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Seismological Bulletin

of the

Institute of GeoSciences(IGEO)

February

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Department of Seismology (DS)
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.

February 4 2024 Hour: 10:22 44.8 Lat: 38.82N Lon: 19.85E D: 14.3 Ag: TIR Local
Magnitudes: 3.3ML TIR 3.5MW TIR Rms: 0.5 secs
97 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	71	92	EP		1022	7.847	0.57							1.0
LKD2	HN	71	92	ES		1023	7.731	0.32							1.0
IGT	HZ	90	28	EP		1023	1.226	0.74							1.0
IGT	HE	90	28	ES		1023	3.007	-0.21							1.0
IGT	HZ	90	28	IAML		1023	5.483			421	0.3				
VLS	HZ	96	137	EP		1023	1.542	-0.00							1.0
VLS	HN	96	137	ES		1023	4.255	-0.87							1.0
KEK	HZ	100	358	EP		1023	2.598	0.50							1.0
KEK	HE	100	358	ES		1023	6.286	0.15							1.0
KEK	HZ	100	358	IAML		1023	8.131			556	0.4				
SRN	HZ	119	6	EP		1023	5.754	0.47							1.0
SRN	HE	119	6	ES		1023	1.340	-0.56							1.0
SRN	HZ	119	6	IAML		1023	7.490			89	0.5				
AL06AHZ		141	357	EP		1023	9.167	0.10							1.0
AL06AHE		141	357	ES		1023	8.025	-0.72							1.0
TPE	HZ	165	5	EP		1023	3.554	0.75							0.9
TPE	HZ	165	5	IAML		1023	1.185			182	0.3				
SCTE	HZ	183	320	EP		1023	5.596	0.45							0.9
SCTE	HN	183	320	ES		1023	9.521	-0.23							0.9
NEST	HZ	205	30	EP		1023	7.682	-0.42							0.9
NEST	HE	205	30	ES		1023	4.804	-0.29							0.9
THL	HZ	205	65	EP		1023	7.248	-0.68							0.9
NEST	HZ	205	30	IAML		1023	6.682			99	0.6				
BERA	HZ	210	2	EP		1023	9.053	0.52							0.9
BERA	HN	210	2	ES		1023	6.190	0.31							0.9
BERA	HZ	210	2	IAML		1023	3.187			109	0.4				
MOGL	EZ	215	12	EP		1023	9.599	0.34							0.9
KBN	HN	216	22	ES		1023	7.381	-0.20							0.9
KZN	HZ	234	44	EP		1023	1.351	-0.40							0.9
KZN	HN	234	44	ES		1023	2.147	0.44							0.9
AL08AHZ		255	5	EP		1023	3.445	-0.93							0.9
ITM	HZ	258	134	EP		1023	4.003	-0.74							0.9
ITM	HN	258	134	ES		1023	8.001	0.89							0.9
AL02AHZ		290	353	EP		1023	9.074	0.20							0.8
LACI	HZ	313	358	EP		1023	0.858	-0.97							0.8
PHP	HZ	322	9	IAML		1024	1.559			23	0.6				
NOCI	HN	324	313	ES		1024	2.454	0.04							0.8

February 8 2024 Hour: 5:32 9.2 Lat: 41.18N Lon: 20.29E D: 7.5 Ag: TIR Local
Magnitudes: 3.7ML TIR 3.8MW TIR Rms: 0.3 secs
2 km W of Librazhd

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GE03	EZ			IP	0A	0532	2.550								
AL08AHZ		18	242	EP		0532	2.381	-0.35							1.0
AL08AHE		18	242	ES		0532	5.397	-0.16							1.0
AL07AHZ		45	134	EP		0532	7.671	0.25							1.0
AL07AHE		45	134	ES		0532	4.321	0.27							1.0
BURR	EZ	53	333	EP	D	0532	9.055	0.31							1.0
BURR	EN	53	333	ES		0532	6.724	0.29							1.0
AL03AHZ		53	333	EP	D	0532	9.200	0.45							1.0
AL03AHN		53	333	ES		0532	6.500	0.05							1.0
AL05AHZ		53	171	EP		0532	8.748	-0.14							1.0
MOGL	EZ	53	171	EP	D	0532	8.664	-0.22							1.0
MOGL	EE	53	171	ES		0532	6.698	0.01							1.0
PHP	HZ	57	12	EP		0532	9.686	0.08							1.0
PHP	HN	57	12	ES		0532	8.234	0.24							1.0
PHP	HZ	57	12	IAML		0532	4.214			1962	1.0				
BERA	HZ	60	209	EP	D	0532	9.136	-0.97							1.0
BERA	HN	60	209	ES		0532	8.922	0.02							1.0

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BERA HZ   60 209  IAML     0532 0.380           1808  1.1
AL04AHZ   64 253 EP     C 0532 1.448 0.64                          1.0
LACI HZ   70 317 EP     C 0532 0.882-0.91                          1.0
LACI HN   70 317 ES       0532 2.063 0.12                          1.0
LACI HZ   70 317  IAML    0532 4.368           1515  0.4
KBN  HZ   75 146 EP     C 0532 2.589-0.06                          1.0
KBN  HN   75 146 ES       0532 3.491-0.01                          1.0
KBN  HZ   75 146  IAML    0532 0.319            521  0.9
KKS  HZ  100   5 EP     D 0532 6.666-0.14                          1.0
KKS  HN  100   5 ES       0532 0.925-0.10                          1.0
TPE  HZ  101 193 EP       0532 6.945-0.09                          1.0
TPE  HE  101 193 ES       0532 1.582 0.14                          1.0
TPE  HZ  101 193  IAML    0532 8.642            990  0.7
PUK  HZ  101 341 EP     C 0532 7.064-0.07                          1.0
PUK  HN  101 341 ES       0532 1.849 0.22                          1.0
PUK  HZ  101 341  IAML    0532 2.789            380  0.7
VLO  HZ  104 221 EP       0532 7.688 0.22                          1.0
VLO  HZ  104 221  IAML    0532 9.884            398  0.6
NEST HZ  106 143 EP       0532 8.070 0.10                          1.0
NEST HN  106 143 ES       0532 3.098-0.03                          1.0
NEST HZ  106 143  IAML    0532 8.081            881  0.4
SDA  HZ  117 326 EP       0532 9.265-0.42                          1.0
SDA  HE  117 326 ES       0532 6.266 0.03                          1.0
AL06AHZ  129 201 EP       0532 1.970 0.23                          1.0
AL06AHN  129 201 ES       0532 0.082 0.12                          1.0
SRN  HZ  146 190 EP     D 0532 5.132 0.55                          1.0
SRN  HN  146 190 ES       0532 4.877-0.23                          1.0
SRN  HZ  146 190  IAML    0533 3.959            202  0.7
KZN  HZ  158 127 EP     D 0532 6.376-0.22                          0.9
PVY  HZ  160 350 EP     D 0532 6.413-0.44                          0.9
PVY  HN  160 350 ES       0532 9.045-0.16                          0.9
PEJK HZ  162 360 EP       0532 7.676 0.37                          0.9
PEJK HN  162 360 ES       0533 0.277 0.24                          0.9
PDG  HZ  163 329 EP       0532 6.610-0.75                          0.9
PDG  HN  163 329 ES       0533 0.109-0.03                          0.9
PDG  HZ  163 329  IAML    0533 6.152            428  0.8
KEK  HZ  168 195 EP     D 0532 8.672 0.45                          0.9
KEK  HE  168 195 ES       0533 1.929 0.23                          0.9
KEK  HZ  168 195  IAML    0533 5.262            543  0.5
GMRK HZ  181  25 EP     D 0532 9.987-0.31                          0.9
IGT  HZ  183 179 EP     D 0532 0.948 0.54                          0.9
IGT  HN  183 179 ES       0533 5.758 0.10                          0.9
IGT  HZ  183 179  IAML    0533 3.361            270  0.5
ME01AHZ  188 350 EP     C 0532 1.573 0.44                          0.9
ME01AHN  188 350 ES       0533 6.662-0.29                          0.9
SCTE HZ  197 232 EP       0532 2.010-0.22                          0.9
ME05AHZ  205 314 EP       0532 3.392 0.15                          0.9
NKME HZ  208 328 EP       0532 3.471-0.23                          0.9
THL  HZ  231 140 EP       0532 6.395-0.20                          0.9
SJES BZ  233 354 EP       0532 7.340 0.44                          0.9
THE  HZ  233 104 EP       0532 6.512-0.32                          0.9
THE  HZ  233 104  IAML    0533 1.341             75  1.0
ME02AHZ  240 337 EP       0532 8.303 0.46                          0.9
LKD2 HZ  267 173 EP       0532 1.000-0.25                          0.9
PLG  HZ  281 108 EP       0532 2.679-0.31                          0.8
NVR  HZ  300  85 EP       0532 5.218-0.24                          0.8
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February 11 2024 Hour: 4:29 43.1 Lat: 41.87N Lon: 19.75E D: 25.4 Ag: TIR Local Magnitudes: 2.7ML TIR 2.9MW TIR Rms: 0.5 secs
13 km NE of Lezhe

