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

January 5 2024 Hour: 15:52 37.0 Lat: 38.93N Lon: 21.41E D: 4.8 Ag: TIR Local
 Magnitudes: 3.5ML TIR 3.8MW TIR Rms: 0.6 secs
 133 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	67	257	EP		1552	8.552	-0.37							1.0
LKD2	HN	67	257	ES		1552	8.488	-0.13							1.0
THL	HZ	88	36	EP		1552	3.336	0.62							1.0
THL	HE	88	36	ES		1553	5.848	0.37							1.0
IGT	HZ	114	306	EP		1552	7.163	-0.00							1.0
IGT	HN	114	306	ES		1553	3.429	-0.10							1.0
IGT	HZ	114	306	IAML		1553	0.126			287	0.5				
LSK	HZ	152	333	EP		1553	3.640	0.11							1.0
LSK	HN	152	333	ES		1553	5.625	0.57							1.0
LSK	HZ	152	333	IAML		1553	1.931			465	0.7				
KZN	HZ	156	11	EP		1553	3.963	-0.21							1.0
KZN	HE	156	11	ES		1553	5.861	-0.35							1.0
SRN	HZ	161	312	EP		1553	5.174	0.32							0.9
SRN	HE	161	312	ES		1553	6.921	-0.53							0.9
SRN	HZ	161	312	IAML		1553	7.985			59	1.1				
KEK	HZ	164	303	EP		1553	5.295	-0.08							0.9
KEK	HN	164	303	ES		1553	7.981	-0.41							0.9
KEK	HZ	164	303	IAML		1553	5.684			407	0.5				
NEST	HZ	168	350	EP		1553	6.506	0.38							0.9
NEST	HE	168	350	ES		1553	9.394	-0.35							0.9
NEST	HZ	168	350	IAML		1553	7.501			235	0.5				
TPE	HZ	193	322	EP		1553	9.896	0.14							0.9
TPE	HE	193	322	ES		1553	6.653	0.33							0.9
TPE	HZ	193	322	IAML		1553	2.828			417	0.8				
KBN	HZ	196	344	EP		1553	0.864	0.72							0.9
KBN	HN	196	344	ES		1553	7.501	0.48							0.9
KBN	HZ	196	344	IAML		1553	2.707			77	0.7				
ITM	HZ	199	167	EP		1553	1.228	0.65							0.9
ITM	HE	199	167	ES		1553	7.985	0.18							0.9
AL05AHZ		216	337	EP		1553	3.891	1.21							0.9
THE	HZ	232	35	EP		1553	3.286	-1.38							0.9
BERA	HZ	233	328	EP		1553	4.981	0.10							0.9
BERA	HZ	233	328	IAML		1554	3.581			109	0.7				
PLG	HZ	237	47	EP		1553	4.133	-1.34							0.9
BELS	EZ	260	331	EP		1553	8.613	0.25							0.9
AL08AHZ		266	336	EP		1553	9.824	0.71							0.9
TIR	HZ	299	334	EP		1553	2.851	-0.48							0.8
PHP	HZ	317	345	EP		1553	5.635	-0.05							0.8
PHP	HZ	317	345	IAML		1554	8.566			64	0.7				
BURR	EZ	320	339	EP		1553	5.633	-0.40							0.8
LACI	HZ	333	335	EP		1553	6.657	-1.05							0.8
NVR	HZ	341	37	EP		1553	8.005	-0.73							0.8
KKS	HZ	360	347	EP		1553	2.055	0.95							0.8
BCI	HZ	398	344	EP		1553	6.256	0.16							0.7
BOSS	SZ	406	12	EP		1553	6.164	-1.00							0.7
PVY	HZ	425	344	EP		1553	9.611	-0.02							0.7

January 5 2024 Hour: 21:51 59.0 Lat: 39.71N Lon: 20.53E D: 48.1 Ag: TIR Local
 Magnitudes: 4.1ML TIR 4.0MW TIR Rms: 0.6 secs
 29 km E of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GE03	EZ			IP	0A	2152	5.280								
IGT	HZ	25	221	EP		2152	8.513	0.72							1.0
IGT	HE	25	221	ES		2152	4.316	-0.58							1.0
IGT	HZ	25	221	IAML		2152	7.107			20440	0.6				
SRN	HZ	49	294	EP		2152	0.475	0.49							1.0
SRN	HE	49	294	ES		2152	8.322	-0.54							1.0
SRN	HZ	49	294	IAML		2152	9.879			4428	0.5				
LSK	HZ	50	7	EP		2152	0.602	0.40							1.0

LSK	HN	50	7	ES	2152	9.078-0.17			1.0
LSK	HZ	50	7	IAML	2152	2.272	17640	0.5	
KEK	HZ	62	271	EP	2152	2.160 0.59			1.0
KEK	HN	62	271	ES	2152	0.965-0.75			1.0
KEK	HZ	62	271	IAML	2152	3.501	17796	0.5	
TPE	HZ	79	327	EP	2152	4.073 0.51			1.0
TPE	HN	79	327	ES	2152	5.466 0.13			1.0
TPE	HZ	79	327	IAML	2152	8.884	18038	0.5	
NEST	HZ	91	29	EP	2152	6.303 1.14			1.0
NEST	HN	91	29	ES	2152	8.215-0.00			1.0
NEST	HZ	91	29	IAML	2152	9.928	5760	0.3	
LKD2	HZ	102	174	EP	2152	6.882 0.31			1.0
LKD2	HN	102	174	ES	2152	0.812 0.03			1.0
KBN	HZ	104	12	EP	2152	7.802 0.92			1.0
KBN	HN	104	12	ES	2152	1.278-0.06			1.0
KBN	HZ	104	12	IAML	2152	2.870	772	1.0	
AL05AHZ	112	354	EP	2152	8.618 0.84				1.0
AL05AHN	112	354	ES	2152	2.690-0.26				1.0
BERA	HZ	121	336	EP	2152	9.275 0.34			1.0
BERA	HE	121	336	ES	2152	5.296 0.25			1.0
BERA	HZ	121	336	IAML	2152	6.365	3059	0.4	
VLO	HZ	122	314	EP	2152	9.163 0.11			1.0
VLO	HZ	122	314	IAML	2152	0.923	1420	0.8	
KZN	HZ	126	57	EP	2152	0.048 0.46			1.0
THL	HZ	129	96	EP	2152	0.525 0.64			1.0
THL	HN	129	96	ES	2152	6.581-0.20			1.0
BPA2	HZ	138	326	EP	2152	1.497 0.48			1.0
BELS	EZ	150	340	EP	2152	2.828 0.21			1.0
AL08AHZ	160	347	EP	2152	4.547 0.69				0.9
AL08AHN	160	347	ES	2152	3.781-0.18				0.9
AL04AHZ	166	331	EP	2152	5.622 0.94				0.9
SCTE	HZ	181	284	EP	2152	5.836-0.71			0.9
TIR	HZ	191	343	EP	2152	7.770-0.08			0.9
TIR	HZ	191	343	IAML	2153	7.372	478	0.8	
DRSH	EZ	195	334	EP	2152	9.363 1.03			0.9
AL02AHZ	212	334	EP	2152	0.753 0.22				0.9
AL03AHZ	215	348	EP	2152	0.842-0.15				0.9
PHP	HZ	220	358	EP	2152	1.798 0.16			0.9
PHP	HZ	220	358	IAML	2153	3.886	593	0.9	
LACI	HZ	225	343	EP	2152	1.387-0.84			0.9
LACI	HZ	225	343	IAML	2153	0.109	398	0.9	
THE	HZ	232	63	EP	2152	2.193-0.90			0.9
PLG	HZ	260	72	EP	2152	5.690-1.05			0.9
KKS	HZ	263	358	EP	2152	7.166 0.02			0.9
PUK	HZ	265	349	EP	2152	6.569-0.88			0.9
SDA	HZ	274	342	EP	2152	7.139-1.40			0.8
SDA	HZ	274	342	IAML	2153	1.882	90	1.5	
BCI	HZ	298	353	EP	2152	1.707 0.07			0.8
BCI	HZ	298	353	IAML	2153	5.468	224	0.7	
AL01AHZ	305	345	EP	2152	1.228-1.32				0.8
ITM	HZ	306	156	EP	2152	2.230-0.38			0.8
PDG	HZ	321	341	EP	2152	3.398-1.08			0.8
PDG	HZ	321	341	IAML	2153	2.785	186	0.7	
PVY	HZ	324	352	EP	2152	4.864-0.24			0.8
PEJK	HZ	327	356	EP	2152	4.950-0.42			0.8
NVR	HZ	337	56	EP	2152	5.688-0.90			0.8
BOSS	SZ	350	27	EP	2152	7.257-1.08			0.8
ME05AHZ	350	332	EP	2152	7.888-0.31				0.8
ME01AHZ	353	351	EP	2152	8.529-0.17				0.8

January 9 2024 Hour: 2:44 53.4 Lat: 40.16N Lon: 19.88E D: 9.0 Ag: TIR Local
Magnitudes: 2.5ML TIR 2.9MW TIR Rms: 0.6 secs
13 km NE of Himare

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GE03	EZ			IP	A	0245	3.180								
TPE	HZ	19	36	EP		0244	6.624	-0.59							1.0
TPE	HN	19	36	ES		0245	0.335	0.05							1.0
TPE	HZ	19	36	IAML		0245	0.480			917	0.2				
SRN	HZ	32	162	EP		0244	9.227	-0.17							1.0
SRN	HE	32	162	ES		0245	4.530	0.30							1.0
SRN	HZ	32	162	IAML		0245	6.554			93	0.2				
VLO	HZ	48	317	EP		0245	1.782	-0.35							1.0
VLO	HE	48	317	ES		0245	9.801	0.61							1.0
VLO	HZ	48	317	IAML		0245	3.737			101	0.6				
KEK	HZ	50	188	EP		0245	2.168	-0.28							1.0
KEK	HN	50	188	ES		0245	9.784	0.02							1.0
KEK	HZ	50	188	IAML		0245	3.159			257	0.6				
LSK	HZ	61	90	EP		0245	4.144	-0.31							1.0
LSK	HE	61	90	ES		0245	3.413	0.02							1.0
LSK	HZ	61	90	IAML		0245	3.143			163	0.7				
BERA	HZ	61	5	EP		0245	3.780	-0.65							1.0
BERA	HE	61	5	ES		0245	3.444	0.10							1.0
BERA	HZ	61	5	IAML		0245	5.659			230	0.6				
BPA2	HZ	68	341	EP		0245	5.190	-0.34							1.0
AL05AHZ		75	35	EP		0245	6.398	-0.35							1.0
AL05AHE		75	35	ES		0245	7.420	-0.12							1.0
IGT	HZ	79	151	EP		0245	7.606	0.13							1.0
IGT	HN	79	151	ES		0245	8.578	-0.27							1.0
IGT	HZ	79	151	IAML		0245	5.172			61	1.1				
BELS	EZ	91	2	EP		0245	9.468	0.10							1.0
BELS	EE	91	2	ES		0245	2.080	-0.20							1.0
KBN	HZ	93	56	EP		0245	9.468	-0.29							1.0
KBN	HN	93	56	ES		0245	3.302	0.31							1.0
KBN	HZ	93	56	IAML		0245	9.903			19	1.0				
AL04AHZ		98	344	EP		0245	1.334	0.67							1.0
NEST	HZ	103	73	EP		0245	1.980	0.45							1.0
NEST	HE	103	73	ES		0245	5.802	-0.39							1.0
NEST	HZ	103	73	IAML		0245	9.599			29	0.5				
AL08AHZ		107	10	EP		0245	2.931	0.81							1.0
AL08AHE		107	10	ES		0245	7.843	0.59							1.0
SCTE	HZ	121	266	EP		0245	4.151	-0.29							1.0
SCTE	HE	121	266	ES		0245	1.303	-0.17							1.0
DRSH	EZ	129	346	EP		0245	6.746	1.03							1.0
TIR	HZ	132	359	EP		0245	5.896	-0.44							1.0
TIR	HN	132	359	ES		0245	4.994	0.10							1.0
AL03AHZ		161	4	EP		0245	1.053	-0.05							0.9
KZN	HZ	162	83	EP		0245	2.090	0.85							0.9
LACI	HZ	165	355	EP		0245	1.651	-0.12							0.9
LACI	HZ	165	355	IAML		0245	9.646			40	1.7				
LKD2	HZ	166	156	EP		0245	2.278	0.37							0.9
LKD2	HE	166	156	ES		0245	4.675	-0.31							0.9
PHP	HZ	176	15	EP		0245	3.396	-0.18							0.9
PHP	HZ	176	15	IAML		0245	3.832			33	1.4				
THL	HZ	194	109	EP		0245	7.058	1.30							0.9
PUK	HZ	210	0	EP		0245	7.582	-0.30							0.9
PUK	HZ	210	0	IAML		0246	5.272			3	0.5				
SDA	HZ	213	351	EP		0245	7.698	-0.50							0.9
KKS	HZ	217	11	EP		0245	9.570	0.75							0.9
AL01AHZ		245	354	EP		0245	0.975	-1.48							0.9
BCI	HZ	246	4	EP		0245	1.443	-1.07							0.9
NOCI	HZ	249	287	EP		0245	4.368	1.46							0.9
ME02AHZ		339	349	EP		0245	3.406	-1.18							0.8

