

ISSN: 2664-410X

Seismological Bulletin

of the

Institute of GeoSciences(IGEO)

April

2024

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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).

Representative M_L 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_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.

The bulletin working group is composed of supervising staff:

Prof. Asoc. Edmond Dushi (researcher), MSc. Damiano Koxhaj (researcher), MSc. Klajdi Qoshi (researcher) and the Analysts: Eng. Ardian Minarolli, MSc. Irena Dushi, MSc. Anila Subashi, MSc. Olgert Gjuzi and MSc. Dionald Mucaj. Link to the web bulletine working group

https://www.geo.edu.al/Services/Department_of_Seismology/Bulletin_working_group

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	Shkempi 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 ($0.5 * (\text{peak to peak})$), (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>.

April 1 2024 Hour: 8:46 7.7 Lat: 40.61N Lon: 20.98E D: 13.0 Ag: TIR Local
 Magnitudes: 2.5ML TIR 2.7MW TIR Rms: 0.4 secs
 0 km S of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GE03	EZ			IP	A	0846	7.160								
KBN	HZ	17	276	EP	C	0846	1.634	0.14							1.0
KBN	HN	17	276	ES		0846	4.073	-0.51							1.0
KBN	HZ	17	276	IAML		0846	5.245			399	0.2				
NEST	HZ	22	165	EP		0846	2.848	0.52							1.0
NEST	HN	22	165	ES		0846	6.150	0.06							1.0
NEST	HZ	22	165	IAML		0846	6.605			4034	0.1				
AL05AHE		51	282	ES		0846	4.100	-0.35							1.0
MOGL	EN	51	282	ES		0846	4.126	-0.33							1.0
MOGL	EZ	51	282	IAML		0846	4.953			221	0.2				
AL05AHZ		51	282	EP		0846	6.759	-0.19							1.0
MOGL	EZ	51	282	EP		0846	6.755	-0.20							1.0
KZN	HZ	75	116	EP		0846	1.542	0.60							1.0
KZN	HN	75	116	ES		0846	1.698	0.03							1.0
BERA	HZ	88	277	EP		0846	2.777	-0.28							1.0
BERA	HE	88	277	ES		0846	5.528	0.02							1.0
BERA	HZ	88	277	IAML		0846	6.873			70	0.2				
TPE	HZ	89	247	EP		0846	2.511	-0.74							1.0
TPE	HN	89	247	ES		0846	6.127	0.28							1.0
TPE	HZ	89	247	IAML		0846	8.713			75	0.5				
AL08AHZ		92	307	EP		0846	3.849	0.03							1.0
AL08AHE		92	307	ES		0846	7.260	0.37							1.0
SRN	HZ	116	226	EP		0846	7.899	0.14							1.0
SRN	HE	116	226	ES		0846	4.227	0.22							1.0
SRN	HZ	116	226	IAML		0846	0.152			14	0.4				
AL06AHZ		119	241	EP		0846	7.402	-0.81							1.0
AL06AHE		119	241	ES		0846	5.379	0.54							1.0
BURR	EZ	138	324	EP		0846	1.698	0.35							1.0
BURR	EN	138	324	ES		0846	0.707	0.20							1.0
BURR	EZ	138	324	IAML		0846	3.620			26	0.4				
AL03AHZ		138	324	EP		0846	1.855	0.50							1.0
AL03AHN		138	324	ES		0846	0.565	0.04							1.0
KEK	HZ	141	226	EP		0846	1.872	-0.12							1.0
KEK	HE	141	226	ES		0846	2.098	0.42							1.0
KEK	HZ	141	226	IAML		0846	4.332			44	0.5				
THL	HZ	145	142	EP		0846	2.198	-0.46							1.0
THL	HN	145	142	ES		0846	2.577	-0.30							1.0
LACI	HZ	156	318	EP		0846	3.933	-0.46							1.0
LACI	HE	156	318	ES		0846	6.776	0.75							1.0
LACI	HZ	156	318	IAML		0847	1.201			36	1.1				
KKS	HZ	170	344	EP		0846	6.065	-0.47							0.9
PUK	HZ	184	331	EP		0846	8.188	-0.17							0.9
PUK	HZ	184	331	IAML		0847	2.211			4	0.6				
LKD2	HZ	204	188	EP		0846	1.585	0.69							0.9
PLG	HZ	210	96	EP		0846	1.573	-0.18							0.9
RZM	EZ	234	326	EP		0846	5.026	0.17							0.9
BOSS	SZ	244	30	EP		0846	5.990	-0.04							0.9
BARS	BZ	255	16	EP		0846	7.309	-0.14							0.9
VLS	HZ	272	187	EP		0846	9.284	-0.33							0.9

April 4 2024 Hour: 1:22 25.5 Lat: 39.61N Lon: 19.33E D: 18.7 Ag: TIR Local
 Magnitudes: 2.9ML TIR 3.2MW TIR Rms: 0.5 secs
 64 km SW of Sarande

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GE03	EZ			IP	A	0102	7.320								
KEK	HZ	42	74	EP	C	0102	3.236	-0.16							1.0
KEK	HE	42	74	ES		0102	9.774	-0.06							1.0
KEK	HZ	42	74	IAML		0102	2.013			473	0.4				
AL06AHZ		65	34	EP	C	0102	6.908	-0.18							1.0

AL06AHN	65	34	ES		0102	6.421-0.09			1.0
SRN HZ	65	62	EP	C	0102	6.779-0.31			1.0
SRN HN	65	62	ES		0102	6.500-0.02			1.0
PLSA EZ	67	22	EP	C	0102	7.521 0.07			1.0
PLSA EN	67	22	ES		0102	6.353-0.82			1.0
PLSA EZ	67	22	IAML		0102	5.161	216	0.7	
SCTE HZ	90	305	EP	C	0102	0.736-0.54			1.0
SCTE HN	90	305	ES		0102	4.154 0.05			1.0
TPE HZ	96	37	EP		0102	2.647 0.38			1.0
TPE HN	96	37	ES		0102	5.876-0.01			1.0
TPE HZ	96	37	IAML		0102	7.075	156	0.7	
VLO HZ	97	8	EP		0102	3.036 0.69			1.0
VLO HN	97	8	ES		0102	6.997 0.97			1.0
VLO HZ	97	8	IAML		0102	9.106	148	0.4	
LSK HZ	124	61	EP	D	0102	7.221 0.29			1.0
LSK HN	124	61	ES		0103	3.884-0.44			1.0
LSK HZ	124	61	IAML		0103	9.973	196	0.6	
BPA2 HZ	127	11	EP		0102	7.029-0.30			1.0
BERA HZ	133	23	EP	C	0102	8.308 0.11			1.0
BERA HN	133	23	ES		0103	6.362-0.26			1.0
BERA HZ	133	23	IAML		0103	7.208	165	0.7	
LKD2 HZ	146	128	EP		0102	0.836 0.45			1.0
LKD2 HN	146	128	ES		0103	0.149-0.44			1.0
MOGL EZ	152	36	EP	C	0102	1.954 0.70			1.0
AL05AHZ	152	36	EP	C	0102	1.731 0.47			1.0
AL05AHN	152	36	ES		0103	2.126-0.04			1.0
MOGL EZ	152	36	ES		0103	2.097-0.06			1.0
MOGL EZ	152	36	IAML		0103	4.260	65	0.4	
AL04AHZ	157	7	EP		0102	2.579 0.62			1.0
AL04AHE	157	7	ES		0103	3.338-0.09			1.0
BELS EZ	159	18	EP		0102	2.934 0.62			0.9
KBN HZ	168	47	EP		0102	3.971 0.50			0.9
KBN HN	168	47	ES		0103	5.996-0.16			0.9
NEST HZ	172	58	EP		0102	4.984 0.96			0.9
NEST HE	172	58	ES		0103	6.830-0.34			0.9
NEST HZ	172	58	IAML		0103	0.204	60	0.5	
AL08AHZ	179	21	EP		0102	4.921 0.11			0.9
AL08AHE	179	21	ES		0103	8.340-0.24			0.9
AL07AHZ	184	38	EP		0102	5.574 0.07			0.9
AL07AHN	184	38	ES		0103	0.439 0.60			0.9
DRSH EZ	187	5	IAML		0103	6.341	70	0.4	
VLS HZ	193	145	EP		0102	6.212-0.40			0.9
VLS HN	193	145	ES		0103	2.184 0.33			0.9
TIR HZ	198	13	EP		0102	7.089-0.24			0.9
TIR HE	198	13	ES		0103	3.227 0.07			0.9
TIR HZ	198	13	IAML		0103	0.090	25	0.4	
AL02AHZ	200	2	EP		0102	8.228 0.71			0.9
AL02AHN	200	2	ES		0103	3.543 0.06			0.9
KZN HZ	222	69	EP		0103	0.717 0.23			0.9
LACI HZ	228	8	EP		0102	9.919-1.14			0.9
LACI HN	228	8	ES		0103	9.969 0.06			0.9
LACI HZ	228	8	IAML		0103	4.243	29	0.6	
BURR EZ	229	14	EP		0103	0.777-0.45			0.9
BURR EZ	229	14	ES		0103	0.302 0.11			0.9
BURR EZ	229	14	IAML		0103	7.826	26	0.5	
AL03AHZ	229	14	EP		0103	0.362-0.86			0.9
AL03AHN	229	14	ES		0103	0.304 0.10			0.9
AL03AHZ	229	14	IAML	A	0103	3.854			
THL HZ	231	90	EP		0103	2.025 0.60			0.9
SDA HZ	272	3	EP		0103	6.599-0.09			0.9
PUK HZ	275	10	EP		0103	6.682-0.49			0.8
KKS HZ	288	18	EP		0103	8.512-0.36			0.8
BCI HZ	313	11	EP		0103	1.672-0.33			0.8
BCI HZ	313	11	IAML		0104	9.139	9	1.1	