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STAT CO DIST AZI PHASE  P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO  WT
GE03 EZ          IP   0A  0429 8.830
PUK  HZ   22  31 EP     D 0429 8.909-0.06                          1.0
PUK  HN   22  31 ES       0429 4.165 0.41                          1.0
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LACI HZ   26 187 EP     C 0429 8.365-0.94                          1.0
LACI HE   26 187 ES       0429 2.767-1.59                          1.0
LACI HZ   26 187  IAML    0429 2.976          1398  0.3
BURR EZ   36 145 EP     C 0429 0.595-0.10                          1.0
BURR EZ   36 145 ES       0429 7.147 0.27                          1.0
BURR EZ   36 145  IAML    0429 7.538           390  0.3
AL03AHZ   36 145 EP     C 0429 0.557-0.14                          1.0
AL03AHN   36 145 ES       0429 7.318 0.44                          1.0
KKS  HZ   58  67 EP     C 0429 3.997 0.07                          1.0
KKS  HN   58  67 ES       0430 2.815 0.10                          1.0
TIR  HZ   59 171 EP       0429 3.586-0.41                          1.0
TIR  HE   59 171 ES       0430 3.113 0.26                          1.0
TIR  HZ   59 171  IAML    0430 6.690           121  0.3
AL02AHZ   59 210 EP       0429 4.412 0.35                          1.0
AL02AHN   59 210 ES       0430 3.930 0.96                          1.0
PHP  HZ   61 110 EP     D 0429 4.372 0.04                          1.0
PHP  HN   61 110 ES       0430 3.486 0.02                          1.0
PHP  HZ   61 110  IAML    0430 4.444           210  0.4
PDG  HZ   74 327 EP       0429 5.830-0.57                          1.0
PDG  HE   74 327 ES       0430 7.531 0.34                          1.0
PDG  HZ   74 327  IAML    0430 8.537           139  0.4
PVY  HZ   82  12 EP       0429 7.426-0.31                          1.0
PVY  HN   82  12 ES       0430 9.641 0.02                          1.0
AL08AHZ   90 161 EP       0429 8.004-0.86                          1.0
AL08AHN   90 161 ES       0430 1.903 0.25                          1.0
PEJK HZ   96  27 EP     C 0429 9.627-0.26                          1.0
PEJK HN   96  27 ES       0430 3.800 0.30                          1.0
AL04AHZ   97 190 EP       0430 0.595 0.58                          1.0
AL04AHN   97 190 ES       0430 3.705-0.03                          1.0
ME01AHZ  109   5 EP     C 0430 1.984 0.10                          1.0
ME01AHN  109   5 ES       0430 7.168 0.04                          1.0
NKME HZ  119 327 EP       0430 3.145-0.41                          1.0
NKME HE  119 327 ES       0430 0.231 0.08                          1.0
BPA2 HZ  127 185 EP       0430 5.124 0.41                          1.0
BPA2 HE  127 185 ES       0430 2.595 0.36                          1.0
BERA HZ  131 173 EP       0430 5.659 0.38                          1.0
BERA HN  131 173 ES       0430 3.574 0.31                          1.0
BERA HZ  131 173  IAML    0430 7.006            72  0.5
AL07AHZ  133 144 EP       0430 5.862 0.22                          1.0
AL07AHN  133 144 ES       0430 3.365-0.57                          1.0
AL05AHZ  140 157 EP       0430 6.855 0.08                          1.0
AL05AHN  140 157 ES       0430 5.926-0.05                          1.0
MOGL EZ  140 157 EP       0430 7.316 0.55                          1.0
MOGL EZ  140 157 ES       0430 5.827-0.14                          1.0
MOGL EZ  140 157  IAML    0430 9.019            30  0.5
GMRK HZ  149  54 EP       0430 9.037 0.97                          1.0
GMRK HN  149  54 ES       0430 8.020-0.30                          1.0
ME02AHZ  152 340 EP       0430 8.739 0.27                          1.0
ME02AHE  152 340 ES       0430 9.122 0.09                          1.0
VLO  HZ  157 188 EP       0430 9.136 0.17                          1.0
VLO  HZ  157 188  IAML    0430 6.162            43  0.4
KBN  HZ  163 148 EP       0430 0.342 0.50                          0.9
KBN  HN  163 148 ES       0430 1.395-0.13                          0.9
ME03AHZ  168 349 EP       0430 0.162-0.22                          0.9
ME03AHN  168 349 ES       0430 2.414-0.10                          0.9
TPE  HZ  176 173 EP       0430 1.490 0.05                          0.9
TPE  HE  176 173 ES       0430 3.971-0.46                          0.9
TPE  HZ  176 173  IAML    0430 6.024            55  0.8
NEST HZ  195 146 EP       0430 4.720 0.81                          0.9
NEST HN  195 146 ES       0430 8.841-0.05                          0.9
NEST HZ  195 146  IAML    0430 3.033            27  0.5
BARS BZ  200  58 EP       0430 4.665 0.21                          0.9
BARS BN  200  58 ES       0430 9.586-0.29                          0.9
SRN  HZ  222 175 EP       0430 7.068-0.20                          0.9
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SRN	HZ	222	175	IAML	0430	5.485		16	0.8					
BOSS	SZ	234	72	EP	0430	9.088	0.16							0.9
BOSS	SN	234	72	ES	0430	7.543	-0.42							0.9
KEK	HZ	240	179	EP	0430	8.603	-0.95							0.9
IGT	HZ	264	169	EP	0430	2.043	-0.67							0.9
THL	HZ	319	143	EP	0430	9.355	-0.40							0.8
NVR	HZ	348	98	EP	0430	4.028	0.59							0.8
BZS	HZ	443	19	EP	0430	5.045	-0.62							0.7