January 11 2024 Hour: 23:32 46.8 Lat: 40.97N Lon: 20.97E D: 7.7 Ag: TIR Local
Magnitudes: 3.7ML TIR 3.7MW TIR Rms: 0.6 secs
21 km N of Pustec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GE03	EZ			IP	0A	2333	0.690								
AL07AHZ		26	252	EP		2332	2.047	0.35							1.0
AL07AHN		26	252	ES		2332	5.796	0.14							1.0
KBN	HZ	42	202	EP		2332	4.690	0.27							1.0
KBN	HE	42	202	ES		2333	0.411	-0.18							1.0
KBN	HZ	42	202	IAML		2333	2.064		1098	0.2					1.0
AL05AHZ		57	239	EP		2332	7.209	0.06							1.0
AL05AHN		57	239	ES		2333	4.359	-1.16							1.0
NEST	HZ	62	174	EP		2332	7.861	-0.18							1.0
NEST	HE	62	174	ES		2333	7.041	-0.09							1.0
NEST	HZ	62	174	IAML		2333	8.824		4619	0.4					1.0
AL08AHZ		75	282	EP		2333	0.098	-0.09							1.0
AL08AHE		75	282	ES		2333	1.527	0.50							1.0
BELS	EZ	89	270	EP		2333	2.433	-0.18							1.0
BELS	EN	89	270	ES		2333	4.969	-0.45							1.0
PHP	HZ	91	331	EP		2333	2.717	-0.18							1.0
PHP	HE	91	331	ES		2333	5.117	-0.82							1.0
PHP	HZ	91	331	IAML		2333	0.309		1452	0.3					1.0
BERA	HZ	91	251	EP		2333	2.187	-0.78							1.0
BERA	HZ	91	251	IAML		2333	8.656		924	0.3					1.0
LSK	HZ	97	199	EP		2333	3.938	0.03							1.0
LSK	HN	97	199	ES		2333	7.413	-0.34							1.0
LSK	HZ	97	199	IAML		2333	5.746		1619	0.5					1.0
KZN	HZ	100	137	EP		2333	4.794	0.32							1.0
KZN	HE	100	137	ES		2333	8.285	-0.50							1.0
TIR	HZ	102	294	EP		2333	4.977	0.25							1.0
TIR	HN	102	294	ES		2333	9.390	0.15							1.0
TIR	HZ	102	294	IAML		2333	3.809		299	0.5					1.0
BURR	EN	107	311	ES		2333	0.554	-0.25							1.0
AL03AHZ		107	311	EP		2333	5.832	0.23							1.0
BURR	EZ	107	311	EP		2333	5.832	0.24							1.0
AL03AHN		107	311	ES		2333	0.554	-0.27							1.0
TPE	HZ	111	227	EP		2333	5.938	-0.23							1.0
TPE	HE	111	227	ES		2333	1.666	-0.19							1.0
TPE	HZ	111	227	IAML		2333	4.891		1220	0.6					1.0
BPA2	HZ	117	257	EP		2333	7.115	-0.17							1.0
AL04AHZ		119	272	EP		2333	9.314	1.77							1.0
LACI	HZ	128	305	EP		2333	9.076	-0.06							1.0
LACI	HN	128	305	ES		2333	6.957	-0.26							1.0
LACI	HZ	128	305	IAML		2333	2.558		667	0.8					1.0
KKS	HZ	131	339	EP		2333	9.764	0.14							1.0
KKS	HN	131	339	ES		2333	8.333	0.23							1.0
VLO	HZ	137	246	EP		2333	1.336	0.80							1.0
VLO	HN	137	246	ES		2333	9.704	-0.04							1.0
VLO	HZ	137	246	IAML		2333	4.916		557	0.3					1.0
SRN	HZ	147	215	EP		2333	3.104	0.92							1.0
SRN	HE	147	215	ES		2333	3.245	0.51							1.0
SRN	HZ	147	215	IAML		2333	5.898		217	1.2					1.0
PUK	HZ	149	323	EP		2333	2.613	-0.04							1.0
PUK	HN	149	323	ES		2333	3.622	0.03							1.0
PUK	HZ	149	323	IAML		2333	0.418		166	0.6					1.0
IGT	HZ	169	199	EP		2333	6.141	0.24							0.9
IGT	HN	169	199	ES		2333	9.533	0.07							0.9
IGT	HZ	169	199	IAML		2333	6.804		450	0.6					1.0
BCI	HZ	172	334	EP		2333	6.445	-0.02							0.9
BCI	HE	172	334	ES		2333	8.645	-1.84							0.9
BCI	HZ	172	334	IAML		2333	6.018		245	1.0					1.0
THE	HZ	172	102	EP		2333	5.855	-0.60							0.9
SDA	HZ	172	315	EP		2333	6.052	-0.28							0.9

SDA	HN	172	315	ES	2333	9.926	-0.31										0.9
SDA	HZ	172	315	IAML	2333	3.562		142	0.4								
KEK	HZ	172	216	EP	2333	6.838	0.46										0.9
KEK	HN	172	216	ES	2333	9.750	-0.58										0.9
KEK	HZ	172	216	IAML	2333	3.660		500	0.7								
THL	HZ	180	150	EP	2333	6.739	-0.76										0.9
GMRK	HZ	188	6	EP	2333	8.954	0.21										0.9
PEJK	HZ	194	343	EP	2333	0.080	0.61										0.9
PVY	HZ	199	335	EP	2333	0.762	0.64										0.9
BOSS	SZ	210	36	EP	2333	1.350	-0.11										0.9
PDG	HZ	216	319	EP	2333	3.322	1.21										0.9
PDG	HZ	216	319	IAML	2333	6.039		389	0.6								
BARS	BZ	216	19	EP	2333	2.430	0.18										0.9
PLG	HZ	219	107	EP	2333	2.143	-0.50										0.9
ME01AHZ		227	337	EP	2333	4.894	1.25										0.9

January 12 2024 Hour: 0:31 9.8 Lat: 40.97N Lon: 20.98E D: 7.7 Ag: TIR Local
Magnitudes: 3.2ML TIR 3.4MW TIR Rms: 0.4 secs
22 km N of Pustec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GE03	EZ			IP	0A	0031	3.840								
AL07AHZ		27	252	EP		0031	5.105	0.24							1.0
AL07AHN		27	252	ES		0031	8.717	-0.24							1.0
KBN	HZ	42	203	EP		0031	7.578	0.05							1.0
KBN	HE	42	203	ES		0031	3.672	-0.11							1.0
MOGL	EZ	58	239	ES		0031	8.977	0.15							1.0
AL05AHZ		58	239	EP		0031	0.281	-0.03							1.0
MOGL	EZ	58	239	EP		0031	0.256	-0.06							1.0
AL05AHN		58	239	ES		0031	8.258	-0.56							1.0
NEST	HZ	63	175	EP		0031	1.102	0.04							1.0
NEST	HN	63	175	ES		0031	0.028	-0.16							1.0
NEST	HZ	63	175	IAML		0031	3.834		685	0.3					
AL08AHZ		76	281	EP		0031	3.380	0.05							1.0
AL08AHN		76	281	ES		0031	4.613	0.33							1.0
BELS	EZ	90	270	EP		0031	5.287	-0.48							1.0
BELS	EZ	90	270	ES		0031	9.044	0.34							1.0
PHP	HZ	91	330	EP		0031	5.641	-0.29							1.0
PHP	HN	91	330	ES		0031	8.286	-0.71							1.0
PHP	HZ	91	330	IAML		0031	3.603		512	0.4					
BERA	HZ	92	251	EP		0031	5.410	-0.72							1.0
BERA	HN	92	251	ES		0031	8.885	-0.46							1.0
BERA	HZ	92	251	IAML		0031	6.838		334	0.6					
LSK	HZ	97	200	EP		0031	7.161	0.16							1.0
LSK	HE	97	200	ES		0031	1.228	0.30							1.0
LSK	HZ	97	200	IAML		0031	4.507		326	0.5					
KZN	HZ	100	138	EP		0031	7.596	0.20							1.0
KZN	HE	100	138	ES		0031	1.230	-0.41							1.0
TIR	HZ	103	294	EP		0031	7.765	-0.08							1.0
TIR	HE	103	294	ES		0031	3.152	0.69							1.0
TIR	HZ	103	294	IAML		0031	0.033		116	0.6					
BURR	EN	108	311	ES		0031	4.212	0.25							1.0
AL03AHZ		108	311	EP		0031	8.771	0.09							1.0
AL03AHN		108	311	ES		0031	3.750	-0.23							1.0
BURR	EZ	108	311	EP		0031	8.746	0.07							1.0
TPE	HZ	111	228	EP		0031	9.147	-0.17							1.0
TPE	HN	111	228	ES		0031	4.779	-0.35							1.0
TPE	HZ	111	228	IAML		0031	7.513		259	0.6					
AL04AHZ		120	272	EP	*	0031	3.072	2.38							0.0
AL04AHN		120	272	ES		0031	0.046	0.05							1.0
LACI	HZ	129	305	EP		0031	2.083	-0.15							1.0
LACI	HN	129	305	ES		0031	0.349	-0.05							1.0
LACI	HZ	129	305	IAML		0031	5.777		206	0.7					
KKS	HZ	131	338	EP		0031	2.691	0.06							1.0
KKS	HN	131	338	ES		0031	1.220	0.11							1.0

SRN	HZ	148	215	EP	0031	5.814	0.51												1.0
SRN	HN	148	215	ES	0031	5.930	-0.03												1.0
PUK	HZ	150	323	EP	0031	5.426	-0.28												1.0
PUK	HN	150	323	ES	0031	6.597	-0.09												1.0
PUK	HZ	150	323	IAML	0032	3.599		47	0.3										
IGT	HZ	170	199	EP	0031	9.686	0.69												0.9
IGT	HE	170	199	ES	0032	2.906	0.27												0.9
IGT	HZ	170	199	IAML	0032	3.411		107	0.5										
THE	HZ	171	102	EP	0031	9.108	-0.19												0.9
SDA	HZ	172	314	EP	0031	9.596	0.20												0.9
SDA	HN	172	314	ES	0032	3.516	0.14												0.9
BCI	HZ	172	334	EP	0031	9.805	0.32												0.9
BCI	HE	172	334	ES	0032	3.145	-0.38												0.9
BCI	HZ	172	334	IAML	0032	8.316		84	0.7										
KEK	HZ	173	216	EP	0031	0.361	0.86												0.9
KEK	HN	173	216	ES	0032	3.358	-0.20												0.9
KEK	HZ	173	216	IAML	0032	4.797		138	0.7										
THL	HZ	179	150	EP	0031	0.130	-0.33												0.9
THL	HN	179	150	ES	0032	4.802	-0.50												0.9
GMRK	HZ	188	6	EP	0031	1.874	0.19												0.9
GMRK	HN	188	6	ES	0032	7.774	0.27												0.9
PEJK	HZ	194	343	EP	0031	2.749	0.29												0.9
PEJK	HN	194	343	ES	0032	8.154	-0.76												0.9
PVY	HZ	199	335	EP	0031	3.328	0.20												0.9
PVY	HN	199	335	ES	0032	9.570	-0.56												0.9
BOSS	SZ	209	36	EP	0031	4.357	0.01												0.9
BOSS	SN	209	36	ES	0032	2.382	0.06												0.9
PDG	HZ	216	319	IAML	0032	9.218		107	0.5										
BARS	BZ	216	18	EP	0031	5.257	0.09												0.9
PDG	HZ	216	319	EP	0031	4.778	-0.37												0.9
PDG	HN	216	319	ES	0032	3.940	0.15												0.9
PLG	HZ	218	107	EP	0031	5.504	-0.02												0.9
ME01AHZ		227	337	EP	0031	7.261	0.61												0.9
LKD2	HZ	244	187	EP	0031	9.112	0.28												0.9
NVR	HZ	245	79	EP	0031	9.112	0.14												0.9
ME05AHZ		264	309	EP	0031	1.922	0.64												0.9
SJES	BZ	267	342	EP	0031	1.943	0.06												0.9
ME02AHZ		287	328	EP	0031	6.242	1.80												0.2
ME02AHN		287	328	ES	0032	0.883	0.28												0.8

January 13 2024 Hour: 23:17 51.4 Lat: 41.00N Lon: 19.89E D: 22.2 Ag: TIR Local
Magnitudes: 4.4ML TIR 4.2MW TIR Rms: 0.5 secs
2 km N of Belsh

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BELS	EZ	4	147	EP	C	2317	5.254	-0.12							1.0
BELS	EN	4	147	ES		2317	8.307	-0.25							1.0
BELS	EN	4	147	ES		2317	8.569	0.01							1.0
AL08AHZ		22	58	EP	D	2317	6.803	0.01							1.0
AL08AHN		22	58	ES		2318	1.315	0.18							1.0
AL04AHZ		27	271	EP		2317	8.495	0.98							1.0
AL04AHN		27	271	ES		2318	2.634	0.19							1.0
BERA	HZ	34	171	EP	C	2317	8.055	-0.34							1.0
BERA	HE	34	171	ES		2318	3.786	-0.25							1.0
BERA	HZ	34	171	IAML		2318	4.274		37550	0.3					
BPA2	HZ	38	217	EP		2317	8.452	-0.52							1.0
BPA2	HN	38	217	ES		2318	5.199	0.12							1.0
TIR	HZ	38	357	EP	C	2317	8.995	-0.11							1.0
TIR	HE	38	357	ES		2318	5.671	0.36							1.0
TIR	HZ	38	357	IAML		2318	2.332		6754	0.5					
MOGL	EZ	54	128	EP	D	2318	1.527	0.03							1.0
MOGL	EN	54	128	ES		2318	9.794	0.15							1.0
AL05AHZ		54	128	EP	D	2318	1.570	0.07							1.0
AL05AHN		54	128	ES		2318	0.218	0.56							1.0
AL03AHZ		67	8	EP	D	2318	3.158	-0.48							1.0