PDG	HZ	313	359	IAML	0103	6.179			14	0.4				
PVY	HZ	336	9	EP	0103	4.550-0.54								0.8
ITM	HZ	352	139	EP	0103	7.109	0.05							0.8
NKME	HZ	352	355	EP	0103	7.345	0.22							0.8
PLG	HZ	361	75	EP	0103	7.329-0.93								0.8
ME02AHZ		394	358	EP	0103	1.786-0.84								0.7

April 5 2024 Hour: 14: 7 26.8 Lat: 39.68N Lon: 19.46E D: 8.7 Ag: TIR Local
Magnitudes: 2.5ML TIR 2.8MW TIR Rms: 0.4 secs
51 km SW of Sarande

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	52	64	EP		1407	5.517-0.68								1.0
SRN	HN	52	64	ES		1407	4.303	0.51							1.0
SRN	HZ	52	64	IAML		1407	8.740			45	0.4				
PLSA	EZ	56	15	EP		1407	6.299-0.68								1.0
PLSA	EN	56	15	ES		1407	5.541	0.32							1.0
PLSA	EZ	56	15	IAML		1407	8.992			138	0.1				
TPE	HZ	84	35	EP		1407	2.008	0.39							1.0
TPE	HN	84	35	ES		1407	3.703	0.09							1.0
TPE	HZ	84	35	IAML		1407	6.737			101	0.4				
VLO	HZ	88	2	EP		1407	2.145-0.20								1.0
VLO	HN	88	2	ES		1407	5.280	0.36							1.0
VLO	HZ	88	2	IAML		1407	9.382			54					
LSK	HZ	111	61	EP		1407	6.048-0.16								1.0
LSK	HN	111	61	ES		1408	1.575-0.35								1.0
LSK	HZ	111	61	IAML		1408	4.961			90	0.6				
BERA	HZ	121	20	EP		1407	7.902-0.01								1.0
BERA	HN	121	20	ES		1408	4.631-0.37								1.0
BERA	HZ	121	20	IAML		1408	7.669			50	0.5				
MOGL	EZ	139	35	EP		1407	1.106	0.20							1.0
MOGL	EN	139	35	ES		1408	0.235-0.19								1.0
BELS	EZ	149	15	EP		1407	2.690	0.20							1.0
BELS	EN	149	15	ES		1408	2.893-0.40								1.0
KBN	HZ	155	47	EP		1407	4.267	0.77							1.0
DRSH	EZ	178	2	EP		1407	7.303	0.10							0.9
PHP	HZ	238	20	EP		1408	5.162	0.23							0.9
PHP	HZ	238	20	IAML		1408	3.094			11	0.2				
PUK	HZ	265	8	EP		1408	8.385-0.07								0.9

April 7 2024 Hour: 22: 6 29.3 Lat: 40.01N Lon: 20.62E D: 27.2 Ag: TIR Local
Magnitudes: 2.6ML TIR 2.6MW TIR Rms: 0.4 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	354	EP		2206	4.581-0.24								1.0
LSK	HE	16	354	ES		2206	9.242-0.05								1.0
LSK	HZ	16	354	IAML		2206	0.572			835	0.6				
SRN	HZ	55	255	EP		2206	9.281-0.35								1.0
SRN	HN	55	255	ES		2206	7.838-0.16								1.0
SRN	HZ	55	255	IAML		2206	2.485			99	0.6				
NEST	HZ	58	39	EP		2206	0.317	0.00							1.0
NEST	HE	58	39	ES		2206	8.992-0.24								1.0
NEST	HZ	58	39	IAML		2206	1.357			95	0.4				
TPE	HZ	60	302	EP		2206	9.948-0.60								1.0
TPE	HE	60	302	ES		2206	9.963	0.31							1.0
TPE	HZ	60	302	IAML		2206	0.172			249	0.5				
KBN	HZ	70	12	EP		2206	1.617-0.46								1.0
KBN	HN	70	12	ES		2206	2.467	0.04							1.0
AL06AHZ		74	277	EP		2206	2.474-0.14								1.0
AL06AHE		74	277	ES		2206	3.443	0.05							1.0
KEK	HZ	77	245	EP		2206	2.792-0.35								1.0
KEK	HN	77	245	ES		2206	4.132-0.22								1.0
KEK	HZ	77	245	IAML		2206	9.694			174	0.7				
AL05AHZ		80	346	EP		2206	3.428-0.16								1.0
MOGL	EZ	80	346	EP		2206	3.534-0.05								1.0

PLSA	EZ	87	282	EP	2206	4.806	0.20											1.0
BERA	HZ	96	324	EP	2206	5.813	-0.23											1.0
BERA	HN	96	324	ES	2207	0.244	0.64											1.0
KZN	HZ	104	71	EP	2206	7.137	-0.22											1.0
VLO	HZ	108	299	EP	2206	8.250	0.25											1.0
VLO	HZ	108	299	IAML	2207	6.007				87	0.5							
BPA2	HZ	117	314	EP	2206	9.681	0.35											1.0
BELS	EZ	123	331	EP	2206	0.277	0.02											1.0
THL	HZ	129	112	EP	2206	2.171	0.87											1.0
AL08AHZ	130	341	EP	2206	1.215	-0.13												1.0
AL08AHN	130	341	ES	2207	0.213	1.01												1.0
LKD2	HZ	135	179	EP	2206	2.913	0.66											1.0
AL04AHZ	143	322	EP	2206	3.443	0.28												1.0
TIR	HZ	162	337	EP	2206	5.510	-0.14											0.9
TIR	HN	162	337	ES	2207	6.727	-0.26											0.9
TIR	HZ	162	337	IAML	2207	5.616				16	0.8							
DRSH	EZ	169	327	IAML	2207	5.412				23	0.6							
SCTE	HZ	184	273	EP	2206	8.477	0.06											0.9
AL03AHZ	185	344	EP	2206	8.814	0.24												0.9
PHP	HZ	187	356	EP	2206	9.219	0.30											0.9
PHP	HN	187	356	ES	2207	2.220	-0.68											0.9
PHP	HZ	187	356	IAML	2207	1.615				23	0.5							
LACI	HZ	196	338	EP	2207	0.014	-0.02											0.9
LACI	HZ	196	338	IAML	2207	6.485				22	0.8							
PUK	HZ	234	345	EP	2207	4.410	-0.59											0.9

April 8 2024 Hour: 21:59 20.8 Lat: 38.84N Lon: 21.15E D: 8.8 Ag: TIR Local
Magnitudes: 4.0ML TIR Rms: 0.5 secs
123 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GE03	EZ			IP	OA	2200	3.750								
LKD2	HZ	43	262	EP	D	2159	9.082	0.47							1.0
LKD2	HN	43	262	ES		2159	5.170	0.20							1.0
VLS	HZ	89	214	EP	C	2159	5.720	-0.66							1.0
VLS	HN	89	214	ES		2159	8.913	-0.12							1.0
THL	HZ	110	43	EP		2159	0.138	0.25							1.0
THL	HE	110	43	ES		2159	5.661	0.28							1.0
KEK	HZ	151	310	EP		2159	6.810	-0.02							1.0
KEK	HN	151	310	ES		2200	8.195	0.26							1.0
KEK	HZ	151	310	IAML		2200	3.629			2121	0.8				
SRN	HZ	152	320	EP		2159	7.010	0.12							1.0
SRN	HN	152	320	ES		2200	7.894	-0.17							1.0
LSK	HZ	153	342	EP	D	2159	6.588	-0.50							1.0
LSK	HZ	153	342	IAML		2200	0.758			2937	0.9				
KZN	HZ	171	18	EP		2159	0.207	0.03							0.9
KZN	HN	171	18	ES		2200	4.203	0.20							0.9
NEST	HZ	175	357	EP		2159	1.040	0.25							0.9
NEST	HN	175	357	ES		2200	5.863	0.76							0.9
NEST	HZ	175	357	IAML		2200	4.734			709	0.4				
AL06AHZ	183	320	EP		2159	1.351	-0.37								0.9
AL06AHN	183	320	ES		2200	7.000	0.20								0.9
TPE	HZ	188	329	EP		2159	2.726	0.30							0.9
TPE	HN	188	329	ES		2200	7.984	-0.09							0.9
TPE	HZ	188	329	IAML		2200	8.275			1543	1.2				
ITM	HZ	197	159	EP		2159	4.363	0.80							0.9
PLSA	EZ	197	319	ES		2200	9.920	-0.17							0.9
ITM	HE	197	159	ES		2200	0.692	0.56							0.9
PLSA	EZ	197	319	EP		2159	3.043	-0.50							0.9
PLSA	EZ	197	319	IAML		2200	9.588			406	0.3				
KBN	HZ	200	351	EP		2159	4.774	0.76							0.9
KBN	HE	200	351	ES		2200	1.385	0.44							0.9
MOGL	EZ	217	343	EP		2159	6.442	0.34							0.9
AL05AHZ	217	343	EP		2159	7.188	1.08								0.9
VLO	HZ	229	322	EP		2159	7.401	-0.29							0.9

