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Seismological Bulletin

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Institute of GeoSciences(IGEO)

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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 Ml, based on the Richter formula (Hutton & Boore, 1987), corrected refered to EMSC:

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

where, D is the hypocentral distance (km).

Representative ML value is the arithmetic mean of the resulted magnitude values for each station. No station corrections are used for either travel times or magnitude. The Vp/Vs velocity ratio, used in the layered velocity model above, is 1.81.

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

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

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

The bulletin working group is composed of supervising staff: Prof. Asoc. Edmond Dushi (researcher), MSc. Damiano Koxhaj (researcher), MSc. Klajdi Qoshi (researcher) and the Analysts: Eng. Ardian Minarolli, MSc. Irena Dushi, MSc. Anila Subashi, MSc. Olgert Gjuzi and MSc. Dionald Mucaj. Link to the web bulletine working group https://www.geo.edu.al/Services/Department_of_Seismology/Bulletin_working_group

STATIONS USED

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

STATION	LATITUDE	LONGITUDE	HEIGHT(m)	NAME
BCI	42.3666N	20.0675E	500	Bajram Curri
PUK	42.0426N	19.8926E	900	Puke
PHP	41.6847N	20.4408E	670	Peshkopi
SDA	42.0500N	19.5000E	30	Shkoder
TIR	41.3472N	19.8631E	247	Tirane
BERA	40.7081N	19.9455E	234	Berat
KBN	40.6200N	20.7900E	800	Korce
VLO	40.4700N	19.5000W	50	Vlore
SRN	39.8800N	20.0050W	20	Sarande
LSK	40.1499N	20.5987W	960	Leskovik
BPA1	40.7232N	19.6560E	10	Marinza Oilfield
BPA2	40.7302N	19.6187E	25	Marinza Oilfield
BELS	40.9709N	19.9128E	243	Belsh, Elbasan
BURR	41.6015N	20.0048E	362	Burrel
DRSH	41.2813N	19.5215E	123	Shkembi i Kavajes, Durres
FUST	41.3251N	20.3969E	1161	Fushe Studen, Librazhd
MOGL	40.7054N	20.3916E	497	Moglice, Maliq
PLSA	40.1659N	19.6240E	386	Palase, Vlore
POGR2	40.9376N	20.6340E	747	Memelisht, Pogradec
PRMT	40.2287N	20.3515E	294	Permet
RZM	42.3461N	19.5487E	1177	Razem, Shkoder
VLO2	40.4678N	19.5876E	183	Peshkepi - Vlore
POGR	40.8996N	20.6790E	710	Pogradec
KKS	42.0730N	20.4017E	399	Kukes

MACROSEISMIC DATA

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

Abbreviations:

TIME:	Origin time in UTC (hr. min. and sec.) or data file onset time if event is not located.
LAT:	Latitude of epicenter
LON:	Longitude of epicenter
DEPTH:	Focal depth in kilometer (trailing F indicates fixed depth)
AGENCY:	Hypocenter reporting agency e.g. TIR (ASN), EMS (EMSC),etc
MAGNITUDES:	Up to 3 different magnitudes can be given followed by type and and reporting agency, e.g. 3.1 MC TIR - coda magnitude calculated in TIR.
RMS:	Root mean square value of travel time residuals
STAT:	Station code
CO:	Component,S:short period,L:long period,B:broadband,
DIST:	Epicenter distance (km)
AZI:	Azimuth from source to station
PHAS:	Phase; The first letter characterizes onset E(mergent) or I(mpulsive)
P:	Polarity (C for compression, D for dilatation)
HR:	Hour
MN:	Minute
SECON:	Seconds
TRES:	Residual (seconds)
CODA:	Signal duration in seconds
AMPL:	Ground Amplitude (0.5*(peak to peak)), (nm) at period PERI
PERI:	Period where amplitude is measured
BAZ:	Back azimuth (station to event)
ARES:	Back azimuth residual
VELO:	Apparent phase velocity (km/sec)
WT:	Weight of phase in the location
*:	An asterix before the phase arrival time implies a potential timing error. If an S phase is read, differential S-P times will be used in the hypocenter location.

References:

Ottemoller, Voss and Haskov (2017). Seisan Earthquake Analysis Software for Windows, Solaris, Linux and MacOSx. http://seisan.info.

Hutton, L. K. and Boore, David M. (1987). The Ml scale in Southern California. Bull. of Seimological Society of America, 77 (6). pp. 2074-2094. ISSN 0037-1106, https://resolver.caltech.edu/CaltechAUTHORS: 20140905-113510505.

Havskov, J., Kuka, N., Duni, Ll., Dushi, E., Bozo, Rr. (2020). The Albanian Seismic Network, plans and progress towards improving data acquisition and processing. Status January 2020. Cooperation between the Albanian Seismic Network and the Iniversity of Bergen. ftp://ftp.geo.uib.no/pub/seismo/REPORTS/ALBANIA/albania-uib-report-2.pdf.

November 4 2024 Hour: 1:27 39.0 Lat: 38.72N Lon: 20.58E D: 10.0F Ag: TIR Local
Magnitudes: 2.5ML TIR 3.1MW TIR Rms: 0.4 secs
109 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	10	42	EP		0127	41.50	0.63							1.0
VLS	HZ	60	179	EP		0127	49.74	-0.03							1.0
KEK	HZ	129	329	EP		0128	02.01	0.10							1.0
KEK	HN	129	329	ES		0128	21.16	0.70							1.0
KEK	HZ	129	329	IAML		0128	23.58			56	0.4				
SRN	HZ	138	339	EP		0128	03.67	0.29							1.0
SRN	HN	138	339	ES		0128	22.64	-0.48							1.0
SRN	HZ	138	339	IAML		0128	31.07			28	0.1				
THL	HZ	156	52	EP		0128	05.39	-0.91							1.0
THL	HN	156	52	ES		0128	28.65	0.24							1.0
LSK	HZ	159	1	EP		0128	06.99	0.10							0.9
LSK	HN	159	1	ES		0128	29.92	0.45							0.9
LSK	HZ	159	1	IAML		0128	34.63			43	0.5				
AL06A	HZ	168	335	EP		0128	08.68	0.37							0.9
PRMT	EZ	169	353	EP		0128	08.15	-0.34							0.9
PENT	HZ	171	16	EP		0128	08.58	-0.32							0.9
PLSA	EZ	180	333	EP		0128	10.59	0.15							0.9
PLSA	EZ	180	333	IAML		0128	37.94			13					
TPE	HZ	181	345	EP		0128	09.53	-1.08							0.9
TPE	HZ	181	345	IAML		0128	39.92			22					
NEST	HZ	192	12	EP		0128	12.43	0.13							0.9
NEST	HZ	192	12	IAML		0128	51.21			15	0.6				
KZN	HZ	204	30	EP		0128	13.90	0.16							0.9
ITM	HZ	208	145	EP		0128	14.55	0.34							0.9
ITM	HN	208	145	ES		0128	42.87	0.15							0.9
KBN	HZ	212	5	EP		0128	14.84	0.05							0.9
KBN	HZ	212	5	IAML		0128	48.75			12	0.6				
AL05A	HZ	221	356	EP		0128	15.72	-0.18							0.9
MOGL	EZ	221	356	EP		0128	15.36	-0.53							0.9
BERA	HZ	227	346	EP		0128	16.49	-0.18							0.9
BERA	HZ	227	346	IAML		0128	54.96			18	0.2				

November 5 2024 Hour: 18:18 14.1 Lat: 39.62N Lon: 20.41E D: 12.5 Ag: TIR Local
Magnitudes: 2.8ML TIR 3.3MW TIR Rms: 0.5 secs
20 km E of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JAN	HZ	38	84	EP		1818	21.52	0.31							1.0
JAN	HE	38	84	ES		1818	27.22	0.28							1.0
SRN	HZ	45	309	EP		1818	21.41	-1.03							1.0
SRN	HN	45	309	ES		1818	29.43	0.27							1.0
SRN	HZ	45	309	IAML		1818	29.95			319	0.3				
KEK	HZ	54	281	EP	C	1818	22.60	-1.21							1.0
KEK	HN	54	281	ES		1818	32.23	0.58							1.0
KEK	HZ	54	281	IAML		1818	36.24			770	0.7				
LSK	HZ	61	15	EP	D	1818	24.16	-0.89							1.0
LSK	HN	61	15	ES		1818	32.91	-0.96							1.0
LSK	HZ	61	15	IAML		1818	38.88			278	0.4				
PRMT	EZ	68	356	EP		1818	24.86	-1.28							1.0
PRMT	EN	68	356	ES		1818	34.93	-0.92							1.0
PRMT	EZ	68	356	IAML		1818	38.03			140	0.3				
AL06A	HZ	76	313	EP		1818	26.62	-0.96							1.0
AL06A	HE	76	313	ES		1818	38.67	0.20							1.0
AL06A	HZ	76	313	IAML		1818	45.02			138	0.2				
TPE	HZ	82	336	EP		1818	28.08	-0.46							1.0
TPE	HN	82	336	ES		1818	40.48	0.28							1.0
TPE	HZ	82	336	IAML		1818	48.33			213	0.6				
PENT	HZ	89	44	EP	C	1818	29.34	-0.42							1.0
PENT	HE	89	44	ES		1818	42.65	0.26							1.0
PLSA	EZ	91	312	EP		1818	29.82	-0.14							1.0

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PLSA EZ   91 312 ES       1818 43.28 0.50                          1.0
LKD2 HZ   95 167 EP     D 1818 30.45-0.25                          1.0
LKD2 HN   95 167 ES       1818 44.45 0.34                          1.0
NEST HZ  103  31 EP       1818 31.90-0.27                          1.0
NEST HN  103  31 ES       1818 47.35 0.60                          1.0
NEST HZ  103  31  IAML    1818 54.71           193  0.4
KBN  HZ  116  16 EP       1818 34.40 0.21                          1.0
KBN  HN  116  16 ES       1818 50.52 0.09                          1.0
KBN  HZ  116  16  IAML    1818 59.41            79  0.8
VLO2 EZ  117 323 EP       1818 34.84 0.42                          1.0
VLO2 EN  117 323 ES       1818 51.29 0.44                          1.0
VLO2 EZ  117 323  IAML    1818 56.65            92  0.5
AL05AHZ  120 359 EP       1818 34.40-0.54                          1.0
AL05AHN  120 359 ES       1818 52.25 0.47                          1.0
AL05AHZ  120 359  IAML    1818 55.62            89  0.6
MOGL EZ  120 359 EP       1818 34.30-0.64                          1.0
MOGL EN  120 359 ES       1818 52.14 0.37                          1.0
MOGL EZ  120 359  IAML    1818 55.63            52  0.6
VLO  HZ  122 321 EP       1818 35.71 0.47                          1.0
VLO  HN  122 321 ES       1818 52.82 0.48                          1.0
BERA HZ  127 342 EP       1818 36.11 0.07                          1.0
BERA HN  127 342 ES       1818 54.06 0.29                          1.0
BERA HZ  127 342  IAML    1818 56.74           136  0.3
THL  HZ  138  92 EP       1818 37.81-0.01                          1.0
THL  HN  138  92 ES       1818 57.12 0.12                          1.0
KZN  HZ  139  56 EP       1818 38.07 0.03                          1.0
KZN  HN  139  56 ES       1818 57.47 0.08                          1.0
BPA2 HZ  140 331 EP       1818 38.58 0.32                          1.0
BPA2 HN  140 331 ES       1818 58.19 0.41                          1.0
AL07AHZ  144   9 EP       1818 39.34 0.50                          1.0
AL07AHN  144   9 ES       1818 59.24 0.39                          1.0
BELS EZ  156 344 EP       1818 41.60 0.78                          1.0
BELS EZ  156 344 ES       1819 02.34-0.08                          1.0
VLS  HZ  161 174 EP       1818 41.52-0.22                          0.9
VLS  HN  161 174 ES       1819 04.36 0.28                          0.9
AL08AHZ  167 351 EP       1818 43.09 0.46                          0.9
AL08AHN  167 351 ES       1819 05.70-0.01                          0.9
AL08AHZ  167 351  IAML    1819 17.08            81  0.8
AL04AHZ  170 335 EP       1818 43.01-0.01                          0.9
AL04AHE  170 335 ES       1819 06.33-0.08                          0.9
AL04AHZ  170 335  IAML    1819 14.45            85  0.8
SCTE HZ  174 287 EP       1818 43.41-0.11                          0.9
FUST EZ  189 360 EP       1818 46.10 0.49                          0.9
FUST EN  189 360 ES       1819 11.30 0.19                          0.9
TIR  HZ  197 347 EP       1818 46.44-0.09                          0.9
TIR  HN  197 347 ES       1819 12.99 0.24                          0.9
DRSH EZ  199 338 EP       1818 47.46 0.69                          0.9
DRSH EN  199 338 ES       1819 13.44 0.25                          0.9
DRSH EZ  199 338  IAML    1819 28.34            31  0.2
AL02AHZ  216 337 EP       1818 49.44 0.49                          0.9
AL02AHN  216 337 ES       1819 17.05-0.09                          0.9
BURR EZ  223 351 EP       1818 49.45-0.34                          0.9
AL03AHN  223 351 ES       1819 19.00 0.32                          0.9
AL03AHZ  223 351  IAML    1819 28.62            41  0.3
BURR EN  223 351 ES       1819 18.68 0.02                          0.9
AL03AHZ  223 351 EP       1818 50.22 0.42                          0.9
PHP  HZ  229   1 EP       1818 50.75 0.08                          0.9
PHP  HN  229   1 ES       1819 19.18-1.08                          0.9
PHP  HZ  229   1  IAML    1819 30.68            27  1.1
LACI HZ  231 346 EP       1818 50.71-0.18                          0.9
LACI HE  231 346 ES       1819 19.25-1.40                          0.9
LACI HZ  231 346  IAML    1819 32.52            21  0.7
KKS  HZ  272 360 EP       1818 56.11-0.06                          0.9
KKS  HN  272 360 ES       1819 30.36 0.15                          0.9
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KKS	HZ	272	360	IAML	1819	43.52		17	1.0					
PUK	HZ	272	351	EP	1818	55.87	-0.38							0.9
PUK	HE	272	351	ES	1819	30.54	0.18							0.9
PUK	HZ	272	351	IAML	1819	34.87		11	0.5					
PLG	HZ	272	71	EP	1818	56.94	0.77							0.9
ITM	HZ	302	154	EP	1818	59.89	-0.07							0.8

November 6 2024 Hour: 2:18 10.7 Lat: 39.09N Lon: 19.66E D: 21.2 Ag: TIR Local
Magnitudes: 2.5ML TIR 3.0MW TIR Rms: 0.3 secs
77 km SW of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KEK	HZ	70	10	EP		0218	23.78	0.49							1.0
KEK	HN	70	10	ES		0218	33.27	-0.19							1.0
KEK	HZ	70	10	IAML		0218	34.46			267	0.3				
SRN	HZ	92	19	EP		0218	27.02	0.09							1.0
SRN	HN	92	19	ES		0218	40.04	-0.02							1.0
SRN	HZ	92	19	IAML		0218	42.11			53	0.3				
LKD2	HZ	93	111	EP		0218	27.66	0.51							1.0
LKD2	HN	93	111	ES		0218	40.27	-0.18							1.0
PLSA	EZ	119	359	EP		0218	30.72	-0.52							1.0
PLSA	EN	119	359	ES		0218	47.92	0.06							1.0
PLSA	EZ	119	359	IAML		0218	51.04			35					
VLS	HZ	130	141	EP		0218	32.48	-0.54							1.0
TPE	HZ	137	13	EP		0218	33.55	-0.49							1.0
TPE	HN	137	13	ES		0218	52.51	-0.40							1.0
TPE	HZ	137	13	IAML		0218	54.62			32	0.3				
LSK	HZ	142	34	EP		0218	35.07	0.09							1.0
LSK	HN	142	34	ES		0218	54.70	0.07							1.0
LSK	HZ	142	34	IAML		0218	55.76			40	0.2				
SCTE	HZ	149	317	EP		0218	35.85	-0.10							1.0
VLO	HZ	153	355	EP		0218	36.86	0.33							1.0
VLO	HZ	153	355	IAML		0219	00.60			31	0.4				
PENT	HZ	177	46	EP		0218	39.45	-0.19							0.9
PENT	HN	177	46	ES		0219	02.76	-0.31							0.9
BERA	HZ	181	8	EP		0218	40.64	0.53							0.9
BERA	HN	181	8	ES		0219	03.90	0.00							0.9
BERA	HZ	181	8	IAML		0219	09.29			22	0.5				
NEST	HZ	189	39	EP		0218	41.65	0.40							0.9
NEST	HN	189	39	ES		0219	06.39	0.42							0.9
NEST	HZ	189	39	IAML		0219	13.31			17	0.7				