AL03AHN	67	8	ES		2318	3.497	-0.02										1.0
BURR	EZ	67	8	EP	D	2318	2.971	-0.67									1.0
BURR	EN	67	8	ES		2318	3.431	-0.09									1.0
AL07AHZ	68	99	EP	D	2318	3.539	-0.19										1.0
AL07AHN	68	99	ES		2318	4.211	0.53										1.0
VLO	HZ	68	209	EP		2318	3.826	0.13									1.0
VLO	HN	68	209	ES		2318	4.123	0.51									1.0
VLO	HZ	68	209	IAML		2318	8.105		9194	0.3							1.0
LACI	HZ	72	349	EP	C	2318	3.481	-0.87									1.0
LACI	HN	72	349	ES		2318	4.917	0.10									1.0
LACI	HZ	72	349	IAML		2318	9.515		4115	0.5							1.0
TPE	HZ	79	172	EP	D	2318	5.331	-0.24									1.0
TPE	HN	79	172	ES		2318	7.807	0.78									1.0
TPE	HZ	79	172	IAML		2318	6.004		9487	0.3							1.0
KBN	HZ	87	119	EP	D	2318	6.084	-0.77									1.0
KBN	HN	87	119	ES		2318	9.057	-0.28									1.0
KBN	HZ	87	119	IAML		2318	0.850		1333	0.7							1.0
PHP	HZ	89	31	EP		2318	6.534	-0.64									1.0
PHP	HN	89	31	ES		2318	0.575	0.65									1.0
PHP	HZ	89	31	IAML		2318	0.075		4279	0.9							1.0
LSK	HZ	112	147	EP	D	2318	9.925	-0.95									1.0
LSK	HN	112	147	ES		2318	7.381	0.76									1.0
LSK	HZ	112	147	IAML		2318	8.949		8473	0.3							1.0
PUK	HZ	116	0	EP		2318	2.170	0.77									1.0
PUK	HN	116	0	ES		2318	7.633	0.07									1.0
PUK	HZ	116	0	IAML		2318	2.451		961	0.2							1.0
NEST	HZ	118	123	EP	D	2318	1.015	-0.77									1.0
NEST	HN	118	123	ES		2318	8.390	0.13									1.0
NEST	HZ	118	123	IAML		2318	5.097		3542	1.0							1.0
SDA	HZ	121	345	EP		2318	2.057	-0.09									1.0
SDA	HE	121	345	ES		2318	8.888	-0.03									1.0
SRN	HZ	125	176	EP		2318	2.949	0.15									1.0
SRN	HN	125	176	ES		2318	0.031	-0.07									1.0
SRN	HZ	125	176	IAML		2318	5.877		2762	0.3							1.0
KKS	HZ	126	20	EP		2318	3.551	0.48									1.0
KKS	HN	126	20	ES		2318	0.429	-0.17									1.0
KEK	HZ	143	183	EP	D	2318	5.033	-0.68									1.0
KEK	HN	143	183	ES		2318	4.858	-0.52									1.0
KEK	HZ	143	183	IAML		2318	9.646		5935	0.5							1.0
BCI	HZ	152	6	EP		2318	7.760	0.69									1.0
BCI	HN	152	6	ES		2318	8.068	0.23									1.0
BCI	HZ	152	6	IAML		2318	5.461		1010	0.5							1.0
PDG	HZ	167	342	EP	D	2318	8.166	-0.72									0.9
PDG	HN	167	342	ES		2318	1.037	-0.08									0.9
PDG	HZ	167	342	IAML		2318	8.331		1778	0.6							0.9
IGT	HZ	168	167	EP		2318	9.927	0.93									0.9
IGT	HN	168	167	ES		2318	1.249	-0.07									0.9
IGT	HZ	168	167	IAML		2318	6.389		3154	0.5							0.9
PVY	HZ	177	2	EP	C	2318	0.864	0.53									0.9

January 13 2024 Hour: 23:23 28.5 Lat: 41.01N Lon: 19.89E D: 19.5 Ag: TIR Local
Magnitudes: 2.6ML TIR 3.0MW TIR Rms: 0.3 secs
4 km NW of Belsh

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BELS	EZ	5	158	EP		2323	1.954	-0.07							1.0
BELS	EN	5	158	ES		2323	4.793	-0.10							1.0
AL08AHZ	21	61	EP		2323	3.461	0.04								1.0
AL08AHN	21	61	ES		2323	7.667	0.25								1.0
AL04AHZ	28	268	EP		2323	5.031	0.69								1.0
BERA	HZ	35	172	EP		2323	4.815	-0.62							1.0
BERA	HN	35	172	ES		2323	0.844	-0.22							1.0
BERA	HZ	35	172	IAML		2323	1.639		646	0.2					1.0
TIR	HZ	37	357	EP		2323	5.900	0.17							1.0
TIR	HN	37	357	ES		2323	1.693	0.08							1.0

TIR	HZ	37	357	IAML	2323	7.308		173	0.3					
MOGL	EZ	55	129	EP	2323	8.433-0.09								1.0
AL05AHZ		55	129	EP	2323	8.293-0.23								1.0
MOGL	EN	55	129	ES	2323	6.745 0.09								1.0
AL05AHN		55	129	ES	2323	6.739 0.08								1.0
BURR	EZ	66	8	EP	2323	9.989-0.35								1.0
BURR	EN	66	8	ES	2323	0.144 0.20								1.0
AL03AHZ		66	8	EP	2323	0.055-0.29								1.0
AL03AHN		66	8	ES	2323	0.043 0.10								1.0
AL07AHZ		68	101	EP	2323	0.251-0.42								1.0
VLO	HZ	69	209	EP	2323	1.200 0.34								1.0
VLO	HN	69	209	ES	2323	1.021 0.13								1.0
VLO	HZ	69	209	IAML	2323	4.881		107	0.2					
LACI	HZ	71	348	EP	2323	0.377-0.70								1.0
LACI	HN	71	348	ES	2323	1.407 0.12								1.0
LACI	HZ	71	348	IAML	2323	4.576		115	0.4					
TPE	HZ	81	172	EP	2323	2.698-0.07								1.0
TPE	HN	81	172	ES	2323	4.457 0.12								1.0
TPE	HZ	81	172	IAML	2324	0.429		143	0.6					
KBN	HZ	87	120	EP	2323	3.517-0.38								1.0
KBN	HN	87	120	ES	2323	6.764 0.37								1.0
KBN	HZ	87	120	IAML	2324	0.906		21	0.3					
PHP	HZ	88	32	EP	2323	3.345-0.58								1.0
PHP	HN	88	32	ES	2323	6.576 0.15								1.0
PHP	HZ	88	32	IAML	2324	0.676		132	1.1					
LSK	HZ	113	148	EP	2323	8.013-0.19								1.0
LSK	HN	113	148	ES	2324	4.088-0.09								1.0
LSK	HZ	113	148	IAML	2324	6.484		91	0.4					
PUK	HZ	114	0	EP	2323	8.386 0.05								1.0
PUK	HN	114	0	ES	2324	4.395-0.03								1.0
PUK	HZ	114	0	IAML	2324	8.704		36	0.3					
SDA	HZ	119	344	EP	2323	9.407 0.28								1.0
SDA	HN	119	344	ES	2324	5.643-0.20								1.0
SDA	HZ	119	344	IAML	2324	7.742		19	0.3					
NEST	HZ	119	124	EP	2323	9.236 0.17								1.0
NEST	HN	119	124	ES	2324	5.899 0.16								1.0
NEST	HZ	119	124	IAML	2324	1.407		96	0.6					
KKS	HZ	125	20	EP	2323	0.169 0.13								1.0
SRN	HZ	126	176	EP	2323	0.821 0.61								1.0
SRN	HN	126	176	ES	2324	8.131 0.31								1.0
SRN	HZ	126	176	IAML	2324	2.347		27	0.2					
KEK	HZ	145	183	EP	2323	3.076-0.06								1.0
KEK	HN	145	183	ES	2324	2.653-0.45								1.0
KEK	HZ	145	183	IAML A	2324	5.844		123	1.0					
BCI	HZ	151	6	EP	2323	4.600 0.49								1.0
BCI	HN	151	6	ES	2324	5.057 0.19								1.0
PDG	HZ	166	342	EP	2323	5.616-0.43								0.9
PDG	HN	166	342	ES	2324	7.662-0.71								0.9
IGT	HZ	169	167	EP	2323	6.497-0.00								0.9
IGT	HN	169	167	ES	2324	9.090-0.11								0.9
IGT	HZ	169	167	IAML	2324	2.703		36	0.3					
PVY	HZ	176	2	EP	2323	7.695 0.22								0.9
KZN	HZ	178	116	EP	2323	7.837 0.16								0.9
PEJK	HZ	184	10	EP	2323	9.180 0.72								0.9
ME02AHZ		246	345	EP	2324	6.602 0.05								0.9

January 16 2024 Hour: 1:27 33.8 Lat: 40.37N Lon: 20.02E D: 5.2 Ag: TIR Local
Magnitudes: 2.9ML TIR 3.2MW TIR Rms: 0.3 secs
4 km NE of Memaliaj

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TPE	HZ	8	185	EP		0127	5.884	0.29							1.0
TPE	HE	8	185	ES		0127	6.956-0.09								1.0
TPE	HZ	8	185	IAML		0127	0.496		4264	0.2					
BERA	HZ	37	350	EP		0127	0.196-0.35								1.0

BERA	HN	37	350	ES	0127	6.375	0.36			1.0
BERA	HZ	37	350	IAML	0127	9.770		1200	0.4	
VLO	HZ	46	284	EP	0127	1.855	-0.25			1.0
VLO	HE	46	284	ES	0127	8.813	-0.02			1.0
VLO	HZ	46	284	IAML	0128	1.079		338	0.2	
MOGL	EZ	48	40	EP	0127	2.380	-0.13			1.0
MOGL	EZ	48	40	ES	0127	9.477	-0.09			1.0
AL05AHZ		49	40	EP	0127	2.416	-0.10			1.0
AL05AHN		49	40	ES	0127	9.497	-0.08			1.0
BPA2	HZ	53	319	EP	0127	3.368	0.11			1.0
SRN	HZ	55	182	EP	0127	3.423	-0.15			1.0
SRN	HE	55	182	ES	0127	1.680	0.18			1.0
SRN	HZ	55	182	IAML	0128	2.775		65	0.3	
LSK	HZ	55	116	EP	0127	3.425	-0.19			1.0
LSK	HN	55	116	ES	0127	1.611	0.04			1.0
LSK	HZ	55	116	IAML	0128	8.529		434	0.7	
BELS	EZ	67	352	EP	0127	5.440	-0.42			1.0
KBN	HZ	71	66	EP	0127	6.402	-0.03			1.0
KBN	HE	71	66	ES	0127	6.965	0.29			1.0
KEK	HZ	76	195	EP	0127	7.568	0.25			1.0
KEK	HE	76	195	ES	0127	8.319	0.05			1.0
KEK	HZ	76	195	IAML	0128	8.389		326	0.4	
AL07AHZ		81	43	EP	0127	7.760	-0.49			1.0
AL04AHZ		81	331	EP	0127	9.279	1.02			1.0
AL04AHE		81	331	ES	0127	9.634	-0.33			1.0
NEST	HZ	87	86	EP	0127	9.143	-0.25			1.0
NEST	HZ	87	86	IAML	0128	2.771		112	0.4	
IGT	HZ	97	164	EP	0127	0.861	-0.15			1.0
IGT	HZ	97	164	IAML	0128	0.405		150	0.4	
TIR	HZ	109	353	EP	0127	3.296	0.18			1.0
TIR	HE	109	353	ES	0128	9.264	0.50			1.0
TIR	HZ	109	353	IAML	0128	5.105		90	0.5	
AL03AHZ		137	359	EP	0127	7.970	0.28			1.0
SCTE	HZ	137	256	EP	0127	7.409	-0.25			1.0
LACI	HZ	143	350	EP	0127	8.966	0.26			1.0
LACI	HZ	143	350	IAML	0128	5.508		92	0.6	
KZN	HZ	149	92	EP	0127	9.816	0.12			1.0
PHP	HZ	150	13	EP	0128	0.022	0.09			1.0
PHP	HZ	150	13	IAML	0128	6.444		105	0.6	
LKD2	HZ	184	163	EP	0128	5.003	-0.38			0.9
THL	HZ	192	117	EP	0128	7.106	0.71			0.9
KKS	HZ	192	9	EP	0128	6.959	0.58			0.9
BCI	HZ	222	1	EP	0128	0.032	-0.21			0.9
BCI	HZ	222	1	IAML	0128	3.950		44	0.9	
PDG	HZ	237	345	EP	0128	1.893	-0.31			0.9
PDG	HZ	237	345	IAML	0128	7.647		30	0.6	
PVY	HZ	247	359	EP	0128	4.001	0.41			0.9
PEJK	HZ	253	5	EP	0128	4.374	0.05			0.9
GMRK	HZ	273	21	EP	0128	6.661	-0.23			0.8
ME01AHZ		275	358	EP	0128	6.961	-0.17			0.8
NKME	HZ	281	342	EP	0128	7.287	-0.55			0.8
PLG	HZ	290	89	EP	0128	9.102	0.04			0.8
BARS	BZ	310	28	EP	0128	1.207	-0.33			0.8
BARS	BZ	310	28	IAML	0129	4.377		9	1.0	
BOSS	SZ	312	40	EP	0128	1.440	-0.40			0.8
ME02AHZ		318	347	EP	0128	2.320	-0.43			0.8
SJES	BZ	321	359	EP	0128	2.639	-0.44			0.8
SJES	BZ	321	359	IAML	0129	9.122		148	1.5	
NVR	HZ	342	70	EP	0128	6.135	0.52			0.8
ITM	HZ	391	154	EP	0128	2.080	0.16			0.7

January 16 2024 Hour: 5:15 29.1 Lat: 40.36N Lon: 20.02E D: 5.6 Ag: TIR Local
 Magnitudes: 2.6ML TIR 3.1MW TIR Rms: 0.4 secs
 3 km E of Memaliaj