VLO	HE	229	322	ES	2200	7.517-0.09											0.9
VLO	HZ	229	322	IAML	2200	6.926		464	0.8								
BERA	HZ	231	334	EP	2159	7.937 0.10											0.9
BERA	HE	231	334	ES	2200	7.853-0.01											0.9
BERA	HZ	231	334	IAML	2200	2.120		622	0.5								
BPA2	HZ	247	328	EP	2200	0.556 0.62											0.9
THE	HZ	252	38	EP	2200	0.417-0.22											0.9
THE	HE	252	38	ES	2200	2.578-0.35											0.9
THE	HZ	252	38	IAML	2200	8.997		95	0.7								
BELS	EZ	259	336	EP	2200	1.498 0.03											0.9
PLG	HZ	260	49	EP	2200	0.974-0.73											0.9
AL08AHZ		267	341	EP	2200	3.196 0.73											0.9
AL04AHZ		276	331	EP	2200	4.130 0.49											0.8
TIR	HZ	299	339	EP	2200	6.543-0.05											0.8
TIR	HZ	299	339	IAML	2201	5.431		236	1.4								
DRSH	EZ	304	333	EP	2200	7.662 0.39											0.8
AL03AHZ		321	343	EP	2200	9.022-0.49											0.8
PHP	HZ	321	349	EP	2200	9.378-0.15											0.8
BURR	EZ	321	343	EP	2200	9.216-0.29											0.8
AL02AHZ		322	333	EP	2200	9.799 0.31											0.8
LACI	HZ	333	339	EP	2200	9.670-1.31											0.8
NVR	HZ	362	39	EP	2200	4.539-0.22											0.8
KKS	HZ	364	350	EP	2200	5.092 0.09											0.8
PUK	HZ	371	344	EP	2200	5.292-0.63											0.8
SDA	HZ	383	339	EP	2200	6.662-0.65											0.8
BCI	HZ	402	347	EP	2200	9.978 0.14											0.7
AL01AHZ		412	341	EP	2200	0.451-0.76											0.7
RZM	EZ	416	340	EP	2200	0.544-1.22											0.7
GMRK	HZ	424	1	EP	2200	2.711-0.01											0.7
PEJK	HZ	428	350	EP	2200	2.264-1.01											0.7
PVY	HZ	429	347	EP	2200	2.794-0.57											0.7
PDG	HZ	429	339	IAML	2201	9.367		76	0.8								
RDO	HZ	454	54	EP	2200	5.731-0.69											0.7
ME01AHZ		457	347	EP	2200	6.478-0.49											0.7

April 9 2024 Hour: 13:49 45.3 Lat: 39.64N Lon: 20.36E D: 16.3 Ag: TIR Local
Magnitudes: 2.9ML TIR 3.4MW TIR Rms: 0.4 secs

14 km E of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	13	189	EP		1349	8.871-0.11								1.0
IGT	HE	13	189	ES		1349	2.122 0.20								1.0
SRN	HZ	40	311	EP		1349	2.807-0.09								1.0
SRN	HN	40	311	ES		1349	9.064 0.04								1.0
SRN	HZ	40	311	IAML		1350	1.533			272	0.4				
KEK	HZ	48	279	EP		1349	4.166-0.08								1.0
KEK	HN	48	279	ES		1350	1.420-0.03								1.0
LSK	HZ	60	20	EP		1349	5.911-0.27								1.0
LSK	HN	60	20	ES		1350	5.017 0.06								1.0
LSK	HZ	60	20	IAML		1350	3.972			618	0.6				
AL06AHZ		71	314	EP		1349	7.832-0.14								1.0
AL06AHN		71	314	ES		1350	7.862-0.34								1.0
TPE	HZ	78	338	EP		1349	8.991-0.11								1.0
TPE	HN	78	338	ES		1350	0.320 0.07								1.0
TPE	HZ	78	338	IAML		1350	1.839			323	0.7				
PLSA	EZ	85	313	EP		1350	0.538 0.20								1.0
PLSA	EZ	85	313	ES		1350	2.450-0.03								1.0
PLSA	EZ	85	313	IAML		1350	0.966			122	0.4				
LKD2	HZ	98	165	EP		1350	2.238-0.27								1.0
LKD2	HE	98	165	ES		1350	6.972 0.55								1.0
NEST	HZ	104	34	EP		1350	3.021-0.48								1.0
NEST	HN	104	34	ES		1350	7.908-0.30								1.0
NEST	HZ	104	34	IAML		1350	4.814			198	0.4				
KBN	HZ	115	19	EP		1350	5.276-0.00								1.0
KBN	HN	115	19	ES		1350	1.562 0.14								1.0

MOGL	EZ	118	1	EP	1350	4.967	-0.80										1.0
MOGL	EN	118	1	ES	1350	3.063	0.75										1.0
MOGL	EZ	118	1	IAML	1350	8.575			86	0.6							
BERA	HZ	123	344	EP	1350	6.595	0.08										1.0
BERA	HN	123	344	ES	1350	3.817	0.15										1.0
BERA	HZ	123	344	IAML	1350	8.280			247	0.4							
AL07AHZ		142	11	EP	1350	0.656	0.86										1.0
AL07AHN		142	11	ES	1350	9.540	-0.06										1.0
KZN	HZ	142	58	EP	1350	9.200	-0.51										1.0
KZN	HN	142	58	ES	1350	9.348	-0.10										1.0
THL	HZ	143	93	EP	1350	9.957	0.13										1.0
THL	HN	143	93	ES	1350	9.728	0.07										1.0
BELS	EZ	152	346	EP	1350	2.010	0.69										1.0
BELS	EZ	152	346	ES	1350	2.232	-0.13										1.0
AL08AHZ		164	353	EP	1350	3.220	0.20										0.9
AL08AHN		164	353	ES	1350	5.306	-0.14										0.9
VLS	HZ	164	173	EP	1350	2.138	-0.94										0.9
VLS	HE	164	173	ES	1350	5.752	0.21										0.9
AL04AHZ		166	336	EP	1350	3.136	-0.14										0.9
SCTE	HZ	168	287	EP	1350	3.681	0.06										0.9
TIR	HZ	194	348	EP	1350	6.980	0.11										0.9
TIR	HN	194	348	ES	1350	2.140	-0.27										0.9
TIR	HZ	194	348	IAML	1351	3.482			29	1.4							
BURR	EZ	219	352	EP	1350	9.741	-0.45										0.9
BURR	EZ	219	352	IAML	1350	8.981			33	1.6							
AL03AHZ		219	352	EP	1350	0.308	0.12										0.9
PHP	HZ	227	2	EP	1350	1.864	0.70										0.9
PHP	HZ	227	2	IAML	1351	1.035			57	1.4							
LACI	HZ	228	347	EP	1350	1.287	0.07										0.9
LACI	HZ	228	347	IAML	1350	8.196			40	0.5							
PUK	HZ	269	352	EP	1350	7.046	0.40										0.9
PLG	HZ	276	72	EP	1350	7.744	0.30										0.8
BCI	HZ	303	356	EP	1350	0.823	-0.14										0.8
BCI	HZ	303	356	IAML	1351	3.705			11	0.7							

April 9 2024 Hour: 16:39 49.9 Lat: 41.52N Lon: 20.36E D: 12.8 Ag: TIR Local
Magnitudes: 2.7ML TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	19	21	EP	C	1639	4.696	0.68							1.0
PHP	HN	19	21	ES		1639	7.986	0.62							1.0
PHP	HZ	19	21	IAML		1639	8.773			593	0.2				
BURR	EZ	31	286	EP	C	1639	5.826	0.02							1.0
BURR	EN	31	286	ES		1640	0.515	-0.09							1.0
BURR	EZ	31	286	IAML		1640	2.439			422	0.3				
AL03AHZ		31	286	EP	C	1639	5.790	-0.03							1.0
AL03AHN		31	286	ES		1640	0.564	-0.06							1.0
TIR	HZ	46	245	EP		1639	8.062	-0.18							1.0
TIR	HN	46	245	ES		1640	5.135	0.12							1.0
TIR	HZ	46	245	IAML		1640	8.437			229	0.7				
AL08AHZ		51	205	EP		1639	8.494	-0.67							1.0
AL08AHN		51	205	ES		1640	5.601	-1.08							1.0
LACI	HZ	55	283	EP	C	1639	9.796	0.03							1.0
LACI	HN	55	283	ES		1640	7.803	0.03							1.0
LACI	HZ	55	283	IAML		1640	3.218			191	0.5				
KKS	HZ	61	3	EP		1640	0.983	0.18							1.0
KKS	HN	61	3	ES		1640	9.363	-0.29							1.0
PUK	HZ	70	326	EP		1640	2.107	-0.13							1.0
PUK	HN	70	326	ES		1640	2.261	0.02							1.0
BELS	EZ	72	212	EP		1640	2.371	-0.23							1.0
BELS	EZ	72	212	ES		1640	2.664	-0.24							1.0
AL07AHZ		74	159	EP		1640	3.490	0.46							1.0
AL07AHN		74	159	ES		1640	4.335	0.65							1.0
DRSH	EZ	75	249	EP	D	1640	4.196	1.07							1.0

