643	18.88	-0.13	1.0
PDG	HZ	156	342	EP	1643	19.24	-0.00	1.0
PVY	HZ	166	3	EP	1643	21.10	0.38	0.9
PVY	HN	166	3	ES	1643	42.77	-0.30	0.9
NKME	HZ	200	338	EP	1643	25.15	0.19	0.9
GMRK	HZ	207	33	EP	1643	25.92	0.06	0.9
ME02AHZ		237	345	EP	1643	29.78	0.04	0.9
NOCI	HZ	238	263	EP	1643	30.14	0.34	0.9
SJES	BZ	240	2	EP	1643	30.44	0.24	0.9
THL	HZ	250	132	EP	1643	30.95	-0.34	0.9

**March 3 2025 Hour: 19:13 54.7 Lat: 38.90N Lon: 21.10E D: 9.6 Ag: TIR Local Rms: 0.4 secs**  
**Magnitudes: 2.1ML TIR**  
**115 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	40	253	EP	1914	01.50	-0.59								1.0
LKD2	HN	40	253	ES	1914	08.27	0.18								1.0
JAN	HN	87	346	ES	1914	22.59	0.16								1.0
VLS	HZ	91	209	EP	1914	11.52	0.78								1.0
THL	HZ	108	47	EP	1914	13.38	-0.15								1.0
THL	HE	108	47	ES	1914	28.63	-0.17								1.0
KEK	HZ	144	309	EP	1914	19.47	-0.06								1.0
KEK	HN	144	309	ES	1914	39.27	-0.38								1.0
KEK	HZ	144	309	IAML	1914	46.19				21	1.1				
PENT	HZ	144	1	EP	1914	19.72	0.14								1.0
LSK	HZ	146	343	EP	1914	19.29	-0.51								1.0
NEST	HZ	169	359	EP	1914	24.55	0.91								0.9
NEST	HN	169	359	ES	1914	47.27	0.18								0.9
NEST	HZ	169	359	IAML	1914	53.02				5	1.2				
ITM	HZ	204	159	EP	1914	27.78	-0.52								0.9

**March 4 2025 Hour: 23:28 47.1 Lat: 41.46N Lon: 21.05E D: 10.0F Ag: TIR Local Rms: 0.3 secs**  
**Magnitudes: 2.0ML TIR 2.6MW TIR**  
**57 km SE of Peshkopi**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	57	296	EP	2328	57.50	0.23								1.0
PHP	HN	57	296	ES	2329	05.05	-0.43								1.0
PHP	HZ	57	296	IAML	2329	05.28				118	0.2				
FUST	EZ	57	255	EP	2328	57.23	-0.05								1.0
FUST	EN	57	255	ES	2329	04.93	-0.56								1.0
FUST	EZ	57	255	IAML	2329	05.24				23	0.2				
AL07AHZ		70	207	EP	2328	59.66	0.09								1.0
AL07AHN		70	207	ES	2329	09.79	0.14								1.0
AL07AHZ		70	207	IAML	2329	12.27				89	0.5				
BURR	EZ	89	281	EP	2329	02.94	-0.05								1.0
BURR	EZ	89	281	IAML	2329	16.50				17	0.7				
AL03AHN		89	281	ES	2329	15.80	-0.05								1.0
AL03AHZ		89	281	IAML	2329	16.13				24	0.2				
BURR	EN	89	281	ES	2329	15.78	-0.05								1.0
AL03AHZ		89	281	EP	2329	02.75	-0.25								1.0
AL08AHZ		89	244	EP	2329	02.82	-0.17								1.0
AL08AHN		89	244	ES	2329	15.89	0.06								1.0
AL08AHZ		89	244	IAML	2329	19.66				24	1.5				
KBN	HZ	96	194	EP	2329	03.95	-0.24								1.0
KBN	HN	96	194	ES	2329	17.95	-0.05								1.0
KBN	HZ	96	194	IAML	2329	21.10				22	0.3				
MOGL	EZ	101	214	EP	2329	04.74	-0.34								1.0
AL05AHZ		101	214	IAML	2329	22.21				13	0.8				
MOGL	EN	101	214	ES	2329	19.83	0.21								1.0
MOGL	EZ	101	214	IAML	2329	22.20				6	0.4				
AL05AHZ		101	214	EP	2329	04.67	-0.41								1.0
AL05AHN		101	214	ES	2329	19.84	0.22								1.0
BELS	EZ	110	241	EP	2329	06.82	0.06								1.0

BELS EN	110	241	ES	2329	22.80	0.15										1.0
BELS EZ	110	241	IAML	2329	25.63		5	0.3								1.0
LACI HZ	113	280	EP	2329	07.47	0.15										1.0
LACI HN	113	280	ES	2329	23.72	0.05										1.0
LACI HZ	113	280	IAML	2329	25.86		14	0.6								1.0
PUK HZ	116	304	EP	2329	07.53	-0.34										1.0
PUK HN	116	304	ES	2329	24.93	0.26										1.0
PUK HZ	116	304	IAML	2329	27.40		10	0.3								1.0
BERA HZ	125	228	EP	2329	09.81	0.42										1.0
BERA HN	125	228	ES	2329	27.64	0.23										1.0
BERA HZ	125	228	IAML	2329	30.10		5	0.1								1.0
BCI HZ	130	321	EP	2329	09.95	-0.24										1.0
BCI HN	130	321	ES	2329	29.60	0.74										1.0
BCI HZ	130	321	IAML	2329	31.27		24	0.6								1.0
GMRK HZ	134	6	EP	2329	11.51	0.59										1.0
GMRK HN	134	6	ES	2329	30.22	0.03										1.0
AL04AHZ	135	249	EP	2329	11.02	0.02										1.0
AL04AHN	135	249	ES	2329	30.46	0.13										1.0
AL04AHZ	135	249	IAML	2329	36.67		26	1.3								1.0
PENT HZ	141	177	EP	2329	11.78	-0.26										1.0
PENT HN	141	177	ES	2329	32.01	-0.21										1.0
KZN HZ	142	154	EP	2329	12.07	-0.14										1.0
KZN HN	142	154	ES	2329	32.33	-0.20										1.0
SDA HZ	145	297	EP	2329	12.99	0.32										1.0
SDA HN	145	297	ES	2329	33.20	-0.16										1.0
SDA HZ	145	297	IAML	2329	35.69		7	0.4								1.0
PRMT EZ	149	204	EP	2329	13.30	-0.09										1.0
PRMT EZ	149	204	IAML	2329	36.19		7	0.4								1.0
LSK HZ	150	195	EP	2329	13.58	-0.10										1.0
LSK HN	150	195	ES	2329	34.99	-0.18										1.0
LSK HZ	150	195	IAML	2329	37.30		28	0.7								1.0
PVY HZ	155	325	EP	2329	15.24	0.75										1.0
PVY HN	155	325	ES	2329	36.28	-0.36										1.0
TPE HZ	156	214	EP	2329	15.12	0.54										1.0
TPE HN	156	214	ES	2329	37.52	0.71										1.0
TPE HZ	156	214	IAML	2329	41.37		9	0.8								1.0
AL01AHZ	159	309	EP	2329	14.59	-0.51										0.9
AL01AHN	159	309	ES	2329	37.15	-0.61										0.9
AL01AHZ	159	309	IAML	2329	37.76		9	0.4								1.0

**March 5 2025 Hour: 6:20 49.7 Lat: 40.46N Lon: 20.06E D: 6.3 Ag: TIR Local Magnitudes: 2.1ML TIR 2.6MW TIR Rms: 0.5 secs 14 km NE of Memaliaj**

STAT CO DIST AZI PHASE P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TPE HZ 19 192 EP	0620	53.82	0.49							1.0
TPE HN 19 192 ES	0620	57.49	1.26							1.0
TPE HZ 19 192 IAML	0620	59.05		276	0.4					
BERA HZ 29 340 EP	0620	54.21	-0.85							1.0
BERA HN 29 340 ES	0620	58.75	-0.63							1.0
BERA HZ 29 340 IAML	0620	58.90		284	0.2					
PRMT EZ 36 137 EP	0620	56.00	-0.21							1.0
PRMT EN 36 137 ES	0621	01.31	-0.14							1.0
PRMT EZ 36 137 IAML	0621	02.90		87	0.3					
MOGL EZ 39 46 EP	0620	56.78	0.02							1.0
MOGL EN 39 46 ES	0621	02.73	0.28							1.0
AL05AHZ 39 46 EP	0620	56.68	-0.09							1.0
AL05AHN 39 46 ES	0621	02.72	0.26							1.0
AL05AHZ 39 46 IAML	0621	04.37		115	0.4					
VLO2 EZ 40 271 EP	0620	56.92	-0.12							1.0
VLO2 EN 40 271 ES	0621	02.78	-0.17							1.0
AL06AHZ 49 212 EP	0620	57.98	-0.56							1.0
PLSA EZ 50 229 EP	0620	58.71	0.01							1.0
PLSA EN 50 229 ES	0621	05.93	-0.03							1.0
PLSA EZ 50 229 IAML	0621	10.94		42	0.6					