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TPE	HZ	7	181	EP		0515	1.155	0.42							1.0
TPE	HE	7	181	ES		0515	2.105	0.05							1.0
TPE	HZ	7	181	IAML		0515	7.839			5147	0.4				
BERA	HZ	39	351	EP		0515	5.494	-0.60							1.0
BERA	HN	39	351	ES		0515	1.800	0.05							1.0
BERA	HZ	39	351	IAML		0515	5.878			1016	0.3				
VLO	HZ	46	286	EP		0515	7.588	0.21							1.0
VLO	HN	46	286	ES		0515	4.248	0.18							1.0
VLO	HZ	46	286	IAML		0515	9.938			215	0.2				
AL05AHE		50	39	ES		0515	5.125	-0.25							1.0
MOGL	EZ	50	39	EP		0515	7.934	-0.16							1.0
AL05AHZ		50	39	EP		0515	7.996	-0.10							1.0
SRN	HZ	53	182	EP		0515	8.500	-0.14							1.0
SRN	HE	53	182	ES		0515	6.346	-0.02							1.0
SRN	HZ	53	182	IAML		0515	0.778			86	0.3				
BPA2	HZ	53	321	EP		0515	8.751	0.06							1.0
LSK	HZ	55	115	EP		0515	8.649	-0.28							1.0
LSK	HN	55	115	ES		0515	6.626	-0.26							1.0
LSK	HZ	55	115	IAML		0515	5.962			250	0.5				
BELS	EZ	69	353	EP		0515	1.078	-0.33							1.0
KBN	HZ	72	65	EP		0515	1.612	-0.34							1.0
KBN	HE	72	65	ES		0515	2.203	-0.16							1.0
KBN	HZ	72	65	IAML		0515	9.632			40	1.1				
KEK	HZ	74	195	EP		0515	2.630	0.26							1.0
KEK	HN	74	195	ES		0515	2.938	-0.17							1.0
KEK	HZ	74	195	IAML		0515	5.778			148	0.5				
AL04AHZ		82	332	EP		0515	4.959	1.22							1.0
AL07AHZ		82	43	EP		0515	3.180	-0.65							1.0
AL08AHZ		83	5	EP		0515	4.054	0.04							1.0
AL08AHN		83	5	ES		0515	6.420	0.33							1.0
NEST	HZ	88	86	EP		0515	4.536	-0.30							1.0
NEST	HN	88	86	ES		0515	7.921	0.34							1.0
NEST	HZ	88	86	IAML		0516	6.794			68	0.8				
IGT	HZ	96	164	EP		0515	6.215	0.11							1.0
IGT	HN	96	164	ES		0515	9.689	-0.19							1.0
IGT	HZ	96	164	IAML		0516	9.689			77	0.5				
TIR	HZ	111	353	EP		0515	8.709	0.09							1.0
TIR	HE	111	353	ES		0516	4.552	0.13							1.0
TIR	HZ	111	353	IAML		0516	4.408			39	0.7				
SCTE	HZ	136	257	EP		0515	3.144	0.36							1.0
SCTE	HE	136	257	ES		0516	1.502	-0.46							1.0
AL03AHZ		138	360	EP		0515	3.417	0.21							1.0
AL03AHN		138	360	ES		0516	3.871	1.15							1.0
LACI	HZ	144	350	EP		0515	3.957	-0.25							1.0
LACI	HN	144	350	ES		0516	4.526	-0.00							1.0
LACI	HZ	144	350	IAML		0516	0.409			54	1.0				
KZN	HZ	149	92	EP		0515	4.959	-0.12							1.0
KZN	HE	149	92	ES		0516	6.237	0.12							1.0
PHP	HZ	152	13	EP		0515	5.460	-0.01							1.0
PHP	HE	152	13	ES		0516	6.857	0.03							1.0
PHP	HZ	152	13	IAML		0516	6.918			58	1.1				
LKD2	HZ	183	162	EP		0516	0.402	-0.10							0.9
LKD2	HN	183	162	ES		0516	6.504	0.58							0.9
THL	HZ	192	117	EP		0516	2.069	0.42							0.9
THL	HE	192	117	ES		0516	8.679	0.67							0.9
KKS	HZ	193	9	EP		0516	2.434	0.60							0.9
KKS	HE	193	9	ES		0516	8.487	0.15							0.9
BCI	HZ	223	1	EP		0516	5.722	0.04							0.9
BCI	HE	223	1	ES		0516	5.053	-0.26							0.9

BCI	HZ	223	1	IAML	0516	4.222			16	0.7				
PDG	HZ	239	345	EP	0516	7.749	0.13							0.9
PDG	HN	239	345	ES	0516	7.364	-1.44							0.9
PDG	HZ	239	345	IAML	0516	1.354			25	0.6				
PVY	HZ	248	359	EP	0516	9.263	0.23							0.9
PVY	HN	248	359	ES	0516	1.849	0.48							0.9
NOCI	HZ	255	282	EP	0516	9.435	-0.27							0.9
NOCI	HN	255	282	ES	0516	1.985	-0.60							0.9
PEJK	HZ	255	5	EP	0516	9.735	-0.04							0.9
NKME	HZ	282	342	EP	0516	3.261	0.02							0.8
PLG	HZ	291	89	EP	0516	4.627	0.22							0.8
BARS	BZ	311	28	EP	0516	6.748	-0.25							0.8
BARS	BZ	311	28	IAML	0516	8.398			6	1.2				
BOSS	SZ	313	40	EP	0516	6.961	-0.33							0.8
ME02AHZ		320	347	EP	0516	7.751	-0.42							0.8
SJES	BZ	323	359	EP	0516	7.861	-0.66							0.8
SJES	BZ	323	359	IAML	0517	7.032			77	0.8				
MRVN	HZ	332	285	EP	0516	9.396	-0.29							0.8

January 16 2024 Hour: 12:33 33.3 Lat: 40.37N Lon: 20.01E D: 3.7 Ag: TIR Local
Magnitudes: 2.6ML TIR 3.3MW TIR Rms: 0.4 secs
3 km NE of Memaliaj

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TPE	HZ	8	176	EP		1233	5.185	0.24							1.0
TPE	HE	8	176	ES		1233	6.387	0.13							1.0
TPE	HZ	8	176	IAML		1233	9.823		5658	0.5					
BERA	HZ	38	352	EP		1233	9.651	-0.42							1.0
BERA	HN	38	352	ES		1233	5.761	0.23							1.0
BERA	HZ	38	352	IAML		1233	9.013		1204	0.5					
VLO	HZ	45	285	EP		1233	1.617	0.22							1.0
VLO	HN	45	285	ES		1233	8.083	0.15							1.0
VLO	HZ	45	285	IAML		1233	6.060		136	0.3					
MOGL	EZ	50	41	EP		1233	1.968	-0.24							1.0
AL05AHZ		50	41	EP		1233	1.747	-0.47							1.0
AL05AHE		50	41	ES		1233	9.192	-0.22							1.0
SRN	HZ	54	181	EP		1233	2.916	-0.11							1.0
SRN	HE	54	181	ES		1233	0.841	-0.04							1.0
SRN	HZ	54	181	IAML		1233	4.638		84	0.8					
LSK	HZ	56	116	EP		1233	2.631	-0.68							1.0
LSK	HN	56	116	ES		1233	1.339	-0.06							1.0
LSK	HZ	56	116	IAML		1233	9.945		223	0.6					
BELS	EZ	68	353	EP		1233	4.530	-0.87							0.2
KBN	HZ	72	66	EP		1233	6.004	-0.18							1.0
KBN	HN	72	66	ES		1233	6.986	0.39							1.0
KBN	HZ	72	66	IAML		1234	3.798		35	0.8					
KEK	HZ	75	194	EP		1233	6.722	-0.00							1.0
KEK	HE	75	194	ES		1233	7.789	0.22							1.0
KEK	HZ	75	194	IAML		1233	8.852		152	0.4					
AL08AHZ		82	5	EP		1233	8.010	-0.03							1.0
AL08AHN		82	5	ES		1234	0.236	0.29							1.0
NEST	HZ	88	86	EP		1233	9.090	-0.06							1.0
NEST	HN	88	86	ES		1234	2.030	0.07							1.0
IGT	HZ	97	163	EP		1233	0.264	-0.36							1.0
IGT	HN	97	163	ES		1234	4.906	0.27							1.0
IGT	HZ	97	163	IAML		1234	0.925		69	0.4					
TIR	HZ	109	354	EP		1233	3.014	0.24							1.0
TIR	HE	109	354	ES		1234	9.183	0.67							1.0
TIR	HZ	109	354	IAML		1234	0.213		40	0.6					
SCTE	HZ	135	256	EP		1233	7.266	0.20							1.0
SCTE	HE	135	256	ES		1234	5.478	-0.80							1.0
AL03AHZ		137	360	EP		1233	7.038	-0.33							1.0
BURR	EZ	137	360	EP		1233	7.258	-0.11							1.0
LACI	HZ	143	350	EP		1233	8.732	0.38							1.0
LACI	HZ	143	350	IAML		1234	4.383		60	0.5					

KZN	HZ	150	92	EP	1234	0.456	0.91										1.0
KZN	HN	150	92	ES	1234	0.528	-0.24										1.0
PHP	HZ	151	14	EP	1233	9.509	-0.16										1.0
PHP	HZ	151	14	IAML	1234	9.217				63	0.9						
LKD2	HZ	184	162	EP	1234	5.929	0.81										0.9
SDA	HZ	192	347	EP	1234	6.117	0.07										0.9
KKS	HZ	192	10	EP	1234	6.735	0.57										0.9
BCI	HZ	222	1	EP	1234	9.981	-0.03										0.9
BCI	HZ	222	1	IAML	1234	2.039				16	1.1						
PDG	HZ	237	345	EP	1234	2.055	0.14										0.9
PDG	HZ	237	345	IAML	1234	6.480				16	0.5						
PVY	HZ	247	359	EP	1234	3.162	-0.19										0.9
NKME	HZ	281	342	EP	1234	7.319	-0.22										0.8
PLG	HZ	292	89	EP	1234	8.962	0.01										0.8
BARS	BZ	311	28	EP	1234	0.990	-0.39										0.8
BARS	BZ	311	28	IAML	1234	6.635				5	1.1						
BOSS	SZ	313	40	EP	1234	1.224	-0.47										0.8
ME02AHZ		318	347	EP	1234	1.752	-0.72										0.8

January 19 2024 Hour: 5:11 38.8 Lat: 40.95N Lon: 20.14E D: 12.5 Ag: TIR Local
Magnitudes: 2.7ML TIR 3.1MW TIR Rms: 0.2 secs
10 km NW of Gramsh

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL08AHZ		18	350	EP		0511	2.833	0.18							1.0
AL08AHE		18	350	ES		0511	6.026	0.27							1.0
BELS EZ		19	277	EP		0511	2.870	-0.04							1.0
BELS EN		19	277	ES		0511	6.248	0.03							1.0
BERA HZ		32	210	EP		0511	4.648	-0.22							1.0
BERA HN		32	210	ES		0511	9.522	-0.24							1.0
BERA HZ		32	210	IAML		0511	0.579			1344	0.4				
MOGL EZ		34	142	EP		0511	5.255	-0.07							1.0
MOGL EN		34	142	ES		0511	0.681	0.08							1.0
AL05AHZ		35	142	EP		0511	5.185	-0.15							1.0
AL05AHE		35	142	ES		0511	0.621	0.02							1.0
AL07AHZ		46	97	EP		0511	7.201	-0.01							1.0
AL07AHE		46	97	ES		0511	4.364	0.36							1.0
TIR HZ		50	333	EP		0511	7.953	0.10							1.0
TIR HE		50	333	ES		0511	5.209	0.03							1.0
TIR HZ		50	333	IAML		0511	6.944			110	0.2				
BPA2 HZ		50	241	EP		0511	7.750	-0.16							1.0
BPA2 HN		50	241	ES		0511	5.536	0.26							1.0
KBN HZ		66	123	EP		0511	0.037	-0.47							1.0
KBN HE		66	123	ES		0511	9.867	-0.11							1.0
KBN HZ		66	123	IAML		0512	1.908			74	0.4				
BURR EZ		73	351	EP		0511	1.711	-0.05							1.0
BURR EN		73	351	ES		0512	2.427	0.18							1.0
TPE HZ		74	188	EP		0511	1.901	0.10							1.0
TPE HE		74	188	ES		0512	2.238	-0.07							1.0
TPE HZ		74	188	IAML		0512	6.769			350	1.0				
VLO HZ		76	226	EP		0511	2.256	0.01							1.0
VLO HE		76	226	ES		0512	3.319	0.19							1.0
VLO HZ		76	226	IAML		0512	1.439			142	0.3				
LACI HZ		84	335	EP		0511	3.028	-0.52							1.0
LACI HN		84	335	ES		0512	5.100	-0.37							1.0
LACI HZ		84	335	IAML		0512	1.071			199	0.4				
PHP HZ		85	17	EP		0511	3.823	0.01							1.0
PHP HE		85	17	ES		0512	5.900	-0.05							1.0
PHP HZ		85	17	IAML		0512	2.963			106	0.9				
SRN HZ		119	186	EP		0511	9.719	0.29							1.0
SRN HN		119	186	ES		0512	6.323	0.21							1.0
SRN HZ		119	186	IAML		0512	1.007			56	0.9				
PUK HZ		123	350	EP		0511	9.717	-0.39							1.0
PUK HE		123	350	ES		0512	7.476	0.13							1.0
PUK HZ		123	350	IAML		0512	2.648			54	0.4				