DRSH EN	75	249	ES		1640	3.950	0.11								1.0
DRSH EZ	75	249	IAML		1640	1.991			224	0.5					
AL04AHZ	88	230	EP		1640	6.225	0.93								1.0
AL05AHZ	91	178	EP		1640	5.542	-0.25								1.0
MOGL EZ	91	178	EP		1640	5.593	-0.19								1.0
AL05AHE	91	178	ES		1640	8.605	-0.06								1.0
MOGL EN	91	178	ES		1640	8.548	-0.12								1.0
MOGL EZ	91	178	IAML		1640	1.171			59	0.1					
SDA HZ	92	310	EP	D	1640	6.210	0.23								1.0
SDA HN	92	310	ES		1640	9.109	0.09								1.0
BCI HZ	97	346	EP		1640	6.627	-0.12								1.0
BCI HN	97	346	ES		1640	0.387	-0.01								1.0
BCI HZ	97	346	IAML		1640	3.701			117	0.6					
BERA HZ	98	201	EP		1640	6.062	-0.79								1.0
BERA HN	98	201	ES		1640	0.452	-0.14								1.0
BERA HZ	98	201	IAML		1640	3.221			63	0.3					
KBN HZ	106	160	EP		1640	8.289	-0.06								1.0
KBN HN	106	160	ES		1640	2.959	-0.35								1.0
AL01AHZ	113	324	EP		1640	9.262	-0.31								1.0
AL01AHN	113	324	ES		1640	5.400	-0.12								1.0
PVY HZ	123	345	EP		1640	1.012	-0.24								1.0
PVY HN	123	345	ES		1640	8.426	-0.14								1.0
PEJK HZ	124	357	EP		1640	1.420	0.03								1.0
PEJK HN	124	357	ES		1640	8.506	-0.30								1.0
PDG HZ	136	318	EP		1640	2.900	-0.31								1.0
NEST HZ	136	155	IAML		1640	8.518			50	0.5					
PDG HZ	136	318	IAML		1640	6.810			79	0.4					
NEST HN	136	155	ES		1640	2.373	0.01								1.0
PDG HN	136	318	ES		1640	2.014	-0.10								1.0
NEST HZ	136	155	EP		1640	3.090	-0.27								1.0
TPE HZ	140	192	EP		1640	4.146	0.28								1.0
TPE HN	140	192	ES		1640	3.521	0.22								1.0
TPE HZ	140	192	IAML		1640	5.884			58	1.0					
GMRK HZ	145	29	EP		1640	4.935	0.15								1.0
GMRK HE	145	29	ES		1640	4.813	-0.14								1.0
LSK HZ	154	172	EP		1640	6.298	-0.01								1.0
LSK HE	154	172	ES		1640	7.827	0.12								1.0
LSK HZ	154	172	IAML		1640	5.122			45	0.7					
AL06AHZ	167	198	EP		1640	9.384	1.00								0.9
AL06AHN	167	198	ES		1640	1.773	0.30								0.9
KZN HZ	180	138	EP		1640	0.457	0.34								0.9
KZN HE	180	138	ES		1640	4.282	-0.31								0.9
NKME HZ	181	320	EP		1640	9.786	-0.37								0.9
ME05AHZ	185	305	EP		1640	0.840	0.16								0.9
SRN HZ	185	190	EP		1640	1.150	0.50								0.9
BARS BZ	187	39	EP		1640	9.967	-1.02								0.9
SJES BZ	196	351	EP		1640	2.917	0.76								0.9
BOSS SZ	205	57	EP		1640	2.911	-0.38								0.9
ME02AHZ	208	331	EP		1640	3.912	0.14								0.9

April 12 2024 Hour: 19:55 53.8 Lat: 40.48N Lon: 20.03E D: 12.6 Ag: TIR Local
Magnitudes: 2.9ML TIR 3.1MW TIR Rms: 0.3 secs
14 km N of Memaliaj

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GE03	EZ			IP	0A	1956	7.490								
TPE	HZ	20	183	EP	D	1955	7.866	-0.12							1.0
TPE	HN	20	183	ES		1956	1.684	0.27							1.0
TPE	HZ	20	183	IAML		1956	3.403			3044	0.5				
BERA	HZ	26	345	EP	D	1955	8.573	-0.31							1.0
BERA	HZ	26	345	IAML		1956	3.021			3124	0.5				
AL05AHZ		40	50	EP	C	1956	0.873	-0.28							1.0
MOGL	EZ	40	50	EP	C	1956	0.906	-0.24							1.0
MOGL	EE	40	50	ES		1956	7.212	0.07							1.0
MOGL	EZ	40	50	IAML		1956	7.806			284	0.4				

AL05AHE	40	50	ES		1956	7.273	0.13			1.0
BPA2 HZ	45	309	EP		1956	2.122	0.18			1.0
BPA2 HN	45	309	ES		1956	8.730	0.15			1.0
VLO HZ	45	269	EP		1956	2.164	0.13			1.0
VLO HE	45	269	ES		1956	8.864	0.13			1.0
VLO HZ	45	269	IAML		1956	1.809		503	0.3	
PLSA EZ	49	225	EP		1956	2.634	0.02			1.0
PLSA EZ	49	225	IAML		1956	5.159		318	0.2	
AL06AHZ	49	208	EP	C	1956	2.719	0.11			1.0
AL06AHE	49	208	ES		1956	0.070	0.28			1.0
BELS EZ	56	350	EP	C	1956	3.240	-0.55			1.0
LSK HZ	60	127	EP	D	1956	3.841	-0.75			1.0
LSK HN	60	127	ES		1956	3.429	0.05			1.0
LSK HZ	60	127	IAML		1956	2.558		346	0.6	
SRN HE	66	182	ES		1956	5.368	0.35			1.0
SRN HZ	66	182	IAML		1956	7.465		129	0.7	
KBN HZ	66	75	EP		1956	4.982	-0.57			1.0
KBN HE	66	75	ES		1956	5.018	-0.09			1.0
SRN HZ	66	182	EP		1956	5.568	0.07			1.0
AL08AHZ	70	5	EP		1956	6.130	-0.04			1.0
AL08AHE	70	5	ES		1956	6.470	0.25			1.0
AL04AHZ	71	326	EP		1956	6.812	0.51			1.0
AL07AHZ	72	49	EP		1956	6.627	0.07			1.0
NEST HZ	87	94	EP		1956	9.067	0.09			1.0
NEST HN	87	94	ES		1956	1.531	0.22			1.0
NEST HZ	87	94	IAML		1956	3.191		121	0.6	
KEK HZ	87	193	EP	C	1956	8.922	-0.05			1.0
KEK HN	87	193	ES		1956	1.047	-0.26			1.0
KEK HZ	87	193	IAML		1956	6.305		310	0.5	
TIR HZ	98	352	EP		1956	0.670	-0.10			1.0
TIR HZ	98	352	IAML		1956	4.260		90	0.8	
IGT HZ	108	166	EP	C	1956	2.797	0.34			1.0
IGT HN	108	166	ES		1956	7.941	0.32			1.0
IGT HZ	108	166	IAML		1956	3.499		229	0.4	
BURR EZ	125	359	EP		1956	5.443	0.12			1.0
AL03AHZ	125	359	EP		1956	5.582	0.26			1.0
AL03AHE	125	359	ES		1956	3.223	0.43			1.0
BURR EZ	125	359	IAML		1956	0.625		75	0.6	
LACI HZ	132	349	EP		1956	5.582	-0.81			1.0
LACI HE	132	349	ES		1956	5.144	0.42			1.0
LACI HZ	132	349	IAML		1956	7.028		126	0.6	
PHP HZ	139	14	EP		1956	7.588	-0.01			1.0
PHP HZ	139	14	IAML		1956	0.902		63	0.6	
SCTE HZ	140	252	EP	C	1956	7.487	-0.35			1.0
SCTE HN	140	252	ES		1956	6.751	-0.60			1.0
KZN HZ	149	97	EP		1956	9.179	-0.17			1.0
PUK HZ	174	356	EP	D	1956	3.224	-0.05			0.9
PUK HZ	174	356	IAML		1956	4.115		17	0.4	
KKS HZ	180	10	EP		1956	4.346	0.40			0.9
KKS HE	180	10	ES		1956	8.349	-0.05			0.9
SDA HZ	180	346	EP		1956	3.656	-0.28			0.9
LKD2 HZ	195	164	EP		1956	5.610	-0.24			0.9
THL HZ	197	120	EP		1956	6.418	0.30			0.9
BCI HZ	210	1	EP		1956	8.216	0.42			0.9
BCI HZ	210	1	IAML		1957	5.669		38	1.0	
AL01AHZ	212	349	EP		1956	7.781	-0.30			0.9
RZM EZ	214	346	EP		1956	8.216	-0.21			0.9
PDG HZ	226	344	EP		1956	8.975	-0.85			0.9
PDG HZ	226	344	IAML		1957	6.863		33	0.4	
PVY HZ	235	359	EP		1956	1.798	0.65			0.9
PEJK HZ	242	5	EP		1956	2.449	0.57			0.9

April 13 2024 Hour: 0:22 4.7 Lat: 39.61N Lon: 19.34E D: 22.0 Ag: TIR Local
Magnitudes: 3.2ML TIR 3.5MW TIR Rms: 0.5 secs
63 km SW of Sarande