LSK	HZ	57	127	EP	0620	59.74-0.29									1.0
LSK	HE	57	127	ES	0621	08.23-0.14									1.0
LSK	HZ	57	127	IAML	0621	18.99			39	0.5					1.0
BELS	EZ	58	347	EP	0620	59.37-0.78									1.0
BELS	EZ	58	347	IAML	0621	09.15			27	0.2					1.0
KBN	HZ	64	73	EP	0621	01.20-0.02									1.0
KBN	HN	64	73	ES	0621	10.28-0.24									1.0
KBN	HZ	64	73	IAML	0621	18.14			26	0.7					1.0
SRN	HZ	65	185	EP	0621	01.24-0.13									1.0
SRN	HE	65	185	ES	0621	11.11 0.32									1.0
SRN	HZ	65	185	IAML	0621	13.14			40	0.5					1.0
AL08AHZ		72	3	EP	0621	02.32-0.24									1.0
AL08AHN		72	3	ES	0621	13.46 0.52									1.0
AL08AHZ		72	3	IAML	0621	20.17			68	0.7					1.0
AL04AHZ		74	325	EP	0621	03.06 0.08									1.0
AL04AHZ		74	325	IAML	0621	24.19			54	0.5					1.0
KEK	HZ	86	195	EP	0621	04.82-0.30									1.0
KEK	HZ	86	195	IAML	0621	25.38			31	1.2					1.0
PENT	HZ	96	108	EP	0621	07.25 0.43									1.0
PENT	HN	96	108	ES	0621	20.19-0.46									1.0
TIR	HZ	100	350	EP	0621	07.71 0.32									1.0
TIR	HZ	100	350	IAML	0621	28.61			20	0.5					1.0
FUST	EZ	100	16	EP	0621	07.61 0.14									1.0
DRSH	EZ	102	334	EP	0621	08.34 0.62									1.0
BURR	EZ	127	358	EP	0621	12.33 0.45									1.0
AL03AHZ		127	358	EP	0621	12.23 0.35									1.0
AL03AHN		127	358	ES	0621	30.20 0.38									1.0
AL03AHZ		127	358	IAML	0621	34.26			22	1.9					1.0
LACI	HZ	134	348	EP	0621	13.35 0.32									1.0
LACI	HZ	134	348	IAML	0621	32.16			16	0.9					1.0
LACI	HE	134	348	ES	0621	32.54 0.65									1.0
PHP	HZ	139	13	EP	0621	14.36 0.33									1.0
PHP	HE	139	13	ES	0621	33.98 0.27									1.0
PHP	HZ	139	13	IAML	0621	38.78			13	0.7					1.0
SCTE	HZ	142	253	EP	0621	14.44-0.06									1.0
PUK	HZ	176	355	EP	0621	19.41-0.75									0.9
PUK	HZ	176	355	IAML	0621	47.40			8	0.4					0.9
RZM	EZ	214	349	EP	0621	24.39-0.71									0.9
AL01AHZ		214	349	EP	0621	24.27-0.83									0.9

**March 5 2025 Hour: 14:48 53.0 Lat: 39.66N Lon: 20.87E D: 2.0F Ag: TIR Local Magnitudes: 2.6ML TIR 3.4MW TIR Rms: 0.5 secs 59 km E of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JAN	HN	2	248	ES		1448	53.50-0.60								1.0
LSK	HZ	59	336	EP		1449	02.96-0.58								1.0
LSK	HN	59	336	ES		1449	12.14 0.08								1.0
LSK	HZ	59	336	IAML		1449	16.73			358	0.6				
PENT	HZ	63	21	EP		1449	03.71-0.61								1.0
PENT	HE	63	21	ES		1449	13.21-0.26								1.0
PRMT	EZ	77	325	EP		1449	05.95-0.82								1.0
PRMT	EE	77	325	ES		1449	17.67-0.24								1.0
PRMT	EZ	77	325	IAML		1449	18.76			102	0.4				
SRN	HZ	79	288	EP		1449	06.69-0.37								1.0
SRN	HN	79	288	ES		1449	18.44 0.00								1.0
SRN	HZ	79	288	IAML		1449	22.49				113	0.6			
NEST	HZ	85	10	EP		1449	07.59-0.55								1.0
NEST	HE	85	10	ES		1449	20.28-0.12								1.0
NEST	HZ	85	10	IAML		1449	29.55				87	0.5			
KEK	HZ	92	274	EP		1449	08.62-0.91								1.0
KEK	HN	92	274	ES		1449	22.87-0.03								1.0
KEK	HZ	92	274	IAML		1449	31.14				156	0.5			
THL	HZ	99	96	EP		1449	11.14 0.53								1.0
THL	HN	99	96	ES		1449	24.77-0.09								1.0

LKD2	HZ	99	191	EP	1449	10.69-0.00		1.0
LKD2	HN	99	191	ES	1449	25.60 0.59		1.0
TPE	HZ	101	314	EP	1449	10.93-0.20		1.0
TPE	HN	101	314	ES	1449	25.86 0.06		1.0
TPE	HZ	101	314	IAML	1449	34.18	140 0.5	
KZN	HZ	105	47	EP	1449	11.96 0.25		1.0
AL06AHZ	107	297	EP		1449	12.25 0.21		1.0
AL06AHN	107	297	ES		1449	27.94 0.49		1.0
AL06AHZ	107	297	IAML		1449	28.98	76 0.4	
BERA	HZ	140	326	EP	1449	17.87 0.16		1.0
BERA	HN	140	326	ES	1449	38.46 0.75		1.0
BERA	HZ	140	326	IAML	1449	41.25	40 0.5	
VLO2	EZ	141	310	EP	1449	18.45 0.56		1.0
VLO2	EN	141	310	ES	1449	38.71 0.67		1.0
VLO2	EZ	141	310	IAML	1449	45.39	76 0.6	
BELS	EZ	167	331	EP	1449	22.43 0.36		0.9
BELS	EZ	167	331	IAML	1449	51.29	30 1.2	
VLS	HZ	167	189	EP	1449	21.64-0.50		0.9
FUST	EZ	189	348	EP	1449	26.70 0.98		0.9
SCTE	HZ	211	283	EP	1449	28.30-0.12		0.9
PHP	HZ	227	351	EP	1449	31.25 0.65		0.9
PHP	HZ	227	351	IAML	1450	12.83	28 1.0	
PLG	HZ	233	69	EP	1449	31.91 0.59		0.9
PUK	HZ	277	343	EP	1449	36.61-0.36		0.8
PUK	HZ	277	343	IAML	1450	24.10	7 0.7	
BARS	BZ	359	12	EP	1449	47.19-0.23		0.8

**March 6 2025 Hour: 14:58 18.6 Lat: 42.18N Lon: 19.63E D: 21.0 Ag: TIR Local  
Magnitudes: 2.4ML TIR 2.6MW TIR Rms: 0.3 secs**

**15 km NE of Shkoder**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SDA	HZ	18	217	EP	C	1458	23.23-0.07								1.0
SDA	HN	18	217	ES		1458	27.00-0.14								1.0
SDA	HZ	18	217	IAML		1458	27.17				321	0.5			
AL01AHZ	20	341	EP	D	1458	23.98 0.28									1.0
AL01AHN	20	341	ES		1458	28.47 0.60									1.0
AL01AHZ	20	341	IAML		1458	29.43					499	0.0			
RZM	EZ	20	341	EP		1458	23.96 0.26								1.0
RZM	EZ	20	341	ES		1458	28.30 0.43								1.0
RZM	EZ	20	341	IAML		1458	29.49				476	0.4			
PUK	HZ	27	124	EP	D	1458	24.27-0.25								1.0
PUK	HN	27	124	ES		1458	28.91-0.44								1.0
PUK	HZ	27	124	IAML		1458	29.08				433	0.3			
PDG	HZ	41	313	EP	C	1458	26.34-0.19								1.0
PDG	HN	41	313	ES		1458	33.33 0.34								1.0
PDG	HZ	41	313	IAML		1458	34.06				141	0.2			
BCI	HZ	42	60	EP	D	1458	26.45-0.25								1.0
BCI	HN	42	60	ES		1458	33.51 0.21								1.0
BCI	HZ	42	60	IAML		1458	34.60				152	0.5			
PVY	HZ	54	30	EP		1458	28.55-0.06								1.0
PVY	HE	54	30	ES		1458	36.59-0.16								1.0
PVY	HZ	54	30	IAML		1458	38.21				191	0.2			
LACI	HZ	61	173	EP		1458	29.26-0.33								1.0
ME01AHZ	77	16	EP	C	1458	32.54 0.21									1.0
ME01AHN	77	16	ES		1458	43.14-0.35									1.0
ME01AHZ	77	16	IAML		1458	46.08					156	0.4			
NKME	HZ	86	320	EP		1458	33.11-0.64								1.0
NKME	HN	86	320	ES		1458	45.39-0.66								1.0
NKME	HZ	86	320	IAML		1458	45.60				43	0.5			
PHP	HZ	87	129	EP		1458	34.24 0.31								1.0
PHP	HZ	87	129	IAML		1458	48.40				23	0.5			
ME05AHZ	97	289	EP		1458	35.80 0.19									1.0
ME05AHN	97	289	ES		1458	48.96-0.46									1.0
DRSH	EZ	100	185	EP		1458	36.30 0.26								1.0

DRSH	EZ	100	185	IAML	1458	56.89		26	0.3	
FUST	EZ	114	146	IAML	1458	59.16		4	0.5	
ME02AHZ		116	339	EP	1458	38.94	0.20			1.0
ME02AHN		116	339	ES	1458	55.39	0.30			1.0
ME02AHZ		116	339	IAML	1459	02.53		13	0.3	
SJES	BZ	124	13	EP	1458	39.76	-0.12			1.0
AL04AHZ		130	182	EP	1458	41.52	0.72			1.0
BELS	EZ	136	170	EP	1458	41.36	-0.40			1.0
GMRK	HZ	142	67	EP	1458	42.55	-0.13			1.0
MOGL	EZ	176	158	EP	1458	47.53	0.24			0.9
AL05AHZ		176	158	EP	1458	47.53	0.24			0.9
BARS	BZ	193	68	EP	1458	49.50	-0.06			0.9

**March 7 2025 Hour: 2:23 47.2 Lat: 41.26N Lon: 20.02E D: 18.0 Ag: TIR Local  
Magnitudes: 2.4ML TIR 2.8MW TIR Rms: 0.5 secs**