November 7 2024 Hour: 3:55 30.5 Lat: 39.63N Lon: 20.66E D: 7.0F Ag: TIR Local
Magnitudes: 2.8ML TIR 3.2MW TIR Rms: 0.3 secs
40 km E of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	58	355	EP		0355	39.94	-1.01							1.0
LSK	HE	58	355	ES		0355	49.43	0.01							1.0
LSK	HZ	58	355	IAML		0355	56.07			290	0.7				
SRN	HZ	63	297	EP		0355	41.65	-0.12							1.0
SRN	HN	63	297	ES		0355	50.79	-0.12							1.0
SRN	HZ	63	297	IAML		0355	52.03			170	0.5				
KEK	HZ	74	277	EP		0355	42.85	-0.96							1.0
KEK	HE	74	277	ES		0355	54.54	-0.06							1.0
KEK	HZ	74	277	IAML		0356	00.33			244	0.5				
PENT	HZ	75	33	EP		0355	43.06	-0.94							1.0
PENT	HN	75	33	ES		0355	54.92	-0.01							1.0
TPE	HZ	92	324	EP		0355	46.01	-0.79							1.0
TPE	HN	92	324	ES		0355	59.93	-0.09							1.0
TPE	HZ	92	324	IAML		0356	13.12			114	0.9				
AL06A	HZ	92	304	EP		0355	46.82	-0.03							1.0
AL06A	HN	92	304	ES		0356	00.13	0.03							1.0
AL06A	HZ	92	304	IAML		0356	04.14			157	0.6				
HIMA	HZ	92	304	EP		0355	46.83	-0.02							1.0
HIMA	HE	92	304	ES		0356	00.13	0.04							1.0

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LKD2 HZ   93 180 EP       0355 47.21 0.17                          1.0
LKD2 HE   93 180 ES       0356 00.63 0.20                          1.0
NEST HZ   93  21 EP       0355 46.21-0.88                          1.0
NEST HE   93  21 ES       0356 00.50-0.03                          1.0
NEST HZ   93  21  IAML    0356 03.28            66  0.7
PLSA EZ  107 304 EP       0355 49.28 0.04                          1.0
PLSA EN  107 304 ES       0356 04.43 0.01                          1.0
KBN  HZ  111   6 EP       0355 50.23 0.22                          1.0
KBN  HN  111   6 ES       0356 05.89 0.08                          1.0
THL  HZ  117  93 EP       0355 51.17 0.24                          1.0
THL  HN  117  93 ES       0356 07.69 0.21                          1.0
KZN  HZ  121  51 EP       0355 51.05-0.68                          1.0
KZN  HN  121  51 ES       0356 09.11 0.18                          1.0
AL05AHZ  122 349 EP       0355 51.34-0.42                          1.0
AL05AHZ  122 349  IAML    0356 19.40            43  0.4
MOGL EZ  122 349 ES       0356 09.06 0.08                          1.0
AL05AHN  122 349 ES       0356 09.15 0.17                          1.0
MOGL EZ  122 349 EP       0355 51.38-0.38                          1.0
VLO2 EZ  130 316 EP       0355 53.20 0.01                          1.0
VLO2 EN  130 316 ES       0356 11.54-0.05                          1.0
BERA HZ  134 333 EP       0355 54.07 0.22                          1.0
BERA HN  134 333 ES       0356 12.90 0.14                          1.0
BERA HZ  134 333  IAML    0356 23.39            97  0.6
VLO  HZ  136 314 EP       0355 54.29 0.15                          1.0
VLO  HN  136 314 ES       0356 13.80 0.51                          1.0
AL07AHZ  141   1 EP       0355 55.05 0.03                          1.0
AL07AHE  141   1 ES       0356 15.16 0.28                          1.0
VLS  HZ  161 182 EP       0355 58.51 0.14                          0.9
VLS  HN  161 182 ES       0356 21.11 0.17                          0.9
BELS EZ  162 337 EP       0355 58.55 0.10                          0.9
BELS EN  162 337 ES       0356 21.27 0.18                          0.9
AL08AHZ  171 344 EP       0355 59.84-0.05                          0.9
AL08AHN  171 344 ES       0356 23.86 0.16                          0.9
AL08AHZ  171 344  IAML    0356 30.96            66  0.6
AL04AHZ  179 329 EP       0356 01.35 0.15                          0.9
AL04AHN  179 329 ES       0356 26.33 0.26                          0.9
AL04AHZ  179 329  IAML    0356 38.13            53  0.5
FUST EZ  190 353 EP       0356 02.73 0.06                          0.9
FUST EZ  190 353 ES       0356 28.85 0.11                          0.9
TIR  HZ  202 341 EP       0356 04.36 0.18                          0.9
TIR  HN  202 341 ES       0356 31.67 0.20                          0.9
DRSH EZ  207 333 EP       0356 05.05 0.25                          0.9
DRSH EZ  207 333 ES       0356 32.67 0.08                          0.9
DRSH EZ  207 333  IAML    0356 47.69            27  0.4
AL02AHZ  225 332 EP       0356 07.36 0.34                          0.9
BURR EN  226 346 ES       0356 37.02 0.04                          0.9
THE  HZ  226  60 EP       0356 07.74 0.53                          0.9
AL03AHZ  226 346 EP       0356 07.22-0.01                          0.9
AL03AHN  226 346 ES       0356 37.19 0.21                          0.9
AL03AHZ  226 346  IAML    0356 52.62            43  1.8
BURR EZ  226 346 EP       0356 07.37 0.15                          0.9
PHP  HZ  229 355 EP       0356 07.90 0.23                          0.9
PHP  HZ  229 355  IAML    0356 48.91            20  0.6
LACI HZ  237 341 EP       0356 08.09-0.48                          0.9
LACI HN  237 341 ES       0356 39.46 0.05                          0.9
LACI HZ  237 341  IAML    0356 50.01            17  1.0
PLG  HZ  252  70 EP       0356 10.37-0.23                          0.9
PLG  HN  252  70 ES       0356 43.11 0.03                          0.9
KKS  HZ  272 356 EP       0356 13.56 0.39                          0.9
KKS  HN  272 356 ES       0356 47.82 0.07                          0.9
KKS  HZ  272 356  IAML    0356 56.53            17  1.5
PUK  HZ  276 347 EP       0356 13.75 0.08                          0.8
PRZK HZ  287   2 EP       0356 15.78 0.70                          0.8
PRZK HN  287   2 ES       0356 51.48 0.29                          0.8
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PRZK HZ  287   2  IAML    0357 04.73             13  0.9
BCI  HZ  308 351 EP       0356 17.72-0.06                      0.8
BCI  HN  308 351 ES       0356 56.08 0.00                      0.8
BCI  HZ  308 351  IAML    0357 13.59             15  0.8
AL01AHZ  316 343 EP       0356 18.97 0.11                      0.8
AL01AHN  316 343 ES       0356 58.17 0.14                      0.8
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November 7 2024 Hour: 6:49 13.3 Lat: 39.63N Lon: 19.37E D: 21.5 Ag: TIR Local Magnitudes: 2.6ML TIR 3.1MW TIR Rms: 0.3 secs
61 km SW of Sarande

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STAT CO DIST AZI PHASE  P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO  WT
SELS SZ          IP    A  0649 57.75
KEK  HZ   38  75 EP       0649 20.24-0.67                      1.0
KEK  HE   38  75 ES       0649 27.18 0.13                      1.0
KEK  HZ   38  75  IAML    0649 32.89            196  0.2
SRN  HZ   61  62 EP       0649 23.89-0.58                      1.0
SRN  HN   61  62 ES       0649 33.59 0.10                      1.0
SRN  HZ   61  62  IAML    0649 36.10            123  0.3
HIMA HZ   61  33 EP       0649 24.71 0.19                      1.0
AL06AHZ   61  33 EP       0649 24.64 0.11                      1.0
AL06AHE   61  33 ES       0649 33.68 0.11                      1.0
AL06AHZ   61  33  IAML    0649 37.42            219  0.3
HIMA HE   61  33 ES       0649 33.65 0.08                      1.0
PLSA EZ   64  20 EP       0649 24.41-0.54                      1.0
PLSA EN   64  20 ES       0649 34.40 0.05                      1.0
PLSA EZ   64  20  IAML    0649 36.91             98  0.4
SCTE HZ   92 303 EP       0649 29.22-0.27                      1.0
TPE  HZ   93  36 EP       0649 29.59-0.04                      1.0
TPE  HN   93  36 ES       0649 42.93 0.10                      1.0
TPE  HZ   93  36  IAML    0649 45.01             61  0.2
VLO  HZ   94   7 EP       0649 29.90 0.01                      1.0
VLO  HN   94   7 ES       0649 43.16-0.14                      1.0
VLO  HZ   94   7  IAML    0649 45.52            100  0.2
VLO2 EZ   95  11 EP       0649 29.77-0.32                      1.0
VLO2 EZ   95  11 ES       0649 43.53-0.11                      1.0
VLO2 EZ   95  11  IAML    0649 46.26            102  0.5
LSK  HZ  120  61 EP       0649 33.90-0.16                      1.0
LSK  HN  120  61 ES       0649 50.89 0.03                      1.0
LSK  HZ  120  61  IAML    0649 55.95             61  0.4
BPA2 HZ  124  10 EP       0649 34.69 0.03                      1.0
BPA2 HE  124  10 ES       0649 51.93 0.00                      1.0
JAN  HZ  127  88 EP       0649 34.92-0.23                      1.0
JAN  HN  127  88 ES       0649 52.72-0.08                      1.0
BERA HZ  130  22 EP       0649 35.75 0.22                      1.0
BERA HN  130  22 ES       0649 53.47-0.03                      1.0
BERA HZ  130  22  IAML    0649 58.03             46  0.4
LKD2 HZ  145 129 EP       0649 38.01 0.09                      1.0
LKD2 HN  145 129 ES       0649 57.93 0.08                      1.0
MOGL EZ  148  36 EP       0649 39.40 0.97                      1.0
AL05AHZ  148  36 EP       0649 39.34 0.90                      1.0
AL05AHZ  148  36  IAML    0650 05.22             49  0.4
MOGL EN  148  36 ES       0649 58.58-0.18                      1.0
AL05AHN  148  36 ES       0649 58.82 0.05                      1.0
AL04AHZ  154   6 EP       0649 39.25 0.00                      1.0
AL04AHN  154   6 ES       0650 00.22-0.01                      1.0
BELS EZ  156  17 EP       0649 40.15 0.62                      1.0
BELS EZ  156  17 ES       0650 00.55-0.20                      1.0
KBN  HZ  164  47  IAML    0650 11.06             27  1.0
PENT HZ  164  67 EP       0649 41.09 0.48                      0.9
PENT HN  164  67 ES       0650 02.40-0.31                      0.9
KBN  HZ  164  47 EP       0649 40.55-0.03                      0.9
KBN  HE  164  47 ES       0650 02.58-0.06                      0.9
NEST HZ  168  58 EP       0649 41.70 0.57                      0.9
NEST HN  168  58 ES       0650 03.38-0.26                      0.9
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NEST	HZ	168	58	IAML	0650	06.52			28	0.6				
VLS	HZ	193	146	EP	0649	43.69	-0.49							0.9
VLS	HN	193	146	ES	0650	09.09	-0.07							0.9
TIR	HZ	196	12	EP	0649	44.51	-0.07							0.9
TIR	HE	196	12	ES	0650	09.90	0.01							0.9
AL02AHZ		198	1	EP	0649	44.95	0.11							0.9
AL02AHN		198	1	ES	0650	10.21	-0.15							0.9
KZN	HZ	219	69	EP	0649	48.54	0.93							0.9
KZN	HN	219	69	ES	0650	15.22	-0.14							0.9
LACI	HZ	225	7	EP	0649	48.44	0.10							0.9
LACI	HN	225	7	ES	0650	15.94	-0.75							0.9
LACI	HZ	225	7	IAML	0650	27.11			14	0.9				
AL03AHZ		226	14	EP	0649	48.44	-0.03							0.9
THL	HZ	227	91	EP	0649	48.60	-0.01							0.9
THL	HN	227	91	ES	0650	16.93	-0.25							0.9
NOCI	HZ	235	304	EP	0649	49.70	0.08							0.9
PHP	HZ	246	21	EP	0649	51.08	0.01							0.9
PHP	HZ	246	21	IAML	0650	30.60			16	0.4				
PHP	HZ	246	21	IAML	0650	30.74			10	0.2				
AL01AHZ		303	3	EP	0649	58.39	0.00							0.8
RZM	EZ	303	3	EP	0649	58.58	0.20							0.8

November 9 2024 Hour: 4:56 49.4 Lat: 41.26N Lon: 21.13E D: 5.0F Ag: TIR Local Magnitudes: 2.7ML TIR 3.1MW TIR Rms: 0.5 secs

52 km NE of Prrenjas

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL07AHZ		55	224	EP		0456	59.13	-0.15							1.0
AL07AHN		55	224	ES		0457	07.09	-0.16							1.0
AL07AHZ		55	224	IAML		0457	17.25			566	0.6				
FUST	EZ	62	277	EP		0457	00.48	-0.03							1.0
FUST	EE	62	277	ES		0457	09.07	-0.43							1.0
FUST	EZ	62	277	IAML		0457	11.10			50	0.5				
PHP	HZ	75	310	EP		0457	02.18	-0.59							1.0
PHP	HE	75	310	ES		0457	13.33	-0.26							1.0
PHP	HZ	75	310	IAML		0457	15.29			99	0.2				
KBN	HZ	76	202	EP		0457	02.84	-0.19							1.0
KBN	HN	76	202	ES		0457	13.69	-0.37							1.0
KBN	HZ	76	202	IAML		0457	18.88			106	0.6				
AL05AHZ		87	226	EP		0457	04.77	-0.26							1.0
AL05AHE		87	226	ES		0457	17.20	-0.48							1.0
AL05AHZ		87	226	IAML		0457	24.53			109	0.4				
MOGL	EZ	87	226	EP		0457	05.03	0.00							1.0
MOGL	EE	87	226	ES		0457	17.40	-0.28							1.0
MOGL	EZ	87	226	IAML		0457	24.55			61	0.4				
AL08AHZ		88	259	EP		0457	05.10	-0.03							1.0
AL08AHE		88	259	ES		0457	17.31	-0.54							1.0
AL08AHZ		88	259	IAML		0457	22.16			195	1.0				
NEST	HZ	94	184	EP		0457	05.66	-0.55							1.0
NEST	HE	94	184	ES		0457	19.34	-0.47							1.0
NEST	HZ	94	184	IAML		0457	23.19			417	0.5				
BURR	EZ	101	292	EP		0457	07.17	-0.27							1.0
BURR	EE	101	292	IS		0457	22.23	0.18							1.0
BURR	EZ	101	292	IAML		0457	24.80			65	0.6				
AL03AHZ		102	292	EP		0457	06.82	-0.63							1.0
AL03AHN		102	292	ES		0457	22.29	0.22							1.0
AL03AHZ		102	292	IAML		0457	24.80			120	0.6				
TIR	HZ	106	276	EP		0457	08.16	-0.09							1.0
TIR	HN	106	276	ES		0457	23.21	-0.29							1.0
TIR	HZ	106	276	IAML		0457	33.38			34	0.6				
BELS	EZ	107	253	EP		0457	08.52	0.16							1.0
BELS	EZ	107	253	IAML		0457	26.68			35	0.7				
KKS	HZ	109	326	EP		0457	08.43	-0.27							1.0
KKS	HN	109	326	ES		0457	24.38	0.06							1.0
KKS	HZ	109	326	IAML		0457	30.70			59	0.8				

