

# Seismological Bulletin

from the

## Albanian Seismic Network (ASN)

January

2022

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## GENERAL BULLETIN INFORMATION

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

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

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

Magnitudes are calculated from amplitudes.

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

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

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

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

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

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

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

#### STATIONS USED

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

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

#### REGIONAL STATIONS

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

#### MACROSEISMIC DATA

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

## Abbreviations:

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

LAT: Latitude of epicenter

LON: Longitude of epicenter

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

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

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

RMS: Root mean square value of travel time residuals

STAT: Station code

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

DIST: Epicenter distance (km)

AZI: Azimuth from source to station

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

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

HR: Hour

MN: Minute

SECON: Seconds

TRES: Residual (seconds)

CODA: Signal duration in seconds

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

PERI: Period where amplitude is measured

BAZ: Back azimuth (station to event)

ARES: Back azimuth residual

VELO: Apparent phase velocity (km/sec)

WT: Weight of phase in the location

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

## References:

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

**January 1 2022 Hour: 3:52 10.3 Lat: 39.50N Lon: 20.70E D: 10.0 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR Rms: 0.7 secs**  
**47 km E of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	32	277	EP		352	15.54	-.350							1.0
IGT	HN	32	277	ES		352	19.85	-.610							1.0
IGT	HZ	32	277	IAML		352	22.08			322	0.3				
LSK	HZ	73	353	EP		352	23.350	.080							1.0
LSK	HN	73	353	ES		352	32.43	-1.39							1.0
LSK	HZ	73	353	IAML		352	42.00			63	0.5				
SRN	HZ	73	306	EP		352	22.76	-.580							1.0
SRN	HN	73	306	ES		352	34.380	.440							1.0
SRN	HZ	73	306	IAML		352	38.75			30	0.2				
KEK	HZ	81	287	EP		352	23.84	-.840							1.0
KEK	HN	81	287	ES		352	37.180	.820							1.0
KEK	HZ	81	287	IAML		352	40.67			149	0.5				
NEST	HZ	106	16	EP		352	29.18	-.030							1.0
KBN	HZ	125	4	EP		352	34.04	1.45							1.0
KBN	HZ	125	4	ES		352	50.66	-.030							1.0
KBN	HZ	125	4	IAML		352	57.78			15	0.9				
VLO	HZ	149	317	EP		352	37.070	.590							1.0
VLO	HN	149	317	ES		352	58.320	.600							1.0
VLO	HZ	149	317	IAML		353	1.83			35	0.5				

**January 1 2022 Hour: 6:50 43.7 Lat: 39.78N Lon: 20.77E D: 31.3 Ag: TIR Local**  
**Magnitudes: 1.6ML TIR Rms: 0.7 secs**  
**51 km SE of Libohove**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	44	340	EP		650	54.09	1.17							1.0
LSK	HN	44	340	ES		651	0.470	.110							1.0
IGT	HZ	46	234	EP		650	53.440	.260							1.0
IGT	HN	46	234	ES		651	0.52	-.310							1.0
IGT	HZ	46	234	IAML		651	3.07			14	0.3				
SRN	HZ	67	280	EP		650	56.08	-.050							1.0
SRN	HZ	67	280	ES		651	5.16	-1.01							1.0
SRN	HZ	67	280	IAML		651	57.89			13	1.3				
NEST	HZ	75	18	EP		650	57.440	.050							1.0
NEST	HN	75	18	ES		651	7.93	-.520							1.0
KEK	HZ	84	265	EP		650	57.74	-.950							1.0
KEK	HZ	84	265	ES		651	12.08	1.27							1.0
KEK	HZ	84	265	IAML		651	18.03			16	0.6				

**January 1 2022 Hour: 7:1 42.7 Lat: 40.73N Lon: 19.59E D: 2.0F Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.8 secs**  
**3 km E of Fier**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BPA2	HZ	2	90	IP		7 1	42.01	-1.25							1.0
BPA2	HE	2	90	IS		7 1	43.800	.090							1.0
VLO	HZ	30	196	EP		7 1	47.57	-.530							1.0
VLO	HN	30	196	ES		7 1	53.460	.990							1.0
VLO	HZ	30	196	IAML		7 2	6.81			441	0.4				
BERA	HN	31	96	ES		7 1	51.23	-1.35							1.0
TIR	HZ	72	19	EP		7 1	56.020	.390							1.0
TIR	HE	72	19	ES		7 2	6.400	.300							1.0
TIR	HZ	72	19	IAML		7 2	7.01			13	0.3				
SRN	HZ	101	160	EP		7 2	0.24	-.440							1.0
SRN	HE	101	160	ES		7 2	15.19	-.050							1.0
SRN	HZ	101	160	IAML		7 2	17.66			13	0.5				
KBN	HZ	102	96	EP		7 2	0.07	-.830							1.0
LSK	HZ	107	127	EP		7 2	2.250	.410							1.0
LSK	HN	107	127	ES		7 2	18.76	1.43							1.0
LSK	HZ	107	127	IAML		7 2	23.77			19	0.6				
KEK	HZ	114	171	EP		7 2	2.33	-.730							1.0

KEK	HE	114	171	ES	7	2	20.58	1.03									1.0
PHP	HZ	128	34	EP	7	2	6.33	1.01									1.0
NEST	HE	128	105	ES	7	2	24.51	0.64									1.0
PHP	HN	128	34	ES	7	2	24.74	1.10									1.0
NEST	HZ	128	105	EP	7	2	4.95	-.500									1.0
NEST	HZ	128	105	IAML	7	2	30.98			12	0.5						
SDA	HZ	147	357	EP	7	2	8.82	0.37									1.0
IGT	HZ	147	154	EP	7	2	7.68	-.87									1.0
IGT	HE	147	154	ES	7	2	29.33	-.16									1.0
IGT	HZ	147	154	IAML	7	2	33.30			10	0.4						
SDA	HN	147	357	ES	7	2	28.25	-1.06									1.0
PUK	HZ	148	10	EP	7	2	8.13	-.57									1.0
PUK	HN	148	10	ES	7	2	30.66	0.90									1.0
BCI	HZ	186	12	EP	7	2	14.81	-.16									0.9
BCI	HN	186	12	ES	7	2	40.95	-.16									0.9

**January 1 2022 Hour: 7:37 35.9 Lat: 39.58N Lon: 20.65E D: 15.6 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.0 secs**  
**31 km E of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	28	258	IP		737	41.44	-.000							1.0
IGT	HZ	28	258	IAML		737	44.29			363	0.2				
SRN	HZ	65	301	EP		737	47.38	0.03							1.0
SRN	HN	65	301	ES		737	56.66	-.01							1.0
SRN	HZ	65	301	IAML		738	4.73			10	1.6				
KEK	HZ	74	281	EP		737	48.98	-.02							1.0
NEST	HZ	98	20	EP		737	53.04	-.01							1.0

**January 1 2022 Hour: 10:27 59.1 Lat: 39.54N Lon: 20.49E D: 15.8 Ag: TIR Local**  
**Magnitudes: 2.7ML TIR Rms: 0.9 secs**  
**30 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	14	266	IP		1028	2.60	-.19							1.0
IGT	HN	14	266	IS		1028	5.86	0.08							1.0
IGT	HZ	14	266	IAML		1028	8.32			1228	0.4				
SRN	HZ	56	312	IP		1028	8.52	-.76							1.0
SRN	HN	56	312	IS		1028	17.63	0.11							1.0
SRN	HZ	56	312	IAML		1028	20.67			85	0.3				
KEK	HZ	62	288	IP		1028	9.89	-.39							1.0
KEK	HE	62	288	ES		1028	19.65	0.31							1.0
KEK	HZ	62	288	IAML		1028	26.09			231	0.3				
LSK	HZ	68	8	IP		1028	10.44	-.85							1.0
LSK	HN	68	8	IS		1028	21.94	0.77							1.0
LSK	HZ	68	8	IAML		1028	26.29			161	0.4				
LKD2	HZ	85	170	EP		1028	14.57	0.58							1.0
NEST	HZ	108	26	IP		1028	16.98	-.94							1.0
NEST	HN	108	26	IS		1028	32.67	-.49							1.0
NEST	HZ	108	26	IAML		1028	38.39			94	0.6				
KBN	HZ	123	12	IP		1028	22.99	2.63							1.0
KBN	HN	123	12	IS		1028	37.28	-.30							1.0
KBN	HZ	123	12	IAML		1028	39.78			34	0.6				
THL	HZ	131	88	IP		1028	20.62	-1.04							1.0
THL	HN	131	88	IS		1028	40.47	0.53							1.0

**January 1 2022 Hour: 16:38 15.5 Lat: 39.53N Lon: 20.94E D: 0.4 Ag: TIR Local**  
**Magnitudes: 1.2ML TIR Rms: 0.7 secs**  
**66 km E of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	52	271	EP		1638	24.04	-.72							1.0
IGT	HE	52	271	ES		1638	32.26	-.01							1.0
IGT	HZ	52	271	IAML		1638	33.98			8	0.2				
SRN	HN	89	296	ES		1638	43.45	-.88							1.0
NEST	HZ	99	6	EP		1638	33.63	0.47							1.0
NEST	HE	99	6	ES		1638	47.35	-.12							1.0

KEK HZ 100 282 EP 1638 33.390.070 1.0  
 KEK HN 100 282 ES 1638 48.94 1.19 1.0

**January 1 2022 Hour: 21:14 26.4 Lat: 40.05N Lon: 20.57E D: 20.5 Ag: TIR Local**  
**Magnitudes: 1.6ML TIR 2.6MW TIR Rms: 0.7 secs**

**26 km E of Libohove**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	11	11	EP		2114	31.410	.870							1.0
LSK	HN	11	11	ES		2114	33.63-	.290							1.0
LSK	HZ	11	11	IAML	A	2115	14.64			12	2.3				
SRN	HZ	53	249	EP		2114	37.58	1.48							1.0
SRN	HE	53	249	ES		2114	43.44-	.550							1.0
SRN	HZ	53	249	IAML	A	2115	10.87			22	1.3				
NEST	HZ	57	45	EP		2114	37.070	.190							1.0
NEST	HN	57	45	ES		2114	44.83-	.560							1.0
NEST	HZ	57	45	IAML	A	2115	5.68			9	3.0				
IGT	HZ	61	200	EP		2114	37.52-	.010							1.0
IGT	HZ	61	200	IAML	A	2114	43.78			15	2.7				
IGT	HN	61	200	ES		2114	46.56-	.020							1.0
KEK	HZ	76	241	EP		2114	38.84-	1.12							1.0
KEK	HZ	76	241	IAML	A	2115	4.83			45	3.0				

**January 1 2022 Hour: 23:26 11.1 Lat: 41.07N Lon: 19.67E D: 17.9 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR Rms: 0.7 secs**

**0 km S of Rrogzrhine**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	35	28	EP		2326	17.91-	.030							1.0
TIR	HN	35	28	ES		2326	23.31-	.170							1.0
TIR	HZ	35	28	IAML		2326	25.07			30	0.3				
BERA	HN	47	150	EP		2326	19.920	.070							1.0
BERA	HE	47	150	ES		2326	26.03-	.900							1.0
PHP	HZ	94	43	EP		2326	25.75-	1.82							0.5
PHP	HN	94	43	ES		2326	40.45-	.460							1.0
PHP	HZ	94	43	IAML		2326	43.96			8	0.3				
SDA	HZ	110	353	EP		2326	30.170	.010							1.0
SDA	HN	110	353	ES		2326	45.780	.190							1.0
SDA	HZ	110	353	IAML		2326	48.48			5	0.2				
PUK	HZ	110	10	EP		2326	30.07-	.120							1.0
PUK	HE	110	10	ES		2326	46.73	1.08							1.0
PUK	HZ	110	10	IAML		2326	49.62			9	0.6				
LSK	HZ	129	142	EP		2326	34.69	1.29							0.2
LSK	HN	129	142	ES		2326	52.97	1.51							1.0
LSK	HZ	129	142	IAML		2326	56.88			8	0.4				
SRN	HZ	135	168	EP		2326	34.860	.570							1.0
SRN	HN	135	168	ES		2326	52.75-	.320							1.0
SRN	HZ	135	168	IAML		2326	56.73			22	1.8				
NEST	HZ	137	122	EP		2326	33.65-	1.09							1.0
NEST	HE	137	122	ES		2326	54.460	.580							1.0
NEST	HZ	137	122	IAML		2326	59.60			7	0.9				
BCI	HZ	148	13	EP		2326	36.660	.330							1.0
BCI	HE	148	13	ES		2326	56.47-	.300							1.0
BCI	HZ	148	13	IAML		2327	0.54			13	0.9				
IGT	HZ	180	162	EP		2326	40.39-	.290							0.9
IGT	HN	180	162	ES		2327	4.36-	.280							0.9
IGT	HZ	180	162	IAML		2327	9.77			8	0.6				

**January 2 2022 Hour: 0: 3 37.0 Lat: 39.20N Lon: 20.57E D: 10.0F Ag: TIR Local**  
**Magnitudes: 1.9ML TIR Rms: 0.8 secs**

**60 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	42	331	EP		0 3	44.68-	.140							1.0
IGT	HE	42	331	ES		0 3	50.18-	.950							1.0
IGT	HZ	42	331	IAML		0 3	53.26			44	0.3				
KEK	HZ	88	311	EP		0 3	52.830	.400							1.0

KEK	HN	88	311	ES	0	4	5.570.670										1.0
SRN	HZ	90	327	EP	0	3	52.69-.140										1.0
SRN	HN	90	327	ES	0	4	5.11-.510										1.0
SRN	HZ	90	327	IAML	0	4	8.24			14	0.3						
LSK	HZ	106	1	EP	0	3	55.600.140										1.0
LSK	HN	106	1	ES	0	4	9.54-.860										1.0
LSK	HZ	106	1	IAML	0	4	18.26			14	0.8						
THL	HZ	131	71	EP	0	3	59.940.340										1.0
THL	HE	131	71	ES	0	4	16.92-.970										1.0
NEST	HZ	141	17	EP	0	4	1.480.100										1.0
NEST	HN	141	17	ES	0	4	23.12 2.02										1.0

**January 2 2022 Hour: 0:31 30.2 Lat: 41.58N Lon: 19.50E D: 5.4 Ag: TIR Local**  
**Magnitudes: 1.1ML TIR Rms: 0.6 secs**  
**19 km W of Lac**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
SDA	HZ	52	0	EP		031	39.750.130								1.0	
SDA	HN	52	0	ES		031	46.91-.330								1.0	
SDA	HZ	52	0	IAML		031	48.27			6	0.2					
PUK	HZ	61	32	EP		031	41.420.230								1.0	
PUK	HN	61	32	ES		031	50.290.220								1.0	
PUK	HZ	61	32	IAML		031	53.76			2	0.5					
PHP	HZ	79	81	EP		031	43.32-1.12								1.0	
PHP	HN	79	81	ES		031	56.400.440								1.0	
BCI	HZ	99	28	EP		031	48.880.990								1.0	
BCI	HN	99	28	ES		032	1.65-.560								1.0	
BCI	HZ	99	28	IAML		032	6.82			7	1.6					

**January 2 2022 Hour: 3:3 7.3 Lat: 41.55N Lon: 19.47E D: 17.9 Ag: TIR Local**  
**Magnitudes: 1.0ML TIR Rms: 0.8 secs**  
**22 km SW of Lac**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
TIR	HZ	40	124	EP		3 3	14.82-.150								1.0	
TIR	HN	40	124	ES		3 3	21.460.310								1.0	
TIR	HZ	40	124	IAML		3 3	23.67			5	0.5					
SDA	HZ	56	3	EP		3 3	16.27-1.19								1.0	
SDA	HN	56	3	ES		3 3	25.31-.350								1.0	
SDA	HZ	56	3	IAML		3 3	27.46			4	0.3					
PUK	HZ	65	33	EP		3 3	18.40-.680								1.0	
PUK	HE	65	33	ES		3 3	29.160.570								1.0	
PUK	HZ	65	33	IAML		3 3	31.22			2	0.3					
PHP	HZ	83	79	EP		3 3	20.93-.980								1.0	
PHP	HN	83	79	ES		3 3	34.200.490								1.0	
PHP	HZ	83	79	IAML		3 3	40.44			3	0.3					
PDG	HZ	99	350	EP		3 3	26.26 1.61								1.0	
PDG	HN	99	350	ES		3 3	38.740.070								1.0	
NEST	HZ	183	133	EP		3 3	38.330.870								0.9	
NEST	HN	183	133	ES		3 4	1.34-.510								0.9	

**January 2 2022 Hour: 4:54 20.4 Lat: 40.00N Lon: 20.73E D: 20.6 Ag: TIR Local**  
**Magnitudes: 1.3ML TIR Rms: 0.5 secs**  
**39 km E of Libohove**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
LSK	HZ	20	326	EP		454	25.25-.280								1.0	
LSK	HN	20	326	ES		454	29.36-.290								1.0	
LSK	HZ	20	326	IAML		454	30.85			24	0.3					
NEST	HZ	53	30	EP		454	30.37-.000								1.0	
NEST	HN	53	30	ES		454	39.010.590								1.0	
NEST	HZ	53	30	IAML		454	43.54			3	0.3					
IGT	HZ	62	213	EP		454	31.18-.560								1.0	
IGT	HN	62	213	ES		454	41.400.500								1.0	
IGT	HZ	62	213	IAML		454	45.03			10	1.2					
SRN	HZ	64	258	EP		454	31.23-.750								1.0	
SRN	HN	64	258	ES		454	42.130.790								1.0	



SRN HZ 64 258 IAML 454 47.37 6 0.9

**January 2 2022 Hour: 5:12 17.6 Lat: 38.77N Lon: 20.61E D: 4.0 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR Rms: 0.7 secs**

**104 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	88	344	EP		512	32.67	-.640							1.0
IGT	HN	88	344	ES		512	47.43	1.42							1.0
IGT	HZ	88	344	IAML		512	50.18			28	0.3				
KEK	HZ	126	327	EP		512	40.08	0.340							1.0
KEK	HN	126	327	ES		512	57.67	0.020							1.0
KEK	HZ	126	327	IAML		513	2.47			20	0.2				
SRN	HZ	134	337	EP		512	40.99	-.070							1.0
SRN	HE	134	337	ES		512	59.33	-.720							1.0
SRN	HZ	134	337	IAML		513	5.80			9	0.5				
THL	HZ	150	54	EP		512	42.33	-1.50							1.0
THL	HN	150	54	ES		513	5.74	0.690							1.0
LSK	HZ	153	360	EP		512	44.77	0.420							1.0
LSK	HN	153	360	ES		513	5.59	-.400							1.0
LSK	HZ	153	360	IAML		513	15.55			17	1.0				
NEST	HZ	186	12	EP		512	50.29	0.540							0.9
NEST	HN	186	12	ES		513	15.68	-.100							0.9
NEST	HZ	186	12	IAML		513	23.88			10	1.0				
KBN	HZ	206	4	EP		512	51.78	-.490							0.9
ITM	HZ	211	146	EP		512	52.40	-.490							0.9
ITM	HN	211	146	ES		513	22.37	0.920							0.9

**January 2 2022 Hour: 6:55 54.2 Lat: 39.66N Lon: 20.65E D: 16.0 Ag: TIR Local**  
**Magnitudes: 1.6ML TIR Rms: 0.2 secs**

**39 km E of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	30	242	EP		656	0.46	0.200							1.0
IGT	HE	30	242	ES		656	5.02	-.120							1.0
IGT	HZ	30	242	IAML		656	6.22			57	0.2				
LSK	HZ	54	356	EP		656	3.99	-.150							1.0
LSK	HN	54	356	ES		656	12.34	0.170							1.0
SRN	HZ	60	294	EP		656	4.76	-.290							1.0
SRN	HN	60	294	ES		656	13.90	0.080							1.0
SRN	HZ	60	294	IAML		656	16.00			11	0.1				
KEK	HZ	73	275	EP		656	7.04	-.100							1.0
KEK	HN	73	275	ES		656	17.70	0.100							1.0
NEST	HZ	90	22	EP		656	10.50	0.390							1.0
NEST	HE	90	22	ES		656	22.70	-.280							1.0
NEST	HZ	90	22	IAML		656	25.07			10	0.3				

**January 2 2022 Hour: 9:24 50.9 Lat: 39.69N Lon: 20.62E D: 9.9 Ag: TIR Local**  
**Magnitudes: 1.5ML TIR Rms: 0.2 secs**

**37 km E of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	30	236	EP		924	56.42	-.120							1.0
IGT	HE	30	236	ES		925	1.15	0.020							1.0
IGT	HZ	30	236	IAML		925	1.78			17	0.1				
LSK	HZ	52	358	EP		925	0.52	0.250							1.0
LSK	HN	52	358	ES		925	7.77	-.130							1.0
SRN	HZ	57	292	EP		925	1.24	0.040							1.0
SRN	HN	57	292	ES		925	9.58	0.010							1.0
KEK	HZ	71	273	EP		925	3.19	-.230							1.0
KEK	HN	71	273	ES		925	13.70	0.110							1.0
KEK	HZ	71	273	IAML		925	15.11			23	0.6				
NEST	HZ	89	24	EP		925	6.71	0.210							1.0
NEST	HN	89	24	ES		925	19.00	-.170							1.0
NEST	HZ	89	24	IAML		925	21.33			7	0.3				

**January 2 2022 Hour: 17:22 50.9 Lat: 39.89N Lon: 20.75E D: 17.8 Ag: TIR Local**  
**Magnitudes: 1.4ML TIR Rms: 0.4 secs**  
**44 km E of Libohove**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	32	337	IP		1722	57.340	.040							1.0
LSK	HN	32	337	IS		1723	2.26-	.240							1.0
LSK	HZ	32	337	IAML		1723	8.09			11	0.7				
IGT	HZ	53	222	IP		1722	59.89-	.700							1.0
IGT	HN	53	222	IS		1723	8.910	.470							1.0
IGT	HZ	53	222	IAML		1723	14.10			12	4.4				
SRN	HZ	64	270	IAML		1722	49.97			9	7.6				
SRN	HZ	64	270	IP		1723	2.08-	.250							1.0
SRN	HN	64	270	IS		1723	11.37-	.220							1.0
NEST	HZ	64	24	IP		1723	2.630	.190							1.0
NEST	HN	64	24	IS		1723	12.100	.300							1.0
NEST	HZ	64	24	IAML		1723	12.46			16	6.8				
KEK	HZ	83	257	IP		1723	5.27-	.310							1.0
KEK	HN	83	257	IS		1723	18.200	.720							1.0
KEK	HZ	83	257	IAML		1723	20.62			10	0.6				

**January 2 2022 Hour: 17:34 17.6 Lat: 39.04N Lon: 20.34E D: 88.8 Ag: TIR Local**  
**Magnitudes: 2.7ML TIR Rms: 0.8 secs**  
**67 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	40	135	EP		1734	31.730	.020							1.0
IGT	HZ	55	360	IAML		1734	38.58			163	0.4				
KEK	HZ	88	328	IP		1734	33.99-	1.55							1.0
KEK	HN	88	328	IS		1734	51.38	1.31							1.0
KEK	HZ	88	328	IAML		1734	55.84			68	0.5				
SRN	HZ	98	343	IP		1734	37.030	.560							1.0
SRN	HN	98	343	IS		1734	51.14-	.610							1.0
SRN	HZ	98	343	IAML		1734	52.05			35	0.4				
LSK	HZ	125	10	IP		1734	39.850	.310							1.0
LSK	HN	125	10	IS		1734	56.36-	.960							1.0
LSK	HZ	125	10	IAML		1734	56.75			60	0.6				
NEST	HZ	164	22	EP		1734	44.560	.530							0.9
NEST	HN	164	22	IS		1735	5.900	.460							0.9
NEST	HZ	164	22	IAML		1735	11.91			24	0.7				

**January 2 2022 Hour: 21:54 59.4 Lat: 41.29N Lon: 19.64E D: 19.8 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR Rms: 0.5 secs**  
**8 km SE of Shijak**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	20	72	IP		2155	3.91-	.360							1.0
TIR	HN	20	72	IS		2155	8.20-	.020							1.0
TIR	HZ	20	72	IAML		2155	9.85			270	0.2				
PHP	HZ	80	57	IP		2155	12.85-	.710							1.0
PHP	HN	80	57	IS		2155	24.78-	.260							1.0
PHP	HZ	80	57	IAML		2155	27.69			25	0.7				
SDA	HZ	85	352	IP		2155	14.710	.350							1.0
SDA	HN	85	352	IS		2155	26.820	.350							1.0
SDA	HZ	85	352	IAML		2155	27.00			12	2.1				
PUK	HZ	86	14	IP		2155	14.09-	.490							1.0
PUK	HN	86	14	IS		2155	27.190	.310							1.0
PUK	HZ	86	14	IAML		2155	33.72			27	0.6				
BCI	HZ	124	16	IP		2155	21.040	.210							1.0
BCI	HN	124	16	IS		2155	38.950	.750							1.0
BCI	HZ	124	16	IAML		2155	42.24			42	0.3				
PDG	HZ	130	346	IP		2155	21.910	.220							1.0
PDG	HN	130	346	IS		2155	38.78-	.970							1.0
LSK	HZ	151	147	IP		2155	26.04	1.04							1.0
LSK	HN	151	147	IS		2155	46.250	.510							1.0
NEST	HZ	154	129	IP		2155	25.710	.210							1.0

NEST	HN	154	129	IS		2155	46.45-	.190								1.0
SRN	HZ	160	169	IP		2155	26.04-	.140								0.9
SRN	HN	160	169	IS		2155	47.11-	.770								0.9
SRN	HZ	160	169	IAML		2155	49.64			10	0.9					

**January 2 2022 Hour: 23:36 43.1 Lat: 41.92N Lon: 19.64E D: 29.1 Ag: TIR Local**  
**Magnitudes: 2.8ML TIR Rms: 0.8 secs**

**10 km S of Vau-Dejes**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SDA	HZ	19	322	EP		2336	48.98-	.060							1.0
SDA	HN	19	322	ES		2336	53.32-	.490							1.0
SDA	HZ	19	322	IAML		2336	53.74			841	0.2				
PUK	HZ	25	56	EP		2336	49.990.	.220							1.0
PUK	HE	25	56	ES		2336	55.320.	.190							1.0
PUK	HZ	25	56	IAML		2336	55.61			981	0.5				
BCI	HZ	61	35	EP		2336	55.420.	.810							1.0
BCI	HE	61	35	ES		2337	4.000.	.110							1.0
BCI	HZ	61	35	IAML		2337	6.75			572	0.8				
PDG	HZ	65	331	EP		2336	55.300.	.120							1.0
PDG	HN	65	331	ES		2337	5.130.	.210							1.0
PDG	HZ	65	331	IAML		2337	10.56			140	0.3				
TIR	HZ	66	164	EP		2336	54.38-	.900							1.0
TIR	HE	66	164	ES		2337	4.32-	.790							1.0
TIR	HZ	66	164	IAML		2337	5.60			195	0.4				
PHP	HZ	71	111	EP		2336	56.09-	.050							1.0
PHP	HN	71	111	ES		2337	6.08-	.580							1.0
PHP	HZ	71	111	IAML		2337	9.21			116	0.5				
BPA2	HZ	132	181	EP		2337	5.470.	.050							1.0
BERA	HE	137	169	ES		2337	24.12-	.630							1.0
VLO	HZ	161	184	EP		2337	9.580.	.370							0.9
VLO	HE	161	184	ES		2337	30.540.	.210							0.9
KBN	HZ	173	146	EP		2337	12.03	1.27							0.9
KBN	HN	173	146	ES		2337	33.620.	.490							0.9
KBN	HZ	173	146	IAML		2337	43.44			27	0.6				
NEST	HZ	204	144	EP		2337	16.46	1.61							0.9
LSK	HZ	212	157	EP		2337	16.620.	.790							0.9
LSK	HZ	212	157	IAML		2338	1.99			33	0.9				
SRN	HZ	228	172	EP		2337	17.42-	.360							0.9
KEK	HZ	245	177	EP		2337	19.22-	.760							0.9
IGT	HZ	271	167	EP		2337	23.15-	.170							0.9
BZS	HZ	442	21	EP		2337	45.800.	.600							0.7
BZS	HN	442	21	ES		2338	32.22-	3.24							0.7

**January 3 2022 Hour: 3:12 12.9 Lat: 41.58N Lon: 19.48E D: 20.6 Ag: TIR Local**  
**Magnitudes: 0.8ML TIR Rms: 0.5 secs**

**20 km W of Lac**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	41	128	EP		312	20.13-	.770							1.0
TIR	HE	41	128	ES		312	27.470.	.130							1.0
TIR	HZ	41	128	IAML		312	29.54			4	0.2				
SDA	HZ	53	2	EP		312	21.93-	.760							1.0
SDA	HE	53	2	ES		312	31.300.	.710							1.0
PUK	HZ	62	34	EP		312	24.540.	.240							1.0
PUK	HN	62	34	ES		312	33.45-	.050							1.0
PHP	HZ	81	81	EP		312	27.29-	.070							1.0
PHP	HN	81	81	ES		312	39.02-	.020							1.0
BERA	HN	105	158	ES		312	46.600.	.590							1.0

**January 3 2022 Hour: 3:52 6.9 Lat: 40.07N Lon: 20.20E D: 24.3 Ag: TIR Local**  
**Magnitudes: 0.8ML TIR Rms: 0.5 secs**  
**5 km E of Gjirokastr**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	27	219	EP		352	13.310	.140							1.0
SRN	HE	27	219	ES		352	18.570	.310							1.0
SRN	HZ	27	219	IAML		352	19.85			2	0.1				
LSK	HN	35	76	ES		352	20.15-	.140							1.0
KEK	HZ	53	221	EP		352	16.960	.110							1.0
KEK	HN	53	221	ES		352	24.04-	.880							1.0
IGT	HZ	61	169	EP		352	19.000	.860							1.0
IGT	HE	61	169	ES		352	26.98-	.270							1.0
IGT	HZ	61	169	IAML		352	29.20			5	0.2				
NEST	HZ	82	62	EP		352	21.760	.340							1.0
NEST	HN	82	62	ES		352	32.73-	.470							1.0

**January 3 2022 Hour: 5:22 38.7 Lat: 41.67N Lon: 20.75E D: 14.8 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR Rms: 0.7 secs**  
**26 km E of Peshkopi**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	26	274	EP		522	43.54-	.390							1.0
PHP	HN	26	274	ES		522	47.37-	.820							1.0
PHP	HZ	26	274	IAML		522	47.63			498	0.3				
TIR	HZ	82	245	EP		522	53.600	.550							1.0
TIR	HE	82	245	ES		523	5.670	.960							1.0
TIR	HZ	82	245	IAML		523	10.62			12	0.6				
PUK	HZ	82	301	EP		522	52.50-	.690							1.0
PUK	HN	82	301	ES		523	4.17-	.780							1.0
PUK	HZ	82	301	IAML		523	9.07			15	0.4				
BCI	HZ	96	324	EP		522	56.110	.690							1.0
BCI	HE	96	324	ES		523	8.94-	.050							1.0
BCI	HZ	96	324	IAML		523	12.10			28	1.3				
SDA	HZ	112	293	EP		522	58.490	.420							1.0
SDA	HE	112	293	ES		523	13.950	.170							1.0
SDA	HZ	112	293	IAML		523	17.33			7	0.2				
NEST	HZ	141	170	EP		523	2.81-	.210							1.0
NEST	HE	141	170	ES		523	22.840	.100							1.0
NEST	HZ	141	170	IAML		523	25.47			12	0.4				
PDG	HZ	149	305	EP		523	4.28-	.010							1.0
PDG	HN	149	305	ES		523	25.330	.280							1.0
PDG	HZ	149	305	IAML		523	30.05			17	0.5				
LSK	HZ	169	184	EP		523	7.790	.510							0.9
LSK	HN	169	184	ES		523	28.85-	1.61							0.9
LSK	HZ	169	184	IAML		523	37.58			10	0.4				
SRN	HZ	208	198	EP		523	13.150	.950							0.9

**January 3 2022 Hour: 7:48 55.5 Lat: 41.86N Lon: 19.61E D: 25.9 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR Rms: 0.2 secs**  
**8 km N of Lezhe**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SDA	HZ	23	336	EP		749	1.660	.280							1.0
SDA	HN	23	336	ES		749	5.92-	.230							1.0
SDA	HZ	23	336	IAML		749	6.74			42	0.1				
SDA	HZ	23	336	IAML		749	6.75			46	0.1				
PUK	HZ	31	50	EP		749	2.800	.330							1.0
PUK	HE	31	50	ES		749	8.08-	.040							1.0
PUK	HZ	31	50	IAML		749	8.64			31	0.1				
BCI	HZ	68	34	EP		749	7.79-	.030							1.0
BCI	HN	68	34	ES		749	17.810	.020							1.0
BCI	HZ	68	34	IAML		749	20.04			12	0.2				
PDG	HZ	69	335	EP		749	7.66-	.390							1.0
PDG	HN	69	335	ES		749	18.340	.140							1.0
PHP	HZ	72	106	EP		749	8.670	.160							1.0

PHP HN 72 106 ES 749 18.82-.230 1.0

**January 3 2022 Hour: 8:12 27.5 Lat: 40.17N Lon: 20.01E D: 4.4 Ag: TIR Local**  
**Magnitudes: 2.7ML TIR Rms: 0.5 secs**

**16 km S of Tepelene**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	32	182	EP		812	33.510	.190							1.0
SRN	HE	32	182	ES		812	38.460	.420							1.0
SRN	HZ	32	182	IAML		812	40.88			507	0.2				
SRN	HZ	32	182	IAML		812	40.91			623	0.3				
LSK	HZ	50	93	EP		812	36.510	.020							1.0
LSK	HN	50	93	ES		812	44.420	.640							1.0
LSK	HZ	50	93	IAML		812	50.34			305	0.5				
KEK	HZ	54	200	EP		812	36.65-	.530							1.0
KEK	HN	54	200	ES		812	45.320	.300							1.0
KEK	HZ	54	200	IAML		812	49.94			343	0.6				
VLO	HZ	55	307	EP		812	37.19-	.150							1.0
VLO	HN	55	307	ES		812	45.600	.290							1.0
VLO	HZ	55	307	IAML		812	51.43			383	0.5				
BERA	HN	59	355	ES		812	46.46-	.250							1.0
IGT	HZ	76	159	EP		812	41.240	.140							1.0
IGT	HZ	76	159	IAML		812	56.78			113	0.2				
KBN	HZ	83	52	EP		812	42.12-	.200							1.0
KBN	HZ	83	52	IAML		812	59.84			70	0.8				
NEST	HZ	92	73	EP		812	43.25-	.750							1.0
NEST	HZ	92	73	IAML		813	6.76			99	0.5				
TIR	HZ	131	355	EP		812	50.760	.250							1.0
TIR	HE	131	355	ES		813	9.410	.260							1.0
TIR	HZ	131	355	IAML		813	15.91			29	0.5				
LKD2	HZ	163	160	EP		812	54.93-	.920							0.9
PHP	HZ	172	12	EP		812	57.510	.190							0.9
PHP	HN	172	12	ES		813	21.810	.330							0.9
PHP	HZ	172	12	IAML		813	29.97			39	1.1				
THL	HZ	184	111	EP		812	59.520	.360							0.9
PUK	HZ	208	357	EP		813	1.54-	.800							0.9
PUK	HE	208	357	ES		813	30.910	.360							0.9
PUK	HZ	208	357	IAML		813	36.58			19	0.7				
SDA	HZ	213	349	EP		813	3.340	.480							0.9
SDA	HZ	213	349	IAML		813	35.60			11	0.5				
BCI	HZ	244	1	EP		813	6.15-	.730							0.9
BCI	HZ	244	1	IAML		813	46.83			26	0.8				
PDG	HZ	259	346	IAML		813	46.99			13	0.7				

**January 3 2022 Hour: 10:48 24.2 Lat: 40.24N Lon: 19.83E D: 8.8 Ag: TIR Local**  
**Magnitudes: 1.6ML TIR Rms: 0.3 secs**

**16 km NE of Himare**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	42	160	EP		1048	32.060	.080							1.0
SRN	HN	42	160	ES		1048	37.68-	.560							1.0
SRN	HZ	42	160	IAML		1048	39.32			25	0.2				
KEK	HZ	59	183	EP		1048	34.980	.150							1.0
KEK	HE	59	183	ES		1048	43.660	.260							1.0
LSK	HZ	66	98	EP		1048	36.300	.160							1.0
LSK	HN	66	98	ES		1048	46.220	.450							1.0
NEST	HZ	105	79	EP		1048	42.28-	.390							1.0
NEST	HN	105	79	ES		1048	57.44-	.160							1.0

**January 3 2022 Hour: 11:14 10.2 Lat: 40.08N Lon: 20.46E D: 27.9 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR Rms: 0.2 secs**

**17 km E of Libohove**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	14	58	EP		1114	15.52-	.140							1.0
LSK	HN	14	58	ES		1114	20.02-	.060							1.0
LSK	HZ	14	58	IAML		1114	21.01			447	0.6				

LSK	HZ	14	58	IAML	1114	21.05			536	0.7							
SRN	HZ	45	240	EP	1114	19.390.190											1.0
SRN	HN	45	240	ES	1114	26.740.240											1.0
SRN	HZ	45	240	IAML	1114	28.62			49	0.2							
NEST	HZ	62	54	EP	1114	21.840.020											1.0
IGT	HZ	62	190	IAML	1114	32.81			35	0.3							
NEST	HZ	62	54	IAML	1114	33.64			30	0.2							
IGT	HZ	62	190	EP	1114	21.54-.200											1.0
IGT	HN	62	190	ES	1114	31.270.170											1.0
NEST	HE	62	54	ES	1114	31.330.100											1.0
KEK	HZ	70	234	EP	1114	22.940.020											1.0
KEK	HN	70	234	ES	1114	32.89-.330											1.0
KEK	HZ	70	234	IAML	1114	34.90			54	0.4							

**January 3 2022 Hour: 13:31 54.7 Lat: 40.32N Lon: 19.75E D: 37.7 Ag: TIR Local**  
**Magnitudes: 1.5ML TIR Rms: 0.3 secs**

**20 km W of Memaliaj**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
SRN	HZ	54	156	EP		1332	5.830.160								1.0		
SRN	HN	54	156	ES		1332	13.94-.570								1.0		
SRN	HZ	54	156	IAML		1332	15.06			7	0.3						
KEK	HZ	68	176	EP		1332	7.57-.100										1.0
KEK	HN	68	176	ES		1332	18.550.410										1.0
KEK	HZ	68	176	IAML		1332	20.49			18	0.6						
LSK	HZ	75	105	EP		1332	8.71-.070										1.0
LSK	HN	75	105	ES		1332	20.380.240										1.0
LSK	HZ	75	105	IAML		1332	24.52			7	0.6						
NEST	HZ	111	84	EP		1332	13.64-.080										1.0

**January 3 2022 Hour: 17:40 11.6 Lat: 39.92N Lon: 20.73E D: 9.3 Ag: TIR Local**  
**Magnitudes: 1.1ML TIR Rms: 0.1 secs**

**41 km E of Libohove**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
LSK	HZ	27	336	EP		1740	16.67-.140										1.0
LSK	HN	27	336	ES		1740	21.110.080										1.0
LSK	HZ	27	336	IAML		1740	24.32			12	0.3						
IGT	HZ	55	218	EP		1740	21.750.130										1.0
IGT	HE	55	218	ES		1740	29.72-.020										1.0
NEST	HZ	61	27	EP		1740	22.61-.000										1.0
NEST	HN	61	27	ES		1740	31.570.040										1.0
SRN	HZ	63	266	EP		1740	22.68-.150										1.0
SRN	HN	63	266	ES		1740	31.990.070										1.0

**January 3 2022 Hour: 20:11 24.0 Lat: 42.37N Lon: 19.82E D: 0.8 Ag: TIR Local**  
**Magnitudes: 1.2ML TIR Rms: 0.2 secs**

**20 km W of Bajram\_Curri**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
BCI	HZ	20	92	EP		2011	27.47-.120										1.0
BCI	HN	20	92	ES		2011	30.40-.100										1.0
BCI	HZ	20	92	IAML		2011	30.78			82	0.1						
PUK	HZ	37	171	EP		2011	30.890.240										1.0
PUK	HN	37	171	ES		2011	36.250.210										1.0
PUK	HZ	37	171	IAML		2011	36.68			12	0.2						
SDA	HZ	45	217	EP		2011	32.000.000										1.0
SDA	HE	45	217	ES		2011	38.09-.390										1.0
SDA	HZ	45	217	IAML		2011	40.10			7	0.1						
PDG	HZ	47	278	EP		2011	32.410.070										1.0
PDG	HN	47	278	ES		2011	39.200.090										1.0
PDG	HZ	47	278	IAML		2011	40.38			10	0.1						

**January 3 2022 Hour: 20:38 13.9 Lat: 42.38N Lon: 19.83E D: 5.9 Ag: TIR Local**  
**Magnitudes: 1.4ML TIR Rms: 0.2 secs**  
**19 km W of Bajram\_Curri**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BCI	HZ	20	93	EP		2038	17.53	-.030							1.0
BCI	HN	20	93	ES		2038	20.47	-.060							1.0
PUK	HZ	37	172	EP		2038	20.86	0.180							1.0
PUK	HN	37	172	ES		2038	26.32	0.130							1.0
PUK	HZ	37	172	IAML		2038	26.73			17	0.2				1.0
SDA	HZ	45	217	EP		2038	22.04	-.030							1.0
SDA	HN	45	217	ES		2038	28.45	-.240							1.0
SDA	HZ	45	217	IAML		2038	30.15			11	0.1				1.0
PDG	HZ	47	277	EP		2038	22.24	-.160							1.0
PDG	HE	47	277	ES		2038	29.51	0.210							1.0
PDG	HZ	47	277	IAML		2038	30.45			17	0.2				1.0

**January 4 2022 Hour: 2:9 7.3 Lat: 40.12N Lon: 19.94E D: 10.5 Ag: TIR Local**  
**Magnitudes: 1.3ML TIR Rms: 0.3 secs**  
**16 km W of Gjirokaster**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	27	168	IP		2 9	12.40	-.130							1.0
SRN	HN	27	168	IS		2 9	16.87	0.130							1.0
SRN	HZ	27	168	IAML		2 9	18.49			9	0.5				1.0
KEK	HZ	47	195	IP		2 9	16.16	0.300							1.0
KEK	HN	47	195	IS		2 9	22.76	-.010							1.0
KEK	HZ	47	195	IAML		2 9	31.66			15	1.2				1.0
LSK	HZ	57	86	IP		2 9	17.79	0.230							1.0
LSK	HN	57	86	IS		2 9	25.85	0.000							1.0
LSK	HZ	57	86	IAML		2 9	32.24			8	3.0				1.0
IGT	HZ	74	152	EP		2 9	19.65	-.690							1.0
IGT	HN	74	152	IS		2 9	31.03	0.150							1.0

**January 4 2022 Hour: 4:15 44.4 Lat: 41.05N Lon: 19.77E D: 12.5 Ag: TIR Local**  
**Magnitudes: 1.2ML TIR Rms: 0.7 secs**  
**2 km E of Peqin**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	34	13	IP		415	50.69	-.150							1.0
TIR	HN	34	13	IS		415	56.27	0.260							1.0
TIR	HZ	34	13	IAML		415	58.00			10	1.0				1.0
BERA	HZ	42	159	IP		415	51.58	-.510							1.0
BERA	HN	42	159	IS		415	58.25	-.030							1.0
PHP	HZ	90	38	IP		416	0.71	0.520							1.0
PHP	HN	90	38	IS		416	12.86	-.090							1.0
PUK	HZ	111	5	IP		416	3.15	-.490							1.0
PUK	HN	111	5	IS		416	18.85	-.350							1.0
PUK	HZ	111	5	IAML		416	22.57			2	0.4				1.0
SDA	HZ	113	349	IP		416	5.82	1.79							1.0
SDA	HN	113	349	IS		416	18.93	-.960							1.0
SDA	HZ	113	349	IAML		416	19.58			7	2.6				1.0

**January 4 2022 Hour: 11:48 32.0 Lat: 38.89N Lon: 21.19E D: 15.0F Ag: TIR Local**  
**Magnitudes: 2.3ML TIR Rms: 0.5 secs**  
**121 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	48	257	EP		1148	40.41	-.110							1.0
LKD2	HE	48	257	ES		1148	47.62	0.190							1.0
THL	HZ	103	43	EP		1148	50.51	0.080							1.0
THL	HN	103	43	ES		1149	4.85	-.530							1.0
IGT	HZ	103	314	EP		1148	49.81	-.610							1.0
IGT	HE	103	314	ES		1149	4.91	-.440							1.0
IGT	HZ	103	314	IAML		1149	10.66			34	0.3				1.0
LSK	HZ	149	340	EP		1148	58.07	-.250							1.0
LSK	HN	149	340	ES		1149	19.69	0.030							1.0

LSK	HZ	149	340	IAML	1149	25.49			23	0.7					
SRN	HZ	151	317	EP	1148	59.000.490									1.0
KEK	HZ	151	308	EP	1148	58.06-.560									1.0
KEK	HE	151	308	ES	1149	20.18-.020									1.0
KEK	HZ	151	308	IAML	1149	24.46			39	0.5					
SRN	HN	151	317	ES	1149	20.310.310									1.0
SRN	HZ	151	317	IAML	1149	24.69			10	0.3					
NEST	HZ	170	356	EP	1149	1.66-.140									0.9
NEST	HN	170	356	ES	1149	27.19 1.24									0.9
NEST	HZ	170	356	IAML	1149	35.18			16	0.8					
ITM	HZ	200	161	EP	1149	6.800.500									0.9

**January 4 2022 Hour: 18:25 48.3 Lat: 41.41N Lon: 20.82E D: 10.0F Ag: TIR Local**  
**Magnitudes: 2.1ML TIR Rms: 0.6 secs**  
**42 km NE of Prrenjas**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	44	314	EP		1825	55.97-.400								1.0
PHP	HN	44	314	ES		1826	2.44-.490								1.0
PHP	HZ	44	314	IAML		1826	2.80			90	0.3				
TIR	HZ	80	265	EP		1826	2.05-.370								1.0
TIR	HN	80	265	ES		1826	13.75-.140								1.0
TIR	HZ	80	265	IAML		1826	20.57			23	0.3				
KBN	HZ	87	182	EP		1826	4.450.820								1.0
KBN	HN	87	182	ES		1826	15.77-.300								1.0
KBN	HZ	87	182	IAML		1826	28.26			29	0.7				
PUK	HZ	104	313	EP		1826	5.69-.830								1.0
PUK	HN	104	313	ES		1826	21.820.530								1.0
PUK	HZ	104	313	IAML		1826	26.91			21	0.4				
BCI	HZ	123	330	EP		1826	10.180.540								1.0
BCI	HN	123	330	ES		1826	26.77-.180								1.0
BCI	HZ	123	330	IAML		1826	31.25			52	0.3				
SDA	HZ	131	303	EP		1826	10.69-.180								1.0
SDA	HN	131	303	ES		1826	30.23 1.06								1.0
SDA	HZ	131	303	IAML		1826	36.46			24	0.5				

**January 4 2022 Hour: 18:25 47.9 Lat: 41.40N Lon: 20.81E D: 6.6 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.5 secs**  
**42 km NE of Prrenjas**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	44	315	EP		1825	55.940.040								1.0
PHP	HZ	44	315	ES		1826	2.26-.110								1.0
PHP	HZ	44	315	IAML		1826	2.77			87	0.3				
TIR	HZ	80	266	EP		1826	2.170.010								1.0
TIR	HN	80	266	ES		1826	13.780.080								1.0
TIR	HZ	80	266	IAML		1826	20.57			23	0.3				
KBN	HZ	87	181	EP		1826	4.310.960								1.0
KBN	HN	87	181	ES		1826	15.26-.610								1.0
KBN	HZ	87	181	IAML		1826	17.88			21	0.3				
PUK	HZ	105	313	EP		1826	5.65-.720								1.0
PUK	HN	105	313	ES		1826	21.690.370								1.0
PUK	HZ	105	313	IAML		1826	26.93			21	0.4				
NEST	HZ	111	170	EP		1826	7.51-.020								1.0

**January 4 2022 Hour: 19: 1 11.4 Lat: 39.80N Lon: 20.66E D: 29.0 Ag: TIR Local**  
**Magnitudes: 1.6ML TIR Rms: 0.2 secs**  
**17 km SE of Permet**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	40	353	EP		19 1	19.930.100								1.0
LSK	HN	40	353	ES		19 1	26.49-.150								1.0
LSK	HZ	40	353	IAML		19 1	33.64			19	0.4				
IGT	HZ	40	224	EP		19 1	19.79-.090								1.0
IGT	HE	40	224	ES		19 1	26.800.080								1.0
IGT	HZ	40	224	IAML		19 1	29.03			33	0.2				
SRN	HZ	57	280	EP		19 1	22.480.270								1.0



SRN	HN	57	280	ES	19	1	30.85	-.100									1.0
SRN	HZ	57	280	IAML	19	1	33.99		10	0.2							
KEK	HZ	74	263	EP	19	1	24.47	-.370									1.0
KEK	HN	74	263	ES	19	1	35.91	0.200									1.0
KEK	HZ	74	263	IAML	19	1	44.49		15	0.4							
NEST	HZ	76	26	EP	19	1	25.18	-.070									1.0
NEST	HE	76	26	ES	19	1	36.59	0.140									1.0
NEST	HZ	76	26	IAML	19	1	46.88		7	0.4							

**January 4 2022 Hour: 23:48 28.0 Lat: 39.94N Lon: 19.80E D: 12.3 Ag: TIR Local**  
**Magnitudes: 1.3ML TIR Rms: 0.4 secs**  
**18 km S of Himare**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	19	112	EP		2348	31.50	-.490							1.0
SRN	HN	19	112	ES		2348	35.09	-.120							1.0
SRN	HZ	19	112	IAML		2348	35.31		31	0.3					
KEK	HZ	26	180	EP		2348	32.71	-.350							1.0
KEK	HE	26	180	ES		2348	37.93	0.780							1.0
KEK	HZ	26	180	IAML		2348	38.88		24	0.2					
IGT	HZ	65	135	EP		2348	38.95	-.570							1.0
IGT	HE	65	135	ES		2348	48.84	-.000							1.0
IGT	HZ	65	135	IAML		2348	53.91		6	0.1					
LSK	HZ	72	71	EP		2348	41.06	0.250							1.0
LSK	HN	72	71	ES		2348	51.45	0.280							1.0
LSK	HZ	72	71	IAML		2348	54.77		5	0.2					
NEST	HZ	119	63	EP		2348	48.69	0.110							1.0
NEST	HN	119	63	ES		2349	5.37	0.120							1.0
NEST	HZ	119	63	IAML		2349	12.23		7	1.6					

**January 5 2022 Hour: 7:14 4.5 Lat: 41.05N Lon: 20.29E D: 3.0 Ag: TIR Local**  
**Magnitudes: 1.5ML TIR Rms: 0.3 secs**  
**14 km S of Librazhd**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	48	313	EP		714	12.47	-.670							1.0
TIR	HE	48	313	ES		714	20.64	0.500							1.0
TIR	HZ	48	313	IAML		714	23.74		17	0.4					
PHP	HZ	72	10	EP		714	17.39	0.090							1.0
PHP	HN	72	10	ES		714	27.61	-.060							1.0
PHP	HZ	72	10	IAML		714	29.53		7	0.3					
NEST	HZ	96	137	EP		714	21.55	-.020							1.0
NEST	HN	96	137	ES		714	35.58	0.170							1.0
NEST	HZ	96	137	IAML		714	39.74		8	0.5					
PUK	HZ	115	344	EP		714	24.82	-.110							1.0
PUK	HN	115	344	ES		714	41.58	0.100							1.0
PUK	HZ	115	344	IAML		714	43.44		4	0.5					

**January 5 2022 Hour: 9:9 46.3 Lat: 41.22N Lon: 19.96E D: 18.1 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR Rms: 0.5 secs**  
**15 km SE of Tirane**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	16	330	EP		9	9	51.04	0.510						1.0
TIR	HN	16	330	ES		9	9	54.20	0.220						1.0
TIR	HZ	16	330	IAML		9	9	54.84		189	0.1				
BERA	HN	58	181	ES		910	4.31	-.850							1.0
PHP	HZ	65	38	EP		9	9	57.58	-.400						1.0
PHP	HN	65	38	ES		910	6.77	-.700							1.0
PHP	HZ	65	38	IAML		910	9.95		12	0.2					
PUK	HZ	91	356	EP		910	2.77	0.430							1.0
PUK	HE	91	356	ES		910	15.63	0.280							1.0
PUK	HZ	91	356	IAML		910	19.93		8	0.5					
NEST	HZ	128	134	EP		910	8.77	0.350							1.0
NEST	HE	128	134	ES		910	27.02	0.660							1.0
NEST	HZ	128	134	IAML		910	30.07		9	0.5					
PDG	HE	146	337	ES		910	30.95	-.490							1.0

**January 5 2022 Hour: 19:32 30.5 Lat: 39.34N Lon: 20.98E D: 10.0F Ag: TIR Local**  
**Magnitudes: 1.6ML TIR Rms: 0.5 secs**  
**77 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	60	291	EP		1932	40.54	-.650							1.0
IGT	HN	60	291	ES		1932	49.29	-.570							1.0
IGT	HZ	60	291	IAML		1932	52.75			16	0.2				
LKD2	HZ	68	205	EP		1932	41.94	-.600							1.0
LKD2	HN	68	205	ES		1932	52.65	0.340							1.0
THL	HZ	92	74	EP		1932	47.68	0.750							1.0
THL	HE	92	74	ES		1932	59.74	-.510							1.0
SRN	HZ	103	306	EP		1932	49.17	0.210							1.0
SRN	HN	103	306	ES		1933	4.11	0.190							1.0
SRN	HZ	103	306	IAML		1933	7.28			7	0.4				
KEK	HZ	110	292	EP		1932	50.83	0.720							1.0
KEK	HN	110	292	ES		1933	6.18	0.170							1.0
KEK	HZ	110	292	IAML		1933	12.87			44	0.9				
NEST	HZ	119	3	EP		1932	51.74	-.040							1.0

**January 6 2022 Hour: 6:59 10.7 Lat: 39.56N Lon: 20.42E D: 24.4 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.4 secs**  
**23 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	8	252	EP		659	15.75	0.630							1.0
IGT	HN	8	252	ES		659	18.55	-.190							1.0
IGT	HZ	8	252	IAML		659	19.45			985	0.2				
SRN	HZ	51	315	EP		659	20.36	0.010							1.0
SRN	HE	51	315	ES		659	27.48	-.720							1.0
SRN	HZ	51	315	IAML		659	28.63			42	0.3				
KEK	HZ	56	288	EP		659	21.75	0.570							1.0
KEK	HN	56	288	ES		659	29.38	-.330							1.0
KEK	HZ	56	288	IAML		659	36.53			45	0.2				
LSK	HZ	68	13	EP		659	23.21	0.190							1.0
LSK	HE	68	13	ES		659	33.15	0.110							1.0
LSK	HZ	68	13	IAML		659	36.41			21	0.6				
NEST	HZ	109	29	EP		659	29.60	0.010							1.0
NEST	HN	109	29	ES		659	45.27	0.350							1.0
NEST	HZ	109	29	IAML		659	53.97			6	0.3				
THL	HZ	137	89	EP		659	33.89	0.070							1.0
THL	HE	137	89	ES		659	51.83	-.750							1.0

**January 6 2022 Hour: 8:11 0.0 Lat: 39.39N Lon: 20.17E D: 27.8 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.2 secs**  
**30 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	22	42	IP		811	5.81	-.250							1.0
IGT	HN	22	42	IS		811	11.07	0.130							1.0
IGT	HZ	22	42	IAML		811	12.18			20	0.1				
KEK	HZ	48	319	IP		811	9.44	-.010							1.0
KEK	HN	48	319	IS		811	17.23	0.150							1.0
KEK	HZ	48	319	IAML		811	24.12			73	2.0				
SRN	HZ	56	346	IP		811	10.81	0.130							1.0
SRN	HN	56	346	IS		811	19.03	-.280							1.0
SRN	HZ	56	346	IAML		811	25.64			35	4.1				
LSK	HZ	92	24	IP		811	16.37	0.050							1.0
LSK	HN	92	24	IS		811	29.58	0.080							1.0

**January 6 2022 Hour: 12:10 44.4 Lat: 39.77N Lon: 20.67E D: 15.0F Ag: TIR Local**  
**Magnitudes: 2.5ML TIR 2.7MW TIR Rms: 0.8 secs**

**41 km E of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	39	229	IP		1210	51.810	.070							1.0
IGT	HN	39	229	IS		1210	58.450	.750							1.0
IGT	HZ	39	229	IAML		1211	0.75			212	0.2				
LSK	HZ	43	351	IP		1210	51.69	-.730							1.0
LSK	HN	43	351	IS		1210	59.220	.290							1.0
LSK	HZ	43	351	IAML		1211	2.95			183	1.1				
SRN	HZ	59	283	IP		1210	54.49	-.490							1.0
SRN	HN	59	283	IS		1211	3.11	-.440							1.0
SRN	HZ	59	283	IAML		1211	4.66			103	0.6				
KEK	HZ	75	266	IP		1210	56.83	-.860							1.0
KEK	HN	75	266	IS		1211	8.35	-.100							1.0
KEK	HZ	75	266	IAML		1211	10.40			98	0.5				
NEST	HZ	79	24	IP		1210	57.69	-.630							1.0
NEST	HN	79	24	IS		1211	10.310	.700							1.0
NEST	HZ	79	24	IAML		1211	11.68			41	0.7				
LKD2	HZ	109	181	EP		1211	3.440	.200							1.0
LKD2	HN	109	181	ES		1211	18.690	.190							1.0
THL	HZ	117	101	EP		1211	5.87	1.21							1.0
THL	HN	117	101	ES		1211	19.58	-1.49							1.0
PHP	HZ	214	355	IP	A	1211	20.33	1.62							0.9

**January 6 2022 Hour: 13:55 35.6 Lat: 41.27N Lon: 19.88E D: 24.6 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR 2.3MW TIR Rms: 0.8 secs**

**7 km SE of Tirane**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	8	353	EP		1355	40.130	.010							1.0
TIR	HN	8	353	ES		1355	43.770	.020							1.0
TIR	HZ	8	353	IAML		1355	44.85			72	0.2				
BERA	HE	64	175	ES		1355	56.07	-.690							1.0
PHP	HZ	66	46	EP		1355	46.99	-.650							1.0
PHP	HN	66	46	ES		1355	56.37	-.990							1.0
PHP	HZ	66	46	IAML		1355	58.43			14	0.4				
PUK	HZ	85	1	EP		1355	50.75	-.030							1.0
PUK	HN	85	1	ES		1356	4.13	1.10							1.0
PUK	HZ	85	1	IAML		1356	6.95			11	0.3				
SDA	HZ	92	340	EP		1355	52.390	.690							1.0
SDA	HE	92	340	ES		1356	5.170	.460							1.0
BCI	HZ	122	7	EP		1355	56.710	.140							1.0
BCI	HN	122	7	ES		1356	13.850	.330							1.0
NEST	HZ	137	134	IP	A	1355	59.720	.740							1.0
NEST	HN	137	134	ES		1356	18.250	.380							1.0
NEST	HZ	137	134	IAML		1356	20.04			12	0.4				
PDG	HZ	138	338	EP		1355	58.85	-.170							1.0
PDG	HN	138	338	ES		1356	16.10	-1.85							1.0
SRN	HZ	155	176	EP		1356	1.900	.560							1.0
SRN	HN	155	176	ES		1356	21.05	-1.11							1.0
IGT	HZ	197	169	EP		1356	7.91	1.14							0.9
IGT	HZ	197	169	IAML	A	1356	47.22			29	2.5				

**January 6 2022 Hour: 15:38 33.6 Lat: 39.78N Lon: 20.91E D: 11.1 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR 2.3MW TIR Rms: 0.3 secs**

**61 km SE of Libohove**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	49	328	EP		1538	42.45	-.010							1.0
LSK	HN	49	328	ES		1538	50.080	.420							1.0
IGT	HZ	56	241	EP		1538	43.26	-.430							1.0
IGT	HE	56	241	ES		1538	51.75	-.120							1.0
IGT	HZ	56	241	IAML		1538	54.36			25	0.3				
NEST	HZ	72	10	EP		1538	46.570	.290							1.0

NEST	HN	72	10	ES	1538	55.90-	.660										1.0
NEST	HZ	72	10	IAML	1539	0.66			16	1.1							
SRN	HZ	78	278	EP	1538	47.420.	.100										1.0
SRN	HE	78	278	ES	1538	58.36-	.090										1.0
SRN	HZ	78	278	IAML	1538	59.24			24	0.5							
KEK	HZ	95	266	EP	1538	50.580.	.420										1.0
KEK	HE	95	266	ES	1539	3.47-	.110										1.0
THL	HZ	98	104	EP	1538	50.850.	.210										1.0
THL	HE	98	104	ES	1539	4.43-	.030										1.0

**January 6 2022 Hour: 17:14 16.4 Lat: 42.48N Lon: 20.02E D: 10.3 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR Rms: 0.5 secs**

**13 km N of Bajram\_Curri**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BCI	HZ	13	164	IP		1714	19.340.	.010							1.0
BCI	HN	13	164	ES		1714	21.57-	.160							1.0
BCI	HZ	13	164	IAML		1714	21.90		405	0.1					
PUK	HZ	49	193	EP		1714	25.750.	.350							1.0
PUK	HN	49	193	ES		1714	33.330.	.610							1.0
PUK	HZ	49	193	IAML		1714	35.48		18	0.2					
PDG	HZ	63	266	EP		1714	27.34-	.290							1.0
PDG	HE	63	266	ES		1714	37.050.	.290							1.0
PDG	HZ	63	266	IAML		1714	39.46		29	0.3					
SDA	HZ	64	223	EP		1714	28.150.	.340							1.0
SDA	HE	64	223	ES		1714	36.24-	.840							1.0
PHP	HZ	94	158	EP		1714	32.03-	.860							1.0
PHP	HN	94	158	ES		1714	46.15-	.130							1.0
PHP	HZ	94	158	IAML		1714	50.69		12	0.6					
NEST	HZ	244	159	EP		1714	55.720.	.570							0.9
NEST	HN	244	159	ES		1715	26.880.	.310							0.9

**January 6 2022 Hour: 18:11 57.3 Lat: 39.94N Lon: 19.79E D: 0.8 Ag: TIR Local**  
**Magnitudes: 1.3ML TIR Rms: 0.6 secs**

**15 km W of Sarande**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	19	110	EP		1812	0.33-	.350							1.0
SRN	HE	19	110	ES		1812	3.640.	.210							1.0
SRN	HZ	19	110	IAML		1812	5.04		32	0.3					
KEK	HZ	25	179	EP		1812	1.44-	.350							1.0
KEK	HE	25	179	ES		1812	6.45	1.02							1.0
KEK	HZ	25	179	IAML		1812	8.48		27	0.2					
IGT	HZ	65	134	EP		1812	8.04-	.800							1.0
IGT	HN	65	134	ES		1812	17.90-	.310							1.0
IGT	HZ	65	134	IAML		1812	19.90		4	0.2					
LSK	HN	73	71	ES		1812	20.42-	.350							1.0
NEST	HE	119	63	ES		1812	36.820.	.970							1.0

**January 6 2022 Hour: 18:32 51.9 Lat: 39.44N Lon: 20.77E D: 7.6 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR Rms: 0.5 secs**

**56 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	39	285	EP		1832	58.85-	.140							1.0
IGT	HN	39	285	ES		1833	4.58-	.180							1.0
IGT	HZ	39	285	IAML		1833	6.14		39	0.2					
LKD2	HZ	73	188	EP		1833	5.490.	.430							1.0
LKD2	HE	73	188	ES		1833	16.090.	.340							1.0
LSK	HZ	80	349	EP		1833	6.260.	.120							1.0
LSK	HN	80	349	ES		1833	18.460.	.760							1.0
SRN	HZ	82	306	IP		1833	7.190.	.730							1.0
SRN	HN	82	306	ES		1833	17.26-	1.03							1.0
SRN	HZ	82	306	IAML		1833	22.31		9	0.3					
KEK	HZ	89	290	EP		1833	7.920.	.310							1.0
KEK	HN	89	290	ES		1833	19.82-	.550							1.0
KEK	HZ	89	290	IAML		1833	24.32		13	0.2					

THL	HZ	108	82	EP	1833	10.28-	.450										1.0
THL	HE	108	82	ES	1833	25.24-	.770										1.0
NEST	HZ	110	12	EP	1833	11.13-	.110										1.0
NEST	HN	110	12	ES	1833	27.480.	.550										1.0

**January 6 2022 Hour: 19:1 0.9 Lat: 41.82N Lon: 20.07E D: 18.2 Ag: TIR Local**  
**Magnitudes: 1.1ML TIR Rms: 0.1 secs**  
**17 km E of Reshen**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	29	330	EP		19	1	6.980.	.060						1.0
PUK	HE	29	330	ES		19	1	11.800.	.010						1.0
PUK	HZ	29	330	IAML		19	1	12.61		12	0.2				
PHP	HZ	34	115	EP		19	1	7.770.	.050						1.0
PHP	HN	34	115	ES		19	1	13.20-	.040						1.0
PHP	HZ	34	115	IAML		19	1	15.26		4	0.1				
SDA	HZ	54	299	EP		19	1	10.45-	.270						1.0
SDA	HN	54	299	ES		19	1	18.770.	.110						1.0
SDA	HZ	54	299	IAML		19	1	21.35		10	0.1				
BCI	HZ	61	360	EP		19	1	12.160.	.230						1.0
BCI	HN	61	360	ES		19	1	20.70-	.150						1.0

**January 6 2022 Hour: 22:47 52.7 Lat: 40.01N Lon: 20.65E D: 9.1 Ag: TIR Local**  
**Magnitudes: 0.8ML TIR Rms: 0.5 secs**  
**31 km E of Libohove**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	16	343	EP		2247	56.10-	.010							1.0
LSK	HZ	16	343	IAML		2248	4.63			10	1.2				
NEST	HZ	56	37	EP		2248	3.010.	.120							1.0
NEST	HN	56	37	ES		2248	11.360.	.210							1.0
NEST	HZ	56	37	IAML		2248	13.78			2	0.1				
SRN	HZ	58	256	EP		2248	2.14-	.970							1.0
SRN	HN	58	256	ES		2248	12.140.	.590							1.0
SRN	HZ	58	256	IAML		2248	13.86			13	1.2				
IGT	HZ	60	207	EP		2248	3.10-	.390							1.0
IGT	HN	60	207	ES		2248	12.680.	.450							1.0

**January 7 2022 Hour: 2:24 23.8 Lat: 38.77N Lon: 21.22E D: 15.0F Ag: TIR Local**  
**Magnitudes: 2.3ML TIR 2.8MW TIR Rms: 0.8 secs**  
**133 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	49	273	EP		224	32.860.	.060							1.0
LKD2	HE	49	273	ES		224	40.430.	.350							1.0
THL	HZ	112	37	EP		224	43.460.	.260							1.0
THL	HE	112	37	ES		224	57.96-	.950							1.0
IGT	HZ	115	318	EP		224	42.48-	1.18							1.0
IGT	HE	115	318	ES		224	58.78-	.960							1.0
IGT	HZ	115	318	IAML		225	2.28			24	1.8				
KEK	HZ	162	311	IP		224	51.05-	.320							0.9
KEK	HN	162	311	IS		225	14.280.	.590							0.9
SRN	HN	162	320	ES		225	12.88-	.940							0.9
KEK	HZ	162	311	IAML		225	17.94			35	1.6				
SRN	HZ	162	320	EP		224	51.36-	.080							0.9
SRN	HZ	162	320	IAML		225	22.17			12	2.0				
LSK	HZ	163	341	IP		224	51.720.	.140							0.9
LSK	HN	163	341	ES		225	14.760.	.680							0.9
LSK	HZ	163	341	IAML	A	225	25.37			16	1.7				
NEST	HZ	184	355	EP		224	54.370.	.090							0.9
NEST	HN	184	355	ES		225	20.66	1.69							0.9
NEST	HZ	184	355	IAML		225	26.56			13	1.0				
KBN	HZ	210	350	EP		224	58.500.	.920							0.9

**January 7 2022 Hour: 2:35 14.2 Lat: 39.62N Lon: 20.46E D: 1.2 Ag: TIR Local**  
**Magnitudes: 1.4ML TIR Rms: 0.5 secs**  
**24 km E of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	15	231	IP		235	16.79	-.060							1.0
IGT	HN	15	231	IS		235	18.89	-.070							1.0
IGT	HZ	15	231	IAML		235	19.32			94	0.3				
SRN	HZ	49	307	EP		235	22.37	-.710							1.0
SRN	HN	49	307	ES		235	29.72	-.510							1.0
SRN	HZ	49	307	IAML		235	33.16			8	0.1				
KEK	HZ	58	281	EP		235	24.22	-.410							1.0
KEK	HE	58	281	ES		235	34.17	1.13							1.0
KEK	HZ	58	281	IAML		235	35.97			16	0.5				
LSK	HZ	61	11	EP		235	25.55	0.490							1.0
LSK	HN	61	11	ES		235	33.76	-.060							1.0
LSK	HZ	61	11	IAML		235	37.20			6	0.8				
NEST	HZ	102	29	EP		235	32.63	0.190							1.0

**January 7 2022 Hour: 3:1 19.3 Lat: 39.78N Lon: 20.41E D: 10.0F Ag: TIR Local**  
**Magnitudes: 1.2ML TIR Rms: 0.8 secs**  
**24 km NE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	28	194	EP		3 1	24.18	-.480							1.0
IGT	HN	28	194	ES		3 1	29.13	0.160							1.0
IGT	HZ	28	194	IAML		3 1	29.92			21	0.3				
SRN	HZ	37	288	EP		3 1	26.00	-.210							1.0
SRN	HE	37	288	ES		3 1	31.98	0.200							1.0
SRN	HZ	37	288	IAML		3 1	33.52			11	0.4				
LSK	HZ	44	21	EP		3 1	26.02	-1.48							1.0
LSK	HZ	44	21	IAML		3 1	39.31			4	0.3				
KEK	HZ	53	263	EP		3 1	29.16	0.180							1.0
KEK	HE	53	263	ES		3 1	36.87	0.070							1.0
NEST	HZ	89	37	EP		3 1	36.60	1.56							1.0

**January 7 2022 Hour: 4:13 38.2 Lat: 39.33N Lon: 19.74E D: 37.8 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR Rms: 0.5 secs**  
**49 km SW of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KEK	HZ	43	7	EP		413	48.02	0.230							1.0
KEK	HN	43	7	ES		413	54.78	-.800							1.0
KEK	HZ	43	7	IAML		413	56.58			48	0.1				
IGT	HZ	56	66	EP		413	49.47	0.010							1.0
IGT	HN	56	66	ES		413	58.46	-.140							1.0
IGT	HZ	56	66	IAML		413	59.90			16	0.4				
SRN	HZ	66	20	EP		413	50.66	-.090							1.0
SRN	HN	66	20	ES		414	1.84	0.890							1.0
SRN	HZ	66	20	IAML		414	5.44			18	1.4				
LSK	HZ	118	39	EP		413	57.71	-.250							1.0
LSK	HN	118	39	ES		414	13.64	-.340							1.0
LSK	HZ	118	39	IAML		414	24.12			5	0.6				
NEST	HZ	165	42	EP		414	4.57	0.530							0.9

**January 7 2022 Hour: 4:20 59.7 Lat: 40.75N Lon: 21.14E D: 14.4 Ag: TIR Local**  
**Magnitudes: 1.5ML TIR Rms: 0.5 secs**  
**19 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	33	244	EP		421	6.25	0.080							1.0
KBN	HE	33	244	ES		421	11.71	0.330							1.0
KBN	HZ	33	244	IAML		421	12.15			16	0.2				
NEST	HZ	39	192	EP		421	6.41	-.610							1.0
NEST	HN	39	192	ES		421	12.85	-.060							1.0
NEST	HZ	39	192	IAML		421	13.06			24	0.2				
LSK	HZ	81	215	EP		421	13.78	-.320							1.0

LSK	HN	81	215	ES	421	25.49-	.230								1.0
LSK	HZ	81	215	IAML	421	26.56			8	0.4					
SRN	HZ	137	225	EP	421	22.80-	.530								1.0
SRN	HN	137	225	ES	421	43.030.	.590								1.0
SRN	HZ	137	225	IAML	421	52.35			16	2.1					
THL	HZ	151	150	EP	421	26.550.	.830								1.0

**January 7 2022 Hour: 6:49 41.4 Lat: 39.66N Lon: 20.41E D: 12.7 Ag: TIR Local**  
**Magnitudes: 1.5ML TIR Rms: 0.3 secs**  
**19 km E of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	16	204	EP		649	44.990.	.010							1.0
IGT	HN	16	204	ES		649	47.87-	.010							1.0
IGT	HZ	16	204	IAML		649	48.46			212	0.1				
SRN	HZ	42	305	EP		649	49.420.	.230							1.0
SRN	HE	42	305	ES		649	55.760.	.270							1.0
SRN	HZ	42	305	IAML		649	59.15			8	0.2				
KEK	HZ	52	277	EP		649	50.82-	.040							1.0
KEK	HN	52	277	ES		649	58.19-	.320							1.0
KEK	HZ	52	277	IAML		650	3.30			15	0.3				
LSK	HZ	57	17	EP		649	52.080.	.430							1.0
LSK	HN	57	17	ES		649	59.41-	.540							1.0
NEST	HZ	100	33	EP		649	58.56-	.320							1.0
NEST	HE	100	33	ES		650	13.330.	.300							1.0

**January 7 2022 Hour: 10:51 9.1 Lat: 39.74N Lon: 20.73E D: 28.9 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR 2.2MW TIR Rms: 0.2 secs**  
**43 km E of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	41	237	EP		1051	17.06-	.560							1.0
IGT	HN	41	237	ES		1051	24.840.	.320							1.0
IGT	HZ	41	237	IAML		1051	27.95			34	0.2				
LSK	HZ	47	346	EP		1051	18.52-	.050							1.0
LSK	HN	47	346	ES		1051	26.280.	.030							1.0
LSK	HZ	47	346	IAML		1051	30.28			23	0.6				
SRN	HZ	65	285	EP		1051	21.070.	.040							1.0
SRN	HN	65	285	ES		1051	30.41-	.290							1.0
SRN	HZ	65	285	IAML		1051	33.51			21	0.2				
KEK	HE	80	268	ES		1051	35.150.	.130							1.0
NEST	HZ	80	20	EP		1051	23.580.	.100							1.0
NEST	HZ	80	20	IAML		1051	39.40			7	0.1				
KEK	HZ	80	268	EP		1051	23.670.	.260							1.0
KEK	HZ	80	268	IAML		1051	40.36			17	0.2				
NEST	HN	80	20	ES		1051	35.170.	.020							1.0

**January 7 2022 Hour: 13:14 52.5 Lat: 40.24N Lon: 19.40E D: 30.0F Ag: TIR Local**  
**Magnitudes: 1.8ML TIR Rms: 0.4 secs**  
**29 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	65	128	EP		1315	3.98-	.580							1.0
SRN	HN	65	128	ES		1315	14.15-	.210							1.0
KEK	HZ	68	150	EP		1315	5.160.	.170							1.0
KEK	HE	68	150	ES		1315	15.470.	.330							1.0
KEK	HZ	68	150	IAML		1315	17.66			20	0.3				
LSK	HZ	103	95	EP		1315	10.03-	.400							1.0
LSK	HN	103	95	ES		1315	25.180.	.200							1.0
NEST	HZ	142	82	EP		1315	16.600.	.530							1.0

**January 7 2022 Hour: 16:59 28.8 Lat: 39.51N Lon: 20.48E D: 2.3 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR Rms: 0.8 secs**  
**29 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	13	279	IP		1659	31.19	-.050							1.0
IGT	HN	13	279	IS		1659	33.69	0.510							1.0
IGT	HZ	13	279	IAML		1659	34.16			343	0.1				
SRN	HZ	58	315	IP		1659	38.17	-1.05							1.0
SRN	HN	58	315	IS		1659	46.96	-.670							1.0
SRN	HZ	58	315	IAML		17	0	15.48		29	2.4				
KEK	HZ	63	291	IP		1659	39.97	-.110							1.0
KEK	HN	63	291	IS		1659	50.15	0.970							1.0
KEK	HZ	63	291	IAML		17	0	10.76		59	3.8				
LSK	HZ	71	8	EP		1659	40.50	-1.09							1.0
NEST	HZ	111	26	IP		1659	49.31	0.630							1.0
NEST	HN	111	26	IS		17	0	5.660	0.900						1.0
NEST	HZ	111	26	IAML		17	0	10.06		18	2.3				

**January 7 2022 Hour: 21: 2 10.6 Lat: 39.31N Lon: 20.58E D: 10.0F Ag: TIR Local**  
**Magnitudes: 1.9ML TIR Rms: 0.5 secs**  
**51 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	32	319	EP		21	2	16.74	0.140						1.0
IGT	HN	32	319	ES		21	2	20.69	-.800						1.0
IGT	HZ	32	319	IAML		21	2	21.75		119	0.1				
SRN	HZ	80	322	EP		21	2	24.36	-.320						1.0
SRN	HN	80	322	ES		21	2	35.81	-.300						1.0
SRN	HZ	80	322	IAML		21	2	39.27		9	0.5				
KEK	HZ	80	304	EP		21	2	25.07	0.320						1.0
KEK	HN	80	304	ES		21	2	36.91	0.680						1.0
KEK	HZ	80	304	IAML		21	2	40.06		17	0.5				
LSK	HZ	93	1	EP		21	2	26.88	0.020						1.0
LSK	HN	93	1	ES		21	2	39.58	-.480						1.0
LSK	HZ	93	1	IAML		21	2	44.98		18	0.6				
THL	HZ	127	77	EP		21	2	32.39	-.080						1.0
THL	HN	127	77	ES		21	2	49.83	-.370						1.0
NEST	HZ	129	18	EP		21	2	33.09	0.240						1.0
NEST	HN	129	18	ES		21	2	51.87	0.980						1.0
NEST	HZ	129	18	IAML		21	2	55.34		9	0.3				

**January 7 2022 Hour: 21:21 27.0 Lat: 41.61N Lon: 20.57E D: 12.6 Ag: TIR Local**  
**Magnitudes: 1.2ML TIR Rms: 0.3 secs**  
**14 km S of Peshkopi**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	14	307	IP		2121	30.23	-.160							1.0
PHP	HN	14	307	ES		2121	33.21	0.090							1.0
PHP	HZ	14	307	IAML		2121	33.78			28	0.2				
PUK	HZ	74	311	EP		2121	40.28	0.150							1.0
PUK	HN	74	311	ES		2121	50.71	-.050							1.0
PUK	HZ	74	311	IAML		2121	54.71			1	0.2				
BCI	HZ	94	334	EP		2121	43.94	0.550							1.0
BCI	HN	94	334	ES		2121	56.23	-.420							1.0
NEST	HZ	139	163	EP		2121	50.74	-.170							1.0
NEST	HZ	139	163	IAML		2122	24.74			12	2.5				

**January 7 2022 Hour: 22:18 12.7 Lat: 39.33N Lon: 20.87E D: 5.0 Ag: TIR Local**  
**Magnitudes: 1.3ML TIR Rms: 0.1 secs**  
**69 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	52	296	EP		2218	21.94	-.030							1.0
IGT	HN	52	296	ES		2218	29.48	0.010							1.0
IGT	HZ	52	296	IAML		2218	30.87			10	0.2				
LSK	HZ	94	346	EP		2218	29.69	0.200							1.0



SRN	HZ	96	309	EP		2218	29.73-	.160									1.0
SRN	HN	96	309	ES		2218	43.77-	.020									1.0
KEK	HZ	102	295	EP		2218	30.870.	.120									1.0
NEST	HZ	121	7	EP		2218	33.95-	.110									1.0

**January 7 2022 Hour: 22:58 25.4 Lat: 39.51N Lon: 20.46E D: 2.2 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR Rms: 0.9 secs**

**29 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	11	281	IP	A	2258	27.18-	.270							1.0
IGT	HN	11	281	ES		2258	29.340.	.190							1.0
IGT	HZ	11	281	IAML		2258	29.97			139	0.1				
SRN	HZ	57	316	EP		2258	34.04-	1.48							1.0
SRN	HE	57	316	ES		2258	42.79-	.950							1.0
KEK	HZ	61	291	EP		2258	36.580.	.280							1.0
KEK	HE	61	291	ES		2258	46.65	1.48							1.0
NEST	HZ	112	26	EP		2258	45.350.	.010							1.0
NEST	HN	112	26	ES		2259	2.280.	.760							1.0

**January 7 2022 Hour: 23:14 2.7 Lat: 39.54N Lon: 20.51E D: 3.2 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR Rms: 0.4 secs**

**31 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	15	266	EP		2314	5.720.	.190							1.0
IGT	HN	15	266	ES		2314	7.950.	.140							1.0
IGT	HZ	15	266	IAML		2314	8.60			106	0.2				
SRN	HZ	58	311	EP		2314	12.63-	.400							1.0
SRN	HE	58	311	ES		2314	20.88-	.520							1.0
KEK	HZ	64	288	EP		2314	14.380.	.210							1.0
KEK	HE	64	288	ES		2314	23.760.	.310							1.0
KEK	HZ	64	288	IAML		2314	26.81			18	0.5				
LSK	HZ	68	6	EP		2314	14.07-	.790							1.0
LSK	HN	68	6	ES		2314	25.400.	.690							1.0
LSK	HZ	68	6	IAML		2314	34.47			10	1.8				
NEST	HZ	107	25	EP		2314	21.920.	.060							1.0
NEST	HN	107	25	ES		2314	37.490.	.110							1.0
NEST	HZ	107	25	IAML		2314	53.08			16	2.5				

**January 7 2022 Hour: 23:21 4.7 Lat: 39.96N Lon: 20.60E D: 26.3 Ag: TIR Local**  
**Magnitudes: 1.1ML TIR Rms: 0.6 secs**

**29 km E of Libohove**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	21	360	IP		2321	11.430.	.810							1.0
LSK	HN	21	360	ES		2321	15.39-	.020							1.0
LSK	HZ	21	360	IAML		2321	16.45			7	0.4				
SRN	HZ	52	261	EP		2321	14.740.	.130							1.0
SRN	HE	52	261	ES		2321	22.24-	.390							1.0
IGT	HZ	53	206	EP		2321	14.730.	.010							1.0
IGT	HE	53	206	ES		2321	22.62-	.220							1.0
IGT	HZ	53	206	IAML		2321	24.79			5	0.1				
NEST	HZ	64	37	EP		2321	17.220.	.750							1.0
NEST	HN	64	37	ES		2321	24.93-	1.07							1.0
NEST	HZ	64	37	IAML		2321	28.29			17	1.8				

**January 7 2022 Hour: 23:46 24.5 Lat: 41.57N Lon: 19.88E D: 5.1 Ag: TIR Local**  
**Magnitudes: 0.5ML TIR Rms: 0.6 secs**

**10 km NE of Kruje**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	25	183	EP		2346	28.38-	.600							1.0
TIR	HN	25	183	ES		2346	32.970.	.320							1.0
TIR	HZ	25	183	IAML		2346	33.80			2	0.2				
PHP	HZ	48	75	EP		2346	32.92-	.230							1.0
PHP	HN	48	75	ES		2346	40.630.	.440							1.0
PHP	HZ	48	75	IAML		2346	42.63			3	0.2				

PUK	HZ	52	1	EP	2346	33.08-	.800										1.0
PUK	HE	52	1	ES	2346	41.37-	.140										1.0
PUK	HZ	52	1	IAML	2346	42.77			2	0.1							
SDA	HZ	62	329	EP	2346	36.57	1.02										1.0

**January 7 2022 Hour: 23:49 40.2 Lat: 39.35N Lon: 20.21E D: 25.4 Ag: TIR Local**  
**Magnitudes: 2.5ML TIR 2.9MW TIR Rms: 0.7 secs**

**34 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	23	28	IP	A	2349	46.730	.630							1.0
IGT	HN	23	28	ES		2349	50.65-	.200							1.0
IGT	HZ	23	28	IAML		2349	53.31			258	0.3				
KEK	HZ	54	319	EP		2349	50.04-	.320							1.0
KEK	HN	54	319	ES		2349	58.19-	.370							1.0
KEK	HZ	54	319	IAML	A	2349	58.67			175	0.7				
SRN	HZ	61	343	EP		2349	51.50-	.040							1.0
SRN	HN	61	343	ES		2350	0.04-	.660							1.0
SRN	HZ	61	343	IAML		2350	2.33			57	0.4				
LSK	HZ	95	20	EP		2349	57.100	.260							1.0
LSK	HN	95	20	ES		2350	10.580	.290							1.0
LSK	HZ	95	20	IAML	A	2350	16.35			61	1.2				
NEST	HZ	138	31	IP	A	2350	4.150	.470							1.0
NEST	HN	138	31	ES		2350	22.22-	.450							1.0
VLO	HZ	138	334	EP		2350	4.68	1.06							1.0
NEST	HZ	138	31	IAML	A	2350	30.89			24	0.3				
KBN	HZ	150	19	EP		2350	5.810	.580							1.0
BERA	HZ	152	352	EP		2350	6.060	.650							1.0
BERA	HN	152	352	ES		2350	26.460	.650							1.0
BERA	HZ	152	352	IAML	A	2350	30.73			27	0.3				
THL	HZ	157	81	EP		2350	5.30-	.800							1.0
PHP	HZ	260	4	EP		2350	17.18-	2.17							0.9

**January 8 2022 Hour: 0:29 37.1 Lat: 41.88N Lon: 20.29E D: 4.0 Ag: TIR Local**  
**Magnitudes: 1.4ML TIR 2.2MW TIR Rms: 0.5 secs**

**24 km SW of Kukës**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	25	150	IP	A	029	41.900	.230							1.0
PHP	HN	25	150	ES		029	45.500	.100							1.0
PHP	HZ	25	150	IAML	A	029	45.92			36	0.2				
PUK	HZ	37	298	IP	A	029	43.960	.150							1.0
PUK	HE	37	298	ES		029	48.86-	.410							1.0
PUK	HZ	37	298	IAML		029	49.05			20	0.3				
BCI	HZ	57	341	EP		029	47.610	.370							1.0
BCI	HE	57	341	ES		029	55.23-	.240							1.0
BCI	HZ	57	341	IAML		029	57.83			10	0.2				
SDA	HZ	68	286	EP		029	49.300	.050							1.0
SDA	HN	68	286	ES		029	59.06-	.060							1.0
SDA	HZ	68	286	IAML		030	0.69			7	0.1				
TIR	HN	69	211	ES		029	59.510	.010							1.0
PDG	HZ	105	306	EP		029	55.02-	.630							1.0
PDG	HN	105	306	ES		030	11.330	.630							1.0
PDG	HZ	105	306	IAML	A	030	13.60			8	0.3				
BERA	HZ	134	192	EP		030	1.72	1.12							1.0
BERA	HE	134	192	ES		030	19.26-	.400							1.0
NEST	HZ	175	158	EP		030	6.45-	1.02							0.9

**January 8 2022 Hour: 1:24 22.2 Lat: 39.27N Lon: 20.57E D: 15.0F Ag: TIR Local**  
**Magnitudes: 2.7ML TIR 3.2MW TIR Rms: 0.3 secs**

**58 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	36	325	IP	A	124	29.090	.080							1.0
IGT	HZ	36	325	IAML	A	124	37.86			434	0.3				
LKD2	HZ	54	172	EP		124	31.940	.070							1.0
KEK	HZ	83	307	EP		124	36.54-	.200							1.0

KEK	HZ	83	307	IAML	A	124	55.36			165	0.2				
SRN	HZ	84	324	IP		124	36.72-	.170							1.0
SRN	HZ	84	324	IAML	A	124	53.73			47	0.6				
LSK	HZ	98	1	IP		124	39.390.	090							1.0
LSK	HZ	98	1	IAML	A	124	57.40			98	0.6				
THL	HZ	129	75	IP		124	44.16-	.140							1.0
NEST	HZ	134	18	IP		124	44.79-	.470							1.0
NEST	HZ	134	18	IAML	A	125	11.31			63	0.3				
KBN	HZ	152	7	IP		124	48.850.	640							1.0
KBN	HZ	152	7	IAML	A	125	14.11			38	0.8				
BERA	HZ	168	342	IP		124	50.830.	300							0.9
BERA	HZ	168	342	IAML	A	125	25.56			26	0.5				
TIR	HZ	239	346	IP		124	59.41-	.190							0.9
PUK	HZ	314	350	IAML	A	126	4.36			5	1.0				
PDG	HZ	368	343	IP	A	125	16.18-	.010							0.8

**January 8 2022 Hour: 2:15 3.9 Lat: 40.33N Lon: 19.73E D: 6.2 Ag: TIR Local**  
**Magnitudes: 1.5MW TIR Rms: 0.8 secs**  
**19 km W of Memaliaj**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLO	HZ	26	309	EP		215	9.340.	750							1.0
BERA	HZ	46	24	EP		215	10.46-	1.69							1.0
SRN	HZ	55	155	EP		215	13.59-	.110							1.0
SRN	HN	55	155	ES		215	20.90-	.750							1.0
KEK	HZ	68	175	EP		215	16.540.	400							1.0
LSK	HZ	76	105	EP		215	17.58-	.020							1.0
LSK	HN	76	105	ES		215	29.620.	920							1.0
IGT	HZ	102	150	EP		215	22.050.	130							1.0
IGT	HE	102	150	ES		215	36.10-	.430							1.0
NEST	HZ	112	85	EP		215	24.78	1.08							1.0
NEST	HE	112	85	ES		215	39.48-	.270							1.0

**January 8 2022 Hour: 4:20 49.4 Lat: 41.25N Lon: 20.05E D: 18.4 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR 2.1MW TIR Rms: 0.7 secs**  
**17 km N of Elbasan**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	19	305	EP		420	53.990.	050							1.0
TIR	HN	19	305	ES		420	57.920.	280							1.0
TIR	HZ	19	305	IAML	A	420	58.02			68	0.1				
PHP	HZ	58	34	IP	A	420	59.57-	.420							1.0
PHP	HN	58	34	ES		421	7.13-	1.46							1.0
PHP	HZ	58	34	IAML	A	421	9.23			14	2.1				
BERA	HZ	61	188	EP		421	0.38-	.080							1.0
BERA	HN	61	188	ES		421	8.77-	.670							1.0
BERA	HZ	61	188	IAML	A	421	10.21			28	0.3				
PUK	HZ	89	352	EP		421	4.69-	.330							1.0
PUK	HN	89	352	ES		421	17.820.	120							1.0
PUK	HZ	89	352	IAML	A	421	22.99			7	0.6				
KBN	HZ	94	138	EP		421	6.220.	430							1.0
KBN	HN	94	138	ES		421	19.460.	380							1.0
SDA	HZ	100	333	EP		421	6.830.	060							1.0
SDA	HN	100	333	ES		421	21.550.	690							1.0
BCI	HZ	124	1	EP		421	11.570.	760							1.0
NEST	HZ	126	137	EP		421	11.570.	440							1.0
NEST	HE	126	137	ES		421	29.030.	280							1.0
NEST	HZ	126	137	IAML		421	37.82			13	1.1				
LSK	HZ	131	159	EP		421	12.690.	730							1.0
LSK	HN	131	159	ES		421	31.50	1.25							1.0
LSK	HZ	131	159	IAML		421	46.13			15	1.1				
PDG	HZ	146	334	EP		421	14.09-	.210							1.0
PDG	HN	146	334	ES		421	34.610.	110							1.0
SRN	HZ	152	181	EP		421	14.37-	.880							1.0
SRN	HN	152	181	ES		421	34.63-	1.58							1.0
SRN	HZ	152	181	IAML		421	57.92			25	2.2				

January 8 2022 Hour: 6: 5 56.6 Lat: 41.08N Lon: 20.01E D: 15.9 Ag: TIR Local  
 Magnitudes: 2.8ML TIR Rms: 0.6 secs  
 6 km N of Cerrik

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	32	338	EP		6 6	2.970	.120							1.0
TIR	HN	32	338	ES		6 6	7.56-	.330							1.0
BERA	HZ	42	187	EP		6 6	4.12-	.420							1.0
BERA	HN	42	187	ES		6 6	10.64-	.300							1.0
BERA	HZ	42	187	IAML		6 6	10.97		1212	0.4					1.0
BPA1	HN	50	217	ES		6 6	12.76-	.290							1.0
BPA2	HZ	51	220	EP		6 6	5.24-	.680							1.0
BPA2	HN	51	220	ES		6 6	13.550	.110							1.0
PHP	HZ	76	28	EP		6 6	9.60-	.520							1.0
PHP	HN	76	28	ES		6 6	20.78-	.260							1.0
PHP	HZ	76	28	IAML		6 6	29.08		110	0.9					1.0
VLO	HZ	81	212	EP		6 6	11.290	.460							1.0
VLO	HN	81	212	ES		6 6	22.630	.310							1.0
KBN	HZ	83	127	EP		6 6	10.96-	.350							1.0
KBN	HN	83	127	ES		6 6	23.08-	.110							1.0
PUK	HZ	107	355	EP		6 6	15.06-	.210							1.0
PUK	HN	107	355	ES		6 6	30.750	.380							1.0
PUK	HZ	107	355	IAML		6 6	35.77		79	0.4					1.0
LSK	HZ	115	154	EP		6 6	15.88-	.720							1.0
SDA	HZ	115	339	EP		6 6	16.57-	.040							1.0
SDA	HN	115	339	ES		6 6	32.820	.030							1.0
SDA	HZ	115	339	IAML		6 6	38.53		50	1.0					1.0
LSK	HZ	115	154	IAML		6 6	38.18		100	0.9					1.0
NEST	HZ	115	130	EP		6 6	16.50-	.120							1.0
NEST	HN	115	130	ES		6 6	32.78-	.020							1.0
NEST	HZ	115	130	IAML		6 6	38.63		104	0.5					1.0
LSK	HN	115	154	ES		6 6	33.400	.630							1.0
SRN	HZ	134	180	EP		6 6	20.330	.720							1.0
SRN	HE	134	180	ES		6 6	38.960	.730							1.0
SRN	HZ	134	180	IAML		6 6	44.75		89	0.5					1.0
BCI	HZ	143	2	EP		6 6	20.67-	.510							1.0
BCI	HE	143	2	ES		6 6	42.51	1.45							1.0
BCI	HZ	143	2	IAML		6 6	47.06		100	0.6					1.0
KEK	HZ	153	187	EP		6 6	22.63-	.160							1.0
KEK	HN	153	187	ES		6 6	43.71-	.260							1.0
KEK	HZ	153	187	IAML		6 6	48.21		140	0.5					1.0
PDG	HZ	162	338	EP		6 6	24.300	.180							0.9
PDG	HN	162	338	ES		6 6	45.54-	.830							0.9
PDG	HZ	162	338	IAML		6 6	47.41		96	1.0					0.9
IGT	HZ	174	171	EP		6 6	27.21	1.48							0.9
IGT	HN	174	171	ES		6 6	48.14-	1.16							0.9
IGT	HZ	174	171	IAML		6 6	57.71		45	0.3					0.9
THL	HZ	240	134	EP		6 6	35.80	1.70							0.9
THL	HN	240	134	ES		6 7	3.72-	.730							0.9

January 8 2022 Hour: 6:27 24.6 Lat: 39.67N Lon: 20.63E D: 10.4 Ag: TIR Local  
 Magnitudes: 2.4ML TIR 3.0MW TIR Rms: 0.5 secs  
 38 km E of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	30	240	IP	A	627	30.470	.200							1.0
IGT	HN	30	240	ES		627	34.990	.160							1.0
IGT	HZ	30	240	IAML	A	627	36.38		256	0.3					1.0
LSK	HZ	54	357	EP		627	34.16-	.220							1.0
LSK	HN	54	357	ES		627	43.33	1.06							1.0
LSK	HZ	54	357	IAML	A	627	48.98		100	0.5					1.0
SRN	HZ	59	294	EP		627	34.96-	.240							1.0
SRN	HN	59	294	ES		627	43.41-	.360							1.0
SRN	HZ	59	294	IAML	A	627	43.80		96	1.0					1.0
KEK	HZ	72	274	EP		627	37.03-	.290							1.0

KEK	HN	72	274	ES		627	47.840.230										1.0
KEK	HZ	72	274	IAML	A	627	52.48	182	0.5								
NEST	HZ	90	23	EP		627	40.670.180										1.0
NEST	HN	90	23	ES		627	53.03-.310										1.0
NEST	HZ	90	23	IAML	A	627	56.72	66	0.6								
KBN	HZ	107	7	EP		627	42.32-.940										1.0
KBN	HN	107	7	ES		627	58.420.070										1.0
KBN	HZ	107	7	IAML		628	3.87	24	0.9								
THL	HZ	119	95	EP		627	46.170.900										1.0
THL	HN	119	95	ES		628	1.42-.570										1.0
BERA	HZ	129	333	EP		627	46.19-.650										1.0
BERA	HN	129	333	ES		628	4.870.030										1.0
BERA	HZ	129	333	IAML		628	13.48	24	0.1								
PHP	HZ	225	356	EP		628	1.82 1.00										0.9
PUK	HZ	271	347	EP		628	6.69-.110										0.9

**January 8 2022 Hour: 13:13 57.0 Lat: 38.83N Lon: 21.36E D: 10.0F Ag: TIR Local**  
**Magnitudes: 2.2ML TIR Rms: 0.2 secs**  
**136 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THL	HZ	99	35	EP		1314	14.17-.130								1.0
IGT	HZ	118	312	EP		1314	17.25-.190								1.0
IGT	HN	118	312	ES		1314	33.90-.070								1.0
IGT	HZ	118	312	IAML		1314	45.89		26	1.0					
LSK	HZ	160	336	EP		1314	24.570.040								0.9
LSK	HN	160	336	ES		1314	46.51-.290								0.9
LSK	HZ	160	336	IAML		1314	53.11		9	0.7					
SRN	HZ	165	315	EP		1314	25.530.260								0.9
SRN	HN	165	315	ES		1314	48.230.090								0.9
SRN	HZ	165	315	IAML		1314	56.57		21	1.4					
NEST	HZ	177	352	EP		1314	27.20-.070								0.9
NEST	HN	177	352	ES		1314	52.170.410								0.9
NEST	HZ	177	352	IAML		1314	55.70		9	0.4					

**January 8 2022 Hour: 15:45 7.6 Lat: 39.57N Lon: 20.50E D: 5.6 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.5 secs**  
**30 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	15	255	EP		1545	10.14-.280								1.0
IGT	HN	15	255	ES		1545	12.56-.130								1.0
IGT	HZ	15	255	IAML		1545	13.18		465	0.1					
IGT	HZ	15	255	IAML		1545	13.20		475	0.2					
SRN	HZ	55	309	EP		1545	17.19-.280								1.0
SRN	HN	55	309	ES		1545	25.630.190								1.0
SRN	HZ	55	309	IAML		1545	27.89		19	0.3					
KEK	HZ	62	285	EP		1545	18.62-.120								1.0
KEK	HN	62	285	ES		1545	27.870.130								1.0
KEK	HZ	62	285	IAML		1545	32.99		51	0.5					
LSK	HN	65	8	ES		1545	29.220.370								1.0
LSK	HZ	65	8	IAML		1545	33.05		12	0.5					
LKD2	HZ	88	171	EP		1545	22.53-.760								1.0
LKD2	HN	88	171	ES		1545	37.25 1.27								1.0
NEST	HZ	105	27	EP		1545	26.06-.240								1.0
NEST	HN	105	27	ES		1545	41.980.550								1.0
NEST	HZ	105	27	IAML		1545	48.85		19	0.4					
NEST	HZ	105	27	IAML		1545	48.91		19	0.6					
THL	HZ	131	90	EP		1545	29.99-.450								1.0
THL	HN	131	90	ES		1545	48.63-.290								1.0

**January 8 2022 Hour: 23:28 8.8 Lat: 39.53N Lon: 20.11E D: 15.0F Ag: TIR Local**  
**Magnitudes: 1.8ML TIR Rms: 0.7 secs**

**15 km SW of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	19	89	IP		2328	11.86	-.290							1.0
IGT	HN	19	89	IS		2328	15.55	0.680							1.0
IGT	HZ	19	89	IAML		2328	18.40			25	0.3				1.0
KEK	HZ	34	307	IP		2328	14.63	-.190							1.0
KEK	HN	34	307	IS		2328	19.73	0.020							1.0
KEK	HZ	34	307	IAML		2328	26.11			67	2.3				1.0
SRN	HZ	40	346	IP		2328	15.71	-.220							1.0
SRN	HN	40	346	IS		2328	21.61	-.120							1.0
SRN	HZ	40	346	IAML		2328	22.17			28	1.4				1.0
LSK	HZ	80	31	EP		2328	21.58	-1.56							1.0
LSK	HN	80	31	IS		2328	35.05	0.280							1.0
NEST	HZ	127	39	IP		2328	31.55	0.190							1.0
NEST	HN	127	39	IS		2328	49.14	-.520							1.0
BERA	HZ	131	354	IP		2328	33.38	1.36							1.0
BERA	HZ	131	354	IAML		2328	50.60			24	2.4				1.0
BERA	HN	131	354	IS		2328	51.29	0.440							1.0