February 12 2024 Hour: 5:56 42.9 Lat: 39.25N Lon: 21.43E D: 9.9 Ag: TIR Local
Magnitudes: 3.1ML TIR 3.5MW TIR Rms: 0.5 secs
116 km E of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GE03	EZ			IP	0A	0557	6.790								
THL	HZ	61	55	EP		0556	3.971	0.08							1.0
THL	HE	61	55	ES		0557	2.783	0.04							1.0
LKD2	HZ	85	233	EP		0556	7.814	-0.04							1.0
LKD2	HN	85	233	ES		0557	0.437	0.51							1.0
IGT	HZ	100	288	EP		0556	9.569	-0.79							1.0
IGT	HN	100	288	ES		0557	4.387	-0.07							1.0
IGT	HZ	100	288	IAML		0557	7.151			122	0.5				
VLS	HZ	140	212	EP		0557	5.731	-1.37							1.0
SRN	HZ	141	300	EP		0557	6.870	-0.41							1.0
SRN	HN	141	300	ES		0557	6.945	-0.05							1.0
KEK	HZ	150	290	EP		0557	8.946	0.28							1.0
KEK	HN	150	290	ES		0557	9.489	-0.00							1.0
KEK	HZ	150	290	IAML		0557	3.104			315	0.7				
KBN	HZ	162	340	EP		0557	1.191	0.44							0.9
KBN	HE	162	340	ES		0557	3.113	-0.16							0.9
KBN	HZ	162	340	IAML		0557	8.903			38	0.9				
TPE	HZ	168	314	EP		0557	1.524	-0.16							0.9
TPE	HN	168	314	ES		0557	4.937	-0.02							0.9
TPE	HZ	168	314	IAML		0557	0.212			153	0.6				
AL06AHZ		171	303	EP		0557	2.487	0.25							0.9
AL06AHN		171	303	ES		0557	5.954	-0.01							0.9
AL05AHZ		184	331	EP		0557	3.950	-0.04							0.9
MOGL	EZ	184	331	EP		0557	3.950	-0.04							0.9
AL05AHE		184	331	ES		0557	8.891	-0.24							0.9
THE	HZ	202	40	EP		0557	6.295	0.13							0.9
BERA	HZ	205	322	EP		0557	6.634	0.04							0.9
BERA	HE	205	322	ES		0557	3.706	-0.13							0.9
BERA	HZ	205	322	IAML		0557	9.584			82	0.7				
VLO	HZ	214	310	EP		0557	8.136	0.41							0.9
VLO	HZ	214	310	IAML		0558	6.338			40	1.2				
ITM	HZ	234	169	EP		0557	1.036	0.63							0.9
AL08AHZ		235	332	EP		0557	0.767	0.32							0.9
TIR	HZ	268	331	EP		0557	5.475	0.77							0.9
PHP	HZ	283	343	EP		0557	7.235	0.57							0.8
PHP	HN	283	343	ES		0558	1.713	-0.35							0.8
PHP	HZ	283	343	IAML		0558	7.635			32	0.8				
AL03AHZ		288	336	EP		0557	8.045	0.81							0.8
BURR	EZ	288	336	EP		0557	7.706	0.48							0.8
LACI	HZ	302	332	EP		0557	9.095	0.05							0.8
LACI	HZ	302	332	IAML		0558	0.770			61	1.9				
NVR	HZ	311	41	EP		0557	9.247	-1.06							0.8
PUK	HZ	336	338	EP		0557	4.687	1.17							0.8
PUK	HN	336	338	ES		0558	3.813	-0.66							0.8
BOSS	SZ	371	13	EP		0557	6.756	-1.18							0.8
GMRK	HZ	379	357	EP		0557	7.796	-1.20							0.8
PEJK	HZ	389	346	EP		0557	0.516	0.25							0.7
PVY	HZ	391	342	EP		0557	0.963	0.32							0.7
PDG	HZ	397	333	EP		0557	1.812	0.53							0.7
PDG	HZ	397	333	IAML		0558	8.058			9	0.6				
ME02AHZ		475	337	EP		0557	1.736	0.36							0.7

MRVN	HZ	489	296	EP		0557	2.999	-0.10							0.7

February 14 2024 Hour: 11: 2 19.9 Lat: 39.20N Lon: 20.66E D: 5.1 Ag: TIR Local
Magnitudes: 2.6ML TIR 3.0MW TIR Rms: 0.3 secs
65 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	45	180	EP		1102	7.994	-0.10							1.0
LKD2	HN	45	180	ES		1102	4.790	0.09							1.0
KEK	HZ	94	308	EP		1102	6.427	-0.23							1.0
KEK	HN	94	308	ES		1102	0.737	0.54							1.0
KEK	HZ	94	308	IAML		1102	3.892			160	0.6				
SRN	HZ	95	323	EP		1102	6.960	0.15							1.0
SRN	HN	95	323	ES		1102	0.251	-0.22							1.0
VLS	HZ	113	183	EP		1102	0.213	0.27							1.0
VLS	HN	113	183	ES		1102	5.942	-0.20							1.0
AL06AHZ		126	322	EP		1102	1.536	-0.45							1.0
AL06AHE		126	322	ES		1102	9.735	-0.11							1.0
NEST	HZ	139	14	EP		1102	4.552	0.25							1.0
NEST	HZ	139	14	IAML		1103	8.909			23	0.3				

February 16 2024 Hour: 9:40 28.3 Lat: 42.38N Lon: 19.40E D: 25.1 Ag: TIR Local
Magnitudes: 2.6ML TIR 2.9MW TIR Rms: 0.3 secs
18 km N of Koplik

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PDG	HZ	13	296	EP		0940	2.982	-0.11							1.0
PDG	HN	13	296	ES		0940	6.567	-0.44							1.0
PDG	HZ	13	296	IAML		0940	6.804			868	0.2				
SDA	HZ	38	167	EP		0940	5.384	-0.62							1.0
SDA	HE	38	167	ES		0940	2.490	0.23							1.0
PVY	HZ	52	62	EP		0940	8.454	0.23							1.0
PVY	HN	52	62	ES		0940	6.200	-0.09							1.0
PUK	HZ	55	132	EP		0940	8.722	0.00							1.0
PUK	HN	55	132	ES		0940	6.925	-0.26							1.0
PUK	HZ	55	132	IAML		0940	9.338			116	0.2				
NKME	HZ	57	320	EP		0940	8.705	-0.18							1.0
NKME	HN	57	320	ES		0940	7.222	-0.26							1.0
ME01AHZ		65	37	EP		0940	0.980	0.75							1.0
ME01AHE		65	37	ES		0940	9.672	-0.24							1.0
PEJK	HZ	78	68	EP		0940	2.634	0.40							1.0
PEJK	HE	78	68	ES		0940	3.515	-0.03							1.0
LACI	HZ	87	162	EP		0940	3.031	-0.51							1.0
LACI	HE	87	162	ES		0940	5.955	0.05							1.0
LACI	HZ	87	162	IAML		0940	6.206			96	0.4				
ME02AHZ		89	345	EP		0940	4.396	0.34							1.0
ME02AHE		89	345	ES		0940	7.106	0.26							1.0
KKS	HZ	90	112	EP		0940	3.921	-0.10							1.0
KKS	HE	90	112	ES		0940	6.666	-0.10							1.0
BURR	EZ	100	150	ES		0940	9.814	0.08							1.0
AL03AHZ		100	150	EP		0940	6.031	0.38							1.0
AL03AHE		100	150	ES		0941	0.068	0.34							1.0
BURR	EZ	100	150	EP		0940	5.749	0.09							1.0
BURR	EZ	100	150	IAML		0941	4.688			93	0.4				
PHP	HZ	116	131	EP		0940	8.056	-0.12							1.0
PHP	HN	116	131	ES		0941	4.339	0.05							1.0
PHP	HZ	116	131	IAML		0941	8.851			79	0.2				
TIR	HZ	121	161	EP		0940	8.723	-0.23							1.0
TIR	HN	121	161	ES		0941	6.075	0.37							1.0
TIR	HZ	121	161	IAML		0941	3.052			53	0.5				
GMRK	HZ	153	78	EP		0940	3.781	0.04							1.0
AL04AHZ		153	175	EP		0940	3.814	0.15							1.0
AL04AHN		153	175	ES		0941	4.563	0.33							1.0
GMRK	HE	153	78	ES		0941	4.079	-0.29							1.0
BERA	HZ	192	166	EP		0940	8.953	0.32							0.9
BERA	HN	192	166	ES		0941	2.363	-0.86							0.9

BERA	HZ	192	166	IAML	0941	9.636			27	0.6				
BARS	BZ	204	75	EP	0941	0.676	0.43							0.9
BARS	BN	204	75	ES	0941	6.049	-0.10							0.9
MOGL	EZ	204	156	EP	0941	0.268	0.09							0.9
MOGL	EZ	204	156	IAML	0941	9.234			16	0.7				
AL05AHZ		204	156	EP	0941	0.341	0.15							0.9
BOSS	SZ	252	86	EP	0941	6.351	-0.11							0.9
BOSS	SN	252	86	ES	0941	6.595	-0.80							0.9
NEST	HZ	258	147	EP	0941	7.446	0.19							0.9
NEST	HN	258	147	ES	0941	8.822	-0.01							0.9
NEST	HZ	258	147	IAML	0941	5.090			19	0.5				

February 17 2024 Hour: 13:54 51.1 Lat: 42.63N Lon: 19.03E D: 19.0 Ag: TIR Local
Magnitudes: 2.5ML TIR 2.8MW TIR Rms: 0.4 secs
57 km NW of Koplik