KKS	HZ	127	10	EP	0512	0.524-0.14											1.0
SDA	HZ	133	337	EP	0512	1.565-0.19											1.0
SDA	HN	133	337	ES	0512	0.379 0.04											1.0
SDA	HZ	133	337	IAML	0512	7.630			18	0.5							
KEK	HZ	140	192	EP	0512	3.369 0.43											1.0
KEK	HE	140	192	ES	0512	2.348-0.12											1.0
KEK	HZ	140	192	IAML	0512	8.844			198	0.8							
KZN	HZ	155	117	EP	0512	5.207-0.27											1.0
KZN	HE	155	117	ES	0512	7.209 0.14											1.0
BCI	HZ	157	358	EP	0512	5.962 0.15											0.9
BCI	HN	157	358	ES	0512	7.995 0.33											0.9
BCI	HZ	157	358	IAML	0512	5.014			55	0.5							
AL01AHZ	163	343	EP	0512	6.339-0.39												0.9
AL01AHN	163	343	ES	0512	9.476 0.14												0.9
SCTE	HZ	172	236	EP	0512	7.828-0.14											0.9
PDG	HZ	180	336	EP	0512	8.916-0.05											0.9
PDG	HN	180	336	ES	0512	3.422 0.03											0.9
PDG	HZ	180	336	IAML	0512	4.493			70	0.6							
PVY	HZ	183	355	EP	0512	9.132-0.43											0.9
PVY	HN	183	355	ES	0512	4.504 0.05											0.9
PEJK	HZ	188	3	EP	0512	0.956 0.80											0.9
GMRK	HZ	210	25	EP	0512	3.012 0.07											0.9
ME05AHZ	216	322	EP	0512	3.904 0.34												0.9
THL	HZ	222	133	EP	0512	4.434 0.13											0.9
NKME	HZ	225	334	EP	0512	4.692-0.09											0.9
BARS	BZ	250	33	EP	0512	7.838-0.11											0.9
BOSS	SZ	259	48	EP	0512	8.994-0.15											0.9
PLG	HZ	287	102	EP	0512	2.675-0.04											0.8

January 22 2024 Hour: 9: 6 0.8 Lat: 40.47N Lon: 19.62E D: 20.9 Ag: TIR Local
Magnitudes: 2.6ML TIR 2.8MW TIR Rms: 0.4 secs
7 km S of Selenice

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GE03	EZ			IP	A	0906	6.090								
VLO	HZ	10	270	EP		0906	4.644-0.23								1.0
VLO	HN	10	270	ES		0906	7.818-0.34								1.0
VLO	HZ	10	270	IAML		0906	9.850			856	0.6				
BPA2	HZ	29	0	EP		0906	7.616 0.62								1.0
BERA	HZ	38	47	EP		0906	7.767-0.58								1.0
BERA	HE	38	47	ES		0906	3.578-0.87								1.0
BERA	HZ	38	47	IAML		0906	4.015			319	0.5				
TPE	HZ	39	120	EP		0906	7.834-0.63								1.0
TPE	HN	39	120	ES		0906	3.801-0.86								1.0
TPE	HZ	39	120	IAML		0906	6.773			226	0.2				
AL04AHZ	60	355	EP	0906	1.520-0.24										1.0
AL04AHN	60	355	ES	0906	0.791 0.18										1.0
MOGL	EZ	71	68	EP		0906	3.743 0.24								1.0
AL05AHN	71	68	ES	0906	4.157 0.37										1.0
MOGL	EE	71	68	ES		0906	4.058 0.28								1.0
AL05AHZ	71	68	EP	0906	3.264-0.24										1.0
SRN	HZ	73	153	EP		0906	4.521 0.65								1.0
SRN	HN	73	153	ES		0906	4.652 0.20								1.0
SRN	HZ	73	153	IAML		0906	7.647			40	0.3				
AL08AHZ	82	30	EP	0906	5.690 0.40										1.0
AL08AHE	82	30	ES	0906	7.424 0.41										1.0
KEK	HZ	85	170	EP		0906	6.411 0.51								1.0
KEK	HE	85	170	ES		0906	8.644 0.52								1.0
KEK	HZ	85	170	IAML		0906	1.061			226	0.9				
TIR	HZ	100	12	EP		0906	8.603 0.32								1.0
TIR	HE	100	12	ES		0906	2.736 0.31								1.0
TIR	HZ	100	12	IAML		0906	0.379			30	0.9				
SCTE	HZ	107	246	EP		0906	9.510 0.03								1.0
SCTE	HN	107	246	ES		0906	4.066-0.53								1.0
IGT	HZ	121	149	EP		0906	2.193 0.62								1.0

IGT	HE	121	149	ES	0906	7.592-0.80									1.0
IGT	HZ	121	149	IAML	0906	0.041		53	1.6						
AL03AHZ		130	14	EP	0906	3.167 0.11									1.0
AL03AHN		130	14	ES	0906	0.809-0.26									1.0
LACI	HZ	130	4	EP	0906	3.360 0.32									1.0
LACI	HN	130	4	ES	0906	0.858-0.17									1.0
LACI	HZ	130	4	IAML	0906	6.191		31	0.5						
PHP	HZ	152	27	EP	0906	6.792 0.28									1.0
PHP	HE	152	27	ES	0906	6.761-0.56									1.0
PHP	HZ	152	27	IAML	0906	4.985		33	2.9						
PUK	HZ	176	7	EP	0906	9.633-0.07									0.9
PUK	HN	176	7	ES	0906	2.808-0.29									0.9
PUK	HZ	176	7	IAML	0907	0.963		8	0.4						
SDA	HZ	176	357	EP	0906	9.725 0.18									0.9
KZN	HZ	184	95	EP	0906	0.834 0.18									0.9
KZN	HN	184	95	ES	0906	4.942 0.13									0.9
KKS	HZ	190	20	EP	0906	1.419 0.04									0.9
KKS	HE	190	20	ES	0906	5.958-0.18									0.9
LKD2	HZ	207	154	EP	0906	3.050-0.51									0.9
NOCI	HZ	219	280	EP	0906	5.569 0.45									0.9
NOCI	HN	219	280	ES	0907	2.640-0.26									0.9
THL	HZ	228	115	EP	0906	6.590 0.37									0.9
PVY	HZ	238	7	EP	0906	7.469-0.17									0.9

January 22 2024 Hour: 10:22 23.4 Lat: 39.36N Lon: 20.57E D: 10.2 Ag: TIR Local
Magnitudes: 2.5ML TIR 2.9MW TIR Rms: 0.5 secs
47 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	28	313	EP		1022	8.660-0.08								1.0
IGT	HN	28	313	ES		1022	3.176 0.08								1.0
IGT	HZ	28	313	IAML		1022	3.176			248	0.1				
LKD2	HZ	64	173	EP		1022	4.670-0.13								1.0
LKD2	HN	64	173	ES		1022	4.066 0.01								1.0
SRN	HZ	76	320	EP		1022	6.200-0.55								1.0
SRN	HN	76	320	ES		1022	8.173 0.57								1.0
SRN	HZ	76	320	IAML		1022	1.484			13	0.7				
KEK	HZ	77	301	EP		1022	6.582-0.43								1.0
KEK	HE	77	301	ES		1022	8.377 0.31								1.0
KEK	HZ	77	301	IAML		1022	3.472			89	0.5				
TPE	HZ	114	335	EP		1022	3.531 0.37								1.0
TPE	HN	114	335	ES		1022	9.168-0.03								1.0
TPE	HZ	114	335	IAML		1023	4.071			51	0.8				
NEST	HZ	124	19	EP		1022	4.795-0.03								1.0
NEST	HN	124	19	ES		1023	2.798 0.58								1.0
NEST	HZ	124	19	IAML		1023	8.374			71	0.5				
THL	HZ	126	79	EP		1022	4.216-0.91								1.0
THL	HN	126	79	ES		1023	3.039 0.29								1.0
KBN	HZ	141	7	EP		1022	7.965 0.23								1.0
KZN	HZ	147	44	EP		1022	9.091 0.46								1.0
KZN	HN	147	44	ES		1023	8.770-0.32								1.0
AL05AHZ		150	354	EP		1022	9.539 0.37								1.0
AL05AHN		150	354	ES		1023	9.027-1.04								1.0
MOGL	EZ	150	354	EP		1022	9.892 0.73								1.0
BERA	HZ	158	341	EP		1022	0.499 0.00								0.9
BERA	HE	158	341	ES		1023	1.680-0.80								0.9
BERA	HZ	158	341	IAML		1023	9.081			24	1.0				
PHP	HZ	258	358	EP		1023	3.928 0.04								0.9
PLG	HZ	270	64	EP		1023	5.773 0.39								0.9

January 23 2024 Hour: 1:10 43.2 Lat: 40.28N Lon: 20.24E D: 20.8 Ag: TIR Local
Magnitudes: 2.9ML TIR 3.2MW TIR Rms: 0.5 secs
5 km SE of Kelcyre

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GE03	EZ			IP	0A	0111	0.330								
TPE	HZ	19	274	EP		0110	7.636	-0.52							1.0
TPE	HE	19	274	ES		0110	1.992	-0.14							1.0
MOGL	EZ	49	15	EP		0110	2.255	-0.15							1.0
MOGL	EE	49	15	ES		0110	9.893	0.06							1.0
SRN	HZ	49	205	EP		0110	2.547	0.11							1.0
SRN	HN	49	205	ES		0110	9.888	-0.00							1.0
SRN	HZ	49	205	IAML		0111	2.131			297	0.4				
BERA	HZ	53	332	EP	*	0110	2.076	-0.94							0.0
BERA	HN	53	332	ES		0111	0.102	0.11							1.0
BERA	HZ	53	332	IAML		0111	1.728			610	0.2				
KBN	HZ	60	51	EP		0110	3.661	-0.56							1.0
KBN	HN	60	51	ES		0111	3.234	0.12							1.0
KBN	HZ	60	51	IAML		0111	8.510			78	0.4				
VLO	HZ	67	288	EP		0110	5.507	0.28							1.0
VLO	HN	67	288	ES		0111	5.225	0.28							1.0
VLO	HZ	67	288	IAML		0111	8.916			472	0.6				
NEST	HZ	70	78	EP		0110	5.779	-0.14							1.0
NEST	HN	70	78	ES		0111	6.471	0.29							1.0
NEST	HZ	70	78	IAML		0111	8.795			283	0.3				
KEK	HZ	74	211	EP		0110	6.026	-0.38							1.0
KEK	HE	74	211	ES		0111	7.020	-0.04							1.0
KEK	HZ	74	211	IAML		0111	9.494			372	0.3				
AL07AHZ		78	28	EP		0110	6.469	-0.68							1.0
AL07AHN		78	28	ES		0111	8.105	-0.30							1.0
IGT	HZ	84	175	EP		0110	8.174	0.12							1.0
IGT	HN	84	175	ES		0111	0.184	0.14							1.0
IGT	HZ	84	175	IAML		0111	4.937			209	0.3				
AL08AHZ		92	353	EP		0110	9.230	-0.20							1.0
AL08AHN		92	353	ES		0111	3.288	0.75							1.0
AL04AHZ		99	325	EP	*	0111	2.858	2.33							0.0
AL04AHN		99	325	ES		0111	7.220	0.36							1.0
TIR	HZ	122	345	EP		0111	4.657	0.36							1.0
TIR	HE	122	345	ES		0111	1.769	0.42							1.0
TIR	HZ	122	345	IAML		0111	9.241			62	0.5				
KZN	HZ	130	88	EP		0111	5.596	0.02							1.0
KZN	HN	130	88	ES		0111	3.875	0.20							1.0
AL02AHZ		144	331	EP		0111	8.519	0.87							1.0
BURR	EN	148	352	ES		0111	8.684	0.08							1.0
AL03AHZ		148	352	EP		0111	8.371	0.06							1.0
BURR	EZ	148	352	EP		0111	8.469	0.16							1.0
AL03AHN		148	352	ES		0111	8.611	-0.00							1.0
SCTE	HZ	153	262	EP		0111	7.857	-1.18							0.5
PHP	HE	157	6	ES		0111	1.173	0.23							1.0
LACI	HZ	157	344	EP		0111	9.404	-0.12							1.0
LACI	HZ	157	344	IAML		0111	5.794			75	0.4				
PHP	HZ	157	6	EP		0111	9.900	0.30							1.0
PHP	HZ	157	6	IAML		0111	3.588			99	0.5				
LACI	HN	157	344	ES		0111	0.051	-0.76							1.0
LKD2	HZ	170	168	EP		0111	1.607	0.36							0.9
THL	HZ	171	117	EP		0111	2.274	0.86							0.9
THL	HN	171	117	ES		0111	4.733	0.50							0.9
PUK	HZ	198	352	EP		0111	4.971	0.09							0.9
PUK	HZ	198	352	IAML		0111	9.039			12	0.5				
KKS	HZ	199	4	EP		0111	6.407	1.37							0.5
SDA	HZ	206	343	EP		0111	5.424	-0.41							0.9
SDA	HZ	206	343	IAML		0111	4.227			6	0.7				
THE	HZ	234	80	EP		0111	9.037	-0.45							0.9
THE	HZ	234	80	IAML		0111	0.169			15	0.7				

PDG	HZ	252	341	EP	0111	1.136	-0.63										0.9
PVY	HZ	258	355	EP	0111	3.067	0.41										0.9
PEJK	HZ	262	1	EP	0111	3.365	0.22										0.9
PLG	HZ	273	87	EP	0111	3.071	-1.37										0.4
NOCI	HZ	275	283	EP	0111	2.320	-2.40										0.2
GMRK	HZ	276	17	EP	0111	5.025	0.04										0.8
ME01AHZ		286	354	EP	0111	6.478	0.25										0.8
NKME	HZ	296	339	EP	0111	6.244	-1.24										0.4
BOSS	SZ	308	36	EP	0111	8.757	-0.30										0.8
BARS	BZ	311	25	EP	0111	8.937	-0.37										0.8
NVR	HZ	328	68	EP	0111	1.252	-0.30										0.8
ME02AHZ		332	344	EP	0111	1.840	-0.40										0.8
SJES	BZ	332	356	EP	0111	1.974	-0.13										0.8
MRVN	HZ	353	285	EP	0111	1.978	-2.74										0.2
ITM	HZ	374	156	EP	0111	7.132	-0.35										0.8
SGRT	HZ	412	295	EP	0111	9.324	-3.04										0.0

January 23 2024 Hour: 22:47 8.6 Lat: 42.22N Lon: 19.39E D: 22.4 Ag: TIR Local
Magnitudes: 3.1ML TIR 3.3MW TIR Rms: 0.4 secs