PRZK	HZ	110	344	EP		0457	09.22	0.28					1.0
PRZK	HN	110	344	ES		0457	24.53	-0.22					1.0
PRZK	HZ	110	344		IAML	0457	27.20			136	0.8		
BERA	HZ	117	239	EP		0457	10.40	0.40					1.0
BERA	HZ	117	239		IAML	0457	32.03			76	0.3		
PENT	HZ	118	180	EP		0457	10.25	0.03					1.0
PENT	HN	118	180	ES		0457	27.21	0.13					1.0
KZN	HZ	119	153	EP		0457	10.84	0.49					1.0
KZN	HN	119	153	ES		0457	27.53	0.24					1.0
LACI	HZ	125	290	EP		0457	11.42	0.03					1.0
LACI	HZ	125	290		IAML	0457	30.71			54	1.0		
LSK	HZ	131	200	EP		0457	12.65	0.26					1.0
LSK	HE	131	200	ES		0457	30.93	-0.06					1.0
LSK	HZ	131	200		IAML	0457	32.80			114	0.5		
AL04AHN		135	259	ES		0457	33.13	1.14					1.0
DRSH	EZ	135	272	EP		0457	14.03	1.06					1.0
AL04AHZ		135	259	EP		0457	13.88	0.94					1.0
AL04AHZ		135	259		IAML	0457	38.22			121	0.6		
DRSH	EZ	135	272		IAML	0457	41.84			74	0.5		
PUK	HZ	135	311	EP		0457	12.04	-1.03					1.0
TPE	HZ	142	222	EP		0457	14.80	0.55					1.0
TPE	HZ	142	222		IAML	0457	40.93			53	0.7		
AL02AHZ		146	277	EP		0457	15.39	0.53					1.0
AL02AHZ		146	277		IAML	0457	43.55			80	0.5		
BCI	HZ	152	325	EP		0457	15.39	-0.41					1.0
BCI	HZ	152	325		IAML	0457	39.87			63	0.5		
GMRK	HZ	156	3	EP		0457	17.56	1.01					1.0
GMRK	HN	156	3	ES		0457	38.45	-0.08					1.0
SDA	HZ	162	304	EP		0457	17.68	0.21					0.9
SDA	HZ	162	304		IAML	0457	52.61			39	2.4		
THE	HZ	169	114	EP		0457	18.03	-0.72					0.9
AL06AHZ		174	222	EP		0457	19.87	0.35					0.9
AL06AHZ		174	222		IAML	0457	49.81			35	0.5		
PLSA	EZ	176	227	EP		0457	20.37	0.55					0.9
PVY	HZ	177	327	EP		0457	19.90	-0.27					0.9
BOSS	SZ	177	38	EP		0457	20.18	0.18					0.9
AL01AHZ		179	313	EP		0457	19.62	-0.73					0.9
AL01AHZ		179	313		IAML	0457	46.17			39	1.2		
RZM	EZ	179	313	EP		0457	20.46	0.12					0.9
SRN	HZ	180	212	EP		0457	21.49	0.97					0.9
SRN	HZ	180	212		IAML	0457	46.63			25	0.8		
BARS	BZ	182	18	EP		0457	20.37	-0.44					0.9
THL	HZ	202	158	EP		0457	23.17	-0.18					0.9
PDG	HZ	203	311	EP		0457	23.45	0.08					0.9
PDG	HZ	203	311		IAML	0457	52.52			21	0.7		
ME01AHZ		205	330	EP		0457	24.13	0.42					0.9
PLG	HZ	219	116	EP		0457	24.95	-0.54					0.9
ME02AHZ		268	322	EP		0457	32.98	1.01					0.9

November 11 2024 Hour: 3:58 10.0 Lat: 40.22N Lon: 20.00E D: 4.4 Ag: TIR Local
Magnitudes: 3.6ML TIR 4.0MW TIR Rms: 0.4 secs
8 km S of Tepelene

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TPE	HZ	8	10	EP	D	0358	10.86	-0.86							1.0
TPE	HN	8	10	ES		0358	12.81	-0.30							1.0
TPE	HZ	8	10		IAML	0358	13.67			30980	0.2				
AL06AHZ		25	235	EP	D	0358	14.52	-0.04							1.0
AL06AHZ		25	235		IAML	0358	22.98			3825	0.5				
HIMA	HZ	25	235	EP		0358	14.65	0.09							1.0
HIMA	HE	25	235	ES		0358	18.34	0.10							1.0
AL06AHN		25	235	ES		0358	18.34	0.09							1.0
PLSA	EZ	32	259	EP	D	0358	15.43	-0.42							1.0
PLSA	EN	32	259	ES		0358	20.77	0.18							1.0
SRN	HZ	38	180	EP	D	0358	17.05	0.26							1.0

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SRN  HZ   38 180 ES       0358 22.62 0.34                          1.0
SRN  HZ   38 180  IAML A  0358 29.02          2355  0.8
VLO2 EZ   44 308 EP     D 0358 17.94-0.04                        1.0
VLO2 EN   44 308 ES       0358 24.67 0.23                        1.0
VLO2 EZ   44 308  IAML    0358 34.94          3307  0.9
VLO  HZ   51 303 EP       0358 19.14 0.02                        1.0
VLO  HN   51 303 ES       0358 26.96 0.46                        1.0
VLO  HZ   51 303  IAML    0358 37.32          2497
LSK  HZ   52  98 EP     C 0358 19.34 0.04                        1.0
LSK  HN   52  98 ES       0358 27.63 0.81                        1.0
LSK  HZ   52  98  IAML A  0358 32.56          2491  0.9
BERA HZ   54 355 EP     D 0358 18.96-0.80                        1.0
BERA HN   54 355 ES       0358 28.06 0.41                        1.0
BERA HZ   54 355  IAML    0358 34.51          2736  1.1
KEK  HZ   59 197 EP     D 0358 20.56 0.03                        1.0
KEK  HN   59 197 ES       0358 29.20 0.13                        1.0
KEK  HZ   59 197  IAML    0358 38.48          1477  0.8
AL05AHZ   63  32  IAML    0358 50.67          1582  0.6
MOGL EN   63  32 ES       0358 31.01 0.45                        1.0
AL05AHZ   63  32 EP     D 0358 20.55-0.81                        1.0
AL05AHE   63  32 ES       0358 30.92 0.36                        1.0
MOGL EZ   63  32 EP     D 0358 20.78-0.57                        1.0
BPA2 HZ   65 331 EP       0358 21.87 0.20                        1.0
BPA2 HN   65 331 ES       0358 31.49 0.38                        1.0
KBN  HZ   81  56 EP     D 0358 23.38-1.05                        1.0
KBN  HN   81  56 ES       0358 36.10-0.01                        1.0
KBN  HZ   81  56  IAML    0358 47.77           803  1.5
KBN  HZ   81  56  IAML    0358 47.80           934  0.7
BELS EZ   84 355 EP       0358 24.36-0.61                        1.0
BELS EN   84 355 ES       0358 36.89-0.20                        1.0
NEST HZ   92  76 EP       0358 26.61 0.17                        1.0
NEST HE   92  76 ES       0358 40.21 0.45                        1.0
NEST HZ   92  76  IAML    0358 56.28           618  1.4
AL04AHZ   95 337 EP       0358 27.36 0.40                        1.0
AL04AHN   95 337 ES       0358 41.12 0.43                        1.0
AL04AHZ   95 337  IAML    0359 14.84           844  1.2
AL07AHZ   95  37 EP       0358 26.01-0.98                        1.0
AL07AHN   95  37 ES       0358 40.94 0.19                        1.0
JAN  HZ   96 130 EP       0358 27.35 0.17                        1.0
JAN  HE   96 130 ES       0358 41.19 0.11                        1.0
PENT HZ   97  91 EP     C 0358 26.65-0.73                        1.0
PENT HE   97  91 ES       0358 41.85 0.41                        1.0
AL08AHZ   99   5 EP       0358 27.37-0.23                        1.0
AL08AHN   99   5 ES       0358 42.13 0.28                        1.0
AL08AHZ   99   5  IAML    0359 01.32           947  1.4
DRSH EZ  125 341 EP     C 0358 33.09 1.19                        1.0
DRSH EN  125 341 ES       0358 49.71 0.08                        1.0
DRSH EZ  125 341  IAML    0359 00.08           413  1.4
TIR  HZ  126 355 EP       0358 31.95-0.16                        1.0
TIR  HN  126 355 ES       0358 50.03 0.02                        1.0
FUST EZ  127  15 EP       0358 32.03-0.39                        1.0
FUST EZ  127  15 ES       0358 50.71 0.13                        1.0
SCTE HZ  131 263 EP       0358 33.04-0.01                        1.0
SCTE HN  131 263 ES       0358 51.54-0.17                        1.0
AL02AHZ  141 339 EP       0358 35.58 0.88                        1.0
AL02AHE  141 339 ES       0358 54.82 0.11                        1.0
AL02AHZ  141 339  IAML    0358 59.99           717  1.1
KZN  HZ  151  86 EP       0358 36.51 0.13                        1.0
KZN  HN  151  86 ES       0358 57.93 0.19                        1.0
BURR EN  153   0 ES       0358 58.56 0.18                        1.0
AL03AHZ  153   0 EP       0358 36.74 0.01                        1.0
AL03AHE  153   0 ES       0358 58.62 0.23                        1.0
AL03AHZ  153   0  IAML    0359 08.93           476  1.2
BURR EZ  153   0 EP       0358 36.83 0.10                        1.0
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LACI	HZ	159	352	EP		0358	37.95	0.30						0.9
LACI	HN	159	352	ES		0359	00.36	0.31						0.9
LACI	HZ	159	352		IAML	0359	08.97			265	0.8			
PHP	HZ	167	13	EP		0358	38.52	-0.47						0.9
PHP	HN	167	13	ES		0359	02.80	0.32						0.9
PHP	HZ	167	13		IAML	0359	16.10			336	0.9			
LKD2	HZ	169	160	EP		0358	39.39	0.11						0.9
LKD2	HE	169	160	ES		0359	02.99	-0.00						0.9
THL	HZ	187	112	EP		0358	42.23	0.17						0.9
THL	HN	187	112	ES		0359	08.13	0.09						0.9
PUK	HZ	203	358	EP		0358	43.96	-0.19						0.9
PUK	HE	203	358	ES		0359	11.84	0.04						0.9
PUK	HZ	203	358		IAML	0359	29.04			218	1.5			
KKS	HZ	209	9	EP		0358	44.97	0.12						0.9
KKS	HE	209	9	ES		0359	13.19	0.12						0.9
KKS	HZ	209	9		IAML	0359	23.42			307	1.7			
PRZK	HZ	230	16	EP		0358	47.97	0.33						0.9
PRZK	HE	230	16	ES		0359	18.11	-0.02						0.9
PRZK	HZ	230	16		IAML	0359	36.20			217	1.1			
VLS	HZ	232	167	EP		0358	48.09	0.19						0.9
VLS	HE	232	167	ES		0359	18.17	-0.44						0.9
AL01AHZ		239	351	EP		0358	48.19	-0.67						0.9
AL01AHZ		239	351		IAML	0359	35.68			163	1.0			
RZM	EN	239	351	ES		0359	20.31	-0.03						0.9
AL01AHE		239	351	ES		0359	19.66	-0.68						0.9
RZM	EZ	239	351	EP		0358	48.00	-0.86						0.9
BCI	HZ	239	1	EP		0358	48.94	0.25						0.9
BCI	HN	239	1	ES		0359	20.15	0.11						0.9
BCI	HZ	239	1		IAML	0359	31.80			268	0.4			
PDG	HZ	253	346	EP		0358	50.85	0.34						0.9
PDG	HN	253	346	ES		0359	23.32	0.00						0.9
PDG	HZ	253	346		IAML	0359	27.60			138	0.9			
THE	HZ	256	79	EP		0358	51.17	0.29						0.9
THE	HE	256	79	ES		0359	23.88	-0.10						0.9
NOCI	HZ	257	285	EP		0358	50.09	-0.92						0.9
NOCI	HN	257	285	ES		0359	24.18	-0.03						0.9
PVY	HZ	264	359	EP		0358	52.27	0.24						0.9
ME05AHZ		278	334	EP		0358	53.84	0.11						0.8
ME05AHZ		278	334		IAML	0359	43.73			138	0.4			
GMRK	HZ	289	20	EP		0358	55.37	0.07						0.8
ME01AHZ		292	358	EP		0358	55.76	0.20						0.8
ME01AHN		292	358	ES		0359	32.72	0.25						0.8
PLG	HZ	294	86	EP		0358	55.71	-0.05						0.8
NKME	HZ	296	343	EP		0358	54.66	-1.44						0.8
NKME	HN	296	343	ES		0359	33.32	-0.12						0.8
NKME	HZ	296	343		IAML	0400	01.01			102	1.8			
BOSS	SZ	326	38	EP		0358	59.48	-0.51						0.8
BARS	BZ	326	27	EP		0358	59.62	-0.26						0.8

November 11 2024 Hour: 6: 1 53.7 Lat: 40.21N Lon: 20.00E D: 3.7 Ag: TIR Local
Magnitudes: 3.5ML TIR 3.7MW TIR Rms: 0.3 secs
9 km S of Tepelene

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TPE	HZ	9	7	EP	C	0601	54.64	-0.86							1.0
TPE	HE	9	7	ES		0601	56.45	-0.53							1.0
TPE	HZ	9	7		IAML	0601	59.34			11981	0.2				
HIMA	HZ	25	237	EP	C	0601	57.95	-0.20							1.0
AL06AHZ		25	237	EP	D	0601	58.07	-0.08							1.0
HIMA	HE	25	237	ES		0602	02.01	0.24							1.0
AL06AHE		25	237	ES		0602	01.80	0.02							1.0
AL06AHZ		25	237		IAML	0602	09.34			3866	2.3				
PLSA	EZ	33	261	EP	D	0601	58.91	-0.63							1.0
PLSA	EN	33	261	ES		0602	04.62	0.32							1.0
SRN	HZ	37	180	EP	C	0602	00.39	0.15							1.0