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NKME	HZ	16	338	EP		1354	5.862	0.31							1.0
NKME	HE	16	338	ES		1354	9.316	0.16							1.0
PDG	HZ	29	139	EP		1354	7.044	-0.13							1.0
PDG	HE	29	139	ES		1355	1.627	-0.47							1.0
PDG	HZ	29	139	IAML		1355	1.737		764	0.3					
ME05AHZ		47	246	EP		1354	9.631	-0.18							1.0
ME05AHN		47	246	ES		1355	6.413	-0.46							1.0
ME02AHZ		59	7	EP		1355	2.131	0.24							1.0
ME02AHE		59	7	ES		1355	0.473	-0.16							1.0
ME01AHZ		74	71	EP		1355	4.633	0.35							1.0
ME01AHE		74	71	ES		1355	5.137	0.18							1.0
SDA	HZ	75	149	EP		1355	4.029	-0.44							1.0
SDA	HN	75	149	ES		1355	5.511	0.21							1.0
PVY	HZ	77	93	EP		1355	5.162	0.41							1.0
PVY	HE	77	93	ES		1355	5.958	0.14							1.0
PUK	HZ	97	132	EP		1355	7.750	-0.30							1.0
PUK	HE	97	132	ES		1355	1.892	0.11							1.0
PUK	HZ	97	132	IAML		1355	5.428		23	0.2					
PEJK	HZ	103	89	EP		1355	9.139	0.11							1.0
PEJK	HN	103	89	ES		1355	2.776	-0.78							1.0
LACI	HZ	124	152	EP		1355	2.058	-0.46							1.0
LACI	HN	124	152	ES		1355	9.357	-0.52							1.0
LACI	HZ	124	152	IAML		1355	6.585		40	0.6					
KKS	HZ	129	118	EP		1355	3.016	-0.29							1.0
KKS	HN	129	118	ES		1355	1.451	0.16							1.0
AL02AHZ		139	167	EP		1355	5.120	0.26							1.0
AL02AHE		139	167	ES		1355	4.789	0.69							1.0
AL03AHZ		140	144	EP		1355	5.193	0.17							1.0
AL03AHE		140	144	ES		1355	4.972	0.58							1.0
BURR	EZ	140	144	EP		1355	4.911	-0.11							1.0
BURR	EE	140	144	ES		1355	5.146	0.75							1.0
PHP	HZ	157	131	EP		1355	7.702	0.01							1.0
PHP	HN	157	131	ES		1355	9.425	0.19							1.0
PHP	HZ	157	131	IAML		1355	5.510		33	0.4					
TIR	HZ	158	154	EP		1355	7.691	-0.12							0.9
TIR	HZ	158	154	IAML		1355	2.697		20	0.9					
GMRK	HZ	180	88	EP		1355	1.222	0.57							0.9
GMRK	HE	180	88	ES		1355	4.306	-0.29							0.9
AL04AHZ		186	166	EP		1355	1.746	0.45							0.9
AL04AHN		186	166	ES		1355	6.101	0.35							0.9
BERA	HZ	227	160	EP		1355	6.465	-0.18							0.9
BERA	HE	227	160	ES		1355	4.084	-1.35							0.9
BERA	HZ	227	160	IAML		1356	5.364		20	0.5					
BARS	BZ	229	84	EP		1355	7.025	0.11							0.9
BARS	BE	229	84	ES		1355	5.070	-0.85							0.9
AL05AHZ		242	152	EP		1355	9.052	0.48							0.9
MOGL	EZ	242	152	EP		1355	8.575	0.00							0.9
NOCI	HZ	262	219	EP		1355	1.249	0.16							0.9

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BOSS SZ  282  92 EP       1355 3.653-0.11                              0.8
SCTE HZ  288 190 EP       1355 4.417 0.01                              0.8
MRVN HZ  293 234 EP       1355 5.021-0.06                              0.8
NEST HZ  298 145 EP       1355 5.847-0.00                              0.8
NEST HZ  298 145  IAML    1356 4.235             7  1.4
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February 20 2024 Hour: 9:15 56.9 Lat: 40.33N Lon: 20.01E D: 10.3 Ag: TIR Local
Magnitudes: 2.6ML TIR 3.0MW TIR Rms: 0.4 secs
3 km SE of Memaliaj

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STAT CO DIST AZI PHASE  P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO  WT
GE03 EZ          IP    A  0916 4.060
TPE  HZ    4 168 EP       0915 8.623-0.33                              1.0
TPE  HN    4 168 ES       0916 0.107-0.47                              1.0
TPE  HZ    4 168  IAML    0916 0.498          8026  0.1
AL06AHZ   34 218 EP       0916 3.356 0.06                              1.0
AL06AHN   34 218 ES       0916 8.894 0.45                              1.0
BERA HZ   42 353 EP       0916 4.168-0.46                              1.0
BERA HN   42 353 ES       0916 0.513-0.33                              1.0
BERA HZ   42 353  IAML    0916 2.009          1688  0.2
VLO  HZ   46 290 EP       0916 5.256-0.11                              1.0
VLO  HN   46 290 ES       0916 2.689 0.50                              1.0
VLO  HZ   46 290  IAML    0916 6.017           353  0.3
SRN  HZ   50 181 EP       0916 5.952-0.06                              1.0
SRN  HN   50 181 ES       0916 3.080-0.28                              1.0
SRN  HZ   50 181  IAML    0916 4.765            69  0.3
MOGL EN   53  38 ES       0916 4.533 0.17                              1.0
AL05AHE   53  38 ES       0916 4.348-0.02                              1.0
MOGL EZ   53  38 EP       0916 6.196-0.37                              1.0
MOGL EZ   53  38  IAML    0916 5.812           120  0.2
AL05AHZ   53  38 EP       0916 6.143-0.43                              1.0
KEK  HZ   71 195 EP       0916 9.435-0.06                              1.0
KEK  HN   71 195 ES       0916 9.550-0.11                              1.0
KEK  HZ   71 195  IAML    0916 6.346           247  0.5
KBN  HZ   74  63 EP       0916 0.077 0.01                              1.0
KBN  HN   74  63 ES       0916 0.540-0.15                              1.0
KBN  HZ   74  63  IAML    0916 4.498            23  0.3
AL04AHZ   84 334 EP       0916 2.185 0.46                              1.0
AL08AHZ   87   5 EP       0916 2.419 0.28                              1.0
AL08AHN   87   5 ES       0916 5.152 0.71                              1.0
NEST HZ   89  84 EP       0916 2.544-0.07                              1.0
NEST HN   89  84 ES       0916 5.646 0.34                              1.0
NEST HZ   89  84  IAML    0916 3.689            82  0.3
TIR  HZ  114 354 EP       0916 7.051 0.39                              1.0
TIR  HN  114 354 ES       0916 3.111 0.48                              1.0
TIR  HZ  114 354  IAML    0916 9.392            47  0.4
SCTE HZ  134 258 EP       0916 0.285 0.24                              1.0
AL03AHN  141 360 ES       0916 0.939-0.04                              1.0
BURR EZ  141 360 EP       0916 1.085-0.18                              1.0
BURR EN  141 360 ES       0916 1.227 0.26                              1.0
AL03AHZ  141 360 EP       0916 0.994-0.28                              1.0
LACI HZ  147 351 EP       0916 2.543 0.31                              1.0
LACI HN  147 351 ES       0916 3.188 0.47                              1.0
LACI HZ  147 351  IAML    0916 7.101            47  0.5
KZN  HZ  150  90 EP       0916 3.065 0.31                              1.0
KZN  HN  150  90 ES       0916 3.524-0.15                              1.0
PHP  HZ  155  14 EP       0916 4.046 0.49                              1.0
PHP  HE  155  14 ES       0916 5.034-0.08                              1.0
PHP  HZ  155  14  IAML    0916 1.798            66  0.8
LKD2 HZ  180 162 EP       0916 7.328-0.07                              0.9
PUK  HZ  191 357 EP       0916 8.429-0.38                              0.9
PUK  HN  191 357 ES       0916 3.906-0.71                              0.9
THL  HZ  191 116 EP       0916 9.531 0.71                              0.9
THL  HE  191 116 ES       0916 5.066 0.42                              0.9
PUK  HZ  191 357  IAML    0916 7.280             9  0.8
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SDA  HZ  196 348 EP       0916 8.831-0.54                          0.9
SDA  HZ  196 348  IAML    0917 3.049             5  0.3
KKS  HZ  196  10 EP       0916 9.510 0.00                          0.9
KKS  HN  196  10 ES       0916 5.210-0.67                          0.9
PVY  HZ  252 359 EP       0916 7.140 0.45                          0.9
PVY  HE  252 359 ES       0917 8.000-0.88                          0.9
NOCI HZ  254 283 EP       0916 6.080-0.84                          0.9
PEJK HZ  258   5 EP       0916 7.915 0.47                          0.9
PEJK HN  258   5 ES       0917 9.816-0.43                          0.9
PLG  HZ  292  88 EP       0916 2.396 0.61                          0.8
ME02AHZ  322 347 EP       0916 5.316-0.48                          0.8
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February 21 2024 Hour: 12:38 27.3 Lat: 40.13N Lon: 20.02E D: 12.0 Ag: TIR Local
Magnitudes: 2.9ML TIR 3.3MW TIR Rms: 0.5 secs
12 km NW of Gjirokaster