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KEK	HZ	41	73	EP		0022	2.506	-0.17							1.0
KEK	HE	41	73	ES		0022	8.868	-0.27							1.0
KEK	HZ	41	73	IAML		0022	4.026			941	0.5				
SRN	HZ	64	62	EP		0022	5.684	-0.59							1.0
SRN	HN	64	62	ES		0022	5.787	0.14							1.0
AL06AHZ		64	33	EP		0022	6.284	-0.03							1.0
AL06AHE		64	33	ES		0022	5.659	-0.07							1.0
PLSA	EZ	66	21	EP		0022	6.894	0.19							1.0
PLSA	EZ	66	21	ES		0022	5.744	-0.69							1.0
PLSA	EZ	66	21	IAML		0022	0.239			354	0.2				
IGT	HZ	85	95	EP		0022	9.949	0.14							1.0
IGT	HN	85	95	ES		0022	1.746	-0.31							1.0
IGT	HZ	85	95	IAML		0022	4.281			489	0.3				
SCTE	HZ	91	305	EP		0022	1.048	0.31							1.0
SCTE	HE	91	305	ES		0022	3.870	0.14							1.0
TPE	HZ	95	37	EP		0022	1.404	-0.00							1.0
TPE	HN	95	37	ES		0022	4.841	-0.09							1.0
TPE	HZ	95	37	IAML		0022	7.665			256	0.1				
VLO	HZ	96	8	EP		0022	2.265	0.71							1.0
VLO	HE	96	8	ES		0022	5.740	0.54							1.0
VLO	HZ	96	8	IAML		0022	8.720			347	0.5				
LSK	HZ	123	60	EP		0022	6.175	0.35							1.0
LSK	HN	123	60	ES		0022	3.221	0.29							1.0
LSK	HZ	123	60	IAML		0022	5.706			341	0.5				
BPA2	HZ	127	11	EP		0022	7.781	1.46							1.0
BERA	HZ	132	23	EP		0022	7.588	0.43							1.0
BERA	HE	132	23	ES		0022	5.072	-0.28							1.0
BERA	HZ	132	23	IAML		0022	6.992			319	0.5				
LKD2	HZ	145	128	EP		0022	9.354	0.01							1.0
LKD2	HN	145	128	ES		0022	9.236	-0.07							1.0
AL05AHN		151	36	ES		0022	1.255	0.46							1.0
MOGL	EZ	151	36	EP		0022	0.667	0.51							1.0
AL05AHZ		151	36	EP		0022	0.655	0.49							1.0
MOGL	EN	151	36	ES		0022	0.778	-0.00							1.0
MOGL	EZ	151	36	IAML		0022	3.595			164	0.5				
KBN	HZ	167	47	EP		0022	2.761	0.53							0.9
NEST	HZ	171	58	EP		0022	4.087	1.30							0.9
NEST	HN	171	58	ES		0022	4.942	-0.58							0.9
NEST	HZ	171	58	IAML		0023	0.883			170	0.4				
AL07AHZ		183	38	EP		0022	4.868	0.58							0.9
DRSH	EZ	186	5	ES		0022	8.618	-0.29							0.9
DRSH	EZ	186	5	IAML		0023	5.806			112	0.6				
VLS	HZ	192	145	EP		0022	5.100	-0.36							0.9
TIR	HZ	198	13	EP		0022	5.783	-0.38							0.9
TIR	HN	198	13	ES		0023	1.402	-0.25							0.9
TIR	HZ	198	13	IAML		0023	1.585			41	0.8				
KZN	HZ	221	69	EP		0022	9.775	0.54							0.9
KZN	HN	221	69	ES		0023	6.527	-0.69							0.9
LACI	HZ	227	8	EP		0022	9.614	-0.30							0.9
AL03AHZ		228	14	EP		0022	9.913	-0.14							0.9
BURR	EZ	228	14	EP		0022	0.037	-0.02							0.9
BURR	EZ	228	14	IAML		0023	7.290			57	0.7				
THL	HZ	229	90	EP		0022	1.076	0.90							0.9
PHP	HZ	248	22	EP		0022	2.267	-0.42							0.9
PHP	HZ	248	22	IAML		0023	0.729			45	0.6				
SDA	HZ	271	3	EP		0022	4.979	-0.57							0.9
PUK	HZ	274	10	EP		0022	5.448	-0.57							0.8
PUK	HZ	274	10	IAML		0023	7.650			11	0.7				
KKS	HZ	288	18	EP		0022	7.666	-0.03							0.8

RZM	EZ	304	1	EP	0022	9.290	-0.59										0.8
AL01AHZ		304	3	EP	0022	8.974	-0.96										0.8
BCI	HZ	312	11	EP	0022	0.696	-0.15										0.8
BCI	HZ	312	11	IAML	0023	6.489				16	0.6						
MRVN	HZ	312	302	EP	0022	9.569	-1.32										0.8
PDG	HZ	313	359	EP	0022	0.178	-0.75										0.8
PDG	HZ	313	359	IAML	0023	6.643				22	0.8						
PVY	HZ	335	9	EP	0022	4.059	0.12										0.8
PEJK	HZ	346	13	EP	0022	5.289	0.08										0.8
NKME	HZ	352	355	EP	0022	5.660	-0.34										0.8
ITM	HZ	352	139	EP	0022	6.069	0.18										0.8
PLG	HZ	360	75	EP	0022	6.582	-0.43										0.8
ME01AHZ		362	7	EP	0022	7.835	0.54										0.8
ME02AHZ		394	357	EP	0023	1.307	-0.19										0.7
NVR	HZ	429	62	EP	0023	5.010	-0.84										0.7

April 16 2024 Hour: 1:24 33.0 Lat: 39.61N Lon: 19.31E D: 20.3 Ag: TIR Local
Magnitudes: 3.0ML TIR Rms: 0.5 secs

66 km SW of Himare

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KEK	HN	44	74	ES		0124	8.183	0.03							1.0
AL06AHZ		66	36	EP		0124	4.869	-0.06							1.0
SRN	HN	67	63	ES		0124	4.204	-0.55							1.0
PLSA	EZ	68	23	EP		0124	4.936	-0.30							1.0
IGT	HZ	88	95	EP		0124	8.774	0.16							1.0
IGT	HN	88	95	ES		0125	1.493	0.26							1.0
IGT	HZ	88	95	IAML		0125	4.642			230	0.6				
SCTE	HZ	89	306	EP		0124	8.507	-0.13							1.0
VLO	HZ	97	9	EP		0124	0.429	0.40							1.0
VLO	HE	97	9	ES		0125	4.194	0.40							1.0
TPE	HZ	98	38	EP		0124	0.098	-0.01							1.0
TPE	HE	98	38	ES		0125	4.259	0.33							1.0
LSK	HZ	126	61	EP		0124	4.970	0.25							1.0
LSK	HZ	126	61	ES		0125	1.587	-0.69							1.0
LSK	HZ	126	61	IAML		0125	4.303			143	0.4				
BERA	HZ	133	24	EP		0124	6.595	0.75							1.0
BERA	HN	133	24	ES		0125	3.447	-0.87							1.0
BERA	HZ	133	24	IAML		0125	7.645			114	0.2				
LKD2	HZ	148	127	EP		0124	8.342	0.22							1.0
LKD2	HN	148	127	ES		0125	8.227	-0.22							1.0
AL05AHE		153	37	ES		0125	0.841	0.88							1.0
MOGL	EZ	153	37	EP		0124	9.181	0.22							1.0
AL05AHZ		153	37	EP		0124	9.239	0.28							1.0
BELS	EZ	160	19	EP		0125	0.413	0.59							0.9
BELS	EE	160	19	ES		0125	0.895	-0.63							0.9
VLS	HZ	194	145	EP		0125	3.756	-0.40							0.9
NOCI	HZ	232	305	EP		0125	8.619	-0.43							0.9
THL	HZ	233	90	EP		0125	9.573	0.47							0.9
ITM	HZ	353	139	EP		0125	4.838	0.21							0.8
SGRT	HZ	384	310	EP		0125	7.862	-0.80							0.8
KEK	HZ	44	74	EP		0124	1.261	-0.12							1.0
KEK	HZ	44	74	IAML		0124	0.071			407	0.2				
SRN	HZ	67	63	EP		0124	4.549	-0.48							1.0

April 18 2024 Hour: 22:47 0.5 Lat: 42.99N Lon: 18.72E D: 4.7 Ag: TIR Local
Magnitudes: 2.6ML TIR 2.8MW TIR Rms: 0.5 secs

104 km NW of Kopluk

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NKME	HZ	31	143	EP		2247	6.857	0.65							1.0
NKME	HE	31	143	ES		2247	1.665	0.86							1.0
ME02AHZ		37	61	EP		2247	7.643	0.34							1.0
ME02AHN		37	61	ES		2247	2.695	-0.10							1.0
ME05AHZ		62	196	EP		2247	1.496	-0.06							1.0
ME05AHN		62	196	ES		2247	0.677	0.20							1.0

PDG	HZ	77	144	EP	2247	3.614	-0.60							1.0
PDG	HN	77	144	ES	2247	4.313	-0.99							1.0
PDG	HZ	77	144	IAML	2247	8.946		106	0.2					
RZM	EZ	91	142	EP	2247	7.173	0.41							1.0
ME01AHZ		96	99	EP	2247	7.387	-0.31							1.0
ME01AHE		96	99	ES	2247	1.943	0.34							1.0
AL01AHZ		99	136	EP	2247	7.196	-0.96							1.0
AL01AHN		99	136	ES	2247	2.233	-0.21							1.0
PVY	HZ	110	113	EP	2247	0.427	0.30							1.0
PVY	HN	110	113	ES	2247	5.729	-0.28							1.0
SDA	HZ	123	148	EP	2247	1.636	-0.44							1.0
BCI	HZ	130	122	EP	2247	3.649	0.25							1.0
BCI	HN	130	122	ES	2247	1.167	-0.76							1.0
PEJK	HZ	133	106	EP	2247	4.043	0.16							1.0
PEJK	HN	133	106	ES	2247	2.507	-0.30							1.0
PUK	HZ	143	137	EP	2247	5.476	-0.01							1.0
PUK	HE	143	137	ES	2247	5.761	0.06							1.0
LACI	HZ	171	151	EP	2247	9.475	-0.74							0.9
LACI	HE	171	151	ES	2247	4.715	0.45							0.9
KKS	HZ	172	126	EP	2247	0.744	0.47							0.9
KKS	HN	172	126	ES	2247	5.101	0.73							0.9
AL03AHZ		187	145	EP	2247	2.961	0.38							0.9
BURR	EZ	187	145	EP	2247	3.052	0.47							0.9
BURR	EN	187	145	ES	2247	8.924	0.38							0.9
BURR	EZ	187	145	IAML	2248	5.343		38	0.6					
AL03AHE		187	145	ES	2247	8.928	0.38							0.9
PHP	HZ	203	135	EP	2247	5.503	0.87							0.9
PHP	HZ	203	135	IAML	2248	0.087		42	0.8					
TIR	HZ	206	152	EP	2247	4.845	-0.08							0.9
TIR	HZ	206	152	IAML	2248	3.847		15	0.3					
AL08AHZ		239	151	EP	2247	9.364	0.19							0.9
AL08AHE		239	151	ES	2248	0.536	0.06							0.9
MOGL	EZ	289	151	EP	2247	4.829	-0.86							0.8
AL05AHZ		289	151	EP	2247	5.251	-0.45							0.8
NEST	HZ	346	145	EP	2247	1.844	-1.13							0.8
NEST	HZ	346	145	IAML	2248	4.820		6	0.5					