3 km W of Koplík

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GE03	EZ			IP	0A	2247	2.260								
SDA	HZ	20	154	EP		2247	3.933	0.06							1.0
SDA	HN	20	154	ES		2247	7.967	-0.14							1.0
SDA	HZ	20	154	IAML		2247	8.802			188	0.1				
PDG	HZ	26	336	EP		2247	4.864	0.28							1.0
PDG	HN	26	336	ES		2247	9.390	-0.00							1.0
PDG	HZ	26	336	IAML		2247	0.426			2304	0.2				
PUK	HZ	46	115	EP		2247	7.566	0.07							1.0
PUK	HN	46	115	ES		2247	4.709	0.05							1.0
PVY	HZ	63	48	EP		2247	0.380	0.14							1.0
PVY	HN	63	48	ES		2247	9.345	-0.28							1.0
LACI	HZ	70	157	EP		2247	1.024	-0.19							1.0
LACI	HE	70	157	ES		2247	0.718	-0.68							1.0
LACI	HZ	70	157	IAML		2247	1.117			403	0.4				
NKME	HZ	71	330	EP		2247	1.288	-0.20							1.0
NKME	HN	71	330	ES		2247	1.422	-0.47							1.0
ME05AHZ		78	291	EP		2247	2.434	-0.05							1.0
ME05AHN		78	291	ES		2247	4.085	0.39							1.0
ME01AHZ		81	30	EP		2247	3.142	0.06							1.0
ME01AHN		81	30	ES		2247	4.681	-0.10							1.0
AL03AHZ		85	143	EP		2247	3.817	0.08							1.0
AL03AHE		85	143	ES		2247	6.281	0.32							1.0
KKS	HZ	85	100	EP		2247	3.325	-0.42							1.0
BURR	EZ	85	143	EP		2247	3.762	0.02							1.0
BURR	EN	85	143	ES		2247	6.462	0.49							1.0
BURR	EZ	85	143	IAML		2247	1.268			291	0.8				
TIR	HZ	104	158	EP		2247	6.603	-0.12							1.0
TIR	HE	104	158	ES		2247	1.579	0.22							1.0
TIR	HZ	104	158	IAML		2247	6.078			91	0.3				
PHP	HZ	105	124	EP		2247	6.413	-0.52							1.0
PHP	HN	105	124	ES		2247	2.130	0.39							1.0
PHP	HZ	105	124	IAML		2247	6.037			212	0.3				
ME02AHZ		107	348	EP		2247	7.541	0.28							1.0
ME02AHE		107	348	ES		2247	2.501	0.15							1.0
AL08AHZ		137	154	EP		2247	1.955	0.08							1.0
AL08AHN		137	154	ES		2247	0.956	0.26							1.0
GMRK	HZ	158	71	EP		2247	5.728	0.62							0.9
GMRK	HE	158	71	ES		2247	6.468	-0.07							0.9
BERA	HZ	174	164	EP		2247	7.102	0.08							0.9
BERA	HN	174	164	ES		2247	9.503	-0.51							0.9
BERA	HZ	174	164	IAML		2248	2.425			122	0.3				
MOGL	EZ	187	153	EP		*2247	9.867	1.12							0.0
AL05AHZ		187	153	EP		2247	9.427	0.68							0.9

AL05AHN	187	153	ES	2248	2.978-0.16									0.9
MOGL	EZ	187	153	ES	2248	4.285	0.04							0.9
BARS	BZ	210	71	EP	2247	1.733	0.07							0.9
KBN	HZ	212	146	EP	2247	2.030	0.11							0.9
KBN	HN	212	146	ES	2248	8.689	-0.18							0.9
KBN	HZ	212	146	IAML	2248	0.347		24	0.6					
TPE	HZ	220	166	EP	2247	2.668	-0.18							0.9
TPE	HZ	220	166	IAML	2248	7.376		75	0.6					
NEST	HZ	243	145	EP	2247	7.153	1.15							0.0
NEST	HZ	243	145	IAML	2248	1.685		62	0.4					
NOCI	HZ	251	232	EP	2247	5.371	-1.47							0.0
BOSS	SZ	255	82	EP	2247	7.455	0.01							0.9
SRN	HZ	264	169	EP	2247	7.926	-0.62							0.9
SRN	HZ	264	169	IAML	2248	3.385		14	0.6					
KEK	HZ	280	173	EP	2247	9.535	-1.05							0.2
KEK	HZ	280	173	IAML	2248	0.000		34	0.7					
KZN	HZ	291	136	EP	2247	2.518	0.43							0.8
MRVN	HZ	295	245	EP	2247	1.275	-1.33							0.0
SGRT	HZ	306	262	EP	2247	2.737	-1.34							0.0
IGT	HZ	308	165	EP	2247	3.566	-0.66							0.2
BLY	HZ	333	328	EP	2247	9.207	1.77							0.2
THL	HZ	368	142	EP	2248	1.741	-0.12							0.8
NVR	HZ	384	103	EP	2248	4.080	0.08							0.8
LKD2	HZ	395	164	EP	2248	3.865	-1.53							0.2
PLG	HZ	396	120	EP	2248	5.667	0.12							0.7
BZS	HZ	419	25	EP	2248	7.860	-0.58							0.7
RDO	HZ	525	101	EP	2248	1.705	-0.17							0.6

January 24 2024 Hour: 15:13 51.8 Lat: 41.81N Lon: 20.21E D: 15.3 Ag: TIR Local
Magnitudes: 2.6ML TIR 2.7MW TIR Rms: 0.4 secs
22 km NW of Peshkopi

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BURR	EZ	29	217	EP		1513	6.997	-0.56							1.0
BURR	EN	29	217	ES		1514	1.520	-0.66							1.0
AL03AHZ		29	217	EP		1513	7.012	-0.55							1.0
AL03AHN		29	217	ES		1514	1.591	-0.60							1.0
KKS	HZ	34	28	EP		1513	8.584	0.27							1.0
KKS	HN	34	28	ES		1514	3.486	-0.07							1.0
PUK	HZ	37	315	EP		1513	8.619	-0.35							1.0
PUK	HN	37	315	ES		1514	4.790	0.05							1.0
PUK	HZ	37	315	IAML		1514	8.385		183	0.6					
LACI	HZ	45	246	EP		1514	0.557	0.37							1.0
LACI	HN	45	246	ES		1514	7.910	0.96							1.0
LACI	HZ	45	246	IAML		1514	2.569		367	0.7					
TIR	HZ	59	210	EP		1514	2.842	0.45							1.0
TIR	HN	59	210	ES		1514	1.520	0.59							1.0
TIR	HZ	59	210	IAML		1514	3.965		70	0.4					
SDA	HZ	65	295	EP		1514	3.347	-0.09							1.0
SDA	HN	65	295	ES		1514	2.811	-0.01							1.0
SDA	HZ	65	295	IAML		1514	3.522		65	0.3					
AL08AHZ		78	187	EP		1514	5.097	-0.58							1.0
AL08AHE		78	187	ES		1514	6.848	-0.03							1.0
AL02AHZ		81	237	EP		1514	6.579	0.47							1.0
PVY	HZ	90	347	EP		1514	6.763	-0.91							1.0
PVY	HN	90	347	ES		1514	0.498	0.01							1.0
PEJK	HZ	93	3	EP		1514	8.606	0.47							1.0
PDG	HZ	105	312	EP		1514	9.405	-0.65							1.0
PDG	HN	105	312	ES		1514	4.943	0.14							1.0
PDG	HZ	105	312	IAML		1514	6.076		109	0.6					
AL07AHZ		108	159	EP		1514	0.958	0.34							1.0
AL07AHN		108	159	ES		1514	6.023	0.20							1.0
ME01AHZ		119	347	EP		1514	3.086	0.69							1.0
AL05AHZ		123	173	EP		1514	3.105	-0.03							1.0
BERA	HZ	125	190	EP		1514	3.027	-0.31							1.0

BERA	HN	125	190	ES	1514	0.815	0.07										1.0
BERA	HZ	125	190	IAML	1514	9.865		103	0.5								
GMRK	HZ	126	41	EP	1514	3.724	0.09										1.0
KBN	HZ	140	160	EP	1514	6.342	0.41										1.0
KBN	HN	140	160	ES	1514	5.938	0.49										1.0
KBN	HZ	140	160	IAML	1514	3.266		24	0.6								
NKME	HZ	149	316	EP	1514	7.779	0.36										1.0
ME05AHZ		158	298	EP	1514	8.633	-0.24										0.9
NEST	HZ	170	155	EP	1514	0.342	-0.18										0.9
NEST	HN	170	155	ES	1514	3.111	-0.63										0.9
NEST	HZ	170	155	IAML	1514	7.570		53	0.2								

January 25 2024 Hour: 0:29 10.2 Lat: 42.22N Lon: 19.39E D: 21.9 Ag: TIR Local
Magnitudes: 2.9ML TIR 3.1MW TIR Rms: 0.4 secs
3 km W of Koplik

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GE03	EZ			IP	0A	0029	4.680								
SDA	HZ	20	154	EP	D	0029	5.512	0.18							1.0
SDA	HN	20	154	ES		0029	9.117	-0.39							1.0
SDA	HZ	20	154	IAML		0029	9.650		472	0.1					
PDG	HZ	26	336	EP	C	0029	6.580	0.52							1.0
PDG	HE	26	336	ES		0029	1.043	0.21							1.0
PDG	HZ	26	336	IAML		0029	1.571		543	0.2					
PUK	HZ	46	115	EP	D	0029	9.237	0.29							1.0
PUK	HN	46	115	ES		0029	5.920	-0.15							1.0
PUK	HZ	46	115	IAML		0029	7.263		209	0.3					
PVY	HZ	63	48	EP	D	0029	1.805	0.10							1.0
PVY	HN	63	48	ES		0029	0.721	-0.33							1.0
LACI	HZ	70	157	EP	C	0029	2.580	-0.13							1.0
LACI	HE	70	157	ES		0029	2.065	-0.80							1.0
LACI	HZ	70	157	IAML		0029	3.334		513	0.5					
NKME	HZ	71	330	EP	C	0029	2.702	-0.30							1.0
NKME	HN	71	330	ES		0029	3.163	-0.24							1.0
ME05AHZ		78	291	EP	C	0029	4.271	0.25							1.0
ME05AHN		78	291	ES		0029	5.170	-0.08							1.0
ME01AHZ		81	30	EP	D	0029	4.761	0.20							1.0
ME01AHE		81	30	ES		0029	5.869	-0.36							1.0
AL03AHZ		85	143	EP	C	0029	5.293	0.07							1.0
AL03AHE		85	143	ES		0029	8.038	0.61							1.0
BURR	EZ	85	143	EP	D	0029	5.442	0.21							1.0
TIR	HZ	104	158	EP		0029	8.203	-0.06							1.0
TIR	HE	104	158	ES		0029	2.854	-0.06							1.0
TIR	HZ	104	158	IAML		0029	8.930		89	0.5					
PHP	HZ	105	124	EP		0029	8.387	-0.07							1.0
PHP	HE	105	124	ES		0029	2.820	-0.44							1.0
PHP	HZ	105	124	IAML		0029	5.518		159	0.4					
ME02AHZ		107	348	EP		0029	9.574	0.76							1.0
ME02AHN		107	348	ES		0029	4.026	0.11							1.0
ME03AHN		126	359	ES		0029	8.701	-0.62							1.0
SJES	BZ	126	22	EP	D	0029	1.734	-0.01							1.0
SJES	BN	126	22	ES		0029	8.331	-0.89							1.0
ME03AHZ		126	359	EP		0029	2.105	0.31							1.0
AL08AHZ		137	154	EP		0029	3.677	0.26							1.0
AL08AHN		137	154	ES		0029	1.968	-0.28							1.0
GMRK	HZ	158	71	EP		0029	7.250	0.60							0.9
GMRK	HN	158	71	ES		0029	8.096	-0.00							0.9
BPA2	HZ	166	173	EP		0029	7.641	0.12							0.9
BPA2	HE	166	173	ES		0029	9.674	0.00							0.9
BERA	HZ	174	164	EP		0029	8.695	0.10							0.9
BERA	HN	174	164	ES		0030	1.296	-0.32							0.9
BERA	HZ	174	164	IAML		0030	5.050		92	0.4					
AL07AHZ		181	143	EP		0029	9.959	0.39							0.9
MOGL	EZ	187	153	EP		0029	1.208	0.90							0.9
VLO	HZ	194	177	EP		0029	1.368	0.23							0.9

VLO	HZ	194	177	IAML	0030	2.005			39	0.4					
BARS	BZ	210	71	EP	0029	3.367	0.16								0.9
BARS	BZ	210	71	IAML	0030	0.784			35	1.2					
TPE	HZ	220	166	EP	0029	3.738	-0.68								0.9
TPE	HZ	220	166	IAML	0030	7.610			47	0.4					
NEST	HZ	243	145	EP	0029	8.552	0.99								0.9
NEST	HZ	243	145	IAML	0030	8.847			32	0.6					
NOCI	HZ	251	232	EP	0029	7.606	-0.83								0.9
BOSS	SZ	255	82	EP	0029	9.070	0.08								0.9
SRN	HZ	264	169	EP	0029	9.897	-0.22								0.9
SRN	HZ	264	169	IAML	0030	6.514			12	0.9					
KEK	HZ	280	173	EP	0029	1.224	-0.94								0.8
KEK	HZ	280	173	IAML	0030	0.410			44	0.7					
KZN	HZ	291	136	EP	0029	4.130	0.49								0.8
MRVN	HZ	296	245	EP	0029	3.982	-0.23								0.8
IGT	HZ	308	165	EP	0029	5.171	-0.62								0.8
IGT	HZ	308	165	IAML	0030	2.764			18	0.3					
THL	HZ	368	142	EP	0030	3.368	-0.05								0.8
NVR	HZ	384	103	EP	0030	6.318	0.77								0.8
PLG	HZ	396	120	EP	0030	7.478	0.38								0.7
RDO	HZ	525	101	EP	0030	3.392	-0.03								0.6