**January 9 2022 Hour: 1:19 47.1 Lat: 38.95N Lon: 20.19E D: 11.3 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.5 secs**

**70 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	44	113	EP		119	54.78	-.490							1.0
LKD2	HE	44	113	ES		120	1.90	0.040							1.0
IGT	HZ	66	11	IP		119	59.30	0.430							1.0
IGT	HN	66	11	IS		120	8.66	0.280							1.0
IGT	HZ	66	11	IAML		120	22.51			29	3.1				1.0
KEK	HZ	91	339	IP		120	3.50	0.430							1.0
KEK	HN	91	339	IS		120	15.66	-.330							1.0
KEK	HZ	91	339	IAML		120	28.82			80	2.7				1.0
SRN	HZ	105	351	IP		120	4.83	-.460							1.0
SRN	HN	105	351	IS		120	19.74	-.260							1.0
SRN	HZ	105	351	IAML		120	32.93			19	1.5				1.0
NEST	HZ	179	24	IP		120	18.31	0.930							0.9
NEST	HN	179	24	IS		120	41.35	-.530							0.9

**January 9 2022 Hour: 7: 9 59.3 Lat: 41.09N Lon: 20.03E D: 6.2 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 2.7MW TIR Rms: 0.3 secs**

**4 km SW of Elbasan**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	32	335	EP		710	5.89	0.810							1.0
TIR	HE	32	335	ES		710	10.02	0.240							1.0
TIR	HZ	32	335	IAML		710	12.69			93	0.2				1.0
BERA	HZ	43	189	EP		710	6.95	-.120							1.0
BERA	HN	43	189	ES		710	13.28	-.100							1.0
BERA	HZ	43	189	IAML		710	13.86			253	0.2				1.0
PHP	HZ	75	27	EP		710	12.49	-.210							1.0
PHP	HN	75	27	ES		710	23.13	-.450							1.0
PHP	HZ	75	27	IAML		710	24.37			24	0.3				1.0
VLO	HZ	82	213	EP		710	13.89	-.070							1.0
VLO	HE	82	213	ES		710	25.59	-.260							1.0
VLO	HZ	82	213	IAML		710	30.00			130	0.5				1.0
KBN	HZ	82	128	EP		710	13.93	-.090							1.0
KBN	HN	82	128	ES		710	26.17	0.200							1.0
KBN	HZ	82	128	IAML		710	28.78			23	0.3				1.0
PUK	HZ	107	354	EP		710	18.00	-.120							1.0
PUK	HN	107	354	ES		710	33.37	-.020							1.0
PUK	HZ	107	354	IAML	A	710	38.72			27	0.4				1.0
NEST	HZ	114	131	EP		710	19.38	-.010							1.0
NEST	HN	114	131	ES		710	36.06	0.370							1.0

NEST	HZ	114	131	IAML	710	41.84			27	0.7					
LSK	HZ	115	155	EP	710	19.620.130									1.0
LSK	HN	115	155	ES	710	35.910.050									1.0
LSK	HZ	115	155	IAML A	710	46.11			41	2.3					
SDA	HZ	116	338	EP	710	19.50-.050									1.0
SDA	HE	116	338	ES	710	36.300.330									1.0
SDA	HZ	116	338	IAML	710	40.66			18	0.3					
SRN	HZ	134	181	EP	710	22.930.300									1.0
SRN	HN	134	181	ES	710	41.820.260									1.0
SRN	HZ	134	181	IAML	710	44.79			30	0.2					
SRN	HZ	134	181	IAML	710	44.90			33	0.4					
BCI	HZ	142	1	EP	710	23.85-.160									1.0
BCI	HN	142	1	ES	710	44.00-.040									1.0
KEK	HZ	154	187	EP	710	25.91-.030									1.0
KEK	HZ	154	187	IAML	710	51.10			55	0.4					
PDG	HZ	162	337	EP	710	27.26-.040									0.9
PDG	HN	162	337	ES	710	49.69-.320									0.9
PDG	HZ	162	337	IAML	710	50.77			36	0.5					
IGT	HZ	175	171	EP	710	29.16-.250									0.9
IGT	HN	175	171	ES	710	53.38-.440									0.9

**January 9 2022 Hour: 7:42 14.7 Lat: 38.83N Lon: 20.31E D: 3.7 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 2.8MW TIR Rms: 0.2 secs**

**92 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	78	1	EP		742	28.51-.110								1.0
IGT	HE	78	1	ES		742	39.85-.040								1.0
IGT	HZ	78	1	IAML		742	44.08			71	0.2				
KEK	HZ	107	336	EP		742	33.960.180								1.0
KEK	HN	107	336	ES		742	49.300.080								1.0
KEK	HZ	107	336	IAML		742	52.64			60	0.4				
SRN	HZ	119	347	EP		742	35.790.020								1.0
SRN	HE	119	347	ES		742	52.900.060								1.0
SRN	HZ	119	347	IAML		742	54.04			38	0.7				
LSK	HZ	148	10	EP		742	40.29-.390								1.0
LSK	HN	148	10	ES		743	1.850.140								1.0
LSK	HZ	148	10	IAML		743	13.06			47	0.9				
THL	HZ	168	61	EP		742	43.89-.040								0.9
THL	HN	168	61	ES		743	7.810.210								0.9
NEST	HZ	187	20	EP		742	47.120.190								0.9
NEST	HE	187	20	ES		743	12.70-.320								0.9
NEST	HZ	187	20	IAML A		743	20.32			15	0.6				

**January 9 2022 Hour: 9:47 42.2 Lat: 40.15N Lon: 19.78E D: 10.5 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR Rms: 0.2 secs**

**6 km NE of Himare**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	35	148	EP		947	48.820.050								1.0
SRN	HE	35	148	ES		947	53.97-.110								1.0
SRN	HZ	35	148	IAML		947	55.48			52	0.2				
KEK	HZ	48	178	EP		947	51.050.030								1.0
KEK	HN	48	178	ES		947	58.250.100								1.0
KEK	HZ	48	178	IAML		947	59.99			31	0.1				
BERA	HZ	63	13	EP		947	53.730.210								1.0
BERA	HE	63	13	ES		948	2.35-.320								1.0
BERA	HZ	63	13	IAML		948	4.87			12	0.2				
LSK	HZ	70	90	EP		947	54.51-.130								1.0
LSK	HN	70	90	ES		948	4.68-.030								1.0
IGT	HZ	83	145	EP		947	56.77-.050								1.0
IGT	HN	83	145	ES		948	8.48-.160								1.0
IGT	HZ	83	145	IAML		948	13.74			8	0.1				
NEST	HZ	112	74	EP		948	1.910.230								1.0
NEST	HE	112	74	ES		948	17.620.190								1.0
NEST	HZ	112	74	IAML		948	24.99			11	0.8				

**January 9 2022 Hour: 11:50 12.0 Lat: 40.66N Lon: 20.53E D: 3.7 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR Rms: 0.2 secs**  
**15 km W of Maliq**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	22	99	IP		1150	16.340	.360							1.0
KBN	HE	22	99	IS		1150	19.380	.190							1.0
KBN	HZ	22	99	IAML		1150	20.15			75	0.1				
BERA	HZ	50	276	EP		1150	21.060	.120							1.0
BERA	HN	50	276	ES		1150	28.03-	.130							1.0
BERA	HZ	50	276	IAML		1150	29.02			33	0.1				
NEST	HZ	51	121	EP		1150	20.91-	.290							1.0
NEST	HE	51	121	ES		1150	28.53-	.100							1.0
NEST	HZ	51	121	IAML		1150	30.95			29	0.0				
LSK	HZ	57	174	EP		1150	21.92-	.230							1.0
LSK	HN	57	174	ES		1150	30.360	.020							1.0
LSK	HZ	57	174	IAML		1150	32.40			40	0.2				
SRN	HZ	97	208	EP		1150	29.31-	.130							1.0
SRN	HE	97	208	ES		1150	44.100	.560							1.0
SRN	HZ	97	208	IAML		1150	51.12			27	2.0				
IGT	HZ	126	188	EP		1150	34.01-	.200							1.0
IGT	HN	126	188	ES		1150	52.00-	.180							1.0

**January 9 2022 Hour: 15:39 14.0 Lat: 40.96N Lon: 20.84E D: 10.0F Ag: TIR Local**  
**Magnitudes: 1.3ML TIR Rms: 0.5 secs**  
**17 km NE of Pogradec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	38	187	EP		1539	20.31-	.660							1.0
KBN	HN	38	187	ES		1539	26.24-	.390							1.0
KBN	HZ	38	187	IAML		1539	26.90			9	0.2				
NEST	HZ	63	164	EP		1539	25.530	.200							1.0
NEST	HN	63	164	ES		1539	34.800	.280							1.0
NEST	HZ	63	164	IAML		1539	35.06			11	0.3				
PHP	HZ	87	338	EP		1539	29.900	.590							1.0
PHP	HN	87	338	ES		1539	41.11-	.630							1.0

**January 9 2022 Hour: 18:13 13.2 Lat: 41.27N Lon: 19.59E D: 26.2 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 3.0MW TIR Rms: 0.4 secs**  
**8 km S of Shijak**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	25	69	EP		1813	18.89-	.440							1.0
TIR	HE	25	69	ES		1813	24.14-	.170							1.0
TIR	HZ	25	69	IAML		1813	25.03			260	0.3				
BPA2	HZ	60	178	EP		1813	24.440	.160							1.0
BERA	HZ	70	154	EP		1813	25.63-	.180							1.0
BERA	HN	70	154	ES		1813	35.67-	.380							1.0
BERA	HZ	70	154	IAML		1813	39.61			56	0.2				
PHP	HZ	85	57	EP		1813	27.74-	.450							1.0
PHP	HN	85	57	ES		1813	40.370	.010							1.0
PHP	HZ	85	57	IAML		1813	48.16			30	0.4				
SDA	HZ	87	355	EP		1813	28.47-	.060							1.0
SDA	HN	87	355	ES		1813	41.100	.140							1.0
SDA	HZ	87	355	IAML		1813	48.16			16	0.2				
VLO	HZ	89	185	EP		1813	28.64-	.230							1.0
VLO	HN	89	185	ES		1813	42.170	.600							1.0
VLO	HZ	89	185	IAML		1813	44.64			68	0.2				
PUK	HZ	90	16	EP		1813	29.170	.190							1.0
PUK	HN	90	16	ES		1813	41.78-	.000							1.0
PUK	HZ	90	16	IAML		1813	49.01			33	0.3				
KBN	HZ	124	125	EP		1813	34.740	.420							1.0
KBN	HN	124	125	ES		1813	51.740	.290							1.0
KBN	HZ	124	125	IAML		1813	54.80			23	0.5				
BCI	HZ	128	18	EP		1813	35.400	.370							1.0
BCI	HN	128	18	ES		1813	52.940	.220							1.0



BCI	HZ	128	18	IAML	1814	0.94			43	0.5					
PDG	HZ	132	348	EP	1813	35.45-	.110								1.0
PDG	HN	132	348	ES	1813	53.28-	.410								1.0
PDG	HZ	132	348	IAML	1813	54.84			51	0.3					
LSK	HZ	151	145	EP	1813	38.09-	.170								1.0
LSK	HN	151	145	ES	1813	58.40-	.170								1.0
LSK	HZ	151	145	IAML	1814	5.42			25	0.8					
NEST	HZ	155	127	EP	1813	39.93	1.07								1.0
NEST	HN	155	127	ES	1813	59.950.	.290								1.0
NEST	HZ	155	127	IAML	1814	2.19			24	0.7					
SRN	HZ	158	167	EP	1813	39.260.	.170								0.9
SRN	HE	158	167	ES	1813	59.94-	.150								0.9
SRN	HZ	158	167	IAML	1814	3.03			16	0.3					
KEK	HZ	174	174	EP	1813	40.91-	.220								0.9
KEK	HE	174	174	ES	1814	3.34-	.420								0.9
KEK	HZ	174	174	IAML	1814	5.22			34	0.3					
IGT	HZ	203	162	EP	1813	44.890.	.020								0.9
IGT	HN	203	162	ES	1814	10.43-	.100								0.9
IGT	HZ	203	162	IAML	1814	17.46			12	0.5					
THL	HZ	279	132	EP	1813	55.140.	.480								0.8
THL	HN	279	132	ES	1814	27.43-	.830								0.8

**January 9 2022 Hour: 20:13 46.0 Lat: 40.45N Lon: 20.96E D: 1.9 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR Rms: 0.4 secs**  
**19 km S of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	8	118	IP	A	2013	47.50-	.060							1.0
NEST	HN	8	118	ES		2013	48.920.	.070							1.0
NEST	HZ	8	118	IAML		2013	49.21		719	0.1					
KBN	HZ	24	323	EP		2013	50.19-	.110							1.0
KBN	HN	24	323	ES		2013	53.73-	.090							1.0
KBN	HZ	24	323	IAML		2013	55.05		35	0.2					
LSK	HZ	45	223	EP		2013	53.48-	.610							1.0
LSK	HN	45	223	ES		2014	0.19-	.490							1.0
SRN	HZ	104	233	EP		2014	5.300.	.860							1.0
SRN	HN	104	233	ES		2014	19.870.	.450							1.0
SRN	HZ	104	233	IAML		2014	32.88		10	1.2					
IGT	HZ	115	208	EP		2014	6.710.	.240							1.0
IGT	HN	115	208	ES		2014	22.85-	.240							1.0
IGT	HZ	115	208	IAML		2014	24.97		8	1.3					

**January 9 2022 Hour: 21:31 30.5 Lat: 41.24N Lon: 19.50E D: 20.8 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR Rms: 0.8 secs**  
**8 km NW of Kavaje**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	33	69	EP		2131	36.74-	.420							1.0
TIR	HN	33	69	ES		2131	42.25-	.340							1.0
TIR	HZ	33	69	IAML		2131	42.82		137	0.3					
BERA	HZ	71	148	EP		2131	43.14-	.040							1.0
BERA	HN	71	148	ES		2131	53.38-	.100							1.0
BERA	HZ	71	148	IAML		2131	56.35		44	0.5					
VLO	HZ	86	180	EP		2131	46.000.	.350							1.0
VLO	HZ	86	180	IAML		2132	2.39		48	0.1					
SDA	HZ	90	360	EP		2131	46.440.	.220							1.0
SDA	HN	90	360	ES		2131	59.480.	.490							1.0
SDA	HZ	90	360	IAML		2132	1.12		14	0.7					
PHP	HZ	93	58	EP		2131	45.43-	1.33							1.0
PHP	HZ	93	58	IAML		2132	1.57		14	0.5					
PUK	HZ	95	20	EP		2131	46.89-	.220							1.0
PUK	HN	95	20	ES		2132	1.520.	.930							1.0
PUK	HZ	95	20	IAML		2132	7.62		24	0.4					
KBN	HZ	128	122	EP		2131	52.11-	.400							1.0
KBN	HN	128	122	ES		2132	10.660.	.300							1.0
KBN	HZ	128	122	IAML		2132	14.79		22	0.8					

BCI	HZ	133	20	EP	2131	52.53-.730									1.0
BCI	HZ	133	20	IAML	2132	17.25		28	0.4						
PDG	HZ	133	351	EP	2131	53.730.520									1.0
PDG	HN	133	351	ES	2132	10.71-.920									1.0
PDG	HZ	133	351	IAML	2132	12.44		33	1.1						
LSK	HZ	153	142	EP	2131	56.850.480									1.0
LSK	HN	153	142	ES	2132	18.55 1.20									1.0
LSK	HZ	153	142	IAML	2132	28.30		15	0.5						
SRN	HZ	157	164	EP	2131	58.29 1.47									1.0
SRN	HN	157	164	ES	2132	16.15-2.01									1.0
SRN	HZ	157	164	IAML	2132	21.02		14	0.4						
NEST	HZ	160	125	EP	2131	58.100.830									0.9
NEST	HN	160	125	ES	2132	19.230.250									0.9
NEST	HZ	160	125	IAML	2132	20.31		16	0.2						
KEK	HZ	172	171	EP	2131	58.830.110									0.9
KEK	HN	172	171	ES	2132	20.13-1.48									0.9
KEK	HZ	172	171	IAML	2132	31.60		22	2.1						
IGT	HZ	203	159	EP	2132	3.190.510									0.9
IGT	HN	203	159	ES	2132	29.230.450									0.9
IGT	HZ	203	159	IAML	2132	31.78		12	1.5						

**January 9 2022 Hour: 21:43 45.5 Lat: 40.83N Lon: 21.43E D: 4.8 Ag: TIR Local**  
**Magnitudes: 5.5ML TIR 5.3MW DRE Rms: 0.5 secs**  
**44 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	56	215	EP	C	2143	56.340.710								1.0
NEST	HN	56	215	ES		2144	3.78-.050								1.0
NEST	HZ	56	215	IAML		2144	6.17		296000	0.5					
KBN	HZ	59	247	IP	C	2143	56.520.450								1.0
KBN	HE	59	247	ES		2144	4.59-.040								1.0
KBN	HZ	59	247	IAML		2144	5.27		78835	0.4					
LSK	HZ	103	223	EP	C	2144	3.23-.670								1.0
LSK	HN	103	223	ES		2144	18.830.040								1.0
LSK	HZ	103	223	IAML		2144	23.98		62998	0.7					
BERA	HZ	126	264	EP	C	2144	6.52-1.05								0.7
BERA	HN	126	264	ES		2144	25.740.300								0.7
BERA	HZ	126	264	IAML		2144	36.98		22276	0.5					
PHP	HZ	126	319	EP	C	2144	6.71-.910								0.7
PHP	HN	126	319	ES		2144	25.740.210								0.7
PHP	HZ	126	319	IAML		2144	31.82		42644	0.8					
THE	HZ	132	99	IP	C	2144	9.61 1.06								0.7
THE	HN	132	99	ES		2144	27.05-.170								0.7
THE	HZ	132	99	IAML		2144	37.15		11746	0.5					
TIR	HZ	143	294	EP	C	2144	10.20-.310								0.6
TIR	HE	143	294	ES		2144	31.370.610								0.6
TIR	HZ	143	294	IAML		2144	40.74		19844	0.8					
THL	HZ	149	160	EP	C	2144	10.90-.590								0.5
THL	HN	149	160	ES		2144	32.21-.330								0.5
BPA2	HZ	153	266	EP	C	2144	11.76-.380								0.5
BPA2	HE	153	266	ES		2144	34.240.520								0.5
SRN	HZ	161	229	EP	C	2144	13.06-.360								0.4
SRN	HE	161	229	ES		2144	35.98-.060								0.4
SRN	HZ	161	229	IAML		2144	44.56		21638	0.6					
VLO	HZ	168	257	EP	C	2144	14.19-.490								0.3
VLO	HN	168	257	ES		2144	38.650.340								0.3
VLO	HZ	168	257	IAML		2144	43.55		30444	0.3					
IGT	HZ	172	213	EP	D	2144	15.860.590								0.3
IGT	HE	172	213	ES		2144	39.490.120								0.3
IGT	HZ	172	213	IAML		2144	43.45		33887	0.7					
KEK	HZ	186	229	EP	D	2144	17.670.270								0.1
KEK	HN	186	229	ES		2144	43.840.600								0.1
KEK	HZ	186	229	IAML		2144	47.12		33917	0.8					
PUK	HZ	186	317	EP	D	2144	17.27-.180								0.1
PUK	HN	186	317	ES		2144	44.060.730								0.1

PUK	HZ	186	317	IAML		2144	47.88		14366	0.6				
BCI	HZ	205	327	EP	C	2144	19.81-.010							0.0
BCI	HN	205	327	ES		2144	48.280.660							0.0
BCI	HZ	205	327	IAML		2144	56.72		26332	0.7				
SDA	HZ	210	311	EP	C	2144	21.110.620							0.0
SDA	HN	210	311	ES		2144	49.92 1.10							0.0
SDA	HZ	210	311	IAML		2145	5.90		18463	1.4				
PDG	HZ	253	315	EP	C	2144	26.960.980							0.0
PDG	HE	253	315	ES		2144	59.230.470							0.0
PDG	HZ	253	315	IAML		2145	11.55		17644	0.8				
RDO	HZ	347	83	EP	C	2144	36.61-1.43							0.0
ITM	HZ	408	174	EP	D	2144	46.440.610							0.0
KIRK	HZ	486	76	EP	D	2144	54.12-1.75							0.0
KARB	HZ	490	118	EP	C	2144	54.97-1.40							0.0
BZS	HZ	532	2	EP	C	2144	59.15-2.53							0.0
BLY	HZ	557	323	EP	C	2145	4.11-.590							0.0
ARG	HZ	776	129	EP		2145	34.71 2.91							0.0

**January 9 2022 Hour: 21:49 51.0 Lat: 40.83N Lon: 21.40E D: 11.9 Ag: TIR Local**  
**Magnitudes: 2.9ML TIR Rms: 0.7 secs**  
**41 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	55	213	EP		2150	0.81-.070								1.0
NEST	HN	55	213	ES		2150	8.57-.310								1.0
NEST	HZ	55	213	IAML		2150	10.31		1395	0.3					
KBN	HZ	57	247	EP		2150	0.78-.420								1.0
KBN	HN	57	247	ES		2150	8.37-1.10								1.0
KBN	HZ	57	247	IAML		2150	10.89		462	0.3					
LSK	HZ	101	223	EP		2150	8.16-.510								1.0
LSK	HN	101	223	ES		2150	22.52-.460								1.0
LSK	HZ	101	223	IAML		2150	26.32		175	0.3					
BERA	HZ	123	264	EP		2150	11.37-.930								1.0
BERA	HN	123	264	ES		2150	30.59 1.04								1.0
BERA	HZ	123	264	IAML		2150	32.98		92	0.5					
PHP	HZ	125	320	EP		2150	12.710.140								1.0
PHP	HN	125	320	ES		2150	29.70-.340								1.0
PHP	HZ	125	320	IAML		2150	33.12		111	0.9					
THE	HZ	134	99	EP		2150	14.340.350								1.0
TIR	HZ	142	295	EP		2150	14.94-.390								1.0
TIR	HN	142	295	ES		2150	34.78-.250								1.0
TIR	HZ	142	295	IAML		2150	41.36		58	0.7					
THL	HZ	149	159	EP		2150	16.01-.600								1.0
SRN	HZ	159	229	EP		2150	18.830.650								0.9
SRN	HN	159	229	ES		2150	40.780.590								0.9
SRN	HZ	159	229	IAML		2150	42.28		61	0.4					
VLO	HZ	166	257	EP		2150	20.290.890								0.9
VLO	HE	166	257	ES		2150	43.59 1.18								0.9
IGT	HZ	170	213	EP		2150	20.290.310								0.9
IGT	HN	170	213	ES		2150	43.30-.150								0.9
IGT	HZ	170	213	IAML		2150	46.49		57	0.7					
KEK	HZ	184	228	EP		2150	23.48 1.71								0.9
KEK	HE	184	228	ES		2150	45.98-.710								0.9
KEK	HZ	184	228	IAML		2150	54.35		115	0.9					
PUK	HZ	185	317	EP		2150	21.68-.280								0.9
PUK	HN	185	317	ES		2150	46.83-.200								0.9
PUK	HZ	185	317	IAML		2150	51.99		42	2.2					
BCI	HZ	204	327	EP		2150	24.720.340								0.9
SDA	HZ	209	311	EP		2150	25.190.220								0.9
SDA	HE	209	311	ES		2150	52.15-.330								0.9

January 9 2022 Hour: 21:53 19.9 Lat: 40.86N Lon: 21.46E D: 10.0F Ag: TIR Local  
 Magnitudes: 4.3ML TIR Rms: 0.9 secs  
 47 km E of Pustec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	60	215	EP		2153	30.31	-.500							1.0
NEST	HN	60	215	ES		2153	38.82	-.790							1.0
NEST	HZ	60	215	IAML		2153	43.05		12784	0.4					
KBN	HZ	62	245	EP		2153	30.40	-.740							1.0
KBN	HN	62	245	ES		2153	39.06	-1.15							1.0
KBN	HZ	62	245	IAML		2153	46.38		4863	0.8					
LSK	HZ	107	223	EP		2153	38.85	0.220							1.0
LSK	HE	107	223	ES		2153	53.16	-.610							1.0
LSK	HZ	107	223	IAML		2154	2.11		5631	0.7					
PHP	HZ	125	317	EP		2153	40.33	-1.29							1.0
PHP	HN	125	317	ES		2153	59.10	-.070							1.0
PHP	HZ	125	317	IAML		2154	0.72		2714	1.6					
BERA	HZ	128	263	EP		2153	41.94	-.180							1.0
BERA	HN	128	263	ES		2153	59.51	-.570							1.0
BERA	HZ	128	263	IAML		2154	4.18		1274	0.4					
THE	HZ	130	101	EP		2153	42.88	0.510							1.0
THE	HN	130	101	ES		2153	59.97	-.560							1.0
THE	HZ	130	101	IAML		2154	2.98		1593	0.7					
TIR	HZ	144	293	EP		2153	44.08	-.700							1.0
TIR	HN	144	293	ES		2154	4.62	-.270							1.0
TIR	HZ	144	293	IAML		2154	10.33		955	0.9					
THL	HZ	151	162	EP		2153	45.41	-.530							1.0
THL	HN	151	162	ES		2154	8.30	1.30							1.0
BPA2	HZ	156	265	EP		2153	46.24	-.430							1.0
SRN	HZ	165	229	EP		2153	48.54	0.390							0.9
SRN	HN	165	229	ES		2154	10.46	-.530							0.9
SRN	HZ	165	229	IAML		2154	18.77		1387	0.3					
VLO	HZ	171	256	EP		2153	49.52	0.240							0.9
VLO	HE	171	256	ES		2154	15.12	2.08							0.9
VLO	HZ	171	256	IAML		2154	19.60		1819	0.5					
IGT	HZ	176	213	EP		2153	49.76	-.090							0.9
IGT	HN	176	213	ES		2154	14.71	0.630							0.9
IGT	HZ	176	213	IAML		2154	21.94		1545	0.5					
PUK	HZ	185	316	EP		2153	50.23	-.950							0.9
PUK	HE	185	316	ES		2154	16.01	-.470							0.9
PUK	HZ	185	316	IAML		2154	20.92		705	0.5					
KEK	HZ	190	228	EP		2153	51.58	-.100							0.9
KEK	HN	190	228	ES		2154	19.45	2.07							0.9
KEK	HZ	190	228	IAML		2154	27.62		2108	0.6					
BCI	HZ	204	326	EP		2153	53.08	-.390							0.9
BCI	HE	204	326	ES		2154	20.70	0.080							0.9
BCI	HZ	204	326	IAML		2154	35.61		1464	1.4					
SDA	HZ	210	310	EP		2153	55.04	0.770							0.9
SDA	HN	210	310	ES		2154	24.83	2.76							0.9
SDA	HZ	210	310	IAML		2154	30.53		754	1.8					
PDG	HZ	253	314	EP		2153	59.83	0.110							0.9
PDG	HN	253	314	ES		2154	32.80	0.870							0.9
PDG	HZ	253	314	IAML		2154	37.97		766	0.8					

January 9 2022 Hour: 22:21 2.9 Lat: 40.78N Lon: 21.39E D: 11.1 Ag: TIR Local  
 Magnitudes: 3.9ML TIR 4.0MW TIR Rms: 0.8 secs  
 37 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	49	215	EP		2221	12.65	0.750							1.0
NEST	HN	49	215	ES		2221	19.50	0.340							1.0
NEST	HZ	49	215	IAML		2221	20.05		10919	0.2					
KBN	HZ	53	252	IP		2221	12.47	-.090							1.0
KBN	HN	53	252	IS		2221	19.19	-1.17							1.0
KBN	HZ	53	252	IAML		2221	21.36		4111	0.4					

LSK	HZ	96	224	EP	2221	19.75-	.000										1.0
LSK	HN	96	224	ES	2221	32.13-	1.24										1.0
LSK	HZ	96	224	IAML	2221	37.95		3810	0.6								
BERA	HZ	122	267	IP	2221	23.43-	.470										1.0
BERA	HN	122	267	IS	2221	40.00-	.880										1.0
BERA	HZ	122	267	IAML	2221	48.67		1151	0.5								
PHP	HZ	128	322	IP	2221	23.93-	1.13										1.0
PHP	HN	128	322	IS	2221	41.71-	1.27										1.0
PHP	HZ	128	322	IAML A	2221	44.19		1352	1.3								
THE	HZ	134	96	IP	2221	26.780.	.730										1.0
THE	HN	134	96	IS	2221	44.07-	.700										1.0
THE	HZ	134	96	IAML	2221	51.88		191	1.0								
TIR	HZ	143	297	EP	2221	27.700.	.270										1.0
TIR	HN	143	297	ES	2221	47.20-	.070										1.0
TIR	HZ	143	297	IAML A	2221	54.99		512	0.7								
THL	HZ	145	158	EP	2221	27.830.	.060										1.0
THL	HN	145	158	ES	2221	46.78-	1.10										1.0
BPA2	HZ	149	269	EP	2221	28.630.	.120										1.0
BPA2	HN	149	269	ES	2221	49.620.	.390										1.0
SRN	HZ	154	230	EP	2221	29.670.	.360										1.0
SRN	HN	154	230	ES	2221	51.000.	.320										1.0
SRN	HZ	154	230	IAML A	2221	53.59		559	1.3								
VLO	HZ	163	259	EP	2221	31.560.	.670										0.9
VLO	HN	163	259	ES	2221	54.71	1.18										0.9
VLO	HZ	163	259	IAML A	2221	59.17		1293	0.5								
IGT	HZ	165	213	EP	2221	31.490.	.400										0.9
IGT	HN	165	213	ES	2221	54.830.	.940										0.9
IGT	HZ	165	213	IAML A	2221	56.31		695	0.7								
KEK	HZ	179	229	EP	2221	33.920.	.750										0.9
KEK	HN	179	229	ES	2221	56.63-	1.04										0.9
KEK	HZ	179	229	IAML A	2222	9.88		946	0.6								
PUK	HZ	188	319	IP	2221	33.91-	.470										0.9
PUK	HN	188	319	IS	2221	59.34-	.510										0.9
PUK	HZ	188	319	IAML A	2222	6.26		339	0.5								
BCI	HZ	208	329	IP	2221	37.500.	.610										0.9
BCI	HN	208	329	ES	2222	5.91	1.51										0.9
BCI	HZ	208	329	IAML	2222	22.19		642	0.7								
SDA	HZ	212	313	IP	2221	37.930.	.620										0.9
SDA	HN	212	313	IS	2222	6.070.	.910										0.9
SDA	HZ	212	313	IAML A	2222	19.33		327	1.3								
PDG	HZ	255	317	IP	2221	43.570.	.700										0.9
PDG	HN	255	317	IS	2222	14.40-	.820										0.9
PDG	HZ	255	317	IAML A	2222	21.53		201	0.5								

January 9 2022 Hour: 22:28 39.1 Lat: 40.83N Lon: 21.42E D: 11.9 Ag: TIR Local  
Magnitudes: 3.8ML TIR 4.0MW TIR Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	56	214	EP		2228	49.370.	.290							1.0
NEST	HN	56	214	ES		2228	57.280.	.080							1.0
NEST	HZ	56	214	IAML		2228	59.92		7259	0.5					
KBN	HZ	58	247	EP		2228	49.28-	.170							1.0
KBN	HN	58	247	ES		2228	57.08-	.780							1.0
KBN	HZ	58	247	IAML		2228	59.21		1772	0.4					
LSK	HZ	102	223	EP		2228	56.980.	.090							1.0
LSK	HE	102	223	ES		2229	10.80-	.530							1.0
LSK	HZ	102	223	IAML		2229	21.92		1295	0.6					
BERA	HZ	125	264	EP		2229	0.42-	.120							1.0
BERA	HN	125	264	ES		2229	18.930.	.990							1.0
BERA	HZ	125	264	IAML		2229	22.73		536	0.4					
PHP	HZ	125	320	EP		2228	59.06-	1.64							1.0
PHP	HN	125	320	ES		2229	18.770.	.540							1.0
PHP	HZ	125	320	IAML		2229	22.95		678	0.7					
THE	HZ	133	99	EP		2229	2.010.	.140							1.0

THE	HN	133	99	ES		2229	21.070.720									1.0
THE	HZ	133	99	IAML	A	2229	22.74	266	0.8							
TIR	HZ	143	294	EP		2229	3.32-.200									1.0
TIR	HN	143	294	ES		2229	23.490.140									1.0
TIR	HZ	143	294	IAML		2229	31.17	476	0.8							
THL	HZ	149	160	EP		2229	4.28-.370									1.0
THL	HE	149	160	ES		2229	23.88-1.50									1.0
BPA2	HZ	152	266	EP		2229	5.570.460									1.0
SRN	HZ	160	229	EP		2229	7.200.800									0.9
SRN	HN	160	229	ES		2229	28.40-.160									0.9
SRN	HZ	160	229	IAML	A	2229	36.69	585	0.8							
VLO	HZ	167	257	EP		2229	9.42 1.78									0.9
VLO	HN	167	257	ES		2229	29.92-.880									0.9
VLO	HZ	167	257	IAML	A	2229	40.47	695	0.5							
IGT	HZ	171	213	EP		2229	9.37 1.23									0.9
IGT	HE	171	213	ES		2229	31.930.230									0.9
IGT	HZ	171	213	IAML	A	2229	36.04	568	0.8							
KEK	HZ	185	229	EP		2229	10.870.920									0.9
KEK	HE	185	229	ES		2229	34.57-.410									0.9
KEK	HZ	185	229	IAML		2229	41.44	701	0.8							
PUK	HZ	185	317	EP		2229	9.47-.600									0.9
PUK	HN	185	317	ES		2229	33.79-1.41									0.9
PUK	HZ	185	317	IAML	A	2229	38.27	309	0.7							
BCI	HZ	205	327	EP		2229	11.73-.740									0.9
BCI	HN	205	327	ES		2229	38.94-.590									0.9
BCI	HZ	205	327	IAML	A	2229	51.70	620	0.8							
SDA	HZ	210	311	EP		2229	13.460.370									0.9
SDA	HN	210	311	ES		2229	42.37 1.70									0.9
SDA	HZ	210	311	IAML	A	2229	56.20	309	1.3							
PDG	HZ	253	315	EP		2229	18.760.170									0.9
PDG	HN	253	315	ES		2229	50.19-.430									0.9
PDG	HZ	253	315	IAML	A	2230	5.13	191	0.8							

**January 9 2022 Hour: 22:37 43.6 Lat: 40.84N Lon: 21.44E D: 7.5 Ag: TIR Local**  
**Magnitudes: 2.9ML TIR Rms: 0.7 secs**  
**44 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	58	215	EP		2237	54.000.020								1.0
NEST	HN	58	215	ES		2238	2.07-.310								1.0
NEST	HZ	58	215	IAML		2238	4.45	518	0.6						
KBN	HZ	60	247	EP		2237	54.27-.120								1.0
KBN	HN	60	247	ES		2238	2.88-.240								1.0
KBN	HZ	60	247	IAML		2238	3.87	188	0.4						
LSK	HZ	104	223	EP		2238	1.67-.330								1.0
LSK	HN	104	223	ES		2238	15.92-.990								1.0
LSK	HZ	104	223	IAML		2238	20.21	172	0.8						
PHP	HZ	125	319	EP		2238	4.70-.790								1.0
PHP	HN	125	319	ES		2238	23.490.270								1.0
PHP	HZ	125	319	IAML		2238	27.76	111	0.9						
BERA	HZ	126	264	EP		2238	5.49-.120								1.0
BERA	HN	126	264	ES		2238	24.52 1.09								1.0
BERA	HZ	126	264	IAML		2238	36.53	68	0.6						
THE	HZ	131	100	EP		2238	6.23-.180								1.0
THE	HN	131	100	ES		2238	25.490.600								1.0
THE	HZ	131	100	IAML		2238	26.80	99	0.7						
TIR	HZ	143	294	EP		2238	9.70 1.24								1.0
TIR	HE	143	294	ES		2238	27.56-1.04								1.0
TIR	HZ	143	294	IAML		2238	41.37	52	0.7						
THL	HZ	150	161	EP		2238	8.98-.550								1.0
THL	HN	150	161	ES		2238	29.70-.830								1.0
BPA2	HZ	154	266	EP		2238	10.570.390								1.0
SRN	HZ	162	229	EP		2238	12.410.880								0.9
SRN	HN	162	229	ES		2238	33.42-.720								0.9
SRN	HZ	162	229	IAML		2238	41.38	60	0.7						

VLO	HZ	169	257	EP	2238	13.000.260									0.9
VLO	HN	169	257	ES	2238	36.350.010									0.9
VLO	HZ	169	257	IAML	2238	41.99		90	0.5						
IGT	HZ	173	213	EP	2238	14.55 1.17									0.9
IGT	HN	173	213	ES	2238	38.350.860									0.9
IGT	HZ	173	213	IAML	2238	41.12		66	1.0						
PUK	HZ	186	317	EP	2238	14.63-.550									0.9
PUK	HE	186	317	ES	2238	39.60-1.16									0.9
PUK	HZ	186	317	IAML	2238	42.96		36	0.8						
KEK	HZ	187	229	EP	2238	15.930.620									0.9
KEK	HE	187	229	ES	2238	41.330.340									0.9
KEK	HZ	187	229	IAML	2238	51.63		66	0.7						
BCI	HZ	204	327	EP	2238	16.62-.910									0.9
BCI	HN	204	327	ES	2238	45.320.310									0.9
BCI	HZ	204	327	IAML	2238	55.95		85	0.6						
SDA	HZ	210	310	EP	2238	17.97-.260									0.9
SDA	HN	210	310	ES	2238	46.310.020									0.9
SDA	HZ	210	310	IAML	2238	58.68		60	0.7						
PDG	HZ	253	315	EP	2238	24.670.960									0.9
PDG	HN	253	315	ES	2238	56.610.410									0.9
PDG	HZ	253	315	IAML	2239	9.95		27	0.7						

**January 9 2022 Hour: 22:51 3.2 Lat: 40.79N Lon: 21.38E D: 8.1 Ag: TIR Local**  
**Magnitudes: 2.9ML TIR 3.2MW TIR Rms: 0.8 secs**  
**37 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	50	214	EP		2251	12.720.460								1.0
NEST	HN	50	214	ES		2251	19.37-.240								1.0
NEST	HZ	50	214	IAML		2251	20.98		1115	0.4					
KBN	HZ	53	250	EP		2251	13.270.450								1.0
KBN	HN	53	250	ES		2251	20.19-.430								1.0
KBN	HZ	53	250	IAML		2251	22.79		187	0.8					
LSK	HZ	97	223	EP		2251	19.85-.450								1.0
LSK	HN	97	223	ES		2251	33.17-.980								1.0
LSK	HZ	97	223	IAML		2251	39.70		127	0.8					
BERA	HZ	121	266	EP		2251	23.26-1.01								1.0
BERA	HN	121	266	ES		2251	41.930.590								1.0
BERA	HZ	121	266	IAML		2251	45.87		64						
PHP	HZ	127	322	EP		2251	24.54-.730								1.0
PHP	HN	127	322	ES		2251	42.90-.260								1.0
PHP	HZ	127	322	IAML		2251	44.17		94	0.8					
THE	HZ	135	97	EP		2251	26.750.130								1.0
TIR	HZ	142	297	EP		2251	27.40-.290								1.0
THL	HZ	146	158	EP		2251	28.09-.370								1.0
BPA2	HZ	149	268	EP		2251	29.700.830								1.0
SRN	HZ	154	230	EP		2251	30.470.640								1.0
SRN	HE	154	230	ES		2251	51.520.110								1.0
SRN	HZ	154	230	IAML		2251	55.72		27	0.4					
VLO	HZ	163	258	EP		2251	33.05 1.76								0.9
IGT	HZ	165	213	EP		2251	30.52-1.15								0.9
IGT	HZ	165	213	IAML		2251	56.17		69	0.7					
KEK	HZ	180	229	EP		2251	35.56 1.70								0.9
PUK	HZ	187	319	EP		2251	34.75-.080								0.9
PUK	HZ	187	319	IAML		2252	15.22		47	0.6					
BCI	HZ	207	328	EP		2251	38.040.700								0.9
BCI	HZ	207	328	IAML		2252	50.79		120	0.6					
SDA	HZ	210	312	EP		2251	36.92-.850								0.9
SDA	HN	210	312	ES		2252	5.45-.330								0.9
SDA	HZ	210	312	IAML		2252	19.81		23	0.4					
PDG	HZ	254	317	EP		2251	43.350.030								0.9
PDG	HZ	254	317	IAML	A	2252	26.45		47	0.5					

January 9 2022 Hour: 23:13 57.7 Lat: 40.84N Lon: 21.38E D: 10.0F Ag: TIR Local  
 Magnitudes: 2.0ML TIR 2.6MW TIR Rms: 0.8 secs  
 42 km E of Pustec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	55	211	EP		2314	7.54	-.170							1.0
NEST	HN	55	211	ES		2314	15.62	-.200							1.0
NEST	HZ	55	211	IAML		2314	22.02			176	0.4				
KBN	HZ	56	244	EP		2314	8.22	0.430							1.0
KBN	HN	56	244	ES		2314	14.99	-.970							1.0
KBN	HZ	56	244	IAML		2314	23.01			46	0.3				
LSK	HZ	101	221	EP		2314	15.52	0.080							1.0
LSK	HN	101	221	ES		2314	30.17	0.380							1.0
LSK	HZ	101	221	IAML		2314	37.48			30	0.4				
BERA	HZ	122	263	EP		2314	18.94	0.160							1.0
BERA	HZ	122	263	IAML		2314	44.76			15	0.5				
PHP	HZ	122	320	EP		2314	17.60	-1.32							1.0
PHP	HZ	122	320	IAML		2314	44.09			14	0.3				
THE	HZ	136	99	EP		2314	20.64	-.490							1.0
TIR	HZ	139	294	EP		2314	22.30	0.610							1.0
TIR	HZ	139	294	IAML		2314	50.55			7	1.1				
THL	HZ	152	159	EP		2314	22.03	-1.73							1.0
THL	HN	152	159	ES		2314	46.36	1.50							1.0
SRN	HZ	158	228	EP		2314	24.02	-.870							0.9
IGT	HZ	170	212	EP		2314	27.75	0.840							0.9
IGT	HZ	170	212	IAML		2314	57.24			10	1.0				
PUK	HZ	182	318	EP		2314	29.02	0.460							0.9
PUK	HN	182	318	ES		2314	54.21	0.660							0.9
PUK	HZ	182	318	IAML	A	2315	6.15			5	0.7				
SDA	HZ	207	311	EP		2314	32.49	0.920							0.9
SDA	HZ	207	311	IAML		2315	6.58			7	0.7				
PDG	HZ	250	316	IP	4A	2314	37.49	0.410							0.0

January 9 2022 Hour: 23:32 55.0 Lat: 40.81N Lon: 21.38E D: 11.1 Ag: TIR Local  
 Magnitudes: 2.1ML TIR 3.1MW TIR Rms: 0.8 secs  
 38 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	52	213	EP		2333	5.08	0.610							1.0
NEST	HN	52	213	ES		2333	12.32	0.200							1.0
NEST	HZ	52	213	IAML		2333	14.80			179	0.4				
KBN	HZ	54	248	EP		2333	4.99	0.180							1.0
KBN	HE	54	248	ES		2333	11.59	-1.16							1.0
KBN	HZ	54	248	IAML		2333	13.93			62	0.2				
LSK	HZ	99	222	EP		2333	12.08	-.170							1.0
LSK	HN	99	222	ES		2333	25.36	-.850							1.0
LSK	HZ	99	222	IAML		2333	36.76			44	0.6				
BERA	HZ	121	265	EP		2333	17.68	1.71							1.0
BERA	HE	121	265	ES		2333	32.99	0.040							1.0
BERA	HZ	121	265	IAML		2333	37.86			9	0.4				
PHP	HZ	125	321	EP		2333	15.97	-.660							1.0
PHP	HN	125	321	ES		2333	32.99	-1.14							1.0
PHP	HZ	125	321	IAML		2333	35.58			16	0.9				
THL	HZ	148	158	EP		2333	20.54	0.090							1.0
THL	HN	148	158	ES		2333	40.17	-.880							1.0
SRN	HZ	156	229	EP		2333	22.41	0.650							1.0
SRN	HN	156	229	ES		2333	43.06	-.360							1.0
SRN	HZ	156	229	IAML		2333	45.22			9	0.7				
IGT	HZ	168	213	EP		2333	23.92	0.250							0.9
IGT	HN	168	213	ES		2333	47.57	0.700							0.9
IGT	HZ	168	213	IAML		2333	49.88			12	1.8				
PUK	HZ	185	318	EP		2333	24.65	-1.42							0.9
PUK	HN	185	318	ES		2333	51.55	0.320							0.9
PUK	HZ	185	318	IAML		2333	56.19			6	0.3				
SDA	HZ	209	312	EP		2333	30.08	1.03							0.9



SDA HN 209 312 ES 2333 57.74 1.13 0.9  
SDA HZ 209 312 IAML 2334 4.64 7 0.8

**January 9 2022 Hour: 23:38 24.8 Lat: 40.82N Lon: 21.44E D: 1.0 Ag: TIR Local**  
**Magnitudes: 4.0ML TIR 4.2MW TIR Rms: 0.8 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	56	217	EP		2338	35.460	.770							1.0
NEST	HN	56	217	ES		2338	43.300	.570							1.0
NEST	HZ	56	217	IAML		2338	44.21		7298	0.3					
KBN	HZ	59	249	EP		2338	35.680	.340							1.0
KBN	HN	59	249	ES		2338	42.85	-1.05							1.0
KBN	HZ	59	249	IAML		2338	45.33		5533	0.5					
LSK	HZ	103	224	EP		2338	42.78	-.350							1.0
LSK	HZ	103	224	IP	A	2338	43.550	.420							1.0
LSK	HN	103	224	ES		2338	57.76	-.240							1.0
LSK	HZ	103	224	IAML	A	2339	2.30		1804	0.6					
BERA	HZ	127	265	EP		2338	46.89	-.320							1.0
BERA	HN	127	265	ES		2339	4.86	-.530							1.0
BERA	HZ	127	265	IAML	A	2339	13.82		1297	0.5					
PHP	HZ	128	319	EP		2338	46.67	-.780							1.0
PHP	HN	128	319	ES		2339	5.79	-.040							1.0
PHP	HZ	128	319	IAML	A	2339	6.96		1059	1.0					
THE	HZ	130	99	EP		2338	48.780	.940							1.0
THE	HN	130	99	ES		2339	5.96	-.580							1.0
THE	HZ	130	99	IAML	A	2339	9.81		656	0.8					
TIR	HZ	145	295	EP		2338	50.470	.190							1.0
TIR	HE	145	295	ES		2339	11.250	.290							1.0
TIR	HZ	145	295	IAML	A	2339	16.18		604	1.5					
THL	HZ	147	160	IP		2338	50.41	-.250							1.0
THL	HN	147	160	IS		2339	10.26	-1.38							1.0
BPA2	HZ	154	267	EP		2338	51.850	.050							1.0
BPA2	HN	154	267	ES		2339	13.950	.260							1.0
SRN	HZ	161	230	EP		2338	53.530	.660							0.9
SRN	HN	161	230	ES		2339	14.24	-1.39							0.9
SRN	HZ	161	230	IAML	A	2339	20.57		706	0.6					
VLO	HZ	169	257	EP		2338	55.34	1.06							0.9
VLO	HN	169	257	ES		2339	17.14	-1.05							0.9
VLO	HZ	169	257	IAML	A	2339	20.04		1445	0.7					
IGT	HZ	171	214	IP		2338	55.080	.460							0.9
IGT	HN	171	214	IS		2339	18.820	.020							0.9
IGT	HZ	171	214	IAML	A	2339	21.00		845	0.7					
KEK	HZ	186	229	IP		2338	58.29	1.20							0.9
KEK	HN	186	229	ES		2339	24.98	1.71							0.9
KEK	HZ	186	229	IAML	A	2339	25.84		794	0.9					
PUK	HZ	188	317	EP		2338	56.58	-.860							0.9
PUK	HZ	188	317	IP	A	2338	57.500	.060							0.9
PUK	HN	188	317	ES		2339	22.78	-1.12							0.9
PUK	HZ	188	317	IAML	A	2339	25.53		420	0.6					
BCI	HZ	207	327	EP		2338	59.00	-.810							0.9
BCI	HN	207	327	ES		2339	28.240	.040							0.9
BCI	HZ	207	327	IAML	A	2339	38.42		1246	0.6					
SDA	HZ	212	311	EP		2339	0.33	-.130							0.9
SDA	HN	212	311	ES		2339	29.870	.490							0.9
SDA	HZ	212	311	IAML	A	2339	37.93		446	1.5					
PDG	HZ	255	315	EP		2339	6.530	.570							0.9
PDG	HE	255	315	ES		2339	40.48	1.15							0.9
PDG	HZ	255	315	IAML	A	2339	48.03		312	0.9					

January 10 2022 Hour: 0: 8 11.4 Lat: 40.83N Lon: 21.42E D: 11.6 Ag: TIR Local  
 Magnitudes: 2.9ML TIR 3.5MW TIR Rms: 0.7 secs  
 43 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	56	214	EP		0 8	21.37	-.220							1.0
NEST	HN	56	214	ES		0 8	29.68	-.140							1.0
NEST	HZ	56	214	IAML		0 8	33.40			487	0.6				
KBN	HZ	59	247	EP		0 8	21.58	-.380							1.0
KBN	HE	59	247	ES		0 8	28.96	-1.54							1.0
KBN	HZ	59	247	IAML		0 8	31.68			310	0.9				
LSK	HZ	103	223	EP		0 8	29.14	-.260							1.0
LSK	HE	103	223	ES		0 8	43.85	-.120							1.0
LSK	HZ	103	223	IAML		0 8	55.30			170	0.9				
BERA	HZ	125	264	EP		0 8	33.19	0.150							1.0
BERA	HN	125	264	ES		0 8	51.64	1.09							1.0
BERA	HZ	125	264	IAML	A	0 8	59.19			73	0.7				
PHP	HZ	125	319	EP		0 8	32.17	-.910							1.0
PHP	HN	125	319	ES		0 8	50.47	-.150							1.0
PHP	HZ	125	319	IAML	A	0 8	52.03			127	0.6				
THE	HZ	132	99	EP		0 8	34.17	0.040							1.0
THE	HN	132	99	ES		0 8	52.99	0.460							1.0
THE	HZ	132	99	IAML	A	0 8	54.83			52	0.4				
TIR	HZ	143	294	EP		0 8	36.19	0.220							1.0
TIR	HE	143	294	ES		0 8	55.97	0.120							1.0
TIR	HZ	143	294	IAML	A	0 9	8.70			50	0.7				
THL	HZ	150	160	EP		0 8	36.93	-.130							1.0
THL	HE	150	160	ES		0 8	57.46	-.370							1.0
BPA2	HZ	153	266	IP		0 8	37.20	-.410							1.0
SRN	HZ	161	229	EP		0 8	39.27	0.350							0.9
SRN	HN	161	229	ES		0 9	0.62	-.580							0.9
SRN	HZ	161	229	IAML	A	0 9	7.38			48	0.6				
VLO	HZ	168	257	EP		0 8	41.75	1.60							0.9
VLO	HN	168	257	ES		0 9	5.62	2.19							0.9
VLO	HZ	168	257	IAML		0 9	7.54			78	0.4				
IGT	HZ	172	213	EP		0 8	40.85	0.190							0.9
IGT	HN	172	213	ES		0 9	3.92	-.420							0.9
IGT	HZ	172	213	IAML	A	0 9	8.17			66	0.8				
PUK	HZ	186	317	EP		0 8	42.62	0.130							0.9
PUK	HE	186	317	ES		0 9	6.90	-.750							0.9
PUK	HZ	186	317	IAML	A	0 9	9.93			40	0.6				
KEK	HZ	186	229	EP		0 8	42.73	0.260							0.9
BCI	HZ	204	327	EP		0 8	44.61	-.250							0.9
BCI	HN	204	327	ES		0 9	10.77	-1.18							0.9
BCI	HZ	204	327	IAML	A	0 9	23.66			83	1.7				
SDA	HZ	210	311	EP		0 8	46.25	0.730							0.9
SDA	HN	210	311	ES		0 9	12.92	-.230							0.9
SDA	HZ	210	311	IAML	A	0 9	21.27			30	2.2				
PDG	HZ	253	315	EP		0 8	51.88	0.870							0.9
PDG	HZ	253	315	IAML	A	0 9	37.53			33	0.7				

January 10 2022 Hour: 0:28 10.9 Lat: 40.88N Lon: 21.42E D: 7.0 Ag: TIR Local  
 Magnitudes: 2.1ML TIR 2.4MW TIR Rms: 0.7 secs  
 44 km E of Pustec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	61	242	EP		028	22.10	0.220							1.0
KBN	HN	61	242	ES		028	30.70	-.060							1.0
KBN	HZ	61	242	IAML	A	028	33.70			24	0.2				
NEST	HZ	61	211	EP		028	22.02	0.110							1.0
NEST	HN	61	211	ES		028	30.44	-.360							1.0
NEST	HZ	61	211	IAML		028	31.83			137	0.4				
LSK	HZ	107	221	EP		028	29.26	-.570							1.0
LSK	HN	107	221	ES		028	44.19	-.960							1.0
LSK	HZ	107	221	IAML		028	47.40			19	0.5				

PHP	HZ	121	318	EP	028	31.54-.550									1.0
PHP	HN	121	318	ES	028	49.260.030									1.0
PHP	HZ	121	318	IAML	028	51.61		23	1.7						
BERA	HZ	126	261	EP	028	33.250.390									1.0
BERA	HN	126	261	ES	028	50.970.340									1.0
BERA	HZ	126	261	IAML	029	0.18		10	1.2						
THE	HZ	133	102	EP	028	34.470.350									1.0
THE	HE	133	102	ES	028	52.89-.020									1.0
THE	HZ	133	102	IAML	028	55.27		9	0.7						
THL	HZ	155	161	EP	028	36.03-1.70									1.0
THL	HN	155	161	ES	028	59.670.220									1.0
SRN	HZ	164	228	EP	028	40.170.900									0.9
SRN	HN	164	228	ES	029	2.11-.120									0.9
SRN	HZ	164	228	IAML	029	8.82		7	0.8						
IGT	HZ	176	212	EP	028	42.67 1.36									0.9
IGT	HN	176	212	ES	029	6.150.230									0.9
IGT	HZ	176	212	IAML	029	12.99		9	0.6						
PUK	HZ	181	316	EP	028	41.17-.830									0.9
PUK	HE	181	316	ES	029	6.08-1.08									0.9
PUK	HZ	181	316	IAML A	029	14.86		7	0.6						
KEK	HZ	190	227	EP	028	44.05 1.06									0.9
BCI	HZ	200	326	IAML	029	20.56		13	1.2						
SDA	HZ	206	310	EP	028	46.52 1.44									0.9
SDA	HN	206	310	ES	029	12.68-.070									0.9
SDA	HZ	206	310	IAML	029	19.47		6	0.5						

**January 10 2022 Hour: 0:41 32.8 Lat: 40.78N Lon: 21.38E D: 14.1 Ag: TIR Local**  
**Magnitudes: 2.5ML TIR 3.0MW TIR Rms: 0.9 secs**  
**37 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	50	215	EP		041	41.78-.100								1.0
NEST	HE	50	215	ES		041	49.02-.230								1.0
NEST	HZ	50	215	IAML		041	49.39			670	0.2				
KBN	HZ	53	251	EP		041	42.530.060								1.0
KBN	HN	53	251	ES		041	49.75-.560								1.0
KBN	HZ	53	251	IAML		041	51.27			97	0.3				
LSK	HZ	97	224	EP		041	48.90-.790								1.0
LSK	HN	97	224	ES		042	2.73-.650								1.0
LSK	HZ	97	224	IAML		042	8.29			66	0.8				
BERA	HZ	121	266	EP		041	54.370.630								1.0
BERA	HN	121	266	ES		042	10.68-.040								1.0
BERA	HZ	121	266	IAML		042	25.03			35	0.4				
PHP	HZ	128	322	EP		041	53.75-1.05								1.0
PHP	HN	128	322	ES		042	11.68-.960								1.0
PHP	HZ	128	322	IAML		042	18.50			41	0.2				
THE	HZ	135	97	EP		041	56.200.240								1.0
THE	HE	135	97	ES		042	15.84 1.11								1.0
THE	HZ	135	97	IAML		042	20.10			20	0.3				
TIR	HZ	142	297	EP		041	58.030.820								1.0
TIR	HN	142	297	ES		042	18.24 1.25								1.0
TIR	HZ	142	297	IAML		042	22.51			16	0.7				
THL	HZ	146	158	EP		041	56.95-.810								1.0
THL	HN	146	158	ES		042	16.78-1.21								1.0
BPA2	HZ	149	268	EP		041	58.680.330								1.0
SRN	HZ	154	230	EP		041	59.400.170								1.0
SRN	HN	154	230	ES		042	20.830.180								1.0
SRN	HZ	154	230	IAML		042	22.04			25	0.5				
VLO	HZ	163	258	EP		042	3.16 2.50								0.9
VLO	HN	163	258	ES		042	24.040.810								0.9
VLO	HZ	163	258	IAML		042	29.54			46	0.4				
IGT	HZ	165	213	EP		042	1.240.340								0.9
IGT	HN	165	213	ES		042	23.54-.140								0.9
IGT	HZ	165	213	IAML		042	26.35			16	0.5				
KEK	HZ	180	229	EP		042	3.620.860								0.9

KEK	HN	180	229	ES		042	27.070.030										0.9
KEK	HZ	180	229	IAML	A	042	35.49		47	0.7							
PUK	HZ	187	319	IP		042	3.57-.250										0.9
PUK	HN	187	319	IS		042	27.68-1.29										0.9
PUK	HZ	187	319	IAML	A	042	35.87		21	0.7							
BCI	HZ	207	328	EP		042	6.13-.200										0.9
BCI	HE	207	328	ES		042	32.95-.560										0.9
BCI	HZ	207	328	IAML		043	3.52		44	0.6							
SDA	HZ	211	312	EP		042	6.49-.280										0.9
SDA	HE	211	312	ES		042	31.73-2.56										0.5
SDA	HZ	211	312	IAML		042	34.70		11	0.9							
PDG	HZ	254	317	EP		042	12.910.590										0.9
PDG	HZ	254	317	IAML		042	41.66		15	0.6							

**January 10 2022 Hour: 1:18.8 Lat: 40.84N Lon: 21.42E D: 8.4 Ag: TIR Local**  
**Magnitudes: 2.9ML TIR 3.5MW TIR Rms: 0.7 secs**  
**43 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	57	214	EP		1	1	29.270.100							1.0
NEST	HN	57	214	ES		1	1	37.52-.020							1.0
NEST	HZ	57	214	IAML	A	1	1	39.02		478	0.3				
KBN	HZ	59	246	EP		1	1	29.43-.060							1.0
KBN	HN	59	246	ES		1	1	37.49-.630							1.0
KBN	HZ	59	246	IAML		1	1	39.51		324	0.8				
LSK	HZ	104	223	EP		1	1	36.60-.490							1.0
LSK	HN	104	223	ES		1	1	50.66-1.22							1.0
LSK	HZ	104	223	IAML	A	1	2	3.18		159	0.9				
BERA	HE	125	263	ES		1	1	59.28 1.03							1.0
PHP	HZ	125	319	EP		1	1	39.80-.720							1.0
PHP	HN	125	319	ES		1	1	57.32-.760							1.0
PHP	HZ	125	319	IAML	A	1	1	59.78		129	0.5				
BERA	HZ	125	263	EP		1	1	40.20-.410							1.0
BERA	HZ	125	263	IAML	A	1	2	2.52		71	0.9				
THE	HZ	132	100	EP		1	1	42.090.330							1.0
THE	HN	132	100	ES		1	2	0.540.210							1.0
THE	HZ	132	100	IAML	A	1	2	2.53		37	0.5				
TIR	HZ	142	294	EP		1	1	42.89-.570							1.0
TIR	HN	142	294	ES		1	2	3.550.150							1.0
TIR	HZ	142	294	IAML		1	2	16.31		45	0.6				
THL	HZ	151	160	EP		1	1	44.930.130							1.0
THL	HN	151	160	ES		1	2	4.61-1.23							1.0
BPA2	HZ	153	266	EP		1	1	45.540.360							1.0
SRN	HZ	161	229	EP		1	1	47.200.600							0.9
SRN	HN	161	229	ES		1	2	8.70-.380							0.9
SRN	HZ	161	229	IAML	A	1	2	11.47		39	0.4				
VLO	HZ	168	256	EP		1	1	48.87 1.12							0.9
VLO	HE	168	256	ES		1	2	11.500.330							0.9
VLO	HZ	168	256	IAML	A	1	2	15.41		88	0.4				
IGT	HZ	173	213	EP		1	1	49.440.950							0.9
IGT	HN	173	213	ES		1	2	13.260.750							0.9
IGT	HZ	173	213	IAML	A	1	2	15.03		56	0.6				
PUK	HZ	185	317	EP		1	1	49.86-.320							0.9
PUK	HE	185	317	ES		1	2	14.28-1.30							0.9
PUK	HE	185	317	E		1	2	14.28							
PUK	HZ	185	317	IAML	A	1	2	17.66		43	0.6				
KEK	HZ	187	228	EP		1	1	50.720.370							0.9
KEK	HZ	187	228	IAML	A	1	2	25.53		57	0.5				
BCI	HZ	204	327	EP		1	1	52.01-.530							0.9
BCI	HN	204	327	ES		1	2	19.950.100							0.9
BCI	HZ	204	327	IAML	A	1	2	31.85		79	0.8				
SDA	HZ	209	310	EP		1	1	54.36 1.13							0.9
SDA	HN	209	310	ES		1	2	21.670.580							0.9
SDA	HZ	209	310	IAML	A	1	2	29.01		32	2.3				
PDG	HZ	252	315	EP		1	1	59.71 1.00							0.9

PDG HZ 252 315 IAML A 1 2 45.29 32 0.7

**January 10 2022 Hour: 1:7 34.0 Lat: 40.84N Lon: 21.37E D: 10.6 Ag: TIR Local**  
**Magnitudes: 2.6ML TIR 3.2MW TIR Rms: 0.7 secs**

**39 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	55	210	EP		1 7	44.420	.520							1.0
NEST	HN	55	210	ES		1 7	51.65-	.290							1.0
NEST	HZ	55	210	IAML		1 7	52.81			380	0.5				
KBN	HZ	55	244	EP		1 7	44.170	.270							1.0
KBN	HN	55	244	ES		1 7	51.93-	.020							1.0
KBN	HZ	55	244	IAML		1 7	53.46			162	0.1				
LSK	HZ	101	221	EP		1 7	51.37-	.220							1.0
LSK	HZ	101	221	IAML		1 8	13.01			75	0.4				
BERA	HZ	121	263	EP		1 7	53.98-	.890							1.0
BERA	HE	121	263	ES		1 8	11.10-	.680							1.0
BERA	HZ	121	263	IAML		1 8	21.24			31	0.2				
PHP	HZ	122	321	EP		1 7	54.72-	.310							1.0
PHP	HN	122	321	ES		1 8	11.96-	.120							1.0
PHP	HZ	122	321	IAML		1 8	14.10			39	1.4				
THE	HZ	137	99	EP		1 7	57.34-	.170							1.0
TIR	HZ	138	294	EP		1 7	57.55-	.220							1.0
TIR	HZ	138	294	IAML	A	1 8	33.05			35	0.6				
BPA2	HZ	148	266	EP		1 8	0.270	.840							1.0
THL	HZ	152	159	EP		1 7	59.10-	.980							1.0
SRN	HZ	158	228	EP		1 8	1.01-	.030							0.9
SRN	HZ	158	228	IAML		1 8	21.01			18	0.7				
IGT	HZ	170	212	EP		1 8	4.50	1.41							0.9
IGT	HZ	170	212	IAML		1 8	50.90			26	0.7				
PUK	HZ	182	318	EP		1 8	3.54-	1.12							0.9
KEK	HZ	183	227	EP		1 8	4.820	.030							0.9
KEK	HZ	183	227	IAML		1 8	49.48			43	0.6				
BCI	HZ	201	328	EP		1 8	6.87-	.230							0.9
BCI	HZ	201	328	IAML		1 8	37.59			28	0.7				
SDA	HZ	206	311	EP		1 8	8.88	1.22							0.9
PDG	HZ	249	316	EP		1 8	14.56	1.39							0.9
PDG	HZ	249	316	IAML	A	1 9	0.16			20	0.5				

**January 10 2022 Hour: 1:23 27.8 Lat: 40.85N Lon: 21.43E D: 5.1 Ag: TIR Local**  
**Magnitudes: 3.0ML TIR 3.6MW TIR Rms: 0.8 secs**

**44 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	58	214	EP		123	38.610	.400							1.0
NEST	HN	58	214	ES		123	46.50-	.170							1.0
NEST	HZ	58	214	IAML	A	123	48.87			1403	0.4				
KBN	HZ	60	245	EP		123	38.870	.350							1.0
KBN	HN	60	245	ES		123	46.76-	.480							1.0
KBN	HZ	60	245	IAML	A	123	49.66			419	0.6				
LSK	HZ	105	223	EP		123	46.28-	.130							1.0
LSK	HN	105	223	ES		124	0.26-	1.26							1.0
LSK	HZ	105	223	IAML	A	124	5.30			587	0.7				
PHP	HZ	124	318	EP		123	48.54-	1.10							1.0
PHP	HN	124	318	ES		124	7.650	.300							1.0
PHP	HZ	124	318	IAML	A	124	12.30			103	0.8				
BERA	HZ	126	263	EP		123	49.47-	.420							1.0
BERA	HN	126	263	ES		124	9.02	1.20							1.0
BERA	HZ	126	263	IAML	A	124	16.37			139	0.8				
THE	HZ	132	100	EP		123	51.600	.800							1.0
THE	HN	132	100	ES		124	9.960	.490							1.0
THE	HZ	132	100	IAML	A	124	11.39			97	0.7				
TIR	HZ	143	293	EP		123	51.85-	.810							1.0
TIR	HE	143	293	ES		124	13.140	.320							1.0
TIR	HZ	143	293	IAML	A	124	26.20			65	0.7				
THL	HZ	151	161	EP		123	53.89-	.140							1.0

THL	HN	151	161	ES	124	14.09-1.21								1.0
BPA2	HZ	154	266	EP	123	53.63-.820								1.0
SRN	HZ	162	229	EP	123	56.900.980								0.9
SRN	HN	162	229	ES	124	18.39-.330								0.9
SRN	HZ	162	229	IAML A	124	28.28	136	0.7						
VLO	HZ	169	256	EP	123	58.21 1.17								0.9
VLO	HN	169	256	ES	124	21.400.640								0.9
VLO	HZ	169	256	IAML A	124	31.67	178	0.5						
IGT	HZ	174	213	EP	123	58.470.660								0.9
IGT	HN	174	213	ES	124	21.86-.290								0.9
IGT	HZ	174	213	IAML A	124	30.64	105	0.9						
PUK	HZ	185	316	EP	123	58.42-1.09								0.9
PUK	HN	185	316	ES	124	23.32-1.92								0.9
PUK	HZ	185	316	IAML A	124	30.74	34	0.6						
KEK	HZ	188	228	EP	124	0.97 1.14								0.9
KEK	HE	188	228	ES	124	26.450.650								0.9
KEK	HZ	188	228	IAML A	124	34.11	138	0.7						
BCI	HZ	203	326	EP	124	1.43-.420								0.9
BCI	HZ	203	326	IAML A	124	37.29	85	0.9						
SDA	HZ	209	310	EP	124	2.670.100								0.9
SDA	HN	209	310	ES	124	31.430.660								0.9
SDA	HZ	209	310	IAML	124	44.68	54	1.1						
PDG	HZ	252	315	EP	124	8.270.230								0.9
PDG	HN	252	315	ES	124	41.490.820								0.9
PDG	HZ	252	315	IAML A	124	53.65	37	2.0						

**January 10 2022 Hour: 1:32 5.1 Lat: 40.86N Lon: 21.45E D: 5.1 Ag: TIR Local**  
**Magnitudes: 3.2ML TIR 3.6MW TIR Rms: 0.7 secs**  
**47 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	60	214	EP		132	16.170.250								1.0
NEST	HN	60	214	ES		132	24.780.080								1.0
NEST	HZ	60	214	IAML		132	27.05		1837	0.3					
KBN	HZ	62	245	EP		132	16.460.240								1.0
KBN	HE	62	245	ES		132	23.96-1.29								1.0
KBN	HZ	62	245	IAML A		132	37.49		347	0.5					
LSK	HZ	107	223	EP		132	23.84-.270								1.0
LSK	HE	107	223	ES		132	37.46-2.06								1.0
LSK	HZ	107	223	IAML		132	42.96		431	0.6					
PHP	HZ	124	317	EP		132	26.38-.580								1.0
PHP	HN	124	317	ES		132	44.12-.550								1.0
PHP	HZ	124	317	IAML		132	54.93		200	0.9					
BERA	HZ	128	262	EP		132	27.930.410								1.0
BERA	HE	128	262	ES		132	46.350.660								1.0
BERA	HZ	128	262	IAML		132	59.09		129	0.7					
THE	HZ	130	101	EP		132	27.58-.320								1.0
THE	HN	130	101	ES		132	46.37-.020								1.0
THE	HZ	130	101	IAML A		132	49.62		93	0.6					
TIR	HZ	144	292	EP		132	30.02-.110								1.0
TIR	HE	144	292	ES		132	50.470.040								1.0
TIR	HZ	144	292	IAML		132	58.78		124	0.7					
THL	HZ	152	161	EP		132	31.29-.210								1.0
THL	HN	152	161	ES		132	52.29-.610								1.0
BPA2	HZ	155	265	EP		132	33.31 1.24								1.0
SRN	HZ	165	229	EP		132	34.100.490								0.9
SRN	HN	165	229	ES		132	56.60-.120								0.9
SRN	HZ	165	229	IAML A		133	3.32		122	1.1					
VLO	HN	171	256	ES		132	58.66-.020								0.9
VLO	HZ	171	256	IAML A		133	4.64		187	0.5					
IGT	HZ	176	213	EP		132	36.78 1.28								0.9
IGT	HN	176	213	ES		133	1.30 1.17								0.9
IGT	HZ	176	213	IAML A		133	3.16		148	0.7					
PUK	HZ	185	316	EP		132	36.11-.740								0.9
PUK	HN	185	316	ES		133	2.15-.420								0.9

PUK	HZ	185	316	IAML	A	133	5.38			85	0.8				
KEK	HZ	190	228	EP		132	38.210.770								0.9
BCI	HZ	203	326	EP		132	38.90-.230								0.9
BCI	HN	203	326	ES		133	6.18-.530								0.9
BCI	HZ	203	326	IAML	A	133	18.76			144	0.7				
SDA	HZ	210	310	EP		132	40.460.530								0.9
SDA	HN	210	310	ES		133	8.06-.100								0.9
SDA	HZ	210	310	IAML	A	133	22.90			89	1.8				
PDG	HZ	252	314	EP		132	46.320.940								0.9
PDG	HN	252	314	ES		133	18.740.720								0.9
PDG	HZ	252	314	IAML	A	133	30.11			44	1.6				

**January 10 2022 Hour: 1:48 0.3 Lat: 40.86N Lon: 21.42E D: 8.5 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR 2.8MW TIR Rms: 0.7 secs**  
**44 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	59	213	EP		148	11.170.300								1.0
NEST	HN	59	213	ES		148	19.23-.220								1.0
NEST	HZ	59	213	IAML		148	21.27			212	0.6				
KBN	HZ	60	244	EP		148	11.360.300								1.0
KBN	HN	60	244	ES		148	19.33-.460								1.0
KBN	HZ	60	244	IAML		148	19.98			46	0.5				
LSK	HZ	105	222	EP		148	18.740.010								1.0
LSK	HN	105	222	ES		148	32.93-.750								1.0
LSK	HZ	105	222	IAML		148	33.31			31	0.6				
PHP	HZ	123	318	EP		148	20.71-1.01								1.0
PHP	HN	123	318	ES		148	38.68-.400								1.0
PHP	HZ	123	318	IAML		148	40.95			29	0.6				
BERA	HZ	126	263	EP		148	21.69-.380								1.0
BERA	HN	126	263	ES		148	40.96 1.24								1.0
BERA	HZ	126	263	IAML	A	148	48.61			26	0.7				
THE	HZ	133	100	EP		148	23.780.520								1.0
THL	HZ	152	160	EP		148	25.96-.560								1.0
THL	HE	152	160	ES		148	47.24-.530								1.0
SRN	HZ	162	228	EP		148	29.35 1.14								0.9
SRN	HE	162	228	ES		148	50.54-.300								0.9
SRN	HZ	162	228	IAML		149	0.46			15	0.2				
IGT	HZ	174	213	EP		148	31.55 1.39								0.9
IGT	HN	174	213	ES		148	54.20-.170								0.9
IGT	HZ	174	213	IAML		148	58.61			12	0.7				
PUK	HZ	183	316	EP		148	30.47-.970								0.9
PUK	HN	183	316	ES		148	56.940.260								0.9
PUK	HZ	183	316	IAML	A	149	4.01			8	0.6				
SDA	HZ	208	310	EP		148	35.73 1.23								0.9
SDA	HE	208	310	ES		149	1.78-.430								0.9

**January 10 2022 Hour: 2: 5 10.7 Lat: 40.79N Lon: 21.41E D: 11.1 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR 2.3MW TIR Rms: 0.7 secs**  
**39 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	52	216	EP		2 5	20.00-.040								1.0
NEST	HN	52	216	ES		2 5	27.51-.110								1.0
NEST	HZ	52	216	IAML	A	2 5	30.34			45	0.5				
KBN	HZ	55	251	EP		2 5	21.220.550								1.0
KBN	HN	55	251	ES		2 5	27.75-1.01								1.0
KBN	HZ	55	251	IAML		2 5	30.62			21	0.7				
LSK	HZ	99	224	EP		2 5	28.510.610								1.0
LSK	HN	99	224	ES		2 5	40.64-1.20								1.0
LSK	HZ	99	224	IAML		2 5	47.30			11	0.2				
BERA	HZ	123	266	EP		2 5	31.66-.290								1.0
BERA	HE	123	266	ES		2 5	49.460.290								1.0
BERA	HZ	123	266	IAML		2 5	53.08			8	0.6				
PHP	HZ	128	321	EP		2 5	32.47-.300								1.0
PHP	HN	128	321	ES		2 5	50.02-.630								1.0

PHP	HZ	128	321	IAML	2	5	55.03			9	0.9					
THL	HZ	146	159	EP	2	5	35.62-.060									1.0
THL	HN	146	159	ES	2	5	54.89-1.03									1.0
SRN	HZ	156	230	EP	2	5	39.35 1.89									1.0
SRN	HE	156	230	ES	2	5	59.530.380									1.0
SRN	HZ	156	230	IAML	2	6	9.20			11	0.7					
IGT	HZ	167	214	EP	2	5	40.140.910									0.9
IGT	HN	167	214	ES	2	6	2.510.160									0.9
IGT	HZ	167	214	IAML	2	6	5.86			9	0.7					
PUK	HZ	188	318	EP	2	5	42.250.130									0.9
PUK	HZ	188	318	IAML	2	6	10.13			2	0.4					

**January 10 2022 Hour: 2: 6 21.8 Lat: 40.83N Lon: 21.35E D: 11.1 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR 2.1MW TIR Rms: 0.7 secs**  
**37 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	53	209	EP		2	6	31.880.550							1.0
NEST	HN	53	209	ES		2	6	39.180.150							1.0
NEST	HZ	53	209	IAML		2	6	40.04		86	0.2				
KBN	HZ	53	245	EP		2	6	31.590.230							1.0
KBN	HN	53	245	ES		2	6	38.44-.660							1.0
KBN	HZ	53	245	IAML		2	6	45.08		44	0.4				
LSK	HZ	99	221	EP		2	6	38.40-.620							1.0
LSK	HN	99	221	ES		2	6	52.34-.610							1.0
LSK	HZ	99	221	IAML		2	6	59.32		13	0.4				
BERA	HZ	119	264	EP		2	6	43.030.640							1.0
BERA	HE	119	264	ES		2	6	58.57-.500							1.0
BERA	HZ	119	264	IAML		2	7	5.54		8	0.6				
PHP	HZ	122	322	EP		2	6	42.39-.510							1.0
PHP	HN	122	322	ES		2	6	59.58-.410							1.0
PHP	HZ	122	322	IAML		2	7	4.35		7					
THL	HZ	151	158	EP		2	6	48.100.410							1.0
THL	HE	151	158	ES		2	7	7.48-1.17							1.0
SRN	HZ	156	228	EP		2	6	49.430.970							1.0
SRN	HE	156	228	ES		2	7	11.040.990							1.0
SRN	HZ	156	228	IAML		2	7	16.84		11	1.6				
IGT	HZ	168	211	EP		2	6	52.13 1.61							0.5
IGT	HE	168	211	ES		2	7	13.69-.080							0.9
PUK	HZ	182	318	EP		2	6	52.880.410							0.9

**January 10 2022 Hour: 2: 8 30.0 Lat: 40.86N Lon: 21.45E D: 6.0 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR 2.3MW TIR Rms: 0.8 secs**  
**46 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	60	214	EP		2	8	41.000.150							1.0
NEST	HN	60	214	ES		2	8	49.18-.420							1.0
NEST	HZ	60	214	IAML		2	8	50.23		129	0.2				
KBN	HZ	62	245	EP		2	8	41.190.040							1.0
KBN	HN	62	245	ES		2	8	49.91-.240							1.0
KBN	HZ	62	245	IAML		2	8	53.59		24	0.6				
LSK	HZ	107	223	EP		2	8	48.19-.770							1.0
LSK	HN	107	223	ES		2	9	3.47-.810							1.0
LSK	HZ	107	223	IAML		2	9	7.51		24	0.6				
PHP	HZ	124	318	EP		2	8	50.91-.950							1.0
PHP	HN	124	318	ES		2	9	8.76-.770							1.0
PHP	HZ	124	318	IAML		2	9	12.67		7	0.8				
BERA	HZ	128	263	EP		2	8	53.95 1.57							1.0
BERA	HN	128	263	ES		2	9	11.50 1.02							1.0
BERA	HZ	128	263	IAML		2	9	19.01		11	0.7				
THE	HZ	131	101	EP		2	8	53.190.360							1.0
THE	HN	131	101	ES		2	9	12.180.900							1.0
THE	HZ	131	101	IAML		2	9	13.84		7	0.5				
THL	HZ	152	161	EP		2	8	54.89-1.49							1.0
THL	HE	152	161	ES		2	9	16.95-.760							1.0



SRN	HZ	164	229	EP	2	8	59.360.890										0.9
SRN	HN	164	229	ES	2	9	21.790.300										0.9
SRN	HZ	164	229	IAML	2	9	24.14		11	1.5							
IGT	HZ	176	213	EP	2	9	0.710.360										0.9
IGT	HN	176	213	ES	2	9	25.560.660										0.9
IGT	HZ	176	213	IAML	2	9	28.40		6	0.6							
PUK	HZ	185	316	EP	2	9	1.18-.510										0.9
PUK	HN	185	316	ES	2	9	26.40-.920										0.9
PUK	HZ	185	316	IAML	2	9	30.34		4	0.9							
BCI	HZ	203	326	EP	2	9	3.32-.660										0.9
BCI	HZ	203	326	IAML	2	9	36.03		9	0.9							
SDA	HZ	210	310	EP	2	9	5.82 1.05										0.9
PDG	HZ	252	314	EP	2	9	11.58 1.36										0.9

**January 10 2022 Hour: 2:17 2.7 Lat: 40.87N Lon: 21.42E D: 5.0F Ag: TIR Local**  
**Magnitudes: 1.9ML TIR 2.5MW TIR Rms: 0.7 secs**  
**45 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	59	212	EP		217	13.900.550								1.0
NEST	HN	59	212	ES		217	21.990.020								1.0
NEST	HZ	59	212	IAML		217	22.76		74	0.2					
KBN	HZ	60	243	EP		217	13.640.190								1.0
KBN	HN	60	243	ES		217	21.50-.670								1.0
KBN	HZ	60	243	IAML		217	24.26		19	0.4					
LSK	HZ	106	221	EP		217	20.88-.610								1.0
LSK	HN	106	221	ES		217	35.76-.960								1.0
LSK	HZ	106	221	IAML		217	45.89		16	2.0					
PHP	HZ	122	318	EP		217	23.31-.910								1.0
PHP	HN	122	318	ES		217	40.53-1.12								1.0
PHP	HZ	122	318	IAML		217	44.34		8	0.4					
BERA	HZ	126	262	EP		217	26.19 1.48								1.0
BERA	HN	126	262	ES		217	43.400.850								1.0
BERA	HZ	126	262	IAML		217	49.06		10	0.8					
THL	HZ	153	161	EP		217	28.87-.460								1.0
THL	HN	153	161	ES		217	51.080.170								1.0
SRN	HZ	163	228	EP		217	31.090.140								0.9
SRN	HN	163	228	ES		217	53.37-.480								0.9
SRN	HZ	163	228	IAML		218	10.73		10	1.5					
IGT	HZ	175	212	EP		217	33.060.120								0.9
IGT	HE	175	212	ES		217	58.030.590								0.9
IGT	HZ	175	212	IAML		218	0.90		12	1.9					
PUK	HZ	183	316	EP		217	34.240.050								0.9
PUK	HN	183	316	ES		218	0.96 1.26								0.9
PUK	HZ	183	316	IAML		218	5.18		2	0.2					

**January 10 2022 Hour: 2:26 1.7 Lat: 40.86N Lon: 21.45E D: 5.5 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR 2.5MW TIR Rms: 0.8 secs**  
**46 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	60	214	EP		226	12.960.480								1.0
NEST	HN	60	214	ES		226	20.93-.280								1.0
NEST	HZ	60	214	IAML	A	226	22.97		75	0.3					
KBN	HZ	62	245	EP		226	12.52-.270								1.0
KBN	HN	62	245	ES		226	21.17-.600								1.0
KBN	HZ	62	245	IAML		226	25.41		15	0.4					
LSK	HZ	107	223	EP		226	20.26-.380								1.0
LSK	HN	107	223	ES		226	34.66-1.32								1.0
LSK	HZ	107	223	IAML		226	37.45		13	0.4					
PHP	HZ	125	318	EP		226	22.83-.720								1.0
PHP	HN	125	318	ES		226	40.29-.960								1.0
PHP	HZ	125	318	IAML		226	42.82		8	0.7					
BERA	HZ	128	263	EP		226	25.45 1.39								1.0
BERA	HN	128	263	ES		226	43.040.860								1.0
BERA	HZ	128	263	IAML		226	50.98		8	0.6					

THL	HZ	152	161	EP		226	27.49-	.570									1.0
THL	HE	152	161	ES		226	49.04-	.370									1.0
SRN	HZ	164	229	EP		226	31.50	1.36									0.9
SRN	HN	164	229	ES		226	52.80-	.380									0.9
SRN	HZ	164	229	IAML		227	3.33		10	1.4							
IGT	HZ	175	213	EP		226	33.92	1.90									0.9
PUK	HZ	185	316	EP		226	33.06-	.350									0.9
PUK	HN	185	316	ES		226	59.470.	.370									0.9
PUK	HZ	185	316	IAML		227	11.63		3	0.9							
BCI	HZ	203	326	EP		226	35.38-	.320									0.9
SDA	HZ	210	310	EP		226	36.960.	.470									0.9

**January 10 2022 Hour: 2:34 57.7 Lat: 40.85N Lon: 21.42E D: 5.0F Ag: TIR Local**  
**Magnitudes: 2.0ML TIR 2.5MW TIR Rms: 0.7 secs**  
**44 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
NEST	HZ	58	213	EP		235	8.410.	.250							1.0		
NEST	HN	58	213	ES		235	16.35-	.240							1.0		
NEST	HZ	58	213	IAML		235	18.34		87	0.4							
KBN	HZ	59	245	EP		235	8.570.	.210							1.0		
KBN	HZ	59	245	IAML	A	235	20.98		19	0.5							
LSK	HZ	105	222	EP		235	15.29-	1.05							1.0		
LSK	HN	105	222	ES		235	30.34-	1.06							1.0		
LSK	HZ	105	222	IAML		235	34.73		21	0.7							
PHP	HZ	123	319	EP		235	18.36-	1.08							1.0		
PHP	HN	123	319	ES		235	36.46-	.550							1.0		
PHP	HZ	123	319	IAML		235	38.23		12	0.6							
BERA	HZ	125	263	EP		235	20.000.	.290							1.0		
BERA	HN	125	263	ES		235	38.90	1.41							1.0		
BERA	HZ	125	263	IAML		235	46.61		7	0.8							
THE	HZ	133	100	EP		235	20.78-	.220							1.0		
THE	HN	133	100	ES		235	41.13	1.30							1.0		
THE	HZ	133	100	IAML		235	42.21		4	0.4							
THL	HZ	152	160	EP		235	23.52-	.640							1.0		
THL	HE	152	160	ES		235	44.70-	.850							1.0		
SRN	HZ	162	229	EP		235	26.370.	.550							0.9		
SRN	HE	162	229	ES		235	48.990.	.430							0.9		
SRN	HZ	162	229	IAML		235	58.16		8	0.6							
IGT	HZ	173	213	EP		235	28.95	1.18							0.9		
IGT	HE	173	213	ES		235	52.330.	.240							0.9		
IGT	HZ	173	213	IAML		236	3.05		8	1.1							
PUK	HZ	184	316	EP		235	28.91-	.460							0.9		
PUK	HN	184	316	ES		235	55.220.	.240							0.9		
PUK	HZ	184	316	IAML		236	0.15		2	0.3							
BCI	HZ	202	327	EP		235	31.45-	.270							0.9		
SDA	HZ	208	310	EP		235	32.940.	.520							0.9		
SDA	HZ	208	310	IAML		236	20.91		11	1.8							

**January 10 2022 Hour: 2:50 21.8 Lat: 40.87N Lon: 21.45E D: 6.3 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR 2.4MW TIR Rms: 0.8 secs**  
**46 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
NEST	HZ	60	214	EP		250	32.40-	.220							1.0		
NEST	HN	60	214	ES		250	41.18-	.240							1.0		
NEST	HZ	60	214	IAML	A	250	43.20		61	0.2							
KBN	HZ	62	244	EP		250	32.940.	.060							1.0		
KBN	HN	62	244	ES		250	41.23-	.660							1.0		
KBN	HZ	62	244	IAML	A	250	42.51		18	0.3							
LSK	HZ	107	222	EP		250	40.40-	.290							1.0		
LSK	HN	107	222	ES		250	54.64-	1.39							1.0		
LSK	HZ	107	222	IAML		250	56.79		16	1.0							
PHP	HZ	124	317	EP		250	43.06-	.400							1.0		
PHP	HN	124	317	ES		251	0.32-	.730							1.0		
PHP	HZ	124	317	IAML		251	3.46		10	0.2							

BERA	HZ	128	262	EP	250	45.48	1.43										1.0
BERA	HN	128	262	ES	251	1.90	-.210										1.0
BERA	HZ	128	262	IAML	251	5.89				8	0.8						
THL	HZ	152	161	EP	250	47.55	-.610										1.0
THL	HE	152	161	ES	251	8.83	-.720										1.0
SRN	HZ	165	229	EP	250	50.61	0.420										0.9
SRN	HN	165	229	ES	251	14.24	1.03										0.9
IGT	HZ	176	213	EP	250	54.04	1.95										0.9
IGT	HN	176	213	ES	251	17.17	0.510										0.9
PUK	HZ	184	316	EP	250	54.31	1.02										0.9
PUK	HN	184	316	ES	251	18.29	-.550										0.9
PUK	HZ	184	316	IAML	251	22.20				2	0.6						

**January 10 2022 Hour: 2:52 5.4 Lat: 40.86N Lon: 21.38E D: 7.5 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR 3.5MW TIR Rms: 0.6 secs**

**40 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	56	242	EP		252	15.90	0.300							1.0
KBN	HE	56	242	ES		252	23.81	-.030							1.0
KBN	HZ	56	242	IAML		252	25.07			20	0.5				
NEST	HZ	57	210	EP		252	16.13	0.460							1.0
NEST	HN	57	210	ES		252	23.77	-.200							1.0
NEST	HZ	57	210	IAML		252	24.96			55	0.2				
LSK	HZ	103	220	EP		252	23.89	0.330							1.0
LSK	HN	103	220	ES		252	37.73	-.520							1.0
LSK	HZ	103	220	IAML		252	39.98			12	1.3				
PHP	HZ	121	320	EP		252	26.37	-.140							1.0
PHP	HN	121	320	ES		252	43.34	-.250							1.0
PHP	HZ	121	320	IAML		252	46.23			9	0.6				
THL	HZ	154	159	EP		252	31.80	-.170							1.0
IGT	HZ	172	211	EP		252	33.63	-1.44							0.9
IGT	HE	172	211	ES		253	0.12	1.04							0.9
IGT	HZ	172	211	IAML		253	6.87			6	0.7				
BCI	HZ	200	327	EP		252	39.44	0.660							0.9
BCI	HZ	200	327	IAML		253	15.01			6	0.7				

**January 10 2022 Hour: 2:58 24.9 Lat: 40.88N Lon: 21.47E D: 1.1 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR 2.4MW TIR Rms: 0.7 secs**

**48 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	63	215	IP		258	36.36	0.250							1.0
NEST	HE	63	215	IS		258	45.36	0.180							1.0
NEST	HZ	63	215	IAML		258	48.46			203	0.2				
KBN	HZ	64	244	IP		258	36.34	-.040							1.0
KBN	HN	64	244	IS		258	45.57	-.110							1.0
KBN	HZ	64	244	IAML		258	48.53			61	0.1				
LSK	HZ	110	223	IP		258	45.38	0.900							1.0
LSK	HN	110	223	IS		258	59.61	-.730							1.0
LSK	HZ	110	223	IAML		259	2.77			19	0.5				
PHP	HZ	124	316	EP		258	45.59	-1.40							1.0
PHP	HZ	124	316	IAML		259	13.13			11	2.4				
BERA	HZ	130	262	IP		258	47.72	-.170							1.0
BERA	HE	130	262	IS		259	6.99	0.490							1.0
BERA	HZ	130	262	IAML		259	11.39			15	0.3				
THL	HZ	153	162	IP		258	51.06	-.710							1.0
THL	HN	153	162	IS		259	13.52	-.020							1.0
SRN	HZ	167	229	IP		258	54.98	0.910							0.9
SRN	HE	167	229	IS		259	16.44	-1.26							0.9
SRN	HZ	167	229	IAML		259	27.17			13	0.8				
IGT	HZ	178	213	IP		258	56.14	0.180							0.9
IGT	HN	178	213	IS		259	21.65	0.540							0.9
IGT	HZ	178	213	IAML		259	25.02			13	0.9				
PUK	HZ	185	315	EP		258	57.38	0.330							0.9
PUK	HZ	185	315	IAML		259	28.41			4	0.5				

SDA HZ 210 309 EP 259 1.060.810 0.9  
 SDA HZ 210 309 IAML 259 45.20 7 1.5

**January 10 2022 Hour: 3: 6 21.6 Lat: 40.83N Lon: 21.47E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR 3.6MW TIR Rms: 0.9 secs**

**46 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	58	218	EP		3 6	32.190	.050							1.0
NEST	HN	58	218	ES		3 6	41.260	.610							1.0
NEST	HZ	58	218	IAML		3 6	42.91		76	0.6					
KBN	HZ	62	248	EP		3 6	32.58	-.140							1.0
KBN	HN	62	248	ES		3 6	41.13	-.580							1.0
KBN	HZ	62	248	IAML		3 6	47.95		19	0.4					
LSK	HZ	106	225	EP		3 6	39.75	-.270							1.0
LSK	HN	106	225	ES		3 6	54.81	-.110							1.0
LSK	HZ	106	225	IAML		3 7	6.53		14	0.7					
THE	HZ	128	99	EP		3 6	44.330	.610							0.5
THE	HZ	128	99	IAML		3 7	7.16		6	0.7					
PHP	HZ	128	318	EP		3 6	42.77	-.930							1.0
PHP	HZ	128	318	IAML	A	3 7	2.66		12	0.5					
BERA	HZ	129	264	EP		3 6	43.42	-.430							1.0
BERA	HN	129	264	ES		3 7	3.17	1.32							1.0
BERA	HZ	129	264	IAML		3 7	10.49		11	0.2					
THL	HZ	148	162	EP		3 6	46.93	-.110							1.0
SRN	HZ	164	230	EP		3 6	49.43	-.150							0.9
SRN	HN	164	230	ES		3 7	11.50	-.730							0.9
SRN	HZ	164	230	IAML		3 7	26.39		13	2.1					
IGT	HZ	174	214	EP		3 6	52.30	1.13							0.9
IGT	HE	174	214	ES		3 7	14.29	-.800							0.9
IGT	HZ	174	214	IAML		3 7	29.74		13	1.0					
PUK	HZ	188	316	EP		3 6	52.82	-.270							0.9
PUK	HN	188	316	ES		3 7	19.63	1.06							0.9
PUK	HZ	188	316	IAML		3 7	22.60		4	0.8					
BCI	HZ	207	326	EP		3 6	55.03	-.370							0.9
BCI	HN	207	326	ES		3 7	21.00	-1.75							0.9
BCI	HZ	207	326	IAML		3 7	36.28		10	2.0					
SDA	HZ	213	310	EP		3 6	58.45	2.29							0.9
SDA	HN	213	310	ES		3 7	24.280	.160							0.9

**January 10 2022 Hour: 3: 8 40.4 Lat: 40.78N Lon: 21.41E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR 3.1MW TIR Rms: 0.7 secs**

**39 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	51	216	EP		3 8	50.180	.530							1.0
NEST	HN	51	216	ES		3 8	56.95	-.210							1.0
NEST	HZ	51	216	IAML		3 8	58.21		289	0.3					
KBN	HZ	55	251	EP		3 8	50.28	-.050							1.0
KBN	HN	55	251	ES		3 8	57.38	-1.02							1.0
KBN	HZ	55	251	IAML	A	3 9	0.07		72	0.7					
LSK	HZ	98	224	EP		3 8	56.92	-.600							1.0
LSK	HN	98	224	ES		3 9	10.47	-.930							1.0
LSK	HZ	98	224	IAML		3 9	16.78		34	0.6					
BERA	HZ	123	266	EP		3 9	1.910	.270							1.0
BERA	HN	123	266	ES		3 9	19.180	.320							1.0
BERA	HZ	123	266	IAML		3 9	22.22		20	0.3					
PHP	HZ	129	321	EP		3 9	1.55	-.990							1.0
PHP	HN	129	321	ES		3 9	20.38	-.120							1.0
PHP	HZ	129	321	IAML		3 9	21.76		28	0.2					
THE	HZ	133	97	EP		3 9	3.790	.550							1.0
THE	HE	133	97	ES		3 9	21.30	-.460							1.0
THE	HZ	133	97	IAML		3 9	27.45		11	0.9					
TIR	HZ	144	296	EP		3 9	5.610	.560							1.0
TIR	HE	144	296	ES		3 9	25.300	.260							1.0
TIR	HZ	144	296	IAML		3 9	32.14		7	0.7					

THL	HZ	145	159	EP		3	9	5.25-.020									1.0
THL	HN	145	159	ES		3	9	25.13-.310									1.0
SRN	HZ	156	230	EP		3	9	6.89-.200									1.0
SRN	HN	156	230	ES		3	9	28.960.230									1.0
SRN	HZ	156	230	IAML	A	3	9	36.56		14	0.8						
IGT	HZ	166	214	EP		3	9	9.510.670									0.9
IGT	HN	166	214	ES		3	9	32.96 1.07									0.9
IGT	HZ	166	214	IAML		3	9	40.36		17	1.8						
KEK	HZ	181	229	EP		3	9	10.76-.110									0.9
PUK	HZ	188	318	EP		3	9	11.40-.460									0.9
PUK	HN	188	318	ES		3	9	38.040.670									0.9
PUK	HZ	188	318	IAML		3	9	40.20		8	0.8						
BCI	HZ	208	328	EP		3	9	14.350.010									0.9
BCI	HE	208	328	ES		3	9	40.05-1.79									0.9
BCI	HZ	208	328	IAML		3	9	47.64		16							
SDA	HZ	212	312	EP		3	9	16.41 1.58									0.9
SDA	HN	212	312	ES		3	9	42.70-.030									0.9
PDG	HZ	256	316	EP		3	9	20.890.530									0.9
PDG	HN	256	316	ES		3	9	53.250.500									0.9

January 10 2022 Hour: 3:13 42.4 Lat: 40.84N Lon: 21.46E D: 10.0F Ag: TIR Local  
Magnitudes: 2.3ML TIR 2.6MW TIR Rms: 0.9 secs

48 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	58	217	EP		313	52.39-.550								1.0
NEST	HN	58	217	ES		314	0.69-.800								1.0
NEST	HZ	58	217	IAML		314	4.84			244	0.2				
KBN	HZ	62	248	EP		313	52.60-.850								1.0
KBN	HN	62	248	ES		314	1.91-.510								1.0
KBN	HZ	62	248	IAML		314	5.59			48	0.3				
LSK	HZ	106	224	EP		314	0.11-.690								1.0
LSK	HN	106	224	ES		314	15.48-.240								1.0
LSK	HZ	106	224	IAML		314	17.58			35	1.0				
PHP	HZ	127	318	EP		314	4.600.220								1.0
PHP	HN	127	318	ES		314	20.63-1.57								1.0
PHP	HZ	127	318	IAML		314	25.21			15	0.2				
BERA	HZ	128	264	EP		314	4.37-.180								1.0
BERA	HN	128	264	ES		314	23.130.620								1.0
BERA	HZ	128	264	IAML		314	28.10			14	0.4				
THL	HZ	149	161	EP		314	6.43-1.53								1.0
THL	HN	149	161	ES		314	29.83 1.14								1.0
SRN	HZ	163	230	EP		314	11.020.670								0.9
SRN	HN	163	230	ES		314	33.360.350								0.9
SRN	HZ	163	230	IAML		314	40.16			14	0.7				
IGT	HZ	174	214	EP		314	11.51-.530								0.9
IGT	HN	174	214	ES		314	37.85 1.78								0.9
IGT	HZ	174	214	IAML		314	46.75			18	1.4				
PUK	HZ	187	316	EP		314	12.85-1.01								0.9
PUK	HE	187	316	ES		314	40.78 1.41								0.9
PUK	HZ	187	316	IAML	A	314	45.61			5	0.5				
KEK	HZ	188	229	EP		314	14.790.860								0.9
KEK	HZ	188	229	IAML		314	53.66			23	1.8				
BCI	HZ	206	326	EP		314	15.37-.810								0.7
BCI	HZ	206	326	IAML	A	314	56.43			14	0.9				
SDA	HZ	212	310	EP		314	17.890.960								0.9
SDA	HN	212	310	ES		314	46.05 1.13								0.9
SDA	HZ	212	310	IAML		315	0.53			12	0.9				
PDG	HZ	255	315	EP		314	23.020.630								0.9

January 10 2022 Hour: 3:17 50.1 Lat: 40.83N Lon: 21.46E D: 5.7 Ag: TIR Local  
 Magnitudes: 2.2ML TIR 2.6MW TIR Rms: 0.7 secs  
 45 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	58	217	EP		318	1.69	1.14							1.0
NEST	HN	58	217	ES		318	9.210	.210							1.0
NEST	HN	58	217	E		318	9.21								
NEST	HZ	58	217	IAML	A	318	10.21			158	0.4				
KBN	HZ	62	248	EP		318	1.890	.730							1.0
KBN	HE	62	248	ES		318	9.03	-1.08							1.0
KBN	HZ	62	248	IAML	A	318	11.22			53	0.2				
LSK	HZ	105	224	EP		318	8.67	-.100							1.0
LSK	HN	105	224	ES		318	23.42	-.480							1.0
LSK	HZ	105	224	IAML		318	42.04			19	0.9				
PHP	HZ	128	318	EP		318	12.33	-.140							1.0
PHP	HN	128	318	ES		318	29.48	-1.11							1.0
PHP	HZ	128	318	IAML		318	33.03			15	0.9				
BERA	HZ	129	264	EP		318	12.06	-.530							1.0
BERA	HE	129	264	ES		318	30.68	-.120							1.0
BERA	HZ	129	264	IAML	A	318	34.44			20	0.5				
THL	HZ	148	161	EP		318	15.35	-.530							1.0
THL	HN	148	161	ES		318	35.83	-.930							1.0
SRN	HZ	163	230	EP		318	18.16	-.180							0.9
SRN	HN	163	230	ES		318	41.480	.280							0.9
SRN	HZ	163	230	IAML		318	44.09			12	0.8				
IGT	HZ	173	214	EP		318	21.35	1.27							0.9
IGT	HN	173	214	ES		318	44.570	.210							0.9
IGT	HZ	173	214	IAML		318	49.14			11	0.8				
PUK	HZ	188	316	EP		318	22.580	.390							0.9
PUK	HN	188	316	ES		318	48.740	.550							0.9
PUK	HZ	188	316	IAML		318	53.42			4	0.2				
BCI	HZ	206	326	EP		318	23.49	-1.02							0.9
BCI	HZ	206	326	IAML		318	58.10			8					
SDA	HZ	213	310	EP		318	26.66	1.40							0.5
SDA	HN	213	310	ES		318	54.350	.620							0.9
SDA	HZ	213	310	IAML		319	1.35			7	1.2				
PDG	HZ	255	315	EP		318	31.510	.790							0.9