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STAT CO DIST AZI PHASE  P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO  WT
TPE  HZ   18 360 EP     C 1238 0.137-1.04                          1.0
TPE  HN   18 360 ES       1238 3.112-1.18                          1.0
TPE  HZ   18 360  IAML    1238 3.941          2134  0.2
AL06AHZ   23 257 EP     D 1238 1.497-0.39                          1.0
AL06AHN   23 257 ES       1238 5.462-0.12                          1.0
SRN  HZ   28 183 EP     C 1238 2.978 0.22                          1.0
SRN  HE   28 183 ES       1238 7.433 0.27                          1.0
SRN  HZ   28 183  IAML    1238 1.718           425  0.5
KEK  HZ   50 202 EP     C 1238 6.088-0.35                          1.0
KEK  HE   50 202 ES       1238 4.140 0.33                          1.0
KEK  HZ   50 202  IAML    1238 0.786           551  0.5
VLO  HZ   58 310 EP       1238 7.756 0.07                          1.0
VLO  HN   58 310 ES       1238 6.568 0.49                          1.0
VLO  HZ   58 310  IAML    1238 1.919           235  0.3
BERA HZ   63 355 EP       1238 8.047-0.57                          1.0
BERA HN   63 355 ES       1238 7.495-0.27                          1.0
BERA HZ   63 355  IAML    1238 8.956           616  0.5
AL05AHZ   71  26 EP     D 1238 9.241-0.67                          1.0
MOGL EZ   71  26 EP     D 1238 9.276-0.63                          1.0
MOGL EZ   71  26 ES       1238 0.477 0.39                          1.0
MOGL EZ   71  26  IAML    1238 2.293           259  0.3
AL05AHN   71  26 ES       1238 9.649-0.45                          1.0
BPA2 HZ   74 333 EP       1238 0.029-0.40                          1.0
KBN  HZ   85  50 EP     C 1238 0.939-1.33                          1.0
KBN  HE   85  50 ES       1238 4.720 0.35                          1.0
NEST HZ   93  70 EP       1238 2.623-1.01                          1.0
NEST HN   93  70 ES       1238 7.227 0.39                          1.0
NEST HZ   93  70  IAML    1239 8.259           289  0.4
AL07AHZ  102  33 EP       1238 4.983-0.08                          1.0
AL07AHN  102  33 ES       1239 0.012 0.58                          1.0
AL04AHZ  104 338 EP       1238 5.975 0.53                          1.0
AL08AHZ  108   4 EP       1238 6.044-0.03                          1.0
AL08AHN  108   4 ES       1239 2.482 1.23                          1.0
SCTE HZ  132 268 EP       1238 0.310 0.22                          1.0
SCTE HN  132 268 ES       1239 8.753 0.22                          1.0
TIR  HZ  135 355 EP       1238 1.600 0.98                          1.0
TIR  HN  135 355 ES       1239 9.988 0.50                          1.0
TIR  HZ  135 355  IAML    1239 4.450            81  0.9
KZN  HZ  151  82 EP       1238 3.629 0.45                          1.0
KZN  HN  151  82 ES       1239 4.482 0.36                          1.0
LKD2 HZ  159 160 EP       1238 5.126 0.54                          0.9
LKD2 HN  159 160 ES       1239 6.976 0.31                          0.9
AL03AHN  163 360 ES       1239 8.317 0.48                          0.9
BURR EZ  163 360 EP       1238 5.807 0.58                          0.9
BURR EZ  163 360  IAML    1239 2.836           113  0.5
AL03AHZ  163 360 EP       1238 5.823 0.59                          0.9
BURR EZ  163 360 ES       1239 8.464 0.64                          0.9
LACI HZ  169 352 EP       1238 5.440-0.67                          0.9
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LACI HN  169 352 ES       1239 9.474 0.05                              0.9
LACI HZ  169 352  IAML    1239 6.098             78  0.4
PHP  HZ  176  12 EP       1238 7.492 0.40                              0.9
PHP  HN  176  12 ES       1239 1.892 0.69                              0.9
PHP  HZ  176  12  IAML    1239 2.550            128  1.0
THL  HZ  182 110 EP       1238 7.884 0.05                              0.9
THL  HE  182 110 ES       1239 2.561 0.02                              0.9
PUK  HZ  212 357 EP       1239 1.776-0.01                              0.9
PUK  HN  212 357 ES       1239 9.503-0.19                              0.9
PUK  HZ  212 357  IAML    1239 8.078             23  0.5
SDA  HZ  217 349 EP       1239 2.444 0.13                              0.9
SDA  HN  217 349 ES       1239 9.475-1.17                              0.9
SDA  HZ  217 349  IAML    1239 9.218             13  0.9
KKS  HZ  218   8 EP       1239 2.587 0.16                              0.9
KKS  HN  218   8 ES       1239 1.815 0.95                              0.9
VLS  HZ  223 167 EP       1239 3.468 0.41                              0.9
VLS  HE  223 167 ES       1239 1.975-0.03                              0.9
AL01AHZ  249 351 EP       1239 6.313-0.20                              0.9
AL01AHN  249 351 ES       1239 7.723-0.52                              0.9
AL01AHZ  249 351  IAML    1239 9.996
THE  HZ  256  77 EP       1239 7.331-0.00                              0.9
THE  HE  256  77 ES       1239 9.141-0.60                              0.9
THE  HZ  256  77  IAML    1239 0.277             20  0.7
NOCI HZ  261 287 EP       1239 7.826-0.12                              0.9
PDG  HZ  263 346 EP       1239 7.787-0.36                              0.9
PDG  HN  263 346 ES       1239 1.243 0.03                              0.9
PDG  HZ  263 346  IAML    1239 2.261             28  1.5
PVY  HZ  273 359 EP       1239 0.137 0.47                              0.8
PVY  HE  273 359 ES       1239 3.607-0.36                              0.8
PEJK HZ  280   4 EP       1239 0.265-0.14                              0.8
PLG  HZ  293  84 EP       1239 2.342 0.28                              0.8
BOSS SZ  333  37 EP       1239 7.439 0.21                              0.8
BARS BZ  334  26 EP       1239 7.138-0.15                              0.8
MRVN HZ  339 289 EP       1239 7.589-0.46                              0.8
ME02AHZ  344 348 EP       1239 8.677-0.05                              0.8
SJES BZ  347 359 EP       1239 9.065-0.09                              0.8
NVR  HZ  352  66 EP       1239 8.743-0.91                              0.8
ITM  HZ  368 153 EP       1239 1.183-0.46                              0.8
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February 23 2024 Hour: 8:55 26.6 Lat: 40.80N Lon: 19.75E D: 17.6 Ag: TIR Local Magnitudes: 3.4ML TIR 3.3MW TIR Rms: 0.4 secs
6 km NE of Roskovec