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SRN  HN   37 180 ES       0602 05.77 0.21                          1.0
SRN  HZ   37 180  IAML    0602 13.05          2667  0.8
VLO2 EZ   45 309 EP     C 0602 01.14-0.67                          1.0
VLO2 EZ   45 309 ES       0602 09.29 0.88                          1.0
VLO2 EZ   45 309  IAML    0602 16.50          2038  0.7
LSK  HZ   51  97 EP     C 0602 02.71-0.14                          1.0
LSK  HE   51  97 ES       0602 10.78 0.50                          1.0
LSK  HZ   51  97  IAML    0602 18.55          1230  0.6
VLO  HZ   52 304 EP       0602 02.95 0.01                          1.0
VLO  HN   52 304 ES       0602 10.73 0.28                          1.0
VLO  HZ   52 304  IAML    0602 15.77          1966  1.2
BERA HZ   56 355 EP     C 0602 03.31-0.30                          1.0
BERA HE   56 355 ES       0602 11.98 0.31                          1.0
BERA HZ   56 355  IAML    0602 12.50          1877
MOGL EZ   64  31 ES       0602 14.44-0.00                          1.0
AL05AHN   64  31 ES       0602 14.65 0.21                          1.0
MOGL EZ   64  31 EP       0602 04.46-0.68                          1.0
AL05AHZ   64  31 EP       0602 04.26-0.89                          1.0
AL05AHZ   64  31  IAML    0602 32.01           869  1.5
BPA2 HZ   66 331 EP       0602 05.23-0.30                          1.0
BPA2 HN   66 331 ES       0602 15.30 0.16                          1.0
KBN  HZ   81  55 EP       0602 07.65-0.49                          1.0
KBN  HE   81  55 ES       0602 20.13 0.27                          1.0
BELS EZ   85 355 EP       0602 08.69-0.15                          1.0
BELS EN   85 355 ES       0602 21.43 0.31                          1.0
NEST HZ   92  75 EP       0602 10.26 0.18                          1.0
NEST HN   92  75 ES       0602 23.33-0.05                          1.0
AL07AHZ   96  37 EP       0602 10.95 0.19                          1.0
AL07AHE   96  37 ES       0602 24.72 0.10                          1.0
AL07AHZ   96  37  IAML    0602 40.83          1097  0.7
AL04AHZ   96 337 EP       0602 11.01 0.18                          1.0
AL04AHE   96 337 ES       0602 24.96 0.22                          1.0
AL04AHZ   96 337  IAML    0602 31.27           613  0.6
PENT HZ   97  91 EP       0602 11.11 0.15                          1.0
PENT HE   97  91 ES       0602 25.37 0.41                          1.0
AL08AHZ  100   5 EP       0602 11.65 0.17                          1.0
AL08AHN  100   5 ES       0602 26.03 0.12                          1.0
AL08AHZ  100   5  IAML    0602 36.55           503  0.6
DRSH EZ  126 341 EP       0602 15.73-0.07                          1.0
DRSH EN  126 341 ES       0602 33.77 0.03                          1.0
DRSH EZ  126 341  IAML    0602 44.78           415  1.1
TIR  HZ  127 355 EP       0602 16.24 0.23                          1.0
TIR  HE  127 355 ES       0602 34.34 0.24                          1.0
FUST EZ  128  15 EP       0602 16.24-0.06                          1.0
FUST EZ  128  15 ES       0602 34.72 0.10                          1.0
SCTE HZ  132 264 EP       0602 16.58-0.22                          1.0
SCTE HN  132 264 ES       0602 35.68 0.13                          1.0
AL02AHZ  143 339 EP       0602 18.81 0.20                          1.0
AL02AHE  143 339 ES       0602 39.00 0.18                          1.0
AL02AHZ  143 339  IAML    0602 43.84           529  0.5
KZN  HZ  151  85 EP       0602 20.14 0.10                          1.0
KZN  HN  151  85 ES       0602 41.62 0.23                          1.0
AL03AHN  155   0 ES       0602 42.46-0.00                          1.0
AL03AHZ  155   0  IAML    0602 51.87           284  0.7
BURR EN  155   0 ES       0602 42.57 0.11                          1.0
AL03AHZ  155   0 EP       0602 20.80 0.17                          1.0
BURR EZ  155   0 EP       0602 20.75 0.13                          1.0
BURR EZ  155   0  IAML    0602 51.69           290  1.4
LACI HZ  160 351 EP       0602 21.69 0.13                          0.9
LACI HE  160 351 ES       0602 44.10-0.04                          0.9
LACI HZ  160 351  IAML    0602 50.37           269  0.5
PHP  HZ  168  13 EP       0602 23.11 0.25                          0.9
PHP  HN  168  13 ES       0602 46.74 0.22                          0.9
PHP  HZ  168  13  IAML    0603 01.36           185  1.2
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LKD2	HZ	168	160	EP		0602	22.87	0.07						0.9
LKD2	HN	168	160	ES		0602	46.47	0.09						0.9
THL	HZ	186	112	EP		0602	25.79	0.07						0.9
THL	HE	186	112	ES		0602	51.50	-0.18						0.9
PUK	HZ	204	357	EP		0602	27.64	-0.40						0.9
PUK	HN	204	357	ES		0602	55.89	-0.01						0.9
KKS	HZ	210	9	EP		0602	28.95	0.22						0.9
KKS	HN	210	9	ES		0602	57.22	0.08						0.9
KKS	HZ	210	9	IAML		0603	08.96			230	1.0			
PRZK	HN	231	16	ES		0603	02.22	0.04						0.9
VLS	HZ	231	167	EP		0602	31.62	0.11						0.9
PRZK	HZ	231	16	EP		0602	31.61	0.08						0.9
PRZK	HZ	231	16	IAML		0603	16.02			99	0.7			
BCI	HZ	240	1	EP		0602	32.69	0.10						0.9
BCI	HZ	240	1	IAML		0603	20.41			190	0.7			
RZM	EZ	240	351	ES		0603	04.30	-0.13						0.9
BCI	HN	240	1	ES		0603	03.90	-0.22						0.9
RZM	EZ	240	351	EP		0602	32.00	-0.77						0.9
AL01AHZ		240	351	EP		0602	31.80	-0.97						0.9
AL01AHZ		240	351	IAML		0603	11.72			114	1.4			
PDG	HZ	254	346	EP		0602	34.56	0.15						0.9
PDG	HN	254	346	ES		0603	07.39	-0.02						0.9
PDG	HZ	254	346	IAML		0603	14.04			87	0.9			
THE	HZ	256	78	EP		0602	34.71	0.11						0.9
THE	HN	256	78	ES		0603	07.51	-0.26						0.9
PVY	HZ	265	359	EP		0602	35.84	-0.09						0.9
PVY	HN	265	359	ES		0603	10.16	-0.00						0.9

November 11 2024 Hour: 6:41 45.4 Lat: 40.21N Lon: 19.98E D: 3.7 Ag: TIR Local
Magnitudes: 3.1ML TIR 3.6MW TIR Rms: 0.4 secs
10 km S of Tepelene

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TPE	HZ	10	19	EP	C	0641	46.10	-1.17							1.0
TPE	HN	10	19	ES		0641	47.89	-0.94							1.0
TPE	HZ	10	19	IAML		0641	48.69			10383	0.1				
AL06AHN		23	234	ES		0641	52.90	0.02							1.0
HIMA	HZ	23	234	EP		0641	49.52	0.01							1.0
HIMA	HE	23	234	ES		0641	53.27	0.40							1.0
AL06AHZ		23	234	EP	D	0641	49.39	-0.12							1.0
AL06AHZ		23	234	IAML		0641	59.35			1313	1.4				
PLSA	EZ	31	261	EP	D	0641	50.31	-0.53							1.0
PLSA	EN	31	261	ES		0641	55.70	0.41							1.0
SRN	HZ	37	177	EP	C	0641	51.94	0.01							1.0
SRN	HN	37	177	ES		0641	57.85	0.59							1.0
SRN	HZ	37	177	IAML		0642	04.41			907	0.9				
VLO2	EZ	44	311	EP	C	0641	52.62	-0.58							1.0
VLO2	EN	44	311	ES		0641	59.87	0.31							1.0
VLO2	EZ	44	311	IAML		0642	08.45			915	0.7				
VLO	HZ	50	305	EP		0641	54.00	-0.31							1.0
VLO	HN	50	305	ES		0642	01.98	0.41							1.0
VLO	HZ	50	305	IAML		0642	16.31			768	0.7				
LSK	HZ	53	97	EP	C	0641	54.23	-0.69							1.0
LSK	HE	53	97	ES		0642	03.15	0.49							1.0
LSK	HZ	53	97	IAML		0642	16.93			605	0.6				
BERA	HZ	55	357	EP	C	0641	54.25	-1.03							1.0
BERA	HN	55	357	ES		0642	03.62	0.31							1.0
BERA	HZ	55	357	IAML		0642	03.74			862	0.3				
MOGL	EZ	65	32	EP		0641	56.63	-0.41							1.0
MOGL	EZ	65	32	ES		0642	06.51	-0.00							1.0
AL05AHZ		65	32	EP		0641	55.96	-1.09							1.0
AL05AHE		65	32	ES		0642	06.80	0.29							1.0
AL05AHZ		65	32	IAML		0642	23.87			477	1.3				
BPA2	HZ	65	332	EP		0641	56.88	-0.16							1.0
KBN	HZ	83	56	EP		0642	00.12	-0.02							1.0

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KBN  HN   83  56 ES       0642 12.04-0.09                          1.0
BELS EZ   85 356 EP       0642 00.31-0.18                          1.0
BELS EN   85 356 ES       0642 12.75-0.01                          1.0
NEST HZ   94  76 EP       0642 02.20 0.06                          1.0
NEST HN   94  76 ES       0642 16.31 0.57                          1.0
NEST HZ   94  76  IAML    0642 30.17           269  0.1
AL04AHZ   95 338 EP       0642 02.60 0.21                          1.0
AL04AHN   95 338 ES       0642 16.65 0.47                          1.0
AL04AHZ   95 338  IAML    0642 29.91           271  1.0
AL07AHZ   97  38 EP       0642 03.23 0.54                          1.0
AL07AHN   97  38 ES       0642 17.04 0.31                          1.0
PENT HZ   99  91 EP       0642 02.96-0.06                          1.0
PENT HE   99  91 ES       0642 17.43 0.08                          1.0
AL08AHZ  100   6 EP       0642 03.35 0.14                          1.0
AL08AHE  100   6 ES       0642 18.21 0.54                          1.0
AL08AHZ  100   6  IAML    0642 25.88           253  0.8
DRSH EZ  125 342 EP       0642 07.76 0.38                          1.0
DRSH EN  125 342 ES       0642 25.41 0.18                          1.0
DRSH EZ  125 342  IAML    0642 36.56           236  0.5
TIR  HZ  127 356 EP       0642 07.95 0.29                          1.0
TIR  HN  127 356 ES       0642 26.31 0.58                          1.0
FUST EZ  129  16 EP       0642 08.56 0.48                          1.0
FUST EN  129  16 ES       0642 26.71 0.22                          1.0
SCTE HZ  130 264 EP       0642 08.24 0.11                          1.0
SCTE HN  130 264 ES       0642 26.34-0.23                          1.0
AL02AHZ  142 340 EP       0642 10.10-0.07                          1.0
AL02AHN  142 340 ES       0642 30.48 0.20                          1.0
AL02AHZ  142 340  IAML    0642 44.57           165  0.3
KZN  HZ  153  85 EP       0642 12.44 0.37                          1.0
KZN  HE  153  85 ES       0642 33.71-0.02                          1.0
AL03AHZ  155   1 EP       0642 12.66 0.35                          1.0
AL03AHN  155   1 ES       0642 34.68 0.52                          1.0
AL03AHZ  155   1  IAML    0642 46.45           126  1.0
BURR EZ  155   1 EP       0642 12.66 0.35                          1.0
BURR EZ  155   1 ES       0642 34.40 0.24                          1.0
BURR EZ  155   1  IAML    0642 43.19            82  0.6
LACI HZ  160 352 EP       0642 13.09-0.10                          0.9
LACI HE  160 352 ES       0642 35.84 0.10                          0.9
LACI HZ  160 352  IAML    0642 41.57           133  0.9
PHP  HZ  168  13 EP       0642 14.69 0.05                          0.9
PHP  HZ  168  13  IAML    0642 45.25            84  0.2
LKD2 HZ  168 159 EP       0642 14.33-0.26                          0.9
LKD2 HN  168 159 ES       0642 38.28 0.00                          0.9
PHP  HN  168  13 ES       0642 38.46 0.10                          0.9
THL  HZ  188 112 EP       0642 18.12 0.47                          0.9
THL  HE  188 112 ES       0642 43.72-0.10                          0.9
PUK  HZ  204 358 EP       0642 19.20-0.52                          0.9
PUK  HE  204 358 ES       0642 47.44-0.11                          0.9
PUK  HZ  204 358  IAML    0642 55.57            65  1.7
KKS  HZ  210  10 EP       0642 20.54 0.08                          0.9
KKS  HN  210  10 ES       0642 48.84-0.06                          0.9
KKS  HZ  210  10  IAML    0643 00.26            98  0.4
PRZK HE  232  16 ES       0642 54.15 0.15                          0.9
PRZK HZ  232  16  IAML    0643 04.96            60  0.8
VLS  HZ  232 167 EP       0642 23.32 0.08                          0.9
PRZK HZ  232  16 EP       0642 23.31 0.03                          0.9
BCI  HZ  240   2 EP       0642 24.07-0.21                          0.9
BCI  HZ  240   2  IAML    0643 06.30            84  0.8
AL01AHZ  240 352 EP       0642 23.30-1.11                          0.9
AL01AHE  240 352 ES       0642 55.29-0.75                          0.9
AL01AHZ  240 352  IAML    0643 19.73            63  2.3
BCI  HN  240   2 ES       0642 55.72-0.10                          0.9
PDG  HZ  254 347 EP       0642 26.01-0.02                          0.9
PDG  HN  254 347 ES       0642 58.75-0.23                          0.9
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PDG	HZ	254	347	IAML	0643	04.18		39	0.8					
NOCI	HZ	255	286	EP	0642	26.25	-0.01							0.9
NOCI	HE	255	286	ES	0642	59.38	0.00							0.9
PVY	HZ	265	360	EP	0642	27.52	-0.10							0.9
PVY	HE	265	360	ES	0643	01.65	-0.20							0.9
PLG	HZ	295	85	EP	0642	31.34	-0.08							0.8
PLG	HN	295	85	ES	0643	08.54	-0.21							0.8
NKME	HZ	297	344	EP	0642	31.77	0.17							0.8
NKME	HN	297	344	ES	0643	08.73	-0.34							0.8
NKME	HZ	297	344	IAML	0643	22.95		31	0.9					

November 11 2024 Hour: 6:48 25.0 Lat: 40.21N Lon: 19.98E D: 2.3 Ag: TIR Local
Magnitudes: 3.0ML TIR 3.4MW TIR Rms: 0.4 secs
10 km S of Tepelene

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TPE	HZ	10	16	EP		0648	25.83	-1.00							1.0
TPE	HN	10	16	ES		0648	27.40	-0.92							1.0
TPE	HZ	10	16	IAML		0648	28.14			3310	0.1				
AL06A	HZ	23	236	EP		0648	29.00	-0.14							1.0
HIMA	HZ	23	236	EP		0648	29.05	-0.09							1.0
HIMA	HN	23	236	ES		0648	32.74	0.22							1.0
AL06A	HN	23	236	ES		0648	32.99	0.47							1.0
AL06A	HZ	23	236	IAML		0648	39.49			1004	0.8				
PLSA	EZ	31	262	EP		0648	29.96	-0.55							1.0
PLSA	EZ	31	262	ES		0648	35.32	0.32							1.0
SRN	HZ	36	178	EP		0648	31.57	0.10							1.0
SRN	HN	36	178	ES		0648	37.00	0.27							1.0
VLO2	EZ	44	311	EP		0648	32.42	-0.48							1.0
VLO2	EZ	44	311	ES		0648	39.57	0.24							1.0
VLO	HZ	51	305	EP		0648	33.83	-0.18							1.0
VLO	HN	51	305	ES		0648	41.66	0.32							1.0
LSK	HZ	53	97	EP		0648	34.60	0.20							1.0
LSK	HN	53	97	ES		0648	42.47	0.41							1.0
LSK	HZ	53	97	IAML		0648	49.65			360	0.3				
BERA	HZ	56	357	EP		0648	33.94	-0.99							1.0
BERA	HZ	56	357	IAML		0648	43.33			497	0.8				
BERA	HN	56	357	ES		0648	43.34	0.35							1.0
MOGL	EZ	65	32	EP		0648	35.78	-0.84							1.0
MOGL	EN	65	32	ES		0648	46.43	0.36							1.0
AL05A	HZ	65	32	EP		0648	35.65	-0.98							1.0
AL05A	HN	65	32	ES		0648	46.48	0.41							1.0
AL05A	HZ	65	32	IAML		0649	01.75			250	0.7				
BPA2	HZ	66	332	EP		0648	37.00	0.28							1.0
BPA2	HN	66	332	ES		0648	46.63	0.39							1.0
KBN	HZ	82	56	EP		0648	39.03	-0.67							1.0
KBN	HN	82	56	ES		0648	51.65	0.02							1.0
BELS	EZ	85	356	EP		0648	40.05	-0.10							1.0
BELS	EN	85	356	ES		0648	52.43	-0.02							1.0
NEST	HZ	94	75	EP		0648	41.90	0.24							1.0
NEST	HN	94	75	ES		0648	55.57	0.38							1.0
AL04A	HZ	96	338	EP		0648	42.25	0.19							1.0
AL04A	HE	96	338	ES		0648	56.21	0.30							1.0
AL04A	HZ	96	338	IAML		0649	10.36			193	0.2				
PENT	HZ	98	90	EP		0648	42.62	0.08							1.0
PENT	HE	98	90	ES		0648	57.16	0.39							1.0
AL08A	HZ	100	6	EP		0648	42.72	-0.14							1.0
AL08A	HN	100	6	ES		0648	57.82	0.46							1.0
AL08A	HZ	100	6	IAML		0649	06.77			150					
DRSH	EZ	125	342	EP		0648	47.45	0.30							1.0
DRSH	EZ	125	342	ES		0649	05.18	0.06							1.0
DRSH	EZ	125	342	IAML		0649	15.49			153	0.4				
TIR	HZ	127	356	EP		0648	47.85	0.44							1.0
TIR	HN	127	356	ES		0649	05.98	0.38							1.0
TIR	HZ	127	356	IAML		0649	13.40			73	0.7				