January 10 2022 Hour: 3:19 33.3 Lat: 40.84N Lon: 21.41E D: 5.4 Ag: TIR Local  
 Magnitudes: 2.4ML TIR 3.0MW TIR Rms: 0.7 secs  
 42 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	56	213	EP		319	43.700	.290							1.0
NEST	HN	56	213	ES		319	51.47	-.110							1.0
NEST	HZ	56	213	IAML		319	52.62			280	0.4				
KBN	HZ	58	246	EP		319	43.52	-.170							1.0
KBN	HN	58	246	ES		319	52.120	.030							1.0
KBN	HZ	58	246	IAML		319	53.92			82	0.4				
LSK	HZ	103	222	EP		319	51.56	-.030							1.0
LSK	HN	103	222	ES		320	6.430	.040							1.0
LSK	HZ	103	222	IAML	A	320	12.70			50	0.6				
BERA	HN	124	263	ES		320	13.620	.900							1.0
BERA	HZ	124	263	IAML		320	20.86			24	0.3				
PHP	HZ	124	319	EP		319	55.190	.080							1.0
PHP	HN	124	319	ES		320	12.820	.060							1.0
PHP	HZ	124	319	IAML	A	320	13.85			38	0.8				
BERA	HZ	124	263	EP		319	55.160	.070							1.0
THE	HZ	133	99	EP		319	56.24	-.380							1.0
THE	HN	133	99	ES		320	16.89	1.40							1.0
THE	HZ	133	99	IAML	A	320	18.48			17	0.5				
THL	HZ	151	160	IP		319	59.16	-.330							1.0
THL	HN	151	160	IS		320	19.51	-1.17							1.0
VLO	HZ	167	256	EP		320	1.99	-.230							0.9

IGT	HZ	172	213	EP	320	2.82-	.190										0.9
IGT	HZ	172	213	IAML	320	36.26			16	1.2							
PUK	HZ	184	317	EP	320	3.38-	1.59										0.9
PUK	HZ	184	317	IAML A	320	32.09			12	0.5							
KEK	HZ	185	228	EP	320	6.61	1.55										0.9
BCI	HZ	203	327	EP	320	6.56-	.800										0.9
BCI	HZ	203	327	IAML	320	43.20			17	1.9							
SDA	HZ	209	311	EP	320	8.650.	.650										0.9
SDA	HE	209	311	ES	320	35.63-	.460										0.9
SDA	HZ	209	311	IAML	320	41.67			13	1.3							
PDG	HZ	251	315	EP	320	13.770.	.280										0.9
PDG	HZ	251	315	IAML A	320	54.48			10	0.9							

**January 10 2022 Hour: 3:30 56.2 Lat: 40.81N Lon: 21.41E D: 11.1 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR Rms: 0.7 secs**

**40 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	53	215	EP		331	6.450.	.620							1.0
NEST	HN	53	215	ES		331	13.630.	.010							1.0
NEST	HZ	53	215	IAML		331	14.62			135	0.2				
KBN	HZ	56	249	EP		331	6.520.	.150							1.0
KBN	HN	56	249	ES		331	13.69-	.900							1.0
KBN	HZ	56	249	IAML		331	15.33			29	0.4				
LSK	HZ	100	224	EP		331	13.41-	.260							1.0
LSK	HN	100	224	ES		331	27.40-	.420							1.0
LSK	HZ	100	224	IAML		331	32.72			11	0.3				
BERA	HZ	124	265	EP		331	18.300.	.720							1.0
BERA	HN	124	265	ES		331	34.36-	.530							1.0
BERA	HZ	124	265	IAML		331	39.46			9	0.5				
PHP	HZ	127	321	EP		331	17.61-	.530							1.0
PHP	HN	127	321	ES		331	35.16-	.740							1.0
PHP	HZ	127	321	IAML		331	42.35			4	0.6				
THL	HZ	147	159	EP		331	21.520.	.100							1.0
THL	HN	147	159	ES		331	40.92-	.920							1.0
SRN	HZ	158	230	EP		331	24.56	1.34							0.9
SRN	HN	158	230	ES		331	45.380.	.280							0.9
IGT	HZ	169	213	EP		331	25.450.	.430							0.9
IGT	HN	169	213	ES		331	48.490.	.130							0.9
PUK	HZ	187	318	EP		331	26.93-	.590							0.9
PUK	HN	187	318	ES		331	54.22	1.33							0.9
PUK	HZ	187	318	IAML		331	57.84			3	0.8				
BCI	HZ	206	328	EP		331	29.14-	.820							0.9
SDA	HZ	211	312	EP		331	31.67	1.15							0.7
SDA	HE	211	312	ES		331	58.480.	.170							0.9

**January 10 2022 Hour: 3:38 49.3 Lat: 40.91N Lon: 21.40E D: 8.7 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 3.2MW TIR Rms: 0.4 secs**

**43 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	60	239	EP		339	0.310.	.070							1.0
KBN	HN	60	239	ES		339	8.77-	.310							1.0
KBN	HZ	60	239	IAML		339	10.41			77	0.4				
NEST	HZ	62	209	EP		339	0.560.	.020							1.0
NEST	HN	62	209	ES		339	9.820.	.200							1.0
NEST	HZ	62	209	IAML		339	11.10			267	0.4				
LSK	HZ	108	219	EP		339	8.560.	.330							1.0
LSK	HN	108	219	ES		339	23.48-	.050							1.0
LSK	HZ	108	219	IAML		339	33.06			59	1.3				
PHP	HZ	118	317	EP		339	9.09-	.800							1.0
PHP	HZ	118	317	IAML		339	34.18			29	1.2				
BERA	HZ	124	260	EP		339	11.140.	.220							1.0
BERA	HZ	124	260	IAML		339	38.08			24	0.5				
THE	HZ	136	102	EP		339	12.57-	.240							1.0
THE	HN	136	102	ES		339	31.71-	.120							1.0

THE	HZ	136	102	IAML	A	339	33.88			24	1.3					
TIR	HZ	138	291	EP		339	13.380.210									0.5
TIR	HZ	138	291	IAML		339	44.06			23	0.8					
THL	HZ	158	160	IP		339	16.45-.050									0.9
SRN	HZ	164	227	EP		339	18.350.750									0.9
SRN	HN	164	227	ES		339	39.89-.610									0.9
SRN	HZ	164	227	IAML	A	339	48.26			30	0.6					
VLO	HZ	168	254	IAML		339	48.60			44	0.5					
IGT	HZ	177	211	EP		339	20.480.840									0.5
IGT	HZ	177	211	IAML	A	339	53.72			20	0.9					
PUK	HZ	178	316	IAML	A	339	49.42			19	0.7					
KEK	HZ	190	226	IP		339	20.80-.420									0.9
KEK	HZ	190	226	IAML		339	57.56			33	1.2					
BCI	HZ	197	326	EP		339	22.940.830									0.9
BCI	HZ	197	326	IAML		340	1.54			20	0.7					

**January 10 2022 Hour: 4: 6 13.0 Lat: 40.80N Lon: 21.47E D: 10.0F Ag: TIR Local**  
**Magnitudes: 1.9ML TIR 2.1MW TIR Rms: 0.8 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	55	220	EP		4	6	24.10	1.22						1.0
NEST	HN	55	220	ES		4	6	31.250.340							1.0
NEST	HZ	55	220	IAML	A	4	6	32.75		36	0.2				
KBN	HZ	61	252	EP		4	6	24.540.690							1.0
KBN	HE	61	252	ES		4	6	31.87-.780							1.0
KBN	HZ	61	252	IAML		4	6	34.19		18	0.2				
LSK	HZ	103	226	EP		4	6	30.14-1.25							1.0
LSK	HN	103	226	ES		4	6	45.18-1.12							1.0
LSK	HZ	103	226	IAML		4	6	53.72		12	1.0				
PHP	HZ	131	319	IP		4	6	36.640.370							1.0
PHP	HN	131	319	IS		4	6	54.30-.840							1.0
PHP	HZ	131	319	IAML		4	6	58.26		6	1.3				
THL	HZ	144	161	EP		4	6	37.32-1.14							1.0
THL	HN	144	161	ES		4	6	58.64-.470							1.0
SRN	HZ	161	231	EP		4	6	42.41	1.16						0.9
SRN	HN	161	231	ES		4	7	4.12-.020							0.9
SRN	HZ	161	231	IAML		4	7	11.68		9	1.3				
IGT	HZ	171	215	EP		4	6	43.720.880							0.9
IGT	HN	171	215	ES		4	7	7.790.760							0.9
IGT	HZ	171	215	IAML	A	4	7	13.72		18	1.5				
PUK	HZ	191	317	EP		4	6	46.620.420							0.9

**January 10 2022 Hour: 4: 8 53.5 Lat: 40.96N Lon: 21.43E D: 8.5 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR Rms: 0.9 secs**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	66	236	EP		4	9	4.13-1.14							1.0
KBN	HN	66	236	ES		4	9	14.81-.040							1.0
KBN	HZ	66	236	IAML	A	4	9	17.60		15	0.2				
NEST	HZ	68	208	EP		4	9	7.61	1.88						1.0
NEST	HE	68	208	ES		4	9	15.900.220							1.0
NEST	HZ	68	208	IAML		4	9	16.43		57	0.5				
LSK	HZ	114	218	EP		4	9	12.67-.670							1.0
LSK	HN	114	218	ES		4	9	28.92-.530							1.0
LSK	HZ	114	218	IAML		4	9	38.36		11	2.3				
PHP	HZ	116	315	EP		4	9	13.16-.510							1.0
PHP	HN	116	315	ES		4	9	30.250.210							1.0
PHP	HZ	116	315	IAML		4	9	37.93		5	0.2				
THL	HZ	162	162	EP		4	9	20.76-.600							0.9
THL	HN	162	162	ES		4	9	43.47-.480							0.9
IGT	HZ	183	211	EP		4	9	26.33	1.78						0.9



January 10 2022 Hour: 4:12 33.3 Lat: 40.81N Lon: 21.44E D: 11.1 Ag: TIR Local  
 Magnitudes: 1.9ML TIR 2.6MW TIR Rms: 0.7 secs  
 42 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	55	217	EP		412	44.070	.890							1.0
NEST	HN	55	217	ES		412	51.460	.280							1.0
NEST	HZ	55	217	IAML		412	52.34			90	0.4				
KBN	HZ	59	250	EP		412	44.220	.390							1.0
KBN	HZ	59	250	IAML		412	51.81			24	0.8				
KBN	HE	59	250	ES		412	52.23	-.120							1.0
LSK	HZ	102	225	EP		412	50.33	-.730							1.0
LSK	HN	102	225	ES		413	4.77	-.670							1.0
LSK	HZ	102	225	IAML		413	15.35			13	1.1				
BERA	HZ	126	265	EP		412	55.940	.890							1.0
BERA	HZ	126	265	IAML		413	16.55			8	0.3				
PHP	HZ	128	320	EP		412	54.32	-1.12							1.0
PHP	HN	128	320	ES		413	13.09	-.280							1.0
PHP	HZ	128	320	IAML	A	413	15.47			9	0.6				
THL	HZ	146	160	EP		412	57.88	-.540							1.0
THL	HN	146	160	ES		413	18.68	-.080							1.0
SRN	HZ	160	230	EP		413	0.08	-.550							0.9
SRN	HN	160	230	ES		413	23.040	.280							0.9
SRN	HZ	160	230	IAML		413	24.96			13	2.0				
IGT	HZ	170	214	IAML		413	29.54			16	1.6				
PUK	HZ	188	317	EP		413	5.98	1.19							0.9
PUK	HZ	188	317	ES		413	29.57	-.730							0.9
PUK	HZ	188	317	IAML		413	37.88			4	0.7				
BCI	HZ	207	327	EP		413	8.20	1.02							0.9
BCI	HZ	207	327	IAML		413	40.43			10	0.7				

January 10 2022 Hour: 4:30 32.9 Lat: 40.79N Lon: 21.41E D: 9.0 Ag: TIR Local  
 Magnitudes: 2.0ML TIR 2.5MW TIR Rms: 0.6 secs  
 42 km E of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	51	217	IP		430	42.530	.320							1.0
NEST	HN	51	217	IS		430	49.73	-.050							1.0
NEST	HZ	51	217	IAML	A	430	50.53			163	0.3				
KBN	HZ	56	251	IP		430	42.57	-.390							1.0
KBN	HN	56	251	IS		430	51.08	-.060							1.0
KBN	HZ	56	251	IAML	A	430	52.03			35	0.4				
LSK	HZ	99	225	IP		430	48.93	-1.27							1.0
LSK	HN	99	225	IS		431	3.63	-.610							1.0
LSK	HZ	99	225	IAML		431	14.04			27	0.9				
BERA	HZ	124	266	EP		430	54.730	.400							1.0
BERA	HN	124	266	ES		431	11.66	-.070							1.0
BERA	HZ	124	266	IAML		431	16.19			14	0.4				
PHP	HZ	129	321	EP		430	55.230	.040							1.0
PHP	HZ	129	321	IAML		431	13.83			7	0.4				
SRN	HZ	157	230	EP		430	59.42	-.350							1.0
SRN	HN	157	230	ES		431	23.18	1.60							1.0
SRN	HZ	157	230	IAML		431	27.79			13	0.9				
IGT	HZ	167	214	EP		431	1.770	.270							0.9
IGT	HN	167	214	ES		431	24.61	-.100							0.9
IGT	HZ	167	214	IAML		431	33.53			6	0.4				
PUK	HZ	189	318	EP		431	5.67	1.04							0.9
PUK	HE	189	318	ES		431	29.89	-.490							0.9
PUK	HZ	189	318	IAML		431	37.40			4	0.9				
BCI	HZ	208	328	EP		431	7.520	.420							0.9
BCI	HE	208	328	ES		431	34.37	-.470							0.9
BCI	HZ	208	328	IAML		431	37.78			7	0.4				

**January 10 2022 Hour: 4:42 31.8 Lat: 40.88N Lon: 21.42E D: 7.2 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR Rms: 0.9 secs**  
**45 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	61	211	EP		442	42.840	.150							1.0
NEST	HN	61	211	ES		442	51.00	-.540							1.0
NEST	HZ	61	211	IAML		442	51.80			211	0.2				
KBN	HZ	61	242	EP		442	42.940	.240							1.0
KBN	HN	61	242	ES		442	51.30	-.250							1.0
KBN	HZ	61	242	IAML		442	55.48			28	0.5				
LSK	HZ	107	221	EP		442	50.09	-.520							1.0
LSK	HN	107	221	ES		443	5.03	-.850							1.0
LSK	HZ	107	221	IAML		443	9.51			39	0.6				
PHP	HZ	121	318	EP		442	52.29	-.680							1.0
PHP	HN	121	318	ES		443	9.47	-.670							1.0
PHP	HZ	121	318	IAML		443	13.26			9	0.2				
BERA	HZ	126	261	EP		442	55.92	2.23							1.0
BERA	HZ	126	261	IAML		443	20.59			14	0.7				
THL	HZ	155	161	EP		442	57.48	-1.02							1.0
SRN	HZ	164	228	EP		443	0.03	-.030							0.9
SRN	HN	164	228	ES		443	22.980	.000							0.9
SRN	HZ	164	228	IAML		443	24.81			14	3.3				
IGT	HZ	176	212	EP		443	3.91	1.82							0.9
IGT	HZ	176	212	IAML		443	44.83			16	1.1				
PUK	HZ	182	316	EP		443	2.42	-.430							0.9
PUK	HZ	182	316	IAML		443	32.93			6	0.5				
BCI	HZ	200	326	EP		443	5.500	.350							0.9
BCI	HZ	200	326	IAML		443	38.05			10	1.0				
LKD2	HZ	241	196	EP		443	10.950	.480							0.9

**January 10 2022 Hour: 4:48 27.6 Lat: 40.85N Lon: 21.46E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.7 secs**  
**46 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	60	215	EP		448	38.810	.480							1.0
NEST	HN	60	215	ES		448	47.210	.220							1.0
NEST	HZ	60	215	IAML		448	48.19			91	0.2				
KBN	HZ	62	246	EP		448	39.290	.580							1.0
KBN	HN	62	246	ES		448	47.27	-.400							1.0
KBN	HZ	62	246	IAML		448	48.49			47	0.4				
LSK	HZ	107	223	EP		448	46.700	.530							1.0
LSK	HN	107	223	ES		449	0.83	-.340							1.0
LSK	HZ	107	223	IAML		449	3.48			14	0.6				
PHP	HZ	126	318	EP		448	48.63	-.690							1.0
PHP	HN	126	318	ES		449	5.81	-1.07							1.0
PHP	HZ	126	318	IAML		449	11.51			9	1.5				
BERA	HZ	128	263	EP		448	51.39	1.67							1.0
BERA	HE	128	263	ES		449	7.14	-.470							1.0
BERA	HZ	128	263	IAML		449	13.53			10	0.8				
THL	HZ	151	161	EP		448	53.12	-.340							1.0
THL	HE	151	161	ES		449	13.44	-.930							1.0
SRN	HZ	164	229	EP		448	55.970	.280							0.9
SRN	HN	164	229	ES		449	17.91	-.500							0.9
SRN	HZ	164	229	IAML		449	25.40			16	2.5				
PUK	HZ	186	316	EP		448	59.780	.980							0.9

**January 10 2022 Hour: 5:21 24.4 Lat: 40.85N Lon: 21.45E D: 7.8 Ag: TIR Local**  
**Magnitudes: 2.7ML TIR 3.3MW TIR Rms: 0.9 secs**  
**46 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	59	215	IP		521	34.84	-.180							1.0
NEST	HN	59	215	IS		521	43.50	-.110							1.0
NEST	HZ	59	215	IAML	A	521	44.65			1076	0.2				

KBN	HZ	61	246	IP		521	35.30-	.140									1.0
KBN	HN	61	246	IS		521	43.89-	.490									1.0
KBN	HZ	61	246	IAML	A	521	45.73		285	0.6							
LSK	HZ	106	223	IP		521	42.53-	.480									1.0
LSK	HN	106	223	IS		521	57.69-	.390									1.0
LSK	HZ	106	223	IAML	A	521	59.60		113	0.9							
PHP	HZ	126	318	IP		521	44.95-	1.37									1.0
PHP	HN	126	318	IS		522	2.35-	1.72									1.0
PHP	HZ	126	318	IAML	A	522	5.70		65	0.7							
BERA	HZ	128	263	IP		521	46.00-	.610									1.0
BERA	HN	128	263	IS		522	4.820.	.240									1.0
BERA	HZ	128	263	IAML	A	522	10.44		65	0.3							
THE	HZ	130	100	IP		521	47.660.	.640									1.0
THE	HN	130	100	IS		522	5.980.	.640									1.0
THE	HZ	130	100	IAML	A	522	7.26		49	0.5							
TIR	HZ	144	293	IP		521	49.880.	.500									1.0
TIR	HN	144	293	IS		522	10.74	1.13									1.0
TIR	HZ	144	293	IAML	A	522	19.40		42	0.6							
THL	HZ	150	161	IP		521	50.24-	.120									1.0
THL	HN	150	161	IS		522	10.41-	.970									1.0
SRN	HZ	163	229	IP		521	52.06-	.480									0.9
SRN	HN	163	229	IS		522	16.53	1.21									0.9
SRN	HZ	163	229	IAML	A	522	18.39		37	0.5							
VLO	HZ	171	256	IP		521	55.30	1.56									0.9
IGT	HZ	174	213	IP	A	521	56.80	2.43									0.9
IGT	HN	174	213	IS		522	18.55-	.080									0.9
IGT	HZ	174	213	IAML	A	522	20.67		48	1.4							
PUK	HZ	186	316	IP		521	54.75-	1.24									0.9
PUK	HN	186	316	IS		522	22.200.	.630									0.9
PUK	HZ	186	316	IAML	A	522	27.93		24	0.9							
KEK	HZ	189	229	IP		521	56.660.	.410									0.9
KEK	HZ	189	229	IAML		522	30.41		62	2.2							
BCI	HZ	204	326	IP		521	57.90-	.410									0.9
BCI	HZ	204	326	IAML		522	31.28		31	0.9							
SDA	HZ	211	310	IP		521	59.740.	.680									0.9
SDA	HN	211	310	IS		522	27.680.	.560									0.9
SDA	HZ	211	310	IAML		522	35.03		21	2.1							
LKD2	HZ	238	197	EP		522	2.23-	.420									0.9
LKD2	HN	238	197	ES		522	31.98-	1.64									0.9
PDG	HZ	253	315	IP		522	5.100.	.580									0.9
PDG	HN	253	315	IS		522	36.94-	.070									0.9
PDG	HZ	253	315	IAML	A	522	43.71		16	0.7							

**January 10 2022 Hour: 5:42 44.4 Lat: 40.69N Lon: 21.23E D: 4.8 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR 2.9MW TIR Rms: 0.3 secs**  
**24 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	34	206	IP		542	50.52-	.120							1.0
NEST	HN	34	206	IS		542	55.750.	.070							1.0
NEST	HZ	34	206	IAML		542	57.15		172	0.3					
KBN	HZ	38	259	IP		542	51.13-	.160							1.0
KBN	HN	38	259	IS		542	57.050.	.180							1.0
KBN	HZ	38	259	IAML		542	58.11		48	0.3					
LSK	HZ	81	222	IP		542	59.540.	.710							1.0
LSK	HZ	81	222	IAML		543	10.02		24	0.6					
LSK	HN	81	222	IS		543	10.02-	.500							1.0
BERA	HZ	108	271	EP		543	3.51-	.040							1.0
BERA	HN	108	271	IS		543	19.03-	.030							1.0
BERA	HZ	108	271	IAML		543	21.26		18	4.8					
IGT	HZ	150	211	IP		543	10.06-	.430							1.0
IGT	HN	150	211	IS		543	31.930.	.310							1.0
IGT	HZ	150	211	IAML		543	37.28		17	1.2					

January 10 2022 Hour: 5:55 36.2 Lat: 40.85N Lon: 21.38E D: 10.6 Ag: TIR Local  
 Magnitudes: 1.9ML TIR 2.6MW TIR Rms: 0.7 secs  
 39 km E of Pustec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	56	210	IP		555	46.800	.480							1.0
NEST	HN	56	210	IS		555	54.39-	.140							1.0
NEST	HZ	56	210	IAML	A	555	55.18			160	0.2				
KBN	HZ	56	244	IP		555	46.510	.160							1.0
KBN	HE	56	244	IS		555	53.87-	.710							1.0
KBN	HZ	56	244	IAML	A	555	55.74			28	0.3				
LSK	HZ	102	221	EP		555	54.01-	.030							1.0
LSK	HN	102	221	ES		556	7.70-	.780							1.0
LSK	HZ	102	221	IAML		556	8.70			15	0.9				
BERA	HZ	122	263	EP		555	56.99-	.300							1.0
BERA	HZ	122	263	IAML		556	20.50			11	0.2				
PHP	HZ	122	320	IP		555	57.08-	.200							1.0
PHP	HN	122	320	IS		556	14.16-	.190							1.0
PHP	HZ	122	320	IAML		556	16.52			13	0.3				
THL	HZ	152	159	EP		556	1.00-	1.34							1.0
SRN	HZ	159	228	EP		556	4.92	1.44							0.9
SRN	HE	159	228	ES		556	26.060	.480							0.9
IGT	HZ	171	212	EP		556	6.83	1.33							0.9
PUK	HZ	182	317	IP		556	6.920	.010							0.9
PUK	HZ	182	317	IAML		556	37.90			4	0.4				

January 10 2022 Hour: 6:03 37.1 Lat: 40.87N Lon: 21.47E D: 11.1 Ag: TIR Local  
 Magnitudes: 1.9ML TIR 2.3MW TIR Rms: 0.8 secs  
 48 km E of Pustec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	62	215	EP		6 0	48.540	.300							1.0
NEST	HN	62	215	ES		6 0	56.93-	.320							1.0
NEST	HZ	62	215	IAML		6 0	58.56			67	0.2				
KBN	HZ	64	245	EP		6 0	48.32-	.210							1.0
KBN	HE	64	245	ES		6 0	58.140	.360							1.0
KBN	HZ	64	245	IAML		6 0	58.59			18	0.2				
LSK	HZ	109	223	EP		6 0	55.89-	.170							1.0
LSK	HN	109	223	ES		6 1	10.75-	.660							1.0
LSK	HZ	109	223	IAML		6 1	11.78			17	0.9				
PHP	HZ	125	317	EP		6 0	58.44-	.210							1.0
PHP	HN	125	317	ES		6 1	15.46-	.630							1.0
PHP	HZ	125	317	IAML		6 1	21.42			7	0.4				
THL	HZ	152	162	EP		6 1	1.84-	1.39							1.0
THL	HE	152	162	ES		6 1	24.860	.470							1.0
SRN	HZ	167	229	EP		6 1	7.64	2.07							0.9
SRN	HE	167	229	ES		6 1	28.45-	.180							0.9
PUK	HZ	185	315	EP		6 1	8.940	.770							0.9

January 10 2022 Hour: 6:18 22.3 Lat: 40.83N Lon: 21.38E D: 11.1 Ag: TIR Local  
 Magnitudes: 1.7ML TIR Rms: 0.7 secs  
 39 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	54	212	EP		618	32.130	.110							1.0
NEST	HN	54	212	ES		618	40.040	.150							1.0
NEST	HZ	54	212	IAML		618	40.35			50	0.2				
KBN	HZ	55	246	EP		618	32.780	.550							1.0
KBN	HN	55	246	ES		618	39.41-	.860							1.0
KBN	HZ	55	246	IAML		618	42.75			12	0.2				
LSK	HZ	100	222	EP		618	40.040	.270							1.0
LSK	HN	100	222	ES		618	53.65-	.270							1.0
LSK	HZ	100	222	IAML		619	2.88			9	0.7				
PHP	HZ	124	321	EP		618	44.060	.390							1.0
PHP	HZ	124	321	IAML		618	59.90			6	1.0				
PHP	HN	124	321	ES		619	0.33-	.660							1.0

THL	HZ	150	159	IP		618	47.55-	.460								1.0
THL	HN	150	159	IS		619	8.09-	.750								1.0
IGT	HZ	169	212	EP		618	52.82	1.60								0.9

**January 10 2022 Hour: 6:25 45.5 Lat: 40.83N Lon: 21.35E D: 10.0F Ag: TIR Local**  
**Magnitudes: 2.1ML TIR 2.6MW TIR Rms: 0.8 secs**  
**43 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	53	209	IP		625	55.02-	.100							1.0
NEST	HZ	53	209	IAML	A	626	3.69		108	0.3					
KBN	HZ	53	245	IP		625	54.73-	.420							1.0
KBN	HN	53	245	IS		626	2.72-	.220							1.0
KBN	HZ	53	245	IAML		626	11.32		31	0.4					
LSK	HZ	99	221	EP		626	3.130.	.320							1.0
LSK	HN	99	221	IS		626	16.05-	.750							1.0
LSK	HZ	99	221	IAML	A	626	29.27		16	0.5					
BERA	HZ	119	264	IAML		626	35.41		15	0.8					
PHP	HZ	122	322	IP		626	5.25-	1.44							1.0
PHP	HN	122	322	IS		626	23.840.	.010							1.0
PHP	HZ	122	322	IAML	A	626	28.05		25	0.7					
THL	HZ	151	158	IP		626	10.61-	.890							1.0
THL	HE	151	158	IS		626	32.810.	.280							1.0
SRN	HZ	156	228	IP		626	13.050.	.790							1.0
SRN	HE	156	228	IS		626	34.540.	.650							1.0
SRN	HZ	156	228	IAML		626	43.50		16	0.7					
IGT	HZ	168	211	EP		626	14.760.	.440							0.9
PUK	HZ	182	318	IP		626	15.89-	.440							0.9
PUK	HE	182	318	IS		626	41.570.	.300							0.9
PUK	HZ	182	318	IAML	A	626	46.05		7	0.6					
BCI	HZ	202	328	IP		626	20.65	1.83							0.9
BCI	HZ	202	328	IAML		627	10.19		15	2.5					

**January 10 2022 Hour: 6:28 12.1 Lat: 40.79N Lon: 21.41E D: 10.2 Ag: TIR Local**  
**Magnitudes: 3.8ML TIR 3.9MW TIR Rms: 0.5 secs**  
**40 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	52	216	EP		628	22.010.	.370							1.0
NEST	HN	52	216	ES		628	29.930.	.560							1.0
NEST	HZ	52	216	IAML		628	30.87		7033	0.2					
KBN	HZ	56	250	EP		628	22.27-	.010							1.0
KBN	HE	56	250	ES		628	29.59-	.930							1.0
KBN	HZ	56	250	IAML	A	628	32.10		4015	0.6					
LSK	HZ	100	224	EP		628	29.20-	.310							1.0
LSK	HE	100	224	ES		628	42.88-	.720							1.0
LSK	HZ	100	224	IAML		628	47.31		1611	0.6					
BERA	HZ	124	266	EP		628	32.97-	.570							1.0
BERA	HE	124	266	ES		628	50.920.	.020							1.0
BERA	HZ	124	266	IAML		628	55.89		22289	0.3					
PHP	HZ	128	321	EP		628	33.27-	.980							1.0
PHP	HN	128	321	ES		628	51.91-	.280							1.0
PHP	HZ	128	321	IAML		628	53.94		710	0.5					
THE	HZ	132	97	EP		628	35.360.	.430							1.0
THE	HE	132	97	ES		628	52.47-	.950							1.0
THE	HZ	132	97	IAML		628	56.25		176	0.6					
TIR	HZ	144	296	EP		628	36.78-	.070							1.0
TIR	HE	144	296	ES		628	57.380.	.490							1.0
TIR	HZ	144	296	IAML		629	3.73		293	0.4					
THL	HZ	146	159	EP		628	37.13-	.050							1.0
THL	HE	146	159	ES		628	57.33-	.170							1.0
BPA1	HN	149	267	ES		628	57.69-	.610							1.0
BPA2	HZ	152	268	EP		628	38.480.	.340							1.0
SRN	HZ	157	230	EP		628	39.990.	.920							1.0
SRN	HN	157	230	ES		629	0.940.	.030							1.0
SRN	HZ	157	230	IAML	A	629	3.21		515	0.6					

VLO	HZ	166	258	EP	628	40.940.370									0.9
VLO	HN	166	258	ES	629	3.31-.320									0.9
VLO	HZ	166	258	IAML	A	629	6.65		985	0.6					
IGT	HZ	168	214	EP	628	41.460.630									0.9
IGT	HE	168	214	ES	629	4.420.320									0.9
IGT	HZ	168	214	IAML		629	7.65		416	0.6					
KEK	HZ	182	229	EP	628	43.390.530									0.9
KEK	HE	182	229	ES	629	7.50-.270									0.9
KEK	HZ	182	229	IAML		629	12.00		479	0.7					
KEK	HZ	182	229	IAML		629	12.36		188	0.1					
PUK	HZ	188	318	EP	628	43.63-.020									0.9
PUK	HN	188	318	ES	629	9.300.090									0.9
PUK	HZ	188	318	IAML	A	629	12.10		384	0.7					
BCI	HZ	208	328	EP	628	46.04-.060									0.9
BCI	HN	208	328	ES	629	14.220.580									0.9
BCI	HZ	208	328	IAML	A	629	23.77		579	0.9					
SDA	HZ	212	312	EP	628	47.310.670									0.9
SDA	HZ	212	312	IAML		629	28.90		370	0.5					
PDG	HZ	255	316	EP	628	52.610.450									0.9
PDG	HZ	255	316	IAML	A	629	35.03		222	0.9					

**January 10 2022 Hour: 7: 0 56.8 Lat: 40.88N Lon: 21.36E D: 2.0F Ag: TIR Local**  
**Magnitudes: 2.7ML TIR 3.2MW TIR Rms: 0.3 secs**

**40 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	56	240	EP		7	1	6.79-.140							1.0
KBN	HE	56	240	ES		7	1	15.200.110							1.0
KBN	HZ	56	240	IAML	A	7	1	16.41		198	0.6				
NEST	HZ	58	207	EP		7	1	7.530.260							1.0
NEST	HE	58	207	ES		7	1	15.880.170							1.0
NEST	HZ	58	207	IAML		7	1	17.39		510	0.3				
LSK	HZ	104	219	EP		7	1	15.470.060							1.0
LSK	HE	104	219	ES		7	1	29.71-.740							1.0
LSK	HZ	104	219	IAML	A	7	1	34.30		140	0.7				
PHP	HZ	118	319	EP		7	1	17.44-.380							1.0
PHP	HZ	118	319	IAML		7	1	37.65		105	0.6				
BERA	HZ	121	261	EP		7	1	18.330.050							1.0
BERA	HE	121	261	ES		7	1	36.260.620							1.0
BERA	HZ	121	261	IAML	A	7	1	45.61		40	0.4				
TIR	HZ	136	293	EP		7	1	20.46-.330							1.0
TIR	HZ	136	293	IAML		7	1	45.35		35	0.7				
THE	HZ	138	101	EP		7	1	21.11-.060							1.0
THE	HN	138	101	ES		7	1	41.290.420							1.0
THE	HZ	138	101	IAML	A	7	1	43.54		37	0.5				
THL	HZ	157	159	EP		7	1	23.62-.600							1.0
SRN	HZ	160	227	EP		7	1	24.74-.140							0.9
SRN	HZ	160	227	IAML	A	7	1	55.54		38	0.6				
IGT	HZ	174	211	EP		7	1	27.210.120							0.9
IGT	HN	174	211	ES		7	1	51.890.310							0.9
IGT	HZ	174	211	IAML	A	7	1	59.82		45	0.9				
PUK	HZ	178	317	EP		7	1	27.84-.010							0.9
PUK	HZ	178	317	IAML	A	7	1	59.89		32	0.5				
BCI	HZ	197	327	EP		7	1	30.520.000							0.9
BCI	HZ	197	327	IAML	A	7	2	5.40		44	0.5				
SDA	HZ	202	310	EP		7	1	31.490.330							0.9
PDG	HZ	245	315	IAML	A	7	2	18.61		20	0.8				

**January 10 2022 Hour: 7:29 24.5 Lat: 40.90N Lon: 21.34E D: 10.6 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.8 secs**

**39 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	56	237	EP		7	29	35.500.920							1.0
KBN	HN	56	237	ES		7	29	43.290.520							1.0
KBN	HZ	56	237	IAML		7	29	44.15		33	0.2				

NEST	HZ	59	205	EP	729	35.460.320									1.0
NEST	HN	59	205	ES	729	43.35-.420									1.0
NEST	HZ	59	205	IAML	729	44.35			120	0.3					
LSK	HZ	104	217	EP	729	42.910.250									1.0
LSK	HN	104	217	ES	729	56.47-.910									1.0
LSK	HZ	104	217	IAML	729	59.25			22	0.8					
PHP	HZ	115	319	EP	729	44.02-.480									1.0
PHP	HN	115	319	ES	729	59.52-1.20									1.0
PHP	HZ	115	319	IAML	730	4.19			11	0.4					
THL	HZ	159	159	EP	729	50.83-.830									0.9
IGT	HZ	174	210	EP	729	54.360.210									0.9
PUK	HZ	176	317	EP	729	56.11 1.73									0.9

**January 10 2022 Hour: 7:43 29.1 Lat: 40.86N Lon: 21.50E D: 6.6 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR Rms: 0.4 secs**

**50 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	62	217	EP		743	40.710.350								1.0
NEST	HN	62	217	ES		743	49.600.140								1.0
NEST	HZ	62	217	IAML		743	50.15			108	0.2				
LSK	HZ	110	224	EP		743	48.17-.300								1.0
LSK	HN	110	224	ES		744	3.56-.570								1.0
LSK	HZ	110	224	IAML		744	5.94			12	0.4				
PHP	HZ	127	316	EP		743	51.09-.270								1.0
PHP	HZ	127	316	IAML		744	11.71			7	0.4				
THL	HZ	151	163	EP		743	55.670.440								1.0
THL	HE	151	163	ES		744	15.79-.570								1.0
IGT	HZ	178	214	EP		743	59.940.200								0.9
IGT	HE	178	214	ES		744	25.180.650								0.9

**January 10 2022 Hour: 8:0 19.3 Lat: 40.86N Lon: 21.44E D: 4.2 Ag: TIR Local**  
**Magnitudes: 2.7ML TIR 3.2MW TIR Rms: 0.4 secs**

**46 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	60	214	EP		8 0	30.430.360								1.0
NEST	HE	60	214	ES		8 0	38.830.060								1.0
NEST	HZ	60	214	IAML	A	8 0	40.76			783	0.2				
KBN	HZ	61	244	EP		8 0	30.670.350								1.0
KBN	HE	61	244	ES		8 0	38.67-.550								1.0
KBN	HZ	61	244	IAML		8 0	41.13			217	0.3				
LSK	HZ	107	222	EP		8 0	38.25-.070								1.0
LSK	HZ	107	222	IAML	A	8 0	54.94			147	0.7				
PHP	HZ	124	318	EP		8 0	40.78-.380								1.0
PHP	HN	124	318	ES		8 0	58.42-.420								1.0
PHP	HZ	124	318	IAML		8 1	1.04			123	0.4				
BERA	HZ	127	262	EP		8 0	40.81-.870								1.0
BERA	HN	127	262	ES		8 0	59.40-.380								1.0
BERA	HZ	127	262	IAML	A	8 1	6.49			68	0.5				
THE	HZ	131	101	EP		8 0	42.910.560								1.0
THE	HN	131	101	ES		8 1	0.51-.490								1.0
THE	HZ	131	101	IAML	A	8 1	4.41			29	0.4				
TIR	HZ	143	293	EP		8 0	44.640.340								1.0
TIR	HE	143	293	ES		8 1	4.550.020								1.0
TIR	HZ	143	293	IAML		8 1	12.56			42	0.9				
THL	HZ	152	161	EP		8 0	45.48-.380								1.0
THL	HE	152	161	ES		8 1	6.86-.480								1.0
SRN	HZ	164	229	EP		8 0	47.940.130								0.9
SRN	HE	164	229	ES		8 1	11.380.500								0.9
SRN	HZ	164	229	IAML		8 1	13.12			29	0.2				
IGT	HZ	175	213	EP		8 0	49.820.090								0.9
IGT	HN	175	213	ES		8 1	14.450.110								0.9
IGT	HZ	175	213	IAML		8 1	21.04			56	0.7				
PUK	HZ	184	316	IP	A	8 0	52.020.900								0.9
PUK	HZ	184	316	IAML	A	8 1	19.78			29	0.5				

KEK	HZ	189	228	EP		8	0	52.210.500									0.9
KEK	HZ	189	228	IAML		8	1	24.56		59	0.2						
BCI	HZ	202	326	EP		8	0	53.830.410									0.9
BCI	HE	202	326	ES		8	1	20.65-.390									0.9
BCI	HZ	202	326	IAML	A	8	1	30.44		53	0.7						
SDA	HZ	209	310	EP		8	0	54.320.120									0.9
SDA	HN	209	310	ES		8	1	22.640.190									0.9
SDA	HZ	209	310	IAML		8	1	27.00		20	0.6						
PDG	HZ	251	314	IAML		8	1	40.81		19	0.2						

**January 10 2022 Hour: 8:15 1.5 Lat: 40.83N Lon: 21.42E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.6ML TIR 3.1MW TIR Rms: 0.3 secs**

**43 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	56	214	EP		815	11.33	-.290							1.0
NEST	HN	56	214	ES		815	19.47	-.360							1.0
NEST	HZ	56	214	IAML	A	815	21.90			681	0.4				
KBN	HZ	59	247	EP		815	12.000	.010							1.0
KBN	HZ	59	247	IAML	A	815	19.92			160	0.4				
LSK	HZ	103	223	EP		815	19.27	-.170							1.0
LSK	HE	103	223	ES		815	33.58	-.400							1.0
LSK	HZ	103	223	IAML	A	815	35.22			137	1.0				
BERA	HZ	125	264	EP		815	23.180	.100							1.0
BERA	HZ	125	264	IAML	A	815	48.97			54	0.7				
PHP	HZ	125	319	EP	*	815	21.52	-1.63							0.0
PHP	HN	125	319	ES		815	38.87	-.200							1.0
PHP	HZ	125	319	IAML	A	815	41.62			69	0.6				
THE	HZ	132	99	EP		815	24.710	.500							1.0
THE	HN	132	99	ES		815	42.29	-.330							1.0
THE	HZ	132	99	IAML		815	44.92			28	0.6				
TIR	HZ	143	294	EP		815	25.71	-.310							1.0
TIR	HE	143	294	ES		815	46.070	.180							1.0
TIR	HZ	143	294	IAML		815	53.20			34	0.4				
THL	HZ	149	160	EP		815	27.220	.110							1.0
THL	HN	149	160	ES		815	47.72	-.140							1.0
SRN	HZ	161	229	EP		815	29.230	.270							0.9
SRN	HN	161	229	ES		815	51.740	.530							0.9
SRN	HZ	161	229	IAML		815	53.27			24	0.3				
IGT	HZ	172	213	EP		815	31.070	.320							0.9
IGT	HZ	172	213	IAML		815	59.96			33	0.5				
KEK	HZ	186	229	EP		815	33.020	.450							0.9
KEK	HZ	186	229	IAML		816	5.30			28	0.4				
PUK	HZ	186	317	EP		815	32.51	-.100							0.9
PUK	HZ	186	317	IAML	A	816	4.45			17	0.4				
BCI	HZ	205	327	EP		815	34.48	-.510							0.9
BCI	HZ	205	327	IAML		816	5.05			25	0.4				
SDA	HZ	210	311	EP		815	35.940	.300							0.9
PDG	HZ	253	315	EP		815	41.08	-.050							0.9
PDG	HZ	253	315	IAML		816	19.11			14	0.7				

**January 10 2022 Hour: 8:20 33.6 Lat: 40.88N Lon: 21.44E D: 1.9 Ag: TIR Local**  
**Magnitudes: 2.6ML TIR 3.1MW TIR Rms: 0.3 secs**

**46 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	61	212	EP		820	44.940	.440							1.0
NEST	HE	61	212	ES		820	53.35	-.010							1.0
NEST	HZ	61	212	IAML		820	54.15			509	0.2				
KBN	HZ	62	243	EP		820	44.930	.330							1.0
KBN	HE	62	243	ES		820	53.36	-.180							1.0
KBN	HZ	62	243	IAML		820	53.55			80	0.2				
LSK	HZ	108	221	EP		820	52.73	-.080							1.0
LSK	HZ	108	221	IAML		821	8.78			123	0.6				
PHP	HZ	122	317	EP		820	55.280	.020							1.0
PHP	HN	122	317	ES		821	12.78	-.060							1.0



PHP	HZ	122	317	IAML	A	821	14.94		55	0.6						
BERA	HZ	127	262	EP		820	55.49-.540									1.0
BERA	HE	127	262	ES		821	14.310.090									1.0
BERA	HZ	127	262	IAML	A	821	22.16		44	0.4						
THL	HZ	154	161	EP		821	0.35-.200									1.0
SRN	HZ	165	228	EP		821	2.350.010									0.9
SRN	HN	165	228	ES		821	25.780.140									0.9
SRN	HZ	165	228	IAML		821	30.97		31	0.6						
IGT	HZ	177	212	EP		821	4.04-.280									0.9
PUK	HZ	182	316	EP		821	5.11-.210									0.9
PUK	HZ	182	316	IAML	A	821	37.75		13	0.5						
BCI	HZ	201	326	EP		821	7.770.060									0.9
BCI	HZ	201	326	IAML		821	41.76		22	0.4						
SDA	HZ	207	309	EP		821	9.010.480									0.9

**January 10 2022 Hour: 8:26 21.1 Lat: 40.85N Lon: 21.43E D: 3.6 Ag: TIR Local**  
**Magnitudes: 2.7ML TIR 3.2MW TIR Rms: 0.5 secs**

**44 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	58	214	EP		826	31.810.310								1.0
NEST	HE	58	214	ES		826	40.020.100								1.0
NEST	HZ	58	214	IAML		826	42.44		298	0.2					
KBN	HZ	60	245	EP		826	32.130.340								1.0
KBN	HE	60	245	ES		826	39.67-.790								1.0
KBN	HZ	60	245	IAML		826	40.60		161	0.3					
LSK	HZ	105	222	EP		826	39.900.080								1.0
LSK	HE	105	222	ES		826	54.67-.310								1.0
LSK	HZ	105	222	IAML		826	59.03		113	0.5					
PHP	HZ	124	319	EP		826	41.73-1.31								1.0
PHP	HZ	124	319	IAML		827	2.44		64	0.1					
BERA	HZ	126	263	EP		826	43.460.180								1.0
BERA	HE	126	263	ES		827	1.950.700								1.0
BERA	HZ	126	263	IAML		827	12.01		56	0.5					
BERA	HZ	126	263	IAML	A	827	12.35		60	1.5					
THE	HZ	132	100	EP		826	44.920.650								1.0
THE	HZ	132	100	IAML	A	827	4.63		20	0.4					
THL	HZ	151	161	EP		826	47.04-.430								1.0
THL	HN	151	161	ES		827	8.23-.610								1.0
SRN	HZ	162	229	EP		826	49.830.510								0.9
SRN	HE	162	229	ES		827	12.540.360								0.9
SRN	HZ	162	229	IAML		827	17.37		30	0.5					
IGT	HZ	174	213	EP		826	51.880.660								0.9
IGT	HE	174	213	ES		827	15.06-.560								0.9
IGT	HZ	174	213	IAML		827	20.01		37	0.7					
PUK	HZ	184	316	EP		826	52.93-.080								0.9
PUK	HZ	184	316	IAML	A	827	25.41		22	0.5					
KEK	HZ	188	228	EP		826	53.540.220								0.9
KEK	HZ	188	228	IAML		827	24.52		49	0.7					
BCI	HZ	203	326	EP		826	55.500.150								0.9
BCI	HZ	203	326	IAML	A	827	33.57		43	1.3					
SDA	HZ	209	310	EP		826	56.200.130								0.9
SDA	HZ	209	310	IAML		827	28.18		18	0.5					
PDG	HZ	252	315	EP		827	1.30-.240								0.9
PDG	HZ	252	315	IAML		827	38.38		17	0.6					

**January 10 2022 Hour: 8:34 55.2 Lat: 39.32N Lon: 21.40E D: 2.0F Ag: TIR Local**  
**Magnitudes: 2.9ML TIR 3.5MW TIR Rms: 0.5 secs**

**111 km E of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THL	HZ	60	63	EP		835	5.73-.090								1.0
THL	HE	60	63	ES		835	14.35-.100								1.0
LKD2	HZ	87	228	EP		835	10.980.260								1.0
IGT	HZ	95	285	EP		835	11.73-.370								1.0
IGT	HE	95	285	ES		835	24.98-.830								1.0

IGT	HZ	95	285	IAML	A	835	28.34		180	0.3				
LSK	HZ	115	324	EP		835	14.69-.980							1.0
LSK	HN	115	324	ES		835	31.76-.510							1.0
LSK	HZ	115	324	IAML	A	835	35.12		139	0.6				
NEST	HZ	125	346	EP		835	17.27-.130							1.0
NEST	HE	125	346	ES		835	35.870.460							1.0
NEST	HZ	125	346	IAML		835	37.88		213	0.3				
SRN	HZ	135	298	EP		835	19.460.470							1.0
SRN	HN	135	298	ES		835	38.440.140							1.0
SRN	HZ	135	298	IAML	A	835	46.73		73	0.6				
KEK	HZ	144	288	EP		835	20.820.290							1.0
KEK	HN	144	288	ES		835	41.460.390							1.0
KEK	HZ	144	288	IAML	A	835	44.62		302	0.7				
BERA	HZ	197	322	EP		835	28.950.130							0.9
BERA	HE	197	322	ES		835	56.970.890							0.9
BERA	HZ	197	322	IAML		836	3.78		51	0.6				
THE	HZ	198	42	EP		835	28.61-.290							0.9
THE	HZ	198	42	IAML		835	58.75		19	0.4				
PHP	HZ	275	343	EP		835	39.340.490							0.8
PHP	HZ	275	343	IAML		836	21.83		20	1.0				
PUK	HZ	328	338	EP		835	45.780.080							0.8
PUK	HZ	328	338	IAML		836	25.18		10	0.8				
BCI	HZ	357	342	EP		835	49.360.060							0.8

**January 10 2022 Hour: 8:41 11.9 Lat: 40.11N Lon: 19.91E D: 12.6 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 3.0MW TIR Rms: 0.3 secs**  
**13 km E of Himare**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	27	162	EP		841	16.79-.330								1.0
SRN	HE	27	162	ES		841	21.500.130								1.0
SRN	HZ	27	162	IAML		841	22.67		288	0.3					
KEK	HZ	45	192	EP		841	19.66-.460								1.0
KEK	HE	45	192	ES		841	26.850.040								1.0
KEK	HZ	45	192	IAML		841	28.19		260	0.3					
VLO	HZ	53	319	EP		841	21.870.470								1.0
VLO	HN	53	319	ES		841	29.400.280								1.0
VLO	HZ	53	319	IAML		841	32.89		178	0.2					
LSK	HZ	59	86	EP		841	22.23-.280								1.0
LSK	HN	59	86	ES		841	30.95-.190								1.0
LSK	HZ	59	86	IAML		841	35.19		99	0.5					
BERA	HZ	66	3	EP		841	23.17-.380								1.0
BERA	HN	66	3	ES		841	32.88-.140								1.0
BERA	HZ	66	3	IAML		841	35.03		125	0.4					
IGT	HZ	74	150	EP		841	24.950.040								1.0
IGT	HE	74	150	ES		841	35.760.280								1.0
IGT	HZ	74	150	IAML		841	40.82		50	0.4					
KBN	HZ	94	52	IAML		841	49.65		45	0.6					
NEST	HZ	103	71	EP		841	30.050.250								1.0
NEST	HN	103	71	ES		841	44.600.280								1.0
NEST	HZ	103	71	IAML		841	49.60		51	0.3					
TIR	HZ	137	359	EP		841	35.640.150								1.0
TIR	HE	137	359	ES		841	54.55-.070								1.0
TIR	HZ	137	359	IAML		841	57.86		21	0.6					
LKD2	HZ	160	156	EP		841	39.31-.030								0.9
PHP	HZ	181	14	EP		841	42.560.400								0.9
PHP	HZ	181	14	IAML		842	10.78		19	0.9					
THL	HZ	190	108	EP		841	43.710.360								0.9
PUK	HZ	215	360	EP		841	45.70-.850								0.9
PUK	HZ	215	360	IAML	A	842	18.45		8	0.3					

January 10 2022 Hour: 9:5 0.6 Lat: 39.38N Lon: 20.51E D: 10.9 Ag: TIR Local  
 Magnitudes: 1.7ML 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	319	EP		9	5	5.10-.070							1.0
IGT	HE	23	319	ES		9	5	8.920.070							1.0
IGT	HZ	23	319	IAML		9	5	9.19		44	0.1				
SRN	HZ	71	322	EP		9	5	13.310.180							1.0
SRN	HE	71	322	ES		9	5	22.89-.360							1.0
KEK	HZ	71	302	EP		9	5	13.18-.080							1.0
KEK	HN	71	302	ES		9	5	23.750.270							1.0
KEK	HZ	71	302	IAML		9	5	28.60		32	0.4				
LSK	HZ	86	5	EP		9	5	15.27-.470							1.0
LSK	HE	86	5	ES		9	5	28.170.180							1.0
LSK	HZ	86	5	IAML		9	5	31.71		12	0.6				
NEST	HZ	124	22	EP		9	5	22.380.290							1.0

January 10 2022 Hour: 9:11 57.5 Lat: 40.86N Lon: 21.44E D: 5.1 Ag: TIR Local  
 Magnitudes: 2.2ML TIR 2.8MW TIR Rms: 0.3 secs  
 46 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	60	214	EP		9	12	8.480.240							1.0
NEST	HN	60	214	ES		9	12	16.85-.080							1.0
NEST	HZ	60	214	IAML		9	12	19.44		155	0.2				
KBN	HZ	61	245	EP		9	12	8.51-.030							1.0
KBN	HN	61	245	ES		9	12	17.36-.100							1.0
KBN	HZ	61	245	IAML		9	12	18.04		58	0.0				
LSK	HZ	107	223	EP		9	12	16.29-.140							1.0
LSK	HN	107	223	ES		9	12	30.78-.970							1.0
LSK	HZ	107	223	IAML	A	9	12	32.16		26	0.5				
PHP	HZ	124	318	EP		9	12	18.99-.380							1.0
PHP	HN	124	318	ES		9	12	37.01-.060							1.0
PHP	HZ	124	318	IAML	A	9	12	40.15		23	0.8				
PHP	HZ	124	318	IAML		9	12	40.31		20	0.4				
BERA	HZ	127	263	EP		9	12	20.140.290							1.0
BERA	HN	127	263	ES		9	12	38.390.450							1.0
THL	HZ	152	161	EP		9	12	23.87-.040							1.0
THL	HN	152	161	ES		9	12	45.27-.010							1.0
SRN	HZ	164	229	EP		9	12	26.230.300							0.9
SRN	HE	164	229	ES		9	12	49.010.060							0.9
SRN	HZ	164	229	IAML		9	12	56.19		27	0.7				
IGT	HZ	175	213	EP		9	12	27.850.030							0.9
IGT	HN	175	213	ES		9	12	52.630.260							0.9
IGT	HZ	175	213	IAML		9	12	55.14		21	0.7				
PUK	HZ	185	316	EP		9	12	29.01-.250							0.9
PUK	HZ	185	316	IAML	A	9	12	59.58		11	0.7				
KEK	HZ	189	228	EP		9	12	30.320.540							0.9

January 10 2022 Hour: 9:32 36.7 Lat: 40.78N Lon: 21.39E D: 13.2 Ag: TIR Local  
 Magnitudes: 2.4ML TIR 3.0MW TIR Rms: 0.3 secs  
 38 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	50	216	EP		9	32	46.230.410							1.0
NEST	HE	50	216	ES		9	32	53.14-.050							1.0
NEST	HZ	50	216	IAML		9	32	54.63		290	0.1				
KBN	HZ	54	252	EP		9	32	46.500.000							1.0
KBN	HE	54	252	ES		9	32	53.58-.840							1.0
KBN	HZ	54	252	IAML		9	32	56.37		74	0.2				
LSK	HZ	97	224	EP		9	32	53.770.110							1.0
LSK	HE	97	224	ES		9	33	7.21-.180							1.0
LSK	HZ	97	224	IAML		9	33	10.29		45	0.3				
BERA	HZ	122	267	EP		9	32	58.170.360							1.0
BERA	HE	122	267	ES		9	33	15.100.200							1.0

BERA	HZ	122	267	IAML	933	20.68			25	0.4					
PHP	HZ	128	322	EP	932	58.66-	.220								1.0
PHP	HN	128	322	ES	933	16.69-	.140								1.0
PHP	HZ	128	322	IAML A	933	17.83			30	0.8					
THL	HZ	145	158	EP	933	1.560	.010								1.0
THL	HN	145	158	ES	933	21.25-	.430								1.0
SRN	HZ	155	230	EP	933	3.790	.560								1.0
SRN	HN	155	230	ES	933	25.050	.340								1.0
SRN	HZ	155	230	IAML	933	27.43			25	0.5					
IGT	HZ	165	214	EP	933	4.93-	.000								0.9
IGT	HE	165	214	ES	933	27.860	.060								0.9
IGT	HZ	165	214	IAML	933	30.05			30	0.7					
KEK	HE	180	229	ES	933	31.07-	.150								0.9
KEK	HZ	180	229	IAML	933	34.44			34	0.6					
PUK	HZ	188	319	IAML A	933	37.07			5	0.7					
BCI	HZ	208	328	IAML	933	43.97			18	0.7					

**January 10 2022 Hour: 9:40 13.8 Lat: 40.86N Lon: 21.40E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.3 secs**

**42 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	58	211	EP		940	24.390	.190							1.0
NEST	HN	58	211	ES		940	32.960	.360							1.0
NEST	HZ	58	211	IAML		940	33.81			91	0.2				
KBN	HZ	58	243	EP		940	24.380	.170							1.0
KBN	HN	58	243	ES		940	32.51-	.100							1.0
KBN	HZ	58	243	IAML		940	34.75			39	0.2				
LSK	HZ	104	221	EP		940	32.380	.460							1.0
LSK	HN	104	221	ES		940	45.95-	.610							1.0
PHP	HZ	121	319	EP		940	34.71-	.120							1.0
PHP	HZ	121	319	IAML		940	55.35			7	0.3				
THL	HZ	153	160	EP		940	39.71-	.380							1.0
THL	HZ	153	160	E		940	39.71								
SRN	HZ	161	228	EP		940	41.19-	.170							0.9
IGT	HZ	173	212	EP		940	43.460	.170							0.9

**January 10 2022 Hour: 9:52 19.6 Lat: 40.87N Lon: 21.42E D: 3.2 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR 2.7MW TIR Rms: 0.3 secs**

**44 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	60	212	EP		952	30.560	.290							1.0
NEST	HN	60	212	ES		952	38.90-	.040							1.0
NEST	HZ	60	212	IAML		952	39.41			106	0.2				
KBN	HZ	60	243	EP		952	30.580	.190							1.0
KBN	HE	60	243	ES		952	38.71-	.440							1.0
KBN	HZ	60	243	IAML		952	41.18			40	0.2				
LSK	HZ	106	221	EP		952	38.49-	.070							1.0
PHP	HZ	122	318	EP		952	41.15-	.080							1.0
PHP	HN	122	318	ES		952	58.49-	.270							1.0
PHP	HZ	122	318	IAML A		953	1.06			18	0.5				
THL	HZ	153	161	EP		952	45.80-	.550							1.0
SRN	HZ	163	228	EP		952	48.220	.190							0.9
SRN	HE	163	228	ES		953	11.250	.170							0.9
IGT	HZ	175	212	EP		952	50.260	.250							0.9
PUK	HZ	183	316	EP		952	51.700	.420							0.9

**January 10 2022 Hour: 10:9 23.5 Lat: 40.77N Lon: 21.43E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.6ML TIR 3.2MW TIR Rms: 0.5 secs**

**40 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	51	220	EP		10 9	32.67-	.050							1.0
NEST	HN	51	220	ES		10 9	39.67-	.540							1.0
NEST	HZ	51	220	IAML A		10 9	40.96			692	0.6				
KBN	HZ	57	254	EP		10 9	33.54-	.130							1.0

KBN	HZ	57	254	IAML	10	9	42.90			96	0.3					
LSK	HZ	99	226	EP	10	9	40.14	-.510								1.0
LSK	HZ	99	226	IAML	10	9	54.90			96	0.6					
BERA	HZ	125	267	EP	10	9	46.44	1.37								1.0
BERA	HN	125	267	ES	10	10	1.75	-.810								1.0
BERA	HZ	125	267	IAML	10	10	6.22			52	0.3					
PHP	HZ	131	321	EP	10	9	45.81	-.280								1.0
PHP	HZ	131	321	IAML	10	10	4.24			40	0.7					
THE	HZ	131	96	EP	10	9	46.060	.130								1.0
THE	HE	131	96	ES	10	10	3.99	-.150								1.0
THL	HZ	143	159	EP	10	9	48.020	.070								1.0
THL	HN	143	159	ES	10	10	7.32	-.460								1.0
SRN	HZ	157	231	EP	10	9	50.26	-.000								1.0
SRN	HN	157	231	ES	10	10	11.980	.010								1.0
SRN	HZ	157	231	IAML	10	10	13.77			28	0.6					
IGT	HZ	166	215	EP	10	9	52.490	.620								0.9
IGT	HN	166	215	ES	10	10	15.390	.510								0.9
IGT	HZ	166	215	IAML	10	10	16.25			59	0.6					
KEK	HZ	182	230	EP	10	9	54.750	.740								0.9
KEK	HZ	182	230	IAML	10	10	22.01			46	0.8					
PUK	HZ	191	318	EP	10	9	55.23	-.080								0.9
PUK	HZ	191	318	IAML	10	10	22.72			19	0.6					
BCI	HZ	211	328	EP	10	9	57.47	-.300								0.9
BCI	HZ	211	328	IAML	10	10	34.73			38	0.7					

**January 10 2022 Hour: 10:25 55.7 Lat: 40.84N Lon: 21.47E D: 7.6 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR 2.6MW TIR Rms: 0.3 secs**

**46 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	59	217	EP		1026	6.850	.490							1.0
NEST	HN	59	217	ES		1026	14.88	-.100							1.0
NEST	HZ	59	217	IAML		1026	16.05			191	0.2				
KBN	HZ	62	248	EP		1026	6.88	-.080							1.0
KBN	HE	62	248	ES		1026	15.68	-.390							1.0
KBN	HZ	62	248	IAML		1026	16.69			60	0.2				
LSK	HZ	106	224	EP		1026	14.990	.570							1.0
LSK	HE	106	224	ES		1026	29.41	-.150							1.0
LSK	HZ	106	224	IAML		1026	31.31			39	0.3				
PHP	HZ	128	318	EP		1026	17.87	-.100							1.0
PHP	HN	128	318	ES		1026	35.90	-.090							1.0
PHP	HZ	128	318	IAML		1026	37.39			11	0.3				
BERA	HZ	129	264	EP		1026	18.270	.070							1.0
THL	HZ	149	162	EP		1026	20.75	-.680							1.0
THL	HE	149	162	ES		1026	42.260	.000							1.0
SRN	HZ	164	230	EP		1026	24.490	.510							0.9
SRN	HE	164	230	ES		1026	46.80	-.060							0.9
IGT	HZ	174	214	IAML		1026	54.67			14	0.4				

**January 10 2022 Hour: 10:29 39.9 Lat: 40.87N Lon: 21.39E D: 7.6 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR Rms: 0.8 secs**

**41 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	58	242	EP		1029	50.990	.720							1.0
KBN	HN	58	242	ES		1029	57.94	-.740							1.0
KBN	HZ	58	242	IAML		1029	58.83			40	0.2				
NEST	HZ	58	210	EP		1029	50.740	.370							1.0
NEST	HN	58	210	ES		1029	58.60	-.260							1.0
NEST	HZ	58	210	IAML		1030	0.47			119	0.2				
LSK	HZ	104	220	EP		1029	58.400	.170							1.0
LSK	HN	104	220	ES		1030	12.76	-.340							1.0
PHP	HZ	120	319	EP		1029	59.55	-1.35							1.0
PHP	HN	120	319	ES		1030	18.360	.430							1.0
THL	HZ	154	160	EP		1030	6.09	-.460							1.0
THL	HE	154	160	ES		1030	27.99	-.160							1.0

SRN	HZ	161	227	EP		1030	9.53	1.88									0.9
SRN	HE	161	227	ES		1030	29.96	-.190									0.9

**January 10 2022 Hour: 10:32 36.7 Lat: 40.88N Lon: 21.43E D: 3.3 Ag: TIR Local**  
**Magnitudes: 2.5ML TIR 3.0MW TIR Rms: 0.4 secs**  
**46 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	62	212	EP		1032	48.240	.520							1.0
NEST	HN	62	212	ES		1032	56.780	.130							1.0
NEST	HZ	62	212	IAML		1032	57.37			315	0.3				
KBN	HZ	62	242	EP		1032	47.910	.130							1.0
KBN	HN	62	242	ES		1032	55.95	-.800							1.0
KBN	HZ	62	242	IAML		1032	57.04			60	0.2				
LSK	HZ	108	221	EP		1032	55.88	-.090							1.0
LSK	HZ	108	221	IAML		1033	12.20			48	0.4				
PHP	HZ	122	317	EP		1032	58.06	-.180							1.0
PHP	HN	122	317	ES		1033	15.09	-.590							1.0
BERA	HZ	127	261	EP		1032	59.120	.050							1.0
BERA	HN	127	261	ES		1033	17.730	.540							1.0
BERA	HZ	127	261	IAML		1033	22.06			23	0.2				
THL	HZ	155	161	EP		1033	3.720	.040							1.0
THL	HN	155	161	ES		1033	25.08	-.450							1.0
SRN	HZ	165	228	EP		1033	6.120	.690							0.9
IGT	HZ	177	212	EP		1033	6.90	-.530							0.9
IGT	HN	177	212	ES		1033	32.330	.010							0.9
IGT	HZ	177	212	IAML		1033	37.76			23	0.8				
PUK	HZ	182	315	EP		1033	8.560	.260							0.9
PUK	HZ	182	315	IAML	A	1033	41.17			14	0.4				
BCI	HZ	200	326	EP		1033	10.950	.340							0.9
BCI	HZ	200	326	IAML	A	1033	46.81			27	0.5				

**January 10 2022 Hour: 11: 8 13.4 Lat: 40.77N Lon: 21.36E D: 21.8 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.3 secs**  
**36 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	47	214	EP		11 8	22.570	.070							1.0
NEST	HN	47	214	ES		11 8	29.83	-.020							1.0
NEST	HZ	47	214	IAML		11 8	30.44			97	0.1				
KBN	HZ	51	252	EP		11 8	23.430	.410							1.0
KBN	HN	51	252	ES		11 8	30.30	-.510							1.0
KBN	HZ	51	252	IAML		11 8	32.15			48	0.2				
LSK	HZ	94	223	EP		11 8	30.090	.030							1.0
LSK	HN	94	223	ES		11 8	43.790	.250							1.0
LSK	HZ	94	223	IAML		11 8	45.48			13	0.4				
THL	HZ	145	157	EP		11 8	37.74	-.230							1.0
THL	HN	145	157	ES		11 8	57.83	-.030							1.0

**January 10 2022 Hour: 11:41 36.4 Lat: 40.83N Lon: 21.36E D: 7.8 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR Rms: 0.5 secs**  
**38 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	53	210	EP		1141	46.700	.700							1.0
NEST	HN	53	210	ES		1141	53.75	-.060							1.0
NEST	HZ	53	210	IAML		1141	54.95			163	0.2				
KBN	HZ	54	245	EP		1141	45.81	-.230							1.0
KBN	HE	54	245	ES		1141	53.59	-.290							1.0
KBN	HZ	54	245	IAML		1141	56.70			39	0.2				
LSK	HZ	99	221	EP		1141	53.35	-.550							1.0
LSK	HE	99	221	ES		1142	7.40	-.710							1.0
LSK	HZ	99	221	IAML		1142	10.66			23	0.3				
THL	HZ	151	158	EP		1142	2.16	-.350							1.0
SRN	HZ	156	228	EP		1142	4.070	.720							1.0
SRN	HE	156	228	ES		1142	25.850	.650							1.0
IGT	HE	169	212	ES		1142	29.170	.240							0.9

IGT HZ 169 212 IAML 1142 30.37 18 0.6

**January 10 2022 Hour: 11:47 3.9 Lat: 40.81N Lon: 21.46E D: 5.0F Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 2.8MW TIR Rms: 0.5 secs**

**44 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	56	218	EP		1147	13.77	-.130							1.0
NEST	HN	56	218	ES		1147	21.30	-.730							1.0
NEST	HZ	56	218	IAML	A	1147	22.47			181	0.4				
KBN	HZ	60	250	EP		1147	14.76	0.080							1.0
LSK	HZ	103	225	EP		1147	22.53	0.300							1.0
LSK	HN	103	225	ES		1147	36.44	-.680							1.0
LSK	HZ	103	225	IAML	A	1147	39.42			34	0.7				
PHP	HZ	129	319	EP		1147	26.52	-.020							1.0
THL	HZ	146	161	EP		1147	28.65	-.650							1.0
THL	HN	146	161	ES		1147	50.43	0.520							1.0
SRN	HZ	161	231	EP		1147	32.30	0.480							0.9
SRN	HN	161	231	ES		1147	55.22	0.750							0.9
IGT	HZ	171	214	EP		1147	33.11	-.390							0.9
IGT	HN	171	214	ES		1147	58.11	0.610							0.9

**January 10 2022 Hour: 12:10 56.6 Lat: 40.82N Lon: 21.41E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR 2.5MW TIR Rms: 0.7 secs**

**39 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	55	214	EP		1211	6.44	0.030							1.0
NEST	HE	55	214	ES		1211	13.97	-.410							1.0
NEST	HZ	55	214	IAML		1211	14.76			320	0.2				
KBN	HZ	57	248	EP		1211	7.70	0.880							1.0
KBN	HN	57	248	ES		1211	14.63	-.500							1.0
KBN	HZ	57	248	IAML	A	1211	16.57			60	0.2				
LSK	HZ	101	223	EP		1211	14.63	0.410							1.0
LSK	HE	101	223	ES		1211	28.37	-.160							1.0
LSK	HZ	101	223	IAML		1211	31.48			27	0.1				
PHP	HZ	126	320	EP		1211	18.89	0.610							1.0
PHP	HN	126	320	ES		1211	34.61	-1.26							1.0
PHP	HZ	126	320	IAML	A	1211	39.10			13	0.8				
THL	HZ	149	160	EP		1211	22.43	0.410							1.0
THL	HN	149	160	ES		1211	41.44	-1.21							1.0
SRN	HZ	159	229	EP		1211	24.34	0.590							0.9
SRN	HN	159	229	ES		1211	45.95	0.170							0.9
IGT	HZ	170	213	EP		1211	26.08	0.480							0.9

**January 10 2022 Hour: 12:14 32.1 Lat: 41.98N Lon: 20.94E D: 27.1 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR Rms: 0.3 secs**

**43 km E of Kukës**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	53	231	EP		1214	42.92	0.690							1.0
PHP	HN	53	231	ES		1214	50.02	-.430							1.0
PHP	HZ	53	231	IAML		1214	51.24			58	0.2				
BCI	HZ	84	301	EP		1214	46.36	-.580							1.0
BCI	HN	84	301	ES		1214	59.02	0.040							1.0
BCI	HZ	84	301	IAML		1215	0.61			136	0.4				
PUK	HZ	87	275	EP		1214	47.47	-.010							1.0
PUK	HN	87	275	ES		1214	59.77	-.180							1.0
PUK	HZ	87	275	IAML		1215	0.45			38	0.1				
SDA	HZ	119	274	EP		1214	52.82	0.320							1.0
SDA	HN	119	274	ES		1215	9.30	0.260							1.0
PDG	HZ	147	290	EP		1214	56.70	0.180							1.0
PDG	HN	147	290	ES		1215	16.25	-.060							1.0
PDG	HZ	147	290	IAML		1215	18.03			28	0.4				
NEST	HZ	174	177	EP		1214	59.90	-.230							0.9

January 10 2022 Hour: 13:16 44.4 Lat: 40.86N Lon: 21.35E D: 16.9 Ag: TIR Local  
 Magnitudes: 2.4ML TIR 2.6MW TIR Rms: 0.3 secs  
 38 km E of Pustec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	54	241	EP		1316	54.510	.220							1.0
KBN	HN	54	241	ES		1317	1.83	-.470							1.0
NEST	HZ	56	207	EP		1316	54.810	.260							1.0
NEST	HE	56	207	ES		1317	2.890	.110							1.0
NEST	HZ	56	207	IAML	A	1317	3.68			144	0.2				
NEST	HZ	56	207	IAML		1317	3.78			174	0.2				
LSK	HZ	101	219	EP		1317	2.01	-.090							1.0
LSK	HE	101	219	ES		1317	16.470	.050							1.0
LSK	HZ	101	219	IAML		1317	19.14			29	0.4				
PHP	HZ	119	321	EP		1317	5.010	.010							1.0
PHP	HZ	119	321	IAML		1317	24.27			12	0.1				
THL	HZ	155	158	EP		1317	10.34	-.410							1.0
SRN	HZ	158	227	EP		1317	11.610	.360							0.9
PUK	HZ	179	318	EP		1317	14.01	-.040							0.9

January 10 2022 Hour: 13:28 38.8 Lat: 39.67N Lon: 20.60E D: 18.6 Ag: TIR Local  
 Magnitudes: 1.7ML TIR 2.3MW TIR Rms: 0.3 secs  
 35 km E of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	27	237	EP		1328	44.670	.070							1.0
IGT	HE	27	237	ES		1328	49.19	-.100							1.0
IGT	HZ	27	237	IAML		1328	50.26			45	0.2				
LSK	HZ	54	360	EP		1328	48.67	-.020							1.0
SRN	HZ	57	295	EP		1328	48.37	-.730							1.0
SRN	HN	57	295	ES		1328	57.760	.340							1.0
SRN	HZ	57	295	IAML		1328	58.37			14	0.6				
KEK	HZ	69	274	EP		1328	51.01	-.130							1.0
KEK	HN	69	274	ES		1329	1.420	.300							1.0
KEK	HZ	69	274	IAML		1329	6.95			37	0.5				
THL	HZ	122	95	EP		1329	0.230	.310							1.0
THL	HN	122	95	ES		1329	16.97	-.040							1.0

January 10 2022 Hour: 14: 3 53.9 Lat: 40.78N Lon: 21.45E D: 5.4 Ag: TIR Local  
 Magnitudes: 2.5ML TIR 3.1MW TIR Rms: 0.3 secs  
 42 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	53	220	EP		14 4	3.440	.050							1.0
NEST	HN	53	220	ES		14 4	10.72	-.340							1.0
NEST	HZ	53	220	IAML		14 4	12.65			213	0.2				
KBN	HZ	59	253	EP		14 4	4.570	.140							1.0
KBN	HZ	59	253	IAML	A	14 4	16.07			65	0.5				
LSK	HZ	100	226	EP		14 4	11.820	.060							1.0
LSK	HN	100	226	ES		14 4	26.14	-.070							1.0
LSK	HZ	100	226	IAML		14 4	28.93			113	0.6				
PHP	HZ	132	320	EP		14 4	16.65	-.310							1.0
PHP	HN	132	320	ES		14 4	35.55	-.070							1.0
PHP	HZ	132	320	IAML		14 4	37.94			38	0.7				
THL	HZ	143	160	EP		14 4	18.52	-.290							1.0
SRN	HZ	158	232	EP		14 4	21.640	.260							0.9
SRN	HN	158	232	ES		14 4	43.62	-.010							0.9
SRN	HZ	158	232	IAML		14 4	51.19			30	0.8				
IGT	HZ	168	215	EP		14 4	23.810	.840							0.9
IGT	HN	168	215	ES		14 4	46.47	-.030							0.9
IGT	HZ	168	215	IAML		14 4	49.08			26	0.5				
KEK	HZ	184	230	EP		14 4	24.95	-.460							0.9
KEK	HZ	184	230	IAML		14 5	0.14			42	0.6				
PUK	HZ	192	318	EP		14 4	26.790	.270							0.9



January 10 2022 Hour: 14: 6 11.7 Lat: 40.75N Lon: 21.40E D: 6.0 Ag: TIR Local  
 Magnitudes: 2.6ML TIR 3.1MW TIR Rms: 0.6 secs  
 37 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	48	219	EP		14	6	21.100.830							1.0
NEST	HE	48	219	ES		14	6	27.530.280							1.0
NEST	HZ	48	219	IAML		14	6	29.35		573	0.2				
KBN	HZ	54	255	EP		14	6	20.44-.910							1.0
KBN	HE	54	255	ES		14	6	28.37-.820							1.0
KBN	HZ	54	255	IAML	A	14	6	30.19		71	0.2				
LSK	HZ	95	226	EP		14	6	28.39-.240							1.0
LSK	HE	95	226	ES		14	6	42.02-.360							1.0
LSK	HZ	95	226	IAML		14	6	45.04		78	0.4				
BERA	HZ	123	268	EP		14	6	35.03 1.86							1.0
BERA	HN	123	268	ES		14	6	50.28-.320							1.0
BERA	HZ	123	268	IAML		14	6	55.34		46	0.4				
PHP	HZ	131	322	EP		14	6	34.40-.240							1.0
PHP	HZ	131	322	IAML	A	14	6	52.53		46	0.8				
PHP	HZ	131	322	IAML		14	6	52.54		52	0.8				
THL	HZ	142	158	EP		14	6	36.08-.200							1.0
THL	HN	142	158	ES		14	6	55.77-.450							1.0
SRN	HZ	153	231	EP		14	6	38.340.090							1.0
SRN	HE	153	231	ES		14	7	0.390.600							1.0
SRN	HZ	153	231	IAML		14	7	2.16		34	0.4				
IGT	HZ	163	214	EP		14	6	40.410.540							0.9
IGT	HE	163	214	ES		14	7	2.60-.130							0.9
IGT	HZ	163	214	IAML	A	14	7	4.47		49	0.7				
KEK	HZ	179	230	EP		14	6	42.10-.340							0.9
KEK	HZ	179	230	IAML		14	7	10.40		40	0.6				
PUK	HZ	191	319	EP		14	6	43.82-.320							0.9
PUK	HZ	191	319	IAML	A	14	7	11.82		13	0.8				
BCI	HZ	211	329	EP		14	6	46.850.180							0.9

January 10 2022 Hour: 14: 7 20.4 Lat: 40.79N Lon: 21.46E D: 4.4 Ag: TIR Local  
 Magnitudes: 2.5ML TIR 3.2MW TIR Rms: 0.3 secs  
 43 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	54	220	EP		14	7	30.230.060							1.0
NEST	HN	54	220	ES		14	7	37.73-.330							1.0
NEST	HZ	54	220	IAML		14	7	38.74		298	0.3				
KBN	HZ	60	252	EP		14	7	31.910.810							1.0
KBN	HE	60	252	ES		14	7	39.59-.160							1.0
KBN	HZ	60	252	IAML		14	7	42.49		100	0.3				
LSK	HZ	102	226	EP		14	7	38.52-.080							1.0
LSK	HN	102	226	ES		14	7	53.27-.050							1.0
THE	HZ	129	97	EP		14	7	43.360.350							1.0
THE	HE	129	97	ES		14	8	1.23-.080							1.0
PHP	HZ	131	320	EP		14	7	43.14-.230							1.0
PHP	HZ	131	320	IAML	A	14	8	7.58		30	0.7				
THL	HZ	144	161	EP		14	7	45.17-.450							1.0
THL	HN	144	161	ES		14	8	6.150.120							1.0
SRN	HZ	160	231	EP		14	7	48.11-.090							0.9
SRN	HZ	160	231	IAML	A	14	8	15.79		30	0.5				
IGT	HZ	170	215	EP		14	7	49.39-.440							0.9
IGT	HN	170	215	ES		14	8	14.200.560							0.9
IGT	HZ	170	215	IAML	A	14	8	24.12		32	0.7				
PUK	HZ	191	317	EP		14	7	53.01-.030							0.9

January 10 2022 Hour: 14:12 60.0 Lat: 40.80N Lon: 21.43E D: 10.0 Ag: TIR Local  
 Magnitudes: 2.6ML TIR 3.3MW TIR Rms: 0.3 secs  
 41 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	54	217	EP		1413	10.140	.390							1.0
NEST	HN	54	217	ES		1413	17.740	.080							1.0
KBN	HZ	58	251	EP		1413	10.680	.250							1.0
KBN	HN	58	251	ES		1413	18.75-	.150							1.0
KBN	HZ	58	251	IAML		1413	19.19		229	0.3					1.0
LSK	HZ	101	225	EP		1413	17.50-	.130							1.0
LSK	HN	101	225	ES		1413	31.29-	.640							1.0
LSK	HZ	101	225	IAML		1413	34.90		113	0.6					1.0
BERA	HN	126	266	ES		1413	39.590	.310							1.0
BERA	HZ	126	266	IAML		1413	41.68		53	0.2					1.0
PHP	HZ	129	320	EP		1413	21.93-	.310							1.0
PHP	HN	129	320	ES		1413	40.18-	.100							1.0
PHP	HZ	129	320	IAML	A	1413	46.29		34	0.5					1.0
THL	HZ	146	160	EP		1413	25.190	.140							1.0
THL	HN	146	160	ES		1413	45.29-	.070							1.0
SRN	HZ	159	230	EP		1413	27.13-	.080							0.9
SRN	HE	159	230	ES		1413	49.510	.250							0.9
SRN	HZ	159	230	IAML		1413	52.60		27	0.4					0.9
IGT	HZ	169	214	EP		1413	28.54-	.390							0.9
IGT	HN	169	214	ES		1413	52.610	.240							0.9
IGT	HZ	169	214	IAML		1413	57.76		38	0.5					0.9
KEK	HZ	184	230	IAML		1414	0.88		40	0.9					0.9
PUK	HZ	189	318	EP		1413	31.54-	.100							0.9
PUK	HZ	189	318	IAML	A	1414	2.24		9	0.6					0.9
BCI	HZ	208	327	EP		1413	34.410	.350							0.9

January 10 2022 Hour: 14:31 0.9 Lat: 40.82N Lon: 21.47E D: 4.0 Ag: TIR Local  
 Magnitudes: 2.1ML TIR Rms: 0.5 secs  
 45 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	57	219	EP		1431	11.510	.380							1.0
NEST	HN	57	219	ES		1431	18.91-	.540							1.0
NEST	HZ	57	219	IAML		1431	19.33		81	0.3					1.0
LSK	HZ	105	225	EP		1431	19.830	.290							1.0
LSK	HE	105	225	ES		1431	33.78-	.890							1.0
LSK	HZ	105	225	IAML		1431	37.35		16	0.4					1.0
PHP	HZ	130	318	EP		1431	23.700	.040							1.0
PHP	HN	130	318	ES		1431	41.81-	.320							1.0
THL	HZ	146	162	EP		1431	26.24-	.170							1.0
THL	HN	146	162	ES		1431	46.96-	.150							1.0
SRN	HZ	163	231	EP		1431	30.18	1.05							0.9
SRN	HN	163	231	ES		1431	52.490	.460							0.9
IGT	HZ	173	215	EP		1431	30.14-	.650							0.9
IGT	HN	173	215	ES		1431	55.630	.600							0.9

January 10 2022 Hour: 14:47 52.9 Lat: 40.95N Lon: 21.32E D: 16.7 Ag: TIR Local  
 Magnitudes: 2.2ML TIR Rms: 0.4 secs  
 39 km NE of Pustec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	64	201	EP		1448	5.040	.620							1.0
NEST	HN	64	201	ES		1448	13.15-	.620							1.0
NEST	HZ	64	201	IAML		1448	13.51		50	0.2					1.0
LSK	HE	108	215	ES		1448	27.240	.270							1.0
PHP	HZ	110	318	EP		1448	11.74-	.180							1.0
THL	HZ	165	159	EP		1448	20.59-	.100							0.9

January 10 2022 Hour: 14:50 11.8 Lat: 40.80N Lon: 21.45E D: 7.5 Ag: TIR Local  
 Magnitudes: 2.1ML TIR Rms: 0.3 secs  
 43 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	55	219	EP		1450	22.100	.440							1.0
NEST	HN	55	219	ES		1450	29.49	-.160							1.0
NEST	HZ	55	219	IAML		1450	30.46			52	0.1				
LSK	HZ	102	226	EP		1450	29.62	-.180							1.0
LSK	HE	102	226	ES		1450	44.12	-.260							1.0
LSK	HZ	102	226	IAML		1450	47.07			31	0.7				
PHP	HZ	130	320	EP		1450	34.65	0.180							1.0
THL	HZ	145	161	EP		1450	36.30	-.580							1.0
THL	HN	145	161	ES		1450	57.56	0.360							1.0
IGT	HZ	170	215	EP		1450	40.86	-.190							0.9
IGT	HN	170	215	ES		1451	5.14	0.410							0.9

January 10 2022 Hour: 15: 3 32.2 Lat: 40.84N Lon: 21.44E D: 7.4 Ag: TIR Local  
 Magnitudes: 2.7ML TIR 3.1MW TIR Rms: 0.8 secs  
 45 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	58	215	EP		15 3	42.74	0.040							1.0
NEST	HN	58	215	ES		15 3	50.79	-.410							1.0
NEST	HZ	58	215	IAML	A	15 3	53.58			366	0.5				
KBN	HZ	61	246	EP		15 3	42.48	-.640							1.0
KBN	HE	61	246	ES		15 3	51.78	-.180							1.0
KBN	HZ	61	246	IAML	A	15 3	53.27			120	0.5				
LSK	HZ	105	223	EP		15 3	50.01	-.720							1.0
LSK	HN	105	223	ES		15 4	5.04	-.700							1.0
LSK	HZ	105	223	IAML	A	15 4	7.24			79	0.8				
PHP	HZ	126	318	EP		15 3	53.01	-1.12							1.0
PHP	HN	126	318	ES		15 4	11.10	-.790							1.0
PHP	HZ	126	318	IAML	A	15 4	13.33			59	0.6				
BERA	HZ	127	263	EP		15 3	54.65	0.320							1.0
BERA	HN	127	263	ES		15 4	12.26	0.000							1.0
BERA	HZ	127	263	IAML		15 4	15.15			67	2.7				
THE	HZ	131	100	IP		15 3	56.34	1.41							1.0
THE	HN	131	100	ES		15 4	12.76	-.570							1.0
THE	HZ	131	100	IAML	A	15 4	16.77			25	0.4				
TIR	HZ	144	293	EP		15 3	58.54	1.39							1.0
THL	HZ	150	161	IP		15 3	57.74	-.420							1.0
THL	HE	150	161	ES		15 4	18.31	-.880							1.0
SRN	HZ	163	229	EP		15 4	1.95	1.69							0.9
SRN	HE	163	229	ES		15 4	23.14	0.160							0.9
SRN	HZ	163	229	IAML		15 4	29.28			29	2.3				
IGT	HZ	174	213	EP		15 4	3.31	1.21							0.9
IGT	HN	174	213	ES		15 4	27.00	0.690							0.9
IGT	HZ	174	213	IAML		15 4	39.37			38	1.1				
PUK	HZ	186	316	EP		15 4	3.62	-.210							0.9
PUK	HE	186	316	ES		15 4	28.87	-.560							0.9
PUK	HZ	186	316	IAML	A	15 4	31.96			16	0.9				
KEK	HZ	188	229	EP		15 4	3.62	-.400							0.9
KEK	HZ	188	229	IAML		15 4	35.17			40	1.0				
BCI	HZ	204	326	EP		15 4	5.81	-.350							0.9
BCI	HZ	204	326	IAML	A	15 4	42.38			29	0.8				
SDA	HZ	211	310	EP		15 4	7.74	0.850							0.9
SDA	HN	211	310	ES		15 4	35.56	0.590							0.9

January 10 2022 Hour: 15:18 58.3 Lat: 40.79N Lon: 21.43E D: 11.1 Ag: TIR Local  
 Magnitudes: 2.4ML TIR 2.9MW TIR Rms: 0.7 secs  
 41 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	53	218	EP		1519	8.000	.110							1.0
NEST	HN	53	218	ES		1519	15.60	-.070							1.0
NEST	HZ	53	218	IAML	A	1519	16.52			281	0.2				
KBN	HZ	58	251	EP		1519	8.40	-.230							1.0
KBN	HN	58	251	ES		1519	16.47	-.550							1.0
KBN	HZ	58	251	IAML	A	1519	18.03			63	0.2				
LSK	HZ	100	225	EP		1519	15.36	-.420							1.0
LSK	HN	100	225	ES		1519	28.44	-1.51							1.0
LSK	HZ	100	225	IAML	A	1519	32.08			51	0.8				
BERA	HZ	126	266	EP		1519	20.320	.400							1.0
BERA	HE	126	266	ES		1519	37.690	.240							1.0
BERA	HZ	126	266	IAML		1519	41.36			42	0.2				
PHP	HZ	129	320	EP		1519	20.630	.060							1.0
PHP	HN	129	320	ES		1519	37.96	-.670							1.0
PHP	HZ	129	320	IAML	A	1519	39.35			33	0.7				
THE	HZ	131	97	EP		1519	22.02	1.24							1.0
THE	HN	131	97	ES		1519	38.38	-.630							1.0
THE	HZ	131	97	IAML		1519	42.14			20	0.9				
THL	HZ	145	160	EP		1519	22.86	-.310							1.0
THL	HN	145	160	ES		1519	42.29	-1.04							1.0
SRN	HZ	158	231	EP		1519	25.650	.280							0.9
SRN	HN	158	231	ES		1519	47.860	.560							0.9
SRN	HZ	158	231	IAML		1519	50.71			30	2.6				
IGT	HZ	168	214	EP		1519	28.98	1.92							0.9
IGT	HN	168	214	ES		1519	51.230	.860							0.9
IGT	HZ	168	214	IAML		1519	53.56			30	1.0				
KEK	HZ	183	230	EP		1519	29.470	.410							0.9
PUK	HZ	189	318	EP		1519	29.64	-.240							0.9
PUK	HE	189	318	ES		1519	55.45	-.020							0.9
PUK	HZ	189	318	IAML		1520	1.38			13	0.7				
BCI	HZ	209	327	EP		1519	32.25	-.050							0.9

January 10 2022 Hour: 15:34 50.1 Lat: 40.80N Lon: 21.43E D: 11.1 Ag: TIR Local  
 Magnitudes: 2.1ML TIR 3.9MW TIR Rms: 0.7 secs  
 42 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	54	218	EP		1535	0.010	.270							1.0
NEST	HE	54	218	ES		1535	7.46	-.140							1.0
NEST	HZ	54	218	IAML		1535	9.28			162	0.3				
KBN	HZ	58	251	EP		1535	1.59	1.13							1.0
KBN	HE	58	251	ES		1535	8.31	-.590							1.0
KBN	HZ	58	251	IAML		1535	10.78			54	0.6				
LSK	HZ	101	225	EP		1535	6.93	-.700							1.0
LSK	HN	101	225	ES		1535	21.33	-.550							1.0
LSK	HZ	101	225	IAML		1535	31.89			42	1.5				
PHP	HZ	129	320	EP		1535	12.06	-.240							1.0
PHP	HN	129	320	ES		1535	29.88	-.440							1.0
PHP	HZ	129	320	IAML		1535	32.40			12	0.6				
THL	HZ	145	160	EP		1535	14.31	-.700							1.0
THL	HN	145	160	ES		1535	34.80	-.420							1.0
SRN	HZ	159	231	EP		1535	17.660	.440							0.9
SRN	HN	159	231	ES		1535	39.370	.150							0.9
SRN	HZ	159	231	IAML		1535	41.94			12	0.4				
IGT	HZ	169	214	EP		1535	21.00	2.08							0.9
IGT	HE	169	214	ES		1535	42.17	-.130							0.9
IGT	HZ	169	214	IAML		1535	46.99			16	0.7				
PUK	HZ	189	318	IAML		1535	51.19			7	0.5				

January 10 2022 Hour: 15:43 17.8 Lat: 40.85N Lon: 21.42E D: 11.7 Ag: TIR Local  
 Magnitudes: 3.1ML TIR 3.6MW TIR Rms: 0.9 secs  
 43 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	57	213	IP		1543	28.210	.080							1.0
NEST	HN	57	213	IS		1543	35.75	-.760							1.0
NEST	HZ	57	213	IAML	A	1543	36.58			1129	0.6				
KBN	HZ	59	245	IP		1543	28.11	-.230							1.0
KBN	HN	59	245	IS		1543	35.92	-.960							1.0
KBN	HZ	59	245	IAML		1543	36.73			621	1.1				
LSK	HZ	104	222	IP		1543	35.84	-.070							1.0
LSK	HN	104	222	IS		1543	49.51	-1.07							1.0
LSK	HZ	104	222	IAML	A	1543	54.67			279	0.8				
PHP	HZ	124	319	IP		1543	38.05	-1.11							1.0
PHP	HN	124	319	IS		1543	56.01	-.450							1.0
PHP	HZ	124	319	IAML	A	1543	58.34			273	0.9				
BERA	HZ	125	263	IP		1543	39.630	.300							1.0
BERA	HN	125	263	IS		1543	57.670	.910							1.0
BERA	HZ	125	263	IAML	A	1544	5.26			100	0.4				
THE	HZ	133	100	IP		1543	41.470	.790							1.0
THE	HN	133	100	IS		1543	59.700	.490							1.0
THE	HZ	133	100	IAML	A	1544	1.62			71	1.4				
TIR	HZ	142	294	IP		1543	41.67	-.450							1.0
TIR	HE	142	294	IS		1544	2.770	.960							1.0
TIR	HZ	142	294	IAML	A	1544	7.08			116	0.7				
THL	HZ	151	160	IP		1543	43.14	-.600							1.0
THL	HN	151	160	IS		1544	3.09	-1.67							1.0
SRN	HZ	161	229	IP		1543	46.220	.830							0.9
SRN	HE	161	229	IS		1544	8.200	.450							0.9
SRN	HZ	161	229	IAML		1544	15.97			95	0.8				
VLO	HZ	168	256	IP		1543	48.73	2.25							0.9
IGT	HZ	173	213	IP		1543	47.410	.260							0.9
IGT	HN	173	213	IS		1544	12.60	1.67							0.9
IGT	HZ	173	213	IAML	A	1544	20.56			87	1.0				
PUK	HZ	184	317	IP		1543	47.67	-.960							0.9
PUK	HN	184	317	IS		1544	13.41	-.200							0.9
PUK	HZ	184	317	IAML	A	1544	16.83			88	0.6				
KEK	HZ	187	228	IP		1543	49.850	.940							0.9
KEK	HE	187	228	IS		1544	13.48	-.630							0.9
KEK	HZ	187	228	IAML		1544	22.00			84	0.9				
BCI	HZ	203	327	EP		1543	51.660	.670							0.9
BCI	HN	203	327	ES		1544	16.91	-.970							0.9
BCI	HZ	203	327	IAML	A	1544	29.67			180	0.9				
SDA	HZ	208	310	IP		1543	52.90	1.22							0.9
SDA	HN	208	310	IS		1544	17.76	-1.36							0.9
SDA	HZ	208	310	IAML	A	1544	31.87			66	0.7				

January 10 2022 Hour: 16:11 12.4 Lat: 40.83N Lon: 21.38E D: 4.0 Ag: TIR Local  
 Magnitudes: 1.9ML TIR Rms: 0.6 secs  
 39 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	54	211	EP		1611	22.150	.090							1.0
NEST	HN	54	211	ES		1611	28.75	-1.14							1.0
NEST	HZ	54	211	IAML		1611	29.88			103	0.2				
KBN	HZ	55	246	EP		1611	22.21	-.030							1.0
KBN	HN	55	246	ES		1611	30.670	.460							1.0
KBN	HZ	55	246	IAML		1611	33.83			20	0.5				
LSK	HZ	100	221	EP		1611	30.770	.430							1.0
LSK	HZ	100	221	IAML		1611	48.31			14	0.4				
PHP	HZ	123	321	EP		1611	34.150	.020							1.0
PHP	HN	123	321	ES		1611	51.12	-.610							1.0
PHP	HZ	123	321	IAML		1611	55.96			9	0.2				
THL	HZ	151	159	EP		1611	38.16	-.500							1.0

SRN	HZ	158	228	EP		1611	40.90	1.09										0.9
SRN	HE	158	228	ES		1612	1.47-	.540										0.9
IGT	HZ	169	212	EP		1611	42.480.	.680										0.9
IGT	HN	169	212	ES		1612	5.740.	.130										0.9
IGT	HZ	169	212	IAML		1612	13.55		10	0.9								

**January 10 2022 Hour: 16:16 45.8 Lat: 40.84N Lon: 21.44E D: 10.4 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR Rms: 0.7 secs**  
**44 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	58	215	EP		1616	56.730.	.520							1.0
NEST	HN	58	215	ES		1617	5.030.	.400							1.0
NEST	HZ	58	215	IAML		1617	6.59		97	0.2					
LSK	HZ	105	223	EP		1617	4.620.	.580							1.0
LSK	HN	105	223	ES		1617	18.02-	.780							1.0
LSK	HZ	105	223	IAML		1617	23.12		33	0.7					
PHP	HZ	126	319	EP		1617	7.630.	.060							1.0
PHP	HN	126	319	ES		1617	24.99-	.190							1.0
PHP	HZ	126	319	IAML		1617	27.57		10	0.3					
THL	HZ	150	161	EP		1617	10.31-	1.21							1.0
THL	HN	150	161	ES		1617	32.610.	.280							1.0
SRN	HZ	162	229	EP		1617	12.95-	.620							0.9
IGT	HZ	173	213	EP		1617	16.61	1.28							0.9
IGT	HN	173	213	ES		1617	38.87-	.370							0.9
IGT	HZ	173	213	IAML		1617	47.47		8	0.2					

**January 10 2022 Hour: 17:0 20.0 Lat: 40.80N Lon: 21.48E D: 10.0F Ag: TIR Local**  
**Magnitudes: 2.2ML TIR 2.6MW TIR Rms: 0.4 secs**  
**45 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	57	220	IP		17 0	30.610.	.570							1.0
NEST	HN	57	220	IS		17 0	37.34-	.870							1.0
NEST	HZ	57	220	IAML	A	17 0	39.30		106	0.3					
KBN	HZ	62	251	IP		17 0	31.290.	.310							1.0
KBN	HN	62	251	IS		17 0	39.83-	.090							1.0
KBN	HZ	62	251	IAML		17 0	42.59		21	0.2					
LSK	HZ	104	226	EP		17 0	38.47-	.080							1.0
LSK	HN	104	226	ES		17 0	53.27-	.340							1.0
LSK	HZ	104	226	IAML		17 0	55.40		17	0.7					
PHP	HZ	131	319	IP		17 0	43.22-	.010							1.0
PHP	HN	131	319	ES		17 1	1.64-	.450							1.0
PHP	HZ	131	319	IAML		17 1	4.29		7	0.4					
THL	HZ	145	161	IP		17 0	45.00-	.520							1.0
THL	HN	145	161	IS		17 1	6.00-	.230							1.0
SRN	HZ	162	231	EP		17 0	48.450.	.060							0.9
SRN	HN	162	231	ES		17 1	11.500.	.080							0.9
IGT	HZ	172	215	EP		17 0	50.560.	.570							0.9
IGT	HN	172	215	ES		17 1	14.820.	.510							0.9
IGT	HZ	172	215	IAML		17 1	16.80		16	1.9					
KEK	HZ	187	230	EP		17 0	53.250.	.650							0.9
KEK	HZ	187	230	IAML		17 1	23.45		51	2.6					

**January 10 2022 Hour: 17:14 31.7 Lat: 40.86N Lon: 21.47E D: 7.0 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR 2.9MW TIR Rms: 0.6 secs**  
**47 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	61	215	IP		1714	43.390.	.680							1.0
NEST	HN	61	215	IS		1714	51.41-	.200							1.0
NEST	HZ	61	215	IAML	A	1714	52.61		249	0.2					
KBN	HZ	63	245	IP		1714	43.05-	.030							1.0
KBN	HN	63	245	IS		1714	51.78-	.500							1.0
KBN	HZ	63	245	IAML	A	1714	53.67		63	0.6					
LSK	HZ	108	223	IP		1714	51.260.	.510							1.0
LSK	HN	108	223	IS		1715	6.01-	.160							1.0

LSK	HZ	108	223	IAML	1715	7.98				27	0.4				
PHP	HZ	125	317	IP	1714	53.16-	.440								1.0
PHP	HN	125	317	IS	1715	10.28-	1.04								1.0
PHP	HZ	125	317	IAML	1715	13.33				22	1.7				
THL	HZ	152	162	IP	1714	57.28-	.680								1.0
THL	HN	152	162	IS	1715	18.39-	.820								1.0
SRN	HZ	166	229	IP	1715	1.47	1.20								0.9
SRN	HE	166	229	IS	1715	23.10-	.300								0.9
SRN	HZ	166	229	IAML	1715	26.35				9	0.2				
IGT	HZ	176	213	IP	1715	3.23	1.11								0.9
IGT	HN	176	213	IS	1715	26.55-	.180								0.9
IGT	HZ	176	213	IAML	1715	33.37				10	0.2				
PUK	HZ	185	315	IP	1715	3.900.	.550								0.9
PUK	HN	185	315	IS	1715	29.440.	.480								0.9
PUK	HZ	185	315	IAML	1715	33.06				6	0.4				