April 19 2024 Hour: 4:43 0.1 Lat: 39.42N Lon: 20.56E D: 8.0 Ag: TIR Local
Magnitudes: 2.6ML TIR 2.8MW TIR Rms: 0.3 secs

41 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	23	303	EP		0443	4.731	0.25							1.0
IGT	HN	23	303	ES		0443	8.283	0.24							1.0
IGT	HZ	23	303	IAML		0443	9.031		792	0.2					
SRN	HZ	70	317	EP		0443	1.849	-0.82							1.0
SRN	HN	70	317	ES		0443	3.030	0.17							1.0
LKD2	HZ	71	173	EP		0443	2.910	0.13							1.0
LKD2	HE	71	173	ES		0443	3.372	0.31							1.0
KEK	HZ	73	297	EP		0443	2.541	-0.63							1.0
KEK	HN	73	297	ES		0443	4.000	0.23							1.0
KEK	HZ	73	297	IAML		0443	8.457		118	0.2					
LSK	HZ	81	2	EP		0443	4.017	-0.56							1.0
LSK	HN	81	2	ES		0443	6.704	0.39							1.0
LSK	HZ	81	2	IAML		0443	8.688		113	0.6					
AL06AHZ		101	318	EP		0443	7.452	-0.41							1.0
AL06AHN		101	318	ES		0443	2.102	-0.15							1.0
TPE	HZ	108	335	EP		0443	9.038	0.08							1.0
TPE	HN	108	335	ES		0443	4.494	0.25							1.0
TPE	HZ	108	335	IAML		0443	7.948		70	0.6					
PLSA	EZ	115	316	EP		0443	0.578	0.36							1.0
PLSA	EN	115	316	ES		0443	6.661	0.14							1.0
NEST	HZ	118	21	EP		0443	0.692	-0.07							1.0
NEST	HN	118	21	ES		0443	7.459	-0.04							1.0
NEST	HZ	118	21	IAML		0443	2.220		58	0.6					

THL	HZ	126	82	EP	0443	2.129	0.08											1.0
THL	HN	126	82	ES	0443	0.083	0.26											1.0
KBN	HZ	135	8	EP	0443	3.772	0.21											1.0
KBN	HN	135	8	ES	0443	2.763	0.19											1.0
VLS	HZ	138	179	EP	0443	4.332	0.32											1.0
VLS	HE	138	179	ES	0443	3.277	-0.10											1.0
MOGL	EN	143	354	ES	0443	5.273	0.21											1.0
AL05AHZ	143	354	EP	0443	4.570	-0.37												1.0
AL05AHN	143	354	ES	0443	5.273	0.21												1.0
KZN	HZ	143	46	EP	0443	4.969	0.08											1.0
KZN	HN	143	46	ES	0443	4.732	-0.25											1.0
MOGL	EZ	143	354	EP	0443	4.513	-0.43											1.0
BERA	HZ	152	340	EP	0443	6.212	-0.06											1.0
BERA	HN	152	340	ES	0443	7.782	0.30											1.0
BERA	HZ	152	340	IAML	0443	9.690				38	0.7							
BELS	EZ	181	343	EP	0443	1.084	0.17											0.9
BELS	EN	181	343	ES	0443	6.073	0.20											0.9
AL08AHZ	191	348	EP	0443	2.174	-0.06												0.9
PHP	HZ	252	358	EP	0443	9.687	-0.37											0.9
PHP	HZ	252	358	IAML	0444	1.190				13	1.4							
LACI	HZ	256	344	EP	0443	0.242	-0.33											0.9
PLG	HZ	269	66	EP	0443	2.187	-0.01											0.9
ITM	HZ	276	154	EP	0443	3.101	-0.03											0.8
KKS	HZ	295	357	EP	0443	5.474	-0.09											0.8
PUK	HZ	297	349	EP	0443	5.694	-0.16											0.8

April 19 2024 Hour: 13:12 18.1 Lat: 42.70N Lon: 19.12E D: 6.2 Ag: TIR Local
Magnitudes: 2.7ML TIR 3.0MW TIR Rms: 0.5 secs
60 km NW of Koplík

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NKME	HZ	16	297	EP		1312	1.065	-0.06							1.0
NKME	HN	16	297	ES		1312	3.241	-0.38							1.0
PDG	HZ	32	160	EP		1312	3.548	-0.38							1.0
PDG	HN	32	160	ES		1312	8.466	-0.22							1.0
PDG	HZ	32	160	IAML		1312	9.143			794	0.3				
RZM	EZ	46	150	EP		1312	6.859	0.57							1.0
RZM	EZ	46	150	ES		1312	4.309	1.35							1.0
ME02AHZ	50	360	EP			1312	7.791	0.63							1.0
ME02AHN	50	360	ES			1312	4.753	0.21							1.0
AL01AHZ	53	138	EP			1312	6.832	-0.73							1.0
AL01AHN	53	138	ES			1312	4.774	-0.49							1.0
ME05AHZ	57	242	EP			1312	7.566	-0.77							1.0
ME05AHN	57	242	ES			1312	6.986	0.33							1.0
ME01AHZ	64	75	EP			1312	9.978	0.43							1.0
ME01AHN	64	75	ES			1312	9.178	0.32							1.0
PVY	HZ	70	100	EP		1312	1.010	0.47							1.0
PVY	HN	70	100	ES		1312	0.851	0.20							1.0
SDA	HZ	79	157	EP		1312	1.927	-0.24							1.0
SDA	HN	79	157	ES		1312	3.191	-0.40							1.0
BCI	HZ	86	115	EP		1312	2.859	-0.58							1.0
BCI	HN	86	115	ES		1312	5.922	0.03							1.0
BCI	HZ	86	115	IAML		1312	7.769			129	0.8				
SJES	BZ	93	48	EP		1312	5.082	0.42							1.0
SJES	BN	93	48	ES		1312	7.767	-0.34							1.0
PEJK	HZ	95	94	EP		1312	5.219	0.28							1.0
PEJK	HN	95	94	ES		1312	8.155	-0.45							1.0
PUK	HZ	97	139	EP		1312	5.155	-0.11							1.0
PUK	HN	97	139	ES		1312	9.113	-0.08							1.0
KKS	HZ	126	123	EP		1312	9.893	-0.25							1.0
KKS	HN	126	123	ES		1312	7.565	-0.47							1.0
LACI	HZ	128	157	EP		1312	9.459	-0.96							1.0
LACI	HN	128	157	ES		1312	8.790	0.25							1.0
LACI	HZ	128	157	IAML		1313	2.445			52	0.6				
AL03AHN	142	149	ES			1313	3.015	0.17							1.0

BURR	EZ	142	149	EP	1312	2.781	-0.02										1.0
BURR	EZ	142	149	ES	1313	3.063	0.21										1.0
BURR	EZ	142	149	IAML	1313	8.064				42	0.4						
AL03AHZ		142	149	EP	1312	2.602	-0.20										1.0
PHP	HZ	157	136	EP	1312	4.532	-0.72										1.0
PHP	HN	157	136	ES	1313	7.399	0.12										1.0
PHP	HZ	157	136	IAML	1313	1.007				45	1.0						
DRSH	EZ	161	168	EP	1312	6.405	0.46										0.9
DRSH	EZ	161	168	ES	1313	8.767	0.24										0.9
DRSH	EZ	161	168	IAML	1313	4.061				91	0.5						
TIR	HZ	162	158	EP	1312	6.409	0.25										0.9
TIR	HN	162	158	ES	1313	9.098	0.18										0.9
TIR	HZ	162	158	IAML	1313	5.766				31	0.4						
GMRK	HZ	172	91	EP	1312	7.618	-0.16										0.9
GMRK	HN	172	91	ES	1313	1.496	-0.35										0.9
AL04AHZ		192	169	EP	1312	1.408	0.93										0.9
AL04AHE		192	169	ES	1313	6.423	-0.31										0.9
AL08AHZ		195	155	EP	1312	1.361	0.44										0.9
AL08AHN		195	155	ES	1313	7.682	0.14										0.9
BELS	EZ	203	161	EP	1312	2.476	0.52										0.9
BELS	EZ	203	161	ES	1313	9.077	-0.33										0.9
BARS	BZ	221	86	EP	1312	4.010	-0.21										0.9
BERA	HZ	232	163	EP	1312	4.867	-0.82										0.9
BERA	HN	232	163	ES	1313	5.520	-0.66										0.9
BERA	HZ	232	163	IAML	1313	3.883				33	1.0						
AL05AHE		246	154	ES	1313	0.864	1.54										0.9
MOGL	EZ	246	154	EP	1312	7.321	-0.10										0.9
MOGL	EZ	246	154	IAML	1313	7.965				15	0.4						
AL05AHZ		246	154	EP	1312	8.118	0.69										0.9
BOSS	SZ	275	94	EP	1313	0.789	-0.42										0.8

April 21 2024 Hour: 20:22 58.2 Lat: 41.44N Lon: 19.88E D: 26.3 Ag: TIR Local
Magnitudes: 2.7ML TIR 2.8MW TIR Rms: 0.5 secs
10 km SE of Kruje