**16 km N of Elbasan**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	17	308	EP	0223	51.13	-0.34								1.0
TIR	HN	17	308	ES	0223	54.99	0.03								1.0
TIR	HZ	17	308	IAML	0223	55.58			301	0.1					
FUST	EZ	32	76	EP	0223	53.96	0.28								1.0
FUST	EN	32	76	ES	0223	59.01	0.06								1.0
FUST	EZ	32	76	IAML	0224	00.06			64	0.5					
BELS	EZ	33	197	EP	0223	52.76	-0.94								1.0
BELS	EN	33	197	ES	0223	58.79	-0.21								1.0
BELS	EZ	33	197	IAML	0223	58.95			198	0.1					
AL03AHZ		39	357	EP	0223	54.36	-0.21								1.0
AL03AHN		39	357	ES	0224	00.48	-0.08								1.0
AL03AHZ		39	357	IAML	0224	01.33			369	0.3					
BURR	EZ	39	358	EP	0223	54.40	-0.16								1.0
BURR	EN	39	358	ES	0224	00.65	0.09								1.0
BURR	EZ	39	358	IAML	0224	01.57			309	0.2					
DRSH	EZ	42	274	EP	0223	55.30	0.17								1.0
DRSH	EN	42	274	ES	0224	01.88	0.29								1.0
DRSH	EZ	42	274	IAML	0224	05.97			355	0.3					
AL04AHZ		48	235	EP	0223	56.22	0.22								1.0
AL04AHN		48	235	ES	0224	03.50	0.35								1.0
AL04AHZ		48	235	IAML	0224	11.14			303	0.5					
DURR	HZ	48	279	EP	0223	56.32	0.27								1.0
DURR	HN	48	279	ES	0224	03.41	0.16								1.0
DURR	HZ	48	279	IAML	0224	07.93			138	0.2					
LACI	HZ	50	329	EP	0223	55.53	-0.76								1.0
LACI	HN	50	329	ES	0224	03.51	-0.17								1.0
LACI	HZ	50	329	IAML	0224	06.05			137	0.2					
PHP	HZ	59	36	EP	0223	57.60	-0.28								1.0
PHP	HN	59	36	ES	0224	06.44	-0.12								1.0
PHP	HZ	59	36	IAML	0224	09.94			84	0.4					
BERA	HZ	61	186	EP	0223	56.76	-1.43								1.0
BERA	HN	61	186	ES	0224	07.04	-0.09								1.0
BERA	HZ	61	186	IAML	0224	08.38			142	0.2					
BPA2	HZ	68	210	EP	0223	59.15	-0.08								1.0
AL07AHZ		68	125	EP	0223	59.64	0.33								1.0
AL07AHN		68	125	ES	0224	09.88	0.73								1.0
AL07AHZ		68	125	IAML	0224	14.91			88	0.7					
MOGL	EZ	68	153	EP	0223	59.37	-0.04								1.0
MOGL	EN	68	153	ES	0224	09.54	0.21								1.0
MOGL	EZ	68	153	IAML	0224	12.00			37	0.6					
AL05AHZ		69	153	EP	0223	58.72	-0.70								1.0
AL05AHN		69	153	ES	0224	09.32	-0.02								1.0
AL05AHZ		69	153	IAML	0224	11.99			60	0.4					
PUK	HZ	88	353	EP	0224	02.51	-0.17								1.0
PUK	HN	88	353	ES	0224	15.35	0.09								1.0
PUK	HZ	88	353	IAML	0224	20.41			34	0.3					
VLO2	EZ	95	203	EP	0224	03.87	0.11								1.0

KBN	HZ	95	137	EP	0224	03.81-0.03										1.0
KBN	HZ	95	137	IAML	0224	27.56			19	0.3						1.0
VLO	HZ	98	207	EP	0224	04.45	0.17									1.0
VLO	HN	98	207	ES	0224	18.62	0.48									1.0
VLO	HZ	98	207	IAML	0224	21.74			81	0.4						1.0
SDA	HZ	99	334	EP	0224	04.10	-0.24									1.0
SDA	HN	99	334	ES	0224	18.18	-0.07									1.0
SDA	HZ	99	334	IAML	0224	20.55			27	0.2						1.0
TPE	HZ	107	180	EP	0224	05.34	-0.38									1.0
TPE	HZ	107	180	IAML	0224	31.88			38	0.5						1.0
PRMT	EZ	117	166	EP	0224	06.84	-0.65									1.0
PRMT	EN	117	166	ES	0224	24.21	0.26									1.0
PRMT	EZ	117	166	IAML	0224	30.02			19	1.0						1.0
BCI	HZ	123	2	EP	0224	09.23	0.70									1.0
BCI	HN	123	2	ES	0224	27.53	1.70									1.0
BCI	HZ	123	2	IAML	0224	30.46			43	0.8						1.0
PLSA	EZ	126	196	EP	0224	09.40	0.53									1.0
PLSA	EN	126	196	ES	0224	26.98	0.52									1.0
PLSA	EZ	126	196	IAML	0224	30.98			28	0.4						1.0
AL01AHZ		127	342	EP	0224	08.92	-0.31									1.0
AL01AHN		127	342	ES	0224	27.69	0.59									1.0
AL01AHZ		127	342	IAML	0224	30.54			46	0.3						1.0
AL06AHZ		131	190	EP	0224	09.88	0.09									1.0
AL06AHN		131	190	ES	0224	28.85	0.73									1.0
AL06AHZ		131	190	IAML	0224	35.25			24	0.7						1.0
LSK	HZ	132	158	EP	0224	09.60	-0.34									1.0
LSK	HZ	132	158	IAML	0224	41.47			27	0.6						1.0
PDG	HZ	145	334	EP	0224	11.15	-0.77									1.0
PDG	HN	145	334	ES	0224	31.42	-0.54									1.0
PDG	HZ	145	334	IAML	0224	32.46			48	0.2						1.0
SRN	HZ	153	181	EP	0224	13.17	0.04									1.0
SRN	HZ	153	181	IAML	0224	37.72			15	0.3						1.0

March 7 2025 Hour: 6:52 2.4 Lat: 41.08N Lon: 19.83E D: 20.6 Ag: TIR Local  
 Magnitudes: 2.1ML TIR 2.5MW TIR  
 7 km NE of Peqin

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BELS	EZ	15	150	EP	0652	06.66	-0.16								1.0
BELS	EN	15	150	ES	0652	10.56	0.17								1.0
BELS	EZ	15	150	IAML	0652	12.03			156	0.2					
AL08AHZ		23	84	EP	0652	07.66	-0.16								1.0
AL08AHN		23	84	ES	0652	12.28	0.07								1.0
AL08AHZ		23	84	IAML	0652	14.10			63	0.3					
AL04AHZ		24	249	EP	0652	07.53	-0.34								1.0
AL04AHN		24	249	ES	0652	12.55	0.26								1.0
AL04AHZ		24	249	IAML	0652	13.39			172	0.2					
TIR	HZ	29	6	EP	0652	08.55	-0.08								1.0
TIR	HN	29	6	ES	0652	14.14	0.47								1.0
TIR	HZ	29	6	IAML	0652	17.37			128	0.4					
DRSH	EZ	34	311	EP	0652	09.15	-0.07								1.0
DRSH	EN	34	311	ES	0652	15.35	0.61								1.0
DRSH	EZ	34	311	IAML	0652	20.65			83	0.3					
BERA	HZ	43	166	EP	0652	10.28	-0.39								1.0
BERA	HN	43	166	ES	0652	17.27	-0.09								1.0
BERA	HZ	43	166	IAML	0652	18.40			126	0.2					
FUST	EZ	55	61	EP	0652	12.20	-0.39								1.0
FUST	EN	55	61	ES	0652	20.90	0.05								1.0
FUST	EZ	55	61	IAML	0652	22.82			5	0.1					
AL03AHZ		59	15	EP	0652	12.69	-0.55								1.0
AL03AHN		59	15	ES	0652	22.33	0.31								1.0
AL03AHZ		59	15	IAML	0652	23.49			84	0.1					
LACI	HZ	62	352	EP	0652	12.89	-0.75								1.0
LACI	HN	62	352	ES	0652	22.59	-0.16								1.0
LACI	HZ	62	352	IAML	0652	23.05			37	0.3					

MOGL	EZ	64	131	EP	0652	14.08	0.12								1.0
VLO2	EZ	71	196	EP	0652	14.91	-0.29								1.0
VLO2	EN	71	196	ES	0652	25.52	-0.04								1.0
VLO2	EZ	71	196	IAML	0652	29.24		33	0.4						
PHP	HZ	84	37	EP	0652	16.92	-0.40								1.0
PHP	HN	84	37	ES	0652	29.62	0.22								1.0
PHP	HZ	84	37	IAML	0652	31.00		16	0.2						
PUK	HZ	107	3	EP	0652	21.37	0.35								1.0
PUK	HN	107	3	ES	0652	36.70	0.61								1.0
PUK	HZ	107	3	IAML	0652	40.55		18	0.5						
AL06AHZ		111	183	EP	0652	21.25	-0.38								1.0
AL06AHN		111	183	ES	0652	37.39	0.19								1.0
AL06AHZ		111	183	IAML	0652	39.79		20	0.6						
NEST	HZ	127	125	EP	0652	24.84	0.53								1.0
NEST	HZ	127	125	IAML	0652	47.48		11	0.9						
SRN	HZ	135	174	EP	0652	26.23	0.86								1.0
SRN	HN	135	174	ES	0652	44.04	0.06								1.0
SRN	HZ	135	174	IAML	0652	45.55		17	0.6						
AL01AHZ		142	351	EP	0652	26.75	0.12								1.0
AL01AHN		142	351	ES	0652	45.53	-0.71								1.0
AL01AHZ		142	351	IAML	0652	48.85		14	0.2						