FUST	EZ	129	16	EP		0648	48.08	0.28					1.0
FUST	EZ	129	16	ES		0649	06.42	0.13					1.0
SCTE	HZ	130	264	EP		0648	47.43	-0.48					1.0
AL02A	HZ	142	340	EP		0648	50.02	0.08					1.0
AL02A	HE	142	340	ES		0649	10.38	0.20					1.0
AL02A	HZ	142	340		IAML	0649	21.97			135	0.2		
KZN	HZ	152	85	EP		0648	51.98	0.28					1.0
KZN	HN	152	85	ES		0649	13.42	0.07					1.0
BURR	EZ	155	1	EP		0648	52.37	0.32					1.0
AL03A	HZ	155	1	EP		0648	52.20	0.14					1.0
AL03A	HN	155	1	ES		0649	14.20	0.19					1.0
AL03A	HZ	155	1		IAML	0649	25.88			97	0.9		
LACI	HZ	160	352	EP		0648	53.23	0.28					0.9
LACI	HN	160	352	ES		0649	15.69	0.08					0.9
LACI	HZ	160	352		IAML	0649	23.22			62	2.1		
LKD2	HZ	168	160	EP		0648	54.14	-0.08					0.9
LKD2	HN	168	160	ES		0649	17.84	-0.09					0.9
PHP	HZ	169	13	EP		0648	54.60	0.24					0.9
PHP	HN	169	13	ES		0649	18.34	0.17					0.9
PHP	HZ	169	13		IAML	0649	28.03			80	0.8		
THL	HZ	188	112	EP		0648	57.36	-0.00					0.9
THL	HN	188	112	ES		0649	23.52	-0.08					0.9
PUK	HZ	204	358	EP		0648	58.56	-0.98					0.9
PUK	HE	204	358	ES		0649	27.39	-0.16					0.9
KKS	HZ	210	9	EP		0649	00.41	0.15					0.9
KKS	HN	210	9	ES		0649	28.83	-0.04					0.9
KKS	HZ	210	9		IAML	0649	39.56			54	0.5		
PRZK	HZ	232	16	EP		0649	02.83	-0.25					0.9
PRZK	HN	232	16	ES		0649	33.99	0.04					0.9
PRZK	HZ	232	16		IAML	0649	44.28			37	0.3		
AL01A	HN	240	351	ES		0649	36.02	-0.02					0.9
BCI	HZ	240	2	EP		0649	04.02	-0.08					0.9
BCI	HN	240	2	ES		0649	35.66	-0.14					0.9
BCI	HZ	240	2		IAML	0649	51.30			53	1.6		
AL01A	HZ	240	351	EP		0649	03.16	-1.07					0.9
AL01A	HZ	240	351		IAML	0649	45.25			29	1.0		

November 11 2024 Hour: 9:48 27.0 Lat: 40.22N Lon: 19.95E D: 5.0F Ag: TIR Local Magnitudes: 2.6ML TIR 3.1MW TIR Rms: 0.6 secs

10 km SW of Tepelene

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TPE	HZ	10	31	EP		0948	27.30	-1.73							1.0
TPE	HN	10	31	ES		0948	28.99	-1.70							1.0
TPE	HZ	10	31		IAML	0948	29.44			1874	0.2				
HIMA	HZ	22	230	EP		0948	30.83	-0.16							1.0
AL06A	HZ	22	230	EP		0948	30.75	-0.24							1.0
AL06A	HE	22	230	ES		0948	34.40	0.16							1.0
AL06A	HZ	22	230		IAML	0948	40.90			523	1.0				
HIMA	HE	22	230	ES		0948	34.06	-0.17							1.0
PLSA	EZ	29	259	EP		0948	31.99	-0.19							1.0
PLSA	EZ	29	259	ES		0948	36.22	-0.19							1.0
PRMT	EZ	34	87	EP		0948	32.24	-0.86							1.0
PRMT	EN	34	87	ES		0948	38.13	0.08							1.0
PRMT	EZ	34	87		IAML	0948	45.04			275	1.4				
SRN	HZ	38	174	EP		0948	33.82	0.08							1.0
SRN	HN	38	174	ES		0948	39.33	0.12							1.0
SRN	HZ	38	174		IAML	0948	48.16			276	2.1				
VLO2	EZ	42	312	EP		0948	33.82	-0.69							1.0
VLO2	EZ	42	312	ES		0948	40.84	0.22							1.0
VLO2	EZ	42	312		IAML	0948	45.77			423	0.7				
BERA	HZ	55	359	EP		0948	36.02	-0.77							1.0
BERA	HN	55	359	ES		0948	45.00	0.27							1.0
BERA	HZ	55	359		IAML	0948	45.95			192	0.5				
LSK	HZ	55	97	EP		0948	36.33	-0.59							1.0

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LSK  HN   55  97 ES       0948 45.52 0.54                          1.0
LSK  HZ   55  97  IAML    0948 50.32           172  0.5
MOGL EZ   66  34 EP       0948 37.71-1.06                          1.0
MOGL EN   66  34 ES       0948 48.39 0.07                          1.0
AL05AHZ   66  34 EP       0948 37.40-1.37                          1.0
AL05AHN   66  34 ES       0948 48.74 0.41                          1.0
AL05AHZ   66  34  IAML    0949 00.67           112  0.8
BELS EZ   84 358 EP       0948 41.90-0.09                          1.0
BELS EZ   84 358 ES       0948 54.13-0.02                          1.0
NEST HZ   96  76 EP       0948 44.15 0.08                          1.0
NEST HN   96  76 ES       0948 58.02 0.10                          1.0
AL08AHZ  100   7 EP       0948 44.75 0.08                          1.0
AL08AHN  100   7 ES       0948 59.04 0.04                          1.0
AL08AHZ  100   7  IAML    0949 07.07           113  0.9
PENT HZ  101  91 EP       0948 45.14 0.19                          1.0
PENT HE  101  91 ES       0948 59.89 0.39                          1.0
TIR  HZ  126 357 EP       0948 49.47 0.40                          1.0
SCTE HZ  128 263 EP       0948 49.87 0.51                          1.0
SCTE HN  128 263 ES       0949 07.81 0.32                          1.0
FUST EZ  129  17 EP       0948 49.95 0.35                          1.0
FUST EN  129  17 ES       0949 08.48 0.56                          1.0
AL03AHZ  154   2 EP       0948 54.14 0.39                          1.0
AL03AHZ  154   2  IAML    0949 27.14            53  1.3
BURR EZ  154   2 EP       0948 54.15 0.40                          1.0
AL03AHN  154   2 ES       0949 15.97 0.54                          1.0
KZN  HZ  155  86 EP       0948 54.35 0.41                          1.0
KZN  HN  155  86 ES       0949 16.51 0.74                          1.0
LACI HZ  159 353 EP       0948 54.97 0.39                          0.9
LACI HN  159 353 ES       0949 17.44 0.51                          0.9
LACI HZ  159 353  IAML    0949 27.49            28  1.0
PHP  HZ  168  14 EP       0948 56.43 0.29                          0.9
PHP  HN  168  14 ES       0949 20.32 0.55                          0.9
PHP  HZ  168  14  IAML    0949 28.66            40  0.5
LKD2 HZ  170 159 EP       0948 56.74 0.37                          0.9
PUK  HZ  203 359 EP       0949 01.74 0.65                          0.9
KKS  HZ  210  10 EP       0949 02.21 0.33                          0.9
KKS  HZ  210  10  IAML    0949 36.32            30  1.0
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November 13 2024 Hour: 19:47 32.3 Lat: 39.68N Lon: 20.33E D: 13.7 Ag: TIR Local
Magnitudes: 2.9ML TIR 3.4MW TIR Rms: 0.4 secs
13 km E of Konispol

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STAT CO DIST AZI PHASE  P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO  WT
SRN  HZ   36 308 EP     C 1947 38.78-0.32                          1.0
SRN  HN   36 308 ES       1947 44.36-0.21                          1.0
SRN  HZ   36 308  IAML    1947 45.13           605  0.6
JAN  HN   45  93 ES       1947 47.35 0.14                          1.0
KEK  HZ   46 275 EP     D 1947 40.73-0.01                          1.0
KEK  HE   46 275 ES       1947 47.78 0.23                          1.0
KEK  HZ   46 275  IAML    1947 51.57          1235  0.6
LSK  HZ   57  24 EP     C 1947 41.89-0.71                          1.0
LSK  HE   57  24 ES       1947 51.06 0.14                          1.0
LSK  HZ   57  24  IAML    1947 59.61           650  0.7
AL06AHZ   67 313 EP       1947 43.95-0.25                          1.0
AL06AHE   67 313 ES       1947 53.72-0.09                          1.0
AL06AHZ   67 313  IAML    1947 57.62           352  0.5
HIMA HZ   67 313 EP       1947 44.17-0.03                          1.0
HIMA HE   67 313 ES       1947 53.87 0.06                          1.0
TPE  HZ   73 338 EP       1947 45.04-0.25                          1.0
TPE  HE   73 338 ES       1947 55.59-0.19                          1.0
TPE  HZ   73 338  IAML    1948 01.38           500  0.5
PLSA EZ   81 312 EP       1947 46.48-0.10                          1.0
PLSA EZ   81 312  IAML    1948 06.61           168  0.3
PENT HZ   90  50 EP       1947 47.62-0.43                          1.0
PENT HN   90  50 ES       1948 00.91 0.13                          1.0
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NEST	HZ	102	37	EP	D	1947	49.99	-0.12							1.0
NEST	HZ	102	37	IAML		1948	10.49			148	0.6				
LKD2	HZ	103	164	EP		1947	50.29	0.05							1.0
VLO2	EZ	108	324	EP		1947	51.70	0.64							1.0
VLO2	EZ	108	324	IAML		1948	13.22			168	0.5				
KBN	HZ	112	20	EP		1947	51.59	-0.12							1.0
KBN	HZ	112	20	IAML		1948	17.71			103	0.5				
VLO	HZ	113	321	IAML		1948	14.58			302	0.5				
MOGL	EZ	114	3	EP		1947	51.35	-0.71							1.0
AL05AHZ		114	3	EP		1947	51.35	-0.71							1.0
MOGL	EZ	114	3	IAML		1948	21.75			57	0.5				
AL05AHZ		114	3	IAML		1948	17.00			100	0.5				
BERA	HZ	119	344	EP		1947	52.71	-0.14							1.0
BERA	HN	119	344	ES		1948	09.79	0.32							1.0
BERA	HZ	119	344	IAML		1948	11.23			132	0.7				
BPA2	HZ	131	333	EP		1947	55.80	0.85							1.0
AL07AHZ		139	12	EP		1947	57.06	0.87							1.0
KZN	HZ	141	60	EP		1947	56.60	-0.04							1.0
THL	HZ	145	95	EP		1947	57.53	0.30							1.0
THL	HE	145	95	ES		1948	17.42	0.02							1.0
BELS	EZ	148	346	EP		1947	58.05	0.38							1.0
BELS	EZ	148	346	IAML		1948	20.20			78	0.5				
AL08AHZ		159	353	EP		1947	59.70	0.10							0.9
AL04AHZ		161	336	EP		1948	01.08	1.21							0.9
SCTE	HZ	165	286	EP		1948	00.42	-0.07							0.9
VLS	HZ	168	172	EP		1948	00.59	-0.34							0.9
FUST	EZ	183	2	EP		1948	03.44	0.59							0.9
FUST	EZ	183	2	IAML		1948	32.87			14	0.8				
TIR	HZ	189	348	EP		1948	03.92	0.34							0.9
TIR	HZ	189	348	IAML		1948	40.70			32	0.6				
DRSH	EZ	191	339	IAML		1949	02.55			46	1.3				
PHP	HZ	223	2	EP		1948	08.04	0.12							0.9
LACI	HZ	223	347	EP		1948	07.70	-0.22							0.9
LACI	HZ	223	347	IAML		1948	48.64			31	1.6				
PHP	HZ	223	2	IAML		1948	48.12			38	0.9				
THE	HZ	248	64	EP		1948	11.13	0.05							0.9
PUK	HZ	265	352	EP		1948	12.88	-0.47							0.9
PUK	HZ	265	352	IAML		1949	00.49			24	0.6				
KKS	HZ	266	1	EP		1948	13.36	-0.04							0.9
KKS	HZ	266	1	IAML		1948	58.31			29	0.7				
SDA	HZ	272	345	EP		1948	13.78	-0.41							0.9
PLG	HZ	277	73	EP		1948	15.14	0.32							0.8
RZM	EZ	303	348	EP		1948	17.68	-0.63							0.8
RZM	EZ	303	348	IAML		1949	05.16			9	0.4				
AL01AHZ		303	348	EP		1948	17.80	-0.51							0.8
AL01AHZ		303	348	IAML		1949	05.16			16	0.4				
ITM	HZ	311	153	EP		1948	19.30	0.13							0.8

November 15 2024 Hour: 9:52 23.4 Lat: 40.45N Lon: 20.07E D: 8.0 Ag: TIR Local Magnitudes: 2.8ML TIR 3.3MW TIR Rms: 0.3 secs
13 km NE of Memaliaj

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TPE	HZ	18	196	EP	C	0952	26.89	-0.05							1.0
TPE	HN	18	196	ES		0952	30.34	0.56							1.0
TPE	HZ	18	196	IAML		0952	32.44			1266	0.4				
BERA	HZ	31	340	EP	D	0952	28.61	-0.48							1.0
BERA	HN	31	340	ES		0952	33.68	-0.00							1.0
BERA	HZ	31	340	IAML		0952	34.08			1568	0.1				
PRMT	EZ	34	136	EP	C	0952	29.28	-0.42							1.0
PRMT	EN	34	136	ES		0952	34.88	0.09							1.0
PRMT	EZ	34	136	IAML		0952	36.40			321	0.3				
MOGL	EZ	39	44	EP	D	0952	30.62	0.03							1.0
MOGL	EN	39	44	ES		0952	36.85	0.46							1.0
MOGL	EZ	39	44	IAML		0952	41.89			149	0.3				