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	10	186	EP		2023	2.853	-0.14							1.0
TIR	HN	10	186	ES		2023	7.079	0.18							1.0
TIR	HZ	10	186	IAML		2023	7.670			839	0.2				
AL03AHZ		21	30	EP		2023	3.817	-0.15							1.0
AL03AHE		21	30	ES		2023	8.886	0.21							1.0
BURR	EZ	21	30	EP		2023	3.813	-0.16							1.0
BURR	EN	21	30	ES		2023	8.768	0.09							1.0
BURR	EZ	21	30	IAML		2023	9.920			450	0.2				
LACI	HZ	26	329	EP		2023	4.124	-0.33							1.0
LACI	HN	26	329	ES		2023	9.264	-0.30							1.0
LACI	HZ	26	329	IAML		2023	9.670			472	0.2				
DRSH	EZ	34	240	EP		2023	6.558	1.00							1.0
DRSH	EZ	34	240	IAML		2023	6.833			359	0.5				
AL08AHZ		41	153	EP		2023	6.038	-0.50							1.0
AL08AHN		41	153	ES		2023	3.084	-0.24							1.0
BELS	EZ	52	177	EP		2023	7.511	-0.56							1.0
BELS	EN	52	177	ES		2023	6.393	0.30							1.0
PHP	HZ	55	59	EP		2023	8.086	-0.42							1.0
PHP	HE	55	59	ES		2023	6.753	-0.14							1.0
PHP	HZ	55	59	IAML		2023	9.743			156	0.3				
AL04AHZ		55	209	EP		2023	9.703	1.23							1.0
PUK	HZ	67	1	EP		2023	0.139	-0.35							1.0
PUK	HE	67	1	ES		2023	0.553	0.07							1.0
PUK	HZ	67	1	IAML		2023	3.537			24	0.2				
SDA	HZ	75	335	EP		2023	1.703	0.09							1.0
BERA	HZ	82	176	EP		2023	2.353	-0.32							1.0
BERA	HZ	82	176	IAML		2023	7.050			124	0.2				
KKS	HZ	83	32	EP		2023	2.788	-0.12							1.0
AL07AHZ		90	131	EP		2023	4.434	0.42							1.0

AL07AHN	90	131	ES	2023	7.189	0.34									1.0
MOGL EZ	92	152	EP	2023	3.933	-0.39									1.0
AL05AHZ	92	152	EP	2023	3.793	-0.53									1.0
BCI HZ	104	9	EP	2023	6.179	-0.10									1.0
BCI HZ	104	9	IAML	2023	2.840				43	0.5					
AL01AHZ	105	345	EP	2023	6.376	0.02									1.0
RZM EZ	109	339	EP	2023	6.387	-0.59									1.0
VLO HZ	112	197	EP	2023	7.970	0.51									1.0
KBN HZ	118	139	EP	2023	9.062	0.57									1.0
KBN HN	118	139	ES	2023	5.162	0.20									1.0
KBN HZ	118	139	IAML	2023	9.148				11	0.4					
PDG HZ	122	335	EP	2023	8.797	-0.13									1.0
PDG HN	122	335	ES	2023	5.800	0.06									1.0
PDG HZ	122	335	IAML	2023	7.639				55	0.2					
TPE HZ	127	175	EP	2023	0.043	0.18									1.0
TPE HZ	127	175	IAML	2023	1.674				38	0.3					
PVY HZ	129	3	EP	2023	9.770	-0.40									1.0
PVY HE	129	3	ES	2023	7.892	-0.10									1.0
PEJK HZ	138	14	EP	2023	1.975	0.40									1.0
PEJK HN	138	14	ES	2023	0.655	0.11									1.0
NEST HZ	150	139	EP	2023	3.949	0.73									1.0
NEST HZ	150	139	IAML	2023	4.224				46	0.4					
AL06AHZ	150	184	EP	2023	2.519	-0.55									1.0
LSK HZ	155	157	EP	2023	4.082	0.24									1.0
LSK HZ	155	157	IAML	2023	2.966				46	0.7					
ME01AHZ	157	0	EP	2023	5.173	1.21									1.0
ME05AHZ	161	315	EP	2023	3.919	-0.48									0.9
NKME HZ	166	333	EP	2023	5.126	-0.09									0.9
SRN HZ	173	177	EP	2023	5.881	-0.13									0.9
SRN HZ	173	177	IAML	2023	1.828				6	0.2					
GMRK HZ	175	39	EP	2023	6.553	0.13									0.9
KEK HZ	192	182	EP	2023	7.181	-1.21									0.9
SCTE HZ	193	219	EP	2023	8.061	-0.47									0.9
ME02AHZ	201	342	EP	2023	0.447	0.70									0.9
KZN HZ	203	128	EP	2023	0.180	0.23									0.9
SJES BZ	203	2	EP	2023	0.743	0.78									0.9
IGT HZ	215	170	EP	2023	0.251	-1.15									0.9

April 24 2024 Hour: 17:41 19.9 Lat: 38.90N Lon: 21.19E D: 10.4 Ag: TIR Local
Magnitudes: 2.5ML TIR 3.0MW TIR Rms: 0.5 secs
120 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	48	255	EP		1741	8.865	0.22							1.0
LKD2	HE	48	255	ES		1741	6.166	0.47							1.0
VLS	HZ	96	213	EP		1741	5.544	-1.14							1.0
VLS	HN	96	213	ES		1741	9.990	-0.25							1.0
IGT	HZ	102	314	EP		1741	7.887	0.24							1.0
IGT	HE	102	314	ES		1741	2.364	0.38							1.0
IGT	HZ	102	314	IAML		1741	9.160			36	0.3				
THL	HZ	103	44	EP		1741	7.883	0.09							1.0
THL	HE	103	44	ES		1741	1.720	-0.53							1.0
LSK	HZ	147	340	EP		1741	5.872	0.55							1.0
LSK	HN	147	340	ES		1742	5.883	0.01							1.0
LSK	HZ	147	340	IAML		1742	5.303			46	0.7				
SRN	HZ	149	317	EP		1741	5.718	0.19							1.0
SRN	HE	149	317	ES		1742	6.208	-0.04							1.0
KEK	HZ	150	307	EP		1741	5.140	-0.52							1.0
KEK	HE	150	307	ES		1742	6.208	-0.28							1.0
KEK	HZ	150	307	IAML		1742	0.517			47	0.9				
KZN	HZ	164	18	EP		1741	7.914	-0.14							0.9
KZN	HN	164	18	ES		1742	0.753	-0.06							0.9
NEST	HZ	168	356	EP		1741	9.105	0.29							0.9
NEST	HN	168	356	ES		1742	2.324	0.13							0.9
NEST	HZ	168	356	IAML		1742	2.354			23	0.6				

AL06AHZ	180	317	EP	1741	9.299	-1.06									0.9
AL06AHN	180	317	ES	1742	3.883	-1.11									0.9
TPE HZ	184	327	EP	1741	1.587	0.67									0.9
TPE HN	184	327	ES	1742	6.040	0.03									0.9
TPE HZ	184	327	IAML	1742	2.469				30	0.9					
PLSA EZ	194	317	EP	1741	2.652	0.46									0.9
PLSA EZ	194	317	ES	1742	8.422	0.11									0.9
PLSA EZ	194	317	IAML	1742	9.165				11	0.7					
ITM HZ	202	161	EP	1741	3.524	0.33									0.9
ITM HN	202	161	ES	1742	0.778	0.65									0.9
MOGL EZ	211	341	ES	1742	2.226	-0.11									0.9
AL05AHZ	211	341	EP	1741	4.570	0.15									0.9
AL05AHE	211	341	ES	1742	2.664	0.32									0.9
MOGL EZ	211	341	EP	1741	4.625	0.21									0.9
MOGL EZ	211	341	IAML	1742	2.348				6	0.5					
BERA HZ	226	332	EP	1741	6.194	-0.07									0.9
BERA HE	226	332	ES	1742	5.649	-0.03									0.9
BERA HZ	226	332	IAML	1742	6.509				13	0.9					

April 25 2024 Hour: 18:50 34.3 Lat: 39.59N Lon: 20.34E D: 1.5 Ag: TIR Local
Magnitudes: 2.8ML TIR Rms: 0.4 secs
15 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT HZ		6	188	EP		1850	5.747	0.24							1.0
IGT HN		6	188	ES		1850	6.946	0.47							1.0
IGT HZ		6	188	IAML		1850	7.537			2840	0.3				
SRN HZ		44	318	EP		1850	1.420	-0.66							1.0
SRN HN		44	318	ES		1850	8.511	0.13							1.0
KEK HZ		49	286	EP		1850	2.929	-0.06							1.0
KEK HN		49	286	ES		1850	0.107	0.07							1.0
KEK HZ		49	286	IAML		1850	4.841			562	0.2				
LSK HZ		66	19	EP		1850	5.596	-0.47							1.0
LSK HN		66	19	ES		1850	5.578	-0.02							1.0
LSK HZ		66	19	IAML		1850	8.526			222	0.7				
TPE HZ		83	340	EP		1850	8.612	-0.52							1.0
TPE HN		83	340	ES		1851	1.325	0.18							1.0
TPE HZ		83	340	IAML		1851	7.207			155	0.6				
PLSA EZ		89	316	EP		1850	9.984	-0.15							1.0
LKD2 HZ		93	163	EP		1850	0.742	-0.18							1.0
NEST HZ		110	33	EP		1850	4.267	0.39							1.0
NEST HE		110	33	ES		1851	9.912	0.18							1.0
NEST HZ		110	33	IAML		1851	8.702			150	0.3				
KBN HZ		121	18	EP		1850	5.870	0.06							1.0
VLO HZ		121	324	EP		1850	6.115	0.26							1.0
AL05AHZ		124	2	EP		1850	6.005	-0.29							1.0
MOGL EZ		124	2	EP		1850	6.296	0.00							1.0
BERA HZ		128	345	EP		1850	6.936	-0.02							1.0
BERA HN		128	345	ES		1851	5.839	0.54							1.0
BERA HZ		128	345	IAML		1851	8.012			90	0.5				
THL HZ		144	91	EP		1850	9.495	-0.07							1.0
KZN HZ		146	56	EP		1850	9.473	-0.48							1.0
BELS EZ		158	347	EP		1851	2.140	0.24							0.9
AL08AHZ		169	353	EP		1851	4.286	0.42							0.9
SCTE HZ		169	289	EP		1851	3.022	-0.81							0.9
AL04AHZ		171	337	EP		1851	4.748	0.67							0.9
TIR HZ		199	348	EP		1851	8.705	0.41							0.9
LACI HZ		233	347	EP		1851	2.090	-0.54							0.9