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STAT CO DIST AZI PHASE  P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO  WT
BPA2 HZ   13 236 EP     C 0855 9.898-0.47                              1.0
BPA2 HN   13 236 ES       0855 3.425-0.03                              1.0
BERA HZ   20 121 EP     D 0855 0.607-0.60                              1.0
BERA HN   20 121 ES       0855 4.031-0.95                              1.0
BERA HZ   20 121  IAML    0855 4.599          3803  0.1
AL04AHZ   28 326 EP       0855 2.836 0.50                              1.0
AL04AHE   28 326 ES       0855 7.763 0.75                              1.0
VLO  HZ   42 210 EP       0855 4.540 0.06                              1.0
VLO  HN   42 210 ES       0855 1.295 0.39                              1.0
VLO  HZ   42 210  IAML    0855 4.446          1742  0.3
AL08AHZ   46  41 EP     D 0855 4.824-0.23                              1.0
AL08AHN   46  41 ES       0855 2.318 0.39                              1.0
MOGL EZ   55 100 EP       0855 6.598-0.06                              1.0
AL05AHZ   55 100 EP     D 0855 6.504-0.16                              1.0
MOGL EN   55 100 ES       0855 5.355 0.51                              1.0
AL05AHN   55 100 ES       0855 5.248 0.40                              1.0
TPE  HZ   60 158 EP     D 0855 6.783-0.64                              1.0
TPE  HN   60 158 ES       0855 6.184-0.03                              1.0
TPE  HZ   60 158  IAML    0855 8.995           370  0.3
TIR  HZ   62   9 EP     C 0855 7.983 0.25                              1.0
TIR  HN   62   9 ES       0855 7.369 0.60                              1.0
```

TIR	HZ	62	9	IAML		0855	2.501			337	0.4			
AL06AHZ		79	179	EP		0855	0.566	0.13						1.0
AL06AHN		79	179	ES		0855	1.733	0.05						1.0
AL07AHZ		80	81	EP		0855	0.219	-0.42						1.0
AL07AHN		80	81	ES		0855	2.239	0.20						1.0
KBN	HZ	90	102	EP	C	0855	2.203	-0.18						1.0
KBN	HN	90	102	ES		0855	5.610	0.41						1.0
KBN	HZ	90	102	IAML		0856	2.573			273	0.9			
AL03AHZ		92	14	EP	D	0855	2.465	-0.22						1.0
AL03AHN		92	14	ES		0855	6.150	0.40						1.0
BURR	EZ	92	14	EP		0855	2.069	-0.62						1.0
BURR	EN	92	14	ES		0855	5.824	0.07						1.0
LACI	HZ	93	359	EP	C	0855	2.416	-0.47						1.0
LACI	HN	93	359	ES		0855	5.955	-0.16						1.0
LACI	HZ	93	359	IAML		0856	0.184			505				
SRN	HZ	104	168	EP		0855	4.900	0.25						1.0
SRN	HN	104	168	ES		0855	9.546	0.25						1.0
SRN	HZ	104	168	IAML		0856	0.832			416	0.5			
PHP	HZ	115	30	EP		0855	5.904	-0.55						1.0
PHP	HN	115	30	ES		0856	2.487	-0.07						1.0
PHP	HZ	115	30	IAML		0856	8.483			255	0.5			
NEST	HZ	118	111	EP		0855	6.766	-0.29						1.0
NEST	HN	118	111	ES		0856	3.858	0.20						1.0
NEST	HZ	118	111	IAML		0856	0.228			322	0.5			
KEK	HZ	120	178	EP		0855	7.420	0.04						1.0
KEK	HN	120	178	ES		0856	4.189	-0.05						1.0
KEK	HZ	120	178	IAML		0856	6.385			527	0.5			
PUK	HZ	139	5	EP	C	0855	0.389	-0.07						1.0
PUK	HN	139	5	ES		0856	9.433	-0.38						1.0
PUK	HZ	139	5	IAML		0856	3.343			127	0.5			
SDA	HZ	141	352	EP	D	0855	0.824	0.16						1.0
SDA	HN	141	352	ES		0856	9.985	-0.21						1.0
SDA	HZ	141	352	IAML		0856	3.333			207	0.5			
KKS	HZ	152	21	EP		0855	2.604	0.13						1.0
KKS	HN	152	21	ES		0856	3.030	-0.43						1.0
AL01AHZ		173	355	EP		0855	5.294	-0.12						0.9
KZN	HZ	180	107	EP		0855	6.924	0.65						0.9
PDG	HZ	186	348	EP		0855	6.927	-0.01						0.9
PDG	HN	186	348	ES		0856	0.585	-0.95						0.9
PDG	HZ	186	348	IAML		0856	1.300			216	0.2			
PVY	HZ	201	5	EP		0855	9.462	0.50						0.9
PEJK	HZ	210	12	EP	C	0856	0.749	0.65						0.9
ME01AHZ		228	3	EP	D	0856	3.064	0.65						0.9

February 24 2024 Hour: 10: 0 37.0 Lat: 40.79N Lon: 19.73E D: 20.2 Ag: TIR Local Magnitudes: 3.8ML TIR 3.7MW TIR Rms: 0.5 secs
5 km N of Roskovec

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BPA2	HZ	12	235	EP	C	1000	0.684	-0.33							1.0
BERA	HZ	21	118	EP	D	1000	1.502	-0.54							1.0
BERA	HN	21	118	ES		1000	4.989	-1.14							1.0
BERA	HZ	21	118	IAML		1000	5.554			5213	0.1				
AL04AHZ		28	330	EP	C	1000	3.862	0.90							1.0
AL04AHE		28	330	ES		1000	7.941	0.14							1.0
VLO	HZ	41	209	EP	C	1000	5.111	0.24							1.0
VLO	HE	41	209	ES		1000	1.329	0.08							1.0
VLO	HZ	41	209	IAML		1000	5.315			4915	0.4				
AL05AHZ		57	99	EP	C	1000	7.632	0.23							1.0
AL05AHE		57	99	ES		1000	6.317	0.47							1.0
MOGL	EZ	57	99	EP	C	1000	7.527	0.13							1.0
MOGL	EE	57	99	ES		1000	5.785	-0.05							1.0
TPE	HZ	60	156	EP		1000	7.973	0.03							1.0
TPE	HN	60	156	ES		1000	6.718	-0.09							1.0
TPE	HZ	60	156	IAML		1001	9.533			2160	1.1				

TIR	HZ	63	10	EP	C	1000	8.616	0.23						1.0
TIR	HE	63	10	ES		1000	8.415	0.80						1.0
TIR	HZ	63	10	IAML		1001	2.593		1046	0.1				
AL06AHZ		78	178	EP		1000	1.363	0.53						1.0
AL06AHE		78	178	ES		1001	2.362	0.31						1.0
AL07AHZ		81	81	EP	C	1000	0.975	-0.40						1.0
AL07AHN		81	81	ES		1001	3.308	0.29						1.0
KBN	HZ	91	101	EP		1000	2.666	-0.41						1.0
KBN	HE	91	101	ES		1001	6.355	0.26						1.0
AL03AHE		93	14	ES		1001	6.598	0.04						1.0
BURR	EZ	93	14	EP		1000	2.760	-0.56						1.0
AL03AHZ		93	14	EP	C	1000	2.446	-0.88						1.0
LACI	HZ	94	359	EP	D	1000	2.815	-0.65						1.0
LACI	HE	94	359	ES		1001	6.863	0.05						1.0
LACI	HZ	94	359	IAML		1001	1.114		892	0.2				
SRN	HZ	104	167	EP		1000	4.891	-0.18						1.0
SRN	HE	104	167	ES		1001	9.821	0.11						1.0
PHP	HZ	116	31	EP		1000	6.097	-0.98						1.0
PHP	HN	116	31	ES		1001	3.499	0.15						1.0
PHP	HZ	116	31	IAML		1001	9.390		907	0.4				