January 27 2024 Hour: 3:10 38.9 Lat: 38.83N Lon: 21.18E D: 10.3 Ag: TIR Local
Magnitudes: 2.8ML TIR 3.2MW TIR Rms: 0.4 secs
126 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GE03	EZ			IP	A	0311	2.110								
LKD2	HZ	45	265	EP		0310	7.864	0.61							1.0
LKD2	HE	45	265	ES		0310	3.828	-0.16							1.0
VLS	HZ	88	216	EP		0310	4.055	-0.40							1.0
VLS	HE	88	216	ES		0311	6.613	-0.41							1.0
IGT	HZ	107	317	EP		0310	7.808	0.26							1.0
IGT	HE	107	317	ES		0311	2.628	0.01							1.0
IGT	HZ	107	317	IAML		0311	0.253		102	0.3					
THL	HZ	109	41	EP		0310	8.130	0.22							1.0
THL	HN	109	41	ES		0311	2.768	-0.50							1.0
KEK	HZ	154	310	EP		0311	5.352	-0.07							1.0
KEK	HE	154	310	ES		0311	6.626	-0.25							1.0
KEK	HZ	154	310	IAML		0311	5.448		112	0.6					
SRN	HZ	155	319	EP		0311	5.784	0.31							1.0
SRN	HE	155	319	ES		0311	6.931	-0.04							1.0
SRN	HZ	155	319	IAML		0311	2.478		14	0.7					
KZN	HZ	172	17	EP		0311	8.341	-0.08							0.9
KZN	HN	172	17	ES		0311	2.202	-0.09							0.9
NEST	HZ	177	356	EP		0311	9.408	0.38							0.9
NEST	HZ	177	356	IAML		0311	8.970		41	0.5					
TPE	HZ	191	329	EP		0311	1.012	0.23							0.9
TPE	HE	191	329	ES		0311	6.781	0.20							0.9
TPE	HZ	191	329	IAML		0311	2.385		73	0.7					
ITM	HZ	194	160	EP		0311	1.493	0.26							0.9
ITM	HN	194	160	ES		0311	7.732	0.34							0.9
KBN	HZ	202	351	EP		0311	2.572	0.29							0.9
KBN	HN	202	351	ES		0311	9.610	0.32							0.9
KBN	HZ	202	351	IAML		0311	5.693		13	0.9					
MOGL	EZ	219	342	EP		0311	5.027	0.62							0.9
VLO	HZ	232	322	EP		0311	6.032	-0.04							0.9
BERA	HZ	233	334	EP		0311	6.238	0.06							0.9
BERA	HZ	233	334	IAML		0311	7.646		29	0.8					
PLG	HZ	260	48	EP		0311	9.401	-0.21							0.9
TIR	HZ	301	339	EP		0311	4.524	-0.40							0.8
AL02AHZ		324	333	EP		0311	8.145	0.31							0.8
AL03AHZ		324	342	EP		0311	7.438	-0.38							0.8
AL03AHZ		324	342	IAML	A	0312	5.586								
BURR	EZ	324	342	EP		0311	7.615	-0.20							0.8

LACI	HZ	336	339	EP	0311	8.321-0.99											0.8
NVR	HZ	362	38	EP	0311	2.951	0.23										0.8
PUK	HZ	373	343	EP	0311	3.623-0.61											0.8
PUK	HZ	373	343	IAML	0312	9.200				2	0.4						
SDA	HZ	385	339	EP	0311	5.245-0.39											0.8

January 27 2024 Hour: 18:54 4.0 Lat: 42.36N Lon: 19.32E D: 21.0 Ag: TIR Local
Magnitudes: 2.8ML TIR 3.2MW TIR Rms: 0.6 secs
19 km NW of Koplík

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GE03	EZ			IP	A	1854	1.740								
PDG	HZ	9	328	EP		1854	8.320	0.35							1.0
PDG	HN	9	328	ES		1854	1.576	0.41							1.0
PDG	HZ	9	328	IAML		1854	1.809			1603	0.3				
SDA	HZ	38	157	EP		1854	0.933-0.55								1.0
SDA	HE	38	157	ES		1854	7.246-0.28								1.0
SDA	HZ	38	157	IAML		1854	7.324			106	1.5				
NKME	HZ	54	326	EP		1854	3.757-0.32								1.0
NKME	HN	54	326	ES		1854	1.696-0.52								1.0
PVY	HZ	59	64	EP		1854	5.299	0.45							1.0
PVY	HN	59	64	ES		1854	4.095	0.48							1.0
PUK	HZ	59	127	EP		1854	4.732-0.18								1.0
PUK	HE	59	127	ES		1854	3.917	0.19							1.0
PUK	HZ	59	127	IAML		1854	6.373			162	0.5				
ME05AHZ		68	280	EP		1854	6.179-0.01								1.0
ME05AHN		68	280	ES		1854	6.070	0.03							1.0
ME01AHZ		71	40	EP		1854	7.356	0.57							1.0
ME01AHE		71	40	ES		1854	7.373	0.26							1.0
LACI	HZ	87	158	EP		1854	8.390-1.00								1.0
LACI	HN	87	158	ES		1854	0.304-1.53								1.0
LACI	HZ	87	158	IAML		1854	5.225			232	0.6				
ME02AHZ		90	350	EP		1854	9.844-0.07								1.0
ME02AHN		90	350	ES		1854	2.894	0.12							1.0
KKS	HZ	95	109	EP		1854	0.267-0.45								1.0
KKS	HE	95	109	ES		1854	4.383	0.14							1.0
AL03AHZ		102	146	EP		1854	1.951	0.11							1.0
AL03AHE		102	146	ES		1854	6.067-0.19								1.0
BURR	EZ	102	146	EP		1854	2.275	0.43							1.0
BURR	EN	102	146	ES		1854	6.649	0.38							1.0
TIR	HZ	121	158	EP		1854	5.383	0.46							1.0
TIR	HN	121	158	ES		1854	2.736	0.90							1.0
TIR	HZ	121	158	IAML		1854	0.571			75	0.6				
AL04AHZ		152	172	EP		1854	0.345	0.66							1.0
AL04AHN		152	172	ES		1854	1.542	1.08							1.0
AL08AHZ		154	155	EP		1854	9.850-0.13								1.0
AL08AHN		154	155	ES		1854	0.571-0.44								1.0
GMRK	HZ	160	77	EP		1854	1.210	0.41							0.9
GMRK	HE	160	77	ES		1854	1.218-1.27								0.9
BERA	HZ	192	164	EP		1854	3.930-0.85								0.9
BERA	HZ	192	164	IAML		1855	3.252			41	0.8				
AL05AHZ		205	154	EP		1854	6.805	0.31							0.9
AL05AHN		205	154	ES		1855	3.236	0.44							0.9
MOGL	EZ	205	154	EP		1854	7.102	0.61							0.9
BARS	BZ	211	75	EP		1854	7.388	0.08							0.9
BARS	BN	211	75	ES		1855	3.527-0.74								0.9
KBN	HZ	229	147	EP		1854	9.908	0.29							0.9
NEST	HZ	260	146	EP		1854	3.635-0.05								0.9
NEST	HN	260	146	ES		1855	5.748-0.07								0.9
NEST	HZ	260	146	IAML		1855	4.519			30	0.8				
SRN	HZ	281	168	EP		1854	6.293	0.00							0.8
SRN	HZ	281	168	IAML		1855	8.693			10	1.3				
KEK	HZ	297	172	EP		1854	8.107-0.19								0.8
KZN	HZ	307	137	EP		1854	1.409	1.75							0.8
IGT	HZ	326	164	EP		1854	0.754-1.23								0.8

IGT	HZ	326	164	IAML		1856	1.760			19	1.3				
NVR	HZ	394	105	EP		1855	0.710	-0.07							0.7
BZS	HZ	407	26	EP		1855	1.234	-1.18							0.7

January 29 2024 Hour: 14:9 7.0 Lat: 39.27N Lon: 21.18E D: 1.9 Ag: TIR Local
Magnitudes: 2.5ML TIR 2.9MW TIR Rms: 0.5 secs

95 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	71	220	EP		1409	9.999	0.43							1.0
LKD2	HN	71	220	ES		1409	0.043	0.27							1.0
IGT	HZ	79	292	EP		1409	0.365	-0.65							1.0
IGT	HN	79	292	ES		1409	1.975	-0.41							1.0
IGT	HZ	79	292	IAML		1409	3.087			65	0.4				
THL	HZ	79	66	EP		1409	1.206	0.18							1.0
THL	HN	79	66	ES		1409	2.114	-0.28							1.0
SRN	HZ	122	304	EP		1409	9.494	0.93							1.0
SRN	HE	122	304	ES		1409	5.623	-0.42							1.0
SRN	HZ	122	304	IAML		1409	6.955			13	0.7				
KZN	HZ	125	24	EP		1409	9.477	0.28							1.0
KZN	HN	125	24	ES		1409	6.430	-0.77							1.0
NEST	HZ	127	355	EP		1409	9.433	-0.09							1.0
NEST	HN	127	355	ES		1409	7.877	0.09							1.0
NEST	HZ	127	355	IAML		1409	4.758			38					
KEK	HZ	129	293	EP		1409	9.812	0.10							1.0
KEK	HN	129	293	ES		1409	8.017	-0.11							1.0
KEK	HZ	129	293	IAML		1409	4.205			55	0.2				
VLS	HZ	132	203	EP		1409	9.105	-1.22							1.0
VLS	HN	132	203	ES		1409	9.149	-0.09							1.0
TPE	HZ	151	319	EP		1409	3.900	0.44							1.0
TPE	HN	151	319	ES		1409	4.701	-0.21							1.0
TPE	HZ	151	319	IAML		1409	8.802			52	0.6				
KBN	HZ	154	347	EP		1409	4.162	0.25							1.0
MOGL	EZ	173	337	EP		1409	7.265	0.19							0.9
AL05AHZ		173	337	EP		1409	7.466	0.39							0.9
BERA	HZ	190	327	EP		1409	0.463	0.71							0.9
BERA	HN	190	327	ES		1410	6.282	-0.02							0.9
BERA	HZ	190	327	IAML		1410	1.059			20	0.7				
PLG	HZ	229	57	EP		1409	4.863	0.10							0.9
ITM	HZ	242	164	EP		1409	6.451	0.09							0.9

January 30 2024 Hour: 9:43 23.6 Lat: 40.17N Lon: 21.50E D: 23.4 Ag: TIR Local
Magnitudes: 3.2ML TIR 3.6MW TIR Rms: 0.4 secs

67 km SE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GE03	EZ			IP	A	0943	3.490								
KZN	HZ	28	56	EP		0943	0.449	0.48							1.0
KZN	HN	28	56	ES		0943	5.207	0.08							1.0
NEST	HZ	47	306	EP		0943	1.994	-0.76							1.0
NEST	HE	47	306	ES		0943	0.090	-0.09							1.0
NEST	HZ	47	306	IAML		0943	1.721			2541	0.6				
KBN	HZ	79	310	EP		0943	7.271	-0.45							1.0
KBN	HE	79	310	ES		0943	9.261	0.10							1.0
KBN	HZ	79	310	IAML		0943	7.082			271	0.3				
THL	HZ	80	146	EP		0943	7.317	-0.50							1.0
THL	HE	80	146	ES		0943	9.406	0.08							1.0
AL07AHZ		107	320	EP		0943	2.561	0.42							1.0
AL07AHN		107	320	ES		0943	7.597	0.43							1.0
AL05AHE		111	303	ES		0943	8.203	-0.17							1.0
MOGL	EZ	111	303	ES		0943	7.882	-0.49							1.0
AL05AHZ		111	303	EP		0943	2.507	-0.30							1.0
MOGL	EZ	111	303	EP		0943	2.717	-0.09							1.0
IGT	HZ	122	235	EP		0943	4.044	-0.43							1.0
IGT	HE	122	235	ES		0944	1.548	0.16							1.0
IGT	HZ	122	235	IAML		0944	6.784			229	0.8				

TPE	HZ	127	277	EP	0943	5.499	0.25										1.0
TPE	HN	127	277	ES	0944	2.853	0.06										1.0
TPE	HZ	127	277	IAML	0944	7.259		437	0.7								
SRN	HZ	132	257	EP	0943	6.060	0.08										1.0
SRN	HE	132	257	ES	0944	3.584	-0.52										1.0
SRN	HZ	132	257	IAML	0944	6.992		84	0.8								
THE	HZ	135	67	EP	0943	6.816	0.38										1.0
THE	HN	135	67	ES	0944	4.231	-0.70										1.0
THE	HZ	135	67	IAML	0944	9.798		100	0.5								
BERA	HZ	144	295	EP	0943	7.372	-0.59										1.0
BERA	HE	144	295	ES	0944	7.764	0.06										1.0
BERA	HZ	144	295	IAML	0944	1.374		319	0.7								
AL06AHZ	149	267	EP	0943	9.531	0.94											1.0
AL06AHN	149	267	ES	0944	8.864	0.02											1.0
KEK	HZ	154	251	EP	0943	9.642	0.38										1.0
KEK	HN	154	251	ES	0944	0.207	0.15										1.0
KEK	HZ	154	251	IAML	0944	4.718		209	0.9								
AL08AHZ	158	312	EP	0943	0.202	0.46											0.9
PLG	HZ	167	81	EP	0943	0.919	-0.07										0.9
LKD2	HZ	169	206	EP	0943	2.043	0.78										0.9
LKD2	HE	169	206	ES	0944	3.615	-0.05										0.9
VLO	HZ	174	282	EP	0943	1.943	0.16										0.9
VLO	HZ	174	282	IAML	0944	0.457		122	0.6								
AL04AHZ	189	300	EP	0943	3.729	0.00											0.9
TIR	HZ	190	314	EP	0943	4.357	0.41										0.9
TIR	HZ	190	314	IAML	0944	9.705		42	0.7								
PHP	HZ	191	332	EP	0943	4.106	0.05										0.9
PHP	HE	191	332	ES	0944	8.055	-0.66										0.9
PHP	HZ	191	332	IAML	0944	6.051		235	0.7								
LACI	HZ	222	318	EP	0943	8.072	0.11										0.9
KKS	HZ	231	337	EP	0943	8.848	-0.32										0.9
VLS	HZ	234	200	EP	0943	9.943	0.34										0.9
VLS	HN	234	200	ES	0944	7.875	-0.89										0.9
NVR	HZ	239	56	EP	0943	9.952	-0.28										0.9
SCTE	HZ	259	269	EP	0944	2.780	0.09										0.9
SDA	HZ	268	322	EP	0944	4.664	0.75										0.9
SDA	HZ	268	322	IAML	0944	0.589		15	0.8								
BOSS	SZ	271	17	EP	0944	4.306	-0.07										0.9
GMRK	HZ	278	355	EP	0944	5.403	0.14										0.8
PEJK	HZ	293	340	EP	0944	7.426	0.19										0.8
BARS	BZ	296	5	EP	0944	6.950	-0.50										0.8
BARS	BZ	296	5	IAML	0944	4.933		35	0.9								
PVY	HZ	299	335	EP	0944	8.694	0.70										0.8
PDG	HZ	314	324	EP	0944	9.970	0.25										0.8
PDG	HZ	314	324	IAML	0945	5.791		44	1.2								
ME01AHZ	327	336	EP	0944	1.880	0.37											0.8
NKME	HZ	359	324	EP	0944	5.349	-0.24										0.8
SJES	BZ	367	340	EP	0944	6.537	-0.12										0.8
SJES	BZ	367	340	IAML	0945	6.007		217	0.6								
MRVN	HZ	460	284	EP	0944	7.890	-0.62										0.7