April 25 2024 Hour: 23: 8 31.3 Lat: 43.00N Lon: 18.70E D: 5.2 Ag: TIR Local
Magnitudes: 2.6ML TIR 2.8MW TIR Rms: 0.4 secs
106 km NW of Koplík

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SELS	SZ			IP	0A	2309	4.000								
NKME	HZ	33	141	EP		2308	7.582	0.25							1.0
NKME	HN	33	141	ES		2308	2.427	0.26							1.0
ME02AHZ		38	63	EP		2308	9.027	0.72							1.0
ME02AHE		38	63	ES		2308	4.057	0.11							1.0
ME05AHZ		62	195	EP		2308	2.354	-0.10							1.0
ME05AHN		62	195	ES		2308	1.417	-0.03							1.0
ME03AHZ		66	54	EP		2308	3.413	0.22							1.0
ME03AHE		66	54	ES		2308	3.029	0.24							1.0
PDG	HZ	78	144	EP		2308	4.327	-1.00							1.0
PDG	HN	78	144	ES		2308	6.627	-0.02							1.0
PDG	HZ	78	144	IAML		2309	0.215			79	0.3				
RZM	EZ	92	142	EP		2308	7.896	0.02							1.0
ME01AHZ		98	100	EP		2308	8.695	-0.07							1.0
ME01AHN		98	100	ES		2309	2.914	0.05							1.0
AL01AHZ		100	136	EP		2308	8.425	-0.81							1.0
AL01AHN		100	136	ES		2309	3.290	-0.42							1.0
SJES	BZ	107	74	EP		2308	0.694	0.28							1.0
SJES	BN	107	74	ES		2309	5.192	-0.67							1.0
PVY	HZ	112	113	EP		2308	1.695	0.48							1.0
PVY	HN	112	113	ES		2309	7.677	0.38							1.0
SDA	HZ	124	148	EP		2308	2.814	-0.31							1.0
SDA	HN	124	148	ES		2309	1.061	0.31							1.0
BCI	HZ	132	122	EP		2308	4.318	-0.16							1.0
BCI	HE	132	122	ES		2309	3.443	0.22							1.0
BCI	HZ	132	122	IAML		2309	6.152			32	0.6				
PEJK	HZ	135	107	EP		2308	5.406	0.45							1.0
PEJK	HN	135	107	ES		2309	3.604	-0.48							1.0
PUK	HZ	144	137	EP		2308	6.366	-0.19							1.0
PUK	HN	144	137	ES		2309	7.016	0.04							1.0
LACI	HZ	173	151	IAML		2309	0.078			28	0.7				
KKS	HZ	173	126	EP		2309	1.497	0.14							0.9
LACI	HZ	173	151	EP		2309	0.396	-0.86							0.9
LACI	HN	173	151	ES		2309	5.589	0.11							0.9
KKS	HN	173	126	ES		2309	5.865	0.20							0.9
AL02AHZ		186	162	EP		2309	3.425	0.31							0.9
AL02AHN		186	162	ES		2309	8.358	-0.48							0.9
AL03AHN		189	145	ES		2309	9.400	-0.22							0.9
BURR	EZ	189	145	EP		2309	3.762	0.22							0.9
BURR	EZ	189	145	ES		2309	9.886	0.26							0.9
BURR	EZ	189	145	IAML		2309	2.287			25	0.7				
AL03AHZ		189	145	EP		2309	3.822	0.28							0.9
DRSH	EZ	202	160	EP		2309	6.315	1.05							0.9
DRSH	EN	202	160	ES		2309	3.288	0.54							0.9
DRSH	EZ	202	160	IAML		2309	2.491			30	0.3				
PHP	HZ	205	135	EP		2309	5.703	0.10							0.9
PHP	HN	205	135	ES		2309	3.515	0.16							0.9
PHP	HZ	205	135	IAML		2309	8.242			25	0.4				
TIR	HZ	207	152	EP		2309	6.012	0.14							0.9
TIR	HN	207	152	ES		2309	4.082	0.25							0.9
TIR	HZ	207	152	IAML		2309	7.737			10	0.9				
GMRK	HZ	209	100	EP		2309	5.260	-1.00							0.9
GMRK	HE	209	100	ES		2309	4.592	0.05							0.9
AL08AHZ		240	151	EP		2309	0.452	0.33							0.9
AL08AHN		240	151	ES		2309	1.845	0.32							0.9
BELS	EZ	247	156	EP		2309	0.979	0.04							0.9
BARS	BZ	255	94	EP		2309	0.929	-1.12							0.9
BERA	HZ	275	157	EP		2309	4.840	0.24							0.8
BERA	HZ	275	157	IAML		2310	5.931			12	1.1				

MOGL EZ	291	151	EP		2309	6.256-0.39												0.8
AL05AHZ	291	151	EP		2309	6.431-0.22												0.8
BOSS SZ	313	99	EP		2309	9.145-0.34												0.8

April 26 2024 Hour: 3:24 12.9 Lat: 38.51N Lon: 21.40E D: 16.8 Ag: TIR Local
Magnitudes: 2.7ML TIR 3.4MW TIR Rms: 0.2 secs

165 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GE03	EZ			IP	0A	0324	3.750								
LKD2	HZ	72	296	EP		0324	5.701-0.05								1.0
LKD2	HN	72	296	ES		0324	6.347 0.21								1.0
VLS	HZ	80	243	EP		0324	6.966-0.07								1.0
VLS	HN	80	243	ES		0324	8.354-0.11								1.0
THL	HZ	129	24	EP		0324	5.294 0.15								1.0
THL	HN	129	24	ES		0324	3.034-0.11								1.0
IGT	HZ	147	321	EP		0324	7.819-0.25								1.0
IGT	HZ	147	321	IAML		0325	4.337		22	0.7					
ITM	HZ	154	163	EP		0324	9.367 0.14								1.0
KEK	HZ	193	314	EP		0324	4.107-0.20								0.9
KEK	HZ	193	314	IAML		0325	0.102		37	1.1					
LSK	HZ	195	339	EP		0324	4.480-0.21								0.9
LSK	HZ	195	339	IAML		0325	5.359		39	0.7					
SRN	HZ	195	322	EP		0324	4.783 0.26								0.9
SRN	HZ	195	322	IAML		0325	0.896		6	0.7					
KZN	HZ	202	9	EP		0324	5.281-0.32								0.9
NEST	HZ	214	352	EP		0324	7.388 0.27								0.9
NEST	HZ	214	352	IAML		0325	3.664		24	0.5					
AL06AHZ		226	322	EP		0324	8.612 0.09								0.9
TPE	HZ	232	329	EP		0324	9.230-0.06								0.9
TPE	HZ	232	329	IAML		0325	2.575		24	0.5					
PLSA	EZ	240	321	EP		0324	0.213-0.12								0.9
MOGL	EZ	259	341	EP		0324	2.726-0.11								0.9
AL05AHZ		259	341	EP		0324	3.138 0.30								0.9
BERA	HZ	274	333	EP		0324	4.920 0.24								0.8
BERA	HZ	274	333	IAML		0325	3.753		13	0.5					

April 30 2024 Hour: 2: 8 55.7 Lat: 38.97N Lon: 20.63E D: 10.3 Ag: TIR Local
Magnitudes: 2.5ML TIR Rms: 0.4 secs

85 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	21	174	EP		0208	9.809-0.10								1.0
LKD2	HN	21	174	ES		0209	3.546 0.25								1.0
IGT	HZ	67	337	EP		0209	6.480-1.22								1.0
IGT	HN	67	337	ES		0209	7.120-0.27								1.0
IGT	HZ	67	337	IAML		0209	9.407		78	0.5					
VLS	HZ	89	182	EP		0209	1.144-0.13								1.0
VLS	HN	89	182	ES		0209	4.007 0.14								1.0
KEK	HZ	109	319	EP		0209	3.869-0.81								1.0
KEK	HN	109	319	ES		0209	0.139 0.11								1.0
SRN	HZ	114	332	EP		0209	5.716 0.17								1.0
SRN	HN	114	332	ES		0209	1.580-0.01								1.0
LSK	HZ	131	359	EP		0209	9.026 0.72								1.0
LSK	HN	131	359	ES		0209	7.217 0.63								1.0
LSK	HZ	131	359	IAML		0209	6.328		62	0.5					
THL	HZ	136	61	EP		0209	8.590-0.58								1.0
THL	HN	136	61	ES		0209	7.862-0.29								1.0
AL06AHZ		145	329	EP		0209	0.896 0.26								1.0
AL06AHN		145	329	ES		0209	0.722-0.07								1.0
TPE	HZ	156	340	EP		0209	3.097 0.61								1.0
TPE	HZ	156	340	IAML		0209	1.659		31	0.7					
PLSA	EZ	158	327	EP		0209	3.033 0.16								0.9
PLSA	EZ	158	327	ES		0209	4.410-0.44								0.9
NEST	HZ	164	12	EP		0209	3.966 0.10								0.9
NEST	HN	164	12	ES		0209	6.906 0.26								0.9

NEST HZ	164	12	IAML	0209	0.070	27	0.5	
KZN HZ	177	33	EP	0209	5.564-0.33			0.9
AL05AHZ	193	354	EP	0209	8.224 0.32			0.9
MOGL EZ	193	354	EP	0209	8.160 0.26			0.9
BERA HZ	201	343	EP	0209	9.219 0.43			0.9
BERA HZ	201	343	IAML	0210	5.301	15	1.6	
ITM HZ	229	150	EP	0209	2.541 0.03			0.9