**January 10 2022 Hour: 18:57 11.4 Lat: 40.87N Lon: 21.45E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR 2.7MW TIR Rms: 0.5 secs**  
**47 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	61	214	EP		1857	22.730.	.480							1.0
NEST	HN	61	214	ES		1857	31.210.	.150							1.0
NEST	HZ	61	214	IAML		1857	31.67			120	0.6				
KBN	HZ	62	245	EP		1857	22.740.	.230							1.0
KBN	HN	62	245	ES		1857	31.37-	.150							1.0
KBN	HZ	62	245	IAML		1857	32.18			26	0.5				
LSK	HZ	107	223	EP		1857	29.70-	.360							1.0
LSK	HE	107	223	ES		1857	44.38-	.810							1.0
LSK	HZ	107	223	IAML		1857	48.30			18	0.3				
PHP	HZ	124	317	EP		1857	33.270.	.430							1.0
PHP	HN	124	317	ES		1857	49.78-	.450							1.0
PHP	HZ	124	317	IAML		1857	53.27			17	0.5				
THL	HZ	152	161	EP		1857	38.140.	.690							1.0
THL	HN	152	161	ES		1857	57.51-	1.06							1.0
SRN	HZ	165	229	EP		1857	40.300.	.740							0.9
SRN	HE	165	229	ES		1858	2.550.	.170							0.9
SRN	HZ	165	229	IAML		1858	10.16			11	0.8				
IGT	HZ	176	213	EP		1857	41.570.	.350							0.9
IGT	HN	176	213	ES		1858	5.720.	.340							0.9
IGT	HZ	176	213	IAML		1858	9.27			11	1.2				
PUK	HZ	185	316	EP		1857	41.65-	.730							0.9

**January 10 2022 Hour: 19: 6 58.6 Lat: 39.51N Lon: 20.23E D: 26.4 Ag: TIR Local**  
**Magnitudes: 1.6ML TIR Rms: 0.2 secs**  
**17 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	9	76	IP		19 7	3.35-	.090							1.0
IGT	HZ	9	76	IAML		19 7	7.38			41	0.1				
IGT	HN	9	76	IS		19 7	7.380.	.050							1.0
KEK	HZ	43	301	IP		19 7	7.330.	.020							1.0
KEK	HN	43	301	IS		19 7	14.11-	.220							1.0
KEK	HZ	43	301	IAML		19 7	16.75			38	0.5				
SRN	HZ	45	334	IP		19 7	7.770.	.200							1.0
SRN	HN	45	334	IS		19 7	14.910.	.110							1.0
LSK	HZ	77	24	EP		19 7	12.930.	.390							1.0
LSK	HN	77	24	ES		19 7	23.63-	.160							1.0
LSK	HZ	77	24	IAML		19 7	28.49			11	0.1				
NEST	HZ	122	35	EP		19 7	19.24-	.320							1.0

January 10 2022 Hour: 19:23 6.7 Lat: 40.80N Lon: 21.47E D: 10.0F Ag: TIR Local  
 Magnitudes: 2.0ML TIR Rms: 0.8 secs  
 46 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	56	220	EP		1923	16.59	-.270							1.0
NEST	HZ	56	220	IP		1923	17.200	.340							1.0
NEST	HN	56	220	IS		1923	23.94	-1.16							1.0
NEST	HZ	56	220	IAML		1923	24.70			88	0.2				
KBN	HZ	61	251	EP		1923	17.24	-.480							1.0
KBN	HN	61	251	ES		1923	25.54	-1.12							1.0
KBN	HZ	61	251	IAML		1923	27.85			18	1.2				
LSK	HZ	104	226	IP		1923	24.72	-.070							1.0
LSK	HN	104	226	IS		1923	39.23	-.220							1.0
LSK	HZ	104	226	IAML		1923	42.61			17	0.7				
PHP	HZ	131	319	EP		1923	29.340	.020							1.0
PHP	HN	131	319	ES		1923	47.800	.160							1.0
PHP	HZ	131	319	IAML		1923	51.10			6	0.6				
THL	HZ	145	161	EP		1923	31.620	.020							1.0
THL	HN	145	161	ES		1923	51.01	-.760							1.0
SRN	HZ	162	231	EP		1923	34.780	.380							0.9
SRN	HN	162	231	ES		1923	57.690	.840							0.9
IGT	HZ	171	215	EP		1923	36.970	.960							0.9
IGT	HN	171	215	ES		1924	1.53	1.78							0.9
IGT	HZ	171	215	IAML		1924	4.85			19	1.3				

January 10 2022 Hour: 20: 6 54.3 Lat: 40.85N Lon: 21.42E D: 8.6 Ag: TIR Local  
 Magnitudes: 2.5ML TIR 3.0MW TIR Rms: 0.8 secs  
 44 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	58	213	IP		20 7	4.940	.190							1.0
NEST	HN	58	213	IS		20 7	13.260	.040							1.0
NEST	HZ	58	213	IAML	A	20 7	14.67			429	0.2				
KBN	HZ	59	245	IP		20 7	5.360	.400							1.0
KBN	HN	59	245	IS		20 7	13.11	-.490							1.0
KBN	HZ	59	245	IAML	A	20 7	17.44			132	0.5				
LSK	HZ	104	222	IP		20 7	12.28	-.330							1.0
LSK	HN	104	222	IS		20 7	25.94	-1.51							1.0
LSK	HZ	104	222	IAML	A	20 7	31.12			151	1.0				
PHP	HZ	123	319	IP		20 7	14.99	-.780							1.0
PHP	HN	123	319	ES		20 7	32.05	-1.11							1.0
PHP	HZ	123	319	IAML		20 7	35.85			36	0.3				
BERA	HZ	125	263	IP		20 7	16.970	.970							1.0
BERA	HN	125	263	ES		20 7	33.41	-.170							1.0
BERA	HZ	125	263	IAML	A	20 7	37.31			61	2.7				
THE	HZ	133	100	IP		20 7	17.480	.170							1.0
THE	HZ	133	100	IAML	A	20 7	37.39			31	0.6				
TIR	HZ	142	293	EP		20 7	19.420	.670							1.0
TIR	HN	142	293	ES		20 7	38.25	-.320							1.0
TIR	HZ	142	293	IAML	A	20 7	48.69			33	1.9				
THL	HZ	152	160	IP		20 7	19.71	-.730							1.0
THL	HN	152	160	IS		20 7	40.59	-1.03							1.0
SRN	HZ	162	229	IP		20 7	22.05	-.050							0.9
SRN	HN	162	229	IS		20 7	44.57	-.050							0.9
SRN	HZ	162	229	IAML		20 7	51.47			34	0.5				
IGT	HZ	173	213	IP		20 7	24.850	.810							0.9
IGT	HN	173	213	IS		20 7	49.71	1.57							0.9
IGT	HZ	173	213	IAML	A	20 7	55.97			25	0.7				
PUK	HZ	184	317	EP		20 7	25.670	.200							0.9
PUK	HN	184	317	ES		20 7	52.01	1.29							0.9
PUK	HZ	184	317	IAML	A	20 7	55.86			17	0.8				
KEK	HZ	187	228	IP		20 7	26.85	1.03							0.9
BCI	HZ	202	327	EP		20 7	27.47	-.350							0.9
BCI	HZ	202	327	IAML		20 8	4.05			23	1.1				



SDA	HZ	208	310	IP		20	7	29.480	.960										0.9
SDA	HN	208	310	ES		20	7	55.24	-1.00										0.9

**January 10 2022 Hour: 20:27 33.2 Lat: 40.81N Lon: 21.48E D: 9.6 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR Rms: 0.8 secs**

**43 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	57	220	EP		2027	44.370	.760							1.0
NEST	HN	57	220	ES		2027	51.97	-.080							1.0
NEST	HZ	57	220	IAML		2027	52.97		69	0.6					
KBN	HZ	62	251	EP		2027	44.750	.340							1.0
KBN	HN	62	251	ES		2027	52.69	-.820							1.0
KBN	HZ	62	251	IAML		2027	56.14		21	0.7					
LSK	HZ	105	226	EP		2027	51.820	.290							1.0
LSK	HN	105	226	ES		2028	5.65	-.750							1.0
LSK	HZ	105	226	IAML		2028	12.90		16	1.2					
PHP	HZ	130	318	IP		2027	56.330	.590							1.0
PHP	HN	130	318	IS		2028	13.37	-.650							1.0
PHP	HN	130	318	ES		2028	14.270	.250							1.0
PHP	HZ	130	318	IAML		2028	15.88		6	0.3					
THL	HZ	146	162	EP		2027	55.84	-2.43							1.0
THL	HN	146	162	ES		2028	19.300	.710							1.0
SRN	HZ	163	231	EP		2028	1.610	.470							0.9
SRN	HN	163	231	ES		2028	23.880	.100							0.9
IGT	HZ	173	215	EP		2028	3.540	.800							0.9
IGT	HN	173	215	ES		2028	27.220	.530							0.9

**January 10 2022 Hour: 20:38 26.8 Lat: 41.93N Lon: 19.05E D: 5.9 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR Rms: 0.4 secs**

**40 km W of Shkoder**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SDA	HZ	39	70	EP		2038	34.370	.480							1.0
SDA	HE	39	70	ES		2038	39.43	-.200							1.0
SDA	HZ	39	70	IAML		2038	39.86		38	0.4					
PDG	HZ	58	17	EP		2038	37.03	-.160							1.0
PDG	HN	58	17	ES		2038	45.47	-.120							1.0
PDG	HZ	58	17	IAML		2038	47.82		26	0.3					
PUK	HZ	71	80	EP		2038	39.850	.370							1.0
PUK	HN	71	80	ES		2038	49.58	-.160							1.0
PUK	HZ	71	80	IAML		2038	53.47		11	0.4					
BCI	HZ	97	60	EP		2038	44.430	.440							1.0
BCI	HN	97	60	ES		2038	57.910	.000							1.0
BCI	HZ	97	60	IAML		2039	0.97		15	0.4					
PHP	HZ	119	103	EP		2038	46.75	-.890							1.0
PHP	HN	119	103	ES		2039	4.740	.220							1.0

**January 10 2022 Hour: 20:40 20.1 Lat: 40.50N Lon: 19.74E D: 5.0F Ag: TIR Local**  
**Magnitudes: 1.2ML TIR Rms: 0.8 secs**

**9 km E of Selenice**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLO	HZ	21	260	IP		2040	25.21	1.35							1.0
VLO	HN	21	260	ES		2040	26.33	-.560							1.0
BERA	HZ	29	39	EP		2040	24.56	-.650							1.0
BERA	HN	29	39	ES		2040	29.820	.480							1.0
BERA	HZ	29	39	IAML		2040	30.92		17	0.4					
SRN	HZ	73	162	EP		2040	32.27	-.820							1.0
SRN	HN	73	162	ES		2040	43.39	-.210							1.0
LSK	HZ	83	118	EP		2040	34.88	-.050							1.0
IGT	HZ	119	155	EP		2040	40.66	-.720							1.0
IGT	HN	119	155	ES		2040	59.80	1.20							1.0

January 10 2022 Hour: 21:0 21.2 Lat: 40.85N Lon: 21.47E D: 7.3 Ag: TIR Local  
 Magnitudes: 2.1ML TIR 2.4MW TIR Rms: 0.7 secs  
 48 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	61	216	IP	A	21	0	32.950.780							1.0
NEST	HN	61	216	IS		21	0	41.050.020							1.0
NEST	HZ	61	216	IAML	A	21	0	42.17		155	0.2				
KBN	HZ	63	246	IP		21	0	32.760.110							1.0
KBN	HN	63	246	IS		21	0	40.96-.940							1.0
KBN	HZ	63	246	IAML	A	21	0	43.28		38	0.4				
LSK	HZ	108	224	IP		21	0	40.06-.150							1.0
LSK	HN	108	224	IS		21	0	54.82-.770							1.0
LSK	HZ	108	224	IAML		21	0	55.42		24	2.2				
PHP	HZ	126	317	EP		21	0	43.10-.190							1.0
PHP	HN	126	317	ES		21	0	59.99-1.17							1.0
PHP	HZ	126	317	IAML		21	1	2.01		18	1.6				
BERA	HZ	130	263	EP		21	0	43.840.030							1.0
BERA	HN	130	263	ES		21	1	3.44 1.33							1.0
BERA	HZ	130	263	IAML		21	1	7.64		10	0.2				
THL	HZ	150	162	IP		21	0	46.40-.860							1.0
THL	HN	150	162	IS		21	1	8.03-.310							1.0
SRN	HZ	165	230	IP		21	0	50.480.730							0.9
SRN	HE	165	230	IS		21	1	12.45-.410							0.9
IGT	HZ	176	214	IP		21	0	52.85 1.31							0.9
IGT	HN	176	214	IS		21	1	16.02-.070							0.9
PUK	HZ	187	315	EP		21	0	53.730.760							0.9
PUK	HZ	187	315	IAML	A	21	1	25.43		6	0.9				

January 10 2022 Hour: 21:25 30.8 Lat: 40.87N Lon: 21.42E D: 15.0F Ag: TIR Local  
 Magnitudes: 3.0ML TIR 3.6MW TIR Rms: 0.7 secs  
 44 km E of Pustec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	59	212	IP	A	2125	42.260.830								1.0
NEST	HN	59	212	IS		2125	49.75-.280								1.0
NEST	HZ	59	212	IAML	A	2125	52.36			1320	0.4				
KBN	HZ	60	243	IP		2125	42.200.660								1.0
KBN	HN	60	243	IS		2125	49.60-.630								1.0
KBN	HZ	60	243	IAML	A	2125	50.92			359	0.4				
LSK	HZ	106	221	IP		2125	49.35-.390								1.0
LSK	HN	106	221	IS		2126	3.42-1.65								1.0
LSK	HZ	106	221	IAML	A	2126	8.17			432	0.7				
PHP	HZ	122	318	IP		2125	52.09-.570								1.0
PHP	HN	122	318	IS		2126	9.14-1.21								1.0
PHP	HZ	122	318	IAML	A	2126	12.04			219	0.7				
BERA	HZ	126	262	IP	A	2125	53.280.110								1.0
BERA	HN	126	262	IS		2126	12.030.760								1.0
BERA	HZ	126	262	IAML	A	2126	19.43			125	0.7				
THE	HZ	133	101	IP		2125	54.960.580								1.0
THE	HN	133	101	IS		2126	12.69-.780								1.0
THE	HZ	133	101	IAML	A	2126	15.33			108	0.7				
TIR	HZ	141	293	EP		2125	55.62-.140								1.0
TIR	HN	141	293	IS		2126	16.210.230								1.0
TIR	HZ	141	293	IAML	A	2126	21.11			81	1.0				
THL	HZ	153	161	IP		2125	57.33-.440								1.0
BPA2	HZ	153	265	EP		2125	58.82 1.11								1.0
SRN	HZ	163	228	IP		2125	59.890.480								0.9
SRN	HN	163	228	IS		2126	22.33-.240								0.9
SRN	HZ	163	228	IAML	A	2126	27.77			74	0.6				
VLO	HZ	169	255	IP		2126	0.850.490								0.9
VLO	HZ	169	255	IAML		2126	34.47			135	0.5				
IGT	HZ	175	212	IP	A	2126	2.240.850								0.9
IGT	HE	175	212	IS		2126	25.80-.370								0.9
IGT	HZ	175	212	IAML	A	2126	37.96			100	0.6				

PUK	HZ	183	316	IP		2126	1.42-1.29									0.9
PUK	HN	183	316	IS		2126	28.43-.110									0.9
PUK	HZ	183	316	IAML	A	2126	30.84		61	0.6						
KEK	HZ	188	228	IP		2126	4.540.940									0.9
KEK	HZ	188	228	IAML	A	2126	38.21		96	0.6						
BCI	HZ	201	326	IP		2126	5.01-.240									0.9
BCI	HZ	201	326	IAML		2126	41.39		132	0.7						
SDA	HZ	207	310	IP		2126	6.540.550									0.9
SDA	HN	207	310	IS		2126	34.720.230									0.9
SDA	HZ	207	310	IAML	A	2126	41.30		54	1.4						
PDG	HZ	250	315	IP		2126	12.390.930									0.9
PDG	HZ	250	315	IAML	A	2126	49.22		39	0.6						

**January 10 2022 Hour: 22:34.8 Lat: 40.76N Lon: 21.40E D: 12.4 Ag: TIR Local**  
**Magnitudes: 2.6ML TIR 3.1MW TIR Rms: 0.5 secs**  
**37 km E of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	48	219	EP		22	3	52.730.100							1.0
NEST	HN	48	219	ES		22	3	59.65-.140							1.0
NEST	HZ	48	219	IAML		22	4	0.91		698	0.2				
KBN	HZ	54	255	EP		22	3	53.35-.240							1.0
KBN	HN	54	255	ES		22	4	1.00-.520							1.0
KBN	HZ	54	255	IAML		22	4	3.07		75	0.2				
LSK	HZ	96	226	IP	A	22	4	0.31-.230							1.0
LSK	HN	96	226	ES		22	4	13.66-.440							1.0
LSK	HZ	96	226	IAML	A	22	4	17.74		73	0.5				
BERA	HZ	123	268	EP		22	4	5.430.410							1.0
BERA	HN	123	268	ES		22	4	21.92-.290							1.0
BERA	HZ	123	268	IAML		22	4	26.20		52	0.3				
PHP	HZ	131	322	EP		22	4	6.520.120							1.0
PHP	HZ	131	322	IAML		22	4	24.22		26	0.4				
THE	HZ	133	95	EP		22	4	6.790.180							1.0
THE	HN	133	95	ES		22	4	24.73-.360							1.0
THL	HZ	142	158	EP		22	4	8.00-.180							1.0
THL	HN	142	158	ES		22	4	27.47-.460							1.0
BPA2	HZ	151	270	EP		22	4	9.52-.130							1.0
SRN	HZ	154	231	EP		22	4	11.040.890							1.0
SRN	HN	154	231	ES		22	4	31.650.150							1.0
SRN	HZ	154	231	IAML		22	4	37.51		30	0.5				
IGT	HZ	164	214	EP		22	4	12.650.860							0.9
IGT	HN	164	214	ES		22	4	34.610.140							0.9
IGT	HZ	164	214	IAML		22	4	38.54		38	1.1				
KEK	HZ	179	230	EP		22	4	14.770.900							0.9
KEK	HN	179	230	ES		22	4	38.15-.090							0.9
KEK	HZ	179	230	IAML		22	4	41.79		33	0.8				
PUK	HZ	191	319	EP		22	4	15.23-.240							0.9
PUK	HN	191	319	ES		22	4	41.810.690							0.9
PUK	HZ	191	319	IAML		22	4	42.66		13	0.6				
BCI	HZ	211	329	EP		22	4	17.77-.210							0.9
BCI	HN	211	329	ES		22	4	45.61-.070							0.9
BCI	HZ	211	329	IAML		22	4	57.82		24	0.6				
SDA	HZ	215	313	EP		22	4	18.900.500							0.9
SDA	HN	215	313	ES		22	4	45.24-1.18							0.9

**January 10 2022 Hour: 23:35 1.1 Lat: 40.82N Lon: 21.39E D: 11.1 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR 2.1MW TIR Rms: 0.4 secs**  
**39 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	53	213	EP		2335	11.180.440								1.0
NEST	HN	53	213	ES		2335	18.710.160								1.0
NEST	HZ	53	213	IAML		2335	19.56			41	0.2				
KBN	HN	56	248	ES		2335	18.52-.680								1.0
LSK	HZ	100	223	EP		2335	19.030.490								1.0
LSK	HN	100	223	ES		2335	32.850.190								1.0

BERA	HZ	123	265	EP		2335	22.680.440										1.0
PHP	HZ	125	321	EP		2335	22.900.180										1.0
PHP	HN	125	321	ES		2335	40.12-.120										1.0
PHP	HZ	125	321	IAML		2335	41.94			7	0.6						
THL	HZ	149	159	EP		2335	25.85-.730										1.0
THL	HN	149	159	ES		2335	47.230.010										1.0
SRN	HZ	157	229	EP		2335	28.160.110										0.9
SRN	HN	157	229	ES		2335	49.76-.120										0.9
SRN	HZ	157	229	IAML		2336	10.08			44	1.6						
KBN	HZ	56	248	EP		2335	10.68-.420										1.0
KBN	HZ			IAML		2335	21.02			11	0.2						

**January 11 2022 Hour: 0:9 3.1 Lat: 40.86N Lon: 21.41E D: 8.0 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR Rms: 0.5 secs**  
**42 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	58	212	EP		0 9	14.130.610								1.0
NEST	HN	58	212	ES		0 9	21.90-.080								1.0
NEST	HZ	58	212	IAML		0 9	22.66			28	0.2				
KBN	HZ	58	244	EP		0 9	14.050.450								1.0
KBN	HN	58	244	ES		0 9	21.66-.480								1.0
LSK	HZ	104	221	EP		0 9	21.26-.140								1.0
LSK	HN	104	221	ES		0 9	35.87-.380								1.0
BERA	HZ	124	262	EP		0 9	24.17-.480								1.0
BERA	HN	124	262	ES		0 9	42.670.540								1.0
IGT	HZ	173	212	EP		0 9	32.22-.650								0.9
IGT	HN	173	212	ES		0 9	57.600.600								0.9

**January 11 2022 Hour: 0:10 9.8 Lat: 40.85N Lon: 21.40E D: 15.0F Ag: TIR Local**  
**Magnitudes: 2.1ML TIR 3.1MW TIR Rms: 0.9 secs**  
**43 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	57	212	EP		010	19.47-.560								1.0
NEST	HN	57	212	ES		010	27.35-.980								1.0
NEST	HZ	57	212	IAML		010	29.17			74	0.2				
KBN	HZ	58	245	EP		010	19.79-.400								1.0
KBN	HN	58	245	ES		010	27.38-1.24								1.0
KBN	HZ	58	245	IAML		010	28.70			54	0.4				
LSK	HZ	103	222	EP		010	28.380.630								1.0
LSK	HN	103	222	ES		010	41.54-.770								1.0
LSK	HZ	103	222	IAML		010	43.66			19	0.5				
PHP	HZ	123	319	EP		010	30.18-.910								1.0
PHP	HN	123	319	ES		010	47.36-.980								1.0
PHP	HZ	123	319	IAML		010	49.34			18	0.5				
BERA	HZ	124	263	EP		010	31.170.020								1.0
BERA	HN	124	263	ES		010	49.58 1.13								1.0
THE	HZ	134	100	EP		010	31.57-1.27								1.0
THE	HN	134	100	ES		010	52.220.710								1.0
THL	HZ	151	160	EP		010	34.59-1.12								1.0
THL	HN	151	160	ES		010	57.340.620								1.0
SRN	HZ	160	228	EP		010	37.770.660								0.9
SRN	HN	160	228	ES		010	59.880.640								0.9
IGT	HZ	172	212	EP		010	39.030.350								0.9
IGT	HN	172	212	ES		011	2.860.770								0.9
PUK	HZ	183	317	EP		010	40.230.030								0.9
PUK	HN	183	317	ES		011	6.15 1.30								0.9
PUK	HZ	183	317	IAML		011	8.06			6	0.7				
KEK	HZ	186	228	EP		010	42.06 1.64								0.9
BCI	HZ	202	327	EP		010	42.630.040								0.9
SDA	HZ	208	311	EP		010	43.570.330								0.9

January 11 2022 Hour: 0:17 52.0 Lat: 40.83N Lon: 21.43E D: 13.6 Ag: TIR Local  
 Magnitudes: 1.7ML TIR 2.2MW TIR Rms: 0.5 secs  
 44 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	57	215	EP		018	2.12	-.140							1.0
NEST	HN	57	215	ES		018	9.82	-.720							1.0
NEST	HZ	57	215	IAML		018	12.60			79	0.2				
KBN	HZ	59	247	EP		018	2.50	-.150							1.0
KBN	HN	59	247	ES		018	11.15	-.090							1.0
KBN	HZ	59	247	IAML		018	15.25			15	0.2				
LSK	HZ	104	223	EP		018	10.51	0.440							1.0
LSK	HN	104	223	ES		018	24.04	-.630							1.0
PHP	HZ	126	319	EP		018	13.47	-.270							1.0
PHP	HN	126	319	ES		018	31.21	-.110							1.0
PHP	HZ	126	319	IAML		018	33.07			6	0.2				
BERA	HZ	126	264	EP		018	14.40	0.680							1.0
BERA	HN	126	264	ES		018	32.28	1.00							1.0
THE	HZ	132	99	EP		018	14.55	-.160							1.0
THE	HN	132	99	ES		018	33.49	0.430							1.0
SRN	HZ	161	229	EP		018	19.44	-.110							0.9
SRN	HN	161	229	ES		018	42.14	0.310							0.9
IGT	HZ	172	213	EP		018	21.67	0.580							0.9
PUK	HZ	186	317	EP		018	22.58	-.350							0.9
BCI	HZ	205	327	EP		018	24.58	-.720							0.9

January 11 2022 Hour: 0:36 28.3 Lat: 40.85N Lon: 21.42E D: 7.3 Ag: TIR Local  
 Magnitudes: 1.8ML TIR 2.4MW TIR Rms: 0.5 secs  
 44 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	58	213	EP		036	38.98	0.230							1.0
NEST	HN	58	213	ES		036	46.77	-.470							1.0
NEST	HZ	58	213	IAML		036	49.58			77	0.3				
KBN	HZ	59	245	EP		036	39.07	0.080							1.0
KBN	HN	59	245	ES		036	47.82	0.150							1.0
KBN	HZ	59	245	IAML		036	48.12			19	0.4				
LSK	HZ	105	222	EP		036	47.24	0.490							1.0
LSK	HN	105	222	ES		037	1.12	-.590							1.0
LSK	HN	105	222	IS		037	1.12	-.590							1.0
PHP	HZ	124	319	EP		036	49.66	-.230							1.0
PHP	HN	124	319	ES		037	6.99	-.410							1.0
PHP	HZ	124	319	IAML		037	9.39			9	0.3				
BERA	HZ	126	263	EP		036	50.76	0.610							1.0
BERA	HN	126	263	ES		037	7.54	-.330							1.0
THE	HZ	132	100	EP		036	50.80	-.510							1.0
THE	HN	132	100	ES		037	10.32	0.360							1.0
THL	HZ	152	160	EP		036	54.04	-.450							1.0
THL	HN	152	160	ES		037	15.43	-.300							1.0
SRN	HZ	162	229	EP		036	56.38	0.140							0.9
SRN	HN	162	229	ES		037	19.18	0.300							0.9
IGT	HZ	174	213	EP		036	59.11	0.940							0.9
IGT	HN	174	213	ES		037	22.50	0.130							0.9
PUK	HZ	184	316	EP		036	59.77	0.110							0.9
PUK	HN	184	316	ES		037	25.49	0.400							0.9
PUK	HZ	184	316	IAML		037	28.71			5	0.4				
KEK	HZ	187	228	EP		037	0.95	0.920							0.9
BCI	HZ	203	327	EP		037	1.17	-.840							0.9

**January 11 2022 Hour: 0:44 4.4 Lat: 40.85N Lon: 21.39E D: 15.9 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR 2.6MW TIR Rms: 0.4 secs**  
**41 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	57	211	EP		044	14.67	-.070							1.0
NEST	HN	57	211	ES		044	22.74	-.340							1.0
NEST	HZ	57	211	IAML		044	47.94			182	0.3				
KBN	HZ	57	243	EP		044	15.030	.270							1.0
KBN	HN	57	243	ES		044	23.700	.580							1.0
KBN	HZ	57	243	IAML		044	49.15			61	0.3				
LSK	HZ	103	221	EP		044	22.450	.040							1.0
LSK	HN	103	221	ES		044	36.42	-.540							1.0
PHP	HZ	122	320	EP		044	25.46	-.040							1.0
PHP	HN	122	320	ES		044	41.97	-.590							1.0
PHP	HZ	122	320	IAML		044	51.55			26	0.6				
BERA	HZ	123	263	EP		044	26.100	.470							1.0
THE	HZ	135	100	EP		044	27.43	-.300							1.0
THE	HN	135	100	ES		044	47.080	.480							1.0
THL	HZ	153	159	EP		044	30.25	-.280							1.0
THL	HN	153	159	ES		044	51.43	-.230							1.0
SRN	HZ	160	228	EP		044	32.250	.580							0.9

**January 11 2022 Hour: 0:52 24.3 Lat: 40.86N Lon: 21.43E D: 10.0F Ag: TIR Local**  
**Magnitudes: 3.6MW TIR Rms: 0.7 secs**  
**45 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	105	222	EP		052	42.12	-.600							1.0
PHP	HZ	124	318	EP		052	44.93	-.820							1.0
PHP	HN	124	318	ES		053	2.97	-.150							1.0
THE	HZ	132	100	EP		052	47.250	.140							1.0
THL	HZ	152	161	EP		052	49.62	-.780							1.0
IGT	HZ	174	213	EP		052	55.44	1.40							0.9
PUK	HZ	184	316	EP		052	55.600	.230							0.9
PDG	HZ	251	315	EP		053	4.800	.900							0.9

**January 11 2022 Hour: 1:12 0.6 Lat: 39.62N Lon: 20.51E D: 4.6 Ag: TIR Local**  
**Magnitudes: 3.6ML TIR Rms: 0.5 secs**  
**35 km E of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	19	237	EP		112	3.62	-.440							1.0
SRN	HZ	52	303	EP		112	10.480	.480							1.0
LSK	HZ	59	7	EP		112	10.68	-.470							1.0
KEK	HZ	62	279	EP		112	12.000	.250							1.0
KEK	HZ	62	279	IAML		112	25.47			977	0.7				
VLO	HZ	128	317	EP		112	23.120	.080							1.0
VLO	HN	128	317	ES		112	40.64	-.570							1.0
VLO	HZ	128	317	IAML		112	47.85			803	0.7				
BERA	HZ	129	338	EP		112	23.900	.670							1.0

**January 11 2022 Hour: 2:25 13.8 Lat: 40.87N Lon: 21.43E D: 10.0F Ag: TIR Local**  
**Magnitudes: 3.0ML TIR 3.6MW TIR Rms: 0.7 secs**  
**45 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	60	213	EP		225	24.910	.380							1.0
NEST	HN	60	213	ES		225	33.530	.340							1.0
KBN	HZ	61	244	EP		225	24.950	.270							1.0
KBN	HN	61	244	ES		225	32.67	-.790							1.0
LSK	HZ	106	222	EP		225	32.68	-.170							1.0
LSK	HN	106	222	ES		225	48.19	-.070							1.0
PHP	HZ	123	318	EP		225	35.910	.160							1.0
PHP	HN	123	318	ES		225	54.200	.710							1.0
BERA	HZ	126	262	EP		225	36.310	.000							1.0
BERA	HN	126	262	ES		225	55.070	.570							1.0

THE	HZ	132	101	EP		225	37.690.380									1.0
THE	HN	132	101	ES		225	55.99-.330									1.0
TIR	HZ	142	293	EP		225	39.110.220									1.0
TIR	HN	142	293	ES		225	58.18-1.00									1.0
THL	HZ	153	161	IP	A	225	40.70-.080									1.0
THL	HN	153	161	ES		226	1.24-1.37									1.0
BPA2	HZ	154	265	EP		225	41.110.260									1.0
SRN	HZ	164	228	EP		225	43.000.470									0.9
SRN	HN	164	228	ES		226	3.84-1.93									0.9
IGT	HZ	175	213	EP		225	45.86 1.36									0.9
IGT	HN	175	213	ES		226	9.900.570									0.9
IGT	HZ	175	213	IAML		226	17.49			69	0.6					
PUK	HZ	183	316	EP		225	45.47-.330									0.9
PUK	HN	183	316	ES		226	10.41-1.28									0.9
PUK	HZ	183	316	IAML		226	13.24			65	0.6					
KEK	HZ	189	228	EP		225	46.67-.030									0.9
KEK	HN	189	228	ES		226	14.60 1.29									0.9
KEK	HZ	189	228	IAML		226	17.30			105	1.0					
BCI	HZ	201	326	IP	A	225	47.79-.530									0.9
BCI	HN	201	326	ES		226	16.08-.160									0.9
BCI	HZ	201	326	IAML		226	21.53			99	0.5					
SDA	HZ	208	310	EP		225	49.240.160									0.9
SDA	HN	208	310	ES		226	17.730.100									0.9
SDA	HZ	208	310	IAML		226	25.09			50	0.6					
PDG	HZ	250	315	EP		225	55.130.590									0.9
PDG	HN	250	315	ES		226	27.830.330									0.9
PDG	HZ	250	315	IAML		226	31.25			24	0.4					

**January 11 2022 Hour: 3:12 7.2 Lat: 40.88N Lon: 21.39E D: 4.1 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR 2.4MW TIR Rms: 0.6 secs**  
**42 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	58	241	EP		312	18.080.410								1.0
KBN	HN	58	241	ES		312	25.80-.330								1.0
KBN	HZ	58	241	IAML		312	27.01			25	0.3				
NEST	HZ	59	210	EP		312	17.970.170								1.0
NEST	HN	59	210	ES		312	26.21-.160								1.0
NEST	HZ	59	210	IAML		312	27.51			99	0.2				
LSK	HZ	105	220	EP		312	25.41-.530								1.0
LSK	HN	105	220	ES		312	39.93-1.18								1.0
PHP	HZ	120	319	EP		312	28.33-.050								1.0
PHP	HN	120	319	ES		312	44.69-.840								1.0
BERA	HZ	123	261	EP		312	28.64-.270								1.0
BERA	HN	123	261	ES		312	47.470.980								1.0
SRN	HZ	162	227	EP		312	35.990.640								0.9
SRN	HN	162	227	ES		312	58.810.660								0.9
PUK	HZ	180	316	EP		312	38.720.290								0.9
PUK	HN	180	316	ES		313	3.53-.180								0.9
PUK	HZ	180	316	IAML		313	9.44			3	0.3				
BCI	HZ	199	327	EP		312	40.74-.110								0.9
SDA	HZ	205	310	EP		312	42.300.750								0.9

**January 11 2022 Hour: 4:42 35.7 Lat: 40.81N Lon: 21.49E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR 2.0MW TIR Rms: 0.7 secs**  
**46 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	57	221	EP		442	46.870.900								1.0
NEST	HN	57	221	ES		442	54.660.330								1.0
NEST	HZ	57	221	IAML		442	55.38			45	0.2				
KBN	HZ	63	252	EP		442	47.010.130								1.0
KBN	HN	63	252	ES		442	54.31-1.67								1.0
LSK	HZ	105	226	EP		442	54.120.200								1.0
LSK	HN	105	226	ES		443	8.880.160								1.0
THL	HZ	145	162	EP		443	0.19-.290								1.0

THL	HN	145	162	ES		443	19.95-	.640									1.0
SRN	HZ	163	231	EP		443	3.890-	.350									0.9
SRN	HN	163	231	ES		443	26.690-	.560									0.9

**January 11 2022 Hour: 5:11 54.5 Lat: 40.84N Lon: 21.23E D: 21.9 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR 2.6MW TIR Rms: 0.5 secs**  
**28 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	44	238	EP		512	3.760-	.660							1.0
KBN	HN	44	238	ES		512	10.01-	.050							1.0
KBN	HZ	44	238	IAML		512	12.10			39	0.3				
NEST	HZ	49	198	EP		512	3.59-	.300							1.0
NEST	HN	49	198	ES		512	11.01-	.490							1.0
NEST	HZ	49	198	IAML		512	12.74			86	0.2				
LSK	HZ	93	215	EP		512	10.53-	.440							1.0
LSK	HN	93	215	ES		512	24.760-	.460							1.0
BERA	HZ	109	263	EP		512	14.190-	.780							1.0
BERA	HZ	109	263	IP		512	14.190-	.780							1.0
BERA	HN	109	263	ES		512	27.88-	.850							1.0
PHP	HZ	115	325	EP		512	13.95-	.440							1.0
PHP	HN	115	325	ES		512	30.38-	.110							1.0

**January 11 2022 Hour: 6:13 22.8 Lat: 40.84N Lon: 21.40E D: 28.9 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR Rms: 0.3 secs**  
**41 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	56	212	IP		613	33.630-	.120							1.0
NEST	HN	56	212	IS		613	41.81-	.370							1.0
NEST	HZ	56	212	IAML		613	42.71			44	0.2				
KBN	HZ	57	245	IP		613	33.940-	.290							1.0
KBN	HN	57	245	IS		613	42.13-	.300							1.0
KBN	HZ	57	245	IAML		613	43.34			21	0.2				
LSK	HZ	102	222	IP		613	41.220-	.560							1.0
LSK	HN	102	222	IS		613	55.260-	.150							1.0
PHP	HZ	123	320	IP		613	44.020-	.090							1.0
PHP	HN	123	320	IS		614	0.84-	.190							1.0
THL	HZ	151	159	IP		613	47.23-	.380							1.0

**January 11 2022 Hour: 6:17 40.3 Lat: 40.83N Lon: 21.42E D: 4.0 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR 2.6MW TIR Rms: 0.9 secs**  
**44 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	56	215	EP		617	50.580-	.320							1.0
NEST	HN	56	215	ES		617	57.20-	1.12							1.0
NEST	HZ	56	215	IAML		617	59.86			227	0.2				
KBN	HZ	58	248	EP		617	51.170-	.450							1.0
KBN	HZ	58	248	IAML		617	59.20			55	0.2				
LSK	HZ	103	223	EP		617	57.76-	.840							1.0
BERA	HZ	125	264	EP		618	2.510-	.200							1.0
BERA	HZ	125	264	IAML		618	24.41			29	0.2				
PHP	HZ	126	320	EP		618	1.81-	.680							1.0
PHP	HZ	126	320	IAML		618	22.77			8	0.2				
THL	HZ	149	160	EP		618	6.25-	.010							1.0
THL	HN	149	160	ES		618	27.00-	.280							1.0
SRN	HZ	160	229	EP		618	10.37	2.24							0.9
IGT	HZ	171	213	EP		618	10.570-	.600							0.9
IGT	HN	171	213	ES		618	33.31-	.690							0.9
KEK	HZ	185	229	EP		618	13.34	1.15							0.9
PUK	HZ	186	317	EP		618	10.88-	1.48							0.9
BCI	HZ	205	327	EP		618	15.080-	.330							0.9



January 11 2022 Hour: 6:20 42.9 Lat: 40.91N Lon: 21.45E D: 8.3 Ag: TIR Local  
 Magnitudes: 2.7ML TIR 3.2MW TIR Rms: 0.7 secs  
 49 km E of Pustec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	65	241	EP		620	54.29	-.280							1.0
NEST	HZ	65	212	EP		620	54.19	-.410							1.0
PHP	HZ	121	316	EP		621	3.64	-.360							1.0
PHP	HN	121	316	ES		621	20.89	-.180							1.0
PHP	HZ	121	316	IAML		621	24.21		88	0.3					1.0
BERA	HZ	129	260	IP		621	5.360	.050							1.0
THE	HZ	131	103	IP		621	4.77	-.900							1.0
THE	HN	131	103	ES		621	24.180	.080							1.0
TIR	HZ	142	291	IP		621	6.70	-.790							1.0
TIR	HN	142	291	ES		621	27.860	.470							1.0
TIR	HZ	142	291	IAML		621	33.19		26	0.7					1.0
IGT	HZ	180	212	IP		621	15.60	1.97							0.9
IGT	HN	180	212	ES		621	38.37	-.150							0.9
IGT	HZ	180	212	IAML		621	44.47		33	0.8					0.9
PUK	HZ	181	314	EP		621	13.84	-.000							0.9
PUK	HN	181	314	IS		621	39.220	.330							0.9
PUK	HZ	181	314	IAML		621	42.27		26	0.6					0.9
KEK	HZ	194	227	IP		621	15.780	.450							0.9
KEK	HN	194	227	ES		621	40.53	-1.06							0.9
BCI	HZ	199	325	IP		621	16.960	.910							0.9
BCI	HN	199	325	ES		621	42.28	-.610							0.9
BCI	HZ	199	325	IAML		621	52.59		57	0.5					0.9
SDA	HZ	207	308	IP		621	18.36	1.38							0.9
SDA	HN	207	308	ES		621	44.54	-.040							0.9
PDG	HZ	249	313	IP		621	22.780	.390							0.9
PDG	HN	249	313	ES		621	53.35	-1.01							0.9
PDG	HZ	249	313	IAML		621	59.64		20	0.7					0.9

January 11 2022 Hour: 6:33 16.7 Lat: 40.88N Lon: 21.37E D: 6.6 Ag: TIR Local  
 Magnitudes: 2.9ML TIR 3.6MW TIR Rms: 0.7 secs  
 40 km E of Pustec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	57	240	EP		633	27.080	.150							1.0
KBN	HN	57	240	ES		633	34.83	-.370							1.0
KBN	HZ	57	240	IAML		633	36.87		243	0.3					1.0
NEST	HZ	58	208	EP		633	27.21	-.030							1.0
NEST	HN	58	208	ES		633	35.35	-.400							1.0
NEST	HZ	58	208	IAML		633	37.60		483	0.2					1.0
NEST	HN	58	208	E		633	46.43								1.0
LSK	HZ	104	219	EP		633	34.47	-.650							1.0
LSK	HN	104	219	ES		633	51.10	1.08							1.0
LSK	HZ	104	219	IAML		633	54.17		208	0.7					1.0
PHP	HN	118	319	ES		633	54.620	.360							1.0
BERA	HZ	121	261	EP		633	37.89	-.040							1.0
TIR	HZ	136	293	IP		633	40.460	.010							1.0
TIR	HN	136	293	ES		634	0.500	.830							1.0
TIR	HZ	136	293	IAML		634	5.03		51	0.5					1.0
THE	HZ	138	101	EP		633	40.960	.280							1.0
THE	HN	138	101	ES		634	0.880	.790							1.0
THE	HZ	138	101	IAML		634	3.14		71	0.4					1.0
THL	HZ	156	159	EP		633	42.72	-1.04							1.0
SRN	HZ	161	227	IP		633	45.340	.850							0.9
SRN	HN	161	227	ES		634	6.88	-.100							0.9
SRN	HZ	161	227	IAML		634	13.59		48	0.4					0.9
IGT	HZ	174	211	IP		633	47.010	.320							0.9
IGT	HN	174	211	ES		634	11.130	.180							0.9
IGT	HZ	174	211	IAML		634	19.26		65	1.1					0.9
PUK	HZ	178	317	IP		633	46.73	-.750							0.9
PUK	HN	178	317	ES		634	12.33	-.060							0.9

PUK	HZ	178	317	IAML	634	19.42			56	0.6					
KEK	HZ	186	226	EP	633	48.38	-.000								0.9
KEK	HN	186	226	ES	634	13.28	-.750								0.9
KEK	HZ	186	226	IAML	634	22.01			80	0.8					
BCI	HZ	197	327	IP	633	48.65	-1.22								0.9
BCI	HN	197	327	ES	634	15.41	-1.30								0.9
BCI	HZ	197	327	IAML	634	24.75			92	0.9					
SDA	HZ	203	310	IP	633	50.31	-.210								0.9
SDA	HN	203	310	ES	634	18.800	.910								0.9
SDA	HZ	203	310	IAML	634	33.76			60	0.8					
PDG	HZ	246	315	IP	633	57.08	1.08								0.9

**January 11 2022 Hour: 7: 6 52.0 Lat: 40.82N Lon: 21.17E D: 15.0F Ag: TIR Local**  
**Magnitudes: 2.1ML TIR Rms: 0.6 secs**  
**24 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	46	193	IP		7 6	59.55	-.620							1.0
NEST	HN	46	193	IS		7 7	6.40	-.420							1.0
NEST	HZ	46	193	IAML		7 7	7.62			67	0.2				
LSK	HZ	89	213	IP		7 7	8.350	.560							1.0
LSK	HN	89	213	IS		7 7	20.44	-.180							1.0
LSK	HZ	89	213	IAML		7 7	31.89			28	3.9				
PHP	HZ	114	328	EP		7 7	13.35	1.01							1.0
PHP	HN	114	328	IS		7 7	27.90	-.950							1.0
PHP	HZ	114	328	IAML		7 7	40.55			18	3.6				
SRN	HZ	144	224	IP		7 7	17.680	.300							1.0
SRN	HN	144	224	IS		7 7	38.300	.340							1.0

**January 11 2022 Hour: 7:31 2.8 Lat: 40.81N Lon: 21.28E D: 23.1 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR Rms: 0.6 secs**  
**32 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	48	204	IP		731	11.83	-.270							1.0
NEST	HN	48	204	IS		731	19.29	-.340							1.0
NEST	HZ	48	204	IAML		731	21.35			43	0.2				
LSK	HZ	94	218	IP		731	19.860	.620							1.0
LSK	HN	94	218	IS		731	32.710	.140							1.0
LSK	HZ	94	218	IAML		731	44.57			37	2.8				
PHP	HZ	120	324	IP		731	24.170	.820							1.0
PHP	HZ	120	324	IAML		731	31.89			19	4.3				
PHP	HN	120	324	IS		731	39.15	-.850							1.0
THL	HZ	152	156	IP		731	28.760	.540							1.0
THL	HN	152	156	IS		731	48.14	-.680							1.0

**January 11 2022 Hour: 8:16 31.8 Lat: 40.84N Lon: 21.31E D: 4.9 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR Rms: 0.6 secs**  
**35 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	50	242	IP		816	40.78	-.060							1.0
KBN	HN	50	242	IS		816	47.65	-.500							1.0
KBN	HZ	50	242	IAML		816	49.47			699	0.2				
NEST	HZ	52	206	IP		816	40.89	-.240							1.0
NEST	HN	52	206	IS		816	48.730	.050							1.0
NEST	HZ	52	206	IAML		816	50.28			100	0.3				
LSK	HZ	97	219	IP		816	50.23	1.04							1.0
LSK	HN	97	219	IS		817	3.490	.230							1.0
LSK	HZ	97	219	IAML		817	34.05			26	1.4				
PHP	HZ	119	323	IP		816	53.380	.560							1.0
PHP	HN	119	323	IS		817	9.15	-.680							1.0
PHP	HZ	119	323	IAML		817	23.89			17	2.6				
THL	HZ	153	157	IP		816	58.980	.510							1.0
THL	HN	153	157	IS		817	19.09	-.970							1.0

**January 11 2022 Hour: 8:27 28.1 Lat: 40.88N Lon: 21.34E D: 9.5 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR Rms: 0.3 secs**  
**32 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	55	238	EP		827	38.06	-.100							1.0
KBN	HN	55	238	IS		827	46.18	-.100							1.0
KBN	HZ	55	238	IAML		827	49.47			33	2.3				
NEST	HZ	58	206	IP		827	39.080	.430							1.0
NEST	HN	58	206	IS		827	47.150	.000							1.0
NEST	HZ	58	206	IAML		827	48.66			119	0.6				
LSK	HZ	103	218	IP		827	45.99	-.210							1.0
LSK	HN	103	218	IS		828	0.870	.040							1.0
PHP	HZ	117	320	EP		827	48.01	-.420							1.0
PHP	HN	117	320	IS		828	5.200	.350							1.0
PHP	HZ	117	320	IAML		828	7.62			5	0.3				

**January 11 2022 Hour: 8:46 13.0 Lat: 40.79N Lon: 21.32E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR Rms: 0.4 secs**  
**33 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	48	209	IP		846	21.52	-.150							1.0
NEST	HN	48	209	IS		846	28.43	-.300							1.0
NEST	HZ	48	209	IAML		846	30.22			227	0.2				
KBN	HZ	49	248	IP		846	22.480	.620							1.0
KBN	HN	49	248	IS		846	28.78	-.300							1.0
KBN	HZ	49	248	IAML		846	30.30			56	0.2				
LSK	HZ	94	221	IP		846	30.080	.710							1.0
LSK	HN	94	221	IS		846	42.67	-.010							1.0
LSK	HZ	94	221	IAML		846	45.84			41	2.5				
PHP	HZ	124	324	IP		846	34.740	.390							1.0
PHP	HN	124	324	IS		846	51.07	-.620							1.0
PHP	HZ	124	324	IAML		847	31.76			17	4.6				
THL	HZ	148	156	IP		846	38.25	-.110							1.0
THL	HN	148	156	IS		846	58.67	-.270							1.0

**January 11 2022 Hour: 9:48 18.2 Lat: 40.79N Lon: 21.44E D: 15.0F Ag: TIR Local**  
**Magnitudes: 2.9ML TIR 3.4MW TIR Rms: 0.9 secs**  
**41 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	53	219	IP		948	27.20	-.630							1.0
NEST	HN	53	219	IS		948	35.19	-.450							1.0
NEST	HZ	53	219	IAML		948	35.67			634	0.6				
KBN	HZ	58	252	IP		948	27.58	-1.06							1.0
KBN	HN	58	252	IS		948	35.90	-1.21							1.0
KBN	HZ	58	252	IAML		948	45.49			131	0.6				
LSK	HZ	100	225	IP		948	35.10	-.600							1.0
LSK	HN	100	225	IS		948	49.75	-.140							1.0
LSK	HZ	100	225	IAML		948	53.42			198	0.7				
BERA	HZ	126	266	IP		948	39.70	-.230							1.0
BERA	HN	126	266	IS		948	58.100	.570							1.0
BERA	HZ	126	266	IAML		949	4.86			77	0.7				
PHP	HZ	130	320	IP		948	39.50	-1.13							1.0
PHP	HZ	130	320	IAML		948	46.06			43	1.7				
PHP	HN	130	320	IS		948	57.22	-1.59							1.0
THE	HZ	130	97	IP	A	948	40.46	-.150							1.0
THE	HZ	130	97	IAML	A	949	2.74			45	1.2				
THL	HZ	144	160	IP		948	42.32	-.650							1.0
THL	HN	144	160	IS		949	3.480	.440							1.0
BPA2	HZ	154	268	IP	A	948	45.220	.750							1.0
SRN	HZ	158	231	IP		948	45.650	.460							0.9
SRN	HN	158	231	IS		949	8.27	1.20							0.9
SRN	HZ	158	231	IAML		949	16.55			64	0.6				
IGT	HZ	168	214	IP		948	47.450	.860							0.9

IGT	HN	168	214	IS		949	10.170.580									0.9
IGT	HZ	168	214	IAML		949	18.85		58	0.8						
KEK	HZ	183	230	IP	4A	948	54.13 5.58									0.0
PUK	HZ	190	318	IP		948	48.44-1.03									0.9
PUK	HN	190	318	IS		949	15.740.920									0.9
PUK	HZ	190	318	IAML		949	17.88		26	0.6						
BCI	HZ	209	327	IP	A	948	52.700.800									0.9
BCI	HZ	209	327	IAML	A	949	28.17		49	0.9						
SDA	HZ	214	312	IP		948	53.330.860									0.9
SDA	HN	214	312	IS		949	22.65 2.41									0.9
SDA	HZ	214	312	IAML		949	29.44		68	2.7						

**January 11 2022 Hour: 13: 7 43.3 Lat: 40.70N Lon: 21.45E D: 21.8 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR Rms: 0.6 secs**  
**38 km E of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	47	227	IP		13 7	52.24-	.010							1.0
NEST	HN	47	227	IS		13 7	59.03-	.470							1.0
NEST	HZ	47	227	IAML		13 8	0.85		91	0.3					
KBN	HN	57	262	IS		13 8	2.12-	.280							1.0
KBN	HZ	57	262	IAML		13 8	3.73		29	2.7					
LSK	HZ	95	230	IP		13 8	0.550.540								1.0
LSK	HN	95	230	IS		13 8	14.56	1.02							1.0
LSK	HZ	95	230	IAML		13 8	21.19		25	0.9					
THL	HZ	135	159	IP		13 8	5.87-	.360							1.0
SRN	HZ	153	234	IP		13 8	9.600.540								1.0
SRN	HN	153	234	ES		13 8	28.85-	1.06							1.0

**January 11 2022 Hour: 13:23 57.3 Lat: 40.77N Lon: 21.48E D: 15.0 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR Rms: 0.4 secs**  
**42 km E of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	54	222	IP		1324	7.010.130								1.0
NEST	HN	54	222	IS		1324	14.08-	.560							1.0
NEST	HZ	54	222	IAML		1324	14.79		67	0.2					
KBN	HZ	61	254	IP		1324	7.53-	.560							1.0
KBN	HN	61	254	IS		1324	17.070.240								1.0
LSK	HZ	102	227	IP		1324	15.770.350								1.0
LSK	HN	102	227	IS		1324	29.99-	.120							1.0
LSK	HZ	102	227	IAML		1324	32.81		10	0.8					
THL	HZ	142	161	IP		1324	21.91-	.410							1.0
THL	HN	142	161	IS		1324	42.900.300								1.0
THL	HZ	142	161	IAML		1324	45.66		31	0.3					
SRN	HZ	160	232	IP		1324	25.690.360								0.9
SRN	HN	160	232	IS		1324	48.380.340								0.9

**January 11 2022 Hour: 15:14 29.7 Lat: 40.83N Lon: 21.37E D: 11.1 Ag: TIR Local**  
**Magnitudes: 4.3ML TIR Rms: 0.7 secs**  
**38 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	53	211	EP		1514	39.830.560								1.0
NEST	HE	53	211	ES		1514	46.83-	.200							1.0
NEST	HZ	53	211	IAML		1514	48.40		19016	0.3					
KBN	HZ	54	246	EP		1514	39.34-	.070							1.0
KBN	HN	54	246	ES		1514	46.86-	.420							1.0
KBN	HZ	54	246	IAML		1514	48.40		8938	0.2					
LSK	HZ	99	221	EP		1514	47.040.040								1.0
LSK	HN	99	221	ES		1515	0.62-	.400							1.0
LSK	HZ	99	221	IAML		1515	7.82		4372	0.5					
BERA	HZ	120	264	EP		1514	49.56-	.910							1.0
BERA	HE	120	264	ES		1515	7.29-	.020							1.0
BERA	HZ	120	264	IAML		1515	15.53		2342	0.4					
PHP	HZ	123	321	EP		1514	49.76-	1.19							1.0
PHP	HN	123	321	ES		1515	7.81-	.360							1.0

PHP	HZ	123	321	IAML	1515	9.60		4678	1.0	
THE	HZ	137	98	EP	1514	54.040.870				1.0
THE	HN	137	98	ES	1515	11.76-.430				1.0
THE	HZ	137	98	IAML	1515	13.61		1006	1.5	
TIR	HZ	139	295	EP	1514	53.30-.260				1.0
TIR	HZ	139	295	IAML	1515	23.80		1037	0.5	
BPA2	HZ	148	267	EP	1514	55.560.510				1.0
THL	HZ	150	158	EP	1514	55.510.060				1.0
THL	HE	150	158	ES	1515	15.20-1.12				1.0
SRN	HZ	156	228	EP	1514	56.690.230				1.0
SRN	HE	156	228	ES	1515	17.53-.620				1.0
SRN	HZ	156	228	IAML	1515	21.55		1524	0.8	
VLO	HZ	163	257	EP	1514	59.08 1.49				0.9
VLO	HN	163	257	ES	1515	20.11-.080				0.9
VLO	HZ	163	257	IAML	1515	25.31		3018	0.7	
IGT	HZ	168	212	EP	1514	59.55 1.08				0.9
IGT	HE	168	212	ES	1515	21.77-.010				0.9
IGT	HZ	168	212	IAML	1515	31.62		1459	0.5	
KEK	HZ	182	228	EP	1515	0.840.600				0.9
KEK	HZ	182	228	IAML	1515	34.43		2020	0.8	
PUK	HZ	183	318	EP	1515	0.11-.370				0.9
PUK	HE	183	318	ES	1515	25.01-.410				0.9
PUK	HZ	183	318	IAML	1515	32.33		1114	0.5	
BCI	HZ	203	328	EP	1515	2.93-.020				0.9
BCI	HZ	203	328	IAML	1515	34.22		1780	1.1	
SDA	HZ	207	312	EP	1515	4.400.940				0.9
PDG	HZ	250	316	EP	1515	10.26 1.27				0.9
RDO	HZ	353	83	EP	1515	20.93-1.19				0.8
ITM	HZ	408	173	EP	1515	30.140.930				0.7

**January 11 2022 Hour: 15:30 42.0 Lat: 40.85N Lon: 21.38E D: 1.5 Ag: TIR Local**  
**Magnitudes: 2.9ML TIR Rms: 0.7 secs**  
**41 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	56	210	EP		1530	52.200.110								1.0
KBN	HZ	56	243	EP		1530	52.300.200								1.0
KBN	HN	56	243	ES		1531	0.590.330								1.0
KBN	HZ	56	243	IAML		1531	3.33			325	0.2				
NEST	HE	56	210	ES		1531	0.560.300								1.0
NEST	HZ	56	210	IAML		1531	4.27			1039	0.2				
LSK	HZ	103	221	EP		1531	0.17-.180								1.0
LSK	HN	103	221	ES		1531	14.31-.890								1.0
LSK	HZ	103	221	IAML		1531	19.11			141	0.4				
PHP	HZ	121	320	EP		1531	2.77-.830								1.0
PHP	HN	121	320	ES		1531	21.230.150								1.0
PHP	HZ	121	320	IAML		1531	24.39			82	0.5				
BERA	HN	122	263	ES		1531	21.19-.060								1.0
THE	HZ	136	100	EP		1531	7.08 1.09								1.0
TIR	HZ	139	294	EP		1531	6.17-.290								1.0
THL	HZ	153	159	EP		1531	7.93-.900								1.0
THL	HN	153	159	ES		1531	29.48-1.06								1.0
SRN	HZ	160	228	EP		1531	10.310.380								0.9
SRN	HN	160	228	ES		1531	32.21-.340								0.9
SRN	HZ	160	228	IAML		1531	37.57			57	0.6				
IGT	HZ	172	212	EP		1531	13.27 1.28								0.9
IGT	HE	172	212	ES		1531	36.630.360								0.9
IGT	HZ	172	212	IAML		1531	46.94			55	0.7				
PUK	HZ	181	317	EP		1531	13.02-.600								0.9
KEK	HZ	185	227	EP		1531	15.21 1.04								0.9

January 11 2022 Hour: 15:47 16.9 Lat: 40.84N Lon: 21.35E D: 11.1 Ag: TIR Local  
 Magnitudes: 2.0ML TIR Rms: 0.7 secs  
 37 km E of Pustec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	53	243	EP		1547	27.85	1.34							1.0
KBN	HN	53	243	ES		1547	33.55	-.750							1.0
KBN	HZ	53	243	IAML		1547	36.04			20	0.2				
NEST	HZ	54	208	EP		1547	27.070	.450							1.0
NEST	HN	54	208	ES		1547	34.45	-.050							1.0
NEST	HZ	54	208	IAML		1547	36.28			67	0.2				
LSK	HZ	100	220	EP		1547	34.780	.510							1.0
LSK	HN	100	220	ES		1547	47.47	-.870							1.0
LSK	HZ	100	220	IAML		1547	50.99			18	0.5				
PHP	HZ	121	321	EP		1547	37.17	-.580							1.0
PHP	HN	121	321	ES		1547	54.700	.070							1.0
THL	HZ	153	158	EP		1547	43.01	-.050							1.0
THL	HN	153	158	ES		1548	3.87	-.380							1.0
IGT	HZ	169	211	EP		1547	45.12	-.690							0.9
IGT	HN	169	211	ES		1548	10.210	.990							0.9

January 11 2022 Hour: 15:53 5.2 Lat: 40.84N Lon: 21.37E D: 11.1 Ag: TIR Local  
 Magnitudes: 2.2ML TIR Rms: 0.6 secs  
 39 km E of Pustec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	55	244	EP		1553	15.290	.240							1.0
NEST	HZ	55	209	EP		1553	15.540	.470							1.0
NEST	HE	55	209	ES		1553	23.00	-.070							1.0
NEST	HZ	55	209	IAML		1553	24.67			135	0.4				
KBN	HN	55	244	ES		1553	22.05	-.980							1.0
KBN	HZ	55	244	IAML		1553	23.89			55	0.4				
LSK	HZ	101	220	EP		1553	23.140	.380							1.0
LSK	HN	101	220	ES		1553	37.020	.040							1.0
LSK	HZ	101	220	IAML		1553	39.94			38	0.8				
PHP	HZ	121	321	EP		1553	25.98	-.190							1.0
PHP	HN	121	321	ES		1553	42.42	-.740							1.0
PHP	HZ	121	321	IAML		1553	51.38			13	0.7				
THL	HZ	152	159	EP		1553	31.550	.260							1.0
THL	HE	152	159	ES		1553	50.91	-1.52							1.0
SRN	HZ	158	228	EP		1553	32.420	.230							0.9
SRN	HN	158	228	ES		1553	53.98	-.080							0.9
IGT	HZ	170	211	EP		1553	35.38	1.12							0.9
IGT	HN	170	211	ES		1553	58.260	.450							0.9
PUK	HZ	181	318	EP		1553	36.280	.500							0.9

January 11 2022 Hour: 15:57 0.4 Lat: 40.80N Lon: 21.35E D: 13.9 Ag: TIR Local  
 Magnitudes: 2.5ML TIR Rms: 0.5 secs  
 35 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	50	211	EP		1557	9.940	.490							1.0
NEST	HN	50	211	ES		1557	16.72	-.070							1.0
NEST	HZ	50	211	IAML		1557	17.88			496	0.5				
KBN	HZ	51	248	EP		1557	10.110	.400							1.0
KBN	HE	51	248	ES		1557	17.10	-.160							1.0
KBN	HZ	51	248	IAML		1557	18.92			87	0.2				
LSK	HZ	96	222	EP		1557	17.10	-.070							1.0
LSK	HN	96	222	ES		1557	29.88	-.870							1.0
LSK	HZ	96	222	IAML		1557	34.01			71	0.5				
BERA	HN	119	265	ES		1557	37.590	.120							1.0
BERA	HZ	119	265	IAML		1557	44.54			45	0.8				
PHP	HZ	124	323	EP		1557	22.010	.110							1.0
PHP	HN	124	323	ES		1557	39.16	-.150							1.0
PHP	HZ	124	323	IAML		1557	41.63			57	0.8				
THL	HZ	148	157	EP		1557	25.08	-.740							1.0

SRN	HZ	153	229	EP		1557	27.73	1.08									1.0
SRN	HN	153	229	ES		1557	47.62	-.300									1.0
SRN	HZ	153	229	IAML		1557	50.92			28	0.4						
IGT	HZ	165	212	EP		1557	28.30	-.210									0.9
IGT	HN	165	212	ES		1557	51.36	0.080									0.9
IGT	HZ	165	212	IAML		1557	53.58			52	0.6						
KEK	HN	179	228	ES		1557	55.07	0.650									0.9
PUK	HZ	184	319	EP		1557	31.75	0.700									0.9
PUK	HN	184	319	ES		1557	54.87	-1.01									0.9
PUK	HZ	184	319	IAML		1558	0.13			14	0.8						

**January 11 2022 Hour: 16:13 32.9 Lat: 40.83N Lon: 21.33E D: 11.1 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR Rms: 0.4 secs**  
**36 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	52	243	EP		1613	42.82	0.500							1.0
KBN	HN	52	243	ES		1613	49.35	-.580							1.0
KBN	HZ	52	243	IAML		1613	51.40			22	0.3				
NEST	HZ	53	208	EP		1613	42.98	0.530							1.0
NEST	HN	53	208	ES		1613	50.19	0.020							1.0
NEST	HZ	53	208	IAML		1613	52.16			75	0.2				
LSK	HZ	98	220	EP		1613	50.37	0.280							1.0
LSK	HN	98	220	ES		1614	3.51	-.470							1.0
PHP	HZ	121	322	EP		1613	53.34	-.420							1.0
PHP	HN	121	322	ES		1614	10.70	0.070							1.0
PHP	HZ	121	322	IAML		1614	12.82			9	0.3				
THL	HZ	152	157	EP		1613	58.96	-.080							1.0
THL	HN	152	157	ES		1614	19.87	-.320							1.0
SRN	HE	155	227	ES		1614	21.48	0.470							1.0

**January 11 2022 Hour: 16:24 1.8 Lat: 40.79N Lon: 21.40E D: 12.1 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR Rms: 0.7 secs**  
**38 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	51	216	EP		1624	11.15	0.120							1.0
NEST	HE	51	216	ES		1624	18.88	0.340							1.0
NEST	HZ	51	216	IAML		1624	20.00			219	0.2				
KBN	HZ	55	251	EP		1624	12.32	0.660							1.0
KBN	HN	55	251	ES		1624	18.59	-1.09							1.0
KBN	HZ	55	251	IAML		1624	20.62			86	0.2				
LSK	HZ	98	224	EP		1624	18.58	-.300							1.0
LSK	HN	98	224	ES		1624	32.85	0.100							1.0
LSK	HZ	98	224	IAML		1624	37.80			35	0.4				
BERA	HN	123	266	ES		1624	40.81	0.710							1.0
PHP	HZ	128	321	EP		1624	25.02	1.18							1.0
PHP	HN	128	321	ES		1624	40.56	-1.16							1.0
PHP	HZ	128	321	IAML		1624	42.10			38	1.1				
THL	HZ	146	159	EP		1624	27.38	0.640							1.0
THL	HN	146	159	ES		1624	45.81	-1.16							1.0
SRN	HZ	156	230	EP		1624	28.57	0.130							1.0
SRN	HN	156	230	ES		1624	49.27	-.780							1.0
IGT	HZ	166	213	EP		1624	29.95	-.270							0.9
IGT	HE	166	213	ES		1624	54.18	0.910							0.9
PUK	HZ	188	318	EP		1624	33.16	0.100							0.9
PUK	HN	188	318	ES		1624	58.28	-.140							0.9

**January 11 2022 Hour: 16:26 55.5 Lat: 40.83N Lon: 21.40E D: 6.3 Ag: TIR Local**  
**Magnitudes: 2.6ML TIR Rms: 0.5 secs**  
**41 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	55	213	EP		1627	5.93	0.490							1.0
NEST	HN	55	213	ES		1627	13.56	0.060							1.0
NEST	HZ	55	213	IAML		1627	14.73			197	0.3				
KBN	HZ	57	246	EP		1627	6.05	0.330							1.0

KBN	HN	57	246	ES	1627	13.63-	.380										1.0
LSK	HZ	102	222	EP	1627	13.50-	.050										1.0
LSK	HN	102	222	ES	1627	27.58-	.590										1.0
PHP	HZ	124	320	EP	1627	15.83-	1.40										1.0
THL	HZ	150	159	EP	1627	21.06-	.480										1.0
THL	HN	150	159	ES	1627	42.47-	.170										1.0
SRN	HZ	159	229	EP	1627	23.550.	.510										0.9
SRN	HE	159	229	ES	1627	45.720.	.360										0.9
IGT	HZ	171	213	EP	1627	25.300.	.330										0.9
IGT	HN	171	213	ES	1627	48.71-	.140										0.9
PUK	HZ	184	317	EP	1627	27.800.	.770										0.9
BCI	HZ	203	327	EP	1627	29.980.	.540										0.9

**January 11 2022 Hour: 16:29 38.5 Lat: 40.81N Lon: 21.36E D: 6.7 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR 2.2MW TIR Rms: 0.8 secs**

**38 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	51	211	EP		1629	47.53-	.200							1.0
NEST	HN	51	211	ES		1629	55.01-	.230							1.0
NEST	HZ	51	211	IAML	A	1629	56.88			50	0.3				
KBN	HZ	53	247	EP		1629	47.95-	.040							1.0
KBN	HN	53	247	ES		1629	55.15-	.560							1.0
LSK	HZ	98	222	EP		1629	55.970.	.160							1.0
LSK	HN	98	222	ES		1630	9.960.	.090							1.0
LSK	HZ	98	222	IAML	A	1630	44.55			39	4.1				
PHP	HZ	124	322	EP		1630	1.030.	.860							1.0
PHP	HN	124	322	ES		1630	16.62-	1.13							1.0
PHP	HZ	124	322	IAML	A	1630	40.67			22	3.3				
THL	HZ	149	158	IP		1630	3.96-	.320							1.0
THL	HN	149	158	ES		1630	24.28-	.920							1.0
SRN	HZ	155	229	IP		1630	7.33	2.03							1.0
SRN	HE	155	229	ES		1630	26.27-	.760							1.0
SRN	HZ	155	229	IAML	A	1631	8.84			42	3.5				
IGT	HZ	167	212	EP		1630	7.940.	.680							0.9
IGT	HE	167	212	ES		1630	31.070.	.470							0.9

**January 11 2022 Hour: 16:37 25.3 Lat: 40.80N Lon: 21.40E D: 10.9 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR 2.6MW TIR Rms: 0.9 secs**

**39 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	52	215	EP		1637	35.280.	.530							1.0
NEST	HE	52	215	ES		1637	42.420.	.030							1.0
NEST	HZ	52	215	IAML	A	1637	43.78			135	0.2				
KBN	HZ	55	249	EP		1637	35.690.	.430							1.0
KBN	HN	55	249	ES		1637	42.54-	.760							1.0
KBN	HZ	55	249	IAML	A	1637	44.89			95	0.5				
LSK	HZ	99	223	EP		1637	42.42-	.160							1.0
LSK	HN	99	223	ES		1637	55.93-	.630							1.0
BERA	HN	123	265	ES		1638	3.53-	.080							1.0
PHP	HZ	127	321	EP		1637	46.41-	.780							1.0
PHP	HN	127	321	ES		1638	3.81-	1.10							1.0
PHP	HZ	127	321	IAML	A	1638	9.29			19	1.1				
THE	HZ	134	98	EP		1637	48.850.	.490							1.0
THL	HZ	147	159	EP		1637	49.85-	.680							1.0
THL	HN	147	159	ES		1638	9.68-	1.27							1.0
SRN	HZ	157	230	EP		1637	49.57-	2.55							0.2
SRN	HN	157	230	ES		1638	14.92	1.10							1.0
IGT	HZ	167	213	EP		1637	54.95	1.00							0.9
IGT	HN	167	213	ES		1638	17.590.	.450							0.9
PUK	HZ	187	318	EP		1637	56.49-	.110							0.9
BCI	HZ	206	328	EP		1638	1.18	2.11							0.9



January 11 2022 Hour: 17:127.6 Lat: 40.84N Lon: 21.40E D: 11.1 Ag: TIR Local  
 Magnitudes: 3.6ML TIR 3.9MW TIR Rms: 0.8 secs  
 42 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	56	212	EP		17	1	37.790.020							1.0
NEST	HN	56	212	ES		17	1	44.97-1.01							1.0
NEST	HZ	56	212	IAML	A	17	1	46.82		3502	0.5				
KBN	HZ	57	245	IP	A	17	1	38.020.070							1.0
KBN	HE	57	245	ES		17	1	45.50-.820							1.0
KBN	HZ	57	245	IAML		17	1	46.24		1774	0.8				
LSK	HZ	103	222	EP		17	1	45.07-.460							1.0
LSK	HN	103	222	ES		17	1	59.81-.220							1.0
LSK	HZ	103	222	IAML	A	17	2	9.10		842	0.6				
PHP	HZ	123	320	IP	A	17	1	47.82-1.14							1.0
PHP	HN	123	320	ES		17	2	4.83-1.40							1.0
PHP	HZ	123	320	IAML	A	17	2	8.02		838	1.0				
BERA	HZ	124	263	EP		17	1	49.670.710							1.0
BERA	HN	124	263	ES		17	2	6.04-.190							1.0
BERA	HZ	124	263	IAML	A	17	2	15.44		492	0.8				
THE	HZ	134	100	EP		17	1	51.100.420							1.0
THE	HN	134	100	ES		17	2	9.27-.070							1.0
THE	HZ	134	100	IAML	A	17	2	10.73		194	1.6				
TIR	HZ	141	294	EP		17	1	51.40-.420							1.0
TIR	HN	141	294	ES		17	2	12.300.880							1.0
TIR	HZ	141	294	IAML	A	17	2	24.11		321	0.6				
THL	HZ	151	160	IP	A	17	1	53.12-.410							1.0
BPA2	HZ	151	266	EP		17	1	53.730.210							1.0
THL	HN	151	160	ES		17	2	13.74-.770							1.0
SRN	HZ	160	229	IP	A	17	1	56.25 1.24							0.9
SRN	HE	160	229	ES		17	2	17.520.330							0.9
SRN	HZ	160	229	IAML	A	17	2	27.04		279	0.7				
VLO	HZ	167	256	EP		17	1	57.97 1.87							0.9
IGT	HZ	172	212	EP		17	1	57.190.290							0.9
IGT	HE	172	212	ES		17	2	20.880.270							0.9
PUK	HZ	184	317	IP	A	17	1	57.66-.840							0.9
PUK	HN	184	317	ES		17	2	22.47-1.02							0.9
PUK	HZ	184	317	IAML	A	17	2	26.50		253	0.7				
KEK	HZ	185	228	EP		17	1	58.770.130							0.9
KEK	HZ	185	228	IAML	A	17	2	32.00		240	0.5				
BCI	HZ	203	327	IP	A	17	2	1.530.640							0.9
BCI	HZ	203	327	IAML	A	17	2	39.80		469	0.9				
SDA	HZ	208	311	EP		17	2	2.71 1.19							0.9
SDA	HZ	208	311	IAML	A	17	2	35.43		183	0.8				
PDG	HZ	251	315	EP		17	2	8.22 1.21							0.9
PDG	HZ	251	315	IAML	A	17	2	38.72		111	1.0				

January 11 2022 Hour: 17:34 44.0 Lat: 40.78N Lon: 21.34E D: 16.6 Ag: TIR Local  
 Magnitudes: 2.3ML TIR 2.5MW TIR Rms: 0.8 secs  
 34 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	48	211	EP		1734		53.140.290							1.0
NEST	HN	48	211	ES		1735		0.090.040							1.0
NEST	HZ	48	211	IAML	A	1735		1.97		103	0.5				
KBN	HZ	50	249	EP		1734		53.08-.110							1.0
KBN	HE	50	249	ES		1735		0.52-.140							1.0
LSK	HZ	95	222	EP		1735		1.150.630							1.0
LSK	HN	95	222	ES		1735		13.41-.510							1.0
LSK	HZ	95	222	IAML	A	1735		16.93		30	0.6				
PHP	HZ	125	323	EP		1735		7.27 1.63							1.0
PHP	HN	125	323	ES		1735		22.13-1.06							1.0
THL	HZ	147	157	EP		1735		8.94-.160							1.0
THL	HN	147	157	ES		1735		29.26-.200							1.0
SRN	HZ	152	229	EP		1735		8.30-1.56							1.0

SRN HE 152 229 ES 1735 31.93 1.09 1.0  
 SRN HZ 152 229 IAML 1735 45.24 35 2.8

**January 11 2022 Hour: 17:41 53.0 Lat: 40.85N Lon: 21.42E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR 2.9MW TIR Rms: 0.8 secs**

**43 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	57	213	EP		1742	3.430	.060							1.0
NEST	HN	57	213	ES		1742	11.53	-.200							1.0
NEST	HZ	57	213	IAML	A	1742	13.21		132	0.5					
KBN	HZ	59	245	EP		1742	3.49	-.100							1.0
KBN	HN	59	245	ES		1742	11.53	-.610							1.0
KBN	HZ	59	245	IAML	A	1742	12.76		77	0.4					
LSK	HZ	104	222	EP		1742	11.150	.000							1.0
LSK	HN	104	222	ES		1742	25.44	-.380							1.0
LSK	HZ	104	222	IAML	A	1742	49.00		42	2.9					
PHP	HZ	124	319	EP		1742	13.66	-.770							1.0
PHP	HN	124	319	ES		1742	31.44	-.310							1.0
PHP	HZ	124	319	IAML	A	1742	31.97		27	3.2					
BERA	HZ	125	263	EP		1742	14.890	.300							1.0
BERA	HN	125	263	ES		1742	32.300	.260							1.0
THL	HZ	151	160	EP		1742	18.48	-.470							1.0
THL	HN	151	160	ES		1742	39.54	-.400							1.0
SRN	HZ	161	229	EP		1742	21.69	1.05							0.9
SRN	HN	161	229	ES		1742	43.490	.490							0.9
IGT	HZ	173	213	EP		1742	24.90	2.44							0.9
IGT	HE	173	213	ES		1742	45.04	-1.25							0.9
KEK	HZ	187	228	EP		1742	26.41	2.18							0.2

**January 11 2022 Hour: 17:44 8.8 Lat: 40.83N Lon: 21.40E D: 8.7 Ag: TIR Local**  
**Magnitudes: 4.1ML TIR 4.3MW TIR Rms: 0.7 secs**

**41 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	55	212	EP		1744	19.350	.490							1.0
NEST	HN	55	212	ES		1744	26.88	-.080							1.0
NEST	HZ	55	212	IAML		1744	31.94		8527	0.5					
KBN	HZ	57	246	IP	A	1744	19.470	.380							1.0
KBN	HE	57	246	ES		1744	26.69	-.690							1.0
KBN	HZ	57	246	IAML	A	1744	29.06		6306	0.4					
LSK	HZ	102	222	EP		1744	26.22	-.500							1.0
LSK	HN	102	222	ES		1744	40.54	-.670							1.0
LSK	HZ	102	222	IAML	A	1744	45.27		4671	0.7					
BERA	HZ	123	264	IP	A	1744	30.520	.310							1.0
BERA	HN	123	264	ES		1744	46.76	-.750							1.0
BERA	HZ	123	264	IAML	A	1744	54.96		1275	0.5					
PHP	HZ	124	320	IP	A	1744	29.48	-.880							1.0
PHP	HN	124	320	ES		1744	46.87	-.910							1.0
PHP	HZ	124	320	IAML	A	1744	49.69		2926	1.0					
THE	HZ	134	99	IP	A	1744	32.650	.540							1.0
THE	HE	134	99	ES		1744	50.04	-.910							1.0
THE	HZ	134	99	IAML	A	1744	56.19		521	1.0					
TIR	HZ	141	294	EP		1744	32.83	-.320							1.0
TIR	HZ	141	294	IAML	A	1744	58.92		670	1.0					
BPA2	HZ	150	266	EP		1744	35.030	.250							1.0
THL	HZ	151	159	IP	A	1744	34.69	-.110							1.0
THL	HE	151	159	ES		1744	54.97	-.850							1.0
SRN	HZ	159	229	IP	A	1744	37.110	.900							0.9
SRN	HZ	159	229	IAML	A	1745	1.86		741	0.6					
IGT	HZ	171	212	IP	A	1744	38.630	.470							0.9
IGT	HN	171	212	ES		1745	2.260	.350							0.9
IGT	HZ	171	212	IAML	A	1745	12.12		901	2.4					
KEK	HZ	184	228	IP	A	1744	41.38	1.35							0.9
PUK	HZ	184	317	IP	A	1744	39.42	-.610							0.9
PUK	HZ	184	317	IAML	A	1745	8.58		629	0.7					

KEK	HZ	184	228	IAML	A	1745	18.06			970	0.5			
BCI	HZ	203	327	IP	A	1744	42.480.040							0.9
BCI	HZ	203	327	IAML	A	1745	21.35			1343	1.2			
SDA	HZ	208	311	IP	A	1744	44.38	1.34						0.9
SDA	HZ	208	311	IAML	A	1745	25.31			675	1.4			
PDG	HZ	251	316	IP	A	1744	50.12	1.58						0.9
PDG	HZ	251	316	IAML	A	1745	25.57			447	1.2			

**January 11 2022 Hour: 17:49 11.4 Lat: 40.88N Lon: 21.39E D: 5.6 Ag: TIR Local**  
**Magnitudes: 2.9ML TIR Rms: 0.8 secs**  
**41 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	58	241	EP		1749	21.66	-.150							1.0
KBN	HN	58	241	ES		1749	30.15	-.070							1.0
NEST	HZ	59	209	EP		1749	22.240	.280							1.0
NEST	HN	59	209	ES		1749	30.12	-.370							1.0
NEST	HZ	59	209	IAML		1749	33.82			1060	0.8				
LSK	HZ	105	220	EP		1749	29.41	-.570							1.0
LSK	HN	105	220	ES		1749	44.98	-.030							1.0
LSK	HZ	105	220	IAML		1749	48.01			193	0.9				
PHP	HZ	120	319	EP		1749	31.71	-.770							1.0
PHP	HN	120	319	ES		1749	47.99	-1.55							1.0
PHP	HZ	120	319	IAML		1749	54.63			146	0.7				
BERA	HZ	123	261	EP		1749	33.610	.660							1.0
BERA	HN	123	261	ES		1749	48.16	-2.22							1.0
BERA	HZ	123	261	IAML		1749	58.29			67	0.3				
THE	HZ	136	101	EP		1749	35.05	-.100							1.0
THE	HN	136	101	ES		1749	53.95	-.410							1.0
THE	HZ	136	101	IAML		1749	59.99			32	0.5				
TIR	HZ	138	293	EP		1749	36.92	1.41							1.0
TIR	HN	138	293	ES		1749	55.780	.760							1.0
THL	HZ	155	160	EP		1749	37.19	-1.13							1.0
THL	HN	155	160	ES		1749	59.82	-.290							1.0
SRN	HZ	161	227	EP		1749	40.100	.710							0.9
SRN	HE	161	227	ES		1750	2.330	.290							0.9
SRN	HZ	161	227	IAML		1750	7.22			63	1.0				
IGT	HZ	174	211	EP		1749	42.070	.570							0.9
IGT	HN	174	211	ES		1750	6.490	.630							0.9
IGT	HZ	174	211	IAML		1750	13.99			47	0.6				
PUK	HZ	180	317	EP		1749	43.240	.740							0.9
KEK	HZ	187	227	EP		1749	44.060	.760							0.9
BCI	HZ	199	327	EP		1749	46.22	1.35							0.9
SDA	HZ	205	310	EP		1749	45.960	.410							0.9
SDA	HN	205	310	ES		1750	12.79	-.410							0.9

**January 11 2022 Hour: 17:48 26.9 Lat: 40.87N Lon: 21.39E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.6ML TIR Rms: 0.9 secs**  
**42 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	58	242	EP		1748	37.660	.370							1.0
KBN	HE	58	242	ES		1748	44.81	-.910							1.0
KBN	HZ	58	242	IAML		1748	47.06			100	0.4				
NEST	HZ	58	210	EP		1748	37.390	.040							1.0
NEST	HE	58	210	ES		1748	45.840	.030							1.0
NEST	HZ	58	210	IAML		1748	47.84			276	0.7				
LSK	HZ	104	220	EP		1748	45.180	.140							1.0
LSK	HN	104	220	ES		1748	58.38	-1.37							1.0
LSK	HZ	104	220	IAML		1749	1.92			97	0.8				
PHP	HZ	121	319	EP		1748	47.51	-.260							1.0
PHP	HN	121	319	ES		1749	4.26	-.420							1.0
PHP	HZ	121	319	IAML		1749	8.09			42	0.9				
BERA	HZ	123	262	EP		1748	48.240	.100							1.0
BERA	HN	123	262	ES		1749	5.01	-.340							1.0
THE	HZ	135	101	EP		1748	50.250	.110							1.0

THE	HN	135	101	ES		1749	8.22-	.760							1.0
THL	HZ	154	160	EP		1748	52.80-	.470							1.0
THL	HN	154	160	ES		1749	14.47-	.160							1.0
SRN	HZ	161	228	EP		1748	57.31	2.84							0.9
SRN	HE	161	228	ES		1749	17.060.	.250							0.9
IGT	HZ	174	212	EP		1748	57.54	1.14							0.9

**January 11 2022 Hour: 18:10 19.9 Lat: 40.78N Lon: 21.39E D: 11.3 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR Rms: 0.6 secs**  
**37 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	50	215	EP		1810	29.480.	.560							1.0
NEST	HN	50	215	ES		1810	36.21-	.050							1.0
NEST	HZ	50	215	IAML		1810	37.18			166	0.2				
KBN	HZ	54	251	EP		1810	30.350.	.790							1.0
KBN	HN	54	251	ES		1810	37.19-	.220							1.0
KBN	HZ	54	251	IAML		1810	38.98			39	0.3				
LSK	HZ	97	224	EP		1810	36.53-	.240							1.0
LSK	HN	97	224	ES		1810	49.42-	1.04							1.0
LSK	HZ	97	224	IAML		1810	52.56			17	0.4				
BERA	HZ	122	266	EP		1810	41.160.	.290							1.0
PHP	HZ	128	322	EP		1810	42.560.	.620							1.0
PHP	HN	128	322	ES		1810	58.72-	1.11							1.0
PHP	HZ	128	322	IAML		1811	1.46			8	0.3				
THL	HZ	145	158	EP		1810	44.830.	.070							1.0
THL	HE	145	158	ES		1811	4.16-	.770							1.0
SRN	HZ	155	230	EP		1810	47.240.	.910							1.0
SRN	HN	155	230	ES		1811	7.58-	.180							1.0
IGT	HZ	165	213	EP		1810	47.79-	.320							0.9
IGT	HN	165	213	ES		1811	11.740.	.740							0.9

**January 11 2022 Hour: 18:16 23.6 Lat: 40.85N Lon: 21.43E D: 7.8 Ag: TIR Local**  
**Magnitudes: 3.0ML TIR 3.5MW TIR Rms: 0.8 secs**  
**44 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	58	214	EP		1816	34.380.	.360							1.0
NEST	HN	58	214	ES		1816	42.510.	.050							1.0
NEST	HZ	58	214	IAML	A	1816	44.67			1153	0.5				
KBN	HZ	59	245	EP		1816	34.420.	.110							1.0
KBN	HN	59	245	ES		1816	42.09-	.900							1.0
KBN	HZ	59	245	IAML	A	1816	43.01			483	0.4				
LSK	HZ	104	222	EP		1816	41.97-	.020							1.0
LSK	HN	104	222	ES		1816	56.24-	.640							1.0
LSK	HZ	104	222	IAML	A	1817	0.54			246	0.9				
PHP	HZ	124	319	EP		1816	44.25-	1.03							1.0
PHP	HN	124	319	ES		1817	1.49-	1.35							1.0
PHP	HZ	124	319	IAML	A	1817	4.59			215	1.7				
BERA	HZ	126	263	EP		1816	45.810.	.340							1.0
BERA	HN	126	263	ES		1817	4.62	1.44							1.0
BERA	HZ	126	263	IAML	A	1817	8.47			127	0.5				
THE	HZ	132	100	EP		1816	47.69	1.14							1.0
THE	HN	132	100	ES		1817	4.78-	.360							1.0
TIR	HZ	142	293	EP		1816	48.17-	.090							1.0
TIR	HN	142	293	ES		1817	8.690.	.450							1.0
TIR	HZ	142	293	IAML	A	1817	15.98			57	0.5				
THL	HZ	151	160	EP		1816	49.42-	.260							1.0
THL	HE	151	160	ES		1817	9.64-	1.17							1.0
SRN	HZ	162	229	EP		1816	52.320.	.830							0.9
SRN	HN	162	229	ES		1817	13.16-	.920							0.9
SRN	HZ	162	229	IAML	A	1817	21.05			77	0.6				
IGT	HZ	173	213	EP		1816	54.260.	.870							0.9
IGT	HZ	173	213	IAML	A	1817	25.62			71	0.5				
PUK	HZ	184	317	EP		1816	54.56-	.440							0.9
PUK	HZ	184	317	IAML	A	1817	23.03			54	0.9				

KEK	HZ	187	228	EP		1816	56.41	1.15										0.9
BCI	HZ	203	327	EP		1816	57.740	.390										0.9
BCI	HZ	203	327	IAML	A	1817	33.70			86	0.7							
SDA	HZ	209	310	EP		1816	58.360	.310										0.9

**January 11 2022 Hour: 18:42 54.4 Lat: 40.84N Lon: 21.39E D: 12.0 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR Rms: 0.9 secs**

**40 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	55	211	EP		1843	4.18	-.180							1.0
NEST	HN	55	211	ES		1843	12.25	-.140							1.0
NEST	HZ	55	211	IAML		1843	13.32			82	0.2				
KBN	HZ	56	245	EP		1843	4.19	-.310							1.0
KBN	HN	56	245	ES		1843	12.44	-.210							1.0
KBN	HZ	56	245	IAML		1843	14.33			24	0.2				
LSK	HZ	101	221	EP		1843	11.92	-.170							1.0
LSK	HN	101	221	ES		1843	26.28	-.120							1.0
PHP	HZ	123	320	EP		1843	16.020	.330							1.0
PHP	HN	123	320	ES		1843	31.97	-.940							1.0
PHP	HZ	123	320	IAML		1843	34.62			11	1.0				
THL	HZ	151	159	EP		1843	20.17	-.150							1.0
THL	HN	151	159	ES		1843	40.52	-.760							1.0
SRN	HZ	159	228	EP		1843	23.31	1.75							0.9
SRN	HE	159	228	ES		1843	43.800	.260							0.9
IGT	HZ	170	212	EP		1843	25.47	2.04							0.9
IGT	HN	170	212	ES		1843	45.74	-1.19							0.9

**January 11 2022 Hour: 19:1 39.9 Lat: 40.82N Lon: 21.33E D: 21.7 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR Rms: 0.6 secs**

**35 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	50	244	EP		19 1	49.940	.480							1.0
KBN	HN	50	244	ES		19 1	56.74	-.430							1.0
KBN	HZ	50	244	IAML		19 1	59.47			24	0.3				
NEST	HZ	51	207	EP		19 1	49.41	-.140							1.0
NEST	HN	51	207	ES		19 1	57.15	-.170							1.0
NEST	HZ	51	207	IAML		19 1	58.23			37	0.1				
LSK	HZ	97	220	EP		19 1	57.730	.770							1.0
LSK	HN	97	220	ES		19 2	10.770	.030							1.0
PHP	HZ	121	323	EP		19 2	1.83	1.03							1.0
PHP	HN	121	323	ES		19 2	16.87	-.820							1.0
THL	HZ	151	157	EP		19 2	4.48	-.980							1.0
THL	HN	151	157	ES		19 2	26.290	.170							1.0

**January 11 2022 Hour: 19: 5 28.4 Lat: 40.66N Lon: 21.27E D: 10.0F Ag: TIR Local**  
**Magnitudes: 1.6ML TIR Rms: 0.9 secs**

**24 km E of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	33	215	EP		19 5	33.19	-1.10							1.0
NEST	HN	33	215	ES		19 5	40.28	1.24							1.0
NEST	HZ	33	215	IAML		19 5	42.58			34	0.2				
KBN	HZ	41	265	EP		19 5	35.44	-.330							1.0
KBN	HN	41	265	ES		19 5	41.20	-.510							1.0
KBN	HZ	41	265	IAML		19 5	42.54			30	0.4				
LSK	HZ	80	226	EP		19 5	41.71	-1.04							1.0
LSK	HN	80	226	ES		19 5	54.960	.620							1.0
PHP	HZ	134	329	EP		19 5	53.38	1.19							1.0

**January 11 2022 Hour: 19:11 23.5 Lat: 40.87N Lon: 21.35E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.8 secs**  
**38 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	55	241	EP		1911	33.570	.190							1.0
KBN	HE	55	241	ES		1911	40.82	-.560							1.0
KBN	HZ	55	241	IAML		1911	43.57			29	0.2				
NEST	HZ	56	207	EP		1911	33.690	.050							1.0
NEST	HE	56	207	ES		1911	41.79	-.060							1.0
NEST	HZ	56	207	IAML		1911	42.71			42	0.2				
LSK	HZ	102	219	EP		1911	41.390	.140							1.0
LSK	HN	102	219	ES		1911	54.90	-.730							1.0
LSK	HZ	102	219	IAML		1911	57.52			28	0.9				
PHP	HZ	119	320	EP		1911	44.700	.640							1.0
PHP	HN	119	320	ES		1911	59.65	-1.05							1.0
THL	HZ	155	158	EP		1911	49.09	-.940							1.0
THL	HE	155	158	ES		1912	10.97	-.550							1.0
SRN	HZ	159	227	EP		1911	51.440	.810							0.9
SRN	HN	159	227	ES		1912	12.860	.250							0.9
IGT	HZ	172	211	EP		1911	54.74	1.99							0.9

**January 11 2022 Hour: 19:53 46.3 Lat: 40.78N Lon: 21.40E D: 13.0 Ag: TIR Local**  
**Magnitudes: 2.8ML TIR Rms: 0.7 secs**  
**38 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	50	217	EP		1953	56.060	.610							1.0
NEST	HN	50	217	ES		1954	2.47	-.400							1.0
NEST	HZ	50	217	IAML		1954	4.22			923	0.3				
KBN	HZ	55	252	EP		1953	56.460	.260							1.0
KBN	HN	55	252	ES		1954	3.38	-.840							1.0
KBN	HZ	55	252	IAML		1954	6.04			250	0.5				
LSK	HZ	98	225	EP		1954	3.23	-.090							1.0
LSK	HN	98	225	ES		1954	16.27	-.830							1.0
LSK	HZ	98	225	IAML		1954	22.45			132	0.7				
BERA	HZ	123	267	EP		1954	8.190	.660							1.0
BERA	HN	123	267	ES		1954	24.71	-.020							1.0
BERA	HZ	123	267	IAML		1954	33.92			81	0.6				
PHP	HZ	129	322	IP		1954	8.39	-.190							1.0
PHP	HN	129	322	ES		1954	26.19	-.440							1.0
PHP	HZ	129	322	IAML		1954	27.25			92	0.7				
THE	HZ	133	96	EP		1954	9.350	.170							1.0
THE	HN	133	96	ES		1954	27.25	-.450							1.0
THL	HZ	144	159	EP		1954	11.380	.320							1.0
THL	HN	144	159	ES		1954	29.81	-1.31							1.0
SRN	HZ	155	231	EP		1954	13.95	1.05							1.0
SRN	HN	155	231	ES		1954	34.490	.050							1.0
IGT	HZ	166	214	EP		1954	16.39	1.81							0.9
PUK	HZ	189	319	EP		1954	18.050	.390							0.9
PUK	HN	189	319	ES		1954	42.49	-.570							0.9
BCI	HZ	209	328	EP		1954	21.19	1.04							0.9
BCI	HE	209	328	ES		1954	46.53	-1.03							0.9

**January 11 2022 Hour: 20:39 7.1 Lat: 40.82N Lon: 21.39E D: 11.5 Ag: TIR Local**  
**Magnitudes: 2.5ML TIR 2.7MW TIR Rms: 0.5 secs**  
**40 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	53	213	EP		2039	17.430	.710							1.0
NEST	HN	53	213	ES		2039	24.22	-.300							1.0
NEST	HZ	53	213	IAML	A	2039	44.38			138	0.2				
KBN	HZ	55	247	EP		2039	17.420	.380							1.0
KBN	HN	55	247	ES		2039	24.93	-.160							1.0
KBN	HZ	55	247	IAML	A	2039	41.14			143	0.4				
LSK	HZ	100	222	EP		2039	24.870	.370							1.0

LSK	HN	100	222	ES		2039	38.35-	.260										1.0
LSK	HZ	100	222	IAML	A	2040	0.81		48	0.6								
BERA	HZ	122	264	EP		2039	27.88-	.280										1.0
BERA	HN	122	264	ES		2039	45.440.	.210										1.0
PHP	HZ	125	321	EP		2039	28.650.	.000										1.0
PHP	HN	125	321	ES		2039	45.31-	.800										1.0
PHP	HZ	125	321	IAML	A	2040	1.95		37	0.4								
THE	HZ	135	98	EP		2039	30.670.	.410										1.0
THL	HZ	149	159	EP		2039	32.910.	.280										1.0
THL	HN	149	159	ES		2039	52.04-	1.27										1.0
SRN	HZ	157	229	EP		2039	34.300.	.290										1.0
IGT	HZ	169	213	EP		2039	36.340.	.420										0.9
KEK	HZ	183	228	EP		2039	37.68-	.020										0.9
PUK	HZ	185	318	EP		2039	37.91-	.160										0.9
PUK	HZ	185	318	IAML	A	2040	20.35		11	0.7								
BCI	HZ	204	328	EP		2039	40.680.	.160										0.9
BCI	HZ	204	328	IAML	A	2040	43.02		32	2.9								

**January 11 2022 Hour: 20:51 25.5 Lat: 40.12N Lon: 19.89E D: 9.2 Ag: TIR Local**  
**Magnitudes: 1.4ML TIR Rms: 0.3 secs**  
**12 km E of Himare**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	29	161	EP		2051	31.170.	.240							1.0
SRN	HN	29	161	ES		2051	35.23-	.070							1.0
SRN	HZ	29	161	IAML		2051	37.69		41	4.6					
KEK	HZ	46	190	EP		2051	33.73-	.270							1.0
KEK	HE	46	190	ES		2051	40.84-	.010							1.0
LSK	HZ	60	87	EP		2051	36.720.	.250							1.0
LSK	HN	60	87	ES		2051	45.14-	.190							1.0
BERA	HZ	64	4	EP		2051	36.72-	.380							1.0
BERA	HN	64	4	ES		2051	46.590.	.130							1.0
BERA	HZ	64	4	IAML		2051	49.59		6	0.2					
IGT	HZ	76	150	EP		2051	39.640.	.610							1.0
IGT	HE	76	150	ES		2051	49.63-	.320							1.0

**January 11 2022 Hour: 21:31 7.5 Lat: 40.82N Lon: 21.32E D: 34.3 Ag: TIR Local**  
**Magnitudes: 1.6ML TIR 2.6MW TIR Rms: 0.6 secs**  
**34 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	50	245	EP		2131	18.000.	.310							1.0
KBN	HN	50	245	ES		2131	25.55-	.390							1.0
NEST	HZ	50	207	EP		2131	18.080.	.310							1.0
NEST	HN	50	207	ES		2131	25.29-	.800							1.0
NEST	HZ	50	207	IAML		2131	28.54		15	0.2					
LSK	HZ	96	220	EP		2131	24.910.	.410							1.0
LSK	HN	96	220	ES		2131	39.070.	.780							1.0
LSK	HZ	96	220	IAML		2131	41.35		7	0.8					
KEK	HZ	178	227	EP		2131	34.56-	.710							0.9

**January 11 2022 Hour: 22:19 1.3 Lat: 40.86N Lon: 21.37E D: 11.0 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR 2.7MW TIR Rms: 0.9 secs**  
**40 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	56	242	IP		2219	11.450.	.080							1.0
KBN	HN	56	242	IS		2219	19.43-	.080							1.0
KBN	HZ	56	242	IAML	A	2219	20.52		74	0.3					
NEST	HZ	56	209	IP		2219	11.39-	.080							1.0
NEST	HE	56	209	IS		2219	19.48-	.200							1.0
NEST	HZ	56	209	IAML	A	2219	20.10		192	0.3					
LSK	HZ	102	220	IP		2219	18.62-	.520							1.0
LSK	HN	102	220	IS		2219	32.19-	1.38							1.0
LSK	HZ	102	220	IAML		2219	40.22		27	0.5					
PHP	HZ	121	320	IP		2219	22.200.	.030							1.0
PHP	HZ	121	320	IAML	A	2219	41.22		25	0.9					

BERA	HZ	121	262	IP		2219	22.06-	.190									1.0
BERA	HZ	121	262	IAML		2219	45.82		21	0.9							
PHP	HN	121	320	IS		2219	39.180.	.140									1.0
BERA	HN	121	262	IS		2219	39.17-	.020									1.0
THE	HZ	137	100	IP		2219	24.81-	.050									1.0
THL	HZ	154	159	IP		2219	27.21-	.430									1.0
THL	HN	154	159	IS		2219	48.33-	.630									1.0
SRN	HZ	159	227	IP		2219	28.56-	.000									0.9
SRN	HN	159	227	IS		2219	50.910.	.290									0.9
IGT	HZ	172	211	IP		2219	30.730.	.120									0.9
IGT	HN	172	211	IS		2219	54.560.	.240									0.9
IGT	HZ	172	211	IAML		2219	59.33		21	1.6							
PUK	HZ	181	317	IP		2219	31.81-	.020									0.9
PUK	HN	181	317	IS		2219	54.81-	1.72									0.9
PUK	HZ	181	317	IAML	A	2219	59.68		8	0.7							
KEK	HZ	184	227	IP		2219	35.79	3.54									0.9
KEK	HN	184	227	E		2219	58.08										
KEK	HN	184	227	IS		2219	58.080.	.790									0.9
BCI	HZ	200	327	IP		2219	34.11-	.130									0.9
BCI	HZ	200	327	IAML	A	2220	6.94		31	2.7							
SDA	HZ	205	311	IP		2219	35.770.	.930									0.9
SDA	HN	205	311	IS		2220	1.71-	.280									0.9
SDA	HZ	205	311	IAML		2220	7.33		15	2.1							