January 31 2024 Hour: 3:20 29.9 Lat: 41.08N Lon: 20.22E D: 13.7 Ag: TIR Local
Magnitudes: 2.8ML TIR 3.1MW TIR Rms: 0.5 secs
12 km E of Elbasan

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GE03	EZ			IP	0A	0320	2.920								
AL08AHZ		10	290	EP	D	0320	2.587	-0.38							1.0
AL08AHE		10	290	ES		0320	5.445	0.03							1.0
TIR	HZ	42	316	EP	C	0320	7.337	-0.40							1.0
TIR	HE	42	316	ES		0320	4.369	0.32							1.0
TIR	HZ	42	316	IAML		0320	8.783		203	0.2					
MOGL	EZ	44	160	EP	C	0320	7.665	-0.32							1.0
MOGL	EZ	44	160	IAML		0320	6.240		590	0.2					
AL05AHE		44	160	ES		0320	4.738	0.22							1.0

MOGL EZ	44	160	ES		0320	4.695	0.19				1.0
AL07AHZ	44	116	EP	D	0320	8.564	0.56				1.0
AL07AHN	44	116	ES		0320	5.081	0.55				1.0
AL05AHZ	44	160	EP	C	0320	7.663	-0.33				1.0
BERA HZ	47	209	EP	D	0320	7.332	-1.19				0.5
BERA HN	47	209	ES		0320	5.197	-0.27				1.0
BERA HZ	47	209	IAML		0320	6.879		458	0.2		
AL04AHZ	56	262	EP	C	0320	0.743	0.82				1.0
AL04AHE	56	262	ES		0320	8.119	0.11				1.0
AL03AHE	61	343	ES		0320	0.037	0.30				1.0
BURR EZ	61	343	ES		0320	9.982	0.26				1.0
AL03AHZ	61	343	EP	C	0320	0.620	-0.26				1.0
BURR EZ	61	343	EP	C	0320	0.644	-0.23				1.0
BURR EZ	61	343	IAML		0320	1.397		268	0.4		
BPA2 HZ	63	233	EP	C	0320	0.382	-0.81				1.0
BPA2 HN	63	233	ES		0320	9.943	-0.36				1.0
KBN HZ	70	136	EP	C	0320	1.899	-0.40				0.7
KBN HN	70	136	ES		0320	2.543	0.23				1.0
PHP HZ	70	15	EP	C	0320	2.202	-0.22				1.0
PHP HN	70	15	ES		0320	2.644	0.11				1.0
PHP HZ	70	15	IAML		0320	7.798		133	0.4		
LACI HZ	75	326	EP	C	0320	2.414	-0.75				1.0
LACI HN	75	326	ES		0320	3.946	0.07				1.0
LACI HZ	75	326	IAML		0320	6.184		196	0.4		
AL02AHZ	78	299	EP		0320	4.532	0.87				1.0
AL02AHN	78	299	ES		0320	5.195	0.42				1.0
TPE HZ	88	191	EP		0320	4.919	-0.46				1.0
TPE HE	88	191	ES		0320	7.844	-0.04				1.0
TPE HZ	88	191	IAML		0321	5.520		204	0.5		
VLO HZ	91	222	EP		0320	5.799	0.03				1.0
VLO HN	91	222	ES		0320	8.562	-0.04				1.0
VLO HZ	91	222	IAML		0321	2.412		87	0.5		
NEST HZ	102	136	EP		0320	7.029	-0.63				0.7
NEST HN	102	136	ES		0321	2.145	0.13				1.0
NEST HZ	102	136	IAML		0321	6.990		111	0.6		
PUK HZ	111	346	EP	C	0320	8.887	-0.29				1.0
PUK HN	111	346	ES		0321	5.127	0.36				1.0
KKS HZ	112	8	EP		0320	9.382	0.04				1.0
KKS HE	112	8	ES		0321	5.269	0.22				1.0
AL06AHZ	116	200	EP		0320	0.109	0.09				1.0
AL06AHN	116	200	ES		0321	7.039	0.76				1.0
SDA HZ	124	331	EP		0320	0.330	-0.94				1.0
SDA HN	124	331	ES		0321	8.638	0.10				1.0
SRN HZ	134	188	EP		0320	3.148	0.18				1.0
SRN HN	134	188	ES		0321	2.225	0.60				1.0
SRN HZ	134	188	IAML		0321	9.900		32	0.7		
KEK HZ	155	193	EP		0320	6.604	0.05				1.0
KEK HN	155	193	ES		0321	8.351	0.25				1.0
KEK HZ	155	193	IAML		0321	0.140		136	0.6		
KZN HZ	157	122	EP		0320	6.436	-0.39				1.0
KZN HN	157	122	ES		0321	8.400	-0.21				1.0
PDG HN	170	333	ES		0321	1.625	-0.38				0.9
PDG HZ	170	333	IAML		0321	5.253		61	0.6		
PVY HN	170	353	ES		0321	2.552	0.26				0.9
PDG HZ	170	333	EP		0320	7.602	-1.10				0.9
PVY HZ	170	353	EP		0320	8.496	-0.37				0.9
IGT HZ	172	177	EP		0320	9.189	0.27				0.9
IGT HE	172	177	ES		0321	2.118	-0.27				0.9
IGT HZ	172	177	IAML		0321	0.582		50	0.7		
PEJK HZ	174	2	EP		0321	0.329	1.00				0.9
PEJK HN	174	2	ES		0321	3.871	0.74				0.9
SCTE HZ	185	234	EP		0321	0.623	-0.02				0.9
GMRK HZ	195	25	EP		0321	1.956	-0.02				0.9
ME01AHZ	199	352	EP		0321	2.986	0.53				0.9

ME05AHZ	209	318	EP	0321	3.840	0.11											0.9
NKME HZ	215	331	EP	0321	4.381	-0.18											0.9
THL HZ	227	137	EP	0321	7.098	1.11											0.9
THL HN	227	137	ES	0321	5.223	0.03											0.9
BARS BZ	235	34	EP	0321	7.019	0.01											0.9
THE HZ	237	101	EP	0321	6.678	-0.60											0.9
THE HZ	237	101	IAML	0321	9.232					11	0.6						
BOSS SZ	245	49	EP	0321	7.729	-0.61											0.9
LKD2 HZ	257	171	EP	0321	9.439	-0.40											0.9
PLG HZ	284	105	EP	0321	2.937	-0.39											0.8
NVR HZ	308	83	EP	0321	6.199	-0.20											0.8

January 31 2024 Hour: 6:14 10.4 Lat: 40.45N Lon: 21.23E D: 12.8 Ag: TIR Local
Magnitudes: 2.7ML TIR 3.1MW TIR Rms: 0.3 secs
28 km SE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GE03	EZ			IP	0A	0614	8.280								
NEST	HZ	16	256	EP	D	0614	4.400	0.20							1.0
NEST	HN	16	256	ES		0614	7.137	-0.12							1.0
KBN	HZ	42	297	EP	D	0614	7.984	-0.29							1.0
KBN	HN	42	297	ES		0614	4.402	-0.23							1.0
KZN	HZ	48	109	EP	D	0614	0.228	0.97							1.0
KZN	HN	48	109	ES		0614	6.763	0.34							1.0
AL07AHZ	68	317	EP			0614	2.892	0.30							1.0
AL07AHN	68	317	ES			0614	3.188	0.74							1.0
MOGL	EN	77	292	ES		0614	4.826	-0.09							1.0
AL05AHZ	77	292	EP			0614	3.709	-0.25							1.0
AL05AHE	77	292	ES			0614	4.900	-0.01							1.0
MOGL	EZ	77	292	EP		0614	3.703	-0.25							1.0
MOGL	EZ	77	292	IAML		0614	7.089			134	0.2				
TPE	HZ	105	261	EP		0614	8.279	-0.36							1.0
TPE	HN	105	261	ES		0614	3.449	0.06							1.0
TPE	HZ	105	261	IAML		0614	0.179			60	0.6				
BERA	HZ	112	285	EP		0614	9.137	-0.72							1.0
BERA	HE	112	285	ES		0614	5.637	0.04							1.0
BERA	HZ	112	285	IAML		0614	2.084			80	0.2				
THL	HZ	119	146	EP		0614	0.524	-0.43							1.0
THL	HE	119	146	ES		0614	7.157	-0.42							1.0
AL08AHZ	120	308	EP			0614	1.144	-0.00							1.0
AL08AHE	120	308	ES			0614	8.066	0.14							1.0
SRN	HZ	123	239	EP		0614	1.654	0.06							1.0
SRN	HN	123	239	ES		0614	8.900	0.17							1.0
IGT	HZ	128	217	EP		0614	2.328	-0.12							1.0
IGT	HN	128	217	ES		0614	0.484	0.19							1.0
IGT	HZ	128	217	IAML		0614	5.250			66	0.6				
AL06AHZ	132	253	EP			0614	3.192	0.08							1.0
AL06AHN	132	253	ES			0614	1.585	0.09							1.0
BPA2	HZ	140	283	EP		0614	4.488	-0.01							1.0
BPA2	HN	140	283	ES		0614	4.132	0.13							1.0
VLO	HN	147	271	ES		0614	6.406	0.21							1.0
KEK	HZ	147	237	EP		0614	5.754	0.05							1.0
KEK	HE	147	237	ES		0614	6.229	0.05							1.0
VLO	HZ	147	271	EP		0614	6.005	0.29							1.0
KEK	HZ	147	237	IAML		0614	8.135			86	0.8				
VLO	HZ	147	271	IAML		0615	2.447			31	0.5				
THE	HZ	148	82	EP		0614	5.829	0.02							1.0
THE	HN	148	82	ES		0614	6.595	0.23							1.0
PHP	HZ	152	334	EP		0614	5.949	-0.62							1.0
TIR	HN	152	311	ES		0614	7.663	-0.03							1.0
PHP	HE	152	334	ES		0614	7.103	-0.64							1.0
TIR	HZ	152	311	EP		0614	6.428	-0.11							1.0
TIR	HZ	152	311	IAML		0615	2.981			24					
PHP	HZ	152	334	IAML		0615	1.405			69	0.1				
AL04AHZ	154	294	EP			0614	6.965	0.13							1.0

AL04AHN	154	294	ES	0614	8.353	0.12			1.0
BURR	EZ	164	321	EP	0614	8.421	-0.11		0.9
AL03AHZ	164	321	EP	0614	8.552	0.01			0.9
AL03AHN	164	321	ES	0615	1.514	0.21			0.9
BURR	EN	164	321	ES	0615	1.248	-0.04		0.9
BURR	EZ	164	321	IAML	0615	5.329		51	0.4
LACI	HZ	183	316	EP	0614	1.446	0.48		0.9
LACI	HN	183	316	ES	0615	5.775	0.07		0.9
LACI	HZ	183	316	IAML	0615	8.766		26	0.6
PLG	HZ	188	92	EP	0614	1.156	-0.46		0.9
LKD2	HZ	191	195	EP	0614	2.257	0.24		0.9
LKD2	HN	191	195	ES	0615	7.771	0.16		0.9
KKS	HZ	193	339	EP	0614	2.812	0.53		0.9
KKS	HN	193	339	ES	0615	8.018	-0.06		0.9
PUK	HZ	209	328	EP	0614	4.816	0.38		0.9
PUK	HE	209	328	ES	0615	1.776	-0.20		0.9
SDA	HZ	229	321	EP	0614	7.534	0.65		0.9
SDA	HN	229	321	ES	0615	6.593	0.17		0.9
SCTE	HZ	239	261	EP	0614	7.562	-0.57		0.9
BOSS	SZ	249	24	EP	0614	9.168	-0.36		0.9
PEJK	HZ	256	342	EP	0614	0.086	-0.32		0.9
VLS	HZ	258	193	EP	0614	0.000	-0.65		0.9
PVY	HZ	261	336	EP	0614	1.061	0.00		0.9
BARS	BZ	267	10	EP	0614	1.219	-0.54		0.9
PDG	HZ	275	324	EP	0614	2.507	-0.18		0.8
PDG	HZ	275	324	IAML	0615	9.380		16	0.7
SJES	BZ	329	342	EP	0614	9.548	-0.28		0.8
ME02AHZ	348	330	EP	0615	3.117	0.86			0.8