**March 7 2025 Hour: 7:34 56.4 Lat: 39.33N Lon: 20.02E D: 23.8 Ag: TIR Local  
Magnitudes: 2.3ML TIR 2.7MW TIR  
39 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KEK	HZ	47	336	EP	0735	05.36	-0.14								1.0
KEK	HN	47	336	ES	0735	13.01	0.17								1.0
KEK	HZ	47	336	IAML	0735	15.46		110	0.2						
SRN	HZ	61	358	EP	0735	07.74	0.03								1.0
SRN	HN	61	358	ES	0735	17.00	0.16								1.0
SRN	HZ	61	358	IAML	0735	18.17		99	0.4						
JAN	HZ	80	63	EP	0735	11.06	0.38								1.0
JAN	HN	80	63	ES	0735	22.44	0.23								1.0
LKD2	HZ	81	137	EP	0735	11.40	0.53								1.0
LKD2	HN	81	137	ES	0735	22.32	-0.24								1.0
AL06AHZ		88	345	EP	0735	12.12	0.27								1.0
AL06AHN		88	345	ES	0735	24.03	-0.30								1.0
AL06AHZ		88	345	IAML	0735	24.23		37	0.5						
PRMT	EZ	104	16	EP	0735	14.72	0.29								1.0
PRMT	EN	104	16	ES	0735	28.59	-0.40								1.0
PRMT	EZ	104	16	IAML	0735	29.36		26	0.2						
LSK	HZ	104	28	EP	0735	14.72	0.27								1.0
LSK	HN	104	28	ES	0735	28.85	-0.19								1.0
LSK	HZ	104	28	IAML	0735	32.98		31	1.0						
TPE	HZ	107	360	EP	0735	15.18	0.21								1.0
TPE	HN	107	360	ES	0735	29.06	-0.92								1.0
TPE	HZ	107	360	IAML	0735	30.93		30	0.1						
PENT	HZ	136	44	EP	0735	19.88	0.38								1.0
PENT	HN	136	44	ES	0735	38.05	-0.12								1.0
VLS	HZ	137	159	EP	0735	18.83	0.81								1.0
VLS	HN	137	159	ES	0735	38.35	0.07								1.0
NEST	HZ	149	36	EP	0735	21.54	-0.02								1.0
NEST	HN	149	36	ES	0735	41.82	-0.08								1.0
NEST	HZ	149	36	IAML	0735	46.86		9	0.2						
BERA	HZ	153	357	EP	0735	21.96	-0.05								1.0
BERA	HN	153	357	ES	0735	42.77	0.05								1.0
BERA	HZ	153	357	IAML	0735	49.93		17	0.6						
MOGL	EZ	156	11	EP	0735	22.81	0.42								1.0
MOGL	EN	156	11	ES	0735	43.66	0.26								1.0
MOGL	EZ	156	11	IAML	0735	49.97		8	0.7						
THL	HZ	173	81	EP	0735	24.58	0.04								0.9
THL	HN	173	81	ES	0735	46.89	-0.40								0.9

**March 8 2025 Hour: 19:430.0 Lat: 40.14N Lon: 20.72E D: 5.0F Ag: TIR Local**  
**Magnitudes: 2.0ML TIR 2.4MW TIR Rms: 0.3 secs**  
**24 km S of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	10	276	EP		1904	32.12	-0.06							1.0
LSK	HN	10	276	ES		1904	33.71	-0.20							1.0
LSK	HZ	10	276	IAML		1904	38.22			657	0.6				
PRMT	EZ	33	287	EP		1904	35.44	-0.54							1.0
PRMT	EN	33	287	ES		1904	40.49	-0.31							1.0
PRMT	EZ	33	287	IAML		1904	42.25			80	0.7				
PENT	HZ	36	80	EP		1904	36.48	-0.11							1.0
PENT	HN	36	80	ES		1904	41.71	-0.18							1.0
NEST	HZ	41	42	EP		1904	37.43	-0.07							1.0
NEST	HE	41	42	ES		1904	43.68	0.14							1.0
NEST	HZ	41	42	IAML		1904	46.04			73	0.6				
KBN	HZ	54	6	EP		1904	39.81	0.08							1.0
KBN	HN	54	6	ES		1904	47.42	-0.16							1.0
JAN	HZ	55	168	EP		1904	39.71	-0.18							1.0
JAN	HN	55	168	ES		1904	47.44	-0.42							1.0
SRN	HZ	68	245	EP		1904	42.43	0.23							1.0
SRN	HE	68	245	ES		1904	52.09	0.05							1.0
SRN	HZ	68	245	IAML		1904	54.81			36	0.3				
MOGL	EZ	69	336	EP		1904	42.53	0.20							1.0
AL05AHZ		69	336	EP		1904	42.44	0.11							1.0
AL05AHN		69	336	ES		1904	52.27	-0.02							1.0
IGT	HZ	75	206	EP		1904	43.46	-0.04							1.0
IGT	HN	75	206	ES		1904	54.46	0.05							1.0
IGT	HZ	75	206	IAML		1904	59.09			24	1.2				
AL06AHZ		82	266	EP		1904	44.91	0.16							1.0
AL06AHN		82	266	ES		1904	56.65	-0.01							1.0
AL06AHZ		82	266	IAML		1905	00.40			21	0.5				
BERA	HZ	91	314	EP		1904	45.94	-0.38							1.0
KZN	HZ	91	78	EP		1904	46.17	-0.21							1.0
KEK	HZ	92	239	EP		1904	46.39	-0.08							1.0
KEK	HN	92	239	ES		1904	59.77	-0.01							1.0
KEK	HZ	92	239	IAML		1905	01.34			26	0.2				
PLSA	EZ	93	272	EP		1904	46.99	0.27							1.0
BELS	EZ	115	324	EP		1904	50.37	0.09							1.0
FUST	EZ	134	348	EP		1904	54.31	0.71							1.0
LKD2	HZ	150	182	EP		1904	57.24	1.05							1.0

**March 9 2025 Hour: 14:9 6.3 Lat: 41.34N Lon: 20.27E D: 8.9 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR 2.6MW TIR Rms: 0.4 secs**  
**17 km S of Bulqize**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
FUST	EZ	11	99	EP		1409	09.10	0.19							1.0
FUST	EN	11	99	ES		1409	11.96	0.89							1.0
FUST	EZ	11	99	IAML		1409	12.23			303	0.2				
AL08AHZ		30	208	EP		1409	10.96	-0.83							1.0
AL08AHN		30	208	ES		1409	15.94	-0.34							1.0
AL08AHZ		30	208	IAML		1409	16.61			209	0.2				
TIR	HZ	34	271	EP		1409	12.21	-0.29							1.0
TIR	HN	34	271	ES		1409	17.62	0.06							1.0
TIR	HZ	34	271	IAML		1409	18.14			109	0.1				
BURR	EZ	36	323	EP		1409	12.91	-0.05							1.0
BURR	EN	36	323	ES		1409	19.28	0.89							1.0
BURR	EZ	36	323	IAML		1409	20.68			64	0.2				
AL03AHZ		36	323	EP		1409	12.97	-0.00							1.0
AL03AHN		36	323	ES		1409	18.57	0.16							1.0
AL03AHZ		36	323	IAML		1409	20.58			131	0.4				
PHP	HZ	41	21	EP		1409	13.44	-0.31							1.0
PHP	HN	41	21	ES		1409	19.76	-0.06							1.0
PHP	HZ	41	21	IAML		1409	21.99			43	0.1				

BELS	EZ	51	216	EP	1409	14.90-0.57											1.0
BELS	EN	51	216	ES	1409	23.28 0.36											1.0
BELS	EZ	51	216	IAML	1409	24.09											
LACI	HZ	57	306	EP	1409	15.56-0.92											1.0
LACI	HN	57	306	ES	1409	24.60-0.15											1.0
LACI	HZ	57	306	IAML	1409	25.93											
DRSH	EZ	63	264	EP	1409	18.14 0.56											1.0
DRSH	EN	63	264	ES	1409	27.12 0.37											1.0
AL05AHZ		71	172	EP	1409	19.10 0.09											1.0
AL05AHN		71	172	ES	1409	29.36 0.02											1.0
AL05AHZ		71	172	IAML	1409	31.76											
MOGL	EZ	71	172	EP	1409	18.84-0.17											1.0
MOGL	EN	71	172	ES	1409	29.09-0.25											1.0
MOGL	EZ	71	172	IAML	1409	31.92											
BERA	HZ	75	201	EP	1409	19.98 0.32											1.0
BERA	HN	75	201	ES	1409	30.50-0.01											1.0
BERA	HZ	75	201	IAML	1409	33.85											
PUK	HZ	84	338	EP	1409	20.76-0.39											1.0
PUK	HN	84	338	ES	1409	33.29 0.07											1.0
PUK	HZ	84	338	IAML	1409	34.79											
SDA	HZ	101	321	EP	1409	23.58-0.43											1.0
SDA	HN	101	321	ES	1409	38.26-0.13											1.0
SDA	HZ	101	321	IAML	1409	39.61											
BCI	HZ	115	352	EP	1409	26.84 0.52											1.0
BCI	HZ	115	352	IAML	1409	51.41											
NEST	HZ	122	147	EP	1409	26.88-0.63											1.0
NEST	HZ	122	147	IAML	1409	49.39											
PRMT	EZ	124	177	EP	1409	27.92 0.20											1.0
PRMT	EZ	124	177	IAML	1409	49.37											
AL01AHZ		127	332	EP	1409	27.56-0.72											1.0
AL01AHN		127	332	ES	1409	46.52 0.39											1.0
AL01AHZ		127	332	IAML	1409	50.38											
RZM	EZ	127	332	EP	1409	27.72-0.56											1.0
RZM	EN	127	332	ES	1409	46.50 0.37											1.0
RZM	EZ	127	332	IAML	1409	47.70											
LSK	HZ	135	168	EP	1409	29.86 0.18											1.0
LSK	HN	135	168	ES	1409	49.13 0.48											1.0
LSK	HZ	135	168	IAML	1409	56.33											
AL06AHZ		146	197	EP	1409	32.12 0.76											1.0
AL06AHN		146	197	ES	1409	52.09 0.40											1.0
AL06AHZ		146	197	IAML	1409	54.72											
PDG	HZ	147	326	EP	1409	31.26-0.34											1.0
PENT	HZ	147	150	EP	1409	31.18-0.45											1.0
PDG	HN	147	326	ES	1409	52.54 0.40											1.0
PDG	HZ	147	326	IAML	1409	55.85											