VLO2	EZ	41	273	EP		0952	31.02	0.11						1.0
VLO2	EZ	41	273	IAML		0952	38.45			674	0.2			
AL06A	HZ	48	214	EP		0952	31.99	-0.16						1.0
AL06A	HE	48	214	ES		0952	39.72	0.51						1.0
AL06A	HZ	48	214	IAML		0952	42.48			477	0.2			
VLO	HZ	49	273	EP		0952	32.96	0.67						1.0
VLO	HZ	49	273	IAML		0952	43.12			673	0.4			
PLSA	EZ	49	231	EP	C	0952	31.89	-0.49						1.0
PLSA	EZ	49	231	IAML		0952	46.88			212	0.5			
BPA2	HZ	49	309	EP		0952	32.44	0.08						1.0
LSK	HZ	56	126	EP		0952	33.07	-0.45						1.0
LSK	HN	56	126	ES		0952	41.55	-0.15						1.0
LSK	HZ	56	126	IAML		0952	46.79			248	0.4			
BELS	EZ	59	347	EP		0952	33.47	-0.66						1.0
BELS	EZ	59	347	IAML		0952	43.71			222	0.1			
SRN	HZ	64	186	EP		0952	34.57	-0.30						1.0
SRN	HN	64	186	ES		0952	43.76	-0.37						1.0
SRN	HZ	64	186	IAML		0952	46.05			189	0.2			
KBN	HZ	64	72	EP		0952	34.94	0.05						1.0
KBN	HN	64	72	ES		0952	44.26	0.07						1.0
KBN	HZ	64	72	IAML		0952	45.77			135				
AL07A	HZ	72	46	EP		0952	36.61	0.30						1.0
AL08A	HZ	73	2	EP		0952	36.45	-0.03						1.0
AL08A	HN	73	2	ES		0952	47.05	0.01						1.0
AL08A	HZ	73	2	IAML		0952	50.91			196	0.1			
AL04A	HZ	75	325	EP		0952	37.27	0.37						1.0
AL04A	HZ	75	325	IAML		0952	55.60			248				
NEST	HZ	83	92	EP		0952	38.30	0.08						1.0
NEST	HN	83	92	ES		0952	50.40	0.19						1.0
NEST	HZ	83	92	IAML		0952	52.53			109	0.6			
KEK	HZ	85	196	EP		0952	38.56	0.04						1.0
KEK	HZ	85	196	IAML		0952	54.28			225	0.5			
PENT	HZ	95	107	EP		0952	40.38	0.16						1.0
TIR	HZ	101	350	EP		0952	41.22	0.01						1.0
TIR	HZ	101	350	IAML		0953	01.37			73	0.3			
FUST	EZ	101	16	EP		0952	41.49	0.26						1.0
DRSH	EZ	103	333	EP		0952	41.87	0.31						1.0
DRSH	EZ	103	333	IAML		0953	08.76			85	0.5			
BURR	EZ	128	357	EP		0952	45.13	-0.55						1.0
AL03A	HZ	128	357	EP		0952	45.53	-0.16						1.0
AL03A	HZ	128	357	IAML		0953	07.04			116	1.3			
LACI	HZ	135	347	EP		0952	46.68	-0.18						1.0
LACI	HN	135	347	ES		0953	05.55	-0.27						1.0
LACI	HZ	135	347	IAML		0953	07.71			69	0.7			
PHP	HZ	141	13	EP		0952	48.07	0.27						1.0
PHP	HZ	141	13	IAML		0953	13.89			81	0.8			
PUK	HZ	178	355	EP		0952	53.62	-0.29						0.9
PUK	HZ	178	355	IAML		0953	25.89			40	0.8			
KKS	HZ	182	9	EP		0952	54.57	0.11						0.9
KKS	HZ	182	9	IAML		0953	31.93			81	0.4			
BCI	HZ	213	360	EP		0952	58.64	0.25						0.9

November 16 2024 Hour: 9: 3 22.2 Lat: 38.99N Lon: 20.78E D: 17.9 Ag: TIR Local Magnitudes: 3.3ML TIR 3.8MW 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	25	206	EP	C	0903	27.79	0.28							1.0
LKD2	HN	25	206	ES		0903	31.85	0.03							1.0
JAN	HE	75	5	ES		0903	46.22	0.06							1.0
VLS	HZ	92	191	EP		0903	37.51	-0.71							1.0
VLS	HN	92	191	ES		0903	51.61	0.41							1.0
KEK	HZ	117	314	EP		0903	42.62	0.19							1.0
KEK	HE	117	314	ES		0903	59.21	0.38							1.0
KEK	HZ	117	314	IAML		0904	01.66			538	0.5				

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SRN  HZ  120 326 EP       0903 41.87-1.02                          1.0
SRN  HZ  120 326  IAML    0904 06.81           178  0.3
LSK  HZ  130 353 EP       0903 44.75 0.10                          1.0
LSK  HE  130 353 ES       0904 03.06 0.21                          1.0
LSK  HZ  130 353  IAML    0904 08.64           602  0.8
PENT HZ  138  13 EP       0903 45.20-0.66                          1.0
PRMT EZ  143 345 EP       0903 46.49-0.10                          1.0
PRMT EN  143 345 ES       0904 06.72 0.37                          1.0
PRMT EZ  143 345  IAML    0904 08.03           284  0.7
AL06AHN  151 325 ES       0904 08.82 0.20                          1.0
HIMA HZ  151 325 EP       0903 47.86 0.03                          1.0
AL06AHZ  151 325  IAML    0904 13.26           285  0.4
HIMA HE  151 325 ES       0904 08.99 0.39                          1.0
AL06AHZ  151 325 EP       0903 48.04 0.21                          1.0
TPE  HZ  159 336 EP       0903 49.37 0.23                          0.9
TPE  HN  159 336 ES       0904 11.17 0.20                          0.9
TPE  HZ  159 336  IAML    0904 20.85           293  0.5
NEST HZ  160   8 EP       0903 49.37 0.03                          0.9
NEST HZ  160   8  IAML    0904 15.44           228  0.5
PLSA EZ  164 323 EP       0903 50.59 0.80                          0.9
PLSA EN  164 323 ES       0904 12.13-0.03                          0.9
PLSA EZ  164 323  IAML    0904 16.33           121  0.5
KZN  HZ  169  30 EP       0903 50.18-0.32                          0.9
KBN  HZ  182   0 EP       0903 52.38 0.32                          0.9
KBN  HZ  182   0  IAML    0904 35.02           131  0.9
AL05AHZ  194 350  IAML    0904 29.33           102  1.1
VLO2 EZ  194 328 EP       0903 54.49 0.97                          0.9
MOGL EZ  194 350 EP       0903 54.43 0.87                          0.9
MOGL EZ  194 350  IAML    0904 29.33            59  1.1
BERA HZ  204 340 EP       0903 55.36 0.49                          0.9
BERA HZ  204 340  IAML    0904 25.83           170  0.5
ITM  HZ  224 153 EP       0903 58.47 0.97                          0.9
BELS EZ  232 342 EP       0903 58.99 0.49                          0.9
BELS EZ  232 342  IAML    0904 40.54            50  1.0
SCTE HZ  233 302 EP       0903 57.45-1.06                          0.9
AL08AHZ  242 346 EP       0904 00.52 0.77                          0.9
AL08AHZ  242 346  IAML    0904 53.15            58  0.8
THE  HZ  261  45 EP       0904 02.48 0.29                          0.9
FUST EZ  262 353 EP       0904 02.86 0.49                          0.9
PLG  HZ  275  55 EP       0904 04.17 0.12                          0.8
PHP  HZ  301 355 EP       0904 07.37 0.03                          0.8
PHP  HZ  301 355  IAML    0904 55.65            42  0.9
PUK  HZ  348 348 EP       0904 12.73-0.61                          0.8
PUK  HZ  348 348  IAML    0905 14.28            19  0.7
SDA  HZ  357 343 EP       0904 13.99-0.46                          0.8
NVR  HZ  371  44 EP       0904 16.66 0.33                          0.8
BCI  HZ  380 351 EP       0904 17.50 0.03                          0.8
BCI  HZ  380 351  IAML    0905 07.88            39  0.8
RZM  EZ  387 345 EP       0904 17.05-1.42                          0.8
RZM  EZ  387 345  IAML    0905 07.88            13  1.1
AL01AHZ  387 345 EP       0904 16.91-1.57                          0.8
PVY  HZ  407 350 EP       0904 22.27 1.31                          0.7
BOSS SZ  415  19 EP       0904 21.07-0.89                          0.7
NKME HZ  447 340 EP       0904 23.02-3.07                          0.7
MRVN HZ  454 302 EP       0904 24.95-2.01                          0.7
ME02AHZ  483 344 EP       0904 29.42-1.43                          0.7
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November 17 2024 Hour: 10:33 33.4 Lat: 40.85N Lon: 20.83E D: 5.0F Ag: TIR Local
Magnitudes: 3.3ML TIR 3.7MW TIR Rms: 0.7 secs
9 km NW of Pustec

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STAT CO DIST AZI PHASE  P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO  WT
AL07AHZ   14 295 EP     C 1033 35.66-0.46                          1.0
AL07AHN   14 295 ES       1033 38.24-0.06                          1.0
KBN  HZ   25 188 EP     C 1033 38.17 0.16                          1.0
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KBN  HN   25 188 ES       1033 42.29 0.57                          1.0
KBN  HZ   25 188  IAML     1033 43.31           1933  0.6
MOGL EZ   40 247 EP     C 1033 39.70-0.96                          1.0
MOGL EZ   40 247  IAML     1033 49.38           1535  1.1
AL05AHZ   40 247 EP     C 1033 39.90-0.76                          1.0
AL05AHN   40 247 ES       1033 45.31-1.20                          1.0
AL05AHZ   40 247  IAML     1033 47.37           2212  0.2
MOGL EN   40 247 ES       1033 46.00-0.51                          1.0
NEST HZ   52 159 EP     C 1033 43.00 0.32                          1.0
NEST HN   52 159 ES       1033 50.13-0.04                          1.0
NEST HZ   52 159  IAML     1033 54.94            788  0.6
FUST EZ   64 326 EP     D 1033 45.16 0.19                          1.0
FUST EZ   64 326 ES       1033 54.88 0.57                          1.0
AL08AHZ   68 295 EP     C 1033 44.62-0.90                          1.0
AL08AHN   68 295 ES       1033 54.98-0.33                          1.0
AL08AHZ   68 295  IAML     1034 03.70           1085  0.5
BERA HZ   76 259 EP       1033 45.15-1.91                          1.0
BERA HN   76 259 ES       1033 57.71-0.38                          1.0
BERA HZ   76 259  IAML     1034 03.88            492  0.9
PENT HZ   77 160 EP     C 1033 46.96-0.24                          1.0
PENT HN   77 160 ES       1033 58.55 0.19                          1.0
BELS EZ   78 280 EP     C 1033 45.95-1.50                          1.0
BELS EN   78 280 ES       1033 58.37-0.45                          1.0
PRMT EZ   80 211 EP       1033 47.35-0.33                          1.0
PRMT EN   80 211 ES       1033 59.00-0.23                          1.0
LSK  HZ   80 194 EP       1033 47.24-0.47                          1.0
LSK  HN   80 194 ES       1033 59.03-0.26                          1.0
LSK  HZ   80 194  IAML     1034 09.69            544  0.8
TPE  HZ   92 229 EP       1033 48.36-1.54                          1.0
TPE  HE   92 229 ES       1034 02.84-0.40                          1.0
TPE  HZ   92 229  IAML     1034 09.91            340  0.5
TIR  HZ   98 305 EP       1033 51.40 0.50                          1.0
TIR  HE   98 305 ES       1034 04.95-0.11                          1.0
PHP  HZ   99 341 EP       1033 50.21-0.78                          1.0
PHP  HN   99 341 ES       1034 04.72-0.50                          1.0
PHP  HZ   99 341  IAML     1034 08.93            455  1.0
KZN  HZ  100 127 EP     C 1033 51.45 0.25                          1.0
KZN  HN  100 127 ES       1034 05.28-0.33                          1.0
BPA2 HZ  103 263 EP       1033 51.19-0.48                          1.0
BPA2 HE  103 263 ES       1034 07.28 0.82                          1.0
AL04AHZ  108 280 EP       1033 52.85 0.29                          1.0
AL04AHN  108 280 ES       1034 08.99 0.93                          1.0
AL04AHZ  108 280  IAML     1034 26.51            451  0.8
AL03AHN  109 321 ES       1034 08.42 0.19                          1.0
AL03AHZ  109 321  IAML     1034 10.25            382  1.0
BURR EZ  109 321 EP       1033 52.24-0.41                          1.0
BURR EZ  109 321 ES       1034 08.38 0.16                          1.0
BURR EZ  109 321  IAML     1034 10.18            220  1.0
AL03AHZ  109 321 EP       1033 51.92-0.74                          1.0
VLO2 EZ  113 249 EP       1033 52.59-0.79                          1.0
VLO2 EN  113 249 ES       1034 10.58 1.05                          1.0
DRSH EZ  120 294 EP       1033 55.05 0.52                          1.0
DRSH EN  120 294 ES       1034 12.50 0.88                          1.0
DRSH EZ  120 294  IAML     1034 29.06            273  0.9
VLO  HZ  120 250 EP       1033 54.09-0.49                          1.0
VLO  HE  120 250 ES       1034 12.80 1.10                          1.0
AL06AHZ  124 228 EP       1033 55.26 0.10                          1.0
AL06AHE  124 228 ES       1034 14.08 1.31                          1.0
AL06AHZ  124 228  IAML     1034 16.55            205  0.4
PLSA EZ  127 234 EP       1033 56.39 0.68                          1.0
PLSA EZ  127 234 ES       1034 15.00 1.23                          1.0
LACI HZ  128 314 EP       1033 55.33-0.51                          1.0
LACI HN  128 314 ES       1034 14.49 0.48                          1.0
LACI HZ  128 314  IAML     1034 22.80            252  1.0
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SRN	HZ	128	214	EP	1033	56.18	0.27						1.0
SRN	HN	128	214	ES	1034	15.15	1.04						1.0
SRN	HZ	128	214	IAML	1034	20.07			172	0.8			
KKS	HZ	141	345	EP	1033	58.01	0.00						1.0
KKS	HN	141	345	ES	1034	17.52	-0.39						1.0
KKS	HZ	141	345	IAML	1034	26.73			238	0.9			
PRZK	HZ	152	358	EP	1034	00.39	0.56						1.0
PRZK	HE	152	358	ES	1034	21.29	0.07						1.0
PRZK	HZ	152	358	IAML	1034	27.64			322	0.8			
KEK	HZ	153	215	EP	1034	01.01	0.91						1.0
KEK	HE	153	215	ES	1034	21.69	-0.01						1.0
KEK	HZ	153	215	IAML	1034	27.52			137	0.5			
PUK	HZ	154	330	EP	1033	59.85	-0.42						1.0
PUK	HN	154	330	ES	1034	22.35	0.35						1.0
PUK	HZ	154	330	IAML	1034	29.03			154	0.8			
SDA	HZ	174	321	EP	1034	03.96	0.48						0.9
SDA	HN	174	321	ES	1034	28.23	0.42						0.9
SDA	HZ	174	321	IAML	1034	33.16			97	1.1			
THL	HZ	174	144	EP	1034	03.66	0.05						0.9
THL	HN	174	144	ES	1034	28.61	0.56						0.9
BCI	HZ	180	340	EP	1034	04.71	0.12						0.9
BCI	HN	180	340	ES	1034	29.86	0.03						0.9
THE	HZ	182	97	EP	1034	04.38	-0.37						0.9
RZM	EZ	198	328	EP	1034	07.24	0.33						0.9
RZM	EN	198	328	ES	1034	34.53	0.50						0.9
GMRK	HZ	204	9	EP	1034	07.68	0.01						0.9
GMRK	HN	204	9	ES	1034	36.67	1.26						0.9
PVY	HZ	207	340	EP	1034	08.98	0.85						0.9

November 20 2024 Hour: 1:28 54.2 Lat: 38.05N Lon: 20.37E D: 16.5 Ag: TIR Local Magnitudes: 2.7ML TIR 3.2MW TIR Rms: 0.3 secs
179 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	24	55	EP		0128	59.55	0.27							1.0
VLS	HN	24	55	ES		0129	03.00	-0.39							1.0
LKD2	HZ	85	17	EP		0129	09.26	0.05							1.0
LKD2	HN	85	17	ES		0129	21.62	0.25							1.0
ITM	HZ	168	125	EP		0129	22.61	0.12							0.9
ITM	HN	168	125	ES		0129	45.31	-0.08							0.9
JAN	HZ	183	13	EP		0129	24.30	-0.05							0.9
JAN	HE	183	13	ES		0129	48.88	0.12							0.9
KEK	HZ	191	345	EP		0129	25.38	0.05							0.9
KEK	HN	191	345	ES		0129	50.68	0.14							0.9
KEK	HZ	191	345	IAML		0130	09.01			40	0.5				
SRN	HZ	205	351	EP		0129	26.93	-0.23							0.9
SRN	HN	205	351	ES		0129	53.98	0.12							0.9
THL	HZ	220	40	EP		0129	29.32	0.20							0.9
THL	HE	220	40	ES		0129	57.70	0.31							0.9
LSK	HZ	233	5	EP		0129	31.07	0.16							0.9
LSK	HE	233	5	ES		0130	00.85	0.21							0.9
LSK	HZ	233	5	IAML		0130	21.83			16	0.7				
PLSA	EZ	243	345	EP		0129	31.95	-0.12							0.9
PENT	HZ	247	15	EP		0129	33.06	0.42							0.9
PENT	HN	247	15	ES		0130	03.13	-0.64							0.9
TPE	HZ	251	353	EP		0129	32.73	-0.28							0.9
TPE	HZ	251	353	IAML		0130	15.86			18	0.3				
NEST	HZ	269	12	EP		0129	35.67	0.25							0.9
NEST	HN	269	12	ES		0130	08.39	-0.41							0.9
MOGL	EZ	294	0	EP		0129	38.38	-0.27							0.8
AL05A	HZ	294	0	EP		0129	38.29	-0.36							0.8
BERA	HZ	297	353	EP		0129	38.92	-0.03							0.8
BERA	HZ	297	353	IAML		0130	25.63			11	1.4				