**January 11 2022 Hour: 22:55 19.6 Lat: 40.90N Lon: 21.42E D: 10.0F Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 2.7MW TIR Rms: 0.7 secs**  
**45 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
KBN	HZ	62	241	IP		2255	30.970.	.360							1.0		
KBN	HN	62	241	IS		2255	39.800.	.270							1.0		
KBN	HZ	62	241	IAML	A	2255	43.22		46	1.4							
NEST	HZ	62	211	IP		2255	31.170.	.460							1.0		
NEST	HN	62	211	IS		2255	39.45-	.260							1.0		
NEST	HZ	62	211	IAML	A	2255	40.95		217	0.6							
LSK	HZ	108	220	IP		2255	39.060.	.090							1.0		
LSK	HN	108	220	IS		2255	53.56-	1.10							1.0		
LSK	HZ	108	220	IAML		2255	57.90		44	0.7							
PHP	HZ	120	317	IP		2255	41.220.	.180							1.0		
PHP	HN	120	317	IS		2255	57.36-	1.05							1.0		
PHP	HZ	120	317	IAML		2256	0.92		37	0.6							
BERA	HZ	126	261	IP		2255	42.260.	.210							1.0		
BERA	HN	126	261	IS		2256	0.640.	.400							1.0		
BERA	HZ	126	261	IAML		2256	9.13		25	0.5							
THE	HZ	133	102	IP		2255	43.720.	.460							1.0		
THE	HN	133	102	IS		2256	3.080.	.660							1.0		
THE	HZ	133	102	IAML		2256	5.11		13	0.3							
THL	HZ	156	161	IP		2255	46.29-	.770							1.0		
THL	HN	156	161	IS		2256	7.89-	1.41							1.0		
SRN	HZ	165	227	IP		2255	48.11-	.460							0.9		
SRN	HN	165	227	IS		2256	13.21	1.17							0.9		
SRN	HZ	165	227	IAML		2256	20.69		32	0.5							
IGT	HZ	178	212	IP		2255	52.12	1.48							0.9		
IGT	HN	178	212	IS		2256	15.40-	.390							0.9		
IGT	HZ	178	212	IAML		2256	20.41		10	1.5							
PUK	HZ	180	315	IP		2255	50.31-	.810							0.9		
PUK	HE	180	315	IS		2256	16.53-	.130							0.9		
PUK	HZ	180	315	IAML	A	2256	19.91		12	0.6							
KEK	HZ	191	227	IP		2255	52.860.	.190							0.9		
KEK	HN	191	227	IS		2256	19.530.	.060							0.9		
BCI	HZ	198	326	IP		2255	53.57-	.130							0.9		
BCI	HN	198	326	IS		2256	20.81-	.520							0.9		
BCI	HZ	198	326	IAML		2256	38.48		28	2.4							
SDA	HZ	205	309	IP		2255	55.130.	.600							0.9		
SDA	HE	205	309	IS		2256	23.350.	.520							0.9		



SDA HZ 205 309 IAML A 2256 32.36 41 2.6

**January 11 2022 Hour: 23:29 8.0 Lat: 40.87N Lon: 21.43E D: 7.3 Ag: TIR Local**  
**Magnitudes: 2.5ML TIR 3.0MW TIR Rms: 0.6 secs**

**45 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	60	212	IP		2329	19.320	.470							1.0
NEST	HN	60	212	IS		2329	27.870	.230							1.0
NEST	HZ	60	212	IAML	A	2329	28.71			353	0.2				
KBN	HZ	61	243	IP		2329	19.090	.120							1.0
KBN	HN	61	243	IS		2329	27.68	-.170							1.0
KBN	HZ	61	243	IAML		2329	29.75			57	0.2				
LSK	HZ	107	222	IP		2329	26.70	-.100							1.0
LSK	HN	107	222	IS		2329	41.50	-.520							1.0
LSK	HZ	107	222	IAML	A	2329	44.17			59	0.8				
PHP	HZ	122	318	IP		2329	29.00	-.390							1.0
PHP	HN	122	318	IS		2329	45.66	-1.06							1.0
PHP	HZ	122	318	IAML		2329	53.30			34	1.0				
BERA	HZ	126	262	IP		2329	30.240	.230							1.0
BERA	HN	126	262	IS		2329	46.32	-1.51							1.0
BERA	HZ	126	262	IAML		2329	54.87			27	0.6				
THE	HZ	132	101	IP		2329	31.600	.590							1.0
THE	HE	132	101	IS		2329	48.83	-.820							1.0
THE	HZ	132	101	IAML	A	2329	51.27			22	0.6				
THL	HZ	154	161	IP		2329	34.31	-.220							1.0
THL	HE	154	161	IS		2329	55.51	-.520							1.0
SRN	HZ	164	228	IP		2329	36.270	.000							0.9
SRN	HN	164	228	IS		2329	59.800	.640							0.9
SRN	HZ	164	228	IAML		2330	4.60			26	1.7				
VLO	HZ	170	255	IP		2329	37.560	.350							0.9
IGT	HZ	176	212	IP		2329	38.830	.590							0.9
IGT	HE	176	212	IS		2330	2.780	.040							0.9
IGT	HZ	176	212	IAML		2330	5.51			31	0.2				
PUK	HZ	183	316	IP		2329	39.380	.160							0.9
PUK	HN	183	316	IS		2330	5.66	1.15							0.9
PUK	HZ	183	316	IAML	A	2330	12.03			10	0.8				
KEK	HZ	189	228	IP		2329	40.130	.150							0.9
KEK	HE	189	228	IS		2330	5.990	.100							0.9
BCI	HZ	201	326	EP		2329	40.86	-.670							0.9
BCI	HE	201	326	ES		2330	9.230	.550							0.9
BCI	HZ	201	326	IAML		2330	17.55			19	1.7				
SDA	HZ	208	310	IP		2329	43.67	1.37							0.9
SDA	HN	208	310	IS		2330	9.71	-.380							0.9
SDA	HZ	208	310	IAML		2330	18.77			44	2.3				

**January 12 2022 Hour: 1: 2 16.4 Lat: 40.89N Lon: 21.46E D: 5.2 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR 3.9MW TIR Rms: 0.4 secs**

**48 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	63	214	EP		1 2	27.930	.170							1.0
NEST	HN	63	214	ES		1 2	36.52	-.400							1.0
NEST	HZ	63	214	IAML		1 2	36.62			47	0.6				
KBN	HZ	64	243	IP		1 2	27.950	.000							1.0
KBN	HE	64	243	IS		1 2	37.310	.050							1.0
KBN	HZ	64	243	IAML		1 2	38.38			33	0.6				
LSK	HZ	110	222	EP		1 2	35.920	.030							1.0
LSK	HN	110	222	ES		1 2	51.10	-.530							1.0
LSK	HZ	110	222	IAML		1 2	54.83			21	0.8				
PHP	HZ	123	316	IP		1 2	37.67	-.450							1.0
PHP	HN	123	316	IS		1 2	55.35	-.330							1.0
PHP	HZ	123	316	IAML		1 2	58.52			8	0.6				
BERA	HZ	129	261	IP		1 2	39.350	.250							1.0
BERA	HE	129	261	IS		1 2	58.120	.670							1.0
BERA	HZ	129	261	IAML		1 3	2.87			17	0.9				

THE	HZ	130	102	EP	1	2	39.470	.290									1.0
THE	HE	130	102	ES	1	2	57.790	.200									1.0
THE	HZ	130	102	IAML	1	3	0.82		21	2.1							
THL	HZ	154	162	EP	1	2	42.98	-.220									1.0
THL	HE	154	162	ES	1	3	4.48	-.390									1.0
SRN	HZ	167	229	EP	1	2	46.220	.850									0.9
SRN	HE	167	229	ES	1	3	8.58	-.220									0.9
IGT	HZ	178	213	EP	1	2	47.13	-.170									0.9
IGT	HN	178	213	ES	1	3	12.740	.460									0.9
PUK	HZ	184	315	IP	1	2	47.75	-.310									0.9
PUK	HZ	184	315	IAML	1	3	22.55		4	0.4							
BCI	HZ	201	325	EP	1	2	50.17	-.120									0.9
SDA	HZ	209	309	IP	1	2	51.410	.230									0.9

**January 12 2022 Hour: 1: 8 13.5 Lat: 40.87N Lon: 21.31E D: 11.1 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR Rms: 0.9 secs**  
**35 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
KBN	HZ	52	238	EP	1	8	23.370	.490							1.0		
KBN	HE	52	238	IS	1	8	30.44	-.050							1.0		
KBN	HZ	52	238	IAML	1	8	34.67		18	0.4							
NEST	HZ	55	204	EP	1	8	22.98	-.450									1.0
NEST	HN	55	204	ES	1	8	31.39	-.100									1.0
NEST	HZ	55	204	IAML	1	8	32.94		35	0.3							
LSK	HZ	100	217	EP	1	8	30.70	-.220									1.0
LSK	HN	100	217	ES	1	8	43.90	-1.14									1.0
LSK	HZ	100	217	IAML	1	8	47.59		18	0.4							
PHP	HZ	116	322	EP	1	8	32.62	-.980									1.0
PHP	HN	116	322	ES	1	8	50.050	.160									1.0
PHP	HZ	116	322	IAML	1	8	54.08		7	0.9							
SRN	HZ	156	226	EP	1	8	42.58	2.35									1.0
SRN	HN	156	226	ES	1	9	2.050	.160									1.0
SRN	HZ	156	226	IAML	1	9	7.52		18	1.7							

**January 12 2022 Hour: 3: 1 14.2 Lat: 40.76N Lon: 21.41E D: 12.4 Ag: TIR Local**  
**Magnitudes: 3.6ML TIR 4.0MW TIR Rms: 0.8 secs**  
**38 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
NEST	HZ	50	218	EP	3	1	23.480	.230							1.0		
NEST	HN	50	218	ES	3	1	30.10	-.470							1.0		
NEST	HZ	50	218	IAML	3	1	31.43		6483	0.2							
KBN	HZ	55	254	EP	3	1	23.82	-.330									1.0
KBN	HE	55	254	ES	3	1	31.95	-.240									1.0
KBN	HZ	55	254	IAML	3	1	33.63		1168	0.3							
LSK	HZ	97	226	EP	3	1	30.83	-.320									1.0
LSK	HN	97	226	ES	3	1	43.91	-.960									1.0
LSK	HZ	97	226	IAML	3	1	49.15		2051	0.5							
BERA	HZ	124	267	IP	3	1	35.15	-.390									1.0
BERA	HN	124	267	IS	3	1	52.80	-.020									1.0
BERA	HZ	124	267	IAML	A	3	1	57.62		432	0.3						
PHP	HZ	131	322	EP	3	1	35.53	-1.20									0.2
PHP	HN	131	322	IS	3	1	52.57	-2.40									1.0
PHP	HZ	131	322	IAML	3	1	55.46		465	0.5							
THE	HZ	132	96	IP	A	3	1	37.96	1.01								1.0
THE	HE	132	96	ES	3	1	54.98	-.390									1.0
THE	HZ	132	96	IAML	3	2	0.47		188	0.7							
THL	HZ	143	159	IP	3	1	38.760	.030									1.0
THL	HN	143	159	IS	3	1	58.620	.030									1.0
TIR	HZ	145	297	IP	3	1	39.990	.860									1.0
TIR	HE	145	297	IS	3	2	0.260	.940									1.0
TIR	HZ	145	297	IAML	A	3	2	4.75		307	1.0						
BPA2	HZ	151	269	EP	3	1	40.500	.340									1.0
BPA2	HN	151	269	ES	3	2	2.110	.930									1.0
SRN	HZ	155	231	EP	3	1	41.390	.630									1.0

SRN	HN	155	231	ES	3	2	1.48	-.770										1.0
SRN	HZ	155	231	IAML	3	2	3.82		427	0.6								
VLO	HZ	165	259	EP	3	1	43.220	.740										0.9
VLO	HZ	165	259	IAML	3	2	19.04		573	0.6								
IGT	HZ	165	214	EP	3	1	43.260	.850										0.9
IGT	HZ	165	214	IAML	3	2	13.46		440	0.6								
VLO	HE	165	259	ES	3	2	5.860	.480										0.9
IGT	HN	165	214	ES	3	2	4.95	-.300										0.9
KEK	HZ	180	230	EP	3	1	45.52	1.09										0.9
KEK	HN	180	230	IS	3	2	7.92	-.980										0.9
KEK	HZ	180	230	IAML	3	2	12.24		485	0.5								
PUK	HZ	190	319	IP	3	1	45.54	-.280										0.9
PUK	HN	190	319	IS	3	2	11.930	.510										0.9
PUK	HZ	190	319	IAML	3	2	19.96		123	0.5								
BCI	HZ	210	328	IP	3	1	47.91	-.400										0.9
BCI	HN	210	328	IS	3	2	14.25	-1.68										0.9
BCI	HZ	210	328	IAML	A	3	2	21.59		259	0.7							
SDA	HZ	214	312	IP	A	3	1	49.85	1.09									0.9
SDA	HN	214	312	IS	3	2	16.55	-.200										0.9
SDA	HZ	214	312	IAML	A	3	2	28.65		118	1.0							
PDG	HZ	258	317	EP	3	1	55.58	1.27										0.9
PDG	HN	258	317	ES	3	2	27.690	.890										0.9
PDG	HZ	258	317	IAML	A	3	2	35.40		115	0.5							
RDO	HZ	350	82	EP	3	2	4.56	-1.59										0.8
ITM	HZ	401	173	EP	3	2	12.59	-.110										0.7

**January 12 2022 Hour: 4:53 9.6 Lat: 40.70N Lon: 21.45E D: 10.0F Ag: TIR Local**  
**Magnitudes: 1.4ML TIR Rms: 0.5 secs**  
**35 km E of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	47	227	EP		453	18.450	.260							1.0
NEST	HN	47	227	ES		453	25.480	.360							1.0
NEST	HZ	47	227	IAML		453	26.81		15	0.4					
KBN	HZ	57	262	EP		453	19.85	-.080							1.0
KBN	HN	57	262	ES		453	27.32	-.960							1.0
KBN	HZ	57	262	IAML		453	29.32		11	0.4					
LSK	HZ	95	230	EP		453	26.00	-.260							1.0
LSK	HN	95	230	ES		453	39.56	-.170							1.0
BERA	HN	127	271	ES		453	50.260	.890							1.0
BERA	HZ	127	271	IAML		453	53.49		6	0.1					

**January 12 2022 Hour: 6: 8 48.3 Lat: 40.91N Lon: 21.36E D: 23.1 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR Rms: 0.4 secs**  
**43 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	58	237	IP		6	9	0.17	1.16						0.5
KBN	HN	58	237	IS		6	9	7.790	.110						1.0
KBN	HZ	58	237	IAML		6	9	9.34		22	0.1				
NEST	HZ	61	205	IP		6	8	59.730	.200						1.0
NEST	HN	61	205	IS		6	9	8.21	-.420						1.0
NEST	HZ	61	205	IAML		6	9	9.49		22	0.1				
PHP	HN	115	319	ES		6	9	24.12	-.110						1.0
THL	HZ	159	159	IP		6	9	14.32	-.370						0.9
THL	HN	159	159	IS		6	9	36.350	.290						0.9

**January 12 2022 Hour: 7:32 35.5 Lat: 40.45N Lon: 20.07E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.2 secs**  
**13 km NE of Memaliaj**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA	HZ	30	340	EP		732	40.91	-.230							1.0
BERA	HN	30	340	ES		732	45.800	.100							1.0
BERA	HZ	30	340	IAML		732	46.32		167	0.1					
LSK	HZ	56	127	EP		732	45.620	.000							1.0
LSK	HN	56	127	ES		732	53.970	.150							1.0

KBN	HZ	64	72	EP	732	47.070.200									1.0
SRN	HE	64	185	ES	732	55.82-.190									1.0
KBN	HN	64	72	ES	732	55.93-.160									1.0
SRN	HZ	64	185	EP	732	47.030.200									1.0
SRN	HZ	64	185	IAML	732	57.78			20	0.5					
NEST	HZ	83	93	EP	732	49.85-.290									1.0
NEST	HE	83	93	ES	733	2.070.070									1.0
IGT	HZ	105	167	EP	732	54.100.460									1.0
IGT	HN	105	167	ES	733	8.01-.330									1.0

**January 12 2022 Hour: 7:41 54.8 Lat: 40.85N Lon: 21.42E D: 10.1 Ag: TIR Local**  
**Magnitudes: 2.6ML TIR Rms: 0.4 secs**  
**44 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	59	245	EP		742	5.710.180								1.0
KBN	HZ	59	245	IAML		742	14.38			148	0.2				
LSK	HZ	105	222	EP		742	13.300.190								1.0
LSK	HZ	105	222	IAML		742	29.56			59	0.3				
PHP	HZ	124	319	EP		742	15.82-.430								1.0
PHP	HZ	124	319	IAML		742	35.12			96	0.3				
TIR	HZ	142	293	EP		742	18.37-.880								1.0
TIR	HZ	142	293	IAML		742	47.20			29	0.9				
THL	HZ	152	160	EP		742	20.920.020								1.0
SRN	HZ	162	229	EP		742	22.950.350								0.9
SRN	HN	162	229	ES		742	44.67-.410								0.9
SRN	HZ	162	229	IAML		742	49.64			34	0.4				
IGT	HZ	173	213	EP		742	24.980.510								0.9
IGT	HE	173	213	ES		742	48.580.120								0.9
IGT	HZ	173	213	IAML		743	0.76			34	0.5				
PUK	HZ	184	316	EP		742	26.170.310								0.9
PUK	HZ	184	316	IAML		742	53.97			18	0.4				
BCI	HZ	202	327	EP		742	28.440.230								0.9
BCI	HZ	202	327	IAML		742	59.80			31	0.6				
SDA	HZ	208	310	EP		742	29.250.340								0.9
SDA	HN	208	310	ES		742	56.21-.290								0.9
NEST	HN			ES		742	13.66								
NEST	HZ	58	213	EP		742	5.590.250								1.0
NEST	HZ	58	213	IAML		742	14.21			503	0.3				
KBN	HN			ES		742	13.35								
LSK	HN			ES		742	27.36								
PHP	HN			ES		742	33.14								
BERA	HZ	125	263	EP		742	16.550.050								1.0
BERA	HZ	125	263	IAML		742	38.40			43	0.1				
BERA	HN			ES		742	34.30								
THE	HZ			EP		742	18.86								
THL	HN			ES		742	42.47								

**January 12 2022 Hour: 8: 9 19.9 Lat: 41.91N Lon: 21.48E D: 16.1 Ag: TIR Local**  
**Magnitudes: 2.5ML TIR 2.7MW TIR Rms: 0.3 secs**  
**89 km E of Kukes**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	90	254	EP		8 9	35.730.070								1.0
PHP	HN	90	254	ES		8 9	48.420.030								1.0
PHP	HZ	90	254	IAML		8 9	49.38			38	0.3				
BCI	HZ	127	294	EP		8 9	41.880.010								1.0
BCI	HE	127	294	ES		8 9	59.960.330								1.0
BCI	HZ	127	294	IAML		810	1.94			43	0.3				
PUK	HZ	132	277	EP		8 9	42.73-.010								1.0
PUK	HE	132	277	ES		810	0.71-.490								1.0
PUK	HZ	132	277	IAML		810	4.43			15	0.2				
SDA	HZ	164	276	EP		8 9	48.080.360								0.9
NEST	HZ	170	192	EP		8 9	48.570.030								0.9
NEST	HN	170	192	ES		810	11.31-.400								0.9
NEST	HZ	170	192	IAML		810	14.01			35	0.7				

BERA	HN	185	224	ES		810	15.590	.530										0.9
PDG	HZ	192	288	EP		8	9	50.96	-.280									0.9
PDG	HN	192	288	ES		810	16.38	-.200										0.9
LSK	HZ	209	201	IAML		810	28.80			25	0.7							

**January 12 2022 Hour: 8:13 50.3 Lat: 40.85N Lon: 21.47E D: 7.7 Ag: TIR Local**  
**Magnitudes: 2.7ML TIR 2.8MW TIR Rms: 0.4 secs**

**30 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	60	216	EP		814	1.670	.510							1.0
NEST	HN	60	216	ES		814	9.83	-.120							1.0
NEST	HZ	60	216	IAML		814	10.66			694	0.1				
NEST	HZ	60	216	IAML	A	814	10.67			608	0.2				
KBN	HZ	63	246	EP		814	1.780	.160							1.0
KBN	HN	63	246	ES		814	10.19	-.580							1.0
KBN	HZ	63	246	IAML	A	814	10.93			127	0.6				
LSK	HZ	107	224	EP		814	9.200	.030							1.0
LSK	HN	107	224	ES		814	23.95	-.490							1.0
LSK	HZ	107	224	IAML		814	27.19			83	0.5				
PHP	HZ	126	317	EP		814	12.18	-.130							1.0
PHP	HN	126	317	ES		814	30.220	.100							1.0
PHP	HZ	126	317	IAML	A	814	31.48			42	0.5				
THE	HZ	129	100	EP		814	11.76	-.980							1.0
BERA	HZ	129	263	EP		814	13.290	.530							1.0
THL	HZ	150	162	EP		814	16.680	.360							1.0
THL	HE	150	162	ES		814	37.660	.280							1.0
SRN	HZ	165	230	EP		814	18.970	.270							0.9
SRN	HE	165	230	ES		814	41.59	-.110							0.9
IGT	HZ	176	214	EP		814	20.640	.140							0.9
PUK	HZ	186	316	EP		814	22.380	.400							0.9
PUK	HE	186	316	ES		814	47.43	-.190							0.9
BCI	HZ	205	326	EP		814	24.390	.130							0.9
SDA	HZ	211	310	EP		814	24.80	-.260							0.9

**January 12 2022 Hour: 9: 6 52.3 Lat: 40.88N Lon: 21.37E D: 21.5 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.3 secs**

**41 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	58	208	EP		9	7	3.220	.190						1.0
NEST	HE	58	208	ES		9	7	11.39	-.340						1.0
NEST	HZ	58	208	IAML		9	7	13.38		37	0.2				
LSK	HZ	104	219	EP		9	7	11.020	.580						1.0
LSK	HN	104	219	ES		9	7	25.10	-.050						1.0
PHP	HZ	119	319	EP		9	7	12.750	.020						1.0
PHP	HN	119	319	ES		9	7	29.10	-.190						1.0
THL	HZ	156	159	EP		9	7	18.24	-.150						1.0
THL	HN	156	159	ES		9	7	39.43	-.100						1.0

**January 12 2022 Hour: 9:31 56.8 Lat: 40.88N Lon: 21.31E D: 15.0F Ag: TIR Local**  
**Magnitudes: 1.9ML TIR Rms: 0.2 secs**

**38 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	53	237	EP		932	6.00	-.450							1.0
KBN	HN	53	237	ES		932	14.300	.040							1.0
NEST	HZ	57	203	EP		932	6.93	-.150							1.0
NEST	HN	57	203	ES		932	15.510	.120							1.0
NEST	HZ	57	203	IAML		932	16.05			34	0.1				
LSK	HZ	101	217	EP		932	14.650	.140							1.0
LSK	HN	101	217	ES		932	28.950	.100							1.0
PHP	HZ	115	321	EP		932	17.050	.270							1.0
PHP	HN	115	321	ES		932	32.89	-.060							1.0

**January 12 2022 Hour: 11:1 25.5 Lat: 41.42N Lon: 20.19E D: 9.0 Ag: TIR Local**  
**Magnitudes: 1.2ML TIR Rms: 0.2 secs**  
**8 km S of Bulqize**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	28	253	EP		11	1	30.73							1.0
TIR	HN	28	253	ES		11	1	35.20							1.0
PHP	HZ	36	36	EP		11	1	32.19							1.0
PHP	HN	36	36	ES		11	1	37.43							1.0
PHP	HZ	36	36	IAML		11	1	39.19		12	0.2				1.0
PUK	HZ	73	340	EP		11	1	38.56							1.0
PUK	HN	73	340	ES		11	1	49.50							1.0
PUK	HZ	73	340	IAML		11	1	50.60		6	0.1				1.0
SDA	HN	90	321	ES		11	1	53.90							1.0
NEST	HZ	133	147	EP		11	1	48.60							1.0
NEST	HE	133	147	ES		11	2	7.37							1.0

**January 12 2022 Hour: 11:17 3.7 Lat: 41.32N Lon: 19.89E D: 7.0 Ag: TIR Local**  
**Magnitudes: 1.4ML TIR Rms: 0.4 secs**  
**6 km E of Tirane**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	61	48	EP		1117		15.03							1.0
PHP	HN	61	48	ES		1117		23.24							1.0
PHP	HZ	61	48	IAML		1117		26.23		11	0.3				1.0
PUK	HZ	80	0	EP		1117		18.36							1.0
PUK	HN	80	0	ES		1117		30.67							1.0
PUK	HZ	80	0	IAML		1117		34.15		7	0.2				1.0
SDA	HZ	88	338	EP		1117		19.18							1.0
SDA	HE	88	338	ES		1117		31.29							1.0
BCI	HZ	117	7	EP		1117		24.19							1.0
BCI	HN	117	7	ES		1117		40.80							1.0

**January 12 2022 Hour: 14:41 30.0 Lat: 41.47N Lon: 19.60E D: 10.9 Ag: TIR Local**  
**Magnitudes: 1.2ML TIR Rms: 0.2 secs**  
**10 km NW of Vore**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	27	122	EP		1441		35.12							1.0
TIR	HE	27	122	ES		1441		39.21							1.0
TIR	HZ	27	122	IAML		1441		41.52		19	0.1				1.0
SDA	HZ	64	353	EP		1441		41.58							1.0
SDA	HN	64	353	ES		1441		50.37							1.0
PUK	HZ	68	21	EP		1441		41.91							1.0
PUK	HN	68	21	ES		1441		52.06							1.0
PUK	HZ	68	21	IAML		1441		53.11		5	0.2				1.0
PHP	HZ	74	71	EP		1441		43.29							1.0
PHP	HN	74	71	ES		1441		53.51							1.0

**January 12 2022 Hour: 15:28 46.0 Lat: 40.64N Lon: 21.41E D: 15.0F Ag: TIR Local**  
**Magnitudes: 1.9ML TIR Rms: 0.7 secs**  
**36 km E of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	39	231	IP		1528		52.09							1.0
NEST	HN	39	231	IS		1528		58.70							1.0
NEST	HZ	39	231	IAML		1529		0.18		142	0.1				1.0
LSK	HZ	87	232	IP		1529		1.65							1.0
LSK	HN	87	232	IS		1529		13.64							1.0
LSK	HZ	87	232	IAML		1529		19.26		18	0.3				1.0
THL	HZ	130	156	IP		1529		8.19							1.0
THL	HN	130	156	IS		1529		26.51							1.0
SRN	HZ	146	235	IP		1529		12.08							1.0
SRN	HN	146	235	IS		1529		31.44							1.0
SRN	HZ	146	235	IAML		1529		33.36		8	0.7				1.0
IGT	HZ	153	217	IP		1529		13.01							1.0
IGT	HN	153	217	IS		1529		34.26							1.0

IGT HZ 153 217 IAML 1529 35.38 8 0.5

**January 12 2022 Hour: 16:35 49.7 Lat: 40.71N Lon: 21.33E D: 7.0 Ag: TIR Local**  
**Magnitudes: 1.4ML TIR Rms: 0.8 secs**

**29 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	41	216	IP		1635	56.88	-.320							1.0
NEST	HN	41	216	IS		1636	3.580	.340							1.0
NEST	HZ	41	216	IAML		1636	5.19			30	0.6				
KBN	HZ	47	258	IP		1635	57.89	-.400							1.0
KBN	HN	47	258	IS		1636	5.16	-.060							1.0
KBN	HZ	47	258	IAML		1636	7.70			8	0.4				
LSK	HZ	88	225	IP		1636	5.06	-.430							1.0
LSK	HN	88	225	IS		1636	18.640	.400							1.0
THL	HZ	140	155	IP	A	1636	15.70	1.64							1.0
THL	HN	140	155	IS		1636	32.62	-1.13							1.0

**January 12 2022 Hour: 18:43 16.0 Lat: 40.87N Lon: 21.42E D: 5.7 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR Rms: 0.6 secs**

**44 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	59	212	IP		1843	26.900	.330							1.0
NEST	HN	59	212	IS		1843	34.86	-.280							1.0
NEST	HZ	59	212	IAML		1843	36.31			128	0.1				
KBN	HZ	59	243	IP		1843	26.960	.290							1.0
KBN	HN	59	243	IS		1843	34.53	-.790							1.0
KBN	HZ	59	243	IAML		1843	36.00			67	0.2				
LSK	HZ	105	221	IP		1843	34.48	-.180							1.0
LSK	HN	105	221	IS		1843	48.87	-.900							1.0
LSK	HZ	105	221	IAML		1843	51.32			10	0.3				
PHP	HZ	122	318	IP		1843	37.41	-.060							1.0
PHP	HN	122	318	IS		1843	53.94	-.920							1.0
PHP	HZ	122	318	IAML		1843	56.88			17	0.5				
BERA	HZ	125	262	IP		1843	38.590	.700							1.0
BERA	HN	125	262	IS		1843	56.370	.750							1.0
BERA	HZ	125	262	IAML		1844	0.76			10	0.2				
THL	HZ	153	160	IP		1843	42.660	.100							1.0
THL	HN	153	160	IS		1844	3.61	-.460							1.0
SRN	HZ	162	228	IP		1843	45.20	1.08							0.9
SRN	HN	162	228	IS		1844	7.380	.480							0.9

**January 12 2022 Hour: 19:24 0.4 Lat: 40.85N Lon: 21.32E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.6ML TIR Rms: 0.5 secs**

**36 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	52	241	IP		1924	9.78	-.060							1.0
KBN	HN	52	241	IS		1924	17.740	.270							1.0
KBN	HZ	52	241	IAML		1924	18.34			175	0.3				
NEST	HZ	54	205	IP		1924	9.99	-.210							1.0
NEST	HN	54	205	IS		1924	17.64	-.480							1.0
LSK	HZ	99	218	IP		1924	17.69	-.070							1.0
LSK	HN	99	218	IS		1924	31.30	-.500							1.0
LSK	HZ	99	218	IAML		1924	36.46			127	0.5				
PHP	HZ	118	322	IP		1924	20.45	-.430							1.0
PHP	HN	118	322	IS		1924	37.22	-.220							1.0
PHP	HZ	118	322	IAML		1924	40.12			79	0.9				
SRN	HZ	156	227	IP		1924	28.110	.990							1.0
SRN	HN	156	227	IS		1924	49.110	.370							1.0
SRN	HZ	156	227	IAML		1924	51.78			21	0.5				
PUK	HZ	178	318	IP		1924	31.450	.860							0.9
PUK	HN	178	318	IS		1924	54.69	-.330							0.9
PUK	HZ	178	318	IAML		1924	58.19			19	0.6				

**January 12 2022 Hour: 21:30 43.9 Lat: 39.93N Lon: 20.76E D: 15.0F Ag: TIR Local**  
**Magnitudes: 1.5ML TIR 2.2MW TIR Rms: 0.6 secs**

**41 km E of Libohove**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	28	331	IP		2130	49.52	-.060							1.0
LSK	HN	28	331	IS		2130	53.96	-.210							1.0
LSK	HZ	28	331	IAML		2130	55.76			38	0.3				
IGT	HZ	57	220	IP		2130	53.18	-1.07							1.0
IGT	HN	57	220	IS		2131	3.52	0.910							1.0
IGT	HZ	57	220	IAML		2131	6.52			8	0.1				
NEST	HZ	59	24	IP		2130	54.86	0.260							1.0
NEST	HN	59	24	IS		2131	3.66	0.400							1.0
NEST	HZ	59	24	IAML		2131	5.81			10	0.2				
SRN	HZ	65	265	IP		2130	55.66	0.130							1.0
SRN	HN	65	265	IS		2131	4.76	-.170							1.0
SRN	HZ	65	265	IAML		2131	5.87			13	0.3				
KEK	HZ	86	254	IP		2130	58.01	-.950							1.0
KEK	HN	86	254	IS		2131	11.90	0.760							1.0

**January 12 2022 Hour: 21:39 24.1 Lat: 40.79N Lon: 21.41E D: 21.3 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR Rms: 0.3 secs**

**37 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	52	216	IP		2139	33.86	-.010							1.0
NEST	HN	52	216	IS		2139	41.86	0.100							1.0
NEST	HZ	52	216	IAML		2139	43.00			29	0.2				
KBN	HZ	56	251	IP		2139	35.02	0.530							1.0
KBN	HN	56	251	IS		2139	42.36	-.530							1.0
KBN	HZ	56	251	IAML		2139	43.77			9	0.3				
LSK	HZ	99	224	IP		2139	41.48	-.050							1.0
LSK	HN	99	224	IS		2139	55.83	0.190							1.0
LSK	HZ	99	224	IAML		2139	57.94			17	0.7				
THL	HZ	146	159	IP		2139	48.52	-.250							1.0

**January 13 2022 Hour: 3:21 7.7 Lat: 40.76N Lon: 21.40E D: 11.1 Ag: TIR Local**  
**Magnitudes: 1.6ML TIR Rms: 0.8 secs**

**41 km E of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	49	217	EP		321	16.87	0.340							1.0
NEST	HE	49	217	ES		321	23.94	0.220							1.0
NEST	HZ	49	217	IAML		321	25.84			36	0.2				
KBN	HZ	54	253	EP		321	16.98	-.380							1.0
KBN	HN	54	253	ES		321	25.13	-.080							1.0
KBN	HZ	54	253	IAML		321	28.30			11	0.4				
LSK	HZ	96	225	EP		321	23.85	-.570							1.0
LSK	HN	96	225	ES		321	37.33	-.670							1.0
PHP	HZ	130	322	EP		321	30.25	0.220							1.0
PHP	HN	130	322	ES		321	47.52	-.630							1.0
THL	HZ	143	158	EP		321	33.64	1.39							1.0
THL	HN	143	158	ES		321	50.76	-1.40							1.0
SRN	HZ	154	231	EP		321	35.27	1.26							1.0
SRN	HE	154	231	ES		321	55.79	0.440							1.0

**January 13 2022 Hour: 5:10 38.5 Lat: 40.80N Lon: 21.49E D: 11.1 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR Rms: 0.9 secs**

**46 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	57	221	EP		510	49.87	1.15							1.0
NEST	HN	57	221	ES		510	57.25	0.270							1.0
NEST	HZ	57	221	IAML		510	59.49			36	0.2				
KBN	HZ	62	252	EP		510	49.67	0.020							1.0
KBN	HE	62	252	ES		510	57.23	-1.43							1.0
KBN	HZ	62	252	IAML		510	59.39			11	0.2				



LSK	HZ	104	227	EP	510	56.990	.320										1.0
LSK	HN	104	227	ES	511	11.33	-.030										1.0
THL	HZ	144	162	EP	511	1.92	-1.37										1.0
SRN	HZ	162	232	EP	511	7.38	1.09										0.9

**January 13 2022 Hour: 5:48 0.8 Lat: 40.89N Lon: 21.38E D: 7.6 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR Rms: 0.5 secs**  
**41 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	58	240	EP		548	11.05	-.310							1.0
KBN	HN	58	240	ES		548	19.910	.020							1.0
KBN	HZ	58	240	IAML		548	21.86			22	0.2				
NEST	HZ	60	208	EP		548	12.140	.490							1.0
NEST	HN	60	208	ES		548	20.13	-.290							1.0
NEST	HZ	60	208	IAML		548	21.95			57	0.1				
LSK	HZ	106	219	EP		548	19.800	.350							1.0
LSK	HN	106	219	ES		548	33.93	-.590							1.0
LSK	HZ	106	219	IAML		548	36.21			9	0.3				
PHP	HN	118	318	ES		548	38.10	-.150							1.0
THL	HZ	157	160	EP		548	27.01	-.890							1.0
THL	HE	157	160	ES		548	50.180	.350							1.0
SRN	HZ	162	227	EP		548	29.730	.910							0.9
SRN	HN	162	227	ES		548	51.650	.160							0.9

**January 13 2022 Hour: 7:21 0.9 Lat: 40.21N Lon: 19.66E D: 19.4 Ag: TIR Local**  
**Magnitudes: 3.2ML TIR 3.4MW TIR Rms: 0.5 secs**  
**13 km NW of Himare**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLO	HZ	32	335	EP		721	7.520	.050							1.0
VLO	HN	32	335	ES		721	12.780	.010							1.0
VLO	HZ	32	335	IAML		721	17.74			2152	0.4				
SRN	HZ	46	141	EP		721	9.22	-.410							1.0
SRN	HN	46	141	ES		721	16.04	-.640							1.0
SRN	HZ	46	141	IAML		721	16.93			791	0.4				
KEK	HZ	56	168	EP		721	11.700	.530							1.0
KEK	HZ	56	168	IAML		721	26.21			604	0.4				
BERA	HZ	61	24	EP		721	11.61	-.290							1.0
BERA	HN	61	24	ES		721	20.990	.200							1.0
BERA	HZ	61	24	IAML		721	23.84			606	0.3				
LSK	HZ	80	94	EP		721	14.84	-.370							1.0
LSK	HN	80	94	ES		721	26.63	-.140							1.0
LSK	HZ	80	94	IAML		721	32.25			492	0.4				
IGT	HZ	94	142	EP		721	17.37	-.100							1.0
IGT	HN	94	142	ES		721	31.190	.320							1.0
IGT	HZ	94	142	IAML		721	33.92			202	0.5				
KBN	HZ	107	64	EP		721	19.38	-.140							1.0
KBN	HN	107	64	ES		721	34.780	.210							1.0
KBN	HZ	107	64	IAML		721	39.90			243	0.8				
NEST	HZ	120	78	EP		721	22.300	.470							1.0
NEST	HE	120	78	ES		721	39.370	.620							1.0
NEST	HZ	120	78	IAML		721	42.80			340	0.7				
TIR	HZ	128	8	EP		721	23.540	.590							1.0
TIR	HN	128	8	ES		721	40.810	.030							1.0
TIR	HZ	128	8	IAML		721	43.69			137	0.6				
PHP	HZ	177	22	EP		721	29.82	-.230							0.9
PHP	HN	177	22	ES		721	53.13	-.500							0.9
PHP	HZ	177	22	IAML		722	0.41			72	0.6				
PUK	HZ	205	5	EP		721	32.89	-.770							0.9
PUK	HE	205	5	ES		721	58.32	-1.86							0.9
PUK	HZ	205	5	IAML		722	1.06			77	0.6				
SDA	HZ	205	356	EP		721	33.870	.280							0.9
SDA	HN	205	356	ES		722	0.700	.650							0.9
SDA	HZ	205	356	IAML		722	7.59			34	0.4				
THL	HZ	214	109	EP		721	34.920	.240							0.9

THL	HN	214	109	ES	722	2.030.020											0.9
PDG	HZ	249	352	EP	721	39.870.640											0.9
PDG	HN	249	352	ES	722	10.900.640											0.9
PDG	HZ	249	352	IAML	722	14.70				55	0.8						

**January 13 2022 Hour: 8:53 21.9 Lat: 40.78N Lon: 21.39E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 2.7MW TIR Rms: 0.5 secs**

**37 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	49	216	EP		853	31.460.540								1.0
NEST	HE	49	216	ES		853	38.10-.120								1.0
NEST	HZ	49	216	IAML		853	39.13			494	0.2				
KBN	HZ	54	252	EP		853	31.40-.220								1.0
KBN	HN	54	252	ES		853	39.560.070								1.0
KBN	HZ	54	252	IAML		853	40.74			38	0.2				
LSK	HZ	97	224	EP		853	38.850.060								1.0
LSK	HN	97	224	ES		853	51.72-.730								1.0
LSK	HZ	97	224	IAML		853	54.48			47	0.4				
PHP	HZ	129	322	EP		853	44.03-.070								1.0
PHP	HN	129	322	ES		854	1.14-.920								1.0
PHP	HZ	129	322	IAML		854	2.77			17	0.4				
THL	HZ	145	158	EP		853	46.67-.040								1.0
THL	HN	145	158	ES		854	6.04-.750								1.0
SRN	HZ	154	230	EP		853	49.210.850								1.0
SRN	HN	154	230	ES		854	9.55-.220								1.0
IGT	HZ	165	214	EP		853	50.350.240								0.9
IGT	HN	165	214	ES		854	13.440.490								0.9
IGT	HZ	165	214	IAML		854	16.66			20	0.4				
PUK	HZ	188	319	EP		853	54.41 1.01								0.9

**January 13 2022 Hour: 9:35 43.1 Lat: 39.94N Lon: 20.75E D: 20.2 Ag: TIR Local**  
**Magnitudes: 2.6ML TIR 3.0MW TIR Rms: 0.5 secs**

**42 km E of Libohove**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	27	331	EP		935	49.150.170								1.0
LSK	HN	27	331	ES		935	53.830.070								1.0
LSK	HZ	27	331	IAML		935	56.30			405	0.3				
IGT	HZ	58	218	EP		935	53.01-.620								1.0
IGT	HN	58	218	ES		936	2.550.370								1.0
IGT	HZ	58	218	IAML		936	6.96			131	0.3				
NEST	HZ	59	26	EP		935	54.510.660								1.0
NEST	HN	59	26	ES		936	3.110.550								1.0
NEST	HZ	59	26	IAML		936	5.90			165	0.4				
SRN	HZ	64	264	EP		935	54.780.070								1.0
SRN	HN	64	264	ES		936	4.310.190								1.0
SRN	HZ	64	264	IAML		936	6.66			126	0.4				
KBN	HZ	76	2	EP		935	55.74-.920								1.0
KBN	HN	76	2	ES		936	6.58-1.08								1.0
KBN	HZ	76	2	IAML		936	10.46			51	0.5				
KEK	HZ	85	253	EP		935	57.71-.420								1.0
KEK	HN	85	253	ES		936	10.15-.170								1.0
KEK	HZ	85	253	IAML		936	13.10			149	0.5				
BERA	HZ	109	322	EP		936	1.99-.000								1.0
BERA	HN	109	322	ES		936	17.920.610								1.0
BERA	HZ	109	322	IAML		936	22.55			30	0.4				
THL	HZ	116	111	EP		936	3.910.740								1.0
THL	HN	116	111	ES		936	19.00-.430								1.0
PHP	HZ	196	352	EP		936	15.110.620								0.9
PUK	HZ	244	343	EP		936	20.42-.370								0.9

January 13 2022 Hour: 10:23 12.9 Lat: 40.90N Lon: 21.41E D: 10.0F Ag: TIR Local  
 Magnitudes: 2.6ML TIR 3.0MW TIR Rms: 0.8 secs  
 45 km E of Pustec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	61	240	EP		1023	23.22	-.650							1.0
KBN	HN	61	240	ES		1023	31.97	-.740							1.0
KBN	HZ	61	240	IAML		1023	35.57			72	0.2				
NEST	HZ	62	210	EP		1023	23.28	-.770							1.0
NEST	HE	62	210	ES		1023	31.52	-1.53							1.0
NEST	HZ	62	210	IAML		1023	32.64			347	0.2				
LSK	HZ	108	220	EP		1023	30.80	-.930							1.0
LSK	HN	108	220	ES		1023	47.47	0.530							1.0
LSK	HZ	108	220	IAML		1023	49.41			81	0.5				
PHP	HZ	119	317	EP		1023	32.83	-.790							1.0
PHP	HN	119	317	ES		1023	50.72	0.350							1.0
PHP	HZ	119	317	IAML		1023	53.03			51	0.6				
BERA	HZ	125	260	EP		1023	34.80	0.250							1.0
BERA	HN	125	260	ES		1023	53.20	1.15							1.0
THE	HZ	135	102	EP		1023	35.64	-.530							1.0
THE	HN	135	102	ES		1023	55.88	0.890							1.0
SRN	HZ	164	227	EP		1023	41.42	0.290							0.9
SRN	HN	164	227	ES		1024	5.06	1.11							0.9
SRN	HZ	164	227	IAML		1024	10.32			19	0.3				
IGT	HZ	177	211	EP		1023	44.18	1.14							0.9
IGT	HN	177	211	ES		1024	7.90	0.480							0.9
PUK	HZ	179	316	EP		1023	42.41	-1.01							0.9
KEK	HZ	190	227	EP		1023	45.63	0.960							0.9
BCI	HZ	198	326	EP		1023	45.55	-.160							0.9
SDA	HZ	204	309	EP		1023	46.95	0.440							0.9

January 13 2022 Hour: 11:25 52.2 Lat: 40.88N Lon: 21.39E D: 15.0F Ag: TIR Local  
 Magnitudes: 2.5ML TIR 3.0MW TIR Rms: 0.9 secs  
 43 km E of Pustec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	58	241	EP		1126	2.49	-.220							1.0
KBN	HN	58	241	ES		1126	10.27	-.960							1.0
KBN	HZ	58	241	IAML		1126	11.58			113	0.3				
NEST	HZ	59	209	IP	A	1126	2.18	-.700							1.0
NEST	HN	59	209	ES		1126	10.63	-.910							1.0
NEST	HZ	59	209	IAML		1126	12.27			175	0.3				
LSK	HZ	105	220	EP		1126	10.07	-.440							1.0
LSK	HN	105	220	ES		1126	25.57	0.210							1.0
LSK	HZ	105	220	IAML		1126	26.49			34	0.3				
PHP	HZ	119	319	EP		1126	11.72	-1.14							1.0
PHP	HN	119	319	ES		1126	29.02	-.590							1.0
PHP	HZ	119	319	IAML		1126	32.03			30	0.4				
BERA	HZ	123	261	EP		1126	13.24	-.190							1.0
BERA	HN	123	261	ES		1126	30.87	0.220							1.0
THE	HZ	136	101	EP		1126	15.05	-.510							1.0
THE	HN	136	101	ES		1126	34.46	-.030							1.0
SRN	HZ	162	227	EP		1126	20.42	0.650							0.9
SRN	HN	162	227	ES		1126	42.29	0.180							0.9
IGT	HZ	175	211	EP		1126	21.99	0.570							0.9
IGT	HN	175	211	ES		1126	47.24	2.13							0.9
PUK	HZ	180	316	EP		1126	21.50	-.630							0.9
KEK	HZ	187	227	EP		1126	23.86	0.820							0.9
BCI	HZ	198	327	EP		1126	24.60	0.110							0.9
BCI	HN	198	327	ES		1126	52.83	2.18							0.9
BCI	HZ	198	327	IAML		1127	0.83			17	0.6				

January 13 2022 Hour: 12:15 45.6 Lat: 40.86N Lon: 21.40E D: 15.0F Ag: TIR Local  
 Magnitudes: 2.5ML TIR 3.0MW TIR Rms: 0.6 secs  
 43 km E of Pustec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	58	211	EP		1215	56.440	.550							1.0
NEST	HN	58	211	ES		1216	4.450	.200							1.0
NEST	HZ	58	211	IAML		1216	5.76			363	0.2				
KBN	HZ	58	243	EP		1215	56.360	.420							1.0
KBN	HN	58	243	ES		1216	4.560	.230							1.0
KBN	HZ	58	243	IAML		1216	6.33			83	0.2				
LSK	HZ	104	221	EP		1216	4.14-	.030							1.0
LSK	HN	104	221	ES		1216	18.51-	.720							1.0
LSK	HZ	104	221	IAML		1216	23.00			80	0.5				
PHP	HZ	122	319	EP		1216	6.50-	.810							1.0
PHP	HE	122	319	ES		1216	24.06-	.850							1.0
BERA	HZ	124	262	EP		1216	8.180	.590							1.0
BERA	HE	124	262	ES		1216	25.08-	.350							1.0
THE	HZ	135	100	EP		1216	9.650	.230							1.0
THE	HN	135	100	ES		1216	29.060	.320							1.0
THL	HZ	153	160	EP		1216	11.76-	.750							1.0
THL	HN	153	160	ES		1216	34.23-	.100							1.0
SRN	HZ	161	228	EP		1216	14.89	1.05							0.9
SRN	HN	161	228	ES		1216	37.010	.270							0.9
SRN	HZ	161	228	IAML		1216	40.58			22	0.3				
IGT	HN	173	212	ES		1216	39.78-	.630							0.9
IGT	HZ	173	212	IAML		1216	48.37			22	0.6				
PUK	HZ	182	317	EP		1216	16.67-	.670							0.9
PUK	HN	182	317	ES		1216	44.38	1.30							0.9
PUK	HZ	182	317	IAML		1216	49.76			13	0.6				
BCI	HZ	201	327	EP		1216	18.97-	.980							0.9
BCI	HN	201	327	ES		1216	48.550	.750							0.9
BCI	HZ	201	327	IAML		1216	54.94			26	0.7				

January 13 2022 Hour: 13:10 27.7 Lat: 39.60N Lon: 20.30E D: 18.3 Ag: TIR Local  
 Magnitudes: 1.5ML TIR Rms: 0.6 secs  
 8 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	8	160	EP		1310	30.93-	.320							1.0
IGT	HN	8	160	ES		1310	34.290	.160							1.0
IGT	HZ	8	160	IAML		1310	35.95			52	0.1				
SRN	HZ	40	320	EP		1310	34.11-	1.19							1.0
SRN	HN	40	320	ES		1310	41.530	.060							1.0
KEK	HZ	45	286	EP		1310	36.480	.420							1.0
KEK	HN	45	286	ES		1310	43.140	.290							1.0
LSK	HZ	66	23	EP		1310	40.120	.580							1.0

January 13 2022 Hour: 13:45 29.3 Lat: 40.91N Lon: 21.49E D: 5.2 Ag: TIR Local  
 Magnitudes: 2.7ML TIR 3.0MW TIR Rms: 0.7 secs  
 48 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	67	214	IP	A	1345	42.100	.850							1.0
NEST	HZ	67	214	IAML	A	1345	49.64			240	0.2				
KBN	HZ	67	242	EP		1345	41.10-	.250							1.0
PHP	HZ	123	315	EP		1345	49.96-	.850							1.0
PHP	HN	123	315	ES		1346	7.74-	.520							1.0
PHP	HZ	123	315	IAML		1346	10.30			39	0.4				
BERA	HZ	132	260	EP		1345	51.90-	.440							1.0
BERA	HN	132	260	ES		1346	12.12	1.10							1.0
THL	HZ	156	163	EP		1345	55.78-	.640							1.0
THL	HN	156	163	ES		1346	18.560	.150							1.0
SRN	HZ	171	228	EP		1345	59.330	.530							0.9
SRN	HN	171	228	ES		1346	21.42-	1.28							0.9
PUK	HZ	183	314	EP		1346	1.320	.530							0.9

BCI HZ 200 324 EP 1346 3.830.890 0.9

**January 13 2022 Hour: 14:44 58.2 Lat: 40.85N Lon: 21.40E D: 15.0F Ag: TIR Local**  
**Magnitudes: 1.9ML TIR 2.6MW TIR Rms: 0.6 secs**

**40 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	57	212	EP		1445	8.850	.490							1.0
NEST	HN	57	212	ES		1445	16.830	.250							1.0
NEST	HZ	57	212	IAML		1445	18.89			124	0.2				
KBN	HZ	58	244	EP		1445	9.300	.790							1.0
KBN	HN	58	244	ES		1445	17.220	.370							1.0
KBN	HZ	58	244	IAML		1445	18.40			27	0.2				
LSK	HZ	103	221	EP		1445	16.35-	.310							1.0
LSK	HN	103	221	ES		1445	30.23-	1.38							1.0
PHP	HZ	123	319	EP		1445	19.71-	.410							1.0
PHP	HN	123	319	ES		1445	37.960	.090							1.0
PHP	HZ	123	319	IAML		1445	39.18			12	0.3				
THL	HZ	152	160	EP		1445	24.22-	.730							1.0
THL	HN	152	160	ES		1445	47.200	.580							1.0
SRN	HN	161	228	ES		1445	49.430	.240							0.9

**January 13 2022 Hour: 15:12 13.8 Lat: 40.84N Lon: 21.47E D: 6.0 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR Rms: 0.5 secs**

**46 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	59	218	EP		1512	25.230	.810							1.0
NEST	HE	59	218	ES		1512	32.88-	.140							1.0
NEST	HZ	59	218	IAML		1512	33.47			36	0.2				
KBN	HZ	63	248	EP		1512	24.39-	.660							1.0
KBN	HE	63	248	ES		1512	34.08-	.080							1.0
LSK	HN	106	225	ES		1512	48.090	.230							1.0
THL	HZ	148	162	EP		1512	39.830	.250							1.0
THL	HE	148	162	ES		1513	0.04-	.420							1.0

**January 13 2022 Hour: 15:21 53.9 Lat: 40.84N Lon: 21.43E D: 9.1 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR 3.9MW TIR Rms: 0.4 secs**

**44 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	58	215	EP		1522	4.37-	.020							1.0
NEST	HE	58	215	ES		1522	12.60-	.250							1.0
NEST	HZ	58	215	IAML		1522	13.54			49	0.2				
LSK	HZ	105	223	EP		1522	12.01-	.250							1.0
LSK	HN	105	223	ES		1522	26.95-	.150							1.0
PHP	HZ	125	319	EP		1522	15.820	.120							1.0
PHP	HN	125	319	ES		1522	33.03-	.290							1.0
THL	HZ	150	161	EP		1522	20.340	.530							1.0
THL	HE	150	161	ES		1522	40.12-	.640							1.0
IGT	HZ	173	213	EP		1522	24.230	.590							0.9
IGT	HN	173	213	ES		1522	48.150	.460							0.9

**January 13 2022 Hour: 16:15 50.4 Lat: 40.91N Lon: 21.40E D: 10.0F Ag: TIR Local**  
**Magnitudes: 1.8ML TIR Rms: 0.8 secs**

**43 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	60	239	EP		1616	1.430	.130							1.0
KBN	HE	60	239	ES		1616	9.24-	.890							1.0
KBN	HZ	60	239	IAML		1616	11.31			19	0.2				
NEST	HZ	62	208	EP		1616	1.57-	.050							1.0
NEST	HN	62	208	ES		1616	9.87-	.830							1.0
NEST	HZ	62	208	IAML		1616	11.50			35	0.4				
LSK	HN	108	219	ES		1616	25.170	.670							1.0
THL	HZ	158	160	EP		1616	16.89-	.650							0.9
IGT	HZ	178	211	EP		1616	20.820	.240							0.9
IGT	HN	178	211	ES		1616	46.56	1.55							0.9

January 13 2022 Hour: 16:42 47.8 Lat: 40.85N Lon: 21.45E D: 12.6 Ag: TIR Local  
 Magnitudes: 2.1ML TIR 2.6MW TIR Rms: 0.4 secs  
 45 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	59	215	EP		1642	58.550	.170							1.0
NEST	HN	59	215	ES		1643	6.73-	.210							1.0
NEST	HZ	59	215	IAML		1643	7.59			180	0.2				
KBN	HZ	61	246	EP		1642	59.000	.240							1.0
KBN	HE	61	246	ES		1643	7.54-	.100							1.0
KBN	HZ	61	246	IAML		1643	8.32			37	0.1				
LSK	HZ	106	223	EP		1643	6.05-	.150							1.0
LSK	HN	106	223	ES		1643	20.28-	.830							1.0
PHP	HZ	126	318	EP		1643	9.510	.000							1.0
PHP	HN	126	318	ES		1643	26.93-	.150							1.0
PHP	HZ	126	318	IAML		1643	29.00			18	0.3				
BERA	HZ	128	263	EP		1643	10.320	.530							1.0
BERA	HE	128	263	ES		1643	27.880	.280							1.0
THL	HZ	150	161	EP		1643	13.720	.150							1.0
THL	HE	150	161	ES		1643	34.34-	.090							1.0
SRN	HZ	163	229	EP		1643	16.350	.630							0.9
SRN	HN	163	229	ES		1643	38.530	.190							0.9
SRN	HZ	163	229	IAML		1643	41.51			16	0.6				
IGT	HZ	174	213	EP		1643	17.23-	.000							0.9
IGT	HE	174	213	ES		1643	41.200	.130							0.9
PUK	HZ	186	316	EP		1643	18.03-	.780							0.9
PUK	HZ	186	316	IAML		1643	49.71			6	0.6				

January 13 2022 Hour: 16:55 40.7 Lat: 40.89N Lon: 21.43E D: 4.6 Ag: TIR Local  
 Magnitudes: 2.4ML TIR 3.1MW TIR Rms: 0.4 secs  
 46 km E of Pustec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	62	241	EP		1655	52.240	.420							1.0
KBN	HE	62	241	ES		1656	0.950	.100							1.0
KBN	HZ	62	241	IAML	A	1656	4.14			52	0.3				
NEST	HZ	62	212	EP		1655	51.81-	.030							1.0
NEST	HN	62	212	ES		1656	0.39-	.490							1.0
NEST	HZ	62	212	IAML		1656	0.85			202	0.1				
LSK	HZ	109	221	EP		1655	59.42-	.540							1.0
LSK	HN	109	221	ES		1656	15.52-	.060							1.0
PHP	HZ	121	317	EP		1656	1.84-	.150							1.0
PHP	HN	121	317	ES		1656	18.85-	.420							1.0
PHP	HZ	121	317	IAML		1656	22.03			33	0.4				
BERA	HZ	127	261	EP		1656	3.290	.330							1.0
THE	HZ	133	102	EP		1656	4.250	.380							1.0
THL	HZ	156	161	EP		1656	6.93-	.780							1.0
THL	HN	156	161	ES		1656	29.58-	.040							1.0
SRN	HZ	166	228	EP		1656	9.860	.460							0.9
SRN	HE	166	228	ES		1656	32.710	.040							0.9
IGT	HZ	178	212	EP		1656	11.950	.520							0.9
PUK	HZ	181	315	EP		1656	12.03-	.020							0.9
PUK	HZ	181	315	IAML	A	1656	44.79			11	0.9				
PUK	HZ	181	315	IAML		1656	45.17			12	0.8				
KEK	HZ	191	227	EP		1656	13.700	.490							0.9
KEK	HZ	191	227	IAML		1656	45.53			48	0.7				
BCI	HZ	199	326	EP		1656	14.380	.070							0.9
BCI	HZ	199	326	IAML		1656	50.14			23	0.8				
SDA	HZ	206	309	EP		1656	14.99-	.170							0.9

January 13 2022 Hour: 17:38 8.3 Lat: 40.84N Lon: 21.44E D: 8.4 Ag: TIR Local  
 Magnitudes: 1.8ML TIR Rms: 0.3 secs  
 44 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	58	216	EP		1738	19.470	.770							1.0
NEST	HE	58	216	ES		1738	27.10	-.040							1.0
NEST	HZ	58	216	IAML		1738	28.09			43	0.1				1.0
KBN	HZ	60	247	EP		1738	18.86	-.310							1.0
KBN	HN	60	247	ES		1738	28.060	.060							1.0
KBN	HZ	60	247	IAML		1738	29.37			16	0.1				1.0
LSK	HZ	105	223	EP		1738	26.45	-.210							1.0
LSK	HN	105	223	ES		1738	41.46	-.090							1.0
PHP	HZ	126	319	EP		1738	30.02	-.210							1.0
THL	HZ	149	161	EP		1738	34.03	-.020							1.0
THL	HE	149	161	ES		1738	54.82	-.110							1.0
SRN	HZ	162	230	EP		1738	36.360	.160							0.9
SRN	HN	162	230	ES		1738	58.76	-.050							0.9
IGT	HZ	173	214	EP		1738	38.030	.020							0.9
IGT	HN	173	214	ES		1739	1.55	-.540							0.9
KEK	HE	188	229	ES		1739	6.120	.590							0.9

January 13 2022 Hour: 17:39 40.1 Lat: 40.83N Lon: 21.44E D: 10.0F Ag: TIR Local  
 Magnitudes: 2.1ML TIR 3.0MW TIR Rms: 0.6 secs  
 44 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	57	216	EP		1739	50.30	-.210							1.0
NEST	HN	57	216	ES		1739	58.10	-.840							1.0
NEST	HZ	57	216	IAML		1739	59.53			211	0.3				1.0
KBN	HZ	60	247	EP		1739	50.31	-.650							1.0
KBN	HN	60	247	ES		1739	59.09	-.660							1.0
KBN	HZ	60	247	IAML	A	1739	59.92			39	0.3				1.0
LSK	HZ	105	224	EP		1739	58.25	-.100							1.0
PHP	HZ	126	319	EP		1740	1.19	-.770							1.0
PHP	HZ	126	319	IAML		1740	20.65			23	0.4				1.0
BERA	HZ	127	264	EP		1740	1.88	-.160							1.0
BERA	HE	127	264	ES		1740	20.790	.970							1.0
THL	HZ	149	161	EP		1740	5.60	-.140							1.0
THL	HN	149	161	ES		1740	26.530	.020							1.0
SRN	HZ	162	230	EP		1740	8.270	.380							0.9
IGT	HZ	173	214	EP		1740	9.55	-.100							0.9
IGT	HE	173	214	ES		1740	34.93	1.34							0.9
PUK	HZ	187	316	EP		1740	12.040	.570							0.9
PUK	HZ	187	316	IAML		1740	41.32			6	0.4				0.9
KEK	HZ	187	229	EP		1740	12.240	.730							0.9
BCI	HZ	205	326	EP		1740	13.970	.160							0.9
SDA	HZ	211	310	EP		1740	14.36	-.160							0.9

January 13 2022 Hour: 18: 5 37.8 Lat: 40.88N Lon: 21.41E D: 11.2 Ag: TIR Local  
 Magnitudes: 1.9ML TIR 2.5MW TIR Rms: 0.3 secs  
 44 km E of Pustec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	60	242	EP		18 5	48.790	.170							1.0
KBN	HE	60	242	ES		18 5	57.380	.040							1.0
NEST	HZ	60	211	EP		18 5	48.670	.010							1.0
NEST	HN	60	211	ES		18 5	57.27	-.150							1.0
NEST	HZ	60	211	IAML		18 5	57.57			112	0.2				1.0
LSK	HZ	107	221	EP		18 5	56.18	-.200							1.0
LSK	HN	107	221	ES		18 6	11.28	-.100							1.0
PHP	HZ	121	318	EP		18 5	58.56	-.180							1.0
PHP	HN	121	318	ES		18 6	15.40	-.250							1.0
PHP	HZ	121	318	IAML		18 6	18.26			12	0.3				1.0
THL	HZ	155	161	EP		18 6	3.93	-.440							1.0
THL	HE	155	161	ES		18 6	26.140	.290							1.0

SRN	HZ	164	228	EP		18	6	6.310.500									0.9
SRN	HE	164	228	ES		18	6	28.640.180									0.9
IGT	HZ	176	212	EP		18	6	7.47-.160									0.9
IGT	HN	176	212	ES		18	6	31.51-.240									0.9
PUK	HZ	181	316	EP		18	6	8.980.600									0.9
PUK	HZ	181	316	IAML	A	18	6	41.69			5	0.7					

**January 13 2022 Hour: 18:40 33.9 Lat: 40.87N Lon: 21.45E D: 6.8 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 3.1MW TIR Rms: 0.4 secs**  
**46 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	61	214	EP		1840	44.870.040								1.0
NEST	HN	61	214	ES		1840	53.46-.220								1.0
NEST	HZ	61	214	IAML		1840	54.92			373	0.2				
KBN	HZ	62	244	EP		1840	45.470.420								1.0
KBN	HN	62	244	ES		1840	53.81-.270								1.0
KBN	HZ	62	244	IAML		1840	54.19			57	0.2				
LSK	HZ	107	222	EP		1840	52.51-.340								1.0
LSK	HZ	107	222	IAML		1841	8.37			52	0.4				
PHP	HZ	124	317	EP		1840	54.66-.860								1.0
PHP	HN	124	317	ES		1841	12.99-.040								1.0
PHP	HZ	124	317	IAML	A	1841	14.52			50	0.5				
BERA	HZ	128	262	EP		1840	56.670.510								1.0
BERA	HE	128	262	ES		1841	14.280.090								1.0
THE	HZ	131	101	EP		1840	57.060.350								1.0
THE	HE	131	101	ES		1841	15.02-.170								1.0
THE	HZ	131	101	IAML		1841	18.65			18	0.3				
TIR	HZ	143	292	EP		1840	59.400.680								1.0
TIR	HZ	143	292	IAML	A	1841	26.26			23	0.5				
THL	HZ	153	161	EP		1841	0.02-.320								1.0
SRN	HZ	165	229	EP		1841	2.400.060								0.9
SRN	HE	165	229	ES		1841	24.86-.510								0.9
SRN	HZ	165	229	IAML		1841	27.89			15	0.4				
IGT	HZ	176	213	EP		1841	4.470.210								0.9
IGT	HN	176	213	ES		1841	29.030.180								0.9
IGT	HZ	176	213	IAML		1841	30.90			13	0.3				
PUK	HZ	184	316	EP		1841	4.87-.470								0.9
PUK	HZ	184	316	IAML	A	1841	37.68			16	0.4				
KEK	HZ	190	228	EP		1841	6.640.590								0.9
KEK	HZ	190	228	IAML		1841	36.85			38	0.5				
BCI	HZ	202	326	EP		1841	7.49-.130								0.9
BCI	HZ	202	326	IAML		1841	42.55			31	0.9				
SDA	HZ	209	310	EP		1841	8.650.220								0.9

**January 13 2022 Hour: 18:45 29.7 Lat: 40.88N Lon: 21.43E D: 6.6 Ag: TIR Local**  
**Magnitudes: 2.6ML TIR 3.2MW TIR Rms: 0.4 secs**  
**46 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	62	212	EP		1845	41.020.200								1.0
NEST	HN	62	212	ES		1845	49.50-.290								1.0
NEST	HZ	62	212	IAML		1845	49.84			973	0.2				
KBN	HZ	62	242	EP		1845	40.85-.020								1.0
KBN	HZ	62	242	IAML		1845	51.91			167	0.2				
LSK	HZ	108	221	EP		1845	48.54-.260								1.0
LSK	HN	108	221	ES		1846	3.57-.670								1.0
LSK	HZ	108	221	IAML	A	1846	7.68			158	0.5				
PHP	HZ	122	317	EP		1845	50.72-.330								1.0
BERA	HZ	127	261	EP		1845	52.040.150								1.0
BERA	HE	127	261	ES		1846	9.980.140								1.0
THE	HZ	132	102	EP		1845	52.74-.030								1.0
THE	HZ	132	102	IAML	A	1846	13.31			35	0.6				
TIR	HZ	141	292	EP		1845	54.620.300								1.0
TIR	HZ	141	292	IAML		1846	18.79			27	0.7				
THL	HZ	155	161	EP		1845	56.03-.480								1.0



SRN	HZ	165	228	EP		1845	58.620.370										0.9
SRN	HZ	165	228	E		1846	24.61										
SRN	HZ	165	228	IAML		1846	24.61		32	0.6							
IGT	HZ	177	212	EP		1846	1.070.820										0.9
IGT	HN	177	212	ES		1846	25.370.400										0.9
IGT	HZ	177	212	IAML		1846	26.78		30	0.3							
PUK	HZ	182	315	EP		1846	0.71-.250										0.9
PUK	HE	182	315	ES		1846	25.75-.500										0.9
PUK	HZ	182	315	IAML		1846	27.92		16	0.5							
KEK	HZ	190	227	EP		1846	2.210.240										0.9
KEK	HZ	190	227	IAML		1846	32.88		48	0.4							
BCI	HZ	200	326	EP		1846	3.610.370										0.9
BCI	HZ	200	326	IAML		1846	38.85		25	0.2							
PDG	HZ	249	314	IAML		1846	49.55		14	0.6							

**January 13 2022 Hour: 19:19 26.4 Lat: 40.86N Lon: 21.40E D: 10.0F Ag: TIR Local**  
**Magnitudes: 2.2ML TIR 2.6MW TIR Rms: 0.5 secs**  
**42 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	58	211	EP		1919	36.42-.450								1.0
NEST	HN	58	211	ES		1919	45.06-.280								1.0
NEST	HZ	58	211	IAML		1919	45.37		111	0.3					
KBN	HZ	58	244	EP		1919	36.960.020								1.0
KBN	HN	58	244	ES		1919	45.23-.230								1.0
KBN	HZ	58	244	IAML		1919	46.29		32	0.1					
LSK	HZ	104	221	EP		1919	44.02-.590								1.0
PHP	HZ	122	319	EP		1919	46.88-.710								1.0
BERA	HZ	124	262	EP		1919	48.810.960								1.0
THL	HZ	153	160	EP		1919	52.52-.130								1.0
SRN	HZ	161	228	EP		1919	54.290.230								0.9
IGT	HZ	173	212	EP		1919	56.720.710								0.9
IGT	HZ	173	212	IAML		1920	28.52		24	1.2					
PUK	HZ	182	317	EP		1919	57.19-.070								0.9
PUK	HZ	182	317	IAML		1920	27.01		4	0.4					
KEK	HZ	187	228	EP		1919	58.480.760								0.9

**January 13 2022 Hour: 19:35 20.8 Lat: 40.85N Lon: 21.43E D: 5.0 Ag: TIR Local**  
**Magnitudes: 1.6ML TIR 2.1MW TIR Rms: 0.4 secs**  
**44 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	58	214	EP		1935	30.71-.490								1.0
NEST	HN	58	214	ES		1935	39.10-.540								1.0
NEST	HZ	58	214	IAML		1935	40.09		24	0.2					
KBN	HZ	60	245	EP		1935	31.23-.280								1.0
KBN	HZ	60	245	IAML		1935	39.90		9	0.2					
LSK	HZ	105	223	EP		1935	39.650.240								1.0
PHP	HZ	124	319	EP		1935	42.51-.140								1.0
THL	HZ	151	161	EP		1935	47.02-.020								1.0
THL	HE	151	161	ES		1936	8.550.230								1.0
SRN	HZ	162	229	EP		1935	48.930.020								0.9
SRN	HN	162	229	ES		1936	12.560.860								0.9
IGT	HZ	174	213	EP		1935	50.820.010								0.9
PUK	HZ	185	316	EP		1935	52.780.250								0.9

**January 13 2022 Hour: 19:44 57.1 Lat: 40.87N Lon: 21.45E D: 5.2 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR 2.9MW TIR Rms: 0.5 secs**  
**47 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	61	214	EP		1945	8.490.340								1.0
NEST	HE	61	214	ES		1945	17.380.330								1.0
NEST	HZ	61	214	IAML	A	1945	17.83		302	0.2					
KBN	HZ	63	244	EP		1945	8.520.120								1.0
KBN	HN	63	244	ES		1945	16.83-.690								1.0
KBN	HZ	63	244	IAML		1945	18.92		73	0.3					

LSK	HZ	108	222	EP		1945	16.610	.310									1.0
LSK	HN	108	222	ES		1945	31.11-	.710									1.0
LSK	HZ	108	222	IAML	A	1945	33.26		56	0.9							
PHP	HZ	124	317	EP		1945	18.55-	.380									1.0
PHP	HN	124	317	ES		1945	36.920	.350									1.0
PHP	HZ	124	317	IAML	A	1945	38.87		23	0.7							
BERA	HZ	128	262	EP		1945	20.260	.620									1.0
BERA	HN	128	262	ES		1945	37.910	.060									1.0
THE	HZ	130	101	EP		1945	19.67-	.270									1.0
THL	HZ	153	162	EP		1945	23.56-	.120									1.0
THL	HN	153	162	ES		1945	45.290	.110									1.0
SRN	HZ	165	229	EP		1945	25.49-	.310									0.9
SRN	HN	165	229	ES		1945	48.99-	.020									0.9
SRN	HZ	165	229	IAML		1945	53.64		16	0.2							
IGT	HZ	177	213	EP		1945	27.62-	.080									0.9
IGT	HZ	177	213	ES		1945	52.740	.290									0.9
IGT	HZ	177	213	IAML		1945	54.58		19	0.7							
PUK	HZ	184	315	EP		1945	27.67-	1.16									0.9
KEK	HZ	191	228	EP		1945	29.930	.350									0.9
BCI	HZ	202	326	EP		1945	30.90-	.200									0.9
BCI	HZ	202	326	IAML		1946	2.94		11	0.4							
SDA	HZ	209	309	EP		1945	33.04	1.11									0.9

**January 13 2022 Hour: 20:18 27.1 Lat: 40.89N Lon: 21.38E D: 12.8 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR 2.7MW TIR Rms: 0.3 secs**  
**41 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
KBN	HZ	58	240	EP		2018	37.23-	.220							1.0		
KBN	HN	58	240	ES		2018	45.85-	.010							1.0		
KBN	HZ	58	240	IAML		2018	48.48		30	0.2							
NEST	HZ	59	208	EP		2018	37.59-	.150							1.0		
NEST	HN	59	208	ES		2018	45.97-	.420							1.0		
NEST	HZ	59	208	IAML	A	2018	46.43		140	0.6							
LSK	HZ	105	219	EP		2018	45.620	.260							1.0		
LSK	HN	105	219	ES		2018	59.87-	.300							1.0		
PHP	HZ	118	319	EP		2018	47.40-	.110							1.0		
THE	HZ	137	101	EP		2018	50.64-	.000							1.0		
SRN	HZ	162	227	EP		2018	55.450	.720							0.9		
SRN	HN	162	227	ES		2019	17.630	.490							0.9		
IGT	HZ	175	211	EP		2018	56.890	.340							0.9		
IGT	HN	175	211	ES		2019	20.20-	.230							0.9		
PUK	HZ	178	316	EP		2018	56.81-	.270							0.9		
PUK	HZ	178	316	IAML	A	2019	30.59		5	0.7							

**January 13 2022 Hour: 20:36 10.3 Lat: 40.88N Lon: 21.49E D: 7.2 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR 2.5MW TIR Rms: 0.4 secs**  
**50 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
NEST	HZ	64	215	EP		2036	22.200	.360							1.0		
NEST	HE	64	215	ES		2036	31.150	.010							1.0		
NEST	HZ	64	215	IAML		2036	31.57		158	0.2							
KBN	HZ	66	244	EP		2036	22.360	.210							1.0		
KBN	HZ	66	244	IAML		2036	32.54		57	0.2							
LSK	HZ	111	223	EP		2036	29.860	.030							1.0		
LSK	HN	111	223	ES		2036	45.670	.070							1.0		
PHP	HZ	125	316	EP		2036	31.84-	.290							1.0		
PHP	HZ	125	316	IAML		2036	51.37		8	0.4							
BERA	HZ	131	262	EP		2036	33.220	.060							1.0		
BERA	HE	131	262	ES		2036	51.40-	.240							1.0		
THL	HZ	153	163	EP		2036	37.020	.180							1.0		
THL	HE	153	163	ES		2036	57.59-	.710							1.0		
SRN	HZ	168	229	EP		2036	38.42-	.920							0.9		
SRN	HE	168	229	ES		2037	2.45-	.370							0.9		
IGT	HZ	179	214	EP		2036	41.750	.680							0.9		

IGT	HE	179	214	ES		2037	6.240.280												0.9
PUK	HZ	185	315	EP		2036	41.64-.260												0.9
PUK	HZ	185	315	IAML		2037	13.70			5	0.6								
KEK	HZ	193	228	EP		2036	43.810.920												0.9

**January 13 2022 Hour: 21:16 19.1 Lat: 40.75N Lon: 21.36E D: 10.0F Ag: TIR Local**  
**Magnitudes: 1.5ML TIR Rms: 0.8 secs**

**34 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	46	216	EP		2116	26.15-1.43								1.0
NEST	HN	46	216	ES		2116	34.560.140								1.0
NEST	HZ	46	216	IAML		2116	35.12			16	0.2				
KBN	HZ	51	254	EP		2116	28.590.170								1.0
KBN	HE	51	254	ES		2116	34.69-1.24								1.0
LSK	HZ	93	224	EP		2116	35.970.470								1.0
LSK	HN	93	224	ES		2116	49.700.950								1.0
BERA	HZ	120	268	EP		2116	40.430.570								1.0
BERA	HE	120	268	ES		2116	57.070.420								1.0

**January 13 2022 Hour: 21:18 23.8 Lat: 40.80N Lon: 21.42E D: 3.1 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR 2.5MW TIR Rms: 0.4 secs**

**41 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	53	217	EP		2118	33.890.550								1.0
NEST	HN	53	217	ES		2118	41.260.190								1.0
NEST	HZ	53	217	IAML		2118	42.19			207	0.2				
KBN	HZ	57	250	EP		2118	34.05-.010								1.0
KBN	HE	57	250	ES		2118	42.21-.160								1.0
KBN	HZ	57	250	IAML		2118	42.52			51	0.2				
KBN	HZ	57	250	IAML	A	2118	42.52			46	0.2				
LSK	HZ	101	224	EP		2118	41.07-.700								1.0
BERA	HZ	125	266	EP		2118	46.320.440								1.0
BERA	HN	125	266	ES		2119	3.13-.620								1.0
PHP	HZ	128	320	EP		2118	46.920.460								1.0
PHP	HZ	128	320	IAML		2119	10.14			13	0.9				
THL	HZ	146	160	EP		2118	49.03-.320								1.0
THL	HE	146	160	ES		2119	9.85-.200								1.0
SRN	HZ	158	230	EP		2118	51.18-.230								0.9
SRN	HE	158	230	ES		2119	13.800.040								0.9
IGT	HZ	169	214	EP		2118	53.03-.120								0.9
IGT	HN	169	214	ES		2119	17.440.530								0.9
KEK	HZ	184	229	EP		2118	56.040.450								0.9
PUK	HZ	188	318	EP		2118	56.02-.270								0.9
PUK	HZ	188	318	IAML		2119	22.11			3	0.8				

**January 13 2022 Hour: 22:17 37.6 Lat: 40.96N Lon: 21.24E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.4 secs**

**34 km NE of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	54	226	EP		2217	47.06-.180								1.0
KBN	HN	54	226	ES		2217	54.62-.440								1.0
KBN	HZ	54	226	IAML		2217	55.26			15	0.1				
NEST	HZ	63	195	EP		2217	49.170.370								1.0
NEST	HN	63	195	ES		2217	58.080.190								1.0
NEST	HZ	63	195	IAML		2217	58.92			65	0.1				
LSK	HZ	105	211	EP		2217	56.230.370								1.0
LSK	HN	105	211	ES		2218	10.27-.400								1.0
PHP	HZ	105	320	EP		2217	55.62-.120								1.0
PHP	HZ	105	320	IAML		2218	13.95			19	0.4				
SRN	HZ	160	222	EP		2218	5.420.550								0.9
SRN	HN	160	222	ES		2218	27.100.120								0.9
THL	HZ	168	157	EP		2218	5.72-.630								0.9
IGT	HN	176	206	ES		2218	31.820.180								0.9

January 13 2022 Hour: 22:27 12.5 Lat: 39.16N Lon: 20.67E D: 34.0 Ag: TIR Local  
 Magnitudes: 2.0ML TIR Rms: 0.9 secs  
 75 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	42	181	EP		2227	21.580	.080							1.0
LKD2	HN	42	181	ES		2227	29.160	.340							1.0
IGT	HZ	50	325	EP		2227	22.52-	.110							1.0
IGT	HE	50	325	ES		2227	29.06-	1.80							1.0
IGT	HZ	50	325	IAML		2227	30.73			24	0.1				1.0
KEK	HZ	96	310	EP		2227	29.500	.020							1.0
KEK	HN	96	310	ES		2227	43.710	.450							1.0
KEK	HZ	96	310	IAML		2227	49.70			28	0.8				1.0
SRN	HZ	98	325	EP		2227	30.020	.320							1.0
SRN	HE	98	325	ES		2227	44.300	.630							1.0
SRN	HZ	98	325	IAML		2227	55.38			19	1.4				1.0
LSK	HZ	110	357	EP		2227	31.28-	.320							1.0
LSK	HN	110	357	ES		2227	48.67	1.57							1.0
KBN	HZ	163	4	EP		2227	37.05-	1.30							0.9
KBN	HZ	163	4	IAML		2227	46.72			8	0.2				0.9

January 13 2022 Hour: 22:55 37.9 Lat: 40.87N Lon: 21.42E D: 7.1 Ag: TIR Local  
 Magnitudes: 2.5ML TIR 3.1MW TIR Rms: 0.3 secs  
 44 km E of Pustec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	60	212	EP		2255	48.960	.300							1.0
NEST	HN	60	212	ES		2255	57.19-	.160							1.0
NEST	HZ	60	212	IAML		2255	57.81			512	0.2				1.0
KBN	HZ	60	243	EP		2255	48.65-	.070							1.0
KBN	HN	60	243	ES		2255	57.31-	.140							1.0
KBN	HZ	60	243	IAML		2255	59.88			121	0.2				1.0
LSK	HZ	106	221	EP		2255	56.34-	.270							1.0
LSK	HN	106	221	ES		2256	11.50-	.240							1.0
LSK	HZ	106	221	IAML		2256	12.06			71	0.3				1.0
PHP	HZ	122	318	EP		2255	59.23-	.000							1.0
PHP	HN	122	318	ES		2256	16.05-	.440							1.0
PHP	HZ	122	318	IAML		2256	17.31			30	0.4				1.0
BERA	HZ	125	262	EP		2256	0.030	.260							1.0
BERA	HN	125	262	ES		2256	17.32-	.140							1.0
THE	HZ	133	101	EP		2256	1.720	.600							1.0
THE	HE	133	101	ES		2256	19.68-	.220							1.0
THE	HZ	133	101	IAML		2256	21.29			22	0.6				1.0
THL	HZ	154	160	EP		2256	4.05-	.460							1.0
THL	HN	154	160	ES		2256	25.62-	.420							1.0
SRN	HZ	163	228	EP		2256	6.370	.310							0.9
SRN	HN	163	228	ES		2256	29.030	.180							0.9
SRN	HZ	163	228	IAML		2256	31.17			19	0.2				0.9
IGT	HZ	175	212	EP		2256	8.06-	.010							0.9
IGT	HN	175	212	ES		2256	32.900	.410							0.9
IGT	HZ	175	212	IAML		2256	34.79			24	0.3				0.9
PUK	HZ	182	316	EP		2256	9.09-	.000							0.9
PUK	HZ	182	316	IAML		2256	35.89			13	0.4				0.9
KEK	HZ	188	227	EP		2256	10.360	.540							0.9
KEK	HZ	188	227	IAML		2256	39.96			28	0.4				0.9
BCI	HZ	201	326	EP		2256	11.430	.010							0.9
BCI	HZ	201	326	IAML		2256	43.11			17	0.8				0.9
SDA	HZ	207	310	EP		2256	12.260	.100							0.9

**January 14 2022 Hour: 1:17 33.7 Lat: 40.94N Lon: 21.21E D: 6.3 Ag: TIR Local**  
**Magnitudes: 1.6ML TIR Rms: 0.2 secs**  
**9 km N of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	50	226	EP		117	42.40	-.270							1.0
KBN	HE	50	226	ES		117	49.98	0.040							1.0
KBN	HZ	50	226	IAML		117	50.58			8	0.2				
NEST	HZ	60	193	EP		117	44.29	-.130							1.0
NEST	HN	60	193	ES		117	53.41	0.300							1.0
NEST	HZ	60	193	IAML		117	54.09			32	0.2				
LSK	HZ	102	211	EP		117	51.55	-.140							1.0
PHP	HZ	105	323	EP		117	52.45	0.210							1.0

**January 14 2022 Hour: 1:23 25.6 Lat: 40.37N Lon: 19.54E D: 15.0F Ag: TIR Local**  
**Magnitudes: 1.8ML TIR 2.1MW TIR Rms: 0.5 secs**  
**12 km SE of Vlore**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLO	HZ	12	340	IP		123	28.35	-.630							1.0
VLO	HN	12	340	IS		123	32.41	0.720							1.0
VLO	HZ	12	340	IAML	A	123	33.85			178	0.3				
BERA	HZ	51	43	IP		123	33.99	-.830							1.0
BERA	HN	51	43	IS		123	42.68	0.410							1.0
SRN	HZ	67	144	IP		123	37.77	0.240							1.0
SRN	HN	67	144	IS		123	47.87	0.700							1.0
SRN	HZ	67	144	IAML		123	48.84			3	0.3				
KEK	HZ	76	163	IP		123	38.90	-.180							1.0
KEK	HN	76	163	IS		123	50.09	0.130							1.0
KEK	HZ	76	163	IAML		123	52.91			9	0.2				
IGT	HZ	115	144	IP		123	45.71	0.190							1.0
IGT	HN	115	144	IS		124	0.88	-.750							1.0
IGT	HZ	115	144	IAML	A	124	39.05			18	2.3				

**January 14 2022 Hour: 2:33 52.6 Lat: 40.85N Lon: 21.41E D: 15.0F Ag: TIR Local**  
**Magnitudes: 2.7ML TIR 3.2MW TIR Rms: 0.7 secs**  
**43 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	57	212	IP		234	2.26	-.670							1.0
NEST	HN	57	212	IS		234	10.64	-.690							1.0
NEST	HZ	57	212	IAML		234	10.83			381	0.3				
KBN	HZ	58	244	IP		234	2.49	-.580							1.0
KBN	HN	58	244	IS		234	11.22	-.360							1.0
KBN	HZ	58	244	IAML		234	11.96			5468	0.3				
LSK	HZ	104	222	IP		234	9.70	-.960							1.0
LSK	HN	104	222	IS		234	24.53	-.780							1.0
PHP	HZ	123	319	IP		234	13.31	-.520							1.0
PHP	HN	123	319	IS		234	30.92	-.140							1.0
PHP	HZ	123	319	IAML		234	35.27			71	1.1				
BERA	HZ	124	263	IP		234	13.77	-.230							1.0
BERA	HN	124	263	IS		234	32.24	0.880							1.0
BERA	HZ	124	263	IAML		234	38.94			45	0.3				
THE	HZ	134	100	IP		234	15.57	-.010							1.0
THE	HN	134	100	IS		234	34.63	0.410							1.0
SRN	HZ	161	228	IP		234	20.62	0.620							0.9
SRN	HN	161	228	IS		234	44.02	1.80							0.9
IGT	HZ	173	212	IP		234	22.25	0.690							0.9
IGT	HN	173	212	IS		234	45.82	0.780							0.9
PUK	HZ	183	317	IP		234	22.62	-.340							0.9
PUK	HN	183	317	IS		234	48.16	0.580							0.9
PUK	HZ	183	317	IAML		234	52.92			16	0.6				

January 14 2022 Hour: 3:39 32.5 Lat: 40.10N Lon: 19.86E D: 15.0F Ag: TIR Local  
 Magnitudes: 1.0ML TIR Rms: 0.9 secs  
 10 km E of Himare

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	27	154	IP		339	37.02	-.910							1.0
SRN	HN	27	154	IS		339	41.81	-.540							1.0
SRN	HZ	27	154	IAML		339	43.04			17	0.4				
KEK	HZ	44	187	IP		339	39.82	-.700							1.0
KEK	HN	44	187	IS		339	47.04	-.010							1.0
KEK	HZ	44	187	IAML		339	48.94			6	0.2				
LSK	HZ	63	85	IP		339	44.95	1.18							1.0
LSK	HN	63	85	IS		339	52.02	-.910							1.0
BERA	HZ	67	6	IP		339	44.69	0.300							1.0
BERA	HN	67	6	IS		339	53.66	-.400							1.0
IGT	HZ	75	147	IP		339	47.52	1.81							1.0
IGT	HN	75	147	IS		339	56.64	0.190							1.0
IGT	HZ	75	147	IAML		340	0.41			2	0.6				

January 14 2022 Hour: 4: 4 15.1 Lat: 40.85N Lon: 21.41E D: 15.0F Ag: TIR Local  
 Magnitudes: 2.2ML TIR 2.6MW TIR Rms: 0.7 secs  
 42 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	57	212	IP		4 4	24.38	-1.08							1.0
NEST	HN	57	212	IS		4 4	32.94	-.870							1.0
NEST	HZ	57	212	IAML		4 4	33.31			67	0.1				
KBN	HZ	58	245	IP		4 4	25.07	-.560							1.0
KBN	HN	58	245	IS		4 4	33.96	-.160							1.0
KBN	HZ	58	245	IAML		4 4	37.12			31	0.3				
LSK	HZ	104	222	IP		4 4	33.32	0.130							1.0
LSK	HN	104	222	IS		4 4	47.86	0.060							1.0
LSK	HZ	104	222	IAML		4 4	51.04			28	0.7				
PHP	HZ	123	319	IP		4 4	35.79	-.670							1.0
PHP	HN	123	319	IS		4 4	54.06	0.330							1.0
SRN	HZ	161	229	IP		4 4	43.49	0.950							0.9
SRN	HN	161	229	IS		4 5	5.33	0.600							0.9
SRN	HZ	161	229	IAML		4 5	20.96			14	2.0				
IGT	HZ	172	212	IP		4 4	45.07	0.980							0.9
IGT	HN	172	212	IS		4 5	8.18	0.640							0.9

January 14 2022 Hour: 5:28 31.8 Lat: 40.83N Lon: 21.33E D: 15.0F Ag: TIR Local  
 Magnitudes: 2.0ML TIR Rms: 0.4 secs  
 23 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	51	244	EP		528	41.85	0.670							1.0
KBN	HN	51	244	ES		528	48.64	-.130							1.0
KBN	HZ	51	244	IAML	A	528	50.04			25	1.3				
NEST	HZ	52	208	EP		528	41.49	0.240							1.0
NEST	HZ	52	208	IAML	A	528	50.01			70	0.5				
LSK	HZ	98	220	EP		528	48.20	-.650							1.0
PHP	HZ	121	322	EP		528	52.64	-.130							1.0

January 14 2022 Hour: 6:32 30.6 Lat: 40.78N Lon: 21.30E D: 15.0F Ag: TIR Local  
 Magnitudes: 1.7ML TIR 2.6MW TIR Rms: 0.5 secs  
 30 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	45	208	IP		632	38.25	-.750							1.0
NEST	HN	45	208	IS		632	45.13	-.680							1.0
KBN	HZ	46	249	IP		632	39.19	0.040							1.0
KBN	HN	46	249	IS		632	45.72	-.370							1.0
KBN	HZ	46	249	IAML		632	46.63			49	0.3				
LSK	HZ	91	221	IP		632	47.19	0.580							1.0
LSK	HN	91	221	IS		632	59.77	0.180							1.0
LSK	HZ	91	221	IAML		633	0.77			10	0.4				

PHP	HZ	124	325	IP	632	52.00-	.010										1.0
PHP	HN	124	325	IS	633	9.16-	.200										1.0
PHP	HZ	124	325	IAML	633	10.59				7	0.5						
SRN	HZ	149	228	IP	632	56.900.	.840										1.0
SRN	HN	149	228	IS	633	17.160.	.480										1.0

**January 14 2022 Hour: 8: 0 25.2 Lat: 40.82N Lon: 21.32E D: 7.9 Ag: TIR Local**  
**Magnitudes: 1.6ML TIR Rms: 0.2 secs**  
**35 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	50	244	EP		8 0	34.11-	.130							1.0
KBN	HN	50	244	ES		8 0	41.53-	.050							1.0
KBN	HZ	50	244	IAML		8 0	45.17			12	0.3				
NEST	HZ	51	207	EP		8 0	34.01-	.370							1.0
NEST	HN	51	207	ES		8 0	42.240.	.400							1.0
NEST	HZ	51	207	IAML		8 0	42.75			59	0.2				
LSK	HZ	97	219	EP		8 0	42.280.	.060							1.0
LSK	HN	97	219	ES		8 0	55.94-	.100							1.0
PHP	HZ	121	323	EP		8 0	46.420.	.190							1.0
PHP	HZ	121	323	IAML		8 1	4.26			6	0.3				

**January 14 2022 Hour: 8:42 51.7 Lat: 40.88N Lon: 21.40E D: 3.7 Ag: TIR Local**  
**Magnitudes: 2.9ML TIR 3.4MW TIR Rms: 0.8 secs**  
**42 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	59	242	EP		843	2.300.	.120							1.0
KBN	HN	59	242	ES		843	10.810.	.140							1.0
KBN	HZ	59	242	IAML		843	12.96			337	0.2				
NEST	HZ	59	210	EP		843	2.630.	.360							1.0
NEST	HN	59	210	ES		843	10.820.	.010							1.0
NEST	HZ	59	210	IAML		843	11.49			2028	0.4				
LSK	HZ	105	220	EP		843	10.06-	.400							1.0
LSK	HN	105	220	ES		843	24.63-	1.02							1.0
LSK	HZ	105	220	IAML	A	843	29.32			408	0.5				
PHP	HZ	120	319	EP		843	12.47-	.530							1.0
PHP	HN	120	319	ES		843	29.06-	1.18							1.0
PHP	HZ	120	319	IAML		843	32.88			141	0.3				
BERA	HZ	124	262	EP		843	13.530.	.040							1.0
BERA	HN	124	262	ES		843	31.240.	.110							1.0
BERA	HZ	124	262	IAML		843	32.91			90	0.3				
THE	HZ	135	101	EP		843	15.840.	.410							1.0
THE	HN	135	101	ES		843	34.45-	.190							1.0
THE	HZ	135	101	IAML		843	35.05			54	0.4				
TIR	HZ	139	293	EP		843	17.61	1.56							1.0
TIR	HZ	139	293	IAML		843	40.49			71	0.7				
THL	HZ	155	160	EP		843	17.73-	.940							1.0
THL	HE	155	160	ES		843	40.47-	.040							1.0
SRN	HZ	162	227	EP		843	20.160.	.270							0.9
SRN	HN	162	227	ES		843	42.45-	.260							0.9
SRN	HZ	162	227	IAML		843	46.31			66	0.5				
IGT	HZ	174	212	EP		843	21.08-	.890							0.9
IGT	HE	174	212	ES		843	46.640.	.160							0.9
IGT	HZ	174	212	IAML	A	843	53.62			70	0.5				
PUK	HZ	181	316	EP		843	22.19-	.850							0.9
PUK	HZ	181	316	IAML	A	843	55.64			44	0.5				
KEK	HZ	187	227	EP		843	26.21	2.31							0.9
KEK	HZ	187	227	IAML		843	54.65			77	0.6				
BCI	HZ	199	327	EP		843	25.14-	.330							0.9
BCI	HZ	199	327	IAML		843	56.79			57	0.6				
SDA	HZ	205	310	EP		843	27.60	1.43							0.9
SDA	HZ	205	310	IAML		843	58.47			36	0.7				

**January 14 2022 Hour: 9:46 52.2 Lat: 40.86N Lon: 21.41E D: 10.0F Ag: TIR Local**  
**Magnitudes: 2.9ML TIR 3.3MW TIR Rms: 0.8 secs**  
**43 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	58	212	EP		947	2.33	-.410							1.0
NEST	HN	58	212	ES		947	10.61	-.640							1.0
NEST	HZ	58	212	IAML		947	11.31			276	0.3				
KBN	HZ	59	244	EP		947	2.44	-.390							1.0
KBN	HZ	59	244	IAML		947	36.51			313	0.4				
LSK	HZ	104	221	EP		947	10.41	-.070							1.0
LSK	HN	104	221	ES		947	24.72	-.540							1.0
LSK	HZ	104	221	IAML		947	27.50			65	0.5				
PHP	HZ	122	319	EP		947	12.76	-.690							1.0
THE	HZ	134	100	EP		947	14.91	-.420							1.0
TIR	HZ	141	293	EP		947	15.85	-.590							1.0
THL	HZ	153	160	EP		947	18.07	-.400							1.0
SRN	HZ	162	228	EP		947	21.05	1.10							0.9
SRN	HZ	162	228	IAML	A	947	44.71			78	0.5				
IGT	HZ	173	212	EP		947	23.53	1.66							0.9
PUK	HZ	183	317	EP		947	22.32	-.790							0.9
KEK	HZ	187	228	EP		947	24.86	1.27							0.9
BCI	HZ	201	327	EP		947	25.31	-.150							0.9
SDA	HZ	207	310	EP		947	27.73	1.57							0.9

**January 14 2022 Hour: 10:35 35.8 Lat: 40.79N Lon: 21.35E D: 2.2 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR 2.4MW TIR Rms: 0.5 secs**  
**35 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	49	211	EP		1035	44.93	0.370							1.0
NEST	HN	49	211	ES		1035	51.95	0.310							1.0
NEST	HZ	49	211	IAML		1035	53.77			116	0.2				
KBN	HZ	51	249	EP		1035	45.09	0.160							1.0
KBN	HN	51	249	ES		1035	51.97	-.340							1.0
LSK	HZ	95	222	EP		1035	53.53	0.660							1.0
LSK	HN	95	222	ES		1036	5.80	-.880							1.0
PHP	HZ	125	323	EP		1035	57.90	-.100							1.0
THL	HZ	147	157	EP		1036	1.06	-.610							1.0
SRN	HE	153	229	ES		1036	24.42	0.210							1.0
IGT	HE	164	212	ES		1036	27.92	0.200							0.9

**January 14 2022 Hour: 12:15 47.6 Lat: 40.98N Lon: 21.22E D: 5.5 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR Rms: 0.3 secs**  
**34 km NE of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	54	222	EP		1215	56.76	-.520							1.0
KBN	HN	54	222	ES		1216	5.06	-.100							1.0
KBN	HZ	54	222	ES		1216	5.25	0.090							1.0
KBN	HZ	54	222	IAML		1216	5.66			18	0.1				
NEST	HZ	65	193	EP		1215	59.58	0.390							1.0
NEST	HN	65	193	ES		1216	8.82	0.210							1.0
NEST	HZ	65	193	IAML		1216	9.82			63	0.2				
PHP	HZ	102	320	EP		1216	5.55	-.020							1.0
PHP	HN	102	320	ES		1216	20.55	0.380							1.0
PHP	HZ	102	320	IAML		1216	24.34			14	0.4				
LSK	HZ	106	210	EP		1216	6.92	0.500							1.0
LSK	HN	106	210	ES		1216	21.43	-.270							1.0
PUK	HZ	162	317	EP		1216	15.10	-.490							0.9
PUK	HZ	162	317	IAML		1216	39.92			2	0.2				
THL	HZ	171	157	EP		1216	16.97	-.230							0.9



**January 14 2022 Hour: 14:34 59.7 Lat: 40.74N Lon: 21.36E D: 22.1 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR Rms: 0.2 secs**  
**33 km E of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	45	216	EP		1435	8.590	.210							1.0
NEST	HN	45	216	ES		1435	15.410	.010							1.0
NEST	HZ	45	216	IAML		1435	16.59			36	0.1				1.0
KBN	HZ	50	255	EP		1435	8.93	-.260							1.0
KBN	HE	50	255	ES		1435	16.83	-.030							1.0
KBN	HZ	50	255	IAML		1435	17.08			17	0.1				1.0
LSK	HZ	92	225	EP		1435	15.91	-.040							1.0
LSK	HN	92	225	ES		1435	29.190	.100							1.0
THL	HZ	142	157	EP		1435	24.080	.330							1.0
THL	HN	142	157	ES		1435	42.92	-.300							1.0

**January 14 2022 Hour: 15:15 54.9 Lat: 40.86N Lon: 21.42E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR 2.6MW TIR Rms: 0.5 secs**  
**44 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	58	212	EP		1516	5.890	.470							1.0
NEST	HN	58	212	ES		1516	13.990	.060							1.0
NEST	HZ	58	212	IAML		1516	15.23			88	0.2				1.0
KBN	HZ	59	244	EP		1516	6.390	.830							1.0
KBN	HN	59	244	ES		1516	13.29	-.890							1.0
KBN	HZ	59	244	IAML		1516	17.66			33	0.3				1.0
LSK	HZ	105	222	EP		1516	13.570	.390							1.0
LSK	HN	105	222	ES		1516	27.51	-.460							1.0
PHP	HZ	123	319	EP		1516	15.81	-.340							1.0
PHP	HN	123	319	ES		1516	32.76	-.590							1.0
PHP	HZ	123	319	IAML		1516	35.42			18	0.4				1.0
THL	HZ	152	160	EP		1516	20.96	-.070							1.0
THL	HN	152	160	ES		1516	41.50	-.680							1.0
SRN	HZ	162	228	EP		1516	23.290	.630							0.9
SRN	HN	162	228	ES		1516	45.400	.280							0.9
PUK	HZ	183	316	EP		1516	25.55	-.180							0.9
PUK	HN	183	316	ES		1516	51.270	.590							0.9
PUK	HZ	183	316	IAML		1516	55.29			5	0.4				0.9

**January 14 2022 Hour: 15:21 6.5 Lat: 40.88N Lon: 21.42E D: 7.7 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR 2.8MW TIR Rms: 0.4 secs**  
**45 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	61	212	EP		1521	17.33	-.100							1.0
NEST	HN	61	212	ES		1521	25.63	-.650							1.0
NEST	HZ	61	212	IAML		1521	30.45			72	0.4				1.0
KBN	HZ	61	242	EP		1521	18.000	.530							1.0
KBN	HN	61	242	ES		1521	26.18	-.170							1.0
KBN	HZ	61	242	IAML		1521	31.97			24	0.4				1.0
LSK	HZ	107	221	EP		1521	25.450	.130							1.0
LSK	HN	107	221	ES		1521	41.030	.480							1.0
PHP	HZ	122	318	EP		1521	28.000	.260							1.0
PHP	HN	122	318	ES		1521	44.37	-.570							1.0
PHP	HZ	122	318	IAML		1521	47.67			15	0.5				1.0
THL	HZ	154	161	EP		1521	32.77	-.380							1.0
THL	HN	154	161	ES		1521	54.55	-.180							1.0
SRN	HZ	164	228	EP		1521	35.520	.750							0.9
SRN	HN	164	228	ES		1521	57.47	-.190							0.9
IGT	HZ	176	212	EP		1521	37.550	.800							0.9
IGT	HN	176	212	ES		1522	0.80	-.450							0.9
PUK	HZ	182	316	EP		1521	37.34	-.240							0.9