**March 10 2025 Hour: 5:32 45.8 Lat: 42.96N Lon: 18.68E D: 2.4 Ag: TIR Rms: 0.4 secs**

**Magnitudes: 2.6ML TIR**

**103 km NW of Koplik**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NKME	HZ	31	134	EP		0532	51.76	0.44							1.0
NKME	HN	31	134	ES		0532	56.19	0.38							1.0
ME02AHZ		42	59	EP		0532	53.56	0.26							1.0
ME02AHN		42	59	ES		0532	59.74	0.34							1.0
ME02AHZ		42	59	IAML		0533	01.72								
ME05AHZ		57	194	EP		0532	56.19	0.15							1.0
ME05AHN		57	194	ES		0533	04.46	0.12							1.0
ME05AHZ		57	194	IAML		0533	08.49								
PDG	HZ	76	141	EP		0532	58.43-0.87								
PDG	HN	76	141	ES		0533	10.41	0.15							1.0
PDG	HZ	76	141	IAML		0533	13.53								
RZM	EZ	99	134	EP		0533	03.03-0.36								1.0
AL01AHZ		99	134	EP		0533	03.03-0.36								1.0
AL01AHN		99	134	ES		0533	17.13-0.52								1.0

AL01AHZ	99	134	IAML	0533	18.75		79	0.2	
ME01AHZ	99	97	EP	0533	03.53	0.10			1.0
SJES BZ	110	72	EP	0533	05.39	-0.10			1.0
SJES BN	110	72	ES	0533	21.50	0.04			1.0
PVY HZ	112	111	EP	0533	05.91	0.10			1.0
PVY HN	112	111	ES	0533	21.75	-0.29			1.0
PVY HZ	112	111	IAML	0533	23.61		153	1.0	
SDA HZ	121	146	EP	0533	07.32	0.04			1.0
SDA HN	121	146	ES	0533	25.11	0.42			1.0
SDA HZ	121	146	IAML	0533	34.93		26	0.3	
BCI HZ	131	120	EP	0533	08.94	-0.03			1.0
BCI HE	131	120	ES	0533	28.12	0.37			1.0
BCI HZ	131	120	IAML	0533	30.02		101	0.5	
PUK HZ	142	135	EP	0533	10.51	-0.33			1.0
PUK HE	142	135	ES	0533	31.58	0.44			1.0
PUK HZ	142	135	IAML	0533	36.04		43	0.4	
LACI HZ	170	149	EP	0533	15.38	-0.00			0.9
LACI HE	170	149	ES	0533	38.83	-0.53			0.9
LACI HZ	170	149	IAML	0533	42.17		26	0.6	
AL03AHZ	186	144	EP	0533	17.75	-0.25			0.9
AL03AHN	186	144	ES	0533	43.96	-0.14			0.9
AL03AHZ	186	144	IAML	0533	52.99		35	0.4	
BURR EZ	186	144	EP	0533	17.98	-0.02			0.9
BURR EZ	186	144	IAML	0533	52.99		20	0.4	
DRSH EZ	199	159	EP	0533	20.35	0.74			0.9
PHP HZ	203	134	EP	0533	20.63	0.47			0.9
PHP HZ	203	134	IAML	0533	56.33		23	0.5	
GMRK HZ	210	98	EP	0533	21.08	-0.09			0.9
AL04AHZ	229	161	EP	0533	23.70	0.26			0.9
FUST EZ	230	141	EP	0533	24.44	0.68			0.9
BLY HZ	232	329	EP	0533	24.07	0.17			0.9
BARS BZ	256	93	EP	0533	25.76	-1.25			0.9
NOCI HZ	276	210	EP	0533	29.44	-0.08			0.8
SGRT HZ	277	242	EP	0533	29.41	-0.25			0.8
BOSS SZ	314	98	EP	0533	33.96	-0.44			0.8
NEST HZ	345	144	EP	0533	38.13	-0.26			0.8
PENT HZ	369	145	EP	0533	41.85	0.32			0.8

**March 10 2025 Hour: 13:14 42.7 Lat: 38.93N Lon: 20.74E D: 16.9 Ag: TIR Local Magnitudes: 2.0ML TIR Rms: 0.9 secs  
94 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	17	204	EP		1314	46.87	-0.05							1.0
LKD2	HN	17	204	ES		1314	50.26	-0.09							1.0
IGT	HZ	76	333	EP		1314	54.81	-1.26							1.0
IGT	HN	76	333	ES		1315	06.59	-0.34							1.0
IGT	HZ	76	333	IAML		1315	07.99			20	0.8				
JAN	HZ	81	7	EP		1314	55.63	-1.42							1.0
VLS	HZ	84	189	EP		1314	57.92	0.40							1.0
VLS	HE	84	189	ES		1315	09.59	0.05							1.0
KEK	HZ	119	317	EP		1315	03.79	0.53							1.0
KEK	HE	119	317	ES		1315	21.17	1.24							1.0
KEK	HZ	119	317	IAML		1315	21.17			35	1.3				
THL	HZ	131	57	EP		1315	06.78	1.55							1.0
LSK	HZ	136	355	EP		1315	05.88	-0.28							1.0
LSK	HN	136	355	ES		1315	26.77	1.58							1.0
LSK	HZ	136	355	IAML		1315	35.01			11	1.0				
PENT	HZ	145	14	EP		1315	06.13	-1.42							1.0
PRMT	EZ	148	347	EP		1315	07.99	-0.01							1.0
AL06AHZ		154	327	EP		1315	08.89	-0.01							1.0
AL06AHE		154	327	ES		1315	29.68	-0.47							1.0
NEST	HZ	167	9	EP		1315	10.90	0.06							0.9
NEST	HZ	167	9	IAML		1316	16.36			9	1.0				

**March 10 2025 Hour: 16:52 5.2 Lat: 40.05N Lon: 19.91E D: 4.0 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR 2.7MW TIR Rms: 0.5 secs**  
**15 km E of Himare**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL06AHZ		14	288	EP	C	1652	07.47	-0.28							1.0
AL06AHE		14	288	ES		1652	09.68	-0.15							1.0
AL06AHZ		14	288	IAML		1652	09.76			2403	0.2				
SRN	HZ	20	158	EP	D	1652	09.10	0.20							1.0
SRN	HE	20	158	ES		1652	12.22	0.32							1.0
SRN	HZ	20	158	IAML		1652	14.21			459	0.5				
PLSA	EZ	28	298	EP	D	1652	09.73	-0.46							1.0
PLSA	EN	28	298	ES		1652	16.46	2.23							1.0
PLSA	EZ	28	298	IAML		1652	19.56			407	0.2				
TPE	HZ	29	18	EP	D	1652	10.05	-0.31							1.0
TPE	HN	29	18	ES		1652	14.36	-0.18							1.0
TPE	HZ	29	18	IAML		1652	16.40			181	0.2				
KEK	HZ	39	194	EP	C	1652	11.72	-0.41							1.0
KEK	HN	39	194	ES		1652	17.66	-0.09							1.0
KEK	HZ	39	194	IAML		1652	28.38			161	0.5				
PRMT	EZ	43	62	EP		1652	12.26	-0.56							1.0
PRMT	EN	43	62	ES		1652	19.20	0.20							1.0
PRMT	EZ	43	62	IAML		1652	20.24			65	0.2				
VLO2	EZ	54	329	EP		1652	14.64	-0.21							1.0
VLO2	EN	54	329	ES		1652	22.23	-0.45							1.0
VLO2	EZ	54	329	IAML		1652	30.85			115	0.6				
VLO	HZ	58	323	EP		1652	15.66	0.01							1.0
VLO	HN	58	323	ES		1652	23.36	-0.75							1.0
LSK	HZ	60	79	EP		1652	15.51	-0.38							1.0
LSK	HN	60	79	ES		1652	24.83	0.27							1.0
LSK	HZ	60	79	IAML		1652	28.03			61	0.6				
IGT	HZ	68	148	EP	C	1652	17.27	-0.07							1.0
IGT	HN	68	148	ES		1652	27.30	0.13							1.0
IGT	HZ	68	148	IAML		1652	31.97			73	0.3				
BERA	HZ	73	2	EP		1652	17.85	-0.43							1.0
BERA	HE	73	2	ES		1652	29.29	0.41							1.0
BERA	HZ	73	2	IAML		1652	34.20			66	0.4				
MOGL	EZ	84	29	EP		1652	20.31	0.19							1.0
KBN	HZ	98	49	EP		1652	23.03	0.31							1.0
BELS	EZ	102	0	EP		1652	23.73	0.32							1.0
NEST	HZ	105	67	EP		1652	23.80	-0.11							1.0
NEST	HZ	105	67	IAML		1652	47.21			21	0.4				
PENT	HZ	106	81	EP		1652	23.72	-0.35							1.0
PENT	HN	106	81	ES		1652	39.69	0.34							1.0
SCTE	HZ	123	272	EP		1652	26.61	-0.27							1.0
FUST	EZ	147	16	EP		1652	31.41	0.41							1.0
LKD2	HZ	154	155	EP		1652	32.19	0.14							1.0
LKD2	HN	154	155	ES		1652	53.63	-0.18							1.0
KZN	HZ	161	79	EP		1652	33.51	0.28							0.9
LACI	HZ	177	355	EP		1652	35.60	-0.24							0.9
PHP	HZ	187	14	EP		1652	37.62	0.28							0.9
THL	HZ	188	106	EP		1652	37.36	-0.05							0.9
VLS	HZ	216	164	EP		1652	41.04	0.01							0.9
PUK	HZ	221	360	EP		1652	42.05	0.27							0.9
PUK	HZ	221	360	IAML		1653	23.07			5	1.5				
NOCI	HZ	255	290	EP		1652	46.01	-0.04							0.9
RZM	EZ	257	353	EP		1652	46.16	-0.20							0.9
AL01AHZ		257	353	EP		1652	46.24	-0.12							0.9