NEST	HZ	119	110	EP		1000	7.944	0.31						1.0
NEST	HE	119	110	ES		1001	4.339	-0.02						1.0
NEST	HZ	119	110	IAML		1001	1.217		749	0.4				
KEK	HZ	120	177	EP		1000	8.449	0.78						1.0
KEK	HE	120	177	ES		1001	3.848	-0.56						1.0
KEK	HZ	120	177	IAML		1001	7.367		1384	0.4				
SCTE	HZ	134	234	EP		1000	9.086	-0.73						1.0
PUK	HZ	140	6	EP	C	1001	1.335	0.47						1.0
PUK	HN	140	6	ES		1001	0.519	0.32						1.0
SDA	HZ	141	352	EP	D	1001	1.524	0.51						1.0
SDA	HN	141	352	ES		1001	9.916	-0.56						1.0
KKS	HZ	153	21	EP		1001	2.475	-0.45						1.0
KKS	HN	153	21	ES		1001	3.705	-0.22						1.0
AL01AHZ		173	355	EP		1001	5.670	0.04						0.9
AL01AHE		173	355	ES		1001	9.039	0.22						0.9
KZN	HZ	181	107	EP	C	1001	7.619	1.05						0.9
KZN	HE	181	107	ES		1001	9.751	-0.77						0.9
PDG	HZ	186	348	EP	C	1001	6.667	-0.45						0.9
PDG	HE	186	348	ES		1001	1.095	-0.43						0.9
PDG	HZ	186	348	IAML		1001	2.180		393	0.4				
PVY	HZ	201	5	EP	C	1001	0.098	0.89						0.9
PVY	HN	201	5	ES		1001	5.365	0.06						0.9
PEJK	HZ	211	12	EP		1001	1.301	0.94						0.9
PEJK	HN	211	12	ES		1001	7.083	-0.31						0.9
ME05AHZ		211	332	EP		1001	0.546	0.18						0.9
ME01AHE		229	3	ES		1001	0.974	-0.56						0.9
NKME	HZ	229	344	EP		1001	2.156	-0.51						0.9
LKD2	HZ	236	160	EP		1001	2.998	-0.56						0.9
LKD2	HE	236	160	ES		1001	3.512	0.33						0.9
THL	HZ	237	124	EP		1001	4.552	0.86						0.9
GMRK	HZ	242	30	EP	C	1001	4.678	0.32						0.9
ME02AHZ		268	349	EP		1001	8.154	0.43						0.9
THE	HZ	274	93	EP		1001	8.626	0.26						0.8
PLG	HZ	318	97	EP		1001	4.262	0.20						0.8
NVR	HZ	353	79	EP		1001	8.721	0.14						0.8
ITM	HZ	444	154	EP		1001	9.228	-0.95						0.7

February 25 2024 Hour: 3: 7 26.0 Lat: 38.94N Lon: 21.29E D: 10.1 Ag: TIR Local Magnitudes: 2.7ML TIR Rms: 0.5 secs
124 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	57	253	EP		0307	6.425	0.05							1.0
LKD2	HE	57	253	ES		0307	4.741	-0.00							1.0
THL	HZ	94	42	EP		0307	3.138	0.72							1.0

THL	HE	94	42	ES		0307	5.566	-0.11						1.0
VLS	HZ	104	216	EP		0307	3.315	-0.88						1.0
SRN	HZ	152	314	EP		0307	2.359	0.15						1.0
SRN	HZ	152	314	IAML		0308	6.146			9	0.5			
KEK	HZ	155	304	EP		0307	2.541	-0.05						1.0
KEK	HZ	155	304	IAML		0308	3.017			74	0.8			
KZN	HZ	157	15	EP		0307	2.904	-0.21						1.0
KZN	HE	157	15	ES		0308	4.152	-0.88						1.0
NEST	HZ	165	353	EP		0307	4.695	0.29						0.9
NEST	HE	165	353	ES		0308	7.922	0.55						0.9
NEST	HZ	165	353	IAML		0308	3.812			40	0.7			
TPE	HZ	186	324	EP		0307	7.280	0.01						0.9
TPE	HZ	186	324	IAML		0308	4.322			33	0.6			
KBN	HZ	192	347	IAML		0308	9.631			7	1.1			
ITM	HZ	203	164	EP		0308	0.384	0.89						0.9
AL05A	HZ	211	339	EP		0308	1.147	0.68						0.9
MOGL	EZ	211	339	EP		0308	0.785	0.33						0.9
BERA	HZ	227	330	EP		0308	2.279	-0.22						0.9
BERA	HZ	227	330	IAML		0308	5.693			19	0.9			
PLG	HZ	244	49	EP		0308	4.185	-0.58						0.9
PHP	HZ	313	347	EP		0308	3.357	-0.29						0.8
NVR	HZ	346	39	EP		0308	7.712	-0.13						0.8
PUK	HZ	364	342	EP		0308	9.687	-0.54						0.8

February 25 2024 Hour: 9:47 43.0 Lat: 38.93N Lon: 21.26E D: 23.6 Ag: TIR Local
Magnitudes: 2.7ML TIR Rms: 0.3 secs
123 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	55	253	EP		0947	3.579	0.34							1.0
LKD2	HE	55	253	ES		0948	1.532	-0.03							1.0
THL	HZ	96	43	EP		0947	9.957	0.29							1.0
THL	HE	96	43	ES		0948	2.795	-0.39							1.0
VLS	HZ	102	215	EP		0948	0.398	-0.30							1.0
VLS	HN	102	215	ES		0948	4.758	-0.30							1.0
SRN	HZ	151	315	EP		0948	7.983	-0.27							1.0
SRN	HN	151	315	ES		0948	8.792	0.06							1.0
SRN	HZ	151	315	IAML		0948	3.727			34	0.5				
KEK	HZ	153	305	EP		0948	8.051	-0.47							1.0
KEK	HN	153	305	ES		0948	9.650	0.44							1.0
KEK	HZ	153	305	IAML		0948	0.079			91	1.0				
KZN	HZ	159	16	EP		0948	9.426	0.09							0.9
KZN	HE	159	16	ES		0948	0.622	-0.07							0.9
NEST	HZ	166	354	IAML		0948	6.733			37	0.6				
ITM	HZ	203	163	EP		0948	5.485	0.53							0.9
PLG	HZ	246	49	EP		0948	0.722	0.19							0.9

February 25 2024 Hour: 9:48 55.1 Lat: 38.90N Lon: 21.30E D: 24.7 Ag: TIR Local
Magnitudes: 2.8ML TIR Rms: 0.4 secs
128 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	58	258	EP		0949	6.008	0.22							1.0
LKD2	HE	58	258	ES		0949	4.257	-0.23							1.0
THL	HZ	96	40	EP		0949	1.566	-0.20							1.0
THL	HE	96	40	ES		0949	5.359	0.06							1.0
VLS	HZ	102	218	EP		0949	2.792	0.06							1.0
VLS	HE	102	218	ES		0949	7.067	0.03							1.0
SRN	HZ	156	314	EP		0949	0.379	-0.50							1.0
SRN	HN	156	314	ES		0949	1.882	0.09							1.0
KEK	HZ	158	305	EP		0949	1.579	0.44							0.9
KEK	HE	158	305	ES		0949	1.939	-0.33							0.9
KEK	HZ	158	305	IAML		0949	2.580			79	0.6				
KZN	HZ	161	14	EP		0949	1.144	-0.47							0.9
KZN	HN	161	14	ES		0949	3.048	-0.07							0.9
NEST	HZ	169	353	EP		0949	3.637	0.94							0.9

NEST	HN	169	353	ES		0949	5.256	0.17						0.9
NEST	HZ	169	353	IAML		0949	3.441			39	0.7			
PLG	HZ	246	48	EP		0949	2.230	-0.22						0.9

February 25 2024 Hour: 10:12 24.1 Lat: 38.94N Lon: 21.24E D: 28.1 Ag: TIR Local
Magnitudes: 2.6ML TIR 3.5MW TIR Rms: 0.3 secs
121 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	53	252	EP		1012	4.679	0.43							1.0
LKD2	HN	53	252	ES		1012	2.136	-0.35							1.0
THL	HZ	97	44	EP		1012	1.295	0.33							1.0
THL	HE	97	44	ES		1012	4.450	-0.20							1.0
VLS	HZ	101	214	EP		1012	1.447	-0.28							1.0
VLS	HE	101	214	ES		1012	5.951	-0.08							1.0
SRN	HZ	149	315	EP		1012	8.518	-0.17							1.0
SRN	HZ	149	315	IAML		1013	3.211			28	0.5				
KEK	HZ	151	305	EP		1012	9.604	0.67							1.0