November 20 2024 Hour: 1:30 5.7 Lat: 38.07N Lon: 20.33E D: 16.0 Ag: TIR Local
Magnitudes: 2.7ML TIR Rms: 0.4 secs
177 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	26	63	EP		0130	10.92	-0.07							1.0
VLS	HN	26	63	ES		0130	14.36	-0.93							1.0
LKD2	HZ	85	20	EP		0130	21.31	0.77							1.0
LKD2	HN	85	20	ES		0130	33.23	0.63							1.0
ITM	HZ	172	125	EP		0130	34.59	0.10							0.9
ITM	HN	172	125	ES		0130	57.97	0.13							0.9
JAN	HZ	182	14	EP		0130	36.07	0.34							0.9
JAN	HE	182	14	ES		0131	00.19	0.11							0.9
KEK	HZ	188	346	EP		0130	36.30	-0.20							0.9
KEK	HN	188	346	ES		0131	01.46	-0.02							0.9
KEK	HZ	188	346	IAML		0131	23.00			43	1.4				
SRN	HZ	203	352	EP		0130	38.58	0.21							0.9
SRN	HN	203	352	ES		0131	04.91	0.06							0.9
SRN	HZ	203	352	IAML		0131	23.86			18	0.6				
THL	HZ	221	41	EP		0130	40.97	0.24							0.9
THL	HE	221	41	ES		0131	09.27	0.16							0.9
LSK	HZ	232	6	EP		0130	42.53	0.31							0.9
LSK	HN	232	6	ES		0131	12.07	0.25							0.9
LSK	HZ	232	6	IAML		0131	33.07			25	1.1				
PENT	HZ	246	16	EP		0130	44.54	0.50							0.9
PENT	HN	246	16	ES		0131	14.95	-0.17							0.9
TPE	HZ	248	354	EP		0130	44.06	-0.17							0.9
TPE	HE	248	354	ES		0131	15.13	-0.34							0.9
TPE	HZ	248	354	IAML		0131	27.09			17	0.7				
NEST	HZ	267	13	EP		0130	47.08	0.29							0.9
NEST	HN	267	13	ES		0131	19.84	-0.25							0.9
NEST	HZ	267	13	IAML		0131	37.88			10	1.0				
VLO2	EZ	274	347	EP		0130	47.78	0.31							0.8
SCTE	HZ	274	325	EP		0130	46.52	-1.05							0.8
KZN	HZ	278	26	EP		0130	48.51	0.44							0.8
KZN	HE	278	26	ES		0131	21.62	-0.79							0.8
AL05A	HZ	292	1	EP		0130	49.87	-0.06							0.8
AL05A	HN	292	1	ES		0131	25.36	-0.42							0.8
AL05A	HZ	292	1	IAML		0131	46.71			18	1.0				
BERA	HZ	295	354	EP		0130	49.94	-0.24							0.8
BERA	HN	295	354	ES		0131	26.30	0.08							0.8
BELS	EZ	324	354	EP		0130	53.24	-0.69							0.8

November 22 2024 Hour: 20: 1 34.1 Lat: 39.41N Lon: 20.64E D: 11.4 Ag: TIR Local
Magnitudes: 2.6ML TIR 3.2MW TIR Rms: 0.5 secs
48 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JAN	HN	33	33	ES		2001	45.08	-0.18							1.0
LKD2	HZ	69	179	EP		2001	47.09	0.76							1.0
LKD2	HE	69	179	ES		2001	56.61	0.36							1.0
SRN	HZ	76	314	EP		2001	47.48	0.09							1.0
SRN	HN	76	314	ES		2001	58.21	0.02							1.0
SRN	HZ	76	314	IAML		2002	00.71			38	0.6				
KEK	HZ	80	295	EP		2001	48.12	0.03							1.0
KEK	HN	80	295	ES		2001	59.45	0.00							1.0
KEK	HZ	80	295	IAML		2002	07.55			110	0.7				
LSK	HZ	82	357	EP		2001	48.18	-0.34							1.0
LSK	HN	82	357	ES		2002	00.71	0.49							1.0
LSK	HZ	82	357	IAML		2002	04.25			114	0.6				
PENT	HZ	97	26	EP		2001	50.44	-0.56							1.0
PENT	HN	97	26	ES		2002	04.85	0.13							1.0
AL06A	HN	107	315	ES		2002	07.83	0.27							1.0
TPE	HZ	112	332	EP		2001	53.43	0.02							1.0
TPE	HN	112	332	ES		2002	09.68	0.59							1.0

TPE	HZ	112	332	IAML	2002	16.02			76	0.8					
NEST	HZ	117	17	EP	2001	54.05	-0.25								1.0
NEST	HZ	117	17	IAML	2002	15.98			54	0.8					
PLSA	EN	121	314	ES	2002	10.51	-1.35								1.0
VLS	HZ	137	182	EP	2001	57.45	-0.19								1.0
VLS	HN	137	182	ES	2002	16.02	-0.71								1.0
KZN	HZ	139	44	EP	2001	57.98	0.04								1.0
MOGL	EZ	145	352	EP	2001	59.04	0.02								1.0
BERA	HZ	156	338	EP	2002	01.17	0.42								1.0
BERA	HZ	156	338	IAML	2002	29.34			44	0.5					
BELS	EZ	184	341	EP	2002	05.50	0.63								0.9
BELS	EN	184	341	ES	2002	29.42	-0.40								0.9
AL08AHZ		194	346	EP	2002	06.53	0.42								0.9
PLG	HZ	262	65	EP	2002	14.59	-0.39								0.9

November 23 2024 Hour: 19:11 57.0 Lat: 42.07N Lon: 19.82E D: 10.3 Ag: TIR Local Magnitudes: 2.6ML TIR 2.9MW TIR Rms: 0.4 secs
6 km W of Puke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	6	116	EP	D	1911	59.34	0.05							1.0
PUK	HN	6	116	ES		1912	01.27	0.11							1.0
PUK	HZ	6	116	IAML		1912	01.88			990	0.1				
SDA	HZ	27	266	EP		1912	01.45	-0.68							1.0
SDA	HE	27	266	ES		1912	05.36	-0.94							1.0
SDA	HZ	27	266	IAML		1912	07.92			267	0.2				
RZM	EZ	38	324	EP	C	1912	04.03	-0.12							1.0
RZM	EZ	38	324	ES		1912	10.35	0.39							1.0
AL01AHZ		38	324	EP	C	1912	04.02	-0.13							1.0
AL01AHN		38	324	ES		1912	10.17	0.21							1.0
AL01AHZ		38	324	IAML		1912	11.69			252	0.3				
BCI	HZ	39	31	EP		1912	04.64	0.44							1.0
BCI	HN	39	31	ES		1912	11.07	1.03							1.0
BCI	HZ	39	31	IAML		1912	13.42			367	0.3				
KKS	HZ	48	89	EP		1912	05.81	0.06							1.0
KKS	HN	48	89	ES		1912	12.79	-0.05							1.0
KKS	HZ	48	89	IAML		1912	15.22			217	0.8				
LACI	HZ	49	190	EP		1912	05.03	-0.83							1.0
LACI	HN	49	190	ES		1912	13.10	0.06							1.0
LACI	HZ	49	190	IAML		1912	16.95			182	1.0				
BURR	EN	54	164	ES		1912	15.16	0.50							1.0
AL03AHZ		54	164	EP		1912	05.92	-0.83							1.0
AL03AHZ		54	164	IAML		1912	19.35			206	0.1				
BURR	EZ	54	164	EP		1912	05.96	-0.80							1.0
AL03AHN		54	164	ES		1912	15.04	0.39							1.0
PVY	HZ	60	11	EP		1912	07.87	0.11							1.0
PVY	HN	60	11	ES		1912	16.40	-0.09							1.0
PVY	HZ	60	11	IAML		1912	18.93			171	0.5				
PDG	HZ	61	311	EP		1912	07.80	-0.19							1.0
PDG	HN	61	311	ES		1912	17.12	0.22							1.0
PDG	HZ	61	311	IAML		1912	20.79			136	0.5				
PHP	HZ	67	129	EP		1912	08.22	-0.67							1.0
PHP	HN	67	129	ES		1912	18.62	0.10							1.0
PHP	HZ	67	129	IAML		1912	19.85			114	0.2				
PEJK	HZ	74	30	EP		1912	10.21	0.06							1.0
PEJK	HN	74	30	ES		1912	20.72	-0.08							1.0
PEJK	HZ	74	30	IAML		1912	24.21			120	0.5				
TIR	HZ	80	178	EP		1912	10.62	-0.47							1.0
TIR	HN	80	178	ES		1912	22.78	0.26							1.0
TIR	HZ	80	178	IAML		1912	24.96			73	0.4				
AL02AHZ		81	206	EP		1912	11.64	0.33							1.0
AL02AHN		81	206	ES		1912	23.56	0.66							1.0
AL02AHZ		81	206	IAML		1912	34.81			94	0.1				
ME01AHZ		87	3	EP		1912	12.27	0.03							1.0
ME01AHN		87	3	ES		1912	24.63	0.05							1.0

ME01AHZ	87	3	IAML	1912	29.01			148	0.3				
DRSH EZ	91	196	EP	1912	13.40	0.50							1.0
DRSH EN	91	196	ES	1912	26.02	0.24							1.0
DRSH EZ	91	196	IAML	1912	30.61			103	0.7				
FUST EZ	95	150	EP	1912	13.71	0.01							1.0
FUST EN	95	150	ES	1912	27.41	0.19							1.0
NKME HZ	106	318	EP	1912	14.76	-0.65							1.0
NKME HN	106	318	ES	1912	30.68	0.35							1.0
NKME HZ	106	318	IAML	1912	37.19			73	0.4				
AL08AHZ	109	168	EP	1912	14.92	-1.08							1.0
AL08AHN	109	168	ES	1912	31.44	0.06							1.0
AL08AHZ	109	168	IAML	1912	39.09			75	0.5				
ME05AHZ	117	292	EP	1912	17.52	0.28							1.0
ME05AHN	117	292	ES	1912	33.87	0.25							1.0
ME05AHZ	117	292	IAML	1912	38.61			99	0.2				
AL04AHZ	120	191	EP	1912	18.08	0.36							1.0
AL04AHN	120	191	ES	1912	34.93	0.43							1.0
AL04AHZ	120	191	IAML	1912	46.24			90	0.4				
BELS EZ	122	176	EP	1912	18.15	0.05							1.0
GMRK HZ	132	60	EP	1912	20.00	0.10							1.0
GMRK HN	132	60	ES	1912	38.13	-0.31							1.0
SJES BZ	133	5	EP	1912	20.10	0.08							1.0
SJES BE	133	5	ES	1912	38.74	0.06							1.0
ME02AHZ	134	335	EP	1912	20.21	0.04							1.0
ME02AHN	134	335	ES	1912	39.08	0.15							1.0
ME02AHZ	134	335	IAML	1912	46.48			46	0.5				
BERA HZ	151	176	EP	1912	23.09	0.11							1.0
BERA HN	151	176	ES	1912	44.24	0.22							1.0
BERA HZ	151	176	IAML	1912	50.49			46	0.4				
AL05AHZ	159	162	EP	1912	23.64	-0.57							0.9
AL05AHN	159	162	ES	1912	46.92	0.67							0.9
AL05AHZ	159	162	IAML	1912	53.02			40	0.4				
MOGL EZ	159	162	EP	1912	24.44	0.24							0.9
MOGL EN	159	162	ES	1912	46.51	0.27							0.9
BARS BZ	184	62	EP	1912	27.48	-0.45							0.9
BARS BN	184	62	ES	1912	52.35	-0.63							0.9
TPE HZ	198	175	EP	1912	29.60	-0.07							0.9
TPE HN	198	175	ES	1912	55.89	-0.24							0.9
TPE HZ	198	175	IAML	1913	02.82			28	0.7				
NEST HZ	210	150	EP	1912	31.78	0.37							0.9
NEST HN	210	150	ES	1912	58.87	-0.41							0.9
PLSA EZ	212	185	EP	1912	31.36	-0.16							0.9
PLSA EZ	212	185	ES	1912	59.18	-0.30							0.9
LSK HZ	223	163	EP	1912	33.20	0.22							0.9
LSK HE	223	163	ES	1913	02.52	0.39							0.9
LSK HZ	223	163	IAML	1913	11.07			31	1.4				

November 24 2024 Hour: 0:25 14.4 Lat: 41.70N Lon: 19.89E D: 12.7 Ag: TIR Local
Magnitudes: 2.5ML TIR 2.9MW TIR Rms: 0.4 secs
7 km S of Reshen

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL03AHZ		15	141	EP		0025	18.18	0.28							1.0
AL03AHN		15	141	ES		0025	21.12	0.41							1.0
AL03AHZ		15	141	IAML		0025	22.81			791	0.3				
BURR EZ		15	141	EP		0025	17.96	0.05							1.0
BURR EN		15	141	ES		0025	21.18	0.47							1.0
BURR EZ		15	141	IAML		0025	22.88			408	0.2				
LACI HZ		16	243	EP		0025	17.55	-0.57							1.0
LACI HZ		16	243	IAML		0025	20.58			565	0.1				
PUK HZ		38	360	EP		0025	21.48	-0.04							1.0
PUK HN		38	360	ES		0025	27.47	0.22							1.0
PUK HZ		38	360	IAML		0025	29.62			302	0.1				
TIR HZ		40	184	EP		0025	20.82	-0.96							1.0
TIR HN		40	184	ES		0025	27.64	-0.08							1.0