**March 10 2025 Hour: 18:11 41.7 Lat: 39.49N Lon: 20.34E D: 0.4 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR**  
**23 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	5	349	EP		1811	41.89	-0.79							1.0
IGT	HN	5	349	ES		1811	42.87	-0.59							1.0
IGT	HZ	5	349	IAML		1811	43.44			3706	0.2				
JAN	HZ	48	66	EP		1811	49.99	-0.21							1.0
JAN	HN	48	66	ES		1811	57.39	0.31							1.0
SRN	HZ	53	326	EP		1811	51.51	0.37							1.0
SRN	HE	53	326	ES		1811	58.89	0.10							1.0
SRN	HZ	53	326	IAML		1812	06.70			60	0.6				
KEK	HZ	53	299	EP		1811	51.02	-0.20							1.0
KEK	HN	53	299	ES		1811	59.36	0.44							1.0
KEK	HZ	53	299	IAML		1812	04.17			109	0.6				
LSK	HZ	77	16	EP		1811	55.17	-0.29							1.0
LSK	HN	77	16	ES		1812	07.32	0.72							1.0
LSK	HZ	77	16	IAML		1812	17.89			46	0.6				
LKD2	HZ	82	161	EP		1811	55.04	-1.29							1.0
LKD2	HN	82	161	ES		1812	09.63	1.46							1.0
PRMT	EZ	83	0	EP		1811	55.84	-0.62							1.0
PRMT	EN	83	0	ES		1812	07.83	-0.57							1.0
PRMT	EZ	83	0	IAML		1812	10.16			13	1.0				
AL06AHZ		84	323	EP		1811	56.45	-0.21							1.0
AL06AHN		84	323	ES		1812	09.10	0.32							1.0
TPE	HZ	94	343	EP		1811	58.58	0.05							1.0
PLSA	EZ	98	321	EP		1811	59.36	0.23							1.0
PLSA	EN	98	321	ES		1812	13.82	0.58							1.0
PENT	HZ	104	40	EP		1811	59.99	-0.32							1.0
PENT	HE	104	40	ES		1812	16.21	0.82							1.0
NEST	HZ	120	30	EP		1812	03.00	-0.05							1.0
NEST	HZ	120	30	IAML		1812	30.66			15	0.6				
AL05AHZ		136	2	EP		1812	05.49	-0.24							1.0
MOGL	EZ	136	2	EP		1812	05.97	0.25							1.0
BERA	HZ	140	346	EP		1812	06.61	0.16							1.0
BERA	HZ	140	346	IAML		1812	38.02			16	0.9				
THL	HZ	144	86	EP		1812	07.12	0.04							1.0
VLS	HZ	147	172	EP		1812	07.41	-0.16							1.0
VLS	HN	147	172	ES		1812	28.24	-0.28							1.0
KZN	HZ	152	53	EP		1812	08.32	-0.23							1.0
BELS	EZ	169	348	EP		1812	11.43	0.15							0.9

**March 10 2025 Hour: 21:17 48.9 Lat: 38.73N Lon: 20.57E D: 3.3 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR**  
**108 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	10	48	EP		2117	51.02	0.21							1.0
LKD2	HN	10	48	ES		2117	52.42	0.06							1.0
VLS	HZ	61	179	EP		2117	59.56	-0.29							1.0
VLS	HN	61	179	ES		2118	08.47	-0.25							1.0
IGT	HZ	92	347	EP		2118	04.92	-0.37							1.0
IGT	HN	92	347	ES		2118	18.77	0.21							1.0
IGT	HZ	92	347	IAML		2118	21.97			19	0.5				
KEK	HZ	128	329	EP		2118	11.47	-0.02							1.0
KEK	HN	128	329	ES		2118	29.89	0.12							1.0
KEK	HZ	128	329	IAML		2118	36.77			21	0.9				
SRN	HZ	137	339	EP		2118	13.27	0.31							1.0
THL	HZ	155	53	EP		2118	15.86	-0.16							1.0
THL	HE	155	53	ES		2118	38.16	0.18							1.0
LSK	HZ	158	1	EP		2118	16.72	0.24							0.9
LSK	HZ	158	1	IAML		2118	44.17			15	2.3				
AL06AHZ		167	335	EP		2118	18.13	0.25							0.9
PRMT	EZ	168	354	EP		2118	18.26	0.18							0.9

PRMT	EN	168	354	ES	2118	41.01-0.69		0.9
PENT	HZ	170	16	EP	2118	18.65 0.13		0.9
PENT	HE	170	16	ES	2118	41.71-0.80		0.9
NEST	HZ	192	12	EP	2118	22.26 0.45		0.9
NEST	HZ	192	12	IAML	2118	56.09	4 0.5	
ITM	HZ	209	145	EP	2118	24.27 0.32		0.9

**March 11 2025 Hour: 1:37 12.8 Lat: 40.57N Lon: 20.61E D: 5.0 Ag: TIR Local  
Magnitudes: 2.2ML TIR 2.6MW TIR Rms: 0.4 secs  
15 km W of Korce**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	16	69	EP		0137	16.64	0.76							1.0
KBN	HN	16	69	ES		0137	19.24	0.90							1.0
KBN	HZ	16	69	IAML		0137	20.66			403	0.1				
MOGL	EZ	24	309	EP		0137	17.44	0.26							1.0
MOGL	EZ	24	309	IAML		0137	23.55			304	0.2				
AL05AHN		24	309	ES		0137	21.05	0.35							1.0
AL05AHZ		24	309	IAML		0137	23.49			595	0.2				
MOGL	EN	24	309	ES		0137	20.90	0.19							1.0
AL05AHZ		24	309	EP		0137	17.45	0.27							1.0
AL07AHZ		37	9	EP		0137	19.62	0.13							1.0
AL07AHN		37	9	ES		0137	25.13	0.25							1.0
AL07AHZ		37	9	IAML		0137	28.77			265	0.5				
NEST	HZ	41	115	EP		0137	20.46	0.21							1.0
NEST	HN	41	115	ES		0137	26.26	0.01							1.0
NEST	HZ	41	115	IAML		0137	28.82			113	0.3				
PRMT	EZ	44	210	EP		0137	20.32-0.44								1.0
PRMT	EN	44	210	ES		0137	27.00-0.18								1.0
PRMT	EZ	44	210	IAML		0137	28.86			143	0.3				
LSK	HZ	47	181	EP		0137	21.22-0.07								1.0
LSK	HN	47	181	ES		0137	28.30	0.17							1.0
LSK	HZ	47	181	IAML		0137	30.48			92	0.2				
BERA	HZ	58	285	EP		0137	22.93-0.35								1.0
BERA	HN	58	285	ES		0137	31.56-0.19								1.0
BERA	HZ	58	285	IAML		0137	32.92			79	0.2				
TPE	HZ	59	239	EP		0137	22.53-0.92								1.0
TPE	HZ	59	239	IAML		0137	34.72			42	0.2				
PENT	HZ	61	133	EP		0137	23.31-0.52								1.0
PENT	HN	61	133	ES		0137	32.36-0.38								1.0
AL08AHZ		73	324	EP		0137	25.00-0.92								1.0
AL08AHN		73	324	ES		0137	36.23-0.28								1.0
AL08AHZ		73	324	IAML		0137	37.87			101	0.3				
BELS	EZ	74	307	EP		0137	25.54-0.49								1.0
BELS	EN	74	307	ES		0137	36.42-0.30								1.0
FUST	EZ	86	348	EP		0137	27.98-0.17								1.0
FUST	EN	86	348	ES		0137	40.50-0.05								1.0
VLO2	EZ	88	263	EP		0137	28.33-0.16								1.0
VLO2	EZ	88	263	IAML		0137	44.85			27	0.2				
AL06AHZ		90	234	EP		0137	28.92-0.05								1.0
AL06AHN		90	234	ES		0137	42.11	0.07							1.0
AL06AHZ		90	234	IAML		0137	44.39			35	0.6				
SRN	HZ	93	214	EP		0137	29.24-0.15								1.0
SRN	HN	93	214	ES		0137	42.83	0.03							1.0
SRN	HZ	93	214	IAML		0137	44.25			13	0.3				
PLSA	EZ	95	242	EP		0137	30.58	0.76							1.0
PLSA	EZ	95	242	IAML		0137	46.34			13	0.6				
VLO	HZ	95	263	EP		0137	30.30	0.50							1.0
VLO	HN	95	263	ES		0137	44.25	0.71							1.0
VLO	HZ	95	263	IAML		0137	48.61			50	0.1				
PLSA	EN	95	242	ES		0137	44.19	0.62							1.0
KZN	HZ	103	106	EP		0137	30.76-0.35								1.0
KZN	HN	103	106	ES		0137	45.84-0.07								1.0
IGT	HZ	118	192	EP		0137	33.84	0.25							1.0
IGT	HN	118	192	ES		0137	50.88	0.48							1.0

IGT	HZ	118	192	IAML	0137	53.27		14	0.5		
AL03AHZ	HZ	125	336	EP	0137	35.10	0.29				1.0
AL03AHZ	HZ	125	336	IAML	0137	58.67		14	0.3		
LACI	HZ	140	328	EP	0137	37.25	-0.01				1.0
LACI	HZ	140	328	IAML	0138	01.88		8	0.3		
THL	HZ	164	133	EP	0137	40.58	-0.66				0.9
PUK	HZ	174	340	IP	0137	43.13	0.14				0.9
PUK	HZ	174	340	IAML	0138	10.31		7	0.4		
SDA	HZ	189	331	EP	0137	44.62	-0.38				0.9
SDA	HN	189	331	ES	0138	10.64	-0.41				0.9
SDA	HZ	189	331	IAML	0138	22.58		45	1.5		

**March 11 2025 Hour: 1:40 29.1 Lat: 40.57N Lon: 20.61E D: 13.0 Ag: TIR Local  
Magnitudes: 3.3ML TIR 3.6MW TIR Rms: 0.5 secs**