**January 14 2022 Hour: 15:36 52.7 Lat: 40.86N Lon: 21.42E D: 13.0 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR 2.8MW TIR Rms: 0.7 secs**  
**44 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	59	213	EP		1537	3.19	-.070							1.0
NEST	HN	59	213	ES		1537	11.25	-.560							1.0
NEST	HZ	59	213	IAML		1537	17.48			56	0.3				
KBN	HZ	60	244	EP		1537	3.24	-.200							1.0
KBN	HN	60	244	ES		1537	11.76	-.380							1.0
KBN	HZ	60	244	IAML		1537	15.01			23	0.3				
LSK	HZ	105	222	EP		1537	12.39	1.36							1.0
LSK	HN	105	222	ES		1537	26.72	0.850							1.0
LSK	HZ	105	222	IAML		1537	37.44			21	0.6				
PHP	HZ	123	318	EP		1537	13.07	-.950							1.0
PHP	HN	123	318	ES		1537	31.32	0.030							1.0
PHP	HZ	123	318	IAML		1537	32.78			20	0.7				
THL	HZ	152	161	EP		1537	17.87	-.900							1.0
THL	HN	152	161	ES		1537	40.27	0.380							1.0
SRN	HZ	163	229	EP		1537	21.33	0.840							0.9
SRN	HN	163	229	ES		1537	42.42	-.580							0.9
IGT	HZ	174	213	EP		1537	22.30	0.220							0.9
IGT	HN	174	213	ES		1537	45.13	-.750							0.9
IGT	HZ	174	213	IAML		1537	50.20			9	0.7				
PUK	HZ	184	316	EP		1537	23.54	0.170							0.9
PUK	HN	184	316	ES		1537	48.73	0.520							0.9

**January 14 2022 Hour: 16:16 40.0 Lat: 40.81N Lon: 19.95E D: 5.3 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR 2.7MW TIR Rms: 0.5 secs**  
**3 km E of Kucove**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLO	HZ	54	226	EP		1616	49.70	-.010							1.0
VLO	HN	54	226	ES		1616	58.48	0.910							1.0
VLO	HZ	54	226	IAML		1617	0.58			101	0.3				
TIR	HZ	60	353	EP		1616	50.78	-.010							1.0
KBN	HZ	74	106	EP		1616	52.27	-.920							1.0
KBN	HN	74	106	ES		1617	4.28	0.410							1.0
KBN	HZ	74	106	IAML		1617	7.26			11	0.3				
LSK	HZ	92	143	EP		1616	55.68	-.710							1.0
LSK	HN	92	143	ES		1617	9.83	0.170							1.0
LSK	HZ	92	143	IAML		1617	15.60			17	0.4				
NEST	HZ	103	115	EP		1616	58.59	0.330							1.0
SRN	HZ	103	178	EP		1616	58.38	0.080							1.0
SRN	HZ	103	178	IAML		1617	15.20			10	0.3				
NEST	HN	103	115	ES		1617	13.79	0.740							1.0
NEST	HZ	103	115	IAML		1617	17.89			9	0.3				
SRN	HN	103	178	ES		1617	12.81	-.310							1.0
PHP	HZ	105	23	EP		1616	58.33	-.370							1.0
PHP	HN	105	23	ES		1617	14.10	0.260							1.0
KEK	HZ	122	186	EP		1617	1.58	0.070							1.0
KEK	HN	122	186	ES		1617	18.22	-.710							1.0
KEK	HZ	122	186	IAML		1617	25.21			24	0.4				
PUK	HZ	137	358	EP		1617	3.97	0.000							1.0
IGT	HZ	145	167	EP		1617	5.17	-.180							1.0
IGT	HN	145	167	ES		1617	26.10	0.230							1.0
IGT	HZ	145	167	IAML		1617	33.15			11	0.3				

**January 14 2022 Hour: 16:40 25.0 Lat: 40.83N Lon: 21.38E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR 2.7MW TIR Rms: 0.6 secs**  
**38 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	54	211	EP		1640	35.27	0.530							1.0
NEST	HZ	54	211	ES		1640	43.11	0.500							1.0
NEST	HZ	54	211	IAML		1640	43.70			381	0.2				

KBN	HZ	55	246	EP	1640	35.380.470											1.0
KBN	HN	55	246	ES	1640	42.44-.470											1.0
KBN	HZ	55	246	IAML	1640	43.94		62	0.1								
LSK	HZ	100	221	EP	1640	42.710.230											1.0
LSK	HN	100	221	ES	1640	56.13-.490											1.0
LSK	HZ	100	221	IAML	1640	58.72		19	0.3								
PHP	HZ	123	321	EP	1640	45.87-.450											1.0
PHP	HN	123	321	ES	1641	2.97-.600											1.0
PHP	HZ	123	321	IAML	1641	5.20		28	0.4								
THL	HZ	150	159	EP	1640	50.38-.410											1.0
THL	HN	150	159	ES	1641	10.72-.950											1.0
SRN	HZ	157	228	EP	1640	51.89-.060											1.0
SRN	HN	157	228	ES	1641	13.940.170											1.0
SRN	HZ	157	228	IAML	1641	18.44		8	0.4								
IGT	HZ	169	212	EP	1640	54.260.320											0.9
IGT	HN	169	212	ES	1641	17.05-.310											0.9
IGT	HZ	169	212	IAML	1641	23.01		8	0.6								
KEK	HZ	183	228	EP	1640	56.330.630											0.9
PUK	HZ	183	318	EP	1640	56.810.960											0.9
PUK	HN	183	318	ES	1641	19.62-1.20											0.9
PUK	HZ	183	318	IAML	1641	24.63		5	0.3								
BCI	HZ	203	328	EP	1640	59.56 1.26											0.9

**January 14 2022 Hour: 17:10 56.0 Lat: 40.85N Lon: 21.39E D: 13.2 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR Rms: 0.4 secs**

**43 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	56	211	EP		1711	5.88-.310								1.0
NEST	HE	56	211	ES		1711	14.480.030								1.0
NEST	HZ	56	211	IAML		1711	14.81		34	0.2					
KBN	HZ	57	244	EP		1711	6.460.180								1.0
PHP	HZ	122	320	EP		1711	17.680.540								1.0
PHP	HN	122	320	ES		1711	34.02-.250								1.0
THL	HZ	152	159	EP		1711	21.22-.840								1.0
THL	HN	152	159	ES		1711	43.780.600								1.0
IGT	HZ	172	212	EP		1711	25.210.140								0.9
IGT	HN	172	212	ES		1711	48.54-.080								0.9

**January 14 2022 Hour: 19:43 17.4 Lat: 40.78N Lon: 21.46E D: 15.0F Ag: TIR Local**  
**Magnitudes: 2.5ML TIR 3.0MW TIR Rms: 0.5 secs**

**44 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	54	221	EP		1943	27.20-.010								1.0
NEST	HN	54	221	ES		1943	34.41-.700								1.0
NEST	HZ	54	221	IAML		1943	36.19		205	0.2					
KBN	HZ	60	253	EP		1943	28.260.070								1.0
KBN	HN	60	253	ES		1943	36.930.050								1.0
KBN	HZ	60	253	IAML		1943	37.44		77	0.2					
LSK	HZ	101	227	EP		1943	34.71-.410								1.0
LSK	HN	101	227	ES		1943	49.40-.030								1.0
LSK	HZ	101	227	IAML		1943	52.05		100	0.6					
PHP	HZ	132	320	EP		1943	39.27-.940								1.0
PHP	HN	132	320	ES		1943	59.070.420								1.0
PHP	HZ	132	320	IAML		1944	0.23		23	0.6					
SRN	HZ	159	232	EP		1943	45.330.700								0.9
SRN	HN	159	232	ES		1944	6.910.270								0.9
SRN	HZ	159	232	IAML		1944	9.94		31	0.4					
IGT	HZ	169	215	EP		1943	46.510.590								0.9
IGT	HN	169	215	ES		1944	9.120.140								0.9
IGT	HZ	169	215	IAML		1944	18.03		23	0.6					

**January 14 2022 Hour: 21:31 52.7 Lat: 40.84N Lon: 21.41E D: 8.7 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR Rms: 0.5 secs**  
**42 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	57	213	EP		2132	3.590	.650							1.0
NEST	HN	57	213	ES		2132	11.23	-.010							1.0
NEST	HZ	57	213	IAML		2132	13.23			97	0.3				
KBN	HZ	58	246	EP		2132	3.03	-.180							1.0
KBN	HE	58	246	ES		2132	11.11	-.610							1.0
KBN	HZ	58	246	IAML		2132	12.90			20	0.4				
LSK	HZ	103	222	IP		2132	10.55	-.270							1.0
LSK	HN	103	222	IS		2132	25.15	-.350							1.0
LSK	HZ	103	222	IAML		2132	25.63			11	0.5				
PHP	HZ	124	319	IP		2132	14.18	-.080							1.0
PHP	HN	124	319	IS		2132	31.52	-.210							1.0
PHP	HZ	124	319	IAML		2132	33.63			10	0.4				
THL	HZ	151	160	EP		2132	18.27	-.410							1.0
THL	HE	151	160	ES		2132	39.13	-.600							1.0
SRN	HZ	161	229	IP		2132	20.94	.630							0.9
SRN	HE	161	229	IS		2132	42.55	-.130							0.9
SRN	HZ	161	229	IAML		2132	49.69			16	1.3				
IGT	HZ	172	213	EP		2132	23.25	1.01							0.9
IGT	HE	172	213	ES		2132	46.72	0.550							0.9
IGT	HZ	172	213	IAML		2132	51.96			11	1.1				
PUK	HZ	184	317	EP		2132	24.12	0.190							0.9
PUK	HZ	184	317	IAML		2132	52.51			2	0.4				

**January 14 2022 Hour: 21:37 55.6 F Lat: 42.05N Lon: 20.13E D: 5.1 Ag: TIR Local**  
**Magnitudes: 4.3ML TIR Rms: 0.9 secs**  
**8 km E of Fushe-Arrez**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	20	269	EP	D	2137	59.660	.390							1.0
PUK	HN	20	269	ES		2138	2.330	.080							1.0
PUK	HZ	20	269	IAML		2138	3.58			279000	0.4				
BCI	HZ	36	352	EP	D	2138	2.810	.720							1.0
BCI	HN	36	352	ES		2138	7.840	.500							1.0
BCI	HZ	36	352	IAML		2138	9.36			43656	0.3				
PHP	HZ	48	147	EP	C	2138	4.230	.030							1.0
PHP	HN	48	147	ES		2138	11.06	-.110							1.0
PHP	HZ	48	147	IAML		2138	20.27			4240	0.9				
SDA	HZ	52	271	EP	C	2138	4.16	-.800							1.0
SDA	HE	52	271	ES		2138	12.46	-.080							1.0
SDA	HZ	52	271	IAML		2138	19.12			17946	0.5				
TIR	HZ	81	196	EP	C	2138	9.82	-.230							1.0
TIR	HE	81	196	ES		2138	21.68	-.080							1.0
TIR	HZ	81	196	IAML		2138	25.72			2278	0.5				
PDG	HZ	83	301	EP	C	2138	9.09	-1.43							1.0
PDG	HN	83	301	ES		2138	20.79	-1.82							0.2
PDG	HZ	83	301	IAML		2138	23.45			11733	0.2				
BERA	HZ	150	186	EP		2138	21.12	-.580							1.0
BERA	HE	150	186	ES		2138	43.28	0.440							1.0
BERA	HZ	150	186	IAML		2138	46.60			1149	1.0				
BPA2	HZ	152	196	EP		2138	22.48	0.400							1.0
BPA2	HE	152	196	ES		2138	43.62	0.090							1.0
KBN	HZ	167	161	EP	D	2138	24.77	0.140							0.9
KBN	HN	167	161	ES		2138	48.48	0.330							0.9
KBN	HZ	167	161	IAML		2138	59.26			1123	0.8				
VLO	HZ	183	197	EP	D	2138	27.23	0.170							0.9
VLO	HN	183	197	ES		2138	53.17	0.630							0.9
VLO	HZ	183	197	IAML		2138	57.90			2168	0.7				
NEST	HZ	197	157	EP	D	2138	29.00	0.050							0.9
NEST	HN	197	157	ES		2138	56.64	0.680							0.9
NEST	HZ	197	157	IAML		2139	6.72			765	1.4				

LSK	HZ	214	169	EP	D	2138	31.620	.460									0.9
LSK	HN	214	169	ES		2139	0.660	.690									0.9
LSK	HZ	214	169	IAML		2139	6.57		927	1.2							
SRN	HZ	241	183	EP		2138	34.740	.290									0.9
SRN	HE	241	183	ES		2139	7.06	1.14									0.9
SRN	HZ	241	183	IAML		2139	15.19		421	1.4							
KEK	HZ	261	186	EP	D	2138	36.79-	.230									0.9
KEK	HZ	261	186	IAML		2139	20.58		765	0.7							
IGT	HZ	280	176	EP	D	2138	39.760	.290									0.8
IGT	HN	280	176	ES		2139	16.17	1.17									0.8
IGT	HZ	280	176	IAML		2139	29.86		495	1.2							
THE	HZ	285	123	EP	C	2138	39.02-	1.04									0.8
THE	HN	285	123	ES		2139	16.570	.500									0.8
THE	HZ	285	123	IAML		2139	23.02		192	2.4							
THL	HZ	318	149	EP	D	2138	43.62-	.750									0.8
BLY	HZ	383	323	EP	C	2138	52.42-	.340									0.8
TIP	HZ	427	223	EP	C	2138	54.65-	3.82									0.7
RDO	HZ	462	101	EP	D	2139	1.12-	1.64									0.7

**January 14 2022 Hour: 21:43 40.7 Lat: 42.04N Lon: 20.08E D: 15.3 Ag: TIR Local**  
**Magnitudes: 1.5ML TIR Rms: 0.5 secs**  
**4 km SE of Fushe-Arrez**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	16	269	EP		2143	44.680	.040							1.0
PUK	HN	16	269	ES		2143	47.58-	.290							1.0
PUK	HZ	16	269	IAML		2143	48.21		106	0.1					
BCI	HZ	36	358	EP		2143	47.33-	.170							1.0
BCI	HN	36	358	ES		2143	53.450	.410							1.0
BCI	HZ	36	358	IAML		2143	59.48		22	0.2					
SDA	HZ	48	271	EP		2143	50.260	.760							1.0
SDA	HE	48	271	ES		2143	56.920	.240							1.0
SDA	HZ	48	271	IAML		2143	58.11		9	0.1					
PHP	HZ	50	143	EP		2143	48.83-	.930							1.0
PHP	HN	50	143	ES		2143	57.700	.570							1.0
PHP	HZ	50	143	IAML		2143	59.69		4	0.1					
PDG	HZ	80	302	EP		2143	54.51-	.270							1.0
PDG	HN	80	302	ES		2144	5.87-	.360							1.0
PDG	HZ	80	302	IAML		2144	7.43		12	0.2					

**January 14 2022 Hour: 21:50 27.9 Lat: 42.04N Lon: 20.09E D: 15.9 Ag: TIR Local**  
**Magnitudes: 1.5ML TIR Rms: 0.5 secs**  
**5 km SE of Fushe-Arrez**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	17	270	EP		2150	32.300	.220							1.0
PUK	HN	17	270	ES		2150	35.12-	.310							1.0
PUK	HZ	17	270	IAML		2150	35.25		352	0.1					
BCI	HZ	36	357	EP		2150	34.910	.060							1.0
BCI	HE	36	357	ES		2150	40.660	.220							1.0
BCI	HZ	36	357	IAML		2150	41.76		20	0.5					
SDA	HZ	49	271	EP		2150	37.96	1.03							1.0
SDA	HE	49	271	ES		2150	44.230	.030							1.0
SDA	HZ	49	271	IAML		2150	48.18		11						
PHP	HZ	49	144	EP		2150	35.99-	1.01							1.0
PHP	HN	49	144	ES		2150	44.780	.460							1.0
PHP	HZ	49	144	IAML		2150	47.48		5	0.4					
PDG	HZ	81	302	EP		2150	41.99-	.200							1.0
PDG	HN	81	302	ES		2150	53.21-	.520							1.0
PDG	HZ	81	302	IAML		2150	56.31		9	0.2					

**January 14 2022 Hour: 21:56 29.3 Lat: 42.05N Lon: 20.07E D: 18.0 Ag: TIR Local**  
**Magnitudes: 1.0ML TIR Rms: 0.7 secs**  
**3 km SE of Fushe-Arrez**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	15	266	EP		2156	33.630	.190							1.0
PUK	HN	15	266	ES		2156	36.30-	.520							1.0
PUK	HZ	15	266	IAML		2156	36.55			85	0.1				
BCI	HZ	35	359	EP		2156	35.83-	.290							1.0
BCI	HN	35	359	ES		2156	42.100	.420							1.0
BCI	HZ	35	359	IAML		2156	42.80			8	0.2				
SDA	HZ	47	270	EP		2156	36.69-	1.34							1.0
SDA	HN	47	270	ES		2156	46.34	1.21							1.0
PHP	HZ	51	143	EP		2156	38.67-	.010							1.0
PHP	HN	51	143	ES		2156	46.650	.340							1.0
PHP	HZ	51	143	IAML		2156	49.34			2	0.4				

**January 14 2022 Hour: 22:0 50.4 Lat: 42.04N Lon: 20.09E D: 14.6 Ag: TIR Local**  
**Magnitudes: 1.2ML TIR Rms: 0.5 secs**  
**5 km SE of Fushe-Arrez**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	16	271	EP		22 0	54.550	.210							1.0
PUK	HN	16	271	ES		22 0	57.40-	.150							1.0
PUK	HZ	16	271	IAML		22 0	57.54			125	0.1				
BCI	HZ	36	357	EP		22 0	57.640	.370							1.0
BCI	HN	36	357	ES		22 1	2.80-	.050							1.0
BCI	HZ	36	357	IAML		22 1	4.26			12	0.2				
SDA	HZ	49	271	EP		22 1	0.090	.810							1.0
PHP	HZ	49	144	EP		22 0	58.56-	.800							1.0
PHP	HN	49	144	ES		22 1	6.820	.190							1.0
PHP	HZ	49	144	IAML		22 1	9.57			4	0.3				
PDG	HZ	81	303	EP		22 1	4.830	.230							1.0
PDG	HN	81	303	ES		22 1	15.33-	.800							1.0
PDG	HZ	81	303	IAML		22 1	17.29			4	0.3				

**January 14 2022 Hour: 22:53 37.9 Lat: 42.07N Lon: 20.09E D: 11.0 Ag: TIR Local**  
**Magnitudes: 3.2ML TIR 3.4MW TIR Rms: 0.7 secs**  
**5 km E of Fushe-Arrez**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	17	260	EP		2253	41.740	.130							1.0
PUK	HN	17	260	ES		2253	44.56-	.050							1.0
PUK	HZ	17	260	IAML		2253	44.92			13413	0.2				
BCI	HZ	33	356	EP		2253	44.690	.530							1.0
BCI	HN	33	356	ES		2253	50.070	.840							1.0
BCI	HZ	33	356	IAML		2253	51.08			2544	0.2				
SDA	HZ	49	268	EP		2253	46.44-	.390							1.0
SDA	HE	49	268	ES		2253	54.650	.580							1.0
SDA	HZ	49	268	IAML	A	2253	57.75			1196	0.4				
PHP	HZ	51	146	EP		2253	46.43-	.800							1.0
PHP	HN	51	146	ES		2253	54.21-	.570							1.0
PHP	HZ	51	146	IAML	A	2254	2.32			520	0.7				
PDG	HZ	80	300	EP		2253	51.11-	.780							1.0
PDG	HN	80	300	ES		2254	2.39-	.830							1.0
PDG	HZ	80	300	IAML	A	2254	5.74			869	0.3				
TIR	HZ	82	194	EP		2253	51.81-	.550							1.0
TIR	HE	82	194	ES		2254	3.88-	.180							1.0
TIR	HZ	82	194	IAML	A	2254	5.99			241	0.6				
BERA	HZ	152	185	EP		2254	3.69-	.300							1.0
BERA	HN	152	185	ES		2254	26.31	1.19							1.0
BERA	HZ	152	185	IAML		2254	29.56			91	0.5				
BPA2	HZ	154	195	EP		2254	5.40	1.13							1.0
KBN	HZ	171	160	EP		2254	7.580	.480							0.9
KBN	HE	171	160	E		2254	34.45								
KBN	HZ	171	160	IAML	A	2254	41.46			92	0.8				

VLO	HZ	185	196	EP		2254	8.60-	.230							0.9
VLO	HN	185	196	ES		2254	33.64-	.240							0.9
VLO	HZ	185	196	IAML		2254	41.21		111	0.5					
NEST	HZ	200	156	EP		2254	11.220.	.260							0.9
NEST	HZ	200	156	IAML	A	2254	44.79		86	0.7					
LSK	HZ	217	169	EP		2254	14.28	1.17							0.9
LSK	HN	217	169	ES		2254	41.18-	.460							0.9
LSK	HZ	217	169	IAML	A	2254	48.15		95	1.0					
SRN	HZ	243	182	EP		2254	15.28-	1.04							0.9
SRN	HE	243	182	ES		2254	49.52	2.08							0.9
SRN	HZ	243	182	IAML		2254	57.29		36	1.0					
KEK	HZ	263	186	EP		2254	18.76-	.110							0.9
IGT	HZ	282	176	EP		2254	20.84-	.540							0.8
IGT	HN	282	176	ES		2254	55.84-	.760							0.8
IGT	HZ	282	176	IAML		2255	13.09		41	1.0					
THL	HZ	322	149	EP		2254	25.83-	.570							0.8

**January 14 2022 Hour: 23: 2 26.5 Lat: 42.06N Lon: 20.07E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.7ML TIR 3.2MW TIR Rms: 0.6 secs**  
**2 km SE of Fushe-Arrez**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	15	263	EP		23	2	30.250.	300						1.0
PUK	HN	15	263	ES		23	2	33.050.	340						1.0
PUK	HZ	15	263	IAML		23	2	33.29		6037	0.1				
BCI	HZ	34	360	EP		23	2	33.250.	300						1.0
BCI	HN	34	360	ES		23	2	38.630.	480						1.0
BCI	HZ	34	360	IAML		23	2	41.03		490	0.2				
SDA	HZ	47	269	EP		23	2	34.85-	.270						1.0
SDA	HE	47	269	ES		23	2	41.99-	.090						1.0
SDA	HZ	47	269	IAML		23	2	46.02		288	0.3				
PHP	HZ	52	143	EP		23	2	34.78-	1.13						1.0
PHP	HN	52	143	ES		23	2	42.65-	.860						1.0
PHP	HZ	52	143	IAML	A	23	2	45.40		149	0.4				
PDG	HZ	79	302	EP		23	2	39.59-	.730						1.0
PDG	HN	79	302	ES		23	2	51.15-	.340						1.0
PDG	HZ	79	302	IAML		23	2	54.12		191	0.3				
TIR	HZ	81	192	EP		23	2	40.39-	.350						1.0
TIR	HN	81	192	ES		23	2	52.430.	180						1.0
TIR	HZ	81	192	IAML		23	2	54.43		90	0.6				
BERA	HZ	151	184	EP		23	2	52.620.	200						1.0
BERA	HN	151	184	ES		23	3	13.690.	300						1.0
BERA	HZ	151	184	IAML		23	3	18.01		60	0.4				
BPA2	HZ	152	195	EP		23	2	52.62-	.030						1.0
KBN	HZ	170	159	EP		23	2	56.75	1.06						0.9
KBN	HZ	170	159	IAML		23	3	24.89		23	0.7				
NEST	HZ	200	156	EP		23	2	59.28-	.280						0.9
NEST	HN	200	156	ES		23	3	27.99	1.68						0.9
NEST	HZ	200	156	IAML	A	23	3	33.30		25	0.8				
LSK	HZ	217	168	EP		23	3	2.75	1.10						0.9
SRN	HZ	242	181	EP		23	3	4.70-	.100						0.9
SRN	HN	242	181	ES		23	3	35.30-	.490						0.9
SRN	HZ	242	181	IAML		23	3	46.65		16	0.8				
IGT	HZ	282	175	EP		23	3	9.80-	.080						0.8
IGT	HZ	282	175	IAML		23	3	50.21		15	1.5				
THL	HZ	322	149	EP		23	3	14.32-	.720						0.8
THL	HN	322	149	ES		23	3	53.91-	.420						0.8

**January 14 2022 Hour: 23:39 51.8 Lat: 42.06N Lon: 20.07E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.6ML TIR 2.9MW TIR Rms: 0.6 secs**  
**2 km SE of Fushe-Arrez**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	15	263	EP		2339	55.440.	.230							1.0
PUK	HN	15	263	ES		2339	58.260.	.290							1.0
PUK	HZ	15	263	IAML		2339	59.23		3838	0.4					

BCI	HZ	34	360	EP	2339	58.410.190											1.0
BCI	HE	34	360	ES	2340	3.900.480											1.0
BCI	HZ	34	360	IAML	2340	5.03			493	0.3							
SDA	HZ	47	269	EP	2340	0.21-.170											1.0
SDA	HE	47	269	ES	2340	7.21-.130											1.0
SDA	HZ	47	269	IAML	2340	11.53			198	0.2							
PHP	HZ	52	143	EP	2340	0.28-.890											1.0
PHP	HN	52	143	ES	2340	7.80-.960											1.0
PHP	HZ	52	143	IAML	2340	10.54			170	0.3							
PDG	HZ	79	302	EP	2340	4.83-.750											1.0
PDG	HN	79	302	ES	2340	16.55-.200											1.0
PDG	HZ	79	302	IAML A	2340	21.20			121	0.3							
TIR	HZ	81	192	EP	2340	6.110.110											1.0
TIR	HE	81	192	ES	2340	17.580.080											1.0
TIR	HZ	81	192	IAML A	2340	20.65			89	0.3							
BERA	HZ	151	184	EP	2340	17.55-.130											1.0
BERA	HN	151	184	ES	2340	39.010.360											1.0
BERA	HZ	151	184	IAML	2340	42.90			39	0.6							
BPA2	HZ	152	195	EP	2340	17.86-.040											1.0
KBN	HZ	170	159	EP	2340	21.440.490											0.9
KBN	HN	170	159	ES	2340	44.49-.070											0.9
KBN	HZ	170	159	IAML	2340	50.14			23	0.8							
NEST	HZ	200	156	EP	2340	24.36-.460											0.9
NEST	HN	200	156	ES	2340	53.03 1.47											0.9
NEST	HZ	200	156	IAML	2340	57.37			25	0.5							
LSK	HZ	217	168	EP	2340	28.26 1.35											0.9
LSK	HN	217	168	ES	2340	55.33-.030											0.9
LSK	HZ	217	168	IAML	2341	2.22			39	0.9							
SRN	HZ	242	181	EP	2340	30.02-.040											0.9
KEK	HZ	262	185	EP	2340	31.68-.910											0.9
KEK	HZ	262	185	IAML	2341	14.82			38	1.1							
IGT	HZ	281	175	EP	2340	35.10-.040											0.8

**January 15 2022 Hour: 1:11 20.4 Lat: 40.46N Lon: 21.24E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR 2.5MW TIR Rms: 0.8 secs**  
**27 km SE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	17	252	IP		111	24.730.640								1.0
NEST	HN	17	252	IS		111	27.380.310								1.0
NEST	HZ	17	252	IAML		111	27.71			310	0.6				
KBN	HZ	42	296	EP		111	28.560.400								1.0
KBN	HE	42	296	ES		111	34.13-.310								1.0
KBN	HZ	42	296	IAML A		111	36.78			99	0.9				
LSK	HZ	64	238	EP		111	31.09-.790								1.0
LSK	HN	64	238	ES		111	39.57-1.60								1.0
LSK	HZ	64	238	IAML A		111	46.24			32	0.7				
THL	HZ	120	146	EP		111	40.00-1.07								1.0
THL	HE	120	146	ES		111	58.120.320								1.0
SRN	HZ	123	239	EP		111	41.26-.420								1.0
SRN	HE	123	239	ES		112	0.18 1.27								1.0
SRN	HZ	123	239	IAML		112	4.29			16	0.9				
IGT	HZ	129	217	IP		111	43.080.490								1.0
IGT	HN	129	217	ES		112	0.610.050								1.0
IGT	HZ	129	217	IAML		112	5.88			11	0.1				
KEK	HZ	148	236	IP		111	46.070.270								1.0
PHP	HZ	151	334	EP		111	46.24-.140								1.0
PHP	HN	151	334	ES		112	6.62-.800								1.0
PHP	HZ	151	334	IAML		112	8.81			7	1.1				
PUK	HZ	209	328	EP		111	56.10 1.62								0.9



January 15 2022 Hour: 2:21 38.0 Lat: 42.03N Lon: 20.05E D: 16.7 Ag: TIR Local  
 Magnitudes: 1.5ML TIR Rms: 0.3 secs  
 4 km SE of Fushe-Arrez

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	13	274	IP		221	42.160	.340							1.0
PUK	HN	13	274	IS		221	44.86-	.080							1.0
PUK	HZ	13	274	IAML		221	45.11			318	0.1				
BCI	HZ	37	2	IP		221	45.270	.220							1.0
BCI	HN	37	2	IS		221	50.71-	.090							1.0
BCI	HZ	37	2	IAML		221	52.93			21	0.2				
SDA	HZ	46	272	IP		221	46.740	.310							1.0
SDA	HZ	46	272	IAML		221	58.12			12	0.3				
PHP	HZ	51	140	IP		221	47.490	.250							1.0
PHP	HN	51	140	IS		221	54.28-	.480							1.0
PHP	HZ	51	140	IAML		221	57.26			7	0.3				
PDG	HZ	79	304	IP		221	52.010	.170							1.0
PDG	HN	79	304	IS		222	2.46-	.630							1.0
PDG	HZ	79	304	IAML		222	5.19			9	0.3				

January 15 2022 Hour: 5:18 23.5 Lat: 41.42N Lon: 20.22E D: 15.4 Ag: TIR Local  
 Magnitudes: 1.0ML TIR Rms: 0.3 secs  
 7 km S of Bulqize

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	31	255	EP		518	29.900	.340							1.0
TIR	HN	31	255	ES		518	34.25-	.190							1.0
TIR	HZ	31	255	IAML		518	36.13			9	0.2				
PHP	HZ	35	32	EP		518	30.280	.050							1.0
PHP	HN	35	32	ES		518	35.670	.020							1.0
PHP	HZ	35	32	IAML		518	37.11			12	0.5				
PUK	HZ	74	339	EP		518	36.66-	.070							1.0
PUK	HN	74	339	ES		518	47.28-	.140							1.0
PUK	HZ	74	339	IAML		518	50.50			2	0.2				
SDA	HZ	92	320	EP		518	39.13-	.490							1.0
SDA	HN	92	320	ES		518	52.990	.340							1.0
NEST	HZ	132	148	EP		518	46.780	.510							1.0
NEST	HE	132	148	ES		519	4.31-	.370							1.0

January 15 2022 Hour: 6:14 35.1 Lat: 40.87N Lon: 21.37E D: 11.1 Ag: TIR Local  
 Magnitudes: 2.4ML TIR 2.6MW TIR Rms: 0.9 secs  
 41 km E of Pustec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	57	241	EP		614	45.890	.650							1.0
KBN	HN	57	241	ES		614	53.08-	.400							1.0
KBN	HZ	57	241	IAML	A	614	54.15			54	0.3				
NEST	HZ	58	208	EP		614	44.58-	.850							1.0
NEST	HE	58	208	ES		614	52.46-	1.37							1.0
NEST	HZ	58	208	IAML		614	54.41			387	0.2				
LSK	HZ	103	220	EP		614	53.220	.140							1.0
LSK	HN	103	220	ES		615	7.670	.000							1.0
LSK	HZ	103	220	IAML	A	615	16.69			51	0.6				
PHP	HZ	119	320	EP		614	55.54-	.180							1.0
PHP	HN	119	320	ES		615	12.22-	.230							1.0
PHP	HZ	119	320	IAML	A	615	15.20			28	0.7				
THE	HZ	137	101	EP		614	58.49-	.130							1.0
THL	HZ	155	159	EP		615	0.55-	1.05							1.0
THL	HE	155	159	ES		615	23.210	.110							1.0
SRN	HZ	160	227	EP		615	4.51	2.03							0.9
SRN	HN	160	227	ES		615	24.820	.140							0.9
SRN	HZ	160	227	IAML		615	31.40			19	1.3				
IGT	HZ	173	211	EP		615	6.55	2.05							0.9
IGT	HZ	173	211	IAML		615	34.54			23	1.0				
PUK	HZ	180	317	EP		615	4.79-	.620							0.9
PUK	HN	180	317	ES		615	29.13-	.860							0.9

BCI HZ 199 327 EP 615 8.690.880 0.9

**January 15 2022 Hour: 7:41 5.0 Lat: 39.45N Lon: 20.37E D: 10.0F Ag: TIR Local**  
**Magnitudes: 1.6ML TIR Rms: 0.2 secs**

**28 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	10	339	EP		741	6.71	-.030							1.0
IGT	HE	10	339	ES		741	7.68	-.500							1.0
IGT	HZ	10	339	IAML		741	8.04			327	0.1				
KEK	HZ	58	301	EP		741	15.42	0.200							1.0
KEK	HN	58	301	ES		741	23.59	0.050							1.0
KEK	HZ	58	301	IAML		741	28.22			21	0.3				
SRN	HZ	58	326	EP		741	15.32	0.070							1.0
SRN	HE	58	326	ES		741	23.70	0.120							1.0
SRN	HZ	58	326	IAML		741	26.60			8	0.3				
LSK	HZ	80	14	EP		741	19.09	-.190							1.0
LSK	HN	80	14	ES		741	31.35	0.470							1.0
NEST	HZ	122	28	EP		741	26.50	-.210							1.0
NEST	HE	122	28	ES		741	44.34	0.010							1.0
NEST	HZ	122	28	IAML		741	50.25			6	0.5				

**January 15 2022 Hour: 7:51 20.2 Lat: 41.89N Lon: 19.92E D: 17.8 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR Rms: 0.5 secs**

**14 km N of Reshen**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	17	353	IP	A	751	25.06	0.520							1.0
PUK	HN	17	353	ES		751	28.79	0.700							1.0
PUK	HZ	17	353	IAML		751	29.79			216	0.1				
SDA	HZ	39	297	EP		751	27.47	-.100							1.0
SDA	HN	39	297	ES		751	33.42	-.160							1.0
SDA	HZ	39	297	IAML		751	34.35			71	0.4				
PHP	HZ	49	118	EP		751	28.63	-.650							1.0
PHP	HN	49	118	ES		751	36.31	-.350							1.0
PHP	HZ	49	118	IAML		751	37.97			26	0.3				
BCI	HZ	54	13	EP		751	29.71	-.350							1.0
BCI	HN	54	13	ES		751	38.13	0.050							1.0
BCI	HZ	54	13	IAML		751	39.55			28	0.3				
TIR	HE	61	184	ES		751	39.98	0.020							1.0
PDG	HZ	81	318	EP		751	34.18	-.210							1.0
PDG	HN	81	318	ES		751	45.52	-.390							1.0
PDG	HZ	81	318	IAML		751	46.97			11	0.3				
NEST	HZ	190	150	EP		751	52.19	1.09							0.9

**January 15 2022 Hour: 10:23 26.4 Lat: 40.84N Lon: 21.41E D: 11.1 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR Rms: 0.5 secs**

**42 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	58	245	EP		1023	37.81	1.01							1.0
KBN	HN	58	245	ES		1023	45.04	-.200							1.0
KBN	HZ	58	245	IAML		1023	46.18			14	0.3				
LSK	HZ	103	222	EP		1023	44.69	0.340							1.0
LSK	HN	103	222	ES		1023	58.30	-.600							1.0
LSK	HZ	103	222	IAML		1024	5.73			10	0.4				
PHP	HZ	124	319	EP		1023	47.68	-.100							1.0
PHP	HN	124	319	ES		1024	4.46	-.650							1.0
PHP	HZ	124	319	IAML		1024	7.05			8	0.4				
THL	HZ	151	160	EP		1023	52.12	-.110							1.0
THL	HE	151	160	ES		1024	12.68	-.490							1.0
IGT	HZ	172	213	EP		1023	56.07	0.380							0.9
IGT	HN	172	213	ES		1024	19.55	0.120							0.9
PUK	HZ	184	317	EP		1023	57.62	0.310							0.9

**January 15 2022 Hour: 12:41 47.7 Lat: 42.05N Lon: 20.06E D: 14.0 Ag: TIR Local**  
**Magnitudes: 3.4ML TIR Rms: 0.4 secs**  
**3 km SE of Fushe-Arrez**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	14	266	EP		1241	51.660	.330							1.0
PUK	HN	14	266	ES		1241	54.22	-.010							1.0
PUK	HZ	14	266	IAML		1241	54.69		22241	0.1					
BCI	HZ	35	1	EP		1241	54.790	.400							1.0
BCI	HN	35	1	ES		1241	59.74	-.030							1.0
BCI	HZ	35	1	IAML		1242	1.02		2326	0.2					
SDA	HZ	46	270	EP		1241	56.250	.030							1.0
SDA	HN	46	270	ES		1242	2.55	-.530							1.0
SDA	HZ	46	270	IAML		1242	7.34		1196	0.5					
PHP	HZ	52	142	EP		1241	56.69	-.440							1.0
PHP	HN	52	142	ES		1242	4.13	-.600							1.0
PHP	HZ	52	142	IAML		1242	6.97		419	0.4					
PDG	HZ	78	303	EP		1242	1.22	-.280							1.0
PDG	HE	78	303	ES		1242	12.53	-.110							1.0
PDG	HZ	78	303	IAML		1242	14.61		912	0.3					
TIR	HZ	80	192	EP		1242	2.550	.760							1.0
TIR	HE	80	192	ES		1242	13.14	-.030							1.0
TIR	HZ	80	192	IAML		1242	17.12		297	0.4					
BERA	HZ	150	184	EP		1242	13.920	.440							1.0
BERA	HN	150	184	ES		1242	34.440	.110							1.0
BERA	HZ	150	184	IAML		1242	39.72		153	0.9					

**January 15 2022 Hour: 13:45 44.0 Lat: 42.11N Lon: 20.08E D: 8.6 Ag: TIR Local**  
**Magnitudes: 1.3ML TIR Rms: 0.5 secs**  
**5 km N of Fushe-Arrez**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	17	244	EP		1345	46.31	-1.20							1.0
PUK	HN	17	244	ES		1345	50.890	.540							1.0
PUK	HZ	17	244	IAML		1345	51.70		34	0.1					
BCI	HZ	28	358	EP		1345	49.690	.370							1.0
BCI	HE	28	358	ES		1345	53.48	-.150							1.0
BCI	HZ	28	358	IAML		1345	55.05		16	0.2					
SDA	HZ	48	262	EP		1345	52.64	-.140							1.0
SDA	HE	48	262	ES		1346	0.120	.230							1.0
PHP	HZ	56	148	EP		1345	54.710	.560							1.0
PHP	HN	56	148	ES		1346	2.17	-.210							1.0

**January 15 2022 Hour: 14:1 44.2 Lat: 39.68N Lon: 20.59E D: 12.0 Ag: TIR Local**  
**Magnitudes: 1.6ML TIR Rms: 0.1 secs**  
**35 km E of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	28	234	EP		14 1	49.690	.110							1.0
IGT	HN	28	234	ES		14 1	53.89	-.050							1.0
IGT	HZ	28	234	IAML		14 1	56.59		43	0.3					
LSK	HZ	52	0	EP		14 1	53.55	-.150							1.0
LSK	HN	52	0	ES		14 2	1.38	-.010							1.0
SRN	HZ	56	294	EP		14 1	54.210	.030							1.0
SRN	HN	56	294	ES		14 2	2.21	-.040							1.0
SRN	HZ	56	294	IAML		14 2	3.93		15	0.4					
KEK	HZ	68	273	EP		14 1	56.340	.020							1.0
KEK	HN	68	273	ES		14 2	6.190	.060							1.0
KEK	HZ	68	273	IAML		14 2	8.87		19	0.4					
NEST	HZ	91	25	EP		14 1	59.90	-.160							1.0
NEST	HN	91	25	ES		14 2	13.120	.210							1.0

**January 15 2022 Hour: 15: 4 58.1 Lat: 40.78N Lon: 21.42E D: 13.0 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR Rms: 0.7 secs**  
**40 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	51	218	IP		15	5	7.41-.050							1.0
NEST	HN	51	218	IS		15	5	15.810.780							1.0
NEST	HZ	51	218	IAML		15	5	16.31		106	0.3				
KBN	HZ	56	252	EP		15	5	8.990.710							1.0
KBN	HN	56	252	ES		15	5	15.35-1.16							1.0
KBN	HZ	56	252	IAML		15	5	16.02		15	0.2				
LSK	HZ	99	225	EP		15	5	15.01-.340							1.0
LSK	HN	99	225	ES		15	5	29.22-.090							1.0
LSK	HZ	99	225	IAML		15	5	31.44		15	0.8				
THL	HZ	144	159	IP		15	5	22.08-.740							1.0
THL	HN	144	159	IS		15	5	42.77-.070							1.0
SRN	HZ	157	231	EP		15	5	26.20 1.25							1.0
SRN	HN	157	231	ES		15	5	46.44-.240							1.0

**January 15 2022 Hour: 15:37 12.6 Lat: 40.86N Lon: 21.43E D: 8.2 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.5 secs**  
**44 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	59	213	EP		1537	23	23.630.370							1.0
NEST	HN	59	213	ES		1537	32	220.320							1.0
NEST	HZ	59	213	IAML		1537	34	99		94	0.2				
KBN	HZ	60	244	EP		1537	23	590.150							1.0
KBN	HN	60	244	ES		1537	31	80-.440							1.0
KBN	HZ	60	244	IAML		1537	32	55		32	0.3				
LSK	HZ	106	222	EP		1537	30	07-1.08							1.0
LSK	HN	106	222	ES		1537	46	06-.120							1.0
LSK	HN	106	222	E		1537	46	06							
LSK	HZ	106	222	IAML		1537	47	85		21	0.3				
THL	HZ	152	161	EP		1537	38	31-.570							1.0
THL	HN	152	161	ES		1538	0	15-.020							1.0
SRN	HZ	163	228	EP		1537	41	66 1.03							0.9
SRN	HE	163	228	ES		1538	3	05-.290							0.9
SRN	HZ	163	228	IAML		1538	7	39		9	0.3				
IGT	HZ	174	213	EP		1537	42	960.390							0.9
IGT	HN	174	213	ES		1538	7	220.360							0.9
IGT	HZ	174	213	IAML		1538	10	42		8	1.2				

**January 15 2022 Hour: 16: 3 45.4 Lat: 40.78N Lon: 21.25E D: 10.0F Ag: TIR Local**  
**Magnitudes: 1.7ML TIR Rms: 0.5 secs**  
**27 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	43	247	EP		16	3	52.68-.400							1.0
KBN	HN	43	247	ES		16	3	58.90-.400							1.0
KBN	HZ	43	247	IAML		16	4	4.07		16	0.3				
NEST	HZ	44	203	EP		16	3	53.810.580							1.0
NEST	HN	44	203	ES		16	4	0.060.480							1.0
NEST	HZ	44	203	IAML		16	4	3.73		56	0.3				
LSK	HZ	89	219	EP		16	4	1.00-.320							1.0
LSK	HN	89	219	ES		16	4	13.83-.380							1.0
SRN	HZ	146	227	EP		16	4	11.180.060							1.0
SRN	HE	146	227	ES		16	4	32.160.200							1.0
THL	HZ	149	154	EP		16	4	11.42-.290							1.0
THL	HN	149	154	ES		16	4	32.50-.530							1.0
IGT	HZ	159	210	EP		16	4	14.65 1.33							0.9
IGT	HE	159	210	ES		16	4	35.67-.270							0.9

January 15 2022 Hour: 16:9 14.1 Lat: 40.72N Lon: 21.37E D: 11.8 Ag: TIR Local  
 Magnitudes: 2.0ML TIR Rms: 0.8 secs  
 33 km E of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	44	218	EP		16	9	22.250.080							1.0
NEST	HN	44	218	ES		16	9	29.060.370							1.0
NEST	HZ	44	218	IAML		16	9	30.41		105	0.2				
KBN	HZ	50	257	EP		16	9	23.320.050							1.0
KBN	HN	50	257	ES		16	9	30.06-.620							1.0
KBN	HZ	50	257	IAML		16	9	32.43		23	0.3				
LSK	HZ	91	226	EP		16	9	29.93-.150							1.0
LSK	HN	91	226	ES		16	9	41.93-1.09							1.0
LSK	HZ	91	226	IAML		16	9	47.86		16	0.5				
THL	HZ	140	157	EP		16	9	38.430.280							1.0
THL	HN	140	157	ES		16	9	56.49-1.13							1.0
SRN	HZ	149	232	EP		16	9	39.24-.460							1.0
SRN	HN	149	232	ES		16	10	0.21-.220							1.0
IGT	HZ	159	214	EP		16	9	43.26 1.92							0.9
IGT	HE	159	214	ES		16	10	4.61 1.22							0.9
IGT	HZ	159	214	IAML		16	10	8.58		9	0.6				
PUK	HZ	192	320	EP		16	9	45.87-.070							0.9

January 15 2022 Hour: 16:21 32.9 Lat: 40.79N Lon: 21.26E D: 11.4 Ag: TIR Local  
 Magnitudes: 2.0ML TIR 2.8MW TIR Rms: 0.6 secs  
 29 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	44	246	EP		16	21	40.86-.140							1.0
KBN	HE	44	246	ES		16	21	46.79-.810							1.0
KBN	HZ	44	246	IAML		16	21	49.45		43	0.2				
NEST	HZ	45	204	EP		16	21	41.930.750							1.0
NEST	HN	45	204	ES		16	21	48.280.350							1.0
NEST	HZ	45	204	IAML	A	16	21	48.77		276	0.4				
LSK	HZ	91	219	EP		16	21	48.27-.460							1.0
LSK	HN	91	219	ES		16	22	0.94-.650							1.0
LSK	HZ	91	219	IAML	A	16	22	3.28		53	1.1				
SRN	HZ	147	227	EP		16	21	58.130.010							1.0
SRN	HN	147	227	ES		16	22	19.120.540							1.0
SRN	HZ	147	227	IAML		16	22	23.10		6	0.2				
THL	HZ	150	155	EP		16	21	57.66-.910							1.0
THL	HE	150	155	ES		16	22	19.12-.290							1.0
IGT	HZ	160	210	EP		16	22	1.090.770							0.9
IGT	HN	160	210	ES		16	22	23.010.440							0.9
IGT	HZ	160	210	IAML		16	22	26.83		12	0.8				
KEK	HZ	173	227	EP		16	22	3.030.820							0.9
KEK	HE	173	227	ES		16	22	25.53-.460							0.9
PUK	HZ	181	321	EP		16	22	3.680.380							0.9
PUK	HN	181	321	ES		16	22	27.73-.220							0.9
PUK	HZ	181	321	IAML	A	16	22	31.03		4	0.5				

January 15 2022 Hour: 18:34 18.0 Lat: 40.75N Lon: 21.40E D: 13.6 Ag: TIR Local  
 Magnitudes: 2.7ML TIR 2.9MW TIR Rms: 0.8 secs  
 37 km E of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	48	219	EP		18	34	27.030.340							1.0
NEST	HN	48	219	ES		18	34	34.130.370							1.0
NEST	HZ	48	219	IAML	A	18	34	34.82		669	0.2				
KBN	HZ	54	255	EP		18	34	27.17-.520							1.0
KBN	HN	54	255	ES		18	34	34.39-1.18							1.0
KBN	HZ	54	255	IAML		18	34	35.96		105	0.3				
LSK	HZ	95	226	EP		18	34	34.37-.220							1.0
LSK	HN	95	226	ES		18	34	47.43-.620							1.0
LSK	HZ	95	226	IAML		18	34	50.84		117	0.7				
BERA	HZ	123	268	EP		18	34	39.210.070							1.0

BERA	HE	123	268	ES	1834	56.670.380									1.0
BERA	HZ	123	268	IAML	1835	1.84		69	0.7						
THE	HZ	133	95	EP	1834	41.130.300									1.0
THE	HN	133	95	ES	1834	58.04-1.30									1.0
THE	HZ	133	95	IAML	1835	3.35		20	0.4						
THL	HZ	141	158	EP	1834	42.18-.070									1.0
THL	HN	141	158	ES	1835	1.950.030									1.0
BPA2	HZ	151	270	EP	1834	44.000.230									1.0
SRN	HZ	153	231	EP	1834	44.660.460									1.0
SRN	HN	153	231	ES	1835	4.26-1.19									1.0
SRN	HZ	153	231	IAML	1835	8.01		42	0.3						
IGT	HZ	163	214	EP	1834	47.60 1.82									0.9
IGT	HN	163	214	ES	1835	8.360.060									0.9
IGT	HZ	163	214	IAML	1835	11.82		58	0.5						
VLO	HZ	164	260	EP	1834	47.65 1.67									0.9
KEK	HZ	178	230	EP	1834	48.700.880									0.9
KEK	HN	178	230	ES	1835	11.05-.940									0.9
KEK	HZ	178	230	IAML	1835	16.25		53	0.3						
PUK	HZ	191	319	EP	1834	49.830.270									0.9
PUK	HE	191	319	ES	1835	14.34-.800									0.9
PUK	HZ	191	319	IAML A	1835	15.89		20	0.6						
BCI	HZ	211	329	EP	1834	51.93-.160									0.9
BCI	HZ	211	329	IAML	1835	24.18		40	1.1						
SDA	HZ	215	313	EP	1834	52.820.340									0.9
SDA	HN	215	313	ES	1835	19.81-.620									0.9
SDA	HZ	215	313	IAML	1835	24.31		14	0.6						
PDG	HZ	258	317	EP	1834	58.780.730									0.9
PDG	HZ	258	317	IAML	1835	35.66		13	0.8						

**January 15 2022 Hour: 19:20 7.1 Lat: 39.23N Lon: 20.48E D: 10.0F Ag: TIR Local**  
**Magnitudes: 1.9ML TIR Rms: 0.7 secs**  
**54 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	36	339	EP		1920	12.51-.980								0.7
IGT	HZ	36	339	IAML		1920	17.41			37	0.1				
IGT	HN	36	339	ES		1920	17.71-.970								1.0
KEK	HZ	80	312	EP		1920	20.63-.670								1.0
KEK	HN	80	312	ES		1920	33.030.220								1.0
KEK	HZ	80	312	IAML		1920	37.30			33	1.5				
SRN	HZ	83	330	EP		1920	22.100.170								1.0
SRN	HN	83	330	ES		1920	35.14 1.19								1.0
LSK	HZ	102	5	EP		1920	25.940.560								1.0
LSK	HN	102	5	ES		1920	39.88-.310								1.0
NEST	HZ	140	20	EP		1920	32.280.390								1.0
NEST	HZ	140	20	IAML		1920	59.77			9	1.0				

**January 15 2022 Hour: 20:0 54.5 Lat: 40.79N Lon: 21.42E D: 7.9 Ag: TIR Local**  
**Magnitudes: 2.8ML TIR 3.1MW TIR Rms: 0.7 secs**  
**40 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	52	217	EP		20 1	4.400.510								1.0
NEST	HE	52	217	ES		20 1	11.570.050								1.0
NEST	HZ	52	217	IAML		20 1	12.78			1005	0.5				
KBN	HZ	56	251	EP		20 1	4.680.050								1.0
KBN	HN	56	251	ES		20 1	11.68-1.19								1.0
KBN	HZ	56	251	IAML A		20 1	13.10			277	0.3				
LSK	HZ	99	225	EP		20 1	11.43-.550								1.0
LSK	HN	99	225	ES		20 1	25.48-.690								1.0
LSK	HZ	99	225	IAML A		20 1	30.54			111	0.5				
BERA	HZ	124	266	EP		20 1	16.550.460								1.0
BERA	HN	124	266	ES		20 1	32.77-.830								1.0
BERA	HZ	124	266	IAML		20 1	37.27			76	0.3				
THE	HZ	132	97	EP		20 1	18.61 1.24								1.0
THE	HE	132	97	ES		20 1	35.37-.560								1.0

THE	HZ	132	97	IAML	A	20	1	41.41		23	0.7						
THL	HZ	145	159	EP		20	1	19.630.050									1.0
THL	HN	145	159	ES		20	1	38.94-.990									1.0
SRN	HZ	157	230	EP		20	1	22.060.510									1.0
SRN	HN	157	230	ES		20	1	43.740.240									1.0
SRN	HZ	157	230	IAML		20	1	45.99		19	0.3						
VLO	HZ	166	258	EP		20	1	23.860.760									0.9
VLO	HN	166	258	ES		20	1	47.39 1.09									0.9
VLO	HZ	166	258	IAML		20	1	50.35		92	0.7						
IGT	HZ	167	214	EP		20	1	23.380.100									0.9
IGT	HN	167	214	ES		20	1	47.76 1.13									0.9
IGT	HZ	167	214	IAML		20	1	51.61		46	0.6						
KEK	HZ	182	230	EP		20	1	25.600.110									0.9
KEK	HE	182	230	ES		20	1	50.52-.100									0.9
KEK	HZ	182	230	IAML		20	1	53.52		47	1.0						
PUK	HZ	189	318	EP		20	1	26.27-.100									0.9
PUK	HE	189	318	ES		20	1	52.560.340									0.9
PUK	HZ	189	318	IAML	A	20	2	1.39		10	0.6						
BCI	HZ	208	328	EP		20	1	28.31-.510									0.9
BCI	HZ	208	328	IAML		20	2	2.45		20	0.8						
SDA	HZ	213	312	EP		20	1	28.36-.990									0.9

**January 15 2022 Hour: 20:26 47.2 Lat: 40.77N Lon: 21.37E D: 10.0F Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.6 secs**  
**35 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	48	214	EP		2026	55.770.020								1.0
NEST	HN	48	214	ES		2027	3.570.910								1.0
NEST	HZ	48	214	IAML		2027	5.02			82	0.2				
KBN	HZ	52	252	EP		2026	56.430.010								1.0
KBN	HN	52	252	ES		2027	4.190.310								1.0
KBN	HZ	52	252	IAML		2027	4.73			24	0.4				
LSK	HZ	95	224	EP		2027	3.12-1.02								1.0
LSK	HN	95	224	ES		2027	17.13-.730								1.0
SRN	HZ	152	230	EP		2027	14.900.870								1.0
SRN	HN	152	230	ES		2027	35.36-.400								1.0
SRN	HZ	152	230	IAML		2027	39.13			11	1.4				
IGT	HZ	163	213	EP		2027	15.930.080								0.9

**January 15 2022 Hour: 21:50 32.9 Lat: 40.84N Lon: 21.33E D: 10.0F Ag: TIR Local**  
**Magnitudes: 1.9ML TIR Rms: 0.4 secs**  
**36 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HN	52	243	ES		2150	49.28-.280								1.0
NEST	HZ	53	207	EP		2150	41.81-.480								1.0
NEST	HN	53	207	ES		2150	49.65-.260								1.0
NEST	HZ	53	207	IAML		2150	50.20			41	0.2				
LSK	HZ	98	219	EP		2150	50.10-.350								1.0
LSK	HN	98	219	ES		2151	5.210.540								1.0
IGT	HZ	168	211	EP		2151	2.990.680								0.9
KBN	HZ	52	243	EP		2150	42.310.220								1.0

**January 15 2022 Hour: 22:16 54.8 Lat: 40.80N Lon: 21.46E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR 2.5MW TIR Rms: 0.4 secs**  
**45 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	103	226	EP		2217	13.380.650								1.0
LSK	HN	103	226	ES		2217	27.660.440								1.0
PHP	HZ	130	319	EP		2217	17.26-.030								1.0
PHP	HN	130	319	ES		2217	35.18-.310								1.0
PHP	HZ	130	319	IAML		2217	40.80			7	0.3				
THL	HZ	145	161	EP		2217	19.820.120								1.0
THL	HN	145	161	ES		2217	39.32-.520								1.0
SRN	HZ	161	231	EP		2217	21.66-.670								0.9

SRN	HN	161	231	ES		2217	44.09-	.510									0.9
SRN	HZ	161	231	IAML		2217	50.82		11	0.7							
IGT	HZ	170	215	EP		2217	24.760.	.810									0.9
IGT	HN	170	215	ES		2217	47.38-	.150									0.9
IGT	HZ	170	215	IAML		2217	49.12		11	0.6							
KEK	HZ	186	230	EP		2217	25.79-	.140									0.9
PUK	HZ	190	317	EP		2217	26.970.	.390									0.9
PUK	HN	190	317	ES		2217	52.14-	.150									0.9

**January 15 2022 Hour: 23:32 4.2 Lat: 41.70N Lon: 19.80E D: 67.5 Ag: TIR Local**  
**Magnitudes: 1.4ML TIR Rms: 0.2 secs**  
**9 km SW of Reshen**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	39	11	EP		2332	16.100.	.040							1.0
PUK	HZ	39	11	IAML		2332	19.85			8	0.1				
BCI	HZ	78	16	EP		2332	19.55-	.040							1.0
NEST	HZ	177	143	EP		2332	31.880.	.280							0.9
KBN	HZ			EP		2332	32.15								

**January 15 2022 Hour: 23:45 0.8 Lat: 40.79N Lon: 21.29E D: 3.1 Ag: TIR Local**  
**Magnitudes: 1.6ML TIR 1.8MW TIR Rms: 0.5 secs**  
**31 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	46	247	EP		2345	9.260.	.130							1.0
KBN	HN	46	247	ES		2345	16.140.	.270							1.0
KBN	HZ	46	247	IAML		2345	18.88			10	0.2				
NEST	HZ	47	206	EP		2345	8.92-	.230							1.0
NEST	HN	47	206	ES		2345	16.370.	.450							1.0
NEST	HZ	47	206	IAML		2345	17.12			54	0.2				
LSK	HZ	92	220	EP		2345	16.33-	.970							1.0
LSK	HN	92	220	ES		2345	30.51-	.150							1.0
SRN	HZ	149	228	EP		2345	27.180.	.290							1.0
SRN	HN	149	228	ES		2345	47.58-	.430							1.0
IGT	HZ	162	211	EP		2345	29.780.	.760							0.9
IGT	HN	162	211	ES		2345	51.80-	.060							0.9

**January 16 2022 Hour: 0:43 52.9 Lat: 40.81N Lon: 21.38E D: 8.7 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR 2.2MW TIR Rms: 0.4 secs**  
**37 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	52	213	EP		044	2.35-	.070							1.0
NEST	HN	52	213	ES		044	10.100.	.010							1.0
NEST	HZ	52	213	IAML		044	10.75			93	0.2				
KBN	HZ	54	248	EP		044	2.66-	.150							1.0
KBN	HN	54	248	ES		044	11.020.	.220							1.0
KBN	HZ	54	248	IAML		044	11.36			31	0.2				
LSK	HZ	99	223	EP		044	9.58-	.770							1.0
LSK	HN	99	223	ES		044	24.24-	.200							1.0
PHP	HZ	125	321	EP		044	15.090.	.360							1.0
PHP	HN	125	321	ES		044	32.30-	.070							1.0
PHP	HZ	125	321	IAML		044	38.72			4	0.3				
SRN	HZ	156	229	EP		044	19.77-	.090							1.0
SRN	HN	156	229	ES		044	41.35-	.310							1.0
IGT	HZ	168	213	EP		044	22.190.	.430							0.9
IGT	HN	168	213	ES		044	45.830.	.740							0.9

**January 16 2022 Hour: 2:29 35.9 Lat: 41.07N Lon: 19.92E D: 10.0F Ag: TIR Local**  
**Magnitudes: 1.9ML TIR Rms: 0.5 secs**  
**7 km NW of Cerrik**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	108	359	EP		229	54.28-	.820							1.0
SDA	HZ	114	342	EP		229	55.87-	.360							1.0
BCI	HZ	144	5	EP		230	1.850.	.510							1.0
BCI	HN	144	5	ES		230	22.100.	.130							1.0



BCI HZ 144 5 IAML 230 43.35 9 1.4  
 PDG HZ 160 340 EP 230 4.630.630 1.0

**January 16 2022 Hour: 3:18 33.9 Lat: 40.84N Lon: 21.26E D: 8.8 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR 2.2MW TIR Rms: 0.5 secs**

**32 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	47	239	EP		318	42.20-	.260							1.0
KBN	HN	47	239	ES		318	49.760.	.360							1.0
KBN	HZ	47	239	IAML		318	52.01		14	0.2					
NEST	HZ	51	201	EP		318	44.000.	.880							1.0
NEST	HN	51	201	ES		318	49.85-	.750							1.0
NEST	HZ	51	201	IAML		318	53.22		125	0.2					
LSK	HZ	95	217	EP		318	50.870.	.190							1.0
LSK	HN	95	217	ES		319	3.65-	.630							1.0
LSK	HZ	95	217	IAML		319	8.31		15	0.5					
SRN	HZ	151	226	EP		318	59.37-	.600							1.0
SRN	HN	151	226	ES		319	21.200.	.100							1.0
IGT	HZ	166	209	EP		319	2.740.	.390							0.9
IGT	HN	166	209	ES		319	26.080.	.670							0.9
PUK	HZ	176	320	EP		319	3.45-	.610							0.9
PUK	HN	176	320	ES		319	28.800.	.300							0.9
PUK	HZ	176	320	IAML		319	34.50		2	0.4					

**January 16 2022 Hour: 3:29 29.6 Lat: 39.82N Lon: 21.09E D: 36.7 Ag: TIR Local**  
**Magnitudes: 1.5ML TIR Rms: 0.6 secs**

**67 km SE of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	73	244	EP		329	43.16-	.030							1.0
IGT	HN	73	244	ES		329	53.62-	.560							1.0
IGT	HZ	73	244	IAML		329	55.00		8	0.7					
SRN	HZ	94	274	EP		329	47.130.	.850							1.0
KEK	HZ	111	264	EP		329	48.940.	.300							1.0
SDA	HZ	281	332	EP		330	9.60-	.770							0.8

**January 16 2022 Hour: 13:10 2.9 Lat: 40.72N Lon: 19.34E D: 15.0F Ag: TIR Local**  
**Magnitudes: 1.7ML TIR 3.2MW TIR Rms: 0.2 secs**

**18 km W of Fier**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	142	40	IP	0A	1310	26.94-	.320							1.0
PHP	HZ	142	40	IAML	A	1310	40.43		7	1.1					
PUK	HZ	155	17	IP	0A	1310	29.580.	.230							1.0
PUK	HZ	155	17	IAML	A	1310	51.17		4	1.0					
IGT	HZ	156	147	IP	0A	1310	29.44-	.110							1.0
BCI	HZ	193	18	IP	4A	1310	27.24-	7.26							0.0

**January 16 2022 Hour: 14:22 27.7 Lat: 40.78N Lon: 21.44E D: 8.6 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR 2.7MW TIR Rms: 0.5 secs**

**41 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	52	219	IP		1422	37.220.	.080							1.0
NEST	HN	52	219	IS		1422	44.64-	.110							1.0
NEST	HZ	52	219	IAML		1422	45.61		119	0.4					
KBN	HZ	57	253	IP		1422	38.380.	.260							1.0
KBN	HN	57	253	IS		1422	45.78-	.740							1.0
KBN	HZ	57	253	IAML		1422	47.53		27	0.1					
LSK	HZ	99	226	IP		1422	45.790.	.570							1.0
LSK	HN	99	226	IS		1422	59.12-	.250							1.0
LSK	HZ	99	226	IAML		1423	4.89		18	0.8					
PHP	HZ	131	321	IP		1422	50.39-	.090							1.0
PHP	HN	131	321	IS		1423	8.48-	.420							1.0
PHP	HZ	131	321	IAML		1423	11.97		9	0.4					
THL	HZ	143	160	IP		1422	52.13-	.340							1.0
THL	HN	143	160	IS		1423	11.73-	.770							1.0

SRN	HZ	157	231	IP		1422	55.370.540										1.0
SRN	HN	157	231	IS		1423	16.49-.270										1.0
IGT	HZ	167	215	IP		1422	57.250.800										0.9
IGT	HN	167	215	IS		1423	20.470.770										0.9
IGT	HZ	167	215	IAML		1423	22.33		15	1.2							
KEK	HZ	182	230	IP		1422	59.100.390										0.9
KEK	HN	182	230	IS		1423	23.27-.510										0.9
PUK	HZ	191	318	IP		1422	59.83-.040										0.9
PUK	HN	191	318	IS		1423	26.120.230										0.9
PUK	HZ	191	318	IAML		1423	26.46		4	0.7							

**January 16 2022 Hour: 14:45 59.2 Lat: 40.62N Lon: 20.72E D: 11.8 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR 2.3MW TIR Rms: 0.8 secs**  
**5 km W of Korce**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	6	90	EP		1446	1.860.190								1.0
KBN	HN	6	90	ES		1446	3.720.060								1.0
KBN	HZ	6	90	IAML		1446	4.27			872	0.3				
NEST	HZ	36	130	EP		1446	6.340.310								1.0
NEST	HN	36	130	ES		1446	11.600.050								1.0
NEST	HZ	36	130	IAML	A	1446	13.20			172	0.3				
LSK	HZ	54	191	EP		1446	8.63-.300								1.0
LSK	HN	54	191	ES		1446	16.31-.490								1.0
LSK	HZ	54	191	IAML		1446	20.00			39	0.4				
BERA	HZ	66	278	EP		1446	10.09-.820								1.0
BERA	HN	66	278	ES		1446	19.44-.940								1.0
SRN	HZ	103	217	EP		1446	17.370.300								1.0
PHP	HZ	120	349	EP		1446	20.610.630								1.0
PHP	HN	120	349	ES		1446	36.950.140								1.0
PHP	HZ	120	349	IAML		1446	40.92			7	0.2				
IGT	HZ	126	195	EP		1446	20.79-.090								1.0
IGT	HE	126	195	ES		1446	39.390.960								1.0
KEK	HZ	128	218	EP		1446	22.92 1.63								1.0
THL	HZ	161	136	EP		1446	24.84-1.95								0.9
THL	HN	161	136	ES		1446	49.04-.090								0.9
PUK	HZ	172	337	EP		1446	28.910.370								0.9
PUK	HZ	172	337	IAML	A	1447	3.79			3	0.4				

**January 16 2022 Hour: 15: 7 22.0 Lat: 40.60N Lon: 20.67E D: 15.0F Ag: TIR Local**  
**Magnitudes: 1.8ML TIR Rms: 0.7 secs**  
**9 km W of Korce**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	10	78	EP		15 7	23.75-.090								1.0
KBN	HN	10	78	ES		15 7	25.410.080								1.0
KBN	HZ	10	78	IAML		15 7	26.26			494	0.2				
NEST	HZ	38	123	EP		15 7	28.27-.610								1.0
NEST	HN	38	123	ES		15 7	33.59-.850								1.0
NEST	HZ	38	123	IAML		15 7	35.15			74	0.2				
LSK	HZ	51	187	EP		15 7	30.98-.100								1.0
LSK	HN	51	187	ES		15 7	38.28-.150								1.0
LSK	HZ	51	187	IAML		15 7	42.11			18	0.4				
BERA	HZ	62	280	EP		15 7	32.68-.370								1.0
BERA	HN	62	280	ES		15 7	41.93-.070								1.0
IGT	HZ	122	194	EP		15 7	43.950.110								1.0
IGT	HZ	122	194	IAML		15 8	7.90			2	0.3				
KEK	HZ	124	217	EP		15 7	44.160.110								1.0
THL	HZ	163	135	EP		15 7	52.75 2.20								0.9

January 16 2022 Hour: 15:43 46.2 Lat: 40.78N Lon: 21.42E D: 11.1 Ag: TIR Local  
 Magnitudes: 1.8ML TIR 2.7MW TIR Rms: 0.6 secs  
 39 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	51	218	EP		1543	55.740	.270							1.0
NEST	HN	51	218	ES		1544	3.190	.250							1.0
NEST	HZ	51	218	IAML		1544	4.41			139	0.2				
KBN	HZ	56	253	EP		1543	56.630	.320							1.0
KBN	HN	56	253	ES		1544	3.95	-.510							1.0
KBN	HZ	56	253	IAML		1544	6.48			20	0.2				
LSK	HZ	98	225	EP		1544	3.02	-.350							1.0
LSK	HN	98	225	ES		1544	16.28	-.970							1.0
LSK	HZ	98	225	IAML		1544	18.18			17	0.5				
BERA	HE	124	267	ES		1544	25.570	.550							1.0
PHP	HZ	130	321	EP		1544	9.090	.430							1.0
PHP	HN	130	321	ES		1544	25.62	-1.21							1.0
PHP	HZ	130	321	IAML		1544	27.58			7	0.5				
THL	HZ	144	159	EP		1544	11.470	.590							1.0
THL	HN	144	159	ES		1544	29.93	-.920							1.0
SRN	HZ	156	231	EP		1544	12.91	-.060							1.0
SRN	HN	156	231	ES		1544	35.040	.420							1.0
SRN	HZ	156	231	IAML		1544	38.37			7	0.3				
IGT	HZ	166	214	EP		1544	15.590	.950							0.9
PUK	HZ	190	318	EP		1544	17.77	-.160							0.9
PUK	HE	190	318	ES		1544	44.160	.560							0.9
PUK	HZ	190	318	IAML	A	1544	45.72			3	0.7				

January 16 2022 Hour: 15:47 0.7 Lat: 40.76N Lon: 21.41E D: 11.1 Ag: TIR Local  
 Magnitudes: 2.5ML TIR 3.1MW TIR Rms: 0.7 secs  
 35 km E of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	49	219	EP		1547	9.600	.010							1.0
NEST	HE	49	219	ES		1547	16.870	.100							1.0
NEST	HZ	49	219	IAML	A	1547	17.88			708	0.6				
KBN	HZ	54	254	IP		1547	10.680	.150							1.0
KBN	HE	54	254	ES		1547	18.03	-.440							1.0
KBN	HZ	54	254	IAML	A	1547	19.66			140	0.6				
LSK	HZ	96	226	EP		1547	17.10	-.400							1.0
LSK	HN	96	226	ES		1547	29.94	-1.15							1.0
LSK	HZ	96	226	IAML	A	1547	42.71			99	0.6				
BERA	HZ	123	268	EP		1547	22.120	.170							1.0
BERA	HE	123	268	ES		1547	39.190	.040							1.0
PHP	HZ	131	322	IP	A	1547	23.640	.360							1.0
PHP	HN	131	322	ES		1547	40.02	-1.54							1.0
PHP	HZ	131	322	IAML	A	1547	41.19			38	0.5				
THE	HZ	133	96	EP		1547	23.740	.220							1.0
THL	HZ	142	158	EP		1547	24.70	-.430							1.0
THL	HE	142	158	ES		1547	43.83	-1.08							1.0
SRN	HZ	154	231	EP		1547	27.500	.390							1.0
SRN	HN	154	231	ES		1547	49.120	.640							1.0
SRN	HZ	154	231	IAML	A	1547	50.66			29	0.3				
IGT	HZ	164	214	EP		1547	29.670	.910							0.9
IGT	HE	164	214	ES		1547	52.100	.630							0.9
IGT	HZ	164	214	IAML	A	1547	52.94			39	0.6				
KEK	HZ	179	230	EP		1547	31.470	.510							0.9
KEK	HZ	179	230	IAML		1547	59.44			31	0.6				
PUK	HZ	191	319	IP		1547	31.82	-.680							0.9
PUK	HZ	191	319	IAML	A	1547	59.36			11	0.5				
BCI	HZ	211	328	EP		1547	36.37	1.35							0.9
BCI	HZ	211	328	IAML	A	1548	8.46			16	0.5				
SDA	HZ	214	313	EP		1547	36.140	.700							0.9

January 16 2022 Hour: 15:49 37.8 Lat: 41.43N Lon: 20.20E D: 16.0 Ag: TIR Local  
 Magnitudes: 1.9ML TIR Rms: 0.5 secs  
 7 km S of Bulqize

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	29	252	EP		1549	43.960	.260							1.0
TIR	HN	29	252	ES		1549	47.97-	.480							1.0
TIR	HZ	29	252	IAML		1549	50.21			54	0.2				
PHP	HZ	35	35	EP		1549	44.650	.070							1.0
PHP	HN	35	35	ES		1549	49.61-	.430							1.0
PHP	HZ	35	35	IAML		1549	51.14			91	0.5				
PUK	HZ	73	340	EP		1549	50.61-	.190							1.0
PUK	HN	73	340	ES		1550	1.360	.070							1.0
PUK	HZ	73	340	IAML		1550	3.84			15	0.3				
BERA	HN	83	195	ES		1550	4.02-	.300							1.0
SDA	HZ	90	320	EP		1549	53.730	.090							1.0
SDA	HN	90	320	ES		1550	6.450	.020							1.0
SDA	HZ	90	320	IAML		1550	9.54			16	0.2				
KBN	HZ	102	151	EP		1549	55.670	.030							1.0
KBN	HN	102	151	ES		1550	11.09	1.03							1.0
KBN	HZ	102	151	IAML		1550	13.38			12	0.7				
BCI	HZ	105	354	EP		1549	56.150	.080							1.0
BCI	HN	105	354	ES		1550	10.41-	.430							1.0
BCI	HZ	105	354	IAML		1550	19.93			17	0.6				
NEST	HZ	133	147	EP		1550	1.340	.480							1.0
NEST	HN	133	147	ES		1550	18.98-	.520							1.0
NEST	HZ	133	147	IAML		1550	25.37			13	0.6				
PDG	HZ	136	325	EP		1550	0.71-	.490							1.0
PDG	HN	136	325	ES		1550	21.39	1.27							1.0
PDG	HZ	136	325	IAML		1550	26.23			12	0.5				
IGT	HZ	211	177	EP		1550	10.98-	.620							0.9

January 16 2022 Hour: 15:54 58.8 Lat: 39.44N Lon: 20.90E D: 15.0F Ag: TIR Local  
 Magnitudes: 2.4ML TIR Rms: 0.5 secs  
 67 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	50	282	EP		1555	6.96-	.960							1.0
IGT	HN	50	282	ES		1555	14.34-	1.00							1.0
IGT	HZ	50	282	IAML		1555	15.02			112	0.4				
LKD2	HZ	75	197	EP		1555	11.59-	.420							1.0
LKD2	HN	75	197	ES		1555	23.560	.810							1.0
LSK	HZ	83	342	EP		1555	12.88-	.570							1.0
LSK	HN	83	342	ES		1555	25.590	.240							1.0
LSK	HZ	83	342	IAML		1555	29.35			69	0.6				
SRN	HZ	92	303	EP		1555	14.890	.110							1.0
SRN	HE	92	303	ES		1555	28.270	.500							1.0
SRN	HZ	92	303	IAML		1555	37.35			22	0.6				
THL	HZ	97	81	EP		1555	15.52-	.070							1.0
THL	HN	97	81	ES		1555	29.300	.070							1.0
KEK	HZ	100	288	EP		1555	16.09-	.030							1.0
KEK	HE	100	288	ES		1555	31.100	.910							1.0
KEK	HZ	100	288	IAML		1555	34.24			60	0.5				
NEST	HZ	109	6	EP		1555	17.28-	.490							1.0
NEST	HN	109	6	ES		1555	33.560	.390							1.0
NEST	HZ	109	6	IAML		1555	35.59			22	0.4				
KBN	HZ	132	356	EP		1555	21.880	.320							1.0
BERA	HZ	162	330	EP		1555	26.650	.250							0.9

**January 16 2022 Hour: 17:0 11.7 Lat: 41.42N Lon: 20.21E D: 11.1 Ag: TIR Local**  
**Magnitudes: 1.6ML TIR Rms: 0.7 secs**  
**7 km S of Bulqize**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	30	254	EP		17	0	18.280.810							1.0
TIR	HN	30	254	ES		17	0	21.48-.650							1.0
TIR	HZ	30	254	IAML		17	0	24.28		23	0.3				
PHP	HZ	35	33	EP		17	0	18.580.290							1.0
PHP	HN	35	33	ES		17	0	23.09-.520							1.0
PHP	HZ	35	33	IAML		17	0	23.99		33	0.3				
PUK	HZ	74	339	EP		17	0	24.50-.310							1.0
PUK	HE	74	339	ES		17	0	36.310.890							1.0
PUK	HZ	74	339	IAML		17	0	40.82		6	0.2				
SDA	HZ	92	320	EP		17	0	27.750.050							1.0
SDA	HN	92	320	ES		17	0	41.310.670							1.0
SDA	HZ	92	320	IAML		17	0	43.44		9	0.2				
NEST	HZ	132	148	EP		17	0	35.54 1.04							1.0
NEST	HE	132	148	ES		17	0	52.17-.790							1.0
PDG	HZ	137	325	EP		17	0	35.420.150							1.0
PDG	HN	137	325	ES		17	0	52.74-1.61							1.0
PDG	HZ	137	325	IAML		17	0	58.03		5	0.1				
IGT	HZ	210	177	EP		17	0	45.78-.110							0.9

**January 16 2022 Hour: 17:25 55.8 Lat: 41.43N Lon: 20.22E D: 13.7 Ag: TIR Local**  
**Magnitudes: 1.1ML TIR Rms: 0.2 secs**  
**6 km S of Bulqize**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	31	253	EP		1726		1.960.190							1.0
TIR	HN	31	253	ES		1726		6.55-.060							1.0
PHP	HZ	34	33	EP		1726		2.23-.010							1.0
PHP	HN	34	33	ES		1726		7.39-.070							1.0
PHP	HZ	34	33	IAML		1726		9.84		12	0.3				
PUK	HZ	73	338	EP		1726		8.770.020							1.0
PUK	HN	73	338	ES		1726		19.560.320							1.0
PUK	HZ	73	338	IAML		1726		22.69		3	0.2				
SDA	HZ	91	319	EP		1726		11.52-.170							1.0
SDA	HN	91	319	ES		1726		24.34-.210							1.0
SDA	HZ	91	319	IAML		1726		26.01		3	0.1				

**January 16 2022 Hour: 20:30 29.9 Lat: 41.19N Lon: 19.94E D: 18.2 Ag: TIR Local**  
**Magnitudes: 1.3ML TIR 1.9MW TIR Rms: 0.6 secs**  
**14 km NW of Elbasan**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	19	339	EP		2030		34.970.530							1.0
TIR	HN	19	339	ES		2030		38.440.300							1.0
TIR	HZ	19	339	IAML	A	2030		38.90		34	0.2				
BERA	HZ	54	180	EP		2030		39.42-.360							1.0
BERA	HE	54	180	ES		2030		47.32-.480							1.0
BERA	HZ	54	180	IAML		2030		49.51		20	0.2				
PHP	HZ	69	37	EP		2030		42.650.460							1.0
PHP	HN	69	37	ES		2030		50.85-1.31							1.0
PHP	HZ	69	37	IAML		2030		52.34		4	0.1				
PUK	HZ	95	357	EP		2030		46.19-.310							1.0
PUK	HE	95	357	ES		2031		0.220.270							1.0
PUK	HZ	95	357	IAML	A	2031		4.64		3	0.4				
NEST	HZ	127	132	EP		2030		52.290.440							1.0
NEST	HN	127	132	ES		2031		10.590.950							1.0
SRN	HN	146	178	ES		2031		14.36-.460							1.0

January 16 2022 Hour: 21:42 48.5 Lat: 39.93N Lon: 19.80E D: 0.8 Ag: TIR Local  
 Magnitudes: 1.5ML TIR Rms: 0.4 secs  
 18 km W of Sarande

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	18	107	EP		2142	51.52	-.210							1.0
SRN	HN	18	107	ES		2142	54.390	.050							1.0
SRN	HZ	18	107	IAML		2142	55.94			44	0.2				
KEK	HZ	24	180	EP		2142	52.71	-.060							1.0
KEK	HN	24	180	ES		2142	56.820	.580							1.0
KEK	HZ	24	180	IAML		2142	58.89			45	0.2				
IGT	HZ	63	134	EP		2142	59.07	-.760							1.0
IGT	HN	63	134	ES		2143	8.97	-.040							1.0
IGT	HZ	63	134	IAML		2143	11.79			6	0.4				
LSK	HZ	73	70	EP		2143	1.25	-.210							1.0
LSK	HN	73	70	ES		2143	12.000	.050							1.0
LSK	HZ	73	70	IAML		2143	18.56			9	0.8				
NEST	HZ	119	63	EP		2143	9.990	.170							1.0
NEST	HN	119	63	ES		2143	27.520	.430							1.0
NEST	HZ	119	63	IAML		2143	30.49			4	0.5				

January 16 2022 Hour: 21:46 44.3 Lat: 38.64N Lon: 20.61E D: 1.2 Ag: TIR Local  
 Magnitudes: 3.6ML TIR 3.8MW TIR Rms: 0.7 secs  
 119 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	102	347	IP	A	2147	2.42	-.130							1.0
IGT	HN	102	347	ES		2147	17.590	.250							1.0
IGT	HZ	102	347	IAML	A	2147	21.58			2011	0.4				
KEK	HZ	138	330	EP		2147	9.300	.590							1.0
KEK	HN	138	330	ES		2147	28.500	.020							1.0
KEK	HZ	138	330	IAML	A	2147	32.49			1042	0.4				
SRN	HZ	148	339	EP		2147	10.550	.320							1.0
SRN	HE	148	339	ES		2147	31.16	-.080							1.0
SRN	HZ	148	339	IAML	A	2147	37.21			404	0.7				
THL	HZ	160	49	IP		2147	12.18	-.050							1.0
THL	HE	160	49	IS		2147	34.57	-.280							1.0
LSK	HZ	168	360	EP		2147	13.810	.120							0.9
LSK	HN	168	360	ES		2147	37.570	.070							0.9
LSK	HZ	168	360	IAML		2147	48.40			408	1.8				
ITM	HZ	199	144	EP		2147	18.730	.400							0.9
ITM	HE	199	144	ES		2147	46.430	.540							0.9
NEST	HZ	201	11	EP		2147	19.85	1.20							0.9
NEST	HN	201	11	ES		2147	46.790	.310							0.9
NEST	HZ	201	11	IAML	A	2147	53.22			250	0.7				
KBN	HZ	221	4	EP		2147	21.760	.560							0.9
KBN	HE	221	4	ES		2147	50.90	-.190							0.9
KBN	HZ	221	4	IAML	A	2148	0.51			170	0.7				
VLO	HZ	225	335	EP		2147	22.200	.640							0.9
VLO	HE	225	335	ES		2147	51.970	.220							0.9
VLO	HZ	225	335	IAML	A	2148	5.95			325	0.5				
BERA	HZ	236	346	EP		2147	22.42	-.620							0.9
BERA	HE	236	346	ES		2147	55.260	.830							0.9
BERA	HZ	236	346	IAML		2148	3.12			262	0.8				
BPA2	HZ	247	340	EP		2147	24.550	.080							0.9
THE	HZ	300	42	EP		2147	31.240	.000							0.8
THE	HN	300	42	ES		2148	8.22	-1.04							0.8
THE	HZ	300	42	IAML	A	2148	24.07			41	0.8				
TIR	HZ	308	348	EP		2147	31.99	-.220							0.8
PHP	HZ	339	358	EP		2147	35.71	-.550							0.8
PHP	HZ	339	358	IAML		2148	13.14			38	0.5				
TIP	HZ	339	281	EP		2147	34.45	-1.88							0.8
PUK	HZ	383	351	EP		2147	40.25	-1.72							0.8
PUK	HZ	383	351	IAML		2148	24.39			35	0.2				
SDA	HZ	391	346	EP		2147	40.80	-2.02							0.4

SDA	HZ	391	346	IAML	A	2148	55.66			22	0.6									
BCI	HZ	417	354	EP		2147	45.49-	.750												0.7
BCI	HZ	417	354	IAML	A	2148	32.62			92	0.4									

**January 16 2022 Hour: 22:19 1.2 Lat: 40.48N Lon: 21.43E D: 16.8 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR Rms: 0.8 secs**

**40 km SE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	33	257	EP		2219	8.140	.440							1.0
NEST	HN	33	257	ES		2219	12.36-	.640							1.0
NEST	HZ	33	257	IAML		2219	12.80			416	0.1				
KBN	HZ	56	286	IP		2219	11.970	.560							1.0
KBN	HN	56	286	IS		2219	20.400	.680							1.0
KBN	HZ	56	286	IAML		2219	21.73			168	0.5				
LSK	HZ	80	243	EP		2219	15.11-	.140							1.0
LSK	HN	80	243	ES		2219	25.30-	1.36							1.0
LSK	HZ	80	243	IAML		2219	31.91			61	0.7				
THL	HZ	114	154	EP		2219	20.41-	.440							1.0
THL	HN	114	154	ES		2219	36.71-	.090							1.0
BERA	HZ	127	281	EP		2219	23.510	.370							1.0
BERA	HN	127	281	ES		2219	41.230	.290							1.0
BERA	HZ	127	281	IAML		2219	45.85			35	0.2				
SRN	HZ	139	242	EP		2219	26.97	1.99							1.0
SRN	HE	139	242	ES		2219	44.09-	.190							1.0
SRN	HZ	139	242	IAML		2219	47.83			21	0.8				
PHP	HZ	157	328	EP		2219	27.72-	.200							1.0
PHP	HN	157	328	ES		2219	48.31-	1.28							1.0
PHP	HZ	157	328	IAML		2219	54.02			20	0.6				

**January 16 2022 Hour: 22:42 54.7 Lat: 40.78N Lon: 19.48E D: 20.9 Ag: TIR Local**  
**Magnitudes: 1.6ML TIR Rms: 0.7 secs**

**8 km NW of Fier**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BPA2	HZ	13	117	IP	A	2242	59.170	.220							1.0
VLO	HZ	35	178	EP		2243	2.240	.510							1.0
VLO	HE	35	178	ES		2243	7.720	.300							1.0
VLO	HZ	35	178	IAML		2243	8.23			38	0.1				
BERA	HZ	40	103	EP		2243	1.85-	.710							1.0
BERA	HE	40	103	ES		2243	8.40-	.520							1.0
SRN	HZ	109	156	EP		2243	13.890	.210							1.0
SRN	HN	109	156	ES		2243	29.440	.380							1.0
SRN	HZ	109	156	IAML		2243	31.11			5	0.5				
LSK	HZ	118	126	EP		2243	15.550	.460							1.0
LSK	HN	118	126	ES		2243	32.080	.480							1.0
LSK	HZ	118	126	IAML		2243	39.19			7	1.5				
KEK	HZ	122	167	EP		2243	15.51-	.130							1.0
KEK	HN	122	167	ES		2243	30.82-	1.78							1.0
KEK	HZ	122	167	IAML		2243	35.71			14	0.9				
PHP	HZ	128	38	EP		2243	17.560	.830							1.0
PHP	HN	128	38	ES		2243	33.94-	.630							1.0
PHP	HZ	128	38	IAML		2243	37.40			2	0.8				
NEST	HZ	139	107	EP		2243	19.110	.730							1.0
NEST	HE	139	107	ES		2243	37.560	.000							1.0
NEST	HZ	139	107	IAML		2243	41.94			4	0.5				
SDA	HZ	141	1	EP		2243	17.62-	1.00							1.0
SDA	HN	141	1	ES		2243	37.00-	1.00							1.0
SDA	HZ	141	1	IAML		2243	41.02			3	0.2				
PUK	HZ	144	14	EP		2243	19.710	.490							1.0
PUK	HE	144	14	ES		2243	38.87-	.210							1.0
PUK	HZ	144	14	IAML		2243	42.73			3	0.6				
IGT	HZ	157	152	EP		2243	21.010	.030							1.0
IGT	HE	157	152	ES		2243	41.93-	.330							1.0
IGT	HZ	157	152	IAML		2243	49.21			10	1.0				
BCI	HZ	183	15	EP		2243	25.250	.910							0.9

BCI HN 183 15 ES 2243 49.240.880 0.9  
 BCI HZ 183 15 IAML 2243 52.77 3 0.7

**January 16 2022 Hour: 23:10 15.5 Lat: 40.78N Lon: 21.41E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR 2.7MW TIR Rms: 0.7 secs**

**39 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	51	218	EP		2310	24.920	.280							1.0
NEST	HN	51	218	ES		2310	31.84-	.240							1.0
NEST	HZ	51	218	IAML	A	2310	33.22		293	0.2					
KBN	HZ	56	253	EP		2310	25.26-	.200							1.0
KBN	HN	56	253	ES		2310	33.19-	.370							1.0
KBN	HZ	56	253	IAML	A	2310	35.78		30	0.3					
LSK	HZ	98	225	EP		2310	32.31-	.230							1.0
LSK	HN	98	225	ES		2310	45.22-	1.16							1.0
LSK	HZ	98	225	IAML		2310	52.27		33	0.7					
BERA	HZ	124	267	EP		2310	37.91	1.10							1.0
BERA	HE	124	267	ES		2310	54.820	.700							1.0
BERA	HZ	124	267	IAML		2310	58.66		35	0.4					
PHP	HZ	130	321	EP		2310	37.59-	.250							1.0
PHP	HN	130	321	ES		2310	54.46-	1.50							1.0
PHP	HZ	130	321	IAML	A	2310	56.51		14	0.5					
THE	HZ	132	96	EP		2310	38.850	.680							1.0
THL	HZ	144	159	EP		2310	39.87-	.260							1.0
THL	HN	144	159	ES		2310	59.02-	1.09							1.0
SRN	HZ	156	231	EP		2310	42.170	.040							1.0
SRN	HN	156	231	ES		2311	4.200	.460							1.0
SRN	HZ	156	231	IAML		2311	5.12		12	0.4					
IGT	HZ	166	214	EP		2310	44.230	.410							0.9
IGT	HN	166	214	ES		2311	7.150	.360							0.9
IGT	HZ	166	214	IAML		2311	9.29		14	1.6					
KEK	HZ	181	230	EP		2310	47.94	2.02							0.9
KEK	HE	181	230	ES		2311	10.05-	.550							0.9
KEK	HZ	181	230	IAML		2311	14.73		23	0.7					
PUK	HZ	190	318	EP		2310	47.270	.160							0.9
PUK	HE	190	318	ES		2311	12.870	.120							0.9
PUK	HZ	190	318	IAML	A	2311	14.65		5	0.6					
BCI	HZ	209	328	EP		2310	49.13-	.450							0.9
BCI	HZ	209	328	IAML		2311	30.28		13	2.0					
SDA	HZ	214	312	EP		2310	49.88-	.190							0.9
SDA	HN	214	312	ES		2311	18.500	.400							0.9
SDA	HZ	214	312	IAML		2311	26.30		3	0.6					

**January 16 2022 Hour: 23:36 12.6 Lat: 40.60N Lon: 20.86E D: 7.3 Ag: TIR Local**  
**Magnitudes: 1.3ML TIR Rms: 0.3 secs**

**7 km E of Korce**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	7	294	IP		2336	14.48-	.040							1.0
KBN	HN	7	294	IS		2336	16.280	.210							1.0
KBN	HZ	7	294	IAML		2336	17.58		65	0.2					
NEST	HZ	26	142	EP		2336	17.24-	.190							1.0
NEST	HN	26	142	ES		2336	21.28-	.060							1.0
NEST	HZ	26	142	IAML		2336	21.76		22	0.3					
LSK	HZ	55	204	EP		2336	22.13-	.330							1.0
LSK	HN	55	204	ES		2336	30.37-	.070							1.0
LSK	HZ	55	204	IAML		2336	33.19		4	0.6					
BERA	HE	78	279	ES		2336	37.63-	.270							1.0
IGT	HZ	127	201	EP		2336	35.450	.780							1.0



January 17 2022 Hour: 1:27 18.3 Lat: 40.78N Lon: 21.38E D: 11.1 Ag: TIR Local  
 Magnitudes: 2.3ML TIR 3.0MW TIR Rms: 0.6 secs  
 37 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	50	215	EP		127	27.930	.540							1.0
NEST	HN	50	215	ES		127	34.47-	.260							1.0
NEST	HZ	50	215	IAML	A	127	36.09			240	0.1				
KBN	HZ	53	251	EP		127	28.200	.230							1.0
KBN	HN	53	251	ES		127	36.220	.440							1.0
KBN	HZ	53	251	IAML		127	37.46			48	0.3				
LSK	HZ	97	224	EP		127	34.56-	.670							1.0
LSK	HN	97	224	ES		127	48.76-	.150							1.0
LSK	HZ	97	224	IAML		127	56.09			43	0.7				
BERA	HZ	121	266	EP		127	39.810	.540							1.0
PHP	HZ	127	322	EP		127	39.64-	.670							1.0
PHP	HN	127	322	ES		127	57.13-	.990							1.0
PHP	HZ	127	322	IAML	A	127	58.97			25	0.8				
THE	HZ	135	97	EP		127	41.850	.360							1.0
THE	HZ	135	97	IAML		128	6.29			5	0.2				
THL	HZ	146	158	EP		127	43.480	.170							1.0
THL	HN	146	158	ES		128	2.40-	1.14							1.0
SRN	HZ	154	230	EP		127	44.69-	.080							1.0
SRN	HN	154	230	ES		128	5.19-	1.01							1.0
SRN	HZ	154	230	IAML		128	14.61			16	0.5				
IGT	HZ	165	213	EP		127	47.380	.790							0.9
IGT	HE	165	213	ES		128	10.230	.750							0.9
IGT	HZ	165	213	IAML	A	128	10.86			19	0.7				
KEK	HZ	180	229	EP		127	48.860	.240							0.9
KEK	HN	180	229	ES		128	13.05-	.110							0.9
KEK	HZ	180	229	IAML		128	16.58			19	0.5				
PUK	HZ	187	319	EP		127	49.50-	.170							0.9
PUK	HN	187	319	ES		128	14.59-	.460							0.9
PUK	HZ	187	319	IAML	A	128	17.91			8	0.8				
BCI	HZ	207	328	EP		127	52.900	.730							0.9
BCI	HZ	207	328	IAML	A	128	31.95			14	0.9				
SDA	HZ	211	312	EP		127	53.350	.740							0.9
SDA	HN	211	312	ES		128	20.780	.400							0.9
SDA	HZ	211	312	IAML		128	24.52			7	1.1				

January 17 2022 Hour: 1:38 0.7 Lat: 42.46N Lon: 18.55E D: 3.6 Ag: TIR Local  
 Magnitudes: 1.5ML TIR Rms: 0.4 secs  
 78 km W of Koplík

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PDG	HZ	58	93	EP		138	11.530	.410							1.0
PDG	HE	58	93	ES		138	19.30-	.280							1.0
PDG	HZ	58	93	IAML		138	20.79			18	0.1				
SDA	HZ	91	120	EP		138	16.67-	.190							1.0
SDA	HN	91	120	ES		138	30.100	.140							1.0
SDA	HZ	91	120	IAML		138	32.94			5	0.4				
PUK	HZ	120	112	EP		138	22.280	.370							1.0
PUK	HN	120	112	ES		138	39.770	.670							1.0
PUK	HZ	120	112	IAML		138	42.25			4	0.1				
BCI	HZ	125	94	EP		138	22.810	.060							1.0
BCI	HN	125	94	ES		138	40.41-	.200							1.0
BCI	HZ	125	94	IAML		138	44.03			12	0.9				
PHP	HZ	178	118	EP		138	30.95-	.700							0.9
PHP	HN	178	118	ES		138	56.32-	.410							0.9
PHP	HZ	178	118	IAML		139	0.26			2	0.5				

January 17 2022 Hour: 4:27 7.1 Lat: 39.35N Lon: 20.57E D: 8.9 Ag: TIR Local  
 Magnitudes: 2.2ML TIR 3.0MW TIR Rms: 0.5 secs

51 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	29	315	EP		427	12.820	.220							1.0
IGT	HN	29	315	ES		427	17.01	-.020							1.0
IGT	HZ	29	315	IAML		427	18.18			117	0.1				
LKD2	HZ	62	173	EP		427	18.510	.140							1.0
LKD2	HN	62	173	ES		427	28.190	.720							1.0
SRN	HZ	77	321	EP		427	20.47	-.340							1.0
SRN	HE	77	321	ES		427	31.08	-.800							1.0
SRN	HZ	77	321	IAML		427	36.58			17	0.4				
KEK	HZ	78	302	EP		427	20.80	-.180							1.0
KEK	HN	78	302	ES		427	32.20	-.000							1.0
KEK	HZ	78	302	IAML		427	36.80			60	0.3				
LSK	HZ	89	2	EP		427	22.960	.030							1.0
LSK	HN	89	2	ES		427	36.490	.760							1.0
LSK	HZ	89	2	IAML	A	427	40.89			45	0.5				
NEST	HZ	126	19	EP		427	28.94	-.040							1.0
NEST	HN	126	19	ES		427	47.050	.380							1.0
NEST	HZ	126	19	IAML		427	52.68			18	0.8				
THL	HZ	127	78	EP		427	28.86	-.230							1.0
THL	HN	127	78	ES		427	45.90	-.970							1.0
KBN	HZ	143	7	EP		427	31.72	-.170							1.0
KBN	HN	143	7	ES		427	52.920	.980							1.0
PHP	HZ	260	358	EP		427	48.150	.100							0.9
PHP	HZ	260	358	IAML		428	31.70			5	0.9				
PUK	HZ	305	349	EP		427	53.06	-.790							0.8

January 17 2022 Hour: 4:56 22.9 Lat: 40.79N Lon: 21.42E D: 11.1 Ag: TIR Local  
 Magnitudes: 1.5ML TIR Rms: 0.5 secs

40 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	52	217	IP		456	32.940	.600							1.0
NEST	HN	52	217	IS		456	39.86	-.140							1.0
NEST	HZ	52	217	IAML		456	41.16			47	0.2				
KBN	HZ	56	251	EP		456	33.630	.630							1.0
KBN	HN	56	251	ES		456	40.80	-.410							1.0
KBN	HZ	56	251	IAML		456	43.32			7	0.1				
LSK	HZ	99	224	EP		456	39.38	-.830							1.0
LSK	HN	99	224	ES		456	53.93	-.320							1.0
LSK	HZ	99	224	IAML		456	58.15			6	0.4				
PHP	HZ	128	321	EP		456	45.570	.550							1.0
PHP	HN	128	321	ES		457	2.28	-.680							1.0
PHP	HZ	128	321	IAML		457	6.55			4	0.8				
THL	HZ	146	159	EP		456	47.930	.090							1.0
THL	HN	146	159	ES		457	7.61	-.450							1.0
SRN	HZ	157	230	EP		456	50.190	.410							1.0
SRN	HN	157	230	ES		457	12.180	.610							1.0
SRN	HZ	157	230	IAML		457	15.13			3	0.4				

January 17 2022 Hour: 6: 9 33.5 Lat: 40.80N Lon: 21.43E D: 11.1 Ag: TIR Local  
 Magnitudes: 1.5ML TIR 2.0MW TIR Rms: 0.6 secs

41 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	53	217	EP		6 9	43.640	.530							1.0
NEST	HN	53	217	ES		6 9	50.53	-.360							1.0
NEST	HZ	53	217	IAML		6 9	51.83			40	0.4				
KBN	HZ	57	251	EP		6 9	44.250	.450							1.0
KBN	HN	57	251	ES		6 9	52.240	.100							1.0
KBN	HZ	57	251	IAML		6 9	54.88			10	0.3				
LSK	HZ	100	225	EP		6 9	51.310	.320							1.0
LSK	HN	100	225	ES		610	4.54	-.610							1.0

LSK	HZ	100	225	IAML	610	6.58			3	0.2					
PHP	HZ	129	320	EP	6	9	56.010.310								1.0
PHP	HN	129	320	ES	610	12.73-.950									1.0
PHP	HZ	129	320	IAML	610	15.73			5	0.7					
THL	HZ	146	160	EP	6	9	59.250.770								1.0
THL	HE	146	160	ES	610	17.65-1.06									1.0
SRN	HZ	158	230	EP	610	0.780.210									0.9
SRN	HN	158	230	ES	610	22.770.290									0.9

**January 17 2022 Hour: 7:18 40.8 Lat: 39.52N Lon: 20.52E D: 0.9 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR Rms: 0.2 secs**  
**32 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	16	274	EP		718	43.54-.150								1.0
IGT	HN	16	274	ES		718	46.060.050								1.0
IGT	HZ	16	274	IAML		718	46.91			272	0.2				
SRN	HE	60	312	ES		718	59.79-.280								1.0
KEK	HZ	65	289	EP		718	52.510.020								1.0
KEK	HN	65	289	ES		719	2.220.290								1.0
KEK	HZ	65	289	IAML		719	6.82			17	0.3				
NEST	HZ	109	24	EP		719	0.23-.060								1.0
NEST	HN	109	24	ES		719	16.180.130								1.0

**January 17 2022 Hour: 7:50 32.8 Lat: 42.71N Lon: 18.62E D: 5.0F Ag: TIR Local**  
**Magnitudes: 1.8ML TIR Rms: 0.2 secs**  
**87 km NW of Koplak**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PDG	HZ	61	120	EP		750	43.920.210								1.0
PDG	HE	61	120	ES		750	52.740.150								1.0
PDG	HZ	61	120	IAML		750	55.22			10	0.2				
SDA	HZ	103	135	EP		750	50.95-.070								1.0
SDA	HN	103	135	ES		751	5.62-.190								1.0
BCI	HZ	125	107	EP		750	54.850.150								1.0
BCI	HE	125	107	ES		751	12.18-.300								1.0
BCI	HZ	125	107	IAML		751	14.66			9	0.3				
PUK	HZ	128	125	EP		750	55.08-.220								1.0
PUK	HE	128	125	ES		751	13.820.260								1.0
PUK	HZ	128	125	IAML		751	16.64			8	0.2				