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TIR  HZ   40 184  IAML    0025 28.38           110  0.6
PHP  HZ   46  92 EP       0025 23.19 0.39                      1.0
PHP  HN   46  92 ES       0025 29.75 0.18                      1.0
PHP  HZ   46  92  IAML    0025 31.48           113  0.4
SDA  HZ   51 320 EP       0025 23.58-0.01                      1.0
SDA  HN   51 320 ES       0025 31.22 0.23                      1.0
SDA  HZ   51 320  IAML    0025 32.18           243  0.1
AL02AHZ   53 232 EP       0025 24.20 0.22                      1.0
AL02AHN   53 232 ES       0025 32.10 0.40                      1.0
AL02AHZ   53 232  IAML    0025 36.67           221  0.5
DRSH EZ   56 214 EP       0025 24.87 0.33                      1.0
DRSH EN   56 214 ES       0025 33.38 0.66                      1.0
DRSH EZ   56 214  IAML    0025 39.93            91  0.4
KKS  HZ   59  46 EP       0025 25.20 0.21                      1.0
KKS  HZ   59  46  IAML    0025 36.13           105  0.3
FUST EZ   59 135 EP       0025 25.07-0.07                      1.0
FUST EN   59 135 ES       0025 33.61-0.18                      1.0
AL08AHZ   69 165 EP       0025 25.29-1.33                      1.0
AL08AHN   69 165 ES       0025 36.27-0.21                      1.0
AL08AHZ   69 165  IAML    0025 38.97            71  0.2
BCI  HZ   75  11 EP       0025 27.76 0.06                      1.0
BCI  HN   75  11 ES       0025 38.42-0.02                      1.0
BCI  HZ   75  11  IAML    0025 40.20           132
AL01AHZ   77 338 EP       0025 27.77-0.29                      1.0
AL01AHN   77 338 ES       0025 39.11 0.03                      1.0
AL01AHZ   77 338  IAML    0025 40.08           354  0.4
RZM  EZ   77 338 EP       0025 27.86-0.20                      1.0
RZM  EN   77 338 ES       0025 39.12 0.04                      1.0
BELS EZ   81 179 EP       0025 28.76 0.03                      1.0
AL04AHZ   82 200 EP       0025 29.05 0.19                      1.0
PDG  HZ   96 327 EP       0025 30.93-0.26                      1.0
PDG  HN   96 327 ES       0025 44.79 0.03                      1.0
PDG  HZ   96 327  IAML    0025 49.83            84
PVY  HZ   99   3 EP       0025 31.37-0.39                      1.0
PVY  HN   99   3 ES       0025 45.60-0.19                      1.0
PVY  HZ   99   3  IAML    0025 46.97           152  0.6
PEJK HZ  109  17 EP       0025 33.24-0.14                      1.0
PEJK HN  109  17 ES       0025 48.86 0.13                      1.0
PEJK HZ  109  17  IAML    0025 49.87            76  0.6
BERA HZ  111 178 EP       0025 33.51-0.09                      1.0
BERA HN  111 178 ES       0025 48.71-0.42                      1.0
BERA HZ  111 178  IAML    0025 50.40            32  0.6
AL05AHZ  118 159 EP       0025 34.26-0.67                      1.0
AL05AHN  118 159 ES       0025 51.60 0.08                      1.0
AL05AHZ  118 159  IAML    0025 52.82            41  0.9
MOGL EZ  118 159 EP       0025 35.04 0.12                      1.0
KBN  HZ  141 148 EP       0025 38.70-0.07                      1.0
KBN  HZ  141 148  IAML    0026 01.45            19  0.6
GMRK HZ  153  45 EP       0025 40.67 0.03                      1.0
TPE  HZ  157 176 EP       0025 41.35 0.06                      1.0
TPE  HZ  157 176  IAML    0026 08.09            32  0.9
PLSA EZ  172 188 EP       0025 44.04 0.41                      0.9
NEST HZ  173 145 EP       0025 43.62-0.19                      0.9
NEST HN  173 145 ES       0026 07.65 0.07                      0.9
ME02AHZ  173 339 EP       0025 44.00 0.08                      0.9
ME02AHZ  173 339  IAML    0026 09.85            26  0.4
NEST HZ  173 145  IAML    0026 10.01            26  1.0
LSK  HZ  182 161 EP       0025 45.27 0.26                      0.9
LSK  HZ  182 161  IAML    0026 18.61            21  0.2
PENT HZ  197 148 EP       0025 47.64 0.68                      0.9
SRN  HZ  203 177 EP       0025 47.69 0.21                      0.9
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November 24 2024 Hour: 22:37 8.9 Lat: 38.09N Lon: 20.37E D: 29.6 Ag: TIR Local
Magnitudes: 2.6ML TIR Rms: 0.3 secs
175 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	22	64	EP		2237	15.36	0.21							1.0
VLS	HN	22	64	ES		2237	19.74	-0.47							1.0
LKD2	HZ	81	18	EP		2237	23.83	0.35							1.0
LKD2	HN	81	18	ES		2237	35.42	0.13							1.0
ITM	HZ	171	126	EP		2237	36.51	0.33							0.9
ITM	HN	171	126	ES		2237	58.03	-0.25							0.9
KEK	HZ	187	345	EP		2237	38.36	0.14							0.9
KEK	HN	187	345	ES		2238	01.96	-0.01							0.9
KEK	HZ	187	345	IAML		2238	14.90			42	0.8				
SRN	HZ	201	351	EP		2237	39.88	-0.15							0.9
SRN	HZ	201	351	IAML		2238	18.97			23	1.1				
THL	HZ	217	41	EP		2237	42.08	-0.02							0.9
AL06AHZ		228	347	EP		2237	43.45	-0.05							0.9
AL06AHN		228	347	ES		2238	11.14	-0.39							0.9
AL06AHZ		228	347	IAML		2238	14.27			10	0.3				
LSK	HZ	229	5	EP		2237	43.75	-0.03							0.9
LSK	HZ	229	5	IAML		2238	30.69			17	0.8				
PLSA	EZ	239	345	EP		2237	44.57	-0.39							0.9
PENT	HZ	243	16	EP		2237	45.81	0.28							0.9
NEST	HZ	265	13	EP		2237	48.57	0.27							0.9
NEST	HZ	265	13	IAML		2238	23.56			7	0.1				

November 25 2024 Hour: 10:44 49.6 Lat: 42.06N Lon: 19.81E D: 7.8 Ag: TIR Local
Magnitudes: 2.5ML TIR 2.8MW TIR Rms: 0.4 secs
8 km W of Puke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PUK	HZ	7	108	EP	C	1044	52.02	0.38							1.0
PUK	HN	7	108	ES		1044	53.17	-0.13							1.0
PUK	HZ	7	108	IAML		1044	54.03			1492	0.3				
SDA	HZ	25	267	EP		1044	54.15	-0.21							1.0
SDA	HN	25	267	ES		1044	57.65	-0.57							1.0
SDA	HZ	25	267	IAML		1044	58.26			521	0.2				
AL01AHZ		38	326	EP	C	1044	56.80	0.23							1.0
AL01AHN		38	326	ES		1045	02.49	0.28							1.0
AL01AHZ		38	326	IAML		1045	03.52			209	0.4				
RZM	EZ	38	326	EP	C	1044	56.87	0.30							1.0
RZM	EN	38	326	IS		1045	02.47	0.26							1.0
RZM	EZ	38	326	IAML		1045	03.54			115	0.3				
BCI	HZ	40	32	EP	D	1044	57.37	0.48							1.0
BCI	HN	40	32	ES		1045	03.21	0.42							1.0
BCI	HZ	40	32	IAML		1045	04.84			386	0.4				
KKS	HZ	49	89	EP		1044	58.63	0.11							1.0
KKS	HZ	49	89	IAML		1045	08.23			186	0.4				
BURR	EZ	54	162	EP		1044	58.78	-0.56							1.0
BURR	EZ	54	162	IAML		1045	10.37			99	0.2				
AL03AHZ		54	162	EP		1044	58.78	-0.55							1.0
AL03AHN		54	162	ES		1045	07.18	-0.03							1.0
AL03AHZ		54	162	IAML		1045	10.37			168	0.2				
PVY	HZ	60	12	EP		1045	00.66	0.17							1.0
PVY	HE	60	12	ES		1045	09.26	-0.05							1.0
PVY	HZ	60	12	IAML		1045	10.67			168	0.7				
PDG	HZ	61	312	EP		1045	00.40	-0.13							1.0
PDG	HN	61	312	ES		1045	09.62	0.23							1.0
PDG	HZ	61	312	IAML		1045	13.61			88	0.4				
PHP	HZ	67	128	EP		1045	01.71	-0.02							1.0
PHP	HE	67	128	ES		1045	10.83	-0.72							1.0
PHP	HZ	67	128	IAML		1045	14.40			44	0.5				
PEJK	HZ	75	31	EP		1045	03.02	-0.08							1.0
PEJK	HE	75	31	ES		1045	13.74	-0.28							1.0

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PEJK HZ   75  31  IAML    1045 15.80             77  1.0
TIR  HZ   80 177 EP       1045 03.84 0.03                          1.0
TIR  HN   80 177 ES       1045 15.26-0.05                          1.0
TIR  HZ   80 177  IAML    1045 17.60             52  0.5
ME01AHZ   87   4 EP       1045 04.96-0.13                          1.0
ME01AHN   87   4 IS       1045 17.28-0.35                          1.0
ME01AHZ   87   4  IAML    1045 23.62            119  0.5
FUST EZ   96 149 EP       1045 05.86-0.67                          1.0
NKME HZ  105 318 EP       1045 07.59-0.49                          1.0
NKME HN  105 318 ES       1045 22.53-0.52                          1.0
NKME HZ  105 318  IAML    1045 26.70             40  0.2
ME05AHE  116 293 ES       1045 26.52 0.33                          1.0
AL04AHZ  119 190 EP       1045 10.90 0.52                          1.0
AL04AHZ  119 190  IAML    1045 34.25            112  0.4
BELS EZ  122 176 EP       1045 11.07 0.25                          1.0
BELS EE  122 176 ES       1045 27.65-0.34                          1.0
BELS EZ  122 176  IAML    1045 38.94             11  1.9
SJES BZ  134   6 EP       1045 12.89-0.00                          1.0
SJES BE  134   6 ES       1045 31.24-0.51                          1.0
GMRK HZ  134  60 EP       1045 13.15 0.26                          1.0
SJES BZ  134   6  IAML    1045 34.07            252  0.5
BERA HZ  151 176 EP       1045 15.60-0.10                          1.0
BERA HE  151 176 ES       1045 36.73-0.10                          1.0
BERA HZ  151 176  IAML    1045 39.03             33  0.4
AL05AHN  159 162 ES       1045 39.64 0.49                          0.9
MOGL EZ  159 162 EP       1045 17.39 0.41                          0.9
MOGL EZ  159 162  IAML    1045 46.67             16  0.7
AL05AHZ  159 162 EP       1045 17.32 0.34                          0.9
AL05AHZ  159 162  IAML    1045 42.94             32  1.5
BARS BZ  185  62 EP       1045 20.53-0.50                          0.9
PRMT EZ  209 167 EP       1045 24.53 0.48                          0.9
NEST HZ  211 150 EP       1045 25.40 1.02                          0.9
NEST HZ  211 150  IAML    1045 56.49             21  0.5
PENT HZ  236 151 EP       1045 28.12 0.54                          0.9
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November 26 2024 Hour: 12:52 33.8 Lat: 38.17N Lon: 20.28E D: 19.9 Ag: TIR Local
Magnitudes: 3.4ML TIR 3.7MW TIR Rms: 0.4 secs
166 km S of Konispol

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STAT CO DIST AZI PHASE  P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO  WT
VLS  HZ   27  87 EP     D 1252 39.92 0.32                          1.0
VLS  HN   27  87 ES       1252 43.42-0.88                          1.0
LKD2 HZ   76  25 EP       1252 47.11-0.29                          1.0
LKD2 HN   76  25 ES       1252 59.07 0.64                          1.0
KEK  HZ  177 346 EP       1253 02.83 0.04                          0.9
KEK  HN  177 346 ES       1253 26.35 0.08                          0.9
KEK  HZ  177 346  IAML    1253 35.15            276  1.0
ITM  HZ  181 127 EP       1253 03.97 0.57                          0.9
ITM  HN  181 127 ES       1253 27.08-0.28                          0.9
SRN  HZ  192 353 EP       1253 04.67-0.01                          0.9
SRN  HN  192 353 ES       1253 29.35-0.35                          0.9
SRN  HZ  192 353  IAML    1253 37.95            146  0.4
THL  HZ  216  43 EP       1253 08.16 0.39                          0.9
THL  HE  216  43 ES       1253 35.52 0.22                          0.9
AL06AHZ  218 348  IAML    1253 45.56            157  0.6
HIMA HZ  218 348 EP       1253 08.48 0.40                          0.9
AL06AHZ  218 348 EP       1253 08.42 0.33                          0.9
AL06AHN  218 348 ES       1253 35.65-0.22                          0.9
LSK  HZ  222   7 EP       1253 08.67 0.02                          0.9
LSK  HE  222   7 ES       1253 36.76-0.13                          0.9
LSK  HZ  222   7  IAML    1253 53.73            160  0.7
PLSA EZ  229 346 EP       1253 09.56 0.04                          0.9
PRMT EZ  229   1 EP       1253 09.66 0.17                          0.9
PENT HZ  237  18 EP       1253 11.45 0.83                          0.9
PENT HN  237  18 ES       1253 40.15-0.29                          0.9
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TPE	HZ	238	354	EP	1253	10.51	-0.05							0.9
TPE	HN	238	354	ES	1253	40.13	-0.21							0.9
TPE	HZ	238	354	IAML	1254	00.25			160	0.6				
NEST	HZ	258	15	EP	1253	14.07	0.75							0.9
NEST	HN	258	15	ES	1253	45.16	-0.17							0.9
NEST	HZ	258	15	IAML	1254	00.05			74	0.7				
VLO2	EZ	263	347	EP	1253	13.60	-0.16							0.9
SCTE	HZ	264	324	EP	1253	13.86	-0.03							0.9
KZN	HZ	270	28	EP	1253	15.00	0.18							0.9
KBN	HZ	276	9	EP	1253	16.13	0.53							0.8
MOGL	EZ	282	2	EP	1253	16.61	0.30							0.8
AL05A	HZ	282	2	EP	1253	16.63	0.32							0.8
AL05A	HZ	282	2	IAML	1254	13.23			47	0.7				
BERA	HZ	284	354	EP	1253	16.53	0.04							0.8
BERA	HN	284	354	ES	1253	50.79	-0.29							0.8
BERA	HZ	284	354	IAML	1254	06.79			63	1.1				
BELS	EZ	313	354	EP	1253	20.15	-0.10							0.8
AL04A	HZ	322	349	EP	1253	21.43	0.12							0.8
FUST	EZ	351	2	EP	1253	25.56	0.34							0.8
DRSH	EZ	352	350	EP	1253	25.78	0.55							0.8
DRSH	EZ	352	350	IAML	1254	40.00			29	1.3				
PLG	HZ	367	47	EP	1253	26.44	-0.70							0.8
AL03A	HZ	382	356	EP	1253	28.46	-0.68							0.8
BURR	EZ	382	356	EP	1253	28.48	-0.65							0.8
LACI	HZ	388	353	EP	1253	28.93	-0.96							0.7
LACI	HZ	388	353	IAML	1254	11.65			30	0.4				
PHP	HZ	391	2	EP	1253	30.07	-0.21							0.7
PHP	HZ	391	2	IAML	1254	18.59			21	0.2				
NOCI	HZ	402	317	EP	1253	31.09	-0.58							0.7
PUK	HZ	432	356	EP	1253	34.53	-1.02							0.7

November 30 2024 Hour: 22:32 43.1 Lat: 38.02N Lon: 20.35E D: 6.7 Ag: TIR Local Magnitudes: 2.7ML TIR 3.3MW TIR Rms: 0.4 secs
183 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	27	49	EP		2232	48.76	0.61							1.0
VLS	HN	27	49	ISg		2232	51.75	-0.47							1.0
LKD2	HZ	90	17	EP		2232	59.27	0.20							1.0
LKD2	HE	90	17	ES		2233	12.11	0.10							1.0
ITM	HZ	167	123	EP		2233	12.01	0.02							0.9
ITM	HE	167	123	ES		2233	35.38	0.01							0.9
KEK	HZ	194	346	EP		2233	14.95	-0.88							0.9
KEK	HN	194	346	ES		2233	42.92	0.58							0.9
KEK	HZ	194	346	IAML		2233	51.33			48	0.3				
SRN	HZ	209	352	EP		2233	18.16	0.47							0.9
SRN	HN	209	352	ES		2233	45.85	0.16							0.9
SRN	HZ	209	352	IAML		2233	49.45			19	0.3				
THL	HZ	224	40	EP		2233	19.46	-0.20							0.9
AL06A	HZ	236	348	EP		2233	20.59	-0.54							0.9
AL06A	HZ	236	348	IAML		2234	03.68			38	0.4				
LSK	HZ	238	5	EP		2233	22.07	0.59							0.9
LSK	HN	238	5	ES		2233	52.17	-0.39							0.9
PLSA	EZ	247	345	EP		2233	21.94	-0.63							0.9
PLSA	EN	247	345	ES		2233	54.37	-0.15							0.9
PLSA	EZ	247	345	IAML		2233	57.93			11	0.4				
PENT	HZ	251	15	EP		2233	23.40	0.17							0.9
AL05A	HZ	298	1	EP		2233	29.48	0.26							0.8