**15 km W of Korce**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	16	69	EP	C	0140	33.32	0.47							1.0
KBN	HN	16	69	ES		0140	36.34	0.46							1.0
KBN	HZ	16	69	IAML		0140	36.85		5851	0.3					
AL05AHZ		24	309	EP	C	0140	34.03	0.09							1.0
AL05AHN		24	309	ES		0140	37.98	0.12							1.0
AL05AHZ		24	309	IAML		0140	40.19		8215	0.2					
MOGL	EZ	24	309	EP	C	0140	34.01	0.07							1.0
MOGL	EN	24	309	ES		0140	38.21	0.36							1.0
MOGL	EZ	24	309	IAML		0140	40.44		5084	0.3					
AL07AHZ		37	9	EP	D	0140	36.49	0.43							1.0
AL07AHN		37	9	ES		0140	41.59	-0.10							1.0
NEST	HZ	41	115	EP	C	0140	36.99	0.25							1.0
NEST	HE	41	115	ES		0140	42.99	0.07							1.0
NEST	HZ	41	115	IAML		0140	46.22		1728	0.3					
PRMT	EZ	44	210	EP	C	0140	36.44	-0.72							1.0
PRMT	EE	44	210	ES		0140	43.32	-0.37							1.0
PRMT	EZ	44	210	IAML		0140	45.62		841	0.1					
LSK	HZ	47	181	EP		0140	37.47	-0.21							1.0
LSK	HN	47	181	ES		0140	44.15	-0.48							1.0
LSK	HZ	47	181	IAML		0140	51.34		1981	0.9					
BERA	HZ	58	285	EP	C	0140	38.51	-1.04							1.0
BERA	HN	58	285	ES		0140	47.88	-0.14							1.0
BERA	HZ	58	285	IAML		0140	48.91		1384	0.6					
TPE	HZ	59	239	EP		0140	39.03	-0.65							1.0
TPE	HN	59	239	ES		0140	48.52	0.27							1.0
TPE	HZ	59	239	IAML		0140	56.34		1091	0.5					
PENT	HZ	61	133	EP	C	0140	39.87	-0.21							1.0
PENT	HE	61	133	ES		0140	48.83	-0.15							1.0
AL08AHZ		73	324	EP		0140	41.35	-0.68							1.0
AL08AHN		73	324	ES		0140	52.40	-0.10							1.0
AL08AHZ		73	324	IAML		0140	54.49		996	0.2					
BELS	EZ	74	307	EP	C	0140	41.14	-0.99							1.0
BELS	EN	74	307	ES		0140	52.47	-0.21							1.0
BELS	EZ	74	307	IAML		0140	58.95		287	1.1					
FUST	EZ	86	348	EP		0140	44.07	-0.10							1.0
FUST	EE	86	348	ES		0140	56.52	0.15							1.0
VLO2	EZ	87	263	EP		0140	44.25	-0.15							1.0
VLO2	EZ	87	263	IAML		0141	04.15		427	0.4					
AL06AHZ		90	234	EP		0140	45.27	0.44							1.0
AL06AHE		90	234	ES		0140	58.14	0.56							1.0
AL06AHZ		90	234	IAML		0141	01.24		495	0.5					
SRN	HZ	93	214	EP	C	0140	45.73	0.48							1.0
SRN	HN	93	214	ES		0140	58.63	0.30							1.0
SRN	HZ	93	214	IAML		0141	00.99		183	0.4					
PLSA	EZ	95	242	EP		0140	46.21	0.53							1.0
PLSA	EZ	95	242	IAML		0141	02.90		231	0.3					
VLO	HZ	95	264	EP		0140	46.23	0.55							1.0
VLO	HZ	95	264	IAML		0141	03.89		869	0.6					

KZN	HZ	103	106	EP	C	0140	46.79-0.20								1.0
TIR	HZ	107	324	EP		0140	47.69	0.08							1.0
TIR	HZ	107	324	IAML		0141	09.67		135	0.4					1.0
IGT	HZ	118	192	EP		0140	50.06	0.61							1.0
IGT	HN	118	192	ES		0141	06.44	0.51							1.0
IGT	HZ	118	192	IAML		0141	11.87		164	0.2					1.0
AL03AHZ		125	336	EP		0140	50.27	-0.45							1.0
PHP	HZ	125	353	EP		0140	50.79	0.18							1.0
AL03AHZ		125	336	IAML		0141	18.65		310	0.4					1.0
PHP	HZ	125	353	IAML		0141	19.19		177	0.4					1.0
AL03AHN		125	336	ES		0141	08.35	0.12							1.0
LACI	HZ	140	328	EP		0140	52.39	-0.78							1.0
LACI	HZ	140	328	IAML		0141	19.08		151	0.8					1.0
THL	HZ	164	133	EP		0140	55.83	-1.25							0.9
PUK	HZ	174	340	EP		0140	59.16	0.60							0.9
PUK	HZ	174	340	IAML		0141	26.51		108	0.8					0.9
SDA	HZ	189	331	EP		0141	01.05	0.73							0.9
SDA	HN	189	331	ES		0141	25.46	-0.15							0.9
AL01AHZ		216	336	EP		0141	04.79	0.81							0.9
AL01AHZ		216	336	IAML		0141	37.89		65	0.5					0.9

**March 12 2025 Hour: 13:59 54.9 Lat: 39.81N Lon: 20.74E D: 20.5 Ag: TIR Local  
Magnitudes: 2.0ML TIR 2.3MW TIR Rms: 0.3 secs**

**47 km SE of Libohove**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JAN	HZ	19	151	EP		1359	59.87	0.04							1.0
JAN	HN	19	151	ES		1400	03.68	-0.15							1.0
LSK	HZ	40	342	EP		1400	02.71	0.00							1.0
LSK	HE	40	342	ES		1400	08.90	-0.14							1.0
LSK	HZ	40	342	IAML		1400	14.49		49	0.6					1.0
IGT	HZ	47	229	EP		1400	03.68	-0.05							1.0
IGT	HN	47	229	ES		1400	11.02	0.14							1.0
IGT	HZ	47	229	IAML		1400	15.74		51	0.5					1.0
PENT	HZ	55	38	EP		1400	05.32	0.29							1.0
PENT	HE	55	38	ES		1400	13.40	0.16							1.0
PRMT	EZ	57	324	EP		1400	05.44	0.04							1.0
PRMT	EN	57	324	ES		1400	13.70	-0.22							1.0
PRMT	EZ	57	324	IAML		1400	15.84		20	0.2					1.0
SRN	HZ	64	277	EP		1400	06.65	0.18							1.0
SRN	HN	64	277	ES		1400	15.72	-0.12							1.0
SRN	HZ	64	277	IAML		1400	17.51		47	1.0					1.0
NEST	HZ	72	21	EP		1400	08.21	0.36							1.0
NEST	HE	72	21	ES		1400	18.48	0.13							1.0
KEK	HZ	82	263	EP		1400	09.00	-0.36							1.0
KEK	HN	82	263	ES		1400	20.89	-0.19							1.0
KEK	HZ	82	263	IAML		1400	24.03		27	0.7					1.0
THL	HZ	112	104	EP		1400	14.04	-0.33							1.0
THL	HE	112	104	ES		1400	29.55	-0.60							1.0
LKD2	HZ	114	184	EP		1400	15.28	0.70							1.0
LKD2	HE	114	184	ES		1400	30.68	0.14							1.0

**March 12 2025 Hour: 19: 6 58.6 Lat: 41.89N Lon: 20.14E D: 18.7 Ag: TIR Local  
Magnitudes: 2.0ML TIR 2.4MW TIR Rms: 0.3 secs**

**21 km SE of Fushe-Arrez**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	27	309	EP		1907	04.35	-0.01							1.0
PUK	HE	27	309	ES		1907	09.21	0.21							1.0
PUK	HZ	27	309	IAML		1907	11.02		113	0.1					1.0
PHP	HZ	34	133	EP		1907	05.03	-0.37							1.0
PHP	HN	34	133	ES		1907	10.32	-0.57							1.0
PHP	HZ	34	133	IAML		1907	10.89		142	0.3					1.0
BURR	EZ	34	199	EP		1907	05.74	0.33							1.0
BURR	EN	34	199	ES		1907	11.09	0.19							1.0
BURR	EZ	34	199	IAML		1907	13.01		62	0.6					1.0