**January 17 2022 Hour: 11:13 54.7 Lat: 40.65N Lon: 21.33E D: 20.4 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR Rms: 0.2 secs**  
**28 km E of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	35	223	EP		1114	2.260.400								1.0
NEST	HE	35	223	ES		1114	7.790.160								1.0
NEST	HZ	35	223	IAML		1114	10.59			99	0.2				
KBN	HZ	46	267	EP		1114	3.09-.400								1.0
KBN	HN	46	267	ES		1114	10.52-.060								1.0
KBN	HZ	46	267	IAML		1114	11.47			40	0.3				
LSK	HZ	83	229	EP		1114	9.630.140								1.0
LSK	HN	83	229	ES		1114	21.14-.290								1.0
LSK	HZ	83	229	IAML		1114	28.82			13	0.4				
BERA	HN	117	273	ES		1114	31.570.280								1.0
THL	HZ	134	154	EP		1114	17.52-.040								1.0
THL	HN	134	154	ES		1114	36.04-.000								1.0
SRN	HZ	142	233	EP		1114	18.61-.200								1.0

**January 17 2022 Hour: 18:25 59.7 Lat: 40.87N Lon: 21.32E D: 12.5 Ag: TIR Local**  
**Magnitudes: 2.5ML TIR Rms: 0.5 secs**  
**36 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	53	240	IP		1826	10.010.780								1.0
KBN	HN	53	240	IS		1826	16.28-.680								1.0
KBN	HZ	53	240	IAML		1826	16.67			134	0.3				

NEST	HZ	55	205	IP	1826	9.860.190												1.0
NEST	HN	55	205	IS	1826	17.60-.150												1.0
NEST	HZ	55	205	IAML	1826	18.79			479	0.4								
LSK	HZ	100	218	IP	1826	17.19-.010												1.0
LSK	HN	100	218	IS	1826	30.55-.830												1.0
LSK	HZ	100	218	IAML	1826	35.55			115	0.5								
PHP	HZ	117	321	IP	1826	19.28-.710												1.0
PHP	HN	117	321	IS	1826	36.19-.240												1.0
PHP	HZ	117	321	IAML	1826	38.85			40	0.2								
BERA	HZ	117	262	IP	1826	20.550.570												1.0
BERA	HN	117	262	IS	1826	37.100.700												1.0
SRN	HZ	157	226	IP	1826	27.020.480												1.0
SRN	HN	157	226	IS	1826	48.310.030												1.0
SRN	HZ	157	226	IAML	1826	52.01			26	0.3								
PUK	HZ	177	318	IP	1826	29.58-.020												0.9
PUK	HN	177	318	IS	1826	53.78-.040												0.9

**January 18 2022 Hour: 10:40 45.3 Lat: 42.24N Lon: 19.62E D: 22.7 Ag: TIR Local**  
**Magnitudes: 1.6ML TIR Rms: 0.1 secs**  
**9 km E of Koplik**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SDA	HZ	24	204	EP		1040	51.130.170								1.0
SDA	HN	24	204	ES		1040	55.43-.130								1.0
SDA	HZ	24	204	IAML		1040	56.21			39	0.1				
PUK	HZ	32	135	EP		1040	52.220.080								1.0
PUK	HN	32	135	ES		1040	57.68-.000								1.0
PUK	HZ	32	135	IAML		1040	58.76			16	0.1				
PDG	HZ	36	305	EP		1040	52.44-.180								1.0
PDG	HN	36	305	ES		1040	58.680.120								1.0
PDG	HZ	36	305	IAML		1040	59.37			32	0.2				
BCI	HZ	39	70	EP		1040	53.10-.070								1.0
BCI	HE	39	70	ES		1040	59.570.020								1.0
BCI	HZ	39	70	IAML		1041	2.22			18	0.3				

**January 18 2022 Hour: 10:53 14.5 Lat: 41.22N Lon: 20.47E D: 15.0F Ag: TIR Local**  
**Magnitudes: 1.6ML TIR Rms: 0.9 secs**  
**14 km E of Librazhd**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	52	357	EP		1053	25.41 1.55								1.0
PHP	HN	52	357	ES		1053	30.24-1.23								1.0
PHP	HZ	52	357	IAML		1053	30.60			21	0.1				
TIR	HZ	53	286	EP		1053	24.360.320								1.0
TIR	HN	53	286	ES		1053	31.51-.290								1.0
TIR	HZ	53	286	IAML		1053	33.17			17	0.2				
NEST	HZ	102	151	EP		1053	32.900.650								1.0
NEST	HN	102	151	ES		1053	45.79-.860								1.0
PUK	HZ	103	332	EP		1053	31.66-.790								1.0
BCI	HZ	132	345	EP		1053	37.820.670								1.0

**January 18 2022 Hour: 13:56 32.3 Lat: 40.89N Lon: 21.34E D: 5.9 Ag: TIR Local**  
**Magnitudes: 2.5ML TIR Rms: 0.4 secs**  
**38 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	55	238	EP		1356	41.74-.450								1.0
KBN	HN	55	238	ES		1356	49.97-.240								1.0
KBN	HZ	55	238	IAML		1356	52.76			806	0.3				
NEST	HZ	58	205	EP		1356	43.390.670								1.0
NEST	HN	58	205	ES		1356	51.13-.040								1.0
NEST	HZ	58	205	IAML		1356	53.18			132	0.3				
LSK	HZ	103	218	EP		1356	50.980.400								1.0
LSK	HN	103	218	ES		1357	4.98-.410								1.0
PHP	HZ	116	320	EP		1356	52.67-.050								1.0
PHP	HZ	116	320	IAML		1357	12.85			11	0.4				
THL	HZ	158	158	EP		1356	59.37-.260								0.9

THL	HE	158	158	ES	1357	21.53-	.240												0.9
SRN	HZ	159	226	EP	1357	0.330	.430												0.9
IGT	HZ	173	210	EP	1357	1.94-	.260												0.9
IGT	HE	173	210	ES	1357	26.910	.480												0.9

**January 18 2022 Hour: 15:10 31.0 Lat: 40.85N Lon: 21.39E D: 6.4 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR 2.7MW TIR Rms: 0.5 secs**  
**41 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	56	211	EP		1510	41.370	.260							1.0
NEST	HN	56	211	ES		1510	49.29-	.010							1.0
NEST	HZ	56	211	IAML		1510	49.66			391	0.3				
KBN	HZ	57	244	EP		1510	40.85-	.320							1.0
KBN	HN	57	244	ES		1510	49.660	.250							1.0
KBN	HZ	57	244	IAML		1510	51.14			139	0.3				
LSK	HZ	102	221	EP		1510	48.80-	.330							1.0
LSK	HN	102	221	ES		1511	2.80-	1.03							1.0
LSK	HZ	102	221	IAML		1511	7.19			66	0.6				
PHP	HZ	122	320	EP		1510	51.95-	.420							1.0
PHP	HN	122	320	ES		1511	9.55-	.130							1.0
PHP	HZ	122	320	IAML		1511	11.62			22	0.3				
BERA	HZ	122	263	EP		1510	52.460	.050							1.0
THE	HZ	135	100	EP		1510	54.810	.230							1.0
THL	HZ	152	159	EP		1510	56.71-	.680							1.0
THL	HN	152	159	ES		1511	19.040	.270							1.0
SRN	HZ	160	228	EP		1510	59.280	.690							0.9
SRN	HN	160	228	ES		1511	21.730	.800							0.9
SRN	HZ	160	228	IAML		1511	26.80			17	0.5				
IGT	HZ	172	212	EP		1511	1.510	.900							0.9
IGT	HE	172	212	ES		1511	24.10-	.510							0.9
IGT	HZ	172	212	IAML		1511	28.70			13	0.3				
PUK	HZ	182	317	EP		1511	1.85-	.390							0.9
PUK	HN	182	317	ES		1511	28.080	.530							0.9
PUK	HZ	182	317	IAML		1511	31.08			7	0.7				

**January 18 2022 Hour: 15:15 45.8 Lat: 40.51N Lon: 20.39E D: 2.0 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.6 secs**  
**13 km E of Corovode**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	36	69	EP		1515	50.81-	1.42							1.0
KBN	HN	36	69	ES		1515	58.47	1.06							1.0
BERA	HZ	43	300	EP		1515	53.710	.150							1.0
BERA	HE	43	300	ES		1515	59.930	.110							1.0
LSK	HZ	44	156	EP		1515	53.55-	.090							1.0
LSK	HN	44	156	ES		1516	0.020	.060							1.0
LSK	HZ	44	156	IAML		1516	1.73			50	0.2				
SRN	HZ	78	206	EP		1515	58.85-	.830							1.0
SRN	HN	78	206	ES		1516	10.75-	.140							1.0
KEK	HZ	102	210	EP		1516	4.480	.440							1.0
KEK	HN	102	210	ES		1516	19.260	.470							1.0
KEK	HZ	102	210	IAML		1516	20.35			20	0.7				
IGT	HZ	109	183	EP		1516	5.340	.110							1.0
IGT	HE	109	183	ES		1516	21.040	.090							1.0

**January 18 2022 Hour: 18:31 55.0 Lat: 41.21N Lon: 19.99E D: 16.2 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 2.7MW TIR Rms: 0.3 secs**  
**13 km NW of Elbasan**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	19	328	EP		1831	59.890	.580							1.0
TIR	HN	19	328	ES		1832	2.980	.150							1.0
TIR	HZ	19	328	IAML		1832	4.70			298	0.1				
BERA	HZ	56	183	EP		1832	4.82-	.260							1.0
BERA	HN	56	183	ES		1832	12.75-	.530							1.0
BERA	HZ	56	183	IAML		1832	14.40			162	0.1				

BPA2	HZ	61	210	EP	1832	5.78-	.160												1.0
PHP	HZ	65	35	EP	1832	6.51-	.170												1.0
PHP	HN	65	35	ES	1832	15.81-	.360												1.0
PHP	HZ	65	35	IAML	1832	17.05				34	0.1								
VLO	HZ	92	207	IAML	1832	29.32				126	0.4								
PUK	HZ	93	355	EP	1832	11.06-	.250												1.0
PUK	HE	93	355	ES	1832	24.590.	.040												1.0
PUK	HZ	93	355	IAML A	1832	27.83				33	0.4								
KBN	HZ	94	133	EP	1832	11.520.	.170												1.0
KBN	HE	94	133	ES	1832	24.750.	.130												1.0
SDA	HZ	102	337	EP	1832	12.68-	.050												1.0
SDA	HE	102	337	ES	1832	27.02-	.090												1.0
SDA	HZ	102	337	IAML A	1832	28.96				14	0.3								
NEST	HZ	126	134	EP	1832	17.260.	.560												1.0
NEST	HZ	126	134	IAML A	1832	40.57				16	0.5								
LSK	HZ	128	156	EP	1832	17.02-	.110												1.0
BCI	HZ	129	3	EP	1832	16.94-	.310												1.0
BCI	HN	129	3	ES	1832	35.390.	.090												1.0
BCI	HZ	129	3	IAML A	1832	41.17				50	0.7								
SRN	HZ	147	179	EP	1832	20.810.	.650												1.0
SRN	HN	147	179	ES	1832	40.24-	.330												1.0
SRN	HZ	147	179	IAML	1832	45.95				21	0.3								
PDG	HZ	149	336	EP	1832	20.480.	.090												1.0
PDG	HZ	149	336	IAML	1832	42.08				36	0.5								
KEK	HZ	167	186	EP	1832	23.150.	.120												0.9
KEK	HN	167	186	ES	1832	45.800.	.040												0.9
KEK	HZ	167	186	IAML	1832	50.49				28	0.1								
IGT	HZ	188	171	EP	1832	25.890.	.080												0.9

**January 18 2022 Hour: 20:19 41.2 Lat: 40.76N Lon: 21.35E D: 10.0F Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.7 secs**  
**37 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	47	214	EP		2019	49.76-	.010							1.0
NEST	HE	47	214	ES		2019	55.96-	.740							1.0
NEST	HZ	47	214	IAML		2019	57.80			50	0.1				
KBN	HZ	50	252	EP		2019	50.37-	.060							1.0
KBN	HN	50	252	ES		2019	57.940.	.050							1.0
KBN	HZ	50	252	IAML		2019	58.93			7	0.2				
LSK	HZ	94	224	EP		2019	57.970.	.320							1.0
LSK	HN	94	224	ES		2020	10.05-	.900							1.0
THL	HZ	144	157	EP		2020	5.51-	.560							1.0
THL	HN	144	157	ES		2020	26.340.	.130							1.0
IGT	HZ	162	213	EP		2020	9.450.	.430							0.9
IGT	HE	162	213	ES		2020	33.06	1.52							0.9
IGT	HZ	162	213	IAML		2020	35.19			14	1.9				

**January 18 2022 Hour: 21:25 51.3 Lat: 41.20N Lon: 19.93E D: 17.8 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.4 secs**  
**16 km NW of Elbasan**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	17	343	EP		2125	55.940.	.230							1.0
TIR	HE	17	343	ES		2125	59.320.	.080							1.0
TIR	HZ	17	343	IAML		2125	59.75			258	0.1				
BERA	HZ	55	178	EP		2126	0.96-	.400							1.0
BERA	HN	55	178	ES		2126	9.20-	.270							1.0
PHP	HZ	69	38	EP		2126	2.58-	1.13							1.0
PHP	HZ	69	38	IAML		2126	14.90			16	0.1				
PUK	HZ	94	358	EP		2126	7.73-	.090							1.0
PUK	HN	94	358	ES		2126	21.430.	.270							1.0
PUK	HZ	94	358	IAML		2126	24.08			8	0.1				
KBN	HZ	97	131	EP		2126	8.530.	.270							1.0
KBN	HN	97	131	ES		2126	22.260.	.290							1.0
SDA	HZ	101	340	EP		2126	9.690.	.730							1.0

SDA	HN	101	340	ES		2126	22.91-	.310									1.0
NEST	HZ	129	132	EP		2126	13.800.	.200									1.0
NEST	HZ	129	132	IAML		2126	35.38		14	0.4							
BCI	HZ	130	5	EP		2126	14.060.	.220									1.0
BCI	HN	130	5	ES		2126	32.190.	.130									1.0
BCI	HZ	130	5	IAML		2126	37.92		19	0.3							
SRN	HZ	146	177	EP		2126	16.03-	.300									1.0
SRN	HN	146	177	ES		2126	36.720.	.160									1.0
PDG	HZ	148	338	EP		2126	16.49-	.020									1.0
PDG	HE	148	338	ES		2126	36.57-	.320									1.0
PDG	HZ	148	338	IAML		2126	39.38		9	0.2							
KEK	HZ	165	184	EP		2126	19.710.	.650									0.9
IGT	HZ	188	169	EP		2126	21.78-	.220									0.9
IGT	HE	188	169	ES		2126	46.67-	.170									0.9

**January 18 2022 Hour: 21:38 9.1 Lat: 41.21N Lon: 19.93E D: 11.1 Ag: TIR Local**  
**Magnitudes: 1.8MW TIR Rms: 0.2 secs**  
**15 km SE of Tirane**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
BERA	HZ	57	178	EP		2138	19.630.	.410									1.0
BERA	HE	57	178	ES		2138	26.99-	.440									1.0
PHP	HZ	68	39	EP		2138	20.85-	.250									1.0
PUK	HZ	92	358	EP		2138	25.340.	.120									1.0
PUK	HN	92	358	ES		2138	38.08-	.220									1.0
NEST	HZ	129	133	EP		2138	31.570.	.150									1.0
BCI	HZ	129	5	EP		2138	31.26-	.010									1.0
BCI	HN	129	5	ES		2138	49.410.	.160									1.0
NEST	HN	129	133	ES		2138	49.530.	.010									1.0
IGT	HZ	190	169	EP		2138	40.760.	.110									0.9

**January 18 2022 Hour: 22: 5 59.3 Lat: 39.98N Lon: 20.07E D: 6.4 Ag: TIR Local**  
**Magnitudes: 1.4ML TIR Rms: 0.3 secs**  
**4 km NW of Delvine**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
SRN	HZ	13	207	EP		22 6	1.86-	.020									1.0
SRN	HN	13	207	ES		22 6	4.080.	.130									1.0
KEK	HZ	38	218	EP		22 6	5.76-	.410									1.0
KEK	HE	38	218	ES		22 6	12.030.	.300									1.0
KEK	HZ	38	218	IAML		22 6	13.02		26	0.2							
IGT	HZ	55	156	EP		22 6	8.79-	.410									1.0
IGT	HN	55	156	ES		22 6	17.340.	.140									1.0
IGT	HZ	55	156	IAML		22 6	19.17		8	0.2							
NEST	HZ	96	60	EP		22 6	16.700.	.270									1.0

**January 18 2022 Hour: 22:15 14.7 Lat: 40.84N Lon: 21.47E D: 10.0F Ag: TIR Local**  
**Magnitudes: 2.1ML TIR 2.4MW TIR Rms: 0.4 secs**  
**46 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
NEST	HZ	59	217	EP		2215	25.640.	.350									1.0
NEST	HN	59	217	ES		2215	33.75-	.120									1.0
NEST	HZ	59	217	IAML		2215	35.62		51	0.2							
KBN	HZ	62	247	EP		2215	25.960.	.130									1.0
KBN	HE	62	247	ES		2215	34.73-	.120									1.0
KBN	HZ	62	247	IAML		2215	35.67		30	0.2							
LSK	HZ	107	224	EP		2215	33.890.	.170									1.0
LSK	HN	107	224	ES		2215	48.38-	.750									1.0
PHP	HZ	127	318	EP		2215	36.35-	.950									1.0
PHP	HZ	127	318	IAML		2215	55.95		7	0.4							
BERA	HZ	129	264	EP		2215	38.490.	.870									1.0
BERA	HE	129	264	ES		2215	56.510.	.320									1.0
THL	HZ	149	162	EP		2215	40.84-	.180									1.0
THL	HE	149	162	ES		2216	2.430.	.080									1.0
SRN	HZ	164	230	EP		2215	43.26-	.210									0.9
SRN	HN	164	230	ES		2216	6.70-	.080									0.9





THL HE 153 159 ES 2223 24.690.750 1.0

**January 18 2022 Hour: 22:28 53.7 Lat: 40.88N Lon: 21.43E D: 6.9 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR Rms: 0.9 secs**  
**45 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	61	212	EP		2229	5.200	.470							1.0
KBN	HZ	61	242	EP		2229	5.490	.750							1.0
KBN	HN	61	242	ES		2229	12.21	-1.45							1.0
KBN	HZ	61	242	IAML		2229	15.13			28	0.2				1.0
NEST	HN	61	212	ES		2229	13.56	-.080							1.0
NEST	HZ	61	212	IAML		2229	14.24			73	0.3				1.0
LSK	HZ	107	221	EP		2229	12.57	-.110							1.0
LSK	HN	107	221	ES		2229	26.81	-1.22							1.0
PHP	HZ	121	317	EP		2229	15.100	.140							1.0
PHP	HN	121	317	ES		2229	31.29	-.870							1.0
PHP	HZ	121	317	IAML		2229	34.95			11	0.6				1.0
THL	HZ	155	161	EP		2229	19.92	-.590							1.0
THL	HE	155	161	ES		2229	40.99	-1.21							1.0
SRN	HZ	165	228	IP		2229	23.26	1.14							0.9
SRN	HN	165	228	ES		2229	46.040	.920							0.9
SRN	HZ	165	228	IAML		2229	51.36			15	0.9				0.9
IGT	HZ	177	212	EP		2229	25.86	1.71							0.9
IGT	HE	177	212	ES		2229	49.510	.720							0.9
IGT	HZ	177	212	IAML		2229	57.63			9	1.4				0.9

**January 18 2022 Hour: 22:44 6.8 Lat: 40.87N Lon: 21.39E D: 9.1 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR 2.4MW TIR Rms: 0.6 secs**  
**41 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	57	242	EP		2244	17.660	.450							1.0
KBN	HN	57	242	ES		2244	25.21	-.420							1.0
KBN	HZ	57	242	IAML	A	2244	27.40			25	0.3				1.0
NEST	HZ	58	210	EP		2244	17.410	.140							1.0
NEST	HN	58	210	ES		2244	25.43	-.320							1.0
NEST	HZ	58	210	IAML	A	2244	28.03			65	0.2				1.0
LSK	HZ	104	220	EP		2244	25.080	.070							1.0
LSK	HN	104	220	ES		2244	39.29	-.460							1.0
PHP	HZ	121	319	EP		2244	27.53	-.260							1.0
PHP	HN	121	319	ES		2244	44.46	-.330							1.0
PHP	HZ	121	319	IAML		2244	49.58			8	0.4				1.0
THL	HZ	154	160	EP		2244	32.60	-.710							1.0
THL	HE	154	160	ES		2244	54.53	-.250							1.0
SRN	HZ	161	228	EP		2244	35.310	.870							0.9
IGT	HZ	173	212	EP		2244	37.88	1.36							0.9
IGT	HZ	173	212	IAML	A	2245	4.72			17	2.3				0.9

**January 18 2022 Hour: 23:11 56.4 Lat: 40.88N Lon: 21.45E D: 1.2 Ag: TIR Local**  
**Magnitudes: 1.4ML TIR Rms: 0.3 secs**  
**47 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	62	214	EP		2312	7.670	.240							1.0
NEST	HE	62	214	ES		2312	16.06	-.300							1.0
NEST	HZ	62	214	IAML		2312	19.79			25	0.2				1.0
KBN	HZ	63	244	EP		2312	7.820	.190							1.0
KBN	HE	63	244	ES		2312	16.54	-.190							1.0
KBN	HZ	63	244	IAML		2312	17.44			10	0.3				1.0
LSK	HZ	109	222	EP		2312	16.100	.330							1.0
LSK	HN	109	222	ES		2312	31.17	-.300							1.0
PHP	HZ	123	317	EP		2312	18.580	.250							1.0
PHP	HN	123	317	ES		2312	35.70	-.410							1.0
PHP	HZ	123	317	IAML		2312	38.06			3	0.4				1.0
THL	HZ	153	162	EP		2312	22.82	-.480							1.0
THL	HN	153	162	ES		2312	45.03	-.070							1.0

SRN HE 166 229 ES 2312 49.160.340 0.9  
 IGT HZ 177 213 EP 2312 27.730.450 0.9

**January 18 2022 Hour: 23:13 18.7 Lat: 40.87N Lon: 21.43E D: 7.5 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR 2.4MW TIR Rms: 0.5 secs**  
**45 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	60	212	EP		2313	29.690	.100							1.0
NEST	HN	60	212	ES		2313	38.24-	.130							1.0
NEST	HZ	60	212	IAML	A	2313	39.34		43	0.3					
KBN	HZ	61	243	EP		2313	29.980	.290							1.0
KBN	HN	61	243	ES		2313	38.12-	.430							1.0
KBN	HZ	61	243	IAML		2313	39.99		22	0.5					
LSK	HZ	107	221	EP		2313	37.23-	.280							1.0
LSK	HN	107	221	ES		2313	52.03-	.680							1.0
PHP	HZ	122	318	EP		2313	40.220	.120							1.0
PHP	HN	122	318	ES		2313	56.94-	.460							1.0
THL	HZ	154	161	EP		2313	44.94-	.340							1.0
THL	HE	154	161	ES		2314	6.50-	.280							1.0
SRN	HZ	164	228	EP		2313	48.05	1.07							0.9
SRN	HN	164	228	ES		2314	10.510	.670							0.9
IGT	HZ	176	212	EP		2313	49.490	.530							0.9

**January 18 2022 Hour: 23:21 15.3 Lat: 42.04N Lon: 20.02E D: 19.4 Ag: TIR Local**  
**Magnitudes: 1.3ML TIR Rms: 0.9 secs**  
**2 km S of Fushe-Arrez**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	11	272	EP		2321	19.680	.350							1.0
PUK	HN	11	272	ES		2321	22.49-	.060							1.0
PUK	HZ	11	272	IAML		2321	22.89		29	0.1					
BCI	HN	37	6	ES		2321	28.17-	.250							1.0
SDA	HZ	43	272	EP		2321	21.62-	1.91							1.0
SDA	HN	43	272	ES		2321	30.670	.510							1.0
PHP	HZ	53	138	EP		2321	26.12	1.04							1.0
PHP	HN	53	138	ES		2321	32.58-	.370							1.0
PDG	HE	76	305	ES		2321	40.540	.680							1.0

**January 18 2022 Hour: 23:48 44.9 Lat: 40.41N Lon: 21.16E D: 17.6 Ag: TIR Local**  
**Magnitudes: 1.5ML TIR Rms: 0.6 secs**  
**28 km SE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	9	273	EP		2348	48.800	.260							1.0
NEST	HE	9	273	ES		2348	51.510	.030							1.0
NEST	HZ	9	273	IAML		2348	51.75		82	0.1					
KBN	HZ	39	307	EP		2348	52.36-	.100							1.0
KBN	HE	39	307	ES		2348	58.650	.070							1.0
KBN	HZ	39	307	IAML		2348	59.93		12	0.4					
LSK	HZ	56	239	EP		2348	54.45-	.640							1.0
LSK	HN	56	239	ES		2349	2.75-	.570							1.0
THL	HZ	119	142	EP		2349	4.87-	.640							1.0
THL	HN	119	142	ES		2349	22.250	.070							1.0
IGT	HZ	120	216	EP		2349	7.21	1.48							1.0
IGT	HE	120	216	ES		2349	22.660	.080							1.0

**January 19 2022 Hour: 1:16 59.8 Lat: 40.83N Lon: 21.31E D: 11.1 Ag: TIR Local**  
**Magnitudes: 1.4ML TIR Rms: 0.3 secs**  
**34 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	50	242	EP		117	9.040	.080							1.0
KBN	HE	50	242	ES		117	16.500	.170							1.0
KBN	HZ	50	242	IAML		117	18.73		6	0.2					
NEST	HZ	52	206	EP		117	9.530	.300							1.0
NEST	HE	52	206	ES		117	16.31-	.520							1.0
NEST	HZ	52	206	IAML		117	17.50		24	0.5					

LSK	HZ	97	219	EP		117	16.64-	.160									1.0
PHP	HZ	119	323	EP		117	20.22-	.260									1.0
IGT	HZ	167	210	IP		117	28.830.	.440									0.9

**January 19 2022 Hour: 2:17 46.3 Lat: 40.91N Lon: 19.81E D: 8.1 Ag: TIR Local**  
**Magnitudes: 1.6ML TIR 2.5MW TIR Rms: 0.6 secs**  
**10 km E of Lushnje**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA	HZ	25	153	EP		217	50.12-	.980							1.0
BPA2	HZ	25	220	EP		217	50.83-	.260							1.0
BPA2	HN	25	220	ES		217	54.57-	.380							1.0
BERA	HN	25	153	ES		217	55.070.	.110							1.0
TIR	HZ	49	5	EP		217	55.22-	.040							1.0
TIR	HE	49	5	ES		218	3.240.	.760							1.0
TIR	HZ	49	5	IAML	A	218	13.78		20	2.0					
VLO	HZ	55	209	EP		217	56.640.	.310							1.0
VLO	HN	55	209	ES		218	4.600.	.170							1.0
VLO	HZ	55	209	IAML		218	7.78		40	0.5					
KBN	HZ	88	111	EP		218	1.73-	.230							1.0
KBN	HN	88	111	ES		218	14.830.	.210							1.0
KBN	HZ	88	111	IAML		218	36.91		10	1.8					
PHP	HZ	101	31	EP		218	2.76-	1.38							1.0
PHP	HN	101	31	ES		218	17.51-	1.06							1.0
LSK	HZ	107	141	EP		218	5.420.	.270							1.0
SRN	HZ	115	172	EP		218	6.990.	.600							1.0
SRN	HE	115	172	ES		218	22.06-	.580							1.0
NEST	HZ	118	117	EP		218	8.29	1.34							1.0
PUK	HZ	126	3	EP		218	8.670.	.320							1.0
PUK	HE	126	3	ES		218	26.630.	.440							1.0
PUK	HZ	126	3	IAML	A	218	31.16		3	0.6					
SDA	HZ	130	349	EP		218	9.240.	.400							1.0
SDA	HE	130	349	ES		218	26.92-	.150							1.0
KEK	HZ	132	180	EP		218	8.84-	.470							1.0
IGT	HZ	159	164	EP		218	14.470.	.760							0.9

**January 19 2022 Hour: 2:31 31.8 Lat: 40.89N Lon: 21.35E D: 12.9 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR Rms: 0.8 secs**  
**39 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	56	239	EP		231	41.80-	.100							1.0
KBN	HN	56	239	ES		231	49.27-	.780							1.0
KBN	HZ	56	239	IAML		231	50.28		25	0.2					
NEST	HZ	58	206	EP		231	42.690.	.360							1.0
NEST	HN	58	206	ES		231	50.48-	.350							1.0
NEST	HZ	58	206	IAML		231	51.39		60	0.2					
LSK	HZ	104	218	EP		231	49.78-	.100							1.0
LSK	HN	104	218	ES		232	4.37-	.130							1.0
PHP	HZ	117	320	EP		231	52.04-	.020							1.0
PHP	HN	117	320	ES		232	8.550.	.100							1.0
PHP	HZ	117	320	IAML		232	11.24		5	0.3					
THL	HZ	157	159	EP		231	58.53-	.240							1.0
THL	HE	157	159	ES		232	19.36-	1.22							1.0
SRN	HZ	160	226	EP		232	0.80	1.58							0.9
SRN	HN	160	226	ES		232	21.420.	.020							0.9
IGT	HZ	174	210	EP		232	2.90	1.75							0.9
IGT	HE	174	210	ES		232	25.140.	.250							0.9
IGT	HZ	174	210	IAML		232	29.28		8	1.0					
PUK	HZ	177	317	EP		232	2.430.	.770							0.9
PUK	HN	177	317	ES		232	24.06-	1.76							0.9

**January 19 2022 Hour: 5:44 19.3 Lat: 39.95N Lon: 20.58E D: 23.6 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR Rms: 0.2 secs**  
**28 km E of Libohove**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	22	3	EP		544	24.84	-.230							1.0
LSK	HN	22	3	ES		544	29.59	-.110							1.0
LSK	HZ	22	3	IAML		544	29.89			59	0.3				
SRN	HZ	50	261	IP	A	544	29.120	.220							1.0
SRN	HN	50	261	ES		544	36.930	.290							1.0
SRN	HZ	50	261	IAML		544	38.43			26	0.6				
IGT	HZ	51	205	EP		544	28.92	-.100							1.0
IGT	HN	51	205	ES		544	36.960	.100							1.0
IGT	HZ	51	205	IAML		544	39.31			23	0.2				
NEST	HZ	65	37	EP		544	31.16	-.140							1.0
NEST	HE	65	37	ES		544	41.260	.280							1.0
NEST	HZ	65	37	IAML		544	42.66			7	0.4				
KEK	HZ	72	249	EP		544	32.410	.090							1.0
KEK	HE	72	249	ES		544	42.44	-.390							1.0
KEK	HZ	72	249	IAML		544	46.20			25	0.6				

**January 19 2022 Hour: 6:36 49.4 Lat: 40.87N Lon: 21.44E D: 6.4 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR 2.4MW TIR Rms: 0.6 secs**  
**46 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	61	213	IP	A	637	1.090	.780							1.0
NEST	HE	61	213	ES		637	9.220	.080							1.0
NEST	HZ	61	213	IAML		637	10.34			101	0.3				
KBN	HZ	62	244	EP		637	1.170	.680							1.0
KBN	HN	62	244	ES		637	8.27	-1.18							1.0
KBN	HZ	62	244	IAML	A	637	10.72			35	0.3				
LSK	HZ	107	222	EP		637	8.710	.360							1.0
LSK	HN	107	222	ES		637	23.00	-.700							1.0
LSK	HZ	107	222	IAML		637	25.32			20	0.3				
PHP	HZ	123	318	EP		637	10.90	-.080							1.0
PHP	HN	123	318	ES		637	27.92	-.520							1.0
PHP	HZ	123	318	IAML	A	637	30.77			7	0.5				
THL	HZ	153	161	EP		637	15.36	-.590							1.0
THL	HN	153	161	ES		637	37.03	-.410							1.0
SRN	HE	164	228	ES		637	42.01	1.16							0.9
PUK	HZ	183	316	EP		637	21.140	.300							0.9
PUK	HE	183	316	ES		637	46.480	.190							0.9
PUK	HZ	183	316	IAML	A	637	55.06			3	0.4				

**January 19 2022 Hour: 7:31 20.7 Lat: 40.87N Lon: 21.37E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR 2.7MW TIR Rms: 0.6 secs**  
**40 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	56	241	EP		731	30.83	-.020							1.0
KBN	HZ	56	241	IAML		731	40.44			58	0.2				
NEST	HZ	58	208	EP		731	31.050	.010							1.0
NEST	HN	58	208	ES		731	38.88	-.540							1.0
NEST	HZ	58	208	IAML		731	39.22			215	0.3				
LSK	HZ	103	220	EP		731	38.840	.150							1.0
LSK	HN	103	220	ES		731	52.83	-.430							1.0
LSK	HZ	103	220	IAML	A	731	57.44			68	0.6				
PHP	HZ	119	320	EP		731	41.28	-.060							1.0
PHP	HN	119	320	ES		731	57.51	-.550							1.0
PHP	HZ	119	320	IAML		732	0.79			32	0.4				
BERA	HN	121	262	ES		731	58.950	.330							1.0
THE	HZ	137	101	EP		731	44.25	-.000							1.0
THE	HN	137	101	ES		732	3.23	-.110							1.0
THL	HZ	155	159	EP		731	46.44	-.780							1.0
SRN	HZ	160	227	EP		731	48.370	.290							0.9

SRN	HN	160	227	ES	732	10.24-	.030										0.9
SRN	HZ	160	227	IAML	732	12.56			17	0.3							
IGT	HZ	173	211	EP	731	50.01-	.100										0.9
IGT	HN	173	211	ES	732	14.000	.050										0.9
IGT	HZ	173	211	IAML	732	21.78			15	0.5							
PUK	HZ	180	317	EP	731	52.07	1.03										0.9
PUK	HE	180	317	ES	732	14.01-	1.60										0.9
PUK	HZ	180	317	IAML	A	732	19.02		10	0.5							
KEK	HZ	185	227	EP	731	52.82	1.10										0.9
KEK	HN	185	227	ES	732	17.180	.320										0.9
BCI	HZ	199	327	EP	731	54.61	1.18										0.9
BCI	HZ	199	327	IAML	732	25.31			13	0.4							

**January 19 2022 Hour: 9:16 13.6 Lat: 41.48N Lon: 19.52E D: 17.7 Ag: TIR Local**  
**Magnitudes: 1.3ML TIR Rms: 0.3 secs**

**15 km NW of Vore**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	33	117	EP		916	19.83-	.200							1.0
TIR	HN	33	117	ES		916	25.770	.490							1.0
TIR	HZ	33	117	IAML		916	26.19		14	0.2					
SDA	HZ	63	359	EP		916	24.980	.140							1.0
SDA	HN	63	359	ES		916	34.150	.160							1.0
SDA	HZ	63	359	IAML		916	34.74		5	0.0					
PUK	HZ	69	27	EP		916	26.480	.500							1.0
PUK	HE	69	27	ES		916	36.050	.010							1.0
PUK	HZ	69	27	IAML		916	37.68		8	0.1					
PHP	HZ	80	74	EP		916	27.38-	.340							1.0
PHP	HN	80	74	ES		916	39.01-	.190							1.0
PHP	HZ	80	74	IAML		916	41.44		5	0.2					
BERA	HZ	94	157	EP		916	30.030	.040							1.0
BERA	HN	94	157	ES		916	43.09-	.220							1.0
BCI	HZ	108	25	EP		916	31.78-	.570							1.0
BCI	HN	108	25	ES		916	47.58-	.000							1.0
BCI	HZ	108	25	IAML		916	49.89		6	0.1					
NEST	HZ	175	132	EP		916	42.52-	.140							0.9
NEST	HN	175	132	ES		917	6.580	.340							0.9

**January 19 2022 Hour: 11:31 22.3 Lat: 39.35N Lon: 20.54E D: 9.2 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR Rms: 0.3 secs**

**46 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	27	320	EP		1131	27.710	.270							1.0
IGT	HN	27	320	ES		1131	31.50-	.110							1.0
IGT	HZ	27	320	IAML		1131	31.69		80	0.2					
SRN	HZ	75	322	EP		1131	34.95-	.690							1.0
SRN	HN	75	322	ES		1131	46.15-	.290							1.0
KEK	HZ	75	303	EP		1131	36.000	.290							1.0
KEK	HN	75	303	ES		1131	46.860	.290							1.0
KEK	HZ	75	303	IAML		1131	50.02		16	0.3					
LSK	HZ	90	3	EP		1131	38.120	.030							1.0
LSK	HN	90	3	ES		1131	51.190	.310							1.0
LSK	HZ	90	3	IAML		1131	54.03		14	0.5					
NEST	HZ	127	20	EP		1131	44.22-	.050							1.0
NEST	HN	127	20	ES		1132	2.03-	.050							1.0
NEST	HZ	127	20	IAML		1132	5.45		8	0.5					

**January 19 2022 Hour: 13:2 15.7 Lat: 41.18N Lon: 20.27E D: 4.6 Ag: TIR Local**  
**Magnitudes: 1.3ML TIR Rms: 0.1 secs**

**3 km W of Librazhd**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	39	299	EP		13	2	23.000	.320						1.0
TIR	HE	39	299	ES		13	2	28.20-	.150						1.0
TIR	HZ	39	299	IAML		13	2	29.14		18	0.2				
PHP	HZ	58	14	EP		13	2	25.93-	.150						1.0

PHP	HN	58	14	ES	13	2	34.600	.090										1.0
PHP	HZ	58	14	IAML	13	2	36.13		4	0.3								
PUK	HZ	101	342	EP	13	2	33.52-	.180										1.0
PUK	HN	101	342	ES	13	2	48.430	.140										1.0
PUK	HZ	101	342	IAML	13	2	50.12		4	0.3								
NEST	HZ	107	142	EP	13	2	34.67-	.060										1.0
NEST	HN	107	142	ES	13	2	50.210	.050										1.0
SDA	HZ	116	327	EP	13	2	36.15-	.020										1.0
SDA	HN	116	327	ES	13	2	52.73-	.030										1.0

**January 19 2022 Hour: 14: 6 35.4 Lat: 41.42N Lon: 20.20E D: 8.5 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR 2.4MW TIR Rms: 0.3 secs**  
**8 km S of Bulqize**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	29	255	EP		14	6	40.75-	.100						1.0
TIR	HN	29	255	ES		14	6	45.440	.190						1.0
TIR	HZ	29	255	IAML		14	6	47.85		65	0.3				
PHP	HZ	36	34	EP		14	6	41.89-	.160						1.0
PHP	HN	36	34	ES		14	6	47.40-	.020						1.0
PHP	HZ	36	34	IAML	A	14	6	48.80		71	0.4				
PHP	HZ	36	34	IAML		14	6	48.84		66	0.3				
PUK	HZ	74	340	EP		14	6	48.69-	.030						1.0
PUK	HN	74	340	ES		14	6	59.600	.110						1.0
PUK	HZ	74	340	IAML		14	7	1.51		12	0.2				
SDA	HZ	92	321	EP		14	6	51.15-	.390						1.0
SDA	HN	92	321	ES		14	7	4.50-	.090						1.0
SDA	HZ	92	321	IAML	A	14	7	7.02		14	0.4				
BCI	HZ	106	354	EP		14	6	54.740	.720						1.0
NEST	HZ	132	147	EP		14	6	58.570	.210						1.0
NEST	HN	132	147	ES		14	7	16.83-	.120						1.0
NEST	HZ	132	147	IAML		14	7	20.83		12	0.5				
PDG	HZ	137	326	EP		14	6	58.69-	.440						1.0
PDG	HE	137	326	ES		14	7	18.430	.100						1.0
PDG	HZ	137	326	IAML		14	7	21.47		12	0.2				

**January 19 2022 Hour: 16:13 56.4 Lat: 39.31N Lon: 21.43E D: 5.1 Ag: TIR Local**  
**Magnitudes: 1.3ML TIR Rms: 0.3 secs**  
**118 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THL	HZ	58	60	EP		1614		6.75-	.030						1.0
THL	HN	58	60	ES		1614		15.440	.230						1.0
LKD2	HZ	88	230	EP		1614		12.08-	.050						1.0
LKD2	HN	88	230	ES		1614		25.110	.220						1.0
IGT	HZ	98	285	EP		1614		13.20-	.570						1.0
IGT	HN	98	285	ES		1614		28.060	.210						1.0
IGT	HZ	98	285	IAML		1614		35.02		4	0.3				
KEK	HZ	147	288	EP		1614		21.66-	.370						1.0
KEK	HN	147	288	ES		1614		43.180	.370						1.0

**January 19 2022 Hour: 16:56 39.4 Lat: 40.84N Lon: 21.36E D: 11.1 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR 2.5MW TIR Rms: 0.4 secs**  
**39 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	54	210	EP		1656		49.610	.520						1.0
NEST	HN	54	210	ES		1656		57.240	.260						1.0
NEST	HZ	54	210	IAML		1656		57.88		106	0.2				
KBN	HZ	54	244	EP		1656		49.250	.150						1.0
KBN	HZ	54	244	ES		1656		56.78-	.210						1.0
KBN	HZ	54	244	IAML		1656		58.66		23	0.2				
LSK	HZ	100	221	EP		1656		57.150	.370						1.0
LSK	HN	100	221	ES		1657		10.57-	.330						1.0
LSK	HZ	100	221	IAML		1657		15.59		13	0.3				
PHP	HZ	122	321	EP		1657		0.930	.550						1.0
PHP	HN	122	321	ES		1657		16.70-	.710						1.0

PHP	HZ	122	321	IAML	1657	20.88			5	0.3						
THL	HZ	152	158	EP	1657	5.670.310										1.0
THL	HN	152	158	ES	1657	25.71-.720										1.0
SRN	HZ	157	228	EP	1657	6.430.210										1.0
SRN	HN	157	228	ES	1657	27.71-.280										1.0
IGT	HZ	169	211	EP	1657	7.83-.460										0.9
IGT	HN	169	211	ES	1657	32.030.310										0.9
PUK	HZ	182	318	EP	1657	9.56-.410										0.9
PUK	HN	182	318	ES	1657	35.180.400										0.9
PUK	HZ	182	318	IAML	1657	42.27			3	0.4						

January 19 2022 Hour: 23: 4 30.2 Lat: 41.42N Lon: 20.23E D: 22.3 Ag: TIR Local  
Magnitudes: 1.5ML TIR Rms: 0.4 secs  
7 km S of Bulqize

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	32	255	EP		23	4	36.17-.720							1.0
TIR	HN	32	255	ES		23	4	42.620.280							1.0
TIR	HZ	32	255	IAML		23	4	44.93		24	0.5				
PHP	HZ	34	31	IP		23	4	37.560.340							1.0
PHP	HN	34	31	IS		23	4	42.68-.260							1.0
PHP	HZ	34	31	IAML		23	4	45.09		36	0.3				
PUK	HZ	74	338	EP		23	4	43.640.090							1.0
PUK	HN	74	338	ES		23	4	54.720.330							1.0
PUK	HZ	74	338	IAML		23	5	0.50		7	0.2				
SDA	HZ	93	319	EP		23	4	45.84-.570							1.0
SDA	HN	93	319	ES		23	4	59.650.080							1.0
SDA	HZ	93	319	IAML		23	5	1.31		4	0.1				
BCI	HZ	106	353	EP		23	4	48.24-.280							1.0
BCI	HN	106	353	ES		23	5	3.450.060							1.0
BCI	HZ	106	353	IAML		23	5	8.44		5	0.3				
NEST	HZ	131	148	EP		23	4	53.330.700							1.0
NEST	HN	131	148	ES		23	5	10.31-.510							1.0
NEST	HZ	131	148	IAML		23	5	15.97		3					
PDG	HZ	138	325	EP		23	4	53.20-.350							1.0
PDG	HN	138	325	ES		23	5	12.820.340							1.0
PDG	HZ	138	325	IAML		23	5	16.83		4	0.3				
LSK	HZ	145	168	EP		23	4	55.250.530							1.0
LSK	HZ	145	168	IAML		23	5	28.25		4	1.4				

January 19 2022 Hour: 23:18 3.6 Lat: 40.86N Lon: 21.35E D: 11.1 Ag: TIR Local  
Magnitudes: 2.0ML TIR 2.8MW TIR Rms: 0.5 secs  
38 km E of Pustec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	54	242	EP		2318	13.31-.140								1.0
KBN	HN	54	242	ES		2318	20.74-.660								1.0
KBN	HZ	54	242	IAML	A	2318	21.83			87	0.3				
NEST	HZ	56	208	IP	A	2318	14.250.580								1.0
NEST	HN	56	208	ES		2318	21.70-.080								1.0
NEST	HZ	56	208	IAML	A	2318	23.73			227	0.3				
LSK	HZ	101	219	EP		2318	21.380.090								1.0
LSK	HN	101	219	ES		2318	35.10-.480								1.0
LSK	HZ	101	219	IAML	A	2318	39.14			49	0.4				
PHP	HZ	119	321	EP		2318	23.48-.810								1.0
PHP	HN	119	321	ES		2318	40.87-.130								1.0
PHP	HZ	119	321	IAML		2318	43.66			11	0.5				
THL	HZ	154	158	EP		2318	29.25-.820								1.0
THL	HN	154	158	ES		2318	51.40-.070								1.0
SRN	HZ	158	227	EP		2318	31.520.840								0.9
SRN	HE	158	227	ES		2318	53.230.650								0.9
SRN	HZ	158	227	IAML		2318	54.73			8	0.9				
IGT	HZ	171	211	EP		2318	33.290.480								0.9
IGT	HE	171	211	ES		2318	55.98-.460								0.9
IGT	HZ	171	211	IAML		2319	4.19			7	0.2				
PUK	HZ	179	318	EP		2318	34.030.060								0.9

PUK	HE	179	318	ES		2318	58.850.310										0.9
PUK	HZ	179	318	IAML	A	2319	4.73		4	0.4							
KEK	HZ	183	227	EP		2318	35.260.860										0.9
KEK	HE	183	227	ES		2318	59.15-.170										0.9
BCI	HZ	199	328	EP		2318	36.540.120										0.9
BCI	HZ	199	328	IAML		2319	12.18		7	0.9							
SDA	HZ	204	311	EP		2318	37.010.040										0.9
SDA	HN	204	311	ES		2319	3.990.020										0.9
SDA	HZ	204	311	IAML		2319	10.85		4	0.3							

**January 19 2022 Hour: 23:41 29.3 Lat: 40.88N Lon: 21.34E D: 6.6 Ag: TIR Local**  
**Magnitudes: 2.9ML TIR 3.4MW TIR Rms: 0.6 secs**  
**38 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	54	239	EP		2341	39.490.380								1.0
KBN	HN	54	239	ES		2341	46.82-.230								1.0
KBN	HZ	54	239	IAML	A	2341	47.96			351	0.4				
NEST	HZ	57	206	EP		2341	40.230.670								1.0
NEST	HN	57	206	ES		2341	48.120.250								1.0
NEST	HZ	57	206	IAML	A	2341	50.00			1791	0.6				
LSK	HZ	102	218	EP		2341	47.550.150								1.0
LSK	HN	102	218	ES		2342	1.32-.740								1.0
LSK	HZ	102	218	IAML	A	2342	5.30			296	0.4				
PHP	HZ	117	320	EP		2341	49.25-.580								1.0
PHP	HN	117	320	ES		2342	5.58-.880								1.0
PHP	HZ	117	320	IAML	A	2342	9.47			151	1.0				
BERA	HZ	119	261	EP		2341	49.51-.590								1.0
BERA	HE	119	261	ES		2342	7.200.250								1.0
BERA	HZ	119	261	IAML		2342	13.69			83	1.1				
TIR	HZ	134	293	EP		2341	52.720.030								1.0
TIR	HE	134	293	ES		2342	11.32-.320								1.0
TIR	HZ	134	293	IAML		2342	16.05			38	0.4				
THE	HZ	140	101	EP		2341	54.030.400								1.0
THE	HE	140	101	ES		2342	13.760.420								1.0
THE	HZ	140	101	IAML	A	2342	14.75			36	0.8				
THL	HZ	157	158	EP		2341	55.47-.940								1.0
THL	HE	157	158	ES		2342	17.11-1.26								1.0
SRN	HZ	159	226	EP		2341	57.460.720								0.9
SRN	HE	159	226	ES		2342	18.71-.250								0.9
SRN	HZ	159	226	IAML	A	2342	20.55			37	0.4				
IGT	HZ	172	210	EP		2341	58.98-.020								0.9
IGT	HE	172	210	ES		2342	23.970.910								0.9
IGT	HZ	172	210	IAML	A	2342	30.67			60	0.5				
PUK	HZ	177	317	EP		2341	59.08-.770								0.9
PUK	HN	177	317	ES		2342	24.970.370								0.9
PUK	HZ	177	317	IAML	A	2342	30.90			41	0.4				
KEK	HZ	184	226	EP		2342	1.000.290								0.9
KEK	HZ	184	226	IAML	A	2342	27.07			60	0.7				
BCI	HZ	196	328	EP		2342	2.21-.110								0.9
BCI	HZ	196	328	IAML	A	2342	37.56			59	0.6				
SDA	HZ	201	311	EP		2342	3.510.610								0.9
SDA	HE	201	311	ES		2342	30.780.660								0.9
SDA	HZ	201	311	IAML		2342	36.89			21	0.5				
PDG	HZ	244	316	EP		2342	9.280.880								0.9
PDG	HZ	244	316	IAML	A	2342	50.37			25	1.0				

**January 20 2022 Hour: 0:26 14.3 Lat: 39.84N Lon: 20.04E D: 3.7 Ag: TIR Local**  
**Magnitudes: 1.1ML TIR Rms: 0.4 secs**  
**4 km S of Sarande**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	6	323	EP		026	15.580.070								1.0
SRN	HE	6	323	ES		026	16.790.300								1.0
SRN	HZ	6	323	IAML		026	17.01			63	0.1				
KEK	HZ	25	236	EP		026	18.51-.320								1.0



KEK	HN	25	236	ES	026	22.48-	.010								1.0
KEK	HZ	25	236	IAML	026	22.86		41	0.2						
IGT	HZ	42	144	EP	026	21.61-	.280								1.0
IGT	HN	42	144	ES	026	28.480.	.440								1.0
IGT	HZ	42	144	IAML	026	30.86		9	0.9						
LSK	HZ	59	54	EP	026	23.99-	.850								1.0
LSK	HN	59	54	ES	026	33.30-	.080								1.0
LSK	HZ	59	54	IAML	026	36.66		4	0.6						
NEST	HZ	107	53	EP	026	34.130.	.730								1.0

January 20 2022 Hour: 0:59 57.2 Lat: 39.54N Lon: 20.68E D: 17.0 Ag: TIR Local  
Magnitudes: 1.4ML TIR Rms: 0.5 secs

44 km E of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	30	268	EP		1 0	3.660.	.380							1.0
IGT	HN	30	268	ES		1 0	7.95-	.220							1.0
IGT	HZ	30	268	IAML		1 0	8.38		41	0.2					
LSK	HZ	68	354	EP		1 0	10.330.	.930							1.0
LSK	HN	68	354	ES		1 0	18.97-	.280							1.0
SRN	HZ	69	303	EP		1 0	9.07-	.530							1.0
SRN	HN	69	303	ES		1 0	20.180.	.580							1.0
SRN	HZ	69	303	IAML		1 0	20.78		3	0.5					
KEK	HZ	78	284	EP		1 0	11.390.	.340							1.0
KEK	HE	78	284	ES		1 0	21.69-	.550							1.0
KEK	HZ	78	284	IAML		1 0	26.18		7	0.5					
NEST	HZ	102	18	EP		1 0	14.29-	.750							1.0
NEST	HE	102	18	ES		1 0	29.560.	.110							1.0

January 20 2022 Hour: 4:39 23.8 Lat: 39.78N Lon: 20.42E D: 32.3 Ag: TIR Local  
Magnitudes: 1.3ML TIR Rms: 0.4 secs

24 km NE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	29	196	EP		439	31.150.	.050							1.0
IGT	HE	29	196	ES		439	36.98-	.060							1.0
IGT	HZ	29	196	IAML		439	39.53		9	0.1					
SRN	HZ	38	287	EP		439	32.04-	.100							1.0
SRN	HN	38	287	ES		439	38.61-	.310							1.0
SRN	HZ	38	287	IAML		439	39.48		13	0.3					
LSK	HZ	43	20	EP		439	32.26-	.710							1.0
LSK	HN	43	20	ES		439	41.010.	.590							1.0
LSK	HZ	43	20	IAML		439	44.25		6	0.1					
KEK	HZ	54	262	EP		439	35.100.	.710							1.0
KEK	HE	54	262	ES		439	42.93-	.050							1.0
KEK	HZ	54	262	IAML		439	45.86		13	0.4					
NEST	HZ	88	37	EP		439	39.39-	.120							1.0
NEST	HZ	88	37	IAML		440	4.45		4	0.8					

January 20 2022 Hour: 5:28 15.0 Lat: 40.97N Lon: 19.78E D: 10.6 Ag: TIR Local  
Magnitudes: 1.2ML TIR Rms: 0.6 secs

7 km NE of Lushnje

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA	HZ	33	154	EP		528	20.86-	.320							1.0
BERA	HN	33	154	ES		528	25.92-	.280							1.0
BERA	HZ	33	154	IAML		528	27.58		22	0.1					
TIR	HZ	43	10	EP		528	22.900.	.080							1.0
TIR	HE	43	10	ES		528	29.180.	.010							1.0
PHP	HZ	97	35	EP		528	32.420.	.530							1.0
PHP	HN	97	35	ES		528	44.03-	1.56							1.0
PHP	HZ	97	35	IAML		528	48.50		3	0.5					
PUK	HZ	119	5	EP		528	36.220.	.530							1.0
PUK	HE	119	5	ES		528	52.810.	.350							1.0
PUK	HZ	119	5	IAML		528	55.28		3	0.3					
SDA	HN	122	349	ES		528	52.71-	.460							1.0
SRN	HE	123	171	ES		528	52.71-	.560							1.0

NEST HZ	124	119	EP		528	36.830.410										1.0
NEST HE	124	119	ES		528	54.550.760										1.0
BCI HZ	157	9	EP		528	42.520.610										1.0

**January 20 2022 Hour: 7:56 58.5 Lat: 39.68N Lon: 20.45E D: 16.5 Ag: TIR Local**  
**Magnitudes: 0.9ML TIR Rms: 0.9 secs**  
**23 km E of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	19	212	EP		757	3.310.330								1.0
IGT	HN	19	212	ES		757	6.32-.280								1.0
SRN	HZ	45	300	EP		757	7.070.290								1.0
SRN	HN	45	300	ES		757	13.650.170								1.0
SRN	HZ	45	300	IAML		757	14.73			4	0.1				
LSK	HZ	54	14	EP		757	9.100.760								1.0
LSK	HN	54	14	ES		757	17.170.880								1.0
KEK	HZ	56	274	EP		757	8.47-.200								1.0
KEK	HN	56	274	ES		757	16.19-.720								1.0
KEK	HZ	56	274	IAML		757	18.24			11	0.2				
NEST	HZ	96	32	EP		757	16.300.930								1.0
NEST	HN	96	32	ES		757	26.85-2.17								1.0
NEST	HZ	96	32	IAML		757	34.46			1	0.4				

**January 20 2022 Hour: 10:43 42.1 Lat: 38.65N Lon: 20.63E D: 2.5 Ag: TIR Local**  
**Magnitudes: 2.6ML TIR 3.2MW TIR Rms: 0.6 secs**  
**119 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	102	345	EP		1043	59.99-.240								1.0
IGT	HE	102	345	ES		1044	14.88-.070								1.0
IGT	HZ	102	345	IAML	A	1044	18.96			163	0.3				
KEK	HZ	139	329	EP		1044	5.86-.550								1.0
KEK	HN	139	329	ES		1044	26.180.040								1.0
KEK	HZ	139	329	IAML	A	1044	29.54			84	0.7				
SRN	HZ	147	339	EP		1044	8.470.600								1.0
SRN	HN	147	339	ES		1044	28.60-.170								1.0
SRN	HZ	147	339	IAML		1044	34.49			21	0.6				
THL	HZ	157	49	EP		1044	9.18-.350								1.0
THL	HN	157	49	ES		1044	31.63-.150								1.0
LSK	HZ	167	359	EP		1044	11.930.730								0.9
LSK	HN	167	359	ES		1044	35.670.870								0.9
LSK	HZ	167	359	IAML		1044	40.06			34	0.7				
ITM	HZ	199	145	EP		1044	15.36-.520								0.9
ITM	HN	199	145	ES		1044	43.860.590								0.9
NEST	HZ	200	10	EP		1044	16.980.910								0.9
NEST	HN	200	10	ES		1044	42.87-.750								0.9
NEST	HZ	200	10	IAML	A	1044	59.69			19	0.5				
TIP	HZ	341	281	EP		1044	34.190.040								0.8
PUK	HZ	382	351	EP		1044	38.08-1.39								0.8
PUK	HZ	382	351	IAML	A	1045	21.89			3	0.6				

**January 20 2022 Hour: 12:18 47.2 Lat: 39.84N Lon: 20.04E D: 7.9 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 2.7MW TIR Rms: 0.6 secs**  
**4 km SE of Sarande**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	6	320	EP		1218	49.000.010								1.0
SRN	HN	6	320	ES		1218	50.10-.310								1.0
SRN	HZ	6	320	IAML	A	1218	50.34			1107	0.1				
KEK	HZ	25	236	IP		1218	51.96-.030								1.0
KEK	HN	25	236	ES		1218	55.62-.210								1.0
KEK	HZ	25	236	IAML	A	1218	56.07			561	0.2				
IGT	HZ	42	144	EP		1218	55.120.210								1.0
IGT	HN	42	144	ES		1219	1.140.010								1.0
IGT	HZ	42	144	IAML	A	1219	5.06			138	0.3				
LSK	HZ	59	54	EP		1218	57.73-.090								1.0
LSK	HN	59	54	ES		1219	6.410.020								1.0

LSK	HZ	59	54	IAML	A	1219	10.57				42	0.3					
BERA	HZ	96	355	EP		1219	4.430.250										1.0
BERA	HE	96	355	ES		1219	18.190.290										1.0
BERA	HZ	96	355	IAML		1219	23.14				74	0.4					
NEST	HZ	107	53	EP		1219	7.15 1.13										1.0
NEST	HN	107	53	ES		1219	20.57-.660										1.0
NEST	HZ	107	53	IAML		1219	25.89				15	0.3					
THL	HZ	172	100	EP		1219	18.00 1.22										0.9
THL	HN	172	100	ES		1219	39.69-1.01										0.9
PHP	HZ	208	9	EP		1219	21.39-.170										0.9
PUK	HZ	245	357	EP		1219	25.52-.860										0.9

**January 20 2022 Hour: 12:56 6.6 Lat: 41.05N Lon: 20.09E D: 1.9 Ag: TIR Local**  
**Magnitudes: 1.2ML TIR Rms: 0.6 secs**  
**6 km S of Elbasan**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HN	76	129	ES		1256	31.520.420								1.0
PHP	HZ	76	23	EP		1256	19.00-1.21								1.0
PHP	HN	76	23	ES		1256	31.550.330								1.0
NEST	HZ	108	131	EP		1256	26.260.420								1.0
NEST	HE	108	131	ES		1256	41.05-.370								1.0
PUK	HZ	111	352	EP		1256	26.480.010								1.0
PUK	HN	111	352	ES		1256	42.970.410								1.0
PUK	HZ	111	352	IAML		1256	45.29				2	0.3			

**January 20 2022 Hour: 13:51 39.9 Lat: 39.67N Lon: 20.28E D: 6.6 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR Rms: 0.9 secs**  
**8 km E of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	16	164	EP		1351	42.51-.460								1.0
IGT	HE	16	164	ES		1351	45.39-.050								1.0
IGT	HZ	16	164	IAML		1351	46.90			552	0.2				
SRN	HZ	34	314	EP		1351	45.41-.650								1.0
SRN	HE	34	314	ES		1351	50.66-.370								1.0
SRN	HZ	34	314	IAML		1351	52.94			140	0.4				
KEK	HZ	42	277	IP	A	1351	47.720.230								1.0
KEK	HN	42	277	ES		1351	54.390.770								1.0
KEK	HZ	42	277	IAML		1351	59.44			399	0.4				
LSK	HZ	60	27	EP		1351	49.91-.800								1.0
LSK	HN	60	27	ES		1352	1.03 1.59								1.0
LSK	HZ	60	27	IAML		1352	6.14			75	0.4				
LKD2	HZ	103	162	EP		1351	56.90-1.18								1.0
LKD2	HE	103	162	ES		1352	13.96 1.18								1.0
NEST	HZ	106	38	EP		1351	57.63-.950								1.0
NEST	HE	106	38	ES		1352	13.63-.060								1.0
NEST	HZ	106	38	IAML		1352	16.77			38	0.5				
THL	HZ	149	94	EP		1352	7.26 1.49								1.0
THL	HN	149	94	ES		1352	26.02-.690								1.0

**January 20 2022 Hour: 14:17 46.8 Lat: 41.46N Lon: 19.64E D: 5.9 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR Rms: 0.6 secs**  
**7 km N of Vore**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	22	122	EP		1417	51.070.090								1.0
TIR	HE	22	122	ES		1417	54.780.440								1.0
TIR	HZ	22	122	IAML		1417	56.37			53	0.1				
SDA	HZ	67	350	EP		1417	58.10-.730								1.0
SDA	HN	67	350	ES		1418	8.670.110								1.0
PUK	HZ	69	18	EP		1417	58.97-.150								1.0
PUK	HE	69	18	ES		1418	9.450.370								1.0
PUK	HZ	69	18	IAML		1418	16.35			16	0.5				
PHP	HZ	72	69	EP		1417	59.05-.610								1.0
PHP	HN	72	69	ES		1418	9.74-.310								1.0
PHP	HZ	72	69	IAML		1418	13.92			15	0.5				

BERA	HZ	88	163	EP		1418	3.71	1.24									1.0
BERA	HE	88	163	ES		1418	14.58	-.560									1.0
BCI	HZ	107	19	EP		1418	5.910	.150									1.0
BCI	HN	107	19	ES		1418	21.680	.580									1.0
BCI	HZ	107	19	IAML		1418	24.08		10	0.4							
PDG	HZ	113	344	EP		1418	7.130	.500									1.0
PDG	HE	113	344	ES		1418	22.16	-.500									1.0
PDG	HZ	113	344	IAML		1418	24.25		22	0.5							
NEST	HZ	166	134	EP		1418	14.84	-.710									0.9

**January 20 2022 Hour: 15:14 53.2 Lat: 40.78N Lon: 21.39E D: 11.0 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR 2.3MW TIR Rms: 0.6 secs**  
**38 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	50	216	EP		1515	2.580	.190							1.0
NEST	HE	50	216	ES		1515	10.270	.460							1.0
NEST	HZ	50	216	IAML	A	1515	11.49		77	0.2					
KBN	HZ	54	251	EP		1515	3.00	-.030							1.0
KBN	HE	54	251	ES		1515	10.48	-.480							1.0
KBN	HZ	54	251	IAML	A	1515	12.38		37	0.2					
LSK	HZ	97	224	EP		1515	10.22	-.030							1.0
LSK	HN	97	224	ES		1515	23.91	-.110							1.0
LSK	HZ	97	224	IAML		1515	31.59		12	1.2					
PHP	HZ	128	322	EP		1515	15.440	.110							1.0
PHP	HN	128	322	ES		1515	32.47	-.740							1.0
PHP	HZ	128	322	IAML		1515	33.90		4	0.4					
THL	HZ	145	158	EP		1515	18.620	.450							1.0
THL	HE	145	158	ES		1515	37.55	-.810							1.0
SRN	HZ	155	230	EP		1515	20.540	.730							1.0
SRN	HE	155	230	ES		1515	42.100	.770							1.0
SRN	HZ	155	230	IAML		1515	44.49		11	0.8					
IGT	HZ	166	213	EP		1515	22.100	.510							0.9
IGT	HN	166	213	ES		1515	43.21	-1.34							0.9
PUK	HZ	188	319	EP		1515	24.750	.080							0.9
PUK	HN	188	319	ES		1515	50.390	.270							0.9
PUK	HZ	188	319	IAML		1515	55.85		2	0.2					

**January 20 2022 Hour: 16:38 19.7 Lat: 39.73N Lon: 20.55E D: 11.1 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR Rms: 0.8 secs**  
**32 km E of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	29	220	EP		1638	26.130	.790							1.0
IGT	HN	29	220	ES		1638	29.31	-.580							1.0
IGT	HZ	29	220	IAML		1638	29.75		59	0.3					
SRN	HZ	50	289	EP		1638	29.710	.930							1.0
SRN	HN	50	289	ES		1638	36.350	.230							1.0
SRN	HZ	50	289	IAML		1638	38.90		4	0.2					
KEK	HZ	65	268	EP		1638	31.780	.530							1.0
KEK	HN	65	268	ES		1638	39.47	-1.11							1.0
KEK	HZ	65	268	IAML		1638	41.93		17	0.6					
NEST	HZ	87	29	EP		1638	34.15	-.780							1.0

**January 20 2022 Hour: 16:59 22.0 Lat: 39.88N Lon: 20.02E D: 11.4 Ag: TIR Local**  
**Magnitudes: 1.3ML TIR Rms: 0.2 secs**  
**0 km N of Sarande**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	2	278	IP		1659	24.360	.300							1.0
SRN	HN	2	278	IS		1659	25.62	-.110							1.0
SRN	HZ	2	278	IAML		1659	25.65		71	0.2					
KEK	HZ	26	226	IP		1659	27.220	.090							1.0
KEK	HN	26	226	IS		1659	31.04	-.250							1.0
KEK	HZ	26	226	IAML		1659	31.53		59	0.2					
IGT	HZ	47	145	IP		1659	30.42	-.110							1.0
IGT	HN	47	145	IS		1659	37.560	.120							1.0

IGT	HZ	47	145	IAML		1659	40.38			10	0.3						
LSK	HZ	58	58	EP		1659	32.32-.100										1.0
LSK	HN	58	58	ES		1659	40.49-.370										1.0
LSK	HZ	58	58	IAML		1659	44.87			5	0.4						
NEST	HZ	106	55	EP		1659	40.890.440										1.0
NEST	HZ	106	55	IAML		17	0 6.04			3	1.0						

**January 20 2022 Hour: 20:23 24.8 Lat: 40.00N Lon: 20.09E D: 10.0F Ag: TIR Local**  
**Magnitudes: 1.6ML TIR 2.1MW TIR Rms: 0.3 secs**  
**6 km N of Delvine**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
SRN	HZ	16	209	EP		2023	28.350.230								1.0	
SRN	HE	16	209	ES		2023	30.39-.400								1.0	
SRN	HZ	16	209	IAML	A	2023	30.73			68	0.6					
KEK	HZ	41	218	EP		2023	32.360.070								1.0	
KEK	HN	41	218	ES		2023	38.32-.020								1.0	
KEK	HZ	41	218	IAML		2023	39.48			36	0.2					
LSK	HZ	47	69	EP		2023	32.95-.410								1.0	
LSK	HN	47	69	ES		2023	40.13-.160								1.0	
LSK	HZ	47	69	IAML		2023	45.28			13	0.9					
IGT	HZ	56	158	EP		2023	35.150.160								1.0	
IGT	HE	56	158	ES		2023	43.320.090								1.0	
IGT	HZ	56	158	IAML		2023	48.30			18	1.0					
NEST	HZ	94	61	EP		2023	41.710.430								1.0	
NEST	HZ	94	61	IAML		2024	5.24			7	1.7					

**January 21 2022 Hour: 0: 0 19.9 Lat: 41.97N Lon: 19.25E D: 22.1 Ag: TIR Local**  
**Magnitudes: 1.4ML TIR Rms: 0.2 secs**  
**24 km SW of Shkoder**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
SDA	HZ	23	66	EP		0 0	25.490.150								1.0	
SDA	HN	23	66	ES		0 0	29.760.010								1.0	
SDA	HZ	23	66	IAML		0 0	29.88			56	0.2					
PDG	HZ	51	1	EP		0 0	29.37-.140								1.0	
PDG	HN	51	1	ES		0 0	37.28-.010								1.0	
PUK	HZ	54	81	EP		0 0	30.130.160								1.0	
PUK	HN	54	81	ES		0 0	37.85-.280								1.0	
PUK	HZ	54	81	IAML		0 0	38.64			5	0.3					
BCI	HZ	81	56	EP		0 0	34.18-.090								1.0	
BCI	HN	81	56	ES		0 0	46.100.190								1.0	

**January 21 2022 Hour: 0:11 34.2 Lat: 41.34N Lon: 19.06E D: 27.8 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR 2.4MW TIR Rms: 0.4 secs**  
**32 km W of Durres**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
PUK	HZ	104	41	EP		011	53.050.700								1.0	
PUK	HN	104	41	ES		012	7.470.400								1.0	
PUK	HZ	104	41	IAML		012	38.97			8	1.4					
PDG	HZ	122	8	EP		011	54.47-.580								1.0	
PDG	HZ	122	8	ES		012	11.83-.120								1.0	
PDG	HZ	122	8	IAML		012	14.43			33	1.9					
PHP	HZ	122	71	EP		011	55.110.070								1.0	
PHP	HZ	122	71	ES		012	11.38-.540								1.0	
PHP	HZ	122	71	IAML		012	20.08			12	0.8					
SRN	HZ	181	153	EP		012	2.71-.170								0.9	
KEK	HZ	191	161	EP		012	4.470.210								0.9	

**January 21 2022 Hour: 0:20 56.8 Lat: 41.39N Lon: 19.89E D: 23.2 Ag: TIR Local**  
**Magnitudes: 1.3ML TIR Rms: 0.4 secs**  
**9 km NE of Tirane**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
TIR	HZ	5	199	EP		021	1.050.080								1.0	
TIR	HN	5	199	ES		021	4.09-.240								1.0	
TIR	HZ	5	199	IAML		021	7.05			23	0.3					

PHP	HZ	56	55	EP	021	6.73-.630									1.0
PHP	HN	56	55	ES	021	16.300.410									1.0
PHP	HZ	56	55	IAML	021	19.89			7	0.5					
PUK	HZ	72	0	EP	021	10.570.700									1.0
PUK	HN	72	0	ES	021	20.580.140									1.0
PUK	HZ	72	0	IAML	021	22.82			9	0.2					
SDA	HZ	80	336	EP	021	11.220.220									1.0
SDA	HN	80	336	ES	021	22.32-.150									1.0
BCI	HZ	109	8	EP	021	15.810.140									1.0
BCI	HN	109	8	ES	021	30.26-.670									1.0

**January 21 2022 Hour: 3: 6 21.0 Lat: 41.96N Lon: 19.23E D: 22.7 Ag: TIR Local**  
**Magnitudes: 1.3ML TIR Rms: 0.2 secs**  
**26 km SW of Shkoder**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SDA	HZ	25	66	EP		3 6	27.180.340								1.0
SDA	HN	25	66	ES		3 6	31.43-.110								1.0
SDA	HZ	25	66	IAML		3 6	31.55			71	0.2				
PDG	HZ	52	3	EP		3 6	31.040.200								1.0
PDG	HN	52	3	ES		3 6	38.64-.130								1.0
PDG	HZ	52	3	IAML		3 6	41.89			8	0.2				
PUK	HZ	56	80	EP		3 6	31.48-.020								1.0
PUK	HN	56	80	ES		3 6	39.88-.080								1.0
PUK	HZ	56	80	IAML		3 6	43.06			5	0.1				
BCI	HZ	83	57	EP		3 6	35.820.030								1.0
BCI	HN	83	57	ES		3 6	47.740.010								1.0
BCI	HZ	83	57	IAML		3 6	49.96			5	0.1				
PHP	HZ	105	106	EP		3 6	38.80-.560								1.0
PHP	HN	105	106	ES		3 6	54.500.320								1.0
PHP	HZ	105	106	IAML		3 6	56.23			4	0.2				

**January 21 2022 Hour: 7:49 17.8 Lat: 40.75N Lon: 21.36E D: 15.0F Ag: TIR Local**  
**Magnitudes: 2.2ML TIR 2.8MW TIR Rms: 0.9 secs**  
**34 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	46	216	IP		749	25.73-.490								1.0
NEST	HN	46	216	IS		749	32.64-.420								1.0
NEST	HZ	46	216	IAML		749	33.81			130	0.2				
KBN	HZ	51	254	IP		749	26.65-.360								1.0
KBN	HN	51	254	IS		749	33.84-.660								1.0
KBN	HZ	51	254	IAML		749	35.92			53	0.6				
LSK	HZ	93	225	IP		749	33.71-.320								1.0
LSK	HN	93	225	IS		749	47.17-.020								1.0
LSK	HZ	93	225	IAML		749	52.09			35	0.7				
PHP	HZ	130	324	IP		749	39.79-.330								1.0
PHP	HN	130	324	IS		749	57.10-1.13								1.0
PHP	HZ	130	324	IAML		750	0.41			15	0.7				
THL	HZ	143	157	IP		749	40.79-1.49								1.0
THL	HN	143	157	IS		750	2.150.020								1.0
SRN	HZ	151	231	IP		749	45.43 1.86								1.0
SRN	HN	151	231	IS		750	4.37-.090								1.0
SRN	HZ	151	231	IAML		750	7.81			18	0.6				
IGT	HZ	161	213	IP		749	47.03 1.80								0.9
IGT	HN	161	213	IS		750	7.640.170								0.9
PUK	HZ	189	320	IP		749	49.890.960								0.9
PUK	HN	189	320	IS		750	15.120.950								0.9
PUK	HZ	189	320	IAML		750	16.17			6	0.4				

**January 21 2022 Hour: 9: 9 38.7 Lat: 42.04N Lon: 20.05E D: 1.4 Ag: TIR Local**  
**Magnitudes: 1.1ML TIR Rms: 0.5 secs**  
**3 km SE of Fushe-Arrez**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	13	270	IP		9 9	40.36	-.640							1.0
PUK	HN	13	270	IS		9 9	43.18	0.310							1.0
PUK	HZ	13	270	IAML		9 9	44.33			83	0.2				
BCI	HZ	36	3	IP		9 9	44.85	-.270							1.0
BCI	HN	36	3	IS		9 9	50.52	0.200							1.0
BCI	HZ	36	3	IAML		9 9	51.50			17	0.1				
SDA	HZ	45	271	IP		9 9	46.39	-.380							1.0
SDA	HN	45	271	IS		9 9	53.63	0.310							1.0
SDA	HZ	45	271	IAML		9 9	54.05			4	0.1				
PHP	HZ	52	140	IP		9 9	48.82	0.910							1.0
PHP	HN	52	140	IS		9 9	54.94	-.430							1.0
PHP	HZ	52	140	IAML		9 9	55.08			4	0.2				

**January 21 2022 Hour: 17:18 11.1 Lat: 41.90N Lon: 20.17E D: 16.4 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR Rms: 0.2 secs**  
**21 km SE of Fushe-Arrez**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	28	304	IP		1718	16.67	-.140							1.0
PUK	HE	28	304	IS		1718	21.75	0.300							1.0
PUK	HZ	28	304	IAML		1718	22.26			105	0.5				
PHP	HZ	33	137	IP		1718	17.66	0.090							1.0
PHP	HN	33	137	IS		1718	22.74	-.080							1.0
PHP	HZ	33	137	IAML		1718	24.53			56	0.1				
BCI	HZ	52	350	EP		1718	20.70	0.100							1.0
BCI	HN	52	350	ES		1718	28.03	-.290							1.0
BCI	HZ	52	350	IAML		1718	30.51			32	0.4				
SDA	HZ	58	286	IP		1718	21.39	-.160							1.0
SDA	HN	58	286	IS		1718	29.66	-.370							1.0
SDA	HZ	58	286	IAML		1718	31.13			24	0.1				
PDG	HZ	95	308	EP		1718	28.12	0.400							1.0
PDG	HE	95	308	ES		1718	41.33	0.140							1.0
PDG	HZ	95	308	IAML		1718	43.91			13	0.5				

**January 21 2022 Hour: 17:45 51.5 Lat: 41.28N Lon: 20.33E D: 15.5 Ag: TIR Local**  
**Magnitudes: 1.6ML TIR Rms: 0.3 secs**  
**10 km N of Librazhd**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	40	282	EP		1745	58.93	-.010							1.0
TIR	HN	40	282	ES		1746	5.01	0.040							1.0
TIR	HZ	40	282	IAML		1746	5.81			28	0.2				
PHP	HZ	46	12	EP		1746	0.19	0.170							1.0
PHP	HN	46	12	ES		1746	6.96	0.020							1.0
PHP	HZ	46	12	IAML		1746	10.80			7	0.2				
PUK	HZ	93	337	EP		1746	7.71	0.020							1.0
PUK	HN	93	337	ES		1746	20.50	-.320							1.0
PUK	HZ	93	337	IAML		1746	22.22			5	0.2				
SDA	HZ	110	321	IAML		1746	28.15			7	0.2				
NEST	HZ	113	147	EP		1746	11.81	0.640							1.0
NEST	HN	113	147	ES		1746	26.56	-.560							1.0
NEST	HZ	113	147	IAML		1746	31.99			8	0.5				

**January 21 2022 Hour: 19:13 1.7 Lat: 40.77N Lon: 21.38E D: 4.7 Ag: TIR Local**  
**Magnitudes: 1.6ML TIR Rms: 0.5 secs**  
**36 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	49	215	EP		1913	10.83	0.350							1.0
NEST	HN	49	215	ES		1913	17.67	0.100							1.0
NEST	HZ	49	215	IAML		1913	19.49			36	0.2				
KBN	HZ	53	252	EP		1913	11.51	0.300							1.0

KBN	HN	53	252	ES		1913	18.06	-.840							1.0
KBN	HZ	53	252	IAML		1913	19.84		10	0.3					
LSK	HZ	96	224	EP		1913	19.670	.800							1.0
THL	HZ	145	158	EP		1913	26.09	-.830							1.0
IGT	HZ	164	213	EP		1913	30.230	.020							0.9
IGT	HN	164	213	ES		1913	53.320	.040							0.9

**January 21 2022 Hour: 23:42 23.3 Lat: 41.95N Lon: 19.26E D: 20.5 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR Rms: 0.6 secs**  
**25 km SW of Shkoder**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SDA	HZ	23	61	EP		2342	29.100	.470							1.0
SDA	HN	23	61	ES		2342	32.52	-.450							1.0
SDA	HZ	23	61	IAML		2342	33.46		189	0.2					
PDG	HZ	53	0	EP		2342	33.00	-.150							1.0
PDG	HE	53	0	ES		2342	40.67	-.470							1.0
PDG	HZ	53	0	IAML		2342	43.79		19	0.2					
PUK	HZ	54	79	EP		2342	33.690	.420							1.0
PUK	HE	54	79	ES		2342	40.95	-.420							1.0
PUK	HZ	54	79	IAML		2342	42.09		18	0.3					
BCI	HZ	82	55	EP		2342	37.71	-.040							1.0
BCI	HN	82	55	ES		2342	49.810	.330							1.0
BCI	HZ	82	55	IAML		2342	53.43		15	0.4					
TIR	HN	84	143	ES		2342	50.590	.480							1.0
PHP	HZ	103	106	EP		2342	41.470	.220							1.0
PHP	HN	103	106	ES		2342	55.78	-.030							1.0
PHP	HZ	103	106	IAML		2342	58.34		9	0.3					
BERA	HN	150	157	ES		2343	8.04	-1.23							1.0
NEST	HZ	227	138	EP		2343	0.23	1.47							0.9
NEST	HN	227	138	ES		2343	27.01	-.490							0.9

**January 22 2022 Hour: 0:14 39.5 Lat: 42.06N Lon: 20.07E D: 10.9 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR 2.5MW TIR Rms: 0.5 secs**  
**3 km E of Fushe-Arrez**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	14	262	EP		014	43.080	.240							1.0
PUK	HN	14	262	ES		014	45.37	-.170							1.0
PUK	HZ	14	262	IAML	A	014	46.08		1841	0.1					
BCI	HZ	34	0	EP		014	46.160	.270							1.0
BCI	HN	34	0	ES		014	51.230	.160							1.0
BCI	HZ	34	0	IAML	A	014	54.58		132	0.4					
SDA	HZ	47	269	EP		014	48.040	.020							1.0
SDA	HE	47	269	ES		014	54.980	.070							1.0
SDA	HZ	47	269	IAML	A	014	58.98		64	0.4					
PHP	HZ	52	143	EP		014	48.12	-.830							1.0
PHP	HN	52	143	ES		014	56.21	-.390							1.0
PHP	HZ	52	143	IAML		014	58.29		35	0.3					
PDG	HZ	78	302	EP		014	52.58	-.630							1.0
PDG	HN	78	302	ES		015	4.15	-.170							1.0
PDG	HZ	78	302	IAML	A	015	5.99		46	0.3					
TIR	HZ	81	192	EP		014	53.840	.120							1.0
TIR	HN	81	192	ES		015	5.500	.250							1.0
TIR	HZ	81	192	IAML	A	015	8.49		18	0.3					
NEST	HZ	201	155	EP		015	13.86	1.27							0.9

**January 22 2022 Hour: 2:55 48.2 Lat: 42.53N Lon: 20.00E D: 3.2 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR Rms: 0.5 secs**  
**21 km N of Bajram\_Curri**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BCI	HZ	19	164	EP		255	51.740	.120							1.0
BCI	HN	19	164	ES		255	54.710	.290							1.0
BCI	HZ	19	164	IAML		255	55.13		422	0.2					
PUK	HZ	55	190	EP		255	58.040	.020							1.0
PUK	HE	55	190	ES		256	5.61	-.380							1.0



PUK	HZ	55	190	IAML	256	6.87			52	0.2				
PDG	HZ	62	260	EP	255	59.16-	.120							1.0
PDG	HN	62	260	ES	256	7.90-	.370							1.0
PDG	HZ	62	260	IAML	256	10.94			96	0.5				
SDA	HZ	68	218	EP	255	59.83-	.440							1.0
SDA	HN	68	218	ES	256	11.28	1.22							1.0
SDA	HZ	68	218	IAML	256	13.20			54	0.7				
PHP	HZ	101	159	EP	256	5.89-	.270							1.0
PHP	HN	101	159	ES	256	20.51-	.230							1.0
PHP	HZ	101	159	IAML	256	22.43			14	0.4				
TIR	HZ	132	185	EP	256	11.560.	.180							1.0
TIR	HE	132	185	ES	256	29.41-	.760							1.0
TIR	HZ	132	185	IAML	256	35.57			8	0.7				
BERA	HZ	203	181	EP	256	22.31-	.110							0.9
BERA	HN	203	181	ES	256	50.180.	.010							0.9
KBN	HZ	222	163	EP	256	25.730.	.840							0.9
NEST	HZ	251	159	EP	256	28.800.	.150							0.9

**January 22 2022 Hour: 4:0 20.4 Lat: 40.72N Lon: 19.73E D: 10.7 Ag: TIR Local**  
**Magnitudes: 1.5ML TIR 1.9MW TIR Rms: 0.3 secs**

**2 km S of Roskovec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BPA1	HN	6	268	IP		4	0	22.690.	.100						1.0
BERA	HZ	19	97	EP		4	0	23.99-	.340						1.0
BERA	HN	19	97	ES		4	0	27.45-	.050						1.0
BERA	HZ	19	97	IAML		4	0	27.82		45	0.2				
TIR	HZ	70	10	EP		4	0	32.45-	.380						1.0
KBN	HZ	91	97	EP		4	0	36.510.	.250						1.0
KBN	HE	91	97	ES		4	0	48.94-	.170						1.0
KBN	HZ	91	97	IAML		4	0	52.06		5	0.5				
SRN	HZ	97	166	EP		4	0	37.06-	.180						1.0
SRN	HE	97	166	ES		4	0	50.59-	.300						1.0
KEK	HZ	113	177	EP		4	0	40.260.	.360						1.0
KEK	HN	113	177	ES		4	0	55.59-	.100						1.0
NEST	HZ	117	107	EP		4	0	41.670.	.930						1.0
NEST	HZ	117	107	IAML		4	1	3.57		4	0.5				
PHP	HZ	122	29	EP		4	0	41.820.	.270						1.0
PHP	HN	122	29	ES		4	0	58.44-	.250						1.0
IGT	HZ	142	158	EP		4	0	44.67-	.170						1.0
PUK	HZ	147	5	EP		4	0	45.740.	.060						1.0
PUK	HZ	147	5	IAML		4	1	8.79		3	0.2				

**January 22 2022 Hour: 5:28 37.8 Lat: 40.78N Lon: 21.41E D: 11.1 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR 2.3MW TIR Rms: 0.6 secs**

**39 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	51	217	EP		528	47.610.	.550							1.0
NEST	HN	51	217	ES		528	54.50-	.060							1.0
NEST	HZ	51	217	IAML	A	528	55.35			75	0.4				
KBN	HZ	55	251	EP		528	48.330.	.560							1.0
KBN	HE	55	251	ES		528	55.69-	.150							1.0
KBN	HZ	55	251	IAML		528	58.20			11	0.2				
LSK	HZ	98	225	EP		528	55.310.	.380							1.0
LSK	HN	98	225	ES		529	8.22-	.590							1.0
BERA	HZ	123	266	EP		528	59.400.	.320							1.0
PHP	HZ	129	321	EP		529	0.720.	.710							1.0
PHP	HN	129	321	ES		529	16.74-	1.26							1.0
PHP	HZ	129	321	IAML		529	19.24			6	0.3				
THL	HZ	145	159	EP		529	3.130.	.470							1.0
THL	HN	145	159	ES		529	21.72-	1.07							1.0
IGT	HN	166	214	ES		529	29.370.	.090							0.9

**January 22 2022 Hour: 5:47 18.9 Lat: 41.60N Lon: 19.42E D: 17.6 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 2.8MW TIR Rms: 0.7 secs**

**24 km W of Lac**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	46	127	IP	A	547	27.520	.080							1.0
TIR	HN	46	127	ES		547	34.23-	.140							1.0
TIR	HZ	46	127	IAML	A	547	35.70			116	0.3				
SDA	HZ	51	7	EP		547	27.96-	.250							1.0
SDA	HN	51	7	ES		547	35.850	.080							1.0
SDA	HZ	51	7	IAML	A	547	39.04			145	0.3				
PUK	HZ	63	38	IP	A	547	29.98-	.290							1.0
PUK	HN	63	38	ES		547	39.45-	.040							1.0
PUK	HZ	63	38	IAML	A	547	43.53			75	0.7				
PHP	HZ	85	83	EP		547	33.44-	.470							1.0
PHP	HN	85	83	ES		547	45.79-	.300							1.0
PHP	HZ	85	83	IAML	A	547	48.67			61	0.3				
PDG	HZ	94	352	EP		547	35.790	.540							1.0
PDG	HN	94	352	ES		547	48.800	.290							1.0
PDG	HZ	94	352	IAML	A	547	55.51			47	0.3				
BCI	HZ	101	32	IP	A	547	35.64-	.850							1.0
BCI	HN	101	32	ES		547	51.220	.470							1.0
BCI	HZ	101	32	IAML	A	547	53.60			74	0.4				
BERA	HZ	109	156	EP		547	37.890	.170							1.0
BERA	HN	109	156	ES		547	52.35-	.630							1.0
BERA	HZ	109	156	IAML		547	57.44			125	1.0				
VLO	HZ	125	177	EP		547	41.83	1.32							1.0
VLO	HN	125	177	ES		547	58.150	.120							1.0
KBN	HZ	157	133	EP		547	45.48-	.180							1.0
KBN	HN	157	133	ES		548	8.66	1.32							1.0
NEST	HZ	189	133	EP		547	51.26	1.44							0.9
NEST	HZ	189	133	IAML		548	19.25			15	0.6				
LSK	HZ	189	148	EP		547	50.330	.620							0.9
SRN	HZ	197	165	EP		547	49.88-	.740							0.9
SRN	HZ	197	165	IAML		548	22.06			15	0.6				
KEK	HZ	211	171	EP		547	50.90-	1.65							0.9
IGT	HZ	242	161	EP		547	55.30-	1.13							0.9

**January 22 2022 Hour: 8:59 19.4 Lat: 39.93N Lon: 20.02E D: 14.8 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR Rms: 0.7 secs**

**5 km W of Delvine**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	6	200	EP		859	22.800	.600							1.0
SRN	HE	6	200	ES		859	24.14-	.310							1.0
SRN	HZ	6	200	IAML		859	24.79			396	0.1				
KEK	HZ	31	219	EP		859	25.640	.250							1.0
KEK	HN	31	219	ES		859	29.89-	.330							1.0
KEK	HZ	31	219	IAML		859	30.08			188	0.2				
IGT	HZ	51	149	EP		859	28.930	.190							1.0
IGT	HE	51	149	ES		859	36.17-	.110							1.0
IGT	HZ	51	149	IAML		859	38.53			30	0.2				
LSK	HZ	55	63	EP		859	30.58	1.17							1.0
NEST	HZ	103	58	EP		859	35.89-	1.46							1.0

**January 22 2022 Hour: 9:0 26.9 Lat: 38.60N Lon: 20.56E D: 5.9 Ag: TIR Local**  
**Magnitudes: 2.5ML TIR Rms: 0.4 secs**

**122 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	22	22	EP		9 0	31.500	.540							1.0
LKD2	HE	22	22	ES		9 0	34.08-	.200							1.0
IGT	HZ	105	349	EP		9 0	44.66-	.750							1.0
IGT	HN	105	349	ES		9 0	59.95-	.480							1.0
IGT	HZ	105	349	IAML		9 1	3.39			38	0.3				
KEK	HZ	140	332	EP		9 0	51.510	.310							1.0

KEK	HN	140	332	ES	9	1	11.280.380											1.0
KEK	HZ	140	332	IAML	9	1	14.26			41	0.8							
SRN	HZ	150	341	EP	9	0	52.72-.130											1.0
SRN	HN	150	341	ES	9	1	14.200.300											1.0
THL	HZ	165	49	EP	9	0	54.99-.370											0.9
THL	HN	165	49	ES	9	1	18.770.340											0.9
NEST	HZ	205	12	EP	9	1	1.320.140											0.9

**January 22 2022 Hour: 12:57 18.6 Lat: 38.68N Lon: 20.54E D: 2.3 Ag: TIR Local**  
**Magnitudes: 3.9ML TIR Rms: 0.5 secs**  
**112 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	97	349	EP		1257	35.76-.050								1.0
IGT	HN	97	349	ES		1257	49.800.020								1.0
IGT	HZ	97	349	IAML		1257	53.38			1522	0.2				
KEK	HZ	132	331	EP		1257	42.450.670								1.0
KEK	HN	132	331	ES		1258	0.800.220								1.0
KEK	HZ	132	331	IAML		1258	7.39			1107	0.5				
SRN	HZ	141	341	EP		1257	43.720.330								1.0
SRN	HN	141	341	ES		1258	2.97-.530								1.0
THL	HZ	161	52	EP		1257	46.56-.110								0.9
THL	HE	161	52	ES		1258	9.39-.040								0.9
LSK	HZ	163	2	EP		1257	47.970.830								0.9
LSK	HN	163	2	ES		1258	9.74-.540								0.9
LSK	HZ	163	2	IAML		1258	16.29			934	0.5				
NEST	HZ	198	13	EP		1257	52.950.600								0.9
NEST	HN	198	13	ES		1258	19.840.120								0.9
KBN	HZ	217	6	EP		1257	54.60-.210								0.9
KBN	HN	217	6	ES		1258	24.640.480								0.9
KBN	HZ	217	6	IAML		1258	33.51			243	0.7				
VLO	HZ	218	336	EP		1257	55.030.170								0.9
VLO	HZ	218	336	IAML		1258	30.69			341	0.4				
BERA	HZ	230	347	EP		1257	56.29-.150								0.9
BERA	HN	230	347	ES		1258	27.550.440								0.9
BERA	HZ	230	347	IAML		1258	35.98			365	0.5				
THE	HZ	301	43	EP		1258	5.710.290								0.8
TIR	HZ	302	349	EP		1258	5.49-.130								0.8
TIP	HZ	333	281	EP		1258	9.58-.050								0.8
PHP	HZ	334	359	EP		1258	9.65-.130								0.8
PUK	HZ	378	352	EP		1258	14.07-1.34								0.8
SDA	HZ	385	347	EP		1258	14.64-1.57								0.8
BCI	HZ	412	355	EP		1258	19.16-.550								0.7
BCI	HZ	412	355	IAML		1259	13.68			72	0.6				
PDG	HZ	430	346	IAML		1259	5.11			79	0.6				
RDO	HZ	507	56	EP		1258	31.940.010								0.6

**January 22 2022 Hour: 14:17 59.6 Lat: 38.74N Lon: 20.54E D: 5.0F Ag: TIR Local**  
**Magnitudes: 2.4ML TIR Rms: 0.5 secs**  
**105 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	89	348	EP		1418	15.03-.600								1.0
IGT	HN	89	348	ES		1418	28.04-.560								1.0
IGT	HZ	89	348	IAML		1418	32.42			45	0.2				
KEK	HZ	125	329	EP		1418	21.860.230								1.0
KEK	HE	125	329	ES		1418	40.260.810								1.0
KEK	HZ	125	329	IAML		1418	45.04			33	0.3				
SRN	HZ	135	340	EP		1418	22.81-.340								1.0
SRN	HE	135	340	ES		1418	41.83-.370								1.0
LSK	HZ	156	2	EP		1418	26.72-.100								1.0
LSK	HN	156	2	ES		1418	49.240.400								1.0
LSK	HZ	156	2	IAML		1418	55.10			21	0.4				
THL	HZ	157	54	EP		1418	26.38-.430								1.0
THL	HN	157	54	ES		1418	49.060.230								1.0
NEST	HZ	191	13	EP		1418	32.920.750								0.9

NEST HE 191 13 ES 1418 58.660.130 0.9

**January 22 2022 Hour: 17:17 27.4 Lat: 39.72N Lon: 20.45E D: 23.1 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR Rms: 0.2 secs**

**24 km E of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	23	206	IP		1717	33.140	.020							1.0
IGT	HN	23	206	IS		1717	37.750	.010							1.0
IGT	HZ	23	206	IAML		1717	38.92			75	0.3				
SRN	HZ	42	294	IP		1717	35.38	-.320							1.0
SRN	HN	42	294	IS		1717	42.460	.040							1.0
SRN	HZ	42	294	IAML		1717	43.32			37	0.5				
LSK	HZ	49	15	IP		1717	36.48	-.340							1.0
LSK	HN	49	15	IS		1717	44.650	.220							1.0
LSK	HZ	49	15	IAML		1717	47.60			18	0.3				
KEK	HZ	56	269	IP		1717	37.80	-.030							1.0
KEK	HN	56	269	IS		1717	46.430	.170							1.0
KEK	HZ	56	269	IAML		1717	48.11			23	0.3				
NEST	HZ	92	33	IP		1717	44.040	.390							1.0
NEST	HN	92	33	IS		1717	56.65	-.160							1.0
NEST	HZ	92	33	IAML		1718	1.73			7	0.8				

**January 22 2022 Hour: 18:22 57.8 Lat: 38.72N Lon: 20.37E D: 15.0F Ag: TIR Local**  
**Magnitudes: 2.1ML TIR Rms: 0.5 secs**

**105 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	90	358	IP		1823	12.67	-.820							1.0
IGT	HN	90	358	IS		1823	26.220	.020							1.0
IGT	HZ	90	358	IAML		1823	28.27			25	0.6				
KEK	HZ	120	336	IP		1823	18.54	-.060							1.0
KEK	HN	120	336	IS		1823	36.100	.650							1.0
KEK	HZ	120	336	IAML		1823	39.02			34	1.1				
SRN	HZ	132	346	IP		1823	20.800	.260							1.0
SRN	HN	132	346	IS		1823	38.31	-.660							1.0
SRN	HZ	132	346	IAML		1823	40.06			15	1.0				
NEST	HZ	196	17	IP		1823	30.200	.300							0.9
NEST	HN	196	17	IS		1823	56.320	.420							0.9
NEST	HZ	196	17	IAML		1823	59.92			8	0.5				

**January 22 2022 Hour: 18:35 52.1 Lat: 41.85N Lon: 20.14E D: 15.0F Ag: TIR Local**  
**Magnitudes: 1.1ML TIR Rms: 0.7 secs**

**23 km NE of Reshen**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	30	316	IP		1835	56.75	-.660							1.0
PUK	HN	30	316	IS		1836	1.890	.210							1.0
PUK	HZ	30	316	IAML		1836	2.33			12	0.1				
PHP	HZ	31	126	IP		1835	57.19	-.500							1.0
PHP	HN	31	126	IS		1836	2.220	.030							1.0
PHP	HZ	31	126	IAML		1836	2.64			13	0.2				
SDA	HN	57	293	IS		1836	9.84	-.860							1.0
BCI	HN	58	354	IS		1836	10.25	-.500							1.0
BCI	HZ			IP		1836	2.68								
BCI	HZ	58	354	IAML		1836	10.40			3	0.2				
SDA	HZ			IP		1836	2.39								
SDA	HZ	57	293	IAML		1836	10.47			7	0.2				

**January 22 2022 Hour: 19: 4 12.8 Lat: 42.33N Lon: 19.55E D: 3.6 Ag: TIR Local**  
**Magnitudes: 1.6ML TIR Rms: 0.6 secs**

**16 km NE of Koplik**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PDG	HZ	26	294	IP		19 4	16.95	-.470							1.0
PDG	HN	26	294	IS		19 4	21.670	.480							1.0
PDG	HZ	26	294	IAML		19 4	22.13			39	0.2				
SDA	HZ	32	187	IP		19 4	17.57	-.920							1.0

SDA	HN	32	187	IS		19	4	23.670.530								1.0
SDA	HZ	32	187	IAML		19	4	25.09	51	0.2						
BCI	HZ	43	85	IP		19	4	19.98-.480								1.0
BCI	HN	43	85	IS		19	4	27.090.380								1.0
BCI	HZ	43	85	IAML		19	4	27.62	76	0.2						
PHP	HZ	103	134	IP		19	4	32.010.800								1.0
PHP	HN	103	134	IS		19	4	45.85-.310								1.0
PHP	HZ	103	134	IAML		19	4	48.93	5	0.2						

**January 22 2022 Hour: 23:9 5.1 Lat: 41.91N Lon: 20.01E D: 18.5 Ag: TIR Local**  
**Magnitudes: 0.9ML TIR Rms: 0.3 secs**  
**16 km SE of Puke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	17	327	EP		23	9	9.840.190							1.0
PUK	HZ	17	327	IP		23	9	9.840.190							1.0
PUK	HN	17	327	ES		23	9	13.320.010							1.0
PUK	HZ	17	327	IAML		23	9	13.66	11	0.1					
PHP	HZ	44	125	EP		23	9	12.92-.520							1.0
PHP	HN	44	125	ES		23	9	20.320.140							1.0
PHP	HZ	44	125	IAML		23	9	20.98	2	1.2					
SDA	HZ	45	290	EP		23	9	13.590.090							1.0
SDA	HN	45	290	ES		23	9	20.00-.290							1.0
BCI	HZ	51	6	IP		23	9	14.870.350							1.0
BCI	HZ	51	6	EP		23	9	14.890.370							1.0
BCI	HE	51	6	ES		23	9	21.59-.540							1.0
BCI	HZ	51	6	IAML		23	9	23.89	3	0.1					

**January 22 2022 Hour: 23:25 36.4 Lat: 38.76N Lon: 20.51E D: 2.3 Ag: TIR Local**  
**Magnitudes: 3.2ML TIR 3.7MW TIR Rms: 0.9 secs**  
**103 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	87	350	IP	A	2325	52.000.120								1.0
IGT	HN	87	350	ES		2326	4.790.340								1.0
IGT	HZ	87	350	IAML	A	2326	9.35		446	0.5					
KEK	HZ	122	330	EP		2325	58.660.670								1.0
KEK	HN	122	330	ES		2326	15.950.430								1.0
KEK	HZ	122	330	IAML	A	2326	21.78		321	0.5					
SRN	HZ	132	341	EP		2325	59.750.190								1.0
SRN	HN	132	341	ES		2326	18.430.070								1.0
SRN	HZ	132	341	IAML	A	2326	27.06		139	0.6					
LSK	HZ	154	3	EP		2326	4.45 1.06								1.0
LSK	HN	154	3	ES		2326	25.08-.200								1.0
LSK	HZ	154	3	IAML	A	2326	37.17		200	0.8					
THL	HZ	158	55	EP		2326	2.71-1.17								0.9
THL	HN	158	55	ES		2326	25.54-.640								0.9
NEST	HZ	189	14	EP		2326	10.17 1.11								0.9
NEST	HE	189	14	ES		2326	36.73 1.19								0.9
NEST	HZ	189	14	IAML	A	2326	39.23		98	0.5					
KBN	HZ	208	6	EP		2326	12.55 1.11								0.9
KBN	HZ	208	6	IAML	A	2326	54.03		62	0.7					
VLO	HZ	209	336	EP		2326	12.020.600								0.9
ITM	HZ	215	144	EP		2326	13.44 1.12								0.9
ITM	HN	215	144	ES		2326	41.950.500								0.9
BERA	HZ	221	348	EP		2326	12.60-.380								0.9
BERA	HN	221	348	ES		2326	42.27-.380								0.9
BERA	HZ	221	348	IAML	A	2326	55.71		89	3.1					
TIR	HZ	292	349	EP		2326	21.52-.650								0.8
PHP	HZ	325	359	EP		2326	25.94-.420								0.8
PHP	HZ	325	359	IAML	A	2327	20.05		22	1.0					
TIP	HZ	328	279	EP		2326	25.45-1.43								0.8
PUK	HZ	368	352	IP	A	2326	30.70-1.27								0.8
PUK	HZ	368	352	IAML	A	2327	44.29		10	0.8					
SDA	HZ	375	347	IP	A	2326	30.91-1.84								0.8
BCI	HZ	402	355	IP	A	2326	35.86-.410								0.7

BCI HZ 402 355 IAML A 2327 50.53 15 0.4  
 PDG HZ 421 346 EP 2326 36.14-2.48 0.7

**January 23 2022 Hour: 0:50 32.1 Lat: 39.00N Lon: 20.69E D: 0.8 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR Rms: 0.6 secs**

**84 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	24	186	EP		050	36.10-	.250							1.0
LKD2	HE	24	186	ES		050	39.910.	.110							1.0
IGT	HZ	66	333	EP		050	42.92-	1.02							1.0
IGT	HN	66	333	ES		050	53.920.	.370							1.0
IGT	HZ	66	333	IAML		050	55.12			25	0.3				
KEK	HZ	110	316	EP		050	51.12-	.610							1.0
KEK	HE	110	316	ES		051	7.61-	.040							1.0
KEK	HZ	110	316	IAML		051	10.53			38	0.4				
SRN	HZ	114	329	EP		050	53.320.	.870							1.0
SRN	HN	114	329	ES		051	9.180.	.240							1.0
SRN	HZ	114	329	IAML		051	12.80			9	0.6				
LSK	HZ	128	357	EP		050	55.510.	.730							1.0
LSK	HN	128	357	ES		051	12.85-	.310							1.0
THL	HZ	130	61	EP		050	54.85-	.320							1.0
THL	HE	130	61	ES		051	14.130.	.260							1.0
NEST	HZ	160	11	EP		051	0.940.	.790							0.9
NEST	HN	160	11	ES		051	22.09-	.790							0.9

**January 23 2022 Hour: 0:58 37.6 Lat: 41.49N Lon: 20.29E D: 11.1 Ag: TIR Local**  
**Magnitudes: 1.3ML TIR Rms: 0.4 secs**

**6 km E of Bulqize**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	25	30	EP		058	42.600.	.070							1.0
PHP	HN	25	30	ES		058	46.36-	.180							1.0
PHP	HZ	25	30	IAML		058	46.99			21	0.1				
TIR	HZ	39	246	EP		058	44.960.	.210							1.0
TIR	HN	39	246	ES		058	50.690.	.130							1.0
PUK	HZ	70	332	EP		058	49.90-	.050							1.0
PUK	HN	70	332	ES		058	59.59-	.380							1.0
PUK	HZ	70	332	IAML		059	2.64			4	0.2				
SDA	HZ	90	314	EP		058	53.400.	.050							1.0
SDA	HE	90	314	ES		059	6.10-	.020							1.0
SDA	HZ	90	314	IAML		059	7.99			5	0.1				
BERA	HN	92	198	ES		059	6.15-	.440							1.0
BCI	HZ	99	349	EP		058	55.88	1.05							1.0
BCI	HN	99	349	ES		059	8.38-	.430							1.0

**January 23 2022 Hour: 2:13 43.6 Lat: 39.99N Lon: 20.68E D: 6.4 Ag: TIR Local**  
**Magnitudes: 0.9ML TIR Rms: 0.2 secs**

**35 km E of Libohove**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	19	339	EP		213	46.90-	.390							1.0
LSK	HN	19	339	ES		213	50.530.	.240							1.0
LSK	HZ	19	339	IAML		213	54.59			13	0.4				
NEST	HZ	57	33	EP		213	54.120.	.280							1.0
NEST	HN	57	33	ES		214	1.95-	.200							1.0
NEST	HZ	57	33	IAML		214	5.72			4	0.4				
IGT	HZ	59	211	EP		213	54.330.	.220							1.0
IGT	HN	59	211	ES		214	2.51-	.130							1.0
SRN	HN	59	259	ES		214	2.83-	.030							1.0

**January 23 2022 Hour: 2:49 10.1 Lat: 40.13N Lon: 20.67E D: 9.8 Ag: TIR Local**  
**Magnitudes: 1.3ML TIR Rms: 0.7 secs**  
**25 km S of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	6	287	IP	A	249	12.22	-.100							1.0
LSK	HN	6	287	ES		249	14.33	0.210							1.0
LSK	HZ	6	287	IAML		249	16.13			86	0.4				
NEST	HZ	45	46	EP		249	18.07	-.280							1.0
NEST	HE	45	46	ES		249	25.50	0.450							1.0
NEST	HZ	45	46	IAML		249	27.78			7	0.4				
KBN	HZ	55	10	EP		249	19.15	-1.01							1.0
KBN	HE	55	10	ES		249	29.02	0.710							1.0
IGT	HZ	73	203	EP		249	22.10	-.900							1.0
IGT	HE	73	203	ES		249	34.37	0.920							1.0

**January 23 2022 Hour: 3:48 56.0 Lat: 39.83N Lon: 20.03E D: 3.9 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR Rms: 0.6 secs**  
**5 km SE of Sarande**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	6	333	IP	A	348	57.33	0.010							1.0
SRN	HE	6	333	ES		348	58.50	0.150							1.0
SRN	HZ	6	333	IAML		348	58.62			413	0.2				
KEK	HZ	24	237	EP		349	0.15	-.240							1.0
KEK	HE	24	237	ES		349	3.98	0.060							1.0
KEK	HZ	24	237	IAML		349	6.18			163	0.3				
IGT	HZ	42	142	EP		349	3.36	-.230							1.0
IGT	HE	42	142	ES		349	10.42	0.710							1.0
IGT	HZ	42	142	IAML		349	13.37			31	0.3				
LSK	HZ	60	54	IP		349	6.14	-.630							1.0
LSK	HN	60	54	ES		349	15.53	0.070							1.0
LSK	HZ	60	54	IAML		349	15.99			10	0.6				
BERA	HZ	97	356	EP		349	12.91	-.460							1.0
BERA	HE	97	356	ES		349	28.44	1.04							1.0
BERA	HZ	97	356	IAML		349	31.35			19	0.4				
NEST	HZ	108	53	EP		349	15.86	0.570							1.0
KBN	HZ	109	36	EP		349	14.35	-1.05							1.0

**January 23 2022 Hour: 4:45 0.4 Lat: 39.82N Lon: 20.05E D: 2.9 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR 2.2MW TIR Rms: 0.3 secs**  
**7 km SE of Sarande**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	8	325	IP	A	445	1.72	-.210							1.0
SRN	HN	8	325	ES		445	2.86	-.300							1.0
SRN	HZ	8	325	IAML	A	445	3.01			276	0.2				
KEK	HZ	25	241	IP	A	445	4.80	-.110							1.0
KEK	HE	25	241	ES		445	8.53	-.020							1.0
KEK	HZ	25	241	IAML	A	445	10.45			99	0.3				
IGT	HZ	40	143	EP		445	7.82	0.230							1.0
IGT	HE	40	143	ES		445	13.72	0.330							1.0
IGT	HZ	40	143	IAML		445	17.85			21	0.4				
LSK	HZ	59	52	EP		445	11.01	0.010							1.0
LSK	HN	59	52	ES		445	19.60	0.030							1.0
LSK	HZ	59	52	IAML		445	23.47			5	0.4				
BERA	HZ	98	355	EP		445	17.67	-.310							1.0
BERA	HE	98	355	ES		445	32.69	0.490							1.0
NEST	HZ	107	52	EP		445	19.78	0.170							1.0
THL	HE	171	99	ES		445	53.33	-.770							0.9
PUK	HZ	247	357	EP		445	40.94	0.490							0.9
PUK	HZ	247	357	IAML	A	446	16.91			4	0.3				

January 23 2022 Hour: 8:43 25.5 Lat: 40.89N Lon: 21.38E D: 17.4 Ag: TIR Local  
 Magnitudes: 1.9ML TIR 2.4MW TIR Rms: 0.6 secs  
 41 km E of Pustec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	59	208	EP		843	37.120	.820							1.0
NEST	HN	59	208	ES		843	44.78	-.240							1.0
NEST	HZ	59	208	IAML		843	47.34			48	0.2				
LSK	HZ	105	219	EP		843	44.440	.570							1.0
LSK	HN	105	219	ES		843	57.83	-.880							1.0
THL	HZ	156	160	EP		843	52.130	.010							1.0
THL	HN	156	160	ES		844	12.96	-.680							1.0
IGT	HZ	175	211	EP		843	55.120	.590							0.9
IGT	HN	175	211	ES		844	18.580	.580							0.9
PUK	HZ	179	316	EP		843	54.60	-.510							0.9
PUK	HN	179	316	ES		844	18.77	-.280							0.9
PUK	HZ	179	316	IAML		844	27.80			3	0.5				

January 23 2022 Hour: 10:16 54.3 Lat: 40.89N Lon: 21.40E D: 17.6 Ag: TIR Local  
 Magnitudes: 1.7ML TIR 3.0MW TIR Rms: 0.4 secs  
 43 km E of Pustec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	60	241	EP		1017	5.590	.470							1.0
KBN	HN	60	241	ES		1017	13.31	-.590							1.0
KBN	HZ	60	241	IAML		1017	15.49			24	0.3				
NEST	HZ	61	210	EP		1017	5.18	-.090							1.0
NEST	HN	61	210	ES		1017	13.72	-.450							1.0
NEST	HZ	61	210	IAML		1017	14.31			155	0.2				
LSK	HZ	107	220	EP		1017	13.030	.150							1.0
LSK	HN	107	220	ES		1017	28.710	.760							1.0
PHP	HZ	120	318	EP		1017	15.100	.080							1.0
PHP	HN	120	318	ES		1017	31.57	-.240							1.0
PHP	HZ	120	318	IAML		1017	35.98			4	0.2				
THL	HZ	156	160	EP		1017	20.45	-.320							1.0
THL	HN	156	160	ES		1017	41.98	-.240							1.0
IGT	HZ	176	212	EP		1017	23.690	.280							0.9
PUK	HZ	180	316	EP		1017	24.710	.730							0.9
PUK	HN	180	316	ES		1017	47.51	-.520							0.9
PUK	HZ	180	316	IAML		1017	56.05			3	0.4				

January 23 2022 Hour: 11:18 26.2 Lat: 40.97N Lon: 19.80E D: 10.6 Ag: TIR Local  
 Magnitudes: 1.7ML TIR 2.1MW TIR Rms: 0.6 secs  
 4 km NW of Cerrik

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA	HZ	33	157	EP		1118	31.60	-.760							1.0
BERA	HZ	33	157	IAML		1118	38.54			63	0.1				
TIR	HZ	42	8	EP		1118	33.66	-.250							1.0
TIR	HN	42	8	ES		1118	40.830	.660							1.0
TIR	HZ	42	8	IAML		1118	43.44			14	0.3				
PUK	HZ	119	4	EP		1118	46.75	-.050							1.0
PUK	HN	119	4	ES		1119	2.90	-.600							1.0
PUK	HZ	119	4	IAML		1119	4.90			8	0.5				
NEST	HZ	123	120	EP		1118	48.400	.940							1.0
NEST	HZ	123	120	IPg		1118	48.400	.180							1.0
NEST	HN	123	120	ES		1119	4.15	-.540							1.0
NEST	HZ	123	120	IAML		1119	6.77			7	0.3				
IGT	HZ	166	164	EP		1118	55.160	.480							0.9



**January 23 2022 Hour: 11:26 18.0 Lat: 39.42N Lon: 19.89E D: 18.6 Ag: TIR Local**  
**Magnitudes: 1.2ML TIR Rms: 0.5 secs**  
**36 km SW of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KEK	HZ	34	347	EP		1126	24.11	-.650							1.0
KEK	HN	34	347	ES		1126	30.970	.770							1.0
IGT	HZ	40	71	EP		1126	25.780	.050							1.0
IGT	HN	40	71	ES		1126	31.85	-.110							1.0
IGT	HZ	40	71	IAML		1126	32.24			4	0.2				
SRN	HZ	52	10	EP		1126	27.40	-.240							1.0
SRN	HN	52	10	ES		1126	34.77	-.640							1.0
LSK	HZ	102	36	EP		1126	36.530	.730							1.0
LSK	HN	102	36	ES		1126	50.280	.100							1.0
LSK	HZ	102	36	IAML		1126	54.26			7	0.4				

**January 23 2022 Hour: 13:13 8.4 Lat: 39.87N Lon: 20.03E D: 10.3 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.1 secs**  
**3 km SE of Sarande**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	3	302	EP		1313	10.510	.180							1.0
SRN	HN	3	302	ES		1313	11.77	-.100							1.0
SRN	HZ	3	302	IAML		1313	11.93			348	0.2				
KEK	HZ	26	229	EP		1313	13.33	-.110							1.0
KEK	HN	26	229	ES		1313	17.560	.050							1.0
KEK	HZ	26	229	IAML		1313	19.23			111	0.3				
IGT	HZ	45	145	EP		1313	16.70	-.020							1.0
IGT	HN	45	145	ES		1313	23.450	.010							1.0
IGT	HZ	45	145	IAML		1313	26.41			26	0.3				
LSK	HZ	58	57	EP		1313	18.87	-.020							1.0

**January 23 2022 Hour: 17:18 36.4 Lat: 40.87N Lon: 20.59E D: 19.1 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR Rms: 0.4 secs**  
**6 km SW of Pogradec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	32	148	EP		1718	43.340	.460							1.0
KBN	HN	32	148	ES		1718	48.680	.550							1.0
KBN	HZ	32	148	IAML		1718	49.50			24	0.1				
BERA	HZ	57	252	EP		1718	46.790	.000							1.0
BERA	HN	57	252	ES		1718	55.210	.000							1.0
BERA	HZ	57	252	IAML		1718	56.76			27	0.1				
NEST	HZ	63	142	EP		1718	47.19	-.700							1.0
NEST	HN	63	142	ES		1718	57.11	-.090							1.0
LSK	HZ	80	179	EP		1718	50.19	-.340							1.0
LSK	HN	80	179	ES		1719	1.44	-.530							1.0
LSK	HZ	80	179	IAML		1719	4.30			14	0.4				
IGT	HZ	150	189	EP		1719	2.180	.330							1.0
IGT	HE	150	189	ES		1719	22.840	.380							1.0

**January 24 2022 Hour: 0:49 49.8 Lat: 40.15N Lon: 19.60E D: 23.1 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR 2.4MW TIR Rms: 0.6 secs**  
**10 km NW of Himare**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLO	HZ	37	346	IP		049	56.45	-.850							1.0
VLO	HN	37	346	IS		050	3.640	.250							1.0
VLO	HZ	37	346	IAML		050	4.64			51	0.2				
SRN	HZ	45	131	IP		049	57.75	-.730							1.0
SRN	HN	45	131	IS		050	4.89	-.630							1.0
KEK	HZ	51	161	IP		049	59.810	.390							1.0
KEK	HN	51	161	IS		050	7.980	.760							1.0
KEK	HZ	51	161	IAML		050	15.22			19	0.4				
BERA	HZ	68	25	IP		050	2.250	.070							1.0
BERA	HN	68	25	IS		050	12.370	.150							1.0
BERA	HZ	68	25	IAML		050	15.29			9	0.5				

LSK	HZ	85	89	EP		050	5.85	1.00									1.0
IGT	HZ	92	137	IP		050	5.92	-.080									1.0
IGT	HN	92	137	IS		050	18.81	-.310									1.0
IGT	HZ	92	137	IAML		050	23.25				20	1.7					

**January 24 2022 Hour: 2:22 22.5 Lat: 41.98N Lon: 20.08E D: 15.0F Ag: TIR Local**  
**Magnitudes: 0.9ML TIR Rms: 0.5 secs**

**11 km SE of Fushe-Arrez**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	17	294	IP		222	25.93	-.620							1.0
PUK	HN	17	294	IS		222	29.03	-.840							1.0
PUK	HZ	17	294	IAML		222	29.58			11	0.2				
BCI	HZ	43	358	IP		222	30.64	0.220							1.0
BCI	HN	43	358	IS		222	37.03	0.150							1.0
BCI	HZ	43	358	IAML		222	42.37			8	0.6				
PHP	HZ	44	138	IP		222	30.66	-.030							1.0
PHP	HN	44	138	IS		222	37.42	0.070							1.0
PHP	HZ	44	138	IAML		222	41.36			2	0.4				
SDA	HN	49	279	IS		222	39.23	0.670							1.0
SDA	HZ	49	279	IP		222	31.73	0.380							1.0

**January 24 2022 Hour: 6:3 23.2 Lat: 41.51N Lon: 19.54E D: 17.6 Ag: TIR Local**  
**Magnitudes: 1.3ML TIR Rms: 0.4 secs**

**16 km NW of Vore**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	32	123	IP		6 3	29.67	0.010							1.0
TIR	HN	32	123	IS		6 3	34.88	0.000							1.0
TIR	HZ	32	123	IAML		6 3	36.13			12	0.2				
SDA	HZ	60	357	IP		6 3	33.49	-.620							1.0
SDA	HN	60	357	IS		6 3	43.38	0.460							1.0
SDA	HZ	60	357	IAML		6 3	46.11			10	1.9				
PUK	HZ	66	26	IP		6 3	34.91	-.230							1.0
PUK	HN	66	26	IS		6 3	44.69	-.110							1.0
PUK	HZ	66	26	IAML		6 3	45.91			7	0.1				
PHP	HZ	78	75	IP		6 3	36.83	-.170							1.0
PHP	HN	78	75	IS		6 3	48.32	0.170							1.0
PHP	HZ	78	75	IAML		6 3	49.56			3	0.3				
BCI	HZ	105	24	IP		6 3	42.42	0.900							1.0
BCI	HN	105	24	IS		6 3	55.93	-.400							1.0

**January 24 2022 Hour: 8:59 28.2 Lat: 42.39N Lon: 19.86E D: 13.3 Ag: TIR Local**  
**Magnitudes: 1.4ML TIR Rms: 0.3 secs**

**18 km W of Bajram\_Curri**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BCI	HZ	18	99	EP		859	32.37	0.270							1.0
BCI	HE	18	99	ES		859	35.18	-.110							1.0
BCI	HZ	18	99	IAML		859	35.70			121	0.1				
PUK	HZ	39	176	EP		859	35.85	0.390							1.0
PUK	HE	39	176	ES		859	40.99	-.390							1.0
PUK	HZ	39	176	IAML		859	41.58			15	0.2				
SDA	HZ	48	218	EP		859	36.75	-.170							1.0
SDA	HN	48	218	ES		859	44.31	0.290							1.0
SDA	HZ	48	218	IAML		859	45.01			9	0.1				
PDG	HZ	49	275	EP		859	36.71	-.400							1.0
PDG	HE	49	275	ES		859	44.48	0.120							1.0
PDG	HZ	49	275	IAML		859	44.91			15	0.2				

**January 24 2022 Hour: 12:18 24.8 Lat: 40.99N Lon: 19.97E D: 21.9 Ag: TIR Local**  
**Magnitudes: 1.5ML TIR Rms: 0.2 secs**

**4 km SW of Cerrik**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA	HZ	32	184	EP		1218	31.41	-.160							1.0
BERA	HE	32	184	ES		1218	37.19	0.160							1.0
BERA	HZ	32	184	IAML		1218	37.74			91	0.1				

TIR	HZ	40	347	EP		1218	32.58-	.180										1.0
TIR	HE	40	347	ES		1218	39.270	.070										1.0
TIR	HZ	40	347	IAML		1218	40.22		13	0.2								
PHP	HZ	86	27	EP		1218	39.83-	.270										1.0
PHP	HN	86	27	ES		1218	52.630	.160										1.0
PHP	HZ	86	27	IAML		1218	54.38		4	0.4								
PUK	HZ	117	357	EP		1218	45.300	.320										1.0
PUK	HE	117	357	ES		1219	1.22-	.090										1.0
PUK	HZ	117	357	IAML		1219	4.90		6	0.4								

January 24 2022 Hour: 16:19 1.2 Lat: 40.10N Lon: 20.45E D: 22.7 Ag: TIR Local  
Magnitudes: 1.2ML TIR Rms: 0.4 secs  
17 km SE of Permet

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
LSK	HZ	14	66	EP		1619	5.84-	.030							1.0		
LSK	HN	14	66	ES		1619	9.930	.240							1.0		
SRN	HZ	46	238	EP		1619	9.78-	.160							1.0		
SRN	HN	46	238	ES		1619	16.36-	.690							1.0		
NEST	HZ	62	55	EP		1619	13.040	.520							1.0		
NEST	HN	62	55	ES		1619	21.27-	.440							1.0		
IGT	HZ	64	189	EP		1619	12.68-	.140							1.0		
IGT	HN	64	189	ES		1619	22.22-	.050							1.0		
IGT	HZ	64	189	IAML		1619	22.58		6	0.2							
KEK	HZ	71	233	EP		1619	13.80-	.100							1.0		
KEK	HN	71	233	ES		1619	25.060	.850							1.0		

January 24 2022 Hour: 18:41 58.4 Lat: 40.05N Lon: 20.46E D: 22.3 Ag: TIR Local  
Magnitudes: 1.1ML TIR Rms: 0.4 secs  
16 km E of Libohove

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
LSK	HZ	16	48	EP		1842	3.20-	.050							1.0		
LSK	HN	16	48	ES		1842	7.510	.300							1.0		
LSK	HZ	16	48	IAML		1842	11.16		15	0.3							
SRN	HZ	44	244	EP		1842	7.380	.600							1.0		
SRN	HN	44	244	ES		1842	13.04-	.560							1.0		
IGT	HZ	59	191	EP		1842	9.750	.550							1.0		
IGT	HN	59	191	ES		1842	17.61-	.360							1.0		
NEST	HZ	64	51	EP		1842	10.00-	.140							1.0		
NEST	HN	64	51	ES		1842	19.34-	.350							1.0		

January 24 2022 Hour: 20:12 36.5 Lat: 40.75N Lon: 21.38E D: 19.0 Ag: TIR Local  
Magnitudes: 1.3ML TIR Rms: 0.7 secs  
35 km NE of Bilisht

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
NEST	HZ	47	217	EP		2012	45.500	.210							1.0		
NEST	HN	47	217	ES		2012	52.790	.380							1.0		
NEST	HZ	47	217	IAML		2012	54.22		15	0.2							
KBN	HZ	52	255	EP		2012	46.380	.250							1.0		
KBN	HE	52	255	ES		2012	52.72-	1.22							1.0		
KBN	HZ	52	255	IAML		2012	54.53		7	0.1							
LSK	HZ	94	225	EP		2012	52.81-	.200							1.0		
LSK	HN	94	225	ES		2013	7.320	.930							1.0		
THL	HZ	142	157	EP		2013	1.520	.760							1.0		
THL	HE	142	157	ES		2013	19.27-	1.14							1.0		

January 25 2022 Hour: 8:30 56.6 Lat: 40.09N Lon: 20.73E D: 22.1 Ag: TIR Local  
Magnitudes: 1.6ML TIR Rms: 0.2 secs  
27 km S of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
NEST	HZ	45	37	EP		831	5.28-	.080							1.0		
NEST	HN	45	37	ES		831	12.680	.250							1.0		
NEST	HZ	45	37	IAML		831	15.05		22	0.3							
KBN	HZ	59	5	EP		831	7.42-	.160							1.0		
KBN	HN	59	5	ES		831	16.25-	.200							1.0		

KBN	HZ	59	5	IAML	831	19.79			10	0.3					
SRN	HZ	67	250	EP	831	8.890.220									1.0
SRN	HN	67	250	ES	831	18.530.090									1.0
IGT	HZ	71	209	EP	831	9.430.060									1.0
IGT	HN	71	209	ES	831	19.43-.260									1.0
IGT	HZ	71	209	IAML	831	25.86			9	0.3					
KEK	HZ	90	243	EP	831	12.650.140									1.0
KEK	HN	90	243	ES	831	25.32-.070									1.0
KEK	HZ	90	243	IAML	831	30.00			25	0.6					

**January 25 2022 Hour: 15:23 17.5 Lat: 41.17N Lon: 20.14E D: 11.1 Ag: TIR Local**  
**Magnitudes: 1.0ML TIR Rms: 0.4 secs**

**8 km NE of Elbasan**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	31	311	EP		1523	23.15-	.110							1.0
TIR	HN	31	311	ES		1523	27.86-	.090							1.0
TIR	HZ	31	311	IAML		1523	30.96			9	0.7				
PHP	HZ	63	24	EP		1523	29.520.	.870							1.0
PHP	HN	63	24	ES		1523	37.19-	.520							1.0
PHP	HZ	63	24	IAML		1523	39.55			3	0.3				
PUK	HZ	99	348	EP		1523	34.920.	.140							1.0
PUK	HN	99	348	ES		1523	48.74-	.050							1.0
PUK	HZ	99	348	IAML		1523	51.30			3	0.2				
NEST	HZ	114	137	EP		1523	36.99-	.170							1.0
NEST	HN	114	137	ES		1523	53.03-	.070							1.0

**January 25 2022 Hour: 17:41 53.1 Lat: 38.70N Lon: 21.33E D: 10.0 Ag: TIR Local**  
**Magnitudes: 2.6ML TIR 2.9MW TIR Rms: 0.7 secs**

**141 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	59	280	EP		1742	3.71-	.010							1.0
LKD2	HN	59	280	ES		1742	13.240.	.920							1.0
THL	HZ	113	32	EP		1742	12.48-	.280							1.0
THL	HN	113	32	ES		1742	28.720.	.030							1.0
IGT	HZ	126	318	EP		1742	14.66-	.300							1.0
IGT	HE	126	318	ES		1742	32.54-	.120							1.0
IGT	HZ	126	318	IAML		1742	35.72			25	0.5				
LSK	HZ	173	339	EP		1742	22.40-	.360							0.9
LSK	HN	173	339	ES		1742	46.54-	.240							0.9
LSK	HZ	173	339	IAML		1742	52.78			27	0.8				
SRN	HZ	174	319	EP		1742	22.840.	.060							0.9
SRN	HN	174	319	ES		1742	46.990.	.170							0.9
SRN	HZ	174	319	IAML		1742	52.09			35	2.6				
KEK	HZ	174	311	EP		1742	21.92-	.820							0.9
KEK	HE	174	311	ES		1742	45.41-	1.33							0.9
KEK	HZ	174	311	IAML		1742	51.46			35	1.1				
NEST	HZ	192	353	EP		1742	26.54	1.31							0.9
NEST	HE	192	353	ES		1742	52.250.	.990							0.9
NEST	HZ	192	353	IAML		1742	54.80			11	0.7				

**January 25 2022 Hour: 19:25 25.1 Lat: 40.81N Lon: 21.38E D: 11.1 Ag: TIR Local**  
**Magnitudes: 1.6ML TIR Rms: 0.5 secs**

**38 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	52	213	EP		1925	35.030.	.540							1.0
NEST	HN	52	213	ES		1925	41.76-	.350							1.0
NEST	HZ	52	213	IAML		1925	42.81			48	0.5				
KBN	HZ	54	248	EP		1925	34.900.	.060							1.0
KBN	HN	54	248	ES		1925	43.300.	.550							1.0
KBN	HZ	54	248	IAML		1925	44.72			10	0.2				
LSK	HZ	99	222	EP		1925	41.46-	.820							1.0
LSK	HN	99	222	ES		1925	55.71-	.490							1.0
LSK	HZ	99	222	IAML		1925	59.38			10	0.8				
PHP	HZ	125	321	EP		1925	46.850.	.150							1.0

PHP	HN	125	321	ES		1926	3.92-	.280								1.0
PHP	HZ	125	321	IAML		1926	6.72		5	1.2						
IGT	HZ	167	213	EP		1925	54.170.	.480								0.9
IGT	HN	167	213	ES		1926	17.110.	.240								0.9

**January 25 2022 Hour: 21:47 9.9 Lat: 38.95N Lon: 20.63E D: 9.9 Ag: TIR Local**  
**Magnitudes: 2.8ML TIR 3.5MW TIR Rms: 0.8 secs**

**90 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	18	171	EP		2147	13.680.	.120							1.0
LKD2	HE	18	171	ES		2147	17.290.	.760							1.0
IGT	HZ	70	339	EP		2147	21.59-	.750							1.0
IGT	HN	70	339	ES		2147	32.37-	.050							1.0
IGT	HZ	70	339	IAML	A	2147	41.91		169	0.4					
KEK	HZ	111	320	EP		2147	28.65-	.560							1.0
KEK	HN	111	320	ES		2147	45.550.	.700							1.0
KEK	HZ	111	320	IAML	A	2147	57.20		192	0.9					
SRN	HZ	117	333	EP		2147	29.64-	.510							1.0
SRN	HN	117	333	ES		2147	47.090.	.530							1.0
SRN	HZ	117	333	IAML	A	2147	56.50		74	1.1					
LSK	HZ	134	359	EP		2147	32.94-	.070							1.0
LSK	HN	134	359	ES		2147	51.760.	.030							1.0
LSK	HZ	134	359	IAML	A	2147	58.99		149	0.6					
THL	HZ	138	60	IP	A	2147	33.55-	.140							1.0
NEST	HZ	167	12	EP		2147	39.060.	.480							0.9
NEST	HZ	167	12	IAML	A	2148	11.77		50	0.9					
KBN	HZ	187	4	EP		2147	41.970.	.660							0.9
KBN	HN	187	4	ES		2148	7.100.	.350							0.9
VLO	HZ	195	331	EP		2147	43.140.	.880							0.9
BERA	HZ	203	344	EP		2147	43.920.	.560							0.9
BERA	HN	203	344	ES		2148	12.17	1.70							0.9
ITM	HZ	227	149	EP		2147	46.570.	.170							0.9
PHP	HZ	305	357	IP		2147	55.12-	1.27							0.8
TIP	HZ	336	276	EP		2147	59.22-	1.19							0.8
PUK	HZ	349	350	EP		2148	0.50-	1.68							0.8
PUK	HZ	349	350	IAML	A	2149	13.51		5	0.6					
SDA	HZ	358	345	IP	A	2148	2.09-	1.03							0.8
BCI	HZ	383	353	EP		2148	4.89-	1.51							0.8

**January 25 2022 Hour: 21:55 4.2 Lat: 40.85N Lon: 21.41E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.7ML TIR Rms: 0.9 secs**

**43 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	58	212	EP		2155	14.940.	.340							1.0
NEST	HN	58	212	ES		2155	22.65-	.340							1.0
NEST	HZ	58	212	IAML		2155	23.88		572	0.2					
KBN	HZ	59	244	EP		2155	15.430.	.680							1.0
KBN	HN	59	244	ES		2155	22.89-	.370							1.0
KBN	HZ	59	244	IAML		2155	24.36		199	0.5					
LSK	HZ	104	222	EP		2155	22.32-	.040							1.0
LSK	HN	104	222	ES		2155	37.190.	.160							1.0
LSK	HZ	104	222	IAML		2155	41.63		170	0.5					
PHP	HZ	123	319	EP		2155	24.85-	.640							1.0
PHP	HN	123	319	ES		2155	42.28-	.420							1.0
PHP	HZ	123	319	IAML		2155	44.74		64	0.3					
BERA	HZ	125	263	EP		2155	26.000.	.300							1.0
BERA	HN	125	263	ES		2155	44.000.	.920							1.0
THE	HZ	134	100	EP		2155	27.810.	.600							1.0
THE	HE	134	100	ES		2155	45.29-	.520							1.0
THE	HZ	134	100	IAML		2155	50.99		24	0.4					
TIR	HZ	141	293	IP		2155	29.030.	.570							1.0
TIR	HE	141	293	ES		2155	47.01-	1.06							1.0
TIR	HZ	141	293	IAML		2155	55.26		17	0.7					
THL	HZ	152	160	EP		2155	29.94-	.350							1.0

THL	HE	152	160	ES		2155	50.09-1.29											1.0
SRN	HZ	161	228	EP		2155	32.360.530											0.9
SRN	HE	161	228	ES		2155	52.88-1.30											0.9
SRN	HZ	161	228	IAML		2155	59.99		24	1.3								
IGT	HZ	173	212	EP		2155	34.71 1.02											0.9
IGT	HE	173	212	ES		2155	58.080.550											0.9
IGT	HZ	173	212	IAML		2156	5.51		43	0.7								
PUK	HZ	183	317	EP		2155	34.15-.910											0.9
PUK	HE	183	317	ES		2155	57.65-2.37											0.9
BCI	HZ	202	327	EP		2155	38.210.790											0.9
BCI	HZ	202	327	IAML		2156	16.70		43	0.7								
SDA	HZ	208	310	EP		2155	39.88 1.78											0.9
PDG	HZ	250	315	EP		2155	45.31 1.73											0.9

**January 25 2022 Hour: 22:26 49.1 Lat: 38.95N Lon: 20.63E D: 7.1 Ag: TIR Local**  
**Magnitudes: 3.0ML TIR 3.6MW TIR Rms: 0.8 secs**  
**89 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
LKD2	HZ	18	171	EP		2226	53.050.380								1.0		
LKD2	HE	18	171	ES		2226	56.340.810								1.0		
IGT	HZ	69	339	IP	A	2227	0.93-.650								1.0		
IGT	HN	69	339	ES		2227	11.40-.260								1.0		
IGT	HZ	69	339	IAML	A	2227	20.03		289	0.6							
KEK	HZ	111	320	IP	A	2227	8.03-.520								1.0		
KEK	HN	111	320	ES		2227	25.010.740								1.0		
KEK	HZ	111	320	IAML	A	2227	36.27		361	0.4							
SRN	HZ	116	333	EP		2227	8.86-.620								1.0		
SRN	HN	116	333	ES		2227	26.650.690								1.0		
SRN	HZ	116	333	IAML	A	2227	36.06		123	0.5							
LSK	HZ	133	359	EP		2227	12.350.010								1.0		
LSK	HN	133	359	ES		2227	31.300.180								1.0		
LSK	HZ	133	359	IAML	A	2227	42.76		225	1.1							
THL	HZ	138	60	EP		2227	12.04-1.03								1.0		
THL	HN	138	60	ES		2227	31.34-1.12								1.0		
NEST	HZ	166	12	EP		2227	18.390.480								0.9		
NEST	HZ	166	12	IAML	A	2227	45.54		112	0.5							
KBN	HZ	186	4	EP		2227	22.42 1.59								0.9		
KBN	HN	186	4	ES		2227	47.120.630								0.9		
KBN	HZ	186	4	IAML		2227	50.38		52	0.6							
VLO	HZ	194	330	EP		2227	22.400.620								0.9		
BERA	HZ	203	344	EP		2227	23.280.400								0.9		
BERA	HN	203	344	ES		2227	51.53 1.32								0.9		
ITM	HZ	227	150	EP		2227	26.170.100								0.9		
ITM	HE	227	150	ES		2227	56.320.340								0.9		
PHP	HZ	304	357	IP	A	2227	36.090.180								0.8		
TIP	HZ	336	276	EP		2227	38.44-1.55								0.8		
TIP	HE	336	276	ES		2228	19.08-2.10								0.8		
PUK	HZ	349	350	IP	A	2227	40.79-.910								0.8		
PUK	HZ	349	350	IAML	A	2228	40.84		9	1.4							
SDA	HZ	357	345	IP	A	2227	41.71-.930								0.8		
BCI	HZ	382	353	IP	A	2227	45.86-.060								0.8		
BCI	HZ	382	353	IAML	A	2229	0.00		18	0.8							

**January 25 2022 Hour: 23: 3 56.9 Lat: 38.95N Lon: 20.64E D: 15.7 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR Rms: 0.4 secs**  
**84 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
LKD2	HZ	18	175	EP		23 4	0.96-.190								1.0		
LKD2	HN	18	175	ES		23 4	4.570.010								1.0		
IGT	HZ	70	338	EP		23 4	8.48-.890								1.0		
IGT	HN	70	338	ES		23 4	19.24-.210								1.0		
IGT	HZ	70	338	IAML		23 4	21.70		15	2.4							
KEK	HZ	112	320	EP		23 4	16.420.140								1.0		
KEK	HN	112	320	ES		23 4	31.78-.170								1.0		

KEK	HZ	112	320	IAML		23	4	39.21									19	0.8	
SRN	HZ	117	332	EP		23	4	17.530.350											1.0
SRN	HN	117	332	ES		23	4	33.910.330											1.0
SRN	HZ	117	332	IAML		23	4	37.55									7	0.4	
LSK	HN	133	359	ES		23	4	38.950.350											1.0
THL	HZ	137	60	EP		23	4	21.210.720											1.0
THL	HE	137	60	ES		23	4	39.12-.450											1.0
NEST	HZ	167	12	EP		23	4	25.680.540											0.9
NEST	HE	167	12	ES		23	4	47.50-.480											0.9

**January 26 2022 Hour: 1:42 23.1 Lat: 41.58N Lon: 20.10E D: 2.1 Ag: TIR Local**  
**Magnitudes: 0.9ML TIR Rms: 0.2 secs**  
**8 km E of Burrel**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	30	68	EP		142	28.840.280								1.0
PHP	HN	30	68	ES		142	32.69-.270								1.0
PHP	HZ	30	68	IAML		142	33.73				8	0.1			
PUK	HZ	54	341	EP		142	32.930.150								1.0
PUK	HE	54	341	ES		142	40.770.170								1.0
PUK	HZ	54	341	IAML		142	42.17				3	0.2			
SDA	HZ	72	316	EP		142	35.89-.130								1.0
SDA	HN	72	316	ES		142	46.27-.190								1.0
SDA	HZ	72	316	IAML		142	47.95				4	0.2			
PDG	HN	117	324	ES		143	0.77-.010								1.0

**January 26 2022 Hour: 6:8 2.8 Lat: 40.83N Lon: 21.29E D: 7.6 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR Rms: 0.7 secs**  
**33 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	48	242	EP		6	8	11.630.080							1.0
KBN	HN	48	242	ES		6	8	18.58-.070							1.0
KBN	HZ	48	242	IAML		6	8	20.50				77	0.4		
NEST	HZ	50	204	EP		6	8	11.68-.220							1.0
NEST	HE	50	204	ES		6	8	19.440.170							1.0
NEST	HZ	50	204	IAML		6	8	21.68				151	0.3		
LSK	HZ	96	218	EP		6	8	18.72-.970							1.0
LSK	HN	96	218	ES		6	8	34.170.790							1.0
LSK	HZ	96	218	IAML		6	8	37.18				7	0.2		
BERA	HE	114	263	ES		6	8	39.060.110							1.0
SRN	HZ	152	227	EP		6	8	30.22 1.16							1.0
SRN	HN	152	227	ES		6	8	49.31-1.02							1.0

**January 26 2022 Hour: 12:1 18.0 Lat: 42.06N Lon: 20.04E D: 15.0F Ag: TIR Local**  
**Magnitudes: 1.8ML TIR 2.0MW TIR Rms: 0.8 secs**  
**0 km S of Fushe-Arrez**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	13	261	IP	A	12	1	20.27-1.32							1.0
PUK	HZ	13	261	IAML	A	12	1	23.01				181	0.1		
BCI	HZ	34	3	IP	A	12	1	24.630.070							1.0
BCI	HZ	34	3	IAML	A	12	1	28.65				59	0.5		
SDA	HZ	45	269	IP	A	12	1	27.32 1.01							1.0
SDA	HZ	45	269	IAML	A	12	1	33.45				23	0.4		
PHP	HZ	53	142	IP	A	12	1	27.910.230							1.0
PHP	HZ	53	142	IAML	A	12	2	7.56				6	4.6		
BERA	HZ	151	183	IP	4A	12	2	3.20 19.3							0.0
BPA2	HZ	152	194	IP	4A	12	1	11.49-32.5							0.0
THL	HZ	323	148	IP	4A	12	2	16.31 10.1							0.0

**January 27 2022 Hour: 0:20 36.3 Lat: 41.80N Lon: 19.29E D: 28.6 Ag: TIR Local**  
**Magnitudes: 1.4ML TIR Rms: 0.4 secs**  
**29 km W of Lezhe**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SDA	HZ	33	32	EP		020	44.100	.450							1.0
SDA	HN	33	32	ES		020	49.33	-.270							1.0
SDA	HZ	33	32	IAML		020	49.95			16	0.1				
PUK	HZ	57	62	EP		020	47.440	.330							1.0
PUK	HN	57	62	ES		020	55.75	-.130							1.0
PUK	HZ	57	62	IAML		020	56.40			9	0.1				
BCI	HZ	90	45	EP		020	52.180	.020							1.0
BCI	HE	90	45	ES		021	4.98	-.030							1.0
BCI	HZ	90	45	IAML		021	8.14			7	0.3				
PHP	HZ	97	97	EP		020	52.45	-.780							1.0
PHP	HN	97	97	ES		021	7.360	.410							1.0
PHP	HZ	97	97	IAML		021	8.61			2	0.2				

**January 27 2022 Hour: 2:42 54.5 Lat: 41.88N Lon: 19.67E D: 13.7 Ag: TIR Local**  
**Magnitudes: 0.9ML TIR Rms: 0.4 secs**  
**11 km N of Lezhe**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SDA	HZ	24	322	EP		242	59.880	.550							1.0
SDA	HN	24	322	ES		243	3.10	-.140							1.0
SDA	HZ	24	322	IAML		243	3.67			10	0.1				
PUK	HZ	26	45	EP		242	59.44	-.240							1.0
PUK	HN	26	45	ES		243	3.82	-.050							1.0
PUK	HZ	26	45	IAML		243	4.89			6	0.2				
TIR	HZ	61	165	EP		243	5.720	.280							1.0
TIR	HE	61	165	ES		243	13.92	-.390							1.0
BCI	HZ	63	31	EP		243	5.37	-.390							1.0
BCI	HN	63	31	ES		243	14.87	-.010							1.0
BCI	HZ	63	31	IAML		243	17.19			2	0.4				
PHP	HZ	67	109	EP		243	5.71	-.770							1.0
PHP	HN	67	109	ES		243	17.080	.900							1.0
PHP	HZ	67	109	IAML		243	19.35			3	0.4				
PDG	HZ	70	331	EP		243	7.170	.290							1.0
PDG	HN	70	331	ES		243	16.88	-.030							1.0

**January 27 2022 Hour: 8:20 44.0 Lat: 40.84N Lon: 21.38E D: 21.2 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR Rms: 0.3 secs**  
**40 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	55	211	EP		820	54.11	-.120							1.0
NEST	HN	55	211	ES		821	2.710	.180							1.0
NEST	HZ	55	211	IAML		821	4.62			65	0.2				
KBN	HZ	56	244	EP		820	54.350	.060							1.0
KBN	HN	56	244	ES		821	2.30	-.350							1.0
KBN	HZ	56	244	IAML		821	3.81			21	0.1				
LSK	HZ	101	221	EP		821	2.400	.620							1.0
LSK	HN	101	221	ES		821	16.10	-.090							1.0
LSK	HZ	101	221	IAML		821	19.36			11	0.5				
THL	HZ	152	159	EP		821	9.35	-.240							1.0
THL	HN	152	159	ES		821	30.25	-.090							1.0

**January 27 2022 Hour: 10:44 33.5 Lat: 40.83N Lon: 21.42E D: 0.1 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR Rms: 0.7 secs**  
**42 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	56	214	EP		1044	43.890	.420							1.0
NEST	HN	56	214	ES		1044	51.36	-.170							1.0
NEST	HZ	56	214	IAML		1044	53.31			53	0.3				
KBN	HZ	58	247	EP		1044	43.05	-.840							1.0
KBN	HN	58	247	ES		1044	51.69	-.600							1.0



KBN	HZ	58	247	IAML		1044	52.84								17	0.4	
LSK	HZ	103	223	EP		1044	53.29	1.44									1.0
LSK	HN	103	223	ES		1045	6.52	-.180									1.0
THL	HZ	149	160	EP		1044	59.18	-.640									1.0
THL	HN	149	160	ES		1045	20.76	-.360									1.0
IGT	HZ	171	213	EP		1045	4.070	.590									0.9
IGT	HN	171	213	ES		1045	28.120	.380									0.9

**January 27 2022 Hour: 22:4 15.1 Lat: 40.11N Lon: 19.98E D: 20.9 Ag: TIR Local**  
**Magnitudes: 1.1ML TIR Rms: 0.3 secs**  
**11 km W of Gjirokaster**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	26	177	EP		22	4	20.75	-.070						1.0
SRN	HE	26	177	ES		22	4	25.23	-.220						1.0
SRN	HZ	26	177	IAML		22	4	26.93		13	0.3				
KEK	HZ	47	200	EP		22	4	24.060	.080						1.0
KEK	HN	47	200	ES		22	4	31.330	.160						1.0
KEK	HZ	47	200	IAML		22	4	33.29		20	0.5				
LSK	HZ	53	85	EP		22	4	24.81	-.120						1.0
LSK	HN	53	85	ES		22	4	32.990	.100						1.0
BERA	HZ	66	357	EP		22	4	26.44	-.540						1.0
BERA	HE	66	357	ES		22	4	37.060	.450						1.0
IGT	HZ	71	155	EP		22	4	27.60	-.200						1.0
IGT	HE	71	155	ES		22	4	38.380	.290						1.0
IGT	HZ	71	155	IAML		22	4	45.09		3	0.2				
NEST	HZ	97	69	EP		22	4	32.310	.200						1.0
NEST	HN	97	69	ES		22	4	45.74	-.140						1.0
NEST	HZ	97	69	IAML		22	4	52.23		2	0.4				

**January 27 2022 Hour: 23:20 5.2 Lat: 39.68N Lon: 20.62E D: 17.8 Ag: TIR Local**  
**Magnitudes: 1.3ML TIR Rms: 0.5 secs**  
**37 km E of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	30	237	EP		2320	11.05	-.220							1.0
IGT	HE	30	237	ES		2320	16.210	.030							1.0
IGT	HZ	30	237	IAML		2320	20.16			16	0.6				
LSK	HZ	52	358	EP		2320	15.98	1.14							1.0
LSK	HN	52	358	ES		2320	22.740	.100							1.0
SRN	HZ	58	293	EP		2320	15.35	-.310							1.0
SRN	HN	58	293	ES		2320	24.190	.060							1.0
KEK	HZ	71	273	EP		2320	17.890	.070							1.0
KEK	HN	71	273	ES		2320	27.82	-.210							1.0
NEST	HZ	89	24	EP		2320	21.200	.260							1.0
NEST	HE	89	24	ES		2320	32.77	-.910							1.0

**January 27 2022 Hour: 23:24 23.9 Lat: 40.65N Lon: 21.40E D: 3.1 Ag: TIR Local**  
**Magnitudes: 1.2ML TIR Rms: 0.6 secs**  
**33 km E of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	40	228	IP		2324	31.440	.400							1.0
NEST	HN	40	228	ES		2324	38.16	1.37							1.0
NEST	HZ	40	228	IAML		2324	39.70			25	0.2				
KBN	HZ	52	266	EP		2324	32.99	-.170							1.0
KBN	HN	52	266	ES		2324	39.78	-.850							1.0
KBN	HZ	52	266	IAML		2324	40.31			4	0.1				
LSK	HZ	88	231	EP		2324	39.03	-.590							1.0
LSK	HN	88	231	ES		2324	51.68	-.650							1.0
LSK	HZ	88	231	IAML		2324	56.16			3	0.2				
BERA	HZ	122	273	EP		2324	45.970	.430							1.0
BERA	HN	122	273	ES		2325	3.510	.470							1.0
THL	HN	132	156	ES		2325	5.66	-.290							1.0
SRN	HN	146	235	ES		2325	9.90	-.410							1.0
IGT	HZ	154	216	EP		2324	51.210	.380							1.0
IGT	HN	154	216	ES		2325	12.52	-.090							1.0

January 28 2022 Hour: 0: 6 17.6 Lat: 41.08N Lon: 20.19E D: 23.2 Ag: TIR Local  
 Magnitudes: 0.8ML TIR Rms: 0.8 secs  
 6 km E of Elbasan

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	41	318	EP		0	6	25.04-.650							1.0
TIR	HN	41	318	ES		0	6	31.81-.400							1.0
TIR	HZ	41	318	IAML		0	6	32.78		5	0.2				
BERA	HZ	46	206	EP		0	6	26.920.360							1.0
BERA	HN	46	206	ES		0	6	33.970.190							1.0
PHP	HZ	71	17	EP		0	6	30.780.350							1.0
PHP	HN	71	17	ES		0	6	40.66-.130							1.0
PHP	HZ	71	17	IAML		0	6	41.14		2	0.5				
KBN	HZ	71	135	EP		0	6	31.99 1.44							1.0
NEST	HZ	103	135	EP		0	6	33.69-1.94							1.0
PUK	HZ	110	347	EP		0	6	36.940.290							1.0
PUK	HN	110	347	ES		0	6	52.510.450							1.0
PUK	HZ	110	347	IAML		0	6	57.77	0.90		0.2				
SDA	HN	122	332	ES		0	6	55.490.040							1.0

January 28 2022 Hour: 0:41 16.0 Lat: 41.42N Lon: 20.18E D: 9.6 Ag: TIR Local  
 Magnitudes: 2.5ML TIR Rms: 0.4 secs  
 8 km SW of Bulqize

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	28	252	IP		041	21.290.060								1.0
TIR	HE	28	252	ES		041	25.470.010								1.0
TIR	HZ	28	252	IAML		041	30.69			244	0.4				
PHP	HZ	36	37	EP		041	22.73-.030								1.0
PHP	HN	36	37	ES		041	28.470.240								1.0
PHP	HZ	36	37	IAML		041	30.61			286	0.4				
PUK	HZ	73	341	EP		041	29.310.320								1.0
PUK	HE	73	341	ES		041	40.220.700								1.0
PUK	HZ	73	341	IAML		041	43.48			59	0.3				
BERA	HZ	82	194	EP		041	30.17-.340								1.0
BERA	HN	82	194	ES		041	41.83-.440								1.0
SDA	HZ	90	321	EP		041	31.62-.120								1.0
SDA	HE	90	321	ES		041	44.820.330								1.0
SDA	HZ	90	321	IAML		041	50.38			44	0.3				
BPA2	HZ	90	212	EP		041	31.68-.150								1.0
KBN	HZ	102	150	EP		041	33.91-.010								1.0
KBN	HE	102	150	ES		041	48.900.460								1.0
KBN	HZ	102	150	IAML		041	53.58			39	0.7				
BCI	HZ	105	355	EP		041	33.45-.920								1.0
BCI	HN	105	355	ES		041	48.54-.700								1.0
BCI	HZ	105	355	IAML		042	0.10			50	0.5				
VLO	HZ	121	209	EP		041	37.290.390								1.0
NEST	HZ	134	147	EP		041	39.10-.070								1.0
NEST	HE	134	147	ES		041	57.74-.190								1.0
NEST	HZ	134	147	IAML		042	0.54			46	0.8				
PDG	HZ	135	326	EP		041	38.82-.530								1.0
PDG	HN	135	326	ES		041	58.570.310								1.0
PDG	HZ	135	326	IAML		042	2.33			65	0.5				
LSK	HZ	146	166	EP		041	41.480.330								1.0
SRN	HZ	172	185	EP		041	45.660.210								0.9
SRN	HZ	172	185	IAML		042	26.96			22	1.1				
KEK	HZ	193	190	EP		041	47.90-.230								0.9
IGT	HZ	210	176	EP		041	50.820.410								0.9

**January 28 2022 Hour: 4:16 29.1 Lat: 41.70N Lon: 19.41E D: 0.8 Ag: TIR Local**  
**Magnitudes: 0.6ML TIR Rms: 0.3 secs**  
**21 km SW of Lezhe**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SDA	HZ	40	11	EP		416	36.13	-.090							1.0
SDA	HN	40	11	ES		416	41.64	-.340							1.0
SDA	HZ	40	11	IAML		416	42.59			2	0.1				
PUK	HZ	55	46	EP		416	39.280	.270							1.0
PUK	HE	55	46	ES		416	47.110	.090							1.0
PUK	HZ	55	46	IAML		416	47.49			2	0.2				
PDG	HZ	82	351	EP		416	43.36	-.440							1.0
PDG	HN	82	351	ES		416	56.150	.460							1.0
PHP	HZ	86	91	EP		416	44.700	.270							1.0
PHP	HN	86	91	ES		416	56.62	-.220							1.0
PHP	HZ	86	91	IAML		416	59.01			3	0.4				

**January 28 2022 Hour: 5: 0 7.5 Lat: 41.25N Lon: 20.08E D: 10.5 Ag: TIR Local**  
**Magnitudes: 1.5ML TIR 2.2MW TIR Rms: 0.4 secs**  
**15 km N of Elbasan**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	21	302	EP		5 0	11.58	-.150							1.0
TIR	HN	21	302	ES		5 0	15.05	-.080							1.0
TIR	HZ	21	302	IAML	A	5 0	17.51			35	0.2				
PHP	HZ	57	32	EP		5 0	17.73	-.120							1.0
PHP	HN	57	32	ES		5 0	26.10	-.100							1.0
PHP	HZ	57	32	IAML	A	5 0	28.04			12	0.5				
BERA	HZ	62	190	EP		5 0	18.550	.010							1.0
BERA	HN	62	190	ES		5 0	27.37	-.080							1.0
BPA2	HZ	69	214	EP		5 0	19.21	-.610							1.0
PUK	HZ	90	350	IP	A	5 0	23.590	.330							1.0
PUK	HE	90	350	ES		5 0	36.190	.200							1.0
PUK	HZ	90	350	IAML	A	5 0	38.06			8	0.2				
SDA	HZ	101	332	EP		5 0	24.99	-.150							1.0
SDA	HN	101	332	ES		5 0	39.24	-.160							1.0
SDA	HZ	101	332	IAML		5 0	44.51			8	0.9				
NEST	HZ	124	138	EP		5 0	29.170	.220							1.0
BCI	HZ	124	360	EP		5 0	29.150	.140							1.0
BCI	HN	124	360	ES		5 0	46.420	.020							1.0
NEST	HE	124	138	ES		5 0	45.71	-.590							1.0
NEST	HZ	124	138	IAML		5 0	54.69			3	1.5				
BCI	HZ	124	360	IAML		5 0	48.25			5	0.4				
PDG	HN	148	333	ES		5 0	53.34	-.090							1.0
SRN	HZ	152	182	EP		5 0	34.93	1.31							1.0

**January 28 2022 Hour: 5: 9 17.2 Lat: 39.69N Lon: 20.40E D: 2.7 Ag: TIR Local**  
**Magnitudes: 1.4ML TIR Rms: 0.9 secs**  
**19 km E of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	19	199	EP		5 9	20.48	-.040							1.0
IGT	HN	19	199	ES		5 9	23.790	.550							1.0
IGT	HZ	19	199	IAML		5 9	24.44			98	0.3				
SRN	HZ	40	302	EP		5 9	24.05	-.330							1.0
SRN	HN	40	302	ES		5 9	31.040	.820							1.0
SRN	HZ	40	302	IAML		5 9	32.20			8	0.4				
KEK	HZ	52	273	IP	A	5 9	26.21	-.220							1.0
KEK	HN	52	273	ES		5 9	33.73	-.200							1.0
KEK	HZ	52	273	IAML		5 9	38.99			25	0.5				
LSK	HZ	54	18	EP		5 9	24.81	-1.96							1.0
LSK	HN	54	18	ES		5 9	34.600	.050							1.0
NEST	HZ	98	34	EP		5 9	34.20	-.390							1.0
NEST	HE	98	34	ES		5 9	50.41	1.71							1.0
NEST	HZ	98	34	IAML		5 9	57.87			3	0.8				

January 28 2022 Hour: 5:25 48.1 Lat: 39.27N Lon: 20.68E D: 10.0F Ag: TIR Local  
 Magnitudes: 1.6ML TIR Rms: 0.7 secs

66 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	42	314	EP		525	55.55	-.000							1.0
IGT	HE	42	314	ES		526	1.34	-.260							1.0
IGT	HZ	42	314	IAML		526	3.58			45	0.2				
LKD2	HZ	53	182	EP		525	57.94	0.330							1.0
LKD2	HN	53	182	ES		526	5.88	0.550							1.0
SRN	HZ	90	320	EP		526	3.32	-.740							1.0
SRN	HN	90	320	ES		526	17.09	0.090							1.0
SRN	HZ	90	320	IAML		526	20.08			9	0.4				
KEK	HZ	90	303	EP		526	4.16	-.070							1.0
KEK	HN	90	303	ES		526	17.15	-.150							1.0
KEK	HZ	90	303	IAML		526	20.36			28	0.3				
LSK	HZ	98	356	EP		526	5.91	0.320							1.0
LSK	HZ	98	356	IAML		526	26.40			8	0.6				
THL	HZ	120	74	EP		526	7.63	-1.80							1.0
NEST	HZ	131	14	EP		526	11.87	0.460							1.0
NEST	HN	131	14	ES		526	31.62	1.32							1.0
NEST	HZ	131	14	IAML		526	39.69			4	0.4				

January 28 2022 Hour: 5:38 55.2 Lat: 41.26N Lon: 20.06E D: 11.1 Ag: TIR Local  
 Magnitudes: 2.6ML TIR 3.1MW TIR Rms: 0.6 secs

17 km N of Elbasan

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	19	300	IP	A	538	59.22	0.110							1.0
TIR	HE	19	300	ES		539	2.47	0.180							1.0
TIR	HZ	19	300	IAML	A	539	4.99			516	0.5				
PHP	HZ	57	34	IP	A	539	5.26	-.110							1.0
PHP	HN	57	34	ES		539	13.60	-.030							1.0
PHP	HZ	57	34	IAML	A	539	15.53			149	0.6				
BERA	HZ	63	189	EP		539	5.88	-.470							1.0
BERA	HE	63	189	ES		539	14.69	-.720							1.0
BERA	HZ	63	189	IAML	A	539	16.97			161	0.2				
BPA2	HZ	70	212	EP		539	6.97	-.540							1.0
PUK	HZ	88	351	IP	A	539	11.08	0.510							1.0
PUK	HN	88	351	ES		539	23.68	0.640							1.0
PUK	HZ	88	351	IAML	A	539	25.98			147	0.4				
KBN	HZ	94	139	EP		539	11.14	-.400							1.0
KBN	HN	94	139	ES		539	24.85	0.050							1.0
KBN	HZ	94	139	IAML	A	539	31.60			55	1.1				
SDA	HZ	99	332	EP		539	12.17	-.240							1.0
SDA	HN	99	332	ES		539	26.80	0.430							1.0
SDA	HZ	99	332	IAML	A	539	32.46			60	0.5				
VLO	HZ	100	209	EP		539	13.95	1.38							1.0
VLO	HZ	100	209	IAML	A	539	37.99			96	0.3				
BCI	HZ	123	0	EP		539	15.78	-.580							1.0
BCI	HN	123	0	ES		539	33.69	0.170							1.0
BCI	HZ	123	0	IAML	A	539	35.54			75	0.4				
NEST	HZ	126	138	EP		539	16.59	-.310							1.0
NEST	HZ	126	138	IAML	A	539	38.96			55	0.5				
LSK	HZ	132	160	EP		539	18.18	0.300							1.0
LSK	HZ	132	160	IAML	A	539	46.23			55	0.6				
PDG	HZ	146	333	EP		539	19.28	-.880							1.0
PDG	HN	146	333	ES		539	39.49	-.910							1.0
PDG	HZ	146	333	IAML	A	539	44.54			48	0.2				
SRN	HZ	154	182	EP		539	22.28	0.810							1.0
SRN	HZ	154	182	IAML	A	539	50.67			25	0.6				
KEK	HZ	173	187	EP		539	24.89	0.220							0.9
IGT	HZ	193	173	EP		539	26.91	-.330							0.9
IGT	HZ	193	173	IAML	A	540	0.52			25	0.4				
THL	HZ	251	138	EP		539	35.42	0.820							0.9

**January 28 2022 Hour: 12:19 42.6 Lat: 40.44N Lon: 21.08E D: 18.9 Ag: TIR Local**  
**Magnitudes: 1.5ML TIR Rms: 0.4 secs**  
**22 km S of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	4	226	EP		1219	46.300	.150							1.0
NEST	HN	4	226	ES		1219	48.94-	.080							1.0
NEST	HZ	4	226	IAML		1219	49.12			334	0.2				
KBN	HZ	32	309	EP		1219	48.42-	.750							1.0
KBN	HE	32	309	ES		1219	54.960	.470							1.0
KBN	HZ	32	309	IAML		1219	57.47			25	0.2				
LSK	HZ	52	232	EP		1219	52.410	.110							1.0
LSK	HN	52	232	ES		1219	59.95-	.210							1.0
LSK	HZ	52	232	IAML		1220	0.41			11	0.2				
IGT	HZ	120	213	EP		1220	3.700	.400							1.0
IGT	HN	120	213	ES		1220	20.00-	.070							1.0

**January 28 2022 Hour: 14:16 45.0 Lat: 40.91N Lon: 20.24E D: 17.8 Ag: TIR Local**  
**Magnitudes: 1.5ML TIR Rms: 0.3 secs**  
**6 km NE of Gramsh**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA	HZ	34	227	EP		1416	52.240	.560							1.0
BERA	HN	34	227	ES		1416	56.82-	.240							1.0
BERA	HZ	34	227	IAML		1416	58.40			43	0.1				
PHP	HZ	88	11	EP		1417	0.560	.100							1.0
NEST	HN	88	129	ES		1417	13.310	.330							1.0
PHP	HN	88	11	ES		1417	12.68-	.260							1.0
PHP	HZ	88	11	IAML		1417	24.93			4	0.9				
NEST	HZ	88	129	EP		1417	0.30-	.180							1.0
LSK	HZ	90	160	EP		1417	0.46-	.350							1.0
PUK	HZ	129	347	EP		1417	7.05-	.320							1.0
PUK	HE	129	347	ES		1417	25.820	.370							1.0
PUK	HZ	129	347	IAML		1417	30.43			4	0.6				

**January 29 2022 Hour: 0:10 31.4 Lat: 39.70N Lon: 20.45E D: 18.9 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR Rms: 0.3 secs**  
**23 km E of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	22	209	IP		010	35.93-	.520							1.0
IGT	HN	22	209	IS		010	40.790	.280							1.0
IGT	HZ	22	209	IAML		010	41.52			15	0.1				
SRN	HZ	44	297	IP		010	40.000	.340							1.0
SRN	HN	44	297	IS		010	46.08-	.240							1.0
SRN	HZ	44	297	IAML		010	47.73			31	0.2				
LSK	HZ	51	14	IP		010	41.260	.320							1.0
LSK	HN	51	14	IS		010	48.50-	.140							1.0
KEK	HZ	56	271	IP		010	41.39-	.310							1.0
KEK	HN	56	271	IS		010	50.230	.210							1.0
KEK	HZ	56	271	IAML		010	53.23			18	0.8				
NEST	HZ	94	32	IP		010	48.100	.150							1.0
NEST	HN	94	32	IS		011	1.23-	.100							1.0

**January 29 2022 Hour: 1:15 9.6 Lat: 40.77N Lon: 21.36E D: 11.1 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR 2.2MW TIR Rms: 0.4 secs**  
**34 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	48	214	IP		115	18.14-	.150							1.0
NEST	HN	48	214	IS		115	25.540	.210							1.0
NEST	HZ	48	214	IAML		115	26.34			31	0.2				
KBN	HZ	51	252	IP		115	18.36-	.530							1.0
KBN	HN	51	252	IS		115	26.23-	.190							1.0
KBN	HZ	51	252	IAML		115	27.25			15	0.4				
LSK	HZ	95	223	EP		115	25.98-	.140							1.0
LSK	HN	95	223	IS		115	39.600	.100							1.0

PHP	HZ	128	323	IP	115	31.830	.210											1.0
PHP	HN	128	323	IS	115	49.16-	.290											1.0
PHP	HZ	128	323	IAML	115	50.59			5	1.2								
THL	HZ	145	157	IP	115	34.840	.390											1.0
THL	HN	145	157	IS	115	53.90-	.690											1.0
SRN	HZ	152	230	EP	115	35.48-	.180											1.0
SRN	HN	152	230	IS	115	56.57-	.210											1.0
SRN	HZ	152	230	IAML	115	57.97			13	1.1								
IGT	HZ	163	213	IP	115	37.980	.490											0.9
IGT	HN	163	213	IS	116	0.640	.560											0.9
IGT	HZ	163	213	IAML	116	26.86			7	1.5								
PUK	HZ	187	319	IP	115	41.580	.640											0.9
PUK	HN	187	319	IS	116	6.25-	.080											0.9
PUK	HZ	187	319	IAML	116	13.71			16	0.3								

January 29 2022 Hour: 3: 7 13.8 Lat: 40.94N Lon: 20.24E D: 15.0 Ag: TIR Distant  
Magnitudes: 2.3ML TIR 4.1MW TIR Rms: 0.9 secs

10 km NE of Gramsh

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	58	128	IP	4A	3 7	1.61-	22.6							0.0
PHP	HZ	84	11	IP	A	3 7	28.860	.350							1.0
PHP	HZ	84	11	IAML	A	3 7	47.14		65	1.6					
NEST	HZ	90	131	IP	A	3 7	29.35-	.210							1.0
NEST	HZ	90	131	IAML	A	3 7	48.72		34	1.9					
LSK	HZ	93	161	IP	4A	3 7	37.88	7.78							0.0
SRN	HZ	120	190	IP	A	3 7	36.04	1.55							1.0
PUK	HZ	125	347	IP	A	3 7	34.77-	.680							1.0
PUK	HZ	125	347	IAML	A	3 7	57.77		14	1.7					
SDA	HZ	138	333	IP	A	3 7	37.800	.390							1.0
SDA	HZ	138	333	IAML	A	3 8	0.24		70	1.9					
KEK	HZ	142	196	IP	A	3 7	36.70-	1.45							1.0
IGT	HZ	157	177	IP	4A	3 7	30.06-	10.5							0.0
PDG	HZ	184	334	IP	4A	3 7	39.93-	4.25							0.0

January 29 2022 Hour: 6:37 6.0 Lat: 39.98N Lon: 20.71E D: 9.5 Ag: TIR Local  
Magnitudes: 0.9ML TIR Rms: 0.3 secs

37 km E of Libohove

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	21	333	IP		637	9.71-	.430							1.0
LSK	HN	21	333	IS		637	13.850	.320							1.0
LSK	HZ	21	333	IAML		637	15.37		10	0.3					
NEST	HZ	56	31	IP		637	15.98-	.150							1.0
NEST	HN	56	31	IS		637	24.650	.270							1.0
NEST	HZ	56	31	IAML		637	25.78		5	0.2					
IGT	HZ	60	213	IP		637	16.33-	.360							1.0
IGT	HN	60	213	IS		637	25.890	.500							1.0
SRN	HZ	62	260	IP		637	16.95-	.100							1.0
SRN	HN	62	260	IS		637	25.98-	.050							1.0

January 29 2022 Hour: 6:43 49.2 Lat: 41.78N Lon: 19.53E D: 20.2 Ag: TIR Local  
Magnitudes: 1.9ML TIR Rms: 0.4 secs

9 km W of Lezhe

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SDA	HZ	30	355	IP		643	55.30-	.210							1.0
SDA	HN	30	355	IS		644	0.42-	.170							1.0
SDA	HZ	30	355	IAML		644	1.36		65	0.2					
PUK	HZ	42	45	IP		643	57.18-	.130							1.0
PUK	HN	42	45	IS		644	3.950	.100							1.0
PUK	HZ	42	45	IAML		644	5.35		50	0.4					
TIR	HZ	55	150	IP		643	59.21-	.220							1.0
TIR	HN	55	150	IS		644	7.790	.110							1.0
PDG	HZ	76	343	IP		644	3.030	.340							1.0
PDG	HN	76	343	IS		644	14.170	.590							1.0
PDG	HZ	76	343	IAML		644	16.13		34	0.3					

PHP	HZ	76	98	IP	644	2.76-	.070												1.0
PHP	HN	76	98	IS	644	14.380.	.540												1.0
PHP	HZ	76	98	IAML	644	16.05				20	0.2								
BCI	HZ	79	34	IP	644	2.46-	.760												1.0
BCI	HN	79	34	IS	644	14.42-	.130												1.0
BCI	HZ	79	34	IAML	644	17.49				39	0.4								

**January 29 2022 Hour: 7:30 44.0 Lat: 42.37N Lon: 19.82E D: 9.2 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR Rms: 0.2 secs**  
**21 km W of Bajram\_Curri**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BCI	HZ	20	90	EP		730	48.010.	.010							1.0
BCI	HE	20	90	ES		730	51.14-	.130							1.0
BCI	HZ	20	90	IAML		730	52.14			119	0.2				
PUK	HZ	37	171	EP		730	50.960.	.220							1.0
PUK	HE	37	171	ES		730	56.330.	.090							1.0
SDA	HZ	44	217	EP		730	52.150.	.150							1.0
SDA	HE	44	217	ES		730	58.27-	.250							1.0
SDA	HZ	44	217	IAML		731	0.22			31	0.2				
PDG	HZ	47	279	EP		730	52.750.	.320							1.0
PDG	HE	47	279	ES		730	59.10-	.200							1.0
PDG	HZ	47	279	IAML		731	1.29			55	0.5				
PHP	HZ	92	146	EP		730	59.83-	.270							1.0
PHP	HN	92	146	ES		731	13.220.	.050							1.0

**January 29 2022 Hour: 18:24 22.4 Lat: 40.49N Lon: 21.18E D: 12.6 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR Rms: 0.3 secs**  
**37 km SE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	14	234	EP		1824	25.26-	.550							1.0
NEST	HE	14	234	ES		1824	28.870.	.260							1.0
NEST	HZ	14	234	IAML		1824	30.77			122	0.2				
KBN	HZ	37	294	EP		1824	29.580.	.320							1.0
KBN	HE	37	294	ES		1824	34.81-	.020							1.0
KBN	HZ	37	294	IAML		1824	35.41			10	0.1				
LSK	HZ	62	233	EP		1824	33.03-	.470							1.0
LSK	HN	62	233	ES		1824	42.730.	.220							1.0
LSK	HZ	62	233	IAML		1824	43.53			17	0.7				
THL	HZ	125	145	EP		1824	44.060.	.190							1.0
THL	HN	125	145	ES		1825	1.330.	.040							1.0
IGT	HZ	128	215	EP		1824	44.570.	.070							1.0
IGT	HE	128	215	ES		1825	2.39-	.050							1.0

**January 29 2022 Hour: 20:30 21.6 Lat: 38.76N Lon: 20.65E D: 9.0 Ag: TIR Local**  
**Magnitudes: 2.5ML TIR Rms: 0.4 secs**  
**106 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	3	15	EP		2030	23.19-	.210							1.0
LKD2	HN	3	15	ES		2030	24.980.	.120							1.0
IGT	HZ	90	343	EP		2030	36.76-	.710							1.0
IGT	HE	90	343	ES		2030	49.98-	.340							1.0
IGT	HZ	90	343	IAML		2030	54.04			161	0.3				
KEK	HZ	129	326	EP		2030	43.67-	.250							1.0
KEK	HN	129	326	ES		2031	2.290.	.290							1.0
KEK	HZ	129	326	IAML		2031	4.16			76	0.6				
SRN	HZ	136	336	EP		2030	45.540.	.370							1.0
SRN	HE	136	336	ES		2031	3.95-	.310							1.0
SRN	HZ	136	336	IAML		2031	14.17			34	0.7				
THL	HZ	148	52	EP		2030	47.00-	.130							1.0
THL	HN	148	52	ES		2031	7.66-	.160							1.0
LSK	HZ	155	358	EP		2030	48.930.	.690							1.0
LSK	HN	155	358	ES		2031	10.230.	.410							1.0
LSK	HZ	155	358	IAML		2031	20.05			30	0.7				
NEST	HZ	187	10	EP		2030	53.720.	.530							0.9

NEST HN 187 10 ES 2031 18.60-.180 0.9  
 NEST HZ 187 10 IAML 2031 23.04 15 0.6

**January 30 2022 Hour: 1:20 17.3 Lat: 39.37N Lon: 20.78E D: 8.8 Ag: TIR Local**  
**Magnitudes: 1.7ML TIR Rms: 0.7 secs**

**60 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	43	295	EP		120	24.60-.540								1.0
IGT	HN	43	295	ES		120	31.720.230								1.0
IGT	HZ	43	295	IAML		120	35.62			9	0.3				
SRN	HZ	88	310	EP		120	32.970.150								1.0
SRN	HN	88	310	ES		120	44.03-1.37								1.0
LSK	HZ	88	350	EP		120	33.230.330								1.0
LSK	HN	88	350	ES		120	46.88 1.34								1.0
LSK	HZ	88	350	IAML		120	49.93			6	0.5				
KEK	HZ	93	295	EP		120	34.140.480								1.0
KEK	HE	93	295	ES		120	47.290.380								1.0
KEK	HZ	93	295	IAML		120	49.13			61	1.6				
NEST	HZ	118	11	EP		120	37.72-.210								1.0
NEST	HE	118	11	ES		120	53.82-.830								1.0
NEST	HZ	118	11	IAML		121	3.93			12	1.5				

**January 30 2022 Hour: 4:33 44.2 Lat: 41.90N Lon: 20.07E D: 23.6 Ag: TIR Local**  
**Magnitudes: 1.1ML TIR Rms: 0.4 secs**

**18 km S of Fushe-Arrez**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	22	318	EP		433	50.090.260								1.0
PUK	HE	22	318	ES		433	54.08-.300								1.0
PUK	HZ	22	318	IAML		433	55.49			11	0.2				
PHP	HZ	39	127	EP		433	51.70-.430								1.0
PHP	HN	39	127	ES		433	58.670.120								1.0
PHP	HZ	39	127	IAML		434	0.22			4	0.4				
SDA	HZ	50	290	EP		433	53.26-.430								1.0
SDA	HN	50	290	ES		434	1.980.600								1.0
BCI	HZ	52	360	EP		433	54.390.350								1.0
BCI	HN	52	360	ES		434	2.030.020								1.0
BCI	HZ	52	360	IAML		434	3.05			6	0.5				
PDG	HZ	89	312	EP		434	0.420.600								1.0
PDG	HN	89	312	ES		434	11.68-.790								1.0
PDG	HZ	89	312	IAML		434	16.99			3	0.4				

**January 30 2022 Hour: 5:15 7.8 Lat: 39.40N Lon: 20.77E D: 7.8 Ag: TIR Local**  
**Magnitudes: 1.8ML TIR Rms: 0.2 secs**

**58 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	40	292	EP		515	15.16-.000								1.0
IGT	HE	40	292	ES		515	21.170.040								1.0
IGT	HZ	40	292	IAML		515	21.39			15	0.2				
SRN	HZ	85	309	EP		515	22.36-.510								1.0
SRN	HE	85	309	ES		515	35.01-.070								1.0
SRN	HZ	85	309	IAML		515	42.92			15	0.9				
KEK	HZ	90	293	EP		515	23.990.190								1.0
KEK	HE	90	293	ES		515	36.930.170								1.0
KEK	HZ	90	293	IAML		515	45.20			22	0.8				
NEST	HZ	115	12	EP		515	28.210.190								1.0

**January 30 2022 Hour: 6:36 38.7 Lat: 40.95N Lon: 20.43E D: 10.0F Ag: TIR Local**  
**Magnitudes: 1.3ML TIR 2.1MW TIR Rms: 0.6 secs**

**16 km NE of Gramsh**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	47	141	IP		636	46.59-.560								1.0
KBN	HN	47	141	ES		636	54.800.800								1.0
KBN	HZ	47	141	IAML	A	636	58.68			22	0.5				
BERA	HZ	49	236	IP	A	636	47.13-.380								1.0



NEST	HZ	79	139	IP		636	52.35-	.520								1.0
NEST	HN	79	139	ES		637	4.09-	.260								1.0
PHP	HZ	81	1	IP		636	52.56-	.630								1.0
PHP	HN	81	1	ES		637	5.210.	.270								1.0
PHP	HZ	81	1	IAML		637	9.72		6	0.5						
PUK	HZ	129	340	IP	A	637	2.290.	.620								1.0
PUK	HZ	129	340	IAML	A	637	28.56		2	0.7						
IGT	HZ	158	183	IP	A	637	7.220.	.760								0.9

**January 30 2022 Hour: 7: 5 25.5 Lat: 39.95N Lon: 20.72E D: 9.0 Ag: TIR Local**  
**Magnitudes: 1.4ML TIR Rms: 0.4 secs**  
**39 km E of Libohove**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	24	336	EP		7 5	29.78-	.390							1.0
LSK	HN	24	336	ES		7 5	33.72-	.240							1.0
LSK	HZ	24	336	IAML		7 5	40.30		47	0.9					
IGT	HZ	57	215	EP		7 5	35.31-	.470							1.0
IGT	HN	57	215	ES		7 5	44.490.	.380							1.0
IGT	HZ	57	215	IAML		7 5	47.84		7	0.2					
NEST	HZ	59	29	EP		7 5	36.690.	.540							1.0
NEST	HN	59	29	ES		7 5	44.920.	.140							1.0
NEST	HZ	59	29	IAML		7 5	47.22		5	0.2					
SRN	HZ	62	263	EP		7 5	36.50-	.090							1.0
SRN	HN	62	263	ES		7 5	46.160.	.570							1.0
SRN	HZ	62	263	IAML		7 5	47.49		12	0.3					
KEK	HZ	83	252	EP		7 5	39.70-	.440							1.0

**January 30 2022 Hour: 7:58 29.1 Lat: 38.75N Lon: 20.57E D: 9.3 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR 2.9MW TIR Rms: 0.5 secs**  
**105 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	9	57	EP		758	31.26-	.230							1.0
LKD2	HE	9	57	ES		758	33.10-	.280							1.0
IGT	HZ	90	347	IP	A	758	44.990.	.050							1.0
IGT	HE	90	347	ES		758	57.910.	.170							1.0
IGT	HZ	90	347	IAML	A	759	1.63		89	0.3					
KEK	HZ	126	328	EP		758	51.780.	.720							1.0
KEK	HN	126	328	ES		759	8.45-	.360							1.0
KEK	HZ	126	328	IAML	A	759	18.22		54	0.7					
SRN	HZ	135	339	EP		758	52.990.	.490							1.0
SRN	HE	135	339	ES		759	11.32-	.100							1.0
SRN	HZ	135	339	IAML		759	20.17		19	0.8					
THL	HZ	154	53	EP		758	55.960.	.290							1.0
THL	HN	154	53	ES		759	17.350.	.200							1.0
LSK	HZ	156	1	EP		758	56.420.	.420							1.0
LSK	HN	156	1	ES		759	18.130.	.370							1.0
LSK	HZ	156	1	IAML	A	759	32.26		20	0.4					
NEST	HZ	190	12	EP		759	1.260.	.210							0.9
NEST	HE	190	12	ES		759	26.32-	.560							0.9
NEST	HZ	190	12	IAML		759	32.55		13	0.5					
ITM	HZ	211	145	EP		759	3.830.	.180							0.9
ITM	HN	211	145	ES		759	31.630.	.030							0.9
PHP	HZ	327	358	EP		759	18.03-	.510							0.8
PHP	HZ	327	358	IAML		759	55.01		4	0.3					
PUK	HZ	371	351	EP		759	22.29-	1.93							0.8

**January 30 2022 Hour: 13:29 44.9 Lat: 40.85N Lon: 21.33E D: 11.1 Ag: TIR Local**  
**Magnitudes: 1.6ML TIR Rms: 0.9 secs**  
**36 km E of Pustec**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	52	241	EP		1329	54.28-	.080							1.0
KBN	HN	52	241	ES		1330	1.51-	.500							1.0
KBN	HZ	52	241	IAML		1330	3.60		19	0.1					
NEST	HZ	54	206	EP		1329	54.38-	.290							1.0

NEST	HE	54	206	ES		1330	1.79-.780										1.0
NEST	HZ	54	206	IAML		1330	3.16		61	0.2							
LSK	HZ	99	219	EP		1330	1.67-.580										1.0
LSK	HN	99	219	ES		1330	15.73-.560										1.0
LSK	HZ	99	219	IAML		1330	18.78		5	0.4							
PHP	HZ	119	322	EP		1330	5.980.540										1.0
PHP	HN	119	322	ES		1330	21.02-1.05										1.0
THL	HZ	154	157	EP		1330	12.320.960										1.0
THL	HN	154	157	ES		1330	31.30-1.48										1.0
SRN	HZ	156	227	EP		1330	12.70 1.08										1.0
SRN	HN	156	227	ES		1330	33.890.650										1.0
IGT	HZ	169	210	EP		1330	15.70 1.86										0.9
IGT	HE	169	210	ES		1330	37.870.610										0.9
IGT	HZ	169	210	IAML		1330	43.71		3	0.7							

**January 30 2022 Hour: 14:56 1.0 Lat: 40.81N Lon: 19.96E D: 15.0F Ag: TIR Distant**

**Magnitudes: 1.3ML TIR 2.3MW TIR**

**Rms: 0.5 secs**

**3 km NE of Kucove**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
BERA	HZ	12	183	IP	4A	1456	0.60-3.82								0.0	
LSK	HZ	92	143	IP	4A	1456	24.70 7.64								0.0	
NEST	HZ	102	115	IP	A	1456	19.130.260								1.0	
SRN	HZ	104	178	IP	A	1456	18.67-.350								1.0	
PHP	HZ	105	23	IP	4A	1456	34.13 14.9								0.0	
KEK	HZ	123	186	IP	A	1456	23.050.810								1.0	
PUK	HZ	137	358	IP	A	1456	24.46-.070								1.0	
PUK	HZ	137	358	IAML	A	1456	45.03		2	0.4						
IGT	HZ	146	167	IP	A	1456	25.37-.670								1.0	

**January 30 2022 Hour: 15: 3 10.0 Lat: 39.26N Lon: 20.09E D: 32.6 Ag: TIR Local**

**Magnitudes: 1.9ML TIR**

**Rms: 0.6 secs**

**39 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	37	35	EP		15 3	19.030.710								1.0
IGT	HN	37	35	ES		15 3	25.490.420								1.0
IGT	HZ	37	35	IAML		15 3	26.63		41	0.1					
KEK	HZ	56	334	EP		15 3	21.060.140								1.0
KEK	HN	56	334	ES		15 3	28.86-.920								1.0
KEK	HZ	56	334	IAML		15 3	29.61		66	0.5					
SRN	HZ	70	354	EP		15 3	23.320.490								1.0
SRN	HN	70	354	ES		15 3	32.82-.410								1.0
SRN	HZ	70	354	IAML		15 3	34.53		35	0.3					
LKD2	HZ	72	136	EP		15 3	23.250.050								1.0
LKD2	HN	72	136	ES		15 3	33.29-.610								1.0
LSK	HZ	108	24	EP		15 3	28.63-.230								1.0
LSK	HN	108	24	ES		15 3	44.06-.090								1.0
LSK	HZ	108	24	IAML		15 3	46.86		8	0.5					
NEST	HZ	153	32	EP		15 3	35.260.510								1.0
NEST	HZ	153	32	IAML		15 4	2.08		4	0.1					
THL	HZ	169	78	EP		15 3	37.770.990								0.9
THL	HN	169	78	ES		15 3	57.47-1.02								0.9

**January 31 2022 Hour: 0: 3 4.3 Lat: 39.31N Lon: 20.87E D: 3.6 Ag: TIR Local**

**Magnitudes: 1.5ML TIR**

**Rms: 0.3 secs**

**65 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	53	298	EP		0 3	13.58-.190								1.0
IGT	HN	53	298	ES		0 3	21.15-.260								1.0
IGT	HZ	53	298	IAML		0 3	21.96		12	1.0					
LSK	HZ	96	346	EP		0 3	22.130.630								1.0
LSK	HN	96	346	ES		0 3	35.22-.170								1.0
LSK	HZ	96	346	IAML		0 3	37.60		6	0.9					
SRN	HZ	98	310	EP		0 3	21.970.120								1.0
SRN	HN	98	310	ES		0 3	36.320.280								1.0

SRN HZ 98 310 IAML 0 3 43.62 14 1.2  
 NEST HZ 123 7 EP 0 3 25.71-.430 1.0

**January 31 2022 Hour: 2:56 17.9 Lat: 40.68N Lon: 20.01E D: 14.2 Ag: TIR Local**  
**Magnitudes: 1.6ML TIR 2.0MW TIR Rms: 0.5 secs**

**4 km SE of Berat**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA	HZ	6	291	EP		256	20.54	-.010							1.0
BERA	HN	6	291	ES		256	22.40	-.330							1.0
BERA	HZ	6	291	IAML		256	22.78		178	0.1					
BPA2	HZ	34	279	EP		256	24.42	0.170							1.0
BPA2	HN	34	279	ES		256	30.63	1.21							1.0
VLO	HZ	50	241	EP		256	26.48	-.430							1.0
VLO	HN	50	241	ES		256	33.99	-.250							1.0
VLO	HZ	50	241	IAML		256	36.78		19	0.3					
KBN	HZ	66	96	EP		256	28.89	-.750							1.0
KBN	HN	66	96	ES		256	38.89	-.290							1.0
LSK	HZ	78	140	EP		256	31.65	0.080							1.0
LSK	HN	78	140	ES		256	42.97	0.300							1.0
LSK	HZ	78	140	IAML		256	48.89		5	0.6					
SRN	HZ	89	181	EP		256	33.12	-.350							1.0
SRN	HE	89	181	ES		256	46.54	0.430							1.0
NEST	HZ	93	108	EP		256	34.59	0.460							1.0
NEST	HN	93	108	ES		256	48.20	0.900							1.0
KEK	HZ	109	190	EP		256	36.63	-.190							1.0
KEK	HN	109	190	ES		256	51.71	-.470							1.0
IGT	HZ	131	168	EP		256	40.33	-.060							1.0
IGT	HN	131	168	ES		256	58.60	-.050							1.0
PUK	HZ	151	356	EP		256	43.40	-.420							1.0

**January 31 2022 Hour: 3:1 3.5 Lat: 41.24N Lon: 20.10E D: 17.6 Ag: TIR Local**  
**Magnitudes: 1.9ML TIR 2.4MW TIR Rms: 0.6 secs**

**13 km N of Elbasan**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	23	302	EP		3	1	8.38	-.190						1.0
TIR	HN	23	302	ES		3	1	12.38	-.320						1.0
TIR	HZ	23	302	IAML		3	1	14.20	100	0.3					
PHP	HZ	57	30	EP		3	1	14.36	0.460						1.0
PHP	HN	57	30	ES		3	1	22.67	0.310						1.0
PHP	HZ	57	30	IAML		3	1	23.77	18	0.1					
BERA	HZ	61	192	EP		3	1	14.34	-.040						1.0
BERA	HN	61	192	ES		3	1	23.29	0.070						1.0
BERA	HZ	61	192	IAML		3	1	26.19	27	0.3					
BPA2	HZ	69	216	EP		3	1	16.25	0.440						1.0
KBN	HZ	89	139	EP		3	1	18.59	-.580						1.0
KBN	HN	89	139	ES		3	1	31.21	-.670						1.0
KBN	HZ	89	139	IAML		3	1	40.58	7	0.4					
PUK	HZ	91	349	EP		3	1	19.79	0.290						1.0
PUK	HN	91	349	ES		3	1	32.95	0.460						1.0
PUK	HZ	91	349	IAML		3	1	35.46	19	0.2					
VLO	HZ	99	211	EP		3	1	20.73	-.050						1.0
VLO	HE	99	211	ES		3	1	35.40	0.600						1.0
VLO	HZ	99	211	IAML		3	1	47.34	22	0.3					
SDA	HZ	103	331	EP		3	1	21.21	-.240						1.0
SDA	HN	103	331	ES		3	1	35.71	-.300						1.0
SDA	HZ	103	331	IAML		3	1	39.14	12	0.1					
NEST	HZ	121	138	EP		3	1	24.66	0.160						1.0
NEST	HE	121	138	ES		3	1	41.64	0.100						1.0
NEST	HZ	121	138	IAML		3	1	48.14	8	0.4					
BCI	HZ	126	359	EP		3	1	25.03	-.150						1.0
BCI	HN	126	359	ES		3	1	42.97	0.200						1.0
BCI	HZ	126	359	IAML		3	1	44.93	9	0.4					
LSK	HZ	128	161	EP		3	1	24.45	-1.11						1.0
LSK	HN	128	161	ES		3	1	45.15	1.69						1.0

LSK	HZ	128	161	IAML	3	1	56.74			13	0.9						
PDG	HZ	150	333	EP	3	1	28.33-.670										1.0
PDG	HN	150	333	ES	3	1	50.210.530										1.0
PDG	HZ	150	333	IAML	3	1	55.46			11	0.3						
SRN	HZ	151	183	EP	3	1	28.28-.870										1.0
IGT	HZ	190	174	EP	3	1	33.68-.740										0.9
IGT	HE	190	174	ES	3	2	0.050.560										0.9

**January 31 2022 Hour: 3:18 17.7 Lat: 40.13N Lon: 20.41E D: 24.3 Ag: TIR Local**  
**Magnitudes: 1.4ML TIR Rms: 0.2 secs**  
**34 km E of Libohove**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	17	81	EP		318	22.75-.110								1.0
LSK	HN	17	81	ES		318	27.100.040								1.0
SRN	HZ	44	232	EP		318	26.630.310								1.0
SRN	HE	44	232	ES		318	33.19-.140								1.0
SRN	HZ	44	232	IAML		318	41.41			13	1.1				
NEST	HZ	63	59	EP		318	29.400.070								1.0
IGT	HZ	66	186	EP		318	29.37-.380								1.0
IGT	HN	66	186	ES		318	39.740.210								1.0

**January 31 2022 Hour: 9:21 32.6 Lat: 41.27N Lon: 20.09E D: 9.8 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR Rms: 0.4 secs**  
**17 km N of Elbasan**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	21	295	IP		921	36.35-.310								1.0
TIR	HN	21	295	IS		921	40.310.340								1.0
TIR	HZ	21	295	IAML		921	42.39			271	0.4				
PHP	HZ	55	32	IP		921	42.42-.120								1.0
PHP	HN	55	32	IS		921	50.960.360								1.0
PHP	HZ	55	32	IAML		921	53.01			68	0.4				
BERA	HZ	64	191	IP		921	43.57-.450								1.0
BERA	HN	64	191	IS		921	53.470.170								1.0
PUK	HZ	88	349	IP		921	47.99-.010								1.0
PUK	HN	88	349	IS		922	0.900.410								1.0
PUK	HZ	88	349	IAML		922	2.22			69	0.1				
KBN	HZ	93	140	IP		921	48.83-.040								1.0
KBN	HN	93	140	IS		922	2.320.250								1.0
KBN	HZ	93	140	IAML		922	8.81			22	0.2				
SDA	HZ	100	331	IP		921	49.34-.630								1.0
SDA	HN	100	331	IS		922	3.88-.170								1.0
BCI	HZ	122	359	IP		921	54.020.300								1.0
BCI	HN	122	359	IS		922	10.60-.240								1.0
BCI	HZ	122	359	IAML		922	15.04			43	0.5				
NEST	HZ	125	139	EP		921	53.67-.550								1.0
LSK	HZ	132	161	EP		921	54.96-.380								1.0
LSK	HN	132	161	ES		922	13.59-.200								1.0
LSK	HZ	132	161	IAML		922	24.69			33	0.7				
SRN	HZ	154	183	EP		922	0.43 1.34								1.0

**January 31 2022 Hour: 14:22 10.8 Lat: 41.23N Lon: 20.08E D: 16.3 Ag: TIR Local**  
**Magnitudes: 1.5ML TIR Rms: 0.1 secs**  
**14 km N of Elbasan**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	22	305	IP		1422	15.44-.200								1.0
TIR	HN	22	305	IS		1422	19.650.120								1.0
TIR	HZ	22	305	IAML		1422	21.17			36	0.3				
PHP	HZ	58	31	IP		1422	21.430.050								1.0
PHP	HN	58	31	IS		1422	29.82-.100								1.0
PHP	HZ	58	31	IAML		1422	32.03			7	0.1				
PUK	HZ	91	350	IP		1422	27.010.190								1.0
PUK	HN	91	350	IS		1422	39.880.110								1.0
PUK	HZ	91	350	IAML		1422	42.20			9	0.2				
SDA	HN	103	332	IS		1422	42.98-.170								1.0

SDA HZ 103 332 IAML 1422 43.76 6 0.1

January 31 2022 Hour: 20: 7 55.0 Lat: 41.19N Lon: 20.74E D: 3.4 Ag: TIR Local  
Magnitudes: 2.4ML TIR Rms: 0.5 secs

21 km NE of Prrenjas

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	60	336	EP		20	8	5.72-.080							1.0
PHP	HN	60	336	ES		20	8	14.29-.220							1.0
PHP	HZ	60	336	IAML		20	8	16.00		71	0.1				
KBN	HZ	63	176	EP		20	8	6.930.580							1.0
KBN	HN	63	176	ES		20	8	15.40-.110							1.0
KBN	HZ	63	176	IAML		20	8	22.66		63	0.9				
TIR	HZ	75	284	EP		20	8	8.800.340							1.0
TIR	HE	75	284	ES		20	8	19.420.090							1.0
TIR	HZ	75	284	IAML		20	8	22.00		66	0.3				
BERA	HZ	86	231	EP		20	8	10.19-.160							1.0
NEST	HZ	90	163	EP		20	8	10.61-.550							1.0
NEST	HN	90	163	ES		20	8	23.69-.530							1.0
NEST	HZ	90	163	IAML		20	8	28.07		89	0.5				
LSK	HZ	116	186	EP		20	8	15.770.100							1.0
LSK	HN	116	186	ES		20	8	31.79-.580							1.0
LSK	HZ	116	186	IAML		20	8	37.31		42	0.4				
PUK	HZ	118	324	EP		20	8	15.55-.380							1.0
PUK	HE	118	324	ES		20	8	31.96-.890							1.0
PUK	HZ	118	324	IAML		20	8	38.83		28	0.4				
SDA	HZ	140	313	EP		20	8	19.810.170							1.0
SDA	HE	140	313	ES		20	8	38.98-.580							1.0
SDA	HZ	140	313	IAML		20	8	41.12		31	0.3				
BCI	HZ	142	337	EP		20	8	21.16 1.25							1.0
BCI	HE	142	337	ES		20	8	40.490.430							1.0
BCI	HZ	142	337	IAML		20	8	42.42		54	0.4				
SRN	HZ	158	203	EP		20	8	23.190.560							0.9
SRN	HE	158	203	ES		20	8	45.450.460							0.9
SRN	HZ	158	203	IAML		20	8	54.59		24	1.0				
PDG	HZ	184	319	EP		20	8	26.860.020							0.9
PDG	HN	184	319	ES		20	8	52.53-.080							0.9
PDG	HZ	184	319	IAML		20	8	57.24		25	0.3				
IGT	HZ	187	191	EP		20	8	27.620.350							0.9
IGT	HZ	187	191	IAML		20	8	57.94		20	0.6				

January 31 2022 Hour: 20:26 26.8 Lat: 41.21N Lon: 20.83E D: 11.1 Ag: TIR Local  
Magnitudes: 2.6ML TIR Rms: 0.8 secs

29 km NE of Prrenjas

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	62	328	EP		20	26	37.62-.260							1.0
PHP	HN	62	328	ES		20	26	46.12-.770							1.0
PHP	HZ	62	328	IAML		20	26	46.98		161	0.6				
KBN	HZ	65	183	EP		20	26	38.530.180							1.0
KBN	HN	65	183	ES		20	26	47.37-.370							1.0
KBN	HZ	65	183	IAML		20	26	50.19		82	0.4				
TIR	HZ	83	281	EP		20	26	40.81-.440							1.0
TIR	HE	83	281	ES		20	26	52.32-.660							1.0
TIR	HZ	83	281	IAML		20	26	54.83		92	0.3				
NEST	HZ	90	168	EP		20	26	42.530.000							1.0
NEST	HN	90	168	ES		20	26	55.430.130							1.0
NEST	HZ	90	168	IAML		20	26	59.90		110	0.5				
BERA	HZ	93	233	EP		20	26	41.83-1.18							1.0
BERA	HZ	93	233	IAML		20	26	59.04		47	0.2				
BPA2	HZ	115	243	EP		20	26	46.43-.240							1.0
LSK	HZ	119	190	EP		20	26	47.33-.060							1.0
LSK	HN	119	190	ES		20	27	4.02-.080							1.0
LSK	HZ	119	190	IAML		20	27	9.35		54	0.6				
PUK	HZ	121	320	EP		20	26	47.28-.470							1.0
PUK	HE	121	320	ES		20	27	4.27-.480							1.0

PUK	HZ	121	320	IAML	2027	12.77			38	0.6						
VLO	HZ	140	234	EP	2026	51.070.340										1.0
BCI	HZ	144	334	EP	2026	52.95 1.53										1.0
BCI	HN	144	334	ES	2027	11.780.390										1.0
BCI	HZ	144	334	IAML	2027	14.43			62	0.4						
SDA	HZ	145	311	EP	2026	52.060.390										1.0
SDA	HN	145	311	ES	2027	11.48-.360										1.0
SDA	HZ	145	311	IAML	2027	12.94			30	0.4						
SRN	HZ	164	206	EP	2026	55.98 1.26										0.9
SRN	HE	164	206	ES	2027	18.010.650										0.9
SRN	HZ	164	206	IAML	2027	22.47			31	0.6						
PDG	HZ	188	317	EP	2026	58.610.470										0.9
PDG	HN	188	317	ES	2027	24.410.860										0.9
PDG	HZ	188	317	IAML	2027	28.85			39	0.4						
KEK	HZ	188	208	EP	2026	58.180.080										0.9
THE	HZ	191	109	EP	2026	58.33-.090										0.9
IGT	HZ	191	193	EP	2027	0.34 1.85										0.9
IGT	HN	191	193	ES	2027	24.440.240										0.9
IGT	HZ	191	193	IAML	2027	30.00			18	0.4						
THL	HZ	208	151	EP	2027	0.38-.310										0.9
THL	HN	208	151	ES	2027	25.95-2.22										0.9

**January 31 2022 Hour: 21:11 4.5 Lat: 40.35N Lon: 20.02E D: 4.5 Ag: TIR Local**  
**Magnitudes: 1.5ML TIR 2.1MW 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
BERA	HZ	40	352	EP		2111	11.42-.290								1.0
BERA	HE	40	352	ES		2111	17.990.450								1.0
BERA	HZ	40	352	IAML		2111	19.97			46	0.4				
SRN	HZ	52	182	EP		2111	13.22-.560								1.0
SRN	HE	52	182	ES		2111	21.600.310								1.0
SRN	HZ	52	182	IAML		2111	25.37			8	0.2				
LSK	HZ	54	114	EP		2111	13.58-.600								1.0
LSK	HZ	54	114	IAML		2111	29.86			10	0.7				
KEK	HZ	73	195	EP		2111	17.520.000								1.0
KEK	HE	73	195	ES		2111	28.390.330								1.0
KEK	HZ	73	195	IAML		2111	34.56			24	0.8				
NEST	HZ	88	85	EP		2111	20.330.120								1.0
NEST	HE	88	85	ES		2111	33.260.320								1.0
NEST	HZ	88	85	IAML		2111	37.20			3	0.5				
IGT	HZ	94	163	EP		2111	20.77-.570								1.0
IGT	HN	94	163	ES		2111	35.460.480								1.0
IGT	HZ	94	163	IAML		2111	43.40			10	1.4				

**January 31 2022 Hour: 22: 5 15.2 Lat: 41.42N Lon: 20.96E D: 11.4 Ag: TIR Local**  
**Magnitudes: 2.6ML TIR 3.1MW TIR Rms: 0.4 secs**  
**51 km NE of Prenjas**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	53	305	EP		22 5	24.59-.220								1.0
PHP	HN	53	305	ES		22 5	32.11-.440								1.0
PHP	HZ	53	305	IAML	A	22 5	32.18			99	0.3				
KBN	HZ	89	190	EP		22 5	31.030.170								1.0
KBN	HN	89	190	ES		22 5	43.570.060								1.0
KBN	HZ	89	190	IAML	A	22 5	46.12			78	0.4				
TIR	HZ	92	266	EP		22 5	31.370.040								1.0
TIR	HN	92	266	ES		22 5	43.69-.670								1.0
TIR	HZ	92	266	IAML		22 5	53.27			57	0.8				
NEST	HZ	111	176	EP		22 5	34.30-.280								1.0
NEST	HE	111	176	ES		22 5	50.280.040								1.0
NEST	HZ	111	176	IAML	A	22 5	53.07			148	0.3				
PUK	HZ	113	308	EP		22 5	34.25-.610								1.0
PUK	HN	113	308	ES		22 5	50.52-.230								1.0
PUK	HZ	113	308	IAML	A	22 5	55.99			38	0.6				
BERA	HZ	116	227	EP		22 5	34.85-.500								1.0