AL03AHZ	34	200	EP	1907	05.58	0.16										1.0
AL03AHN	34	200	ES	1907	11.25	0.33										1.0
AL03AHZ	34	200	IAML	1907	13.69		109	0.3								1.0
LACI HZ	45	231	EP	1907	07.82	0.73										1.0
LACI HN	45	231	ES	1907	14.47	0.52										1.0
LACI HZ	45	231	IAML	1907	16.27		40	0.6								1.0
BCI HZ	53	353	EP	1907	08.50	0.10										1.0
BCI HN	53	353	ES	1907	16.09	-0.22										1.0
BCI HZ	53	353	IAML	1907	19.06		47	0.6								1.0
FUST EZ	66	161	EP	1907	10.40	-0.21										1.0
FUST EN	66	161	ES	1907	20.23	-0.09										1.0
FUST EZ	66	161	IAML	1907	20.66		15	0.3								1.0
RZM EZ	70	316	EP	1907	11.20	-0.06										1.0
RZM EN	70	316	ES	1907	20.94	-0.55										1.0
RZM EZ	70	316	IAML	1907	22.67		29	0.2								1.0
AL01AHZ	70	316	EP	1907	11.05	-0.21										1.0
AL01AHN	70	316	ES	1907	21.02	-0.47										1.0
AL01AHZ	70	316	IAML	1907	22.63		53	0.2								1.0
PVY HZ	80	349	EP	1907	12.84	0.07										1.0
PVY HN	80	349	ES	1907	24.31	0.09										1.0
PEJK HZ	84	8	EP	1907	13.84	0.33										1.0
PEJK HN	84	8	ES	1907	26.06	0.50										1.0
PEJK HZ	84	8	IAML	1907	29.49		14	0.4								1.0
AL08AHZ	87	182	EP	1907	14.02	0.02										1.0
AL08AHN	87	182	ES	1907	25.81	-0.64										1.0
AL08AHZ	87	182	IAML	1907	30.72		29	0.5								1.0
PDG HZ	94	310	EP	1907	14.82	-0.28										1.0
PDG HN	94	310	ES	1907	28.56	0.12										1.0
PDG HZ	94	310	IAML	1907	33.38		22	0.5								1.0
BELS EZ	104	191	EP	1907	16.93	0.18										1.0
BELS EN	104	191	ES	1907	31.01	-0.42										1.0
ME01AHZ	108	349	EP	1907	17.48	0.01										1.0
ME01AHN	108	349	ES	1907	32.58	-0.15										1.0
ME01AHZ	108	349	IAML	1907	36.04		26	0.5								1.0
GMRK HZ	123	46	EP	1907	20.26	0.27										1.0
GMRK HN	123	46	ES	1907	37.51	0.22										1.0
GMRK HZ	123	46	IAML	1907	40.42		7	0.7								1.0
AL05AHZ	133	171	EP	1907	21.50	-0.05										1.0
AL05AHN	133	171	ES	1907	39.89	-0.23										1.0
AL05AHZ	133	171	IAML	1907	47.72		21	1.3								1.0
NKME HZ	138	315	EP	1907	22.16	-0.13										1.0
NKME HN	138	315	ES	1907	41.40	-0.06										1.0
NKME HZ	138	315	IAML	1907	45.43		11	0.2								1.0
SJES BZ	153	355	EP	1907	24.76	0.10										1.0
SJES BN	153	355	ES	1907	45.07	-0.68										1.0
ME02AHZ	163	330	EP	1907	26.22	0.03										0.9
ME02AHN	163	330	ES	1907	48.53	0.01										0.9
ME02AHZ	163	330	IAML	1907	53.68		10	0.8								0.9
BARS BZ	172	53	EP	1907	27.44	0.30										0.9
BARS BN	172	53	ES	1907	50.44	0.21										0.9
NEST HZ	181	155	EP	1907	28.74	0.38										0.9
NEST HN	181	155	ES	1907	52.49	0.05										0.9

**March 13 2025 Hour: 7:8 36.2 Lat: 39.78N Lon: 20.70E D: 10.7 Ag: TIR Local  
Magnitudes: 2.7ML TIR 3.1MW TIR Rms: 0.3 secs**

**46 km E of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	42	229	EP	D	0708	43.78	-0.11							1.0
IGT	HN	42	229	ES		0708	50.36	0.23							1.0
IGT	HZ	42	229	IAML		0708	54.81		619	0.7					
LSK	HZ	42	348	EP	D	0708	43.94	-0.01							1.0
LSK	HN	42	348	ES		0708	50.48	0.24							1.0
LSK	HZ	42	348	IAML		0708	56.05		510	0.5					
PRMT	EZ	58	329	EP		0708	46.06	-0.52							1.0



PRMT	EN	34	212	ES	0912	59.72-0.22			1.0
PRMT	EZ	34	212	IAML	0913	02.21	675	0.2	1.0
LSK	HZ	38	175	EP	D	0912	55.85 0.20		1.0
LSK	HN	38	175	ES		0913	01.07-0.12		1.0
LSK	HZ	38	175	IAML		0913	11.27	687	0.5
NEST	HZ	42	101	EP	C	0912	56.95 0.54		1.0
NEST	HN	42	101	ES		0913	02.24-0.33		1.0
NEST	HZ	42	101	IAML		0913	04.03	322	0.3
AL07AHZ		47	12	EP		0912	57.17-0.03		1.0
AL07AHN		47	12	ES		0913	04.04 0.05		1.0
AL07AHZ		47	12	IAML		0913	15.39	1098	0.4
TPE	HZ	51	245	EP		0912	57.84-0.16		1.0
TPE	HN	51	245	ES		0913	05.78 0.34		1.0
TPE	HZ	51	245	IAML		0913	09.00	303	0.9
BERA	HZ	58	295	EP		0912	58.31-0.82		1.0
PENT	HZ	59	123	EP	C	0912	59.28-0.10		1.0
PENT	HN	59	123	ES		0913	07.82-0.11		1.0
BELS	EZ	77	314	EP		0913	01.37-1.14		1.0
BELS	EE	77	314	ES		0913	13.32-0.29		1.0
BELS	EZ	77	314	IAML		0913	16.00	71	0.8
AL08AHZ		79	331	EP		0913	02.09-0.78		1.0
AL08AHN		79	331	ES		0913	14.09-0.17		1.0
AL08AHZ		79	331	IAML		0913	16.70	116	0.7
AL06AHZ		82	237	EP	D	0913	03.82 0.42		1.0
AL06AHN		82	237	ES		0913	15.21-0.01		1.0
AL06AHZ		82	237	IAML		0913	17.62	130	0.4
VLO2	EZ	83	269	EP		0913	03.55-0.05		1.0
SRN	HZ	83	215	EP		0913	03.78 0.15		1.0
SRN	HN	83	215	ES		0913	15.83 0.19		1.0
SRN	HZ	83	215	IAML		0913	17.76	93	0.6
BPA2	HZ	84	289	EP		0913	01.80-2.07		1.0
PLSA	EZ	87	246	EP		0913	04.86 0.41		1.0
PLSA	EZ	87	246	IAML		0913	22.38	71	0.3
VLO	HZ	90	269	EP		0913	05.01 0.03		1.0
VLO	HZ	90	269	IAML		0913	26.73	241	0.3
FUST	EZ	94	352	EP		0913	05.08-0.52		1.0
FUST	EN	94	352	ES		0913	18.13-1.07		1.0
JAN	HZ	96	165	EP		0913	05.01-0.88		1.0
JAN	HN	96	165	ES		0913	19.40-0.32		1.0
AL04AHZ		102	305	EP		0913	07.32 0.39		1.0
KZN	HZ	105	101	EP		0913	07.18-0.22		1.0
KZN	HE	105	101	ES		0913	22.55 0.10		1.0
IGT	HN	108	191	ES		0913	23.93 0.52		1.0
IGT	HZ	108	191	IAML		0913	28.02	94	0.5
KEK	HZ	108	217	IAML		0913	27.70	106	0.4
IGT	HZ	108	191	EP		0913	07.85-0.08		1.0
KEK	HZ	108	217	EP		0913	08.02 0.10		1.0
KEK	HN	108	217	ES		0913	23.78 0.38		1.0
TIR	HZ	112	329	EP		0913	08.46-0.11		1.0
AL03AHZ		132	339	EP		0913	11.96 0.02		1.0
AL03AHE		132	339	ES		0913	32.18 1.50		1.0
AL03AHZ		132	339	IAML		0913	46.71	85	1.3
BURR	EZ	132	339	EP		0913	11.85-0.09		1.0
BURR	EZ	132	339	IAML		0913	36.55	39	1.8
PHP	HZ	133	356	EP		0913	12.47 0.34		1.0
PHP	HZ	133	356	IAML		0913	32.29	36	0.3
LACI	HZ	146	331	EP		0913	14.09-0.12		1.0
LACI	HN	146	331	ES		0913	35.35 0.57		1.0
LACI	HZ	146	331	IAML		0913	37.16	37	0.4
THL	HZ	161	129	EP		0913	16.47-0.27		0.9
PUK	HZ	181	342	EP		0913	20.17 0.02		0.9
PUK	HZ	181	342	IAML		0913	54.97	24	0.6
LKD2	HZ	189	177	EP		0913	21.26 0.18		0.9
BCI	HZ	213	349	EP		0913	25.01 0.91		0.9







































KEK	HZ	137	331	IAML	2321	00.64	27	1.0	
SRN	HZ	146	340	EP	2320	30.78	0.06		1.0
SRN	HZ	146	340	IAML	2320	58.66	14	1.1	
THL	HZ	161	50	EP	2320	32.85	-0.18		0.9
THL	HE	161	50	ES	2320	55.36	0.10		0.9
LSK	HZ	167	0	EP	2320	34.27	0.17		0.9
LSK	HZ	167	0	IAML	2321	10.24	15	2.0	
AL06AHZ		176	336	EP	2320	35.12	0.05		0.9
PRMT	EZ	177	354	EP	2320	35.58	0.29		0.9
PRMT	EZ	177	354	IAML	2321	08.27	5	0.5	
PENT	HZ	179	15	EP	2320	36.10	0.50		0.9
PLSA	EZ	188	334	EP	2320	37.21	0.50		0.9
TPE	HZ	190	345	EP	2320	37.21	0.31		0.9
TPE	HZ	190	345	IAML	2321	11.94	16	1.3	
ITM	HZ	201	144	EP	2320	38.72	0.44		0.9
NEST	HZ	201	11	EP	2320	39.18	0.78		0.9
KZN	HZ	211	29	EP	2320	40.36	0.66		0.9
VLO2	EZ	220	337	EP	2320	41.47	0.71		0.9
KBN	HZ	221	4	EP	2320	41.40	0.48		0.9
MOGL	EZ	230	356	EP	2320	42.32	0.29		0.9
AL05AHZ		230	356	EP	2320	42.32	0.29		0.9
BERA	HZ	236	347	EP	2320	42.36	-0.43		0.9
SCTE	HZ	242	312	EP	2320	43.71	0.17		0.9
AL08AHZ		277	352	EP	2320	48.02	0.01		0.8
PLG	HZ	312	51	EP	2320	51.94	-0.67		0.8
LACI	HZ	341	348	EP	2320	54.67	-1.53		0.8
PUK	HZ	382	351	EP	2321	00.50	-1.13		0.8
SDA	HZ	390	347	EP	2321	00.76	-1.70		0.7
RZM	EZ	421	348	EP	2321	05.30	-1.29		0.7
AL01AHZ		421	348	EP	2321	05.36	-1.23		0.7
ME02AHZ		516	347	EP	2321	17.08	-1.76		0.6