KEK	HZ	151	305	IAML		1013	7.411			75	0.9				
KZN	HZ	159	17	EP		1012	9.932	-0.10							0.9
KZN	HE	159	17	ES		1013	0.570	-0.48							0.9
NEST	HZ	165	354	IAML		1013	0.080			32	0.6				
PLG	HZ	248	49	EP		1013	1.659	0.28							0.9

February 25 2024 Hour: 10:36 7.3 Lat: 38.89N Lon: 21.30E D: 23.6 Ag: TIR Local
Magnitudes: 2.5ML TIR Rms: 0.3 secs
128 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	57	258	EP		1036	7.947	0.04							1.0
LKD2	HN	57	258	ES		1036	6.580	0.11							1.0
THL	HZ	97	40	EP		1036	4.540	0.32							1.0
THL	HE	97	40	ES		1036	7.429	-0.46							1.0
VLS	HZ	101	218	EP		1036	4.448	-0.36							1.0
VLS	HN	101	218	ES		1036	9.019	0.06							1.0
KEK	HZ	158	306	EP		1036	3.194	-0.31							0.9
KEK	HN	158	306	ES		1036	4.661	-0.04							0.9
KEK	HZ	158	306	IAML		1036	8.085			44	1.0				
NEST	HZ	170	353	EP		1036	5.495	0.32							0.9
NEST	HZ	170	353	IAML		1037	4.448			15	0.7				
PLG	HZ	247	48	EP		1036	5.402	0.44							0.9

February 25 2024 Hour: 11: 4 44.7 Lat: 38.90N Lon: 21.25E D: 23.6 Ag: TIR Local
Magnitudes: 3.4ML TIR 3.7MW TIR Rms: 0.3 secs
125 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	53	257	EP		1104	4.707	-0.10							1.0
LKD2	HE	53	257	ES		1105	3.108	0.15							1.0
THL	HZ	99	41	EP		1105	1.542	-0.35							1.0
THL	HE	99	41	ES		1105	5.479	-0.30							1.0
VLS	HZ	99	216	EP		1105	1.533	-0.45							1.0
VLS	HN	99	216	ES		1105	5.949	0.00							1.0
SRN	HZ	153	316	EP		1105	0.322	0.02							1.0
SRN	HN	153	316	ES		1105	0.353	-0.64							1.0
SRN	HZ	153	316	IAML		1105	9.824			172	0.6				
KEK	HZ	155	306	EP		1105	0.641	0.14							1.0
KEK	HZ	155	306	IAML		1105	1.699			370	0.4				
KZN	HZ	162	16	EP		1105	1.942	0.39							0.9
NEST	HZ	169	354	EP		1105	2.664	0.22							0.9
NEST	HN	169	354	ES		1105	4.571	-0.30							0.9
NEST	HZ	169	354	IAML		1105	3.645			243	0.5				
TPE	HZ	188	326	EP		1105	4.993	0.24							0.9
TPE	HZ	188	326	IAML		1105	3.563			265	0.7				
KBN	HZ	195	348	EP		1105	5.535	-0.27							0.9
KBN	HZ	195	348	IAML		1105	5.667			128	0.5				
PLSA	EZ	199	316	EP		1105	6.198	0.06							0.9

AL05AHZ		214	340	EP		1105	8.343	0.25							0.9
MOGL	EZ	214	340	EP		1105	8.347	0.26							0.9
MOGL	EZ	214	340	IAML		1105	1.783			81	0.3				
AL05AHZ		214	340	IAML		1105	1.757			126	0.4				
BERA	HZ	229	331	EP		1105	9.945	-0.10							0.9
BERA	HZ	229	331	IAML		1105	9.296			122	0.7				
THE	HZ	242	37	EP		1105	1.567	-0.07							0.9
THE	HZ	242	37	IAML		1105	4.255			27	0.7				
PLG	HZ	249	48	EP		1105	2.353	-0.29							0.9
PHP	HZ	317	348	EP		1105	1.606	0.26							0.8
PHP	HZ	317	348	IAML		1106	8.387			35	0.5				
BURR	EZ	318	341	IAML		1106	2.869			68	0.7				
AL03AHZ		318	341	EP		1105	1.382	-0.11							0.8
AL03AHZ		318	341	IAML		1106	2.856			108	0.7				
BURR	EZ	318	341	EP		1105	1.938	0.45							0.8
LACI	HZ	331	337	EP		1105	2.820	-0.23							0.8
LACI	HZ	331	337	IAML		1106	2.633			38	0.7				
NVR	HZ	351	38	EP		1105	6.682	0.94							0.8
PUK	HZ	368	342	EP		1105	7.760	-0.11							0.8
PUK	HZ	368	342	IAML		1106	1.147			24	0.4				
AL01AHZ		409	340	EP		1105	3.531	0.31							0.7
BOSS	SZ	412	14	EP		1105	3.829	0.23							0.7
PVY	HZ	425	345	EP		1105	5.645	0.41							0.7
PDG	HZ	427	337	EP		1105	5.101	-0.24							0.7

February 25 2024 Hour: 11:56 13.7 Lat: 38.86N Lon: 21.31E D: 20.4 Ag: TIR Local
Magnitudes: 2.8ML TIR Rms: 0.4 secs
131 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	57	262	EP		1156	4.284	0.08							1.0
LKD2	HE	57	262	ES		1156	2.815	0.11							1.0
VLS	HZ	99	220	EP		1156	0.367	-0.58							1.0
VLS	HN	99	220	ES		1156	5.048	0.13							1.0
THL	HZ	99	38	EP		1156	1.166	0.14							1.0
THL	HE	99	38	ES		1156	4.686	-0.37							1.0
SRN	HZ	160	316	EP		1156	1.024	0.60							0.9
SRN	HN	160	316	ES		1157	2.120	0.06							0.9
KEK	HZ	161	306	EP		1156	0.664	0.05							0.9
KEK	HN	161	306	ES		1157	1.622	-0.80							0.9
KEK	HZ	161	306	IAML		1157	6.165			49	0.6				
NEST	HZ	174	353	EP		1156	3.015	0.65							0.9

February 25 2024 Hour: 12:59 37.3 Lat: 38.90N Lon: 21.28E D: 16.6 Ag: TIR Local
Magnitudes: 2.5ML TIR Rms: 0.5 secs
126 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	55	257	EP		1259	7.323	-0.05							1.0
LKD2	HE	55	257	ES		1259	5.760	0.26							1.0
THL	HZ	97	41	EP		1259	4.546	0.29							1.0
THL	HN	97	41	ES		1300	7.534	-0.44							1.0
VLS	HZ	101	217	EP		1259	5.036	0.18							1.0
VLS	HE	101	217	ES		1300	8.455	-0.60							1.0
SRN	HZ	154	315	EP		1300	3.967	0.36							1.0
SRN	HN	154	315	ES		1300	4.061	-0.83							1.0
KEK	HZ	156	306	EP		1300	4.575	0.69							1.0
KEK	HZ	156	306	IAML		1300	5.165			45	0.8				
NEST	HZ	169	353	EP		1300	5.913	0.18							0.9
NEST	HZ	169	353	IAML		1300	5.910			13	0.6				

February 27 2024 Hour: 7: 7 26.1 Lat: 42.76N Lon: 19.02E D: 18.2 Ag: TIR Local Magnitudes: 2.9ML TIR 3.2MW TIR Rms: 0.4 secs
69 km NW of Koplik

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NKME	HZ	6	282	EP		0707	9.706	0.14							1.0
NKME	HN	6	282	ES		0707	2.560	0.21							1.0
PDG	HZ	41	152	EP		0707	3.802	-0.15							1.0
PDG	HE	41	152	ES		0707	9.616	-0.67							1.0
ME02AHZ		45	10	EP		0707	4.230	-0.45							1.0
ME02AHE		45	10	ES		0707	1.794	0.18							1.0
ME05AHZ		53	232	EP		0707	5.140	-0.77							1.0
ME05AHN		53	232	ES		0707	3.902	0.08							1.0
AL01AHZ		63	136	EP		0707	7.828	0.32							1.0
AL01AHN		63	136	ES		0707	6.683	-0.04							1.0
ME01AHZ		71	82	EP		0707	9.351	0.54							1.0
ME01AHN		71	82	ES		0707	9.318	0.23							1.0
ME03AHZ		71	22	EP		0707	8.590	-0.31							1.0
ME03AHE		71	22	ES		0707	9.350	0.12							1.0
PVY	HZ	79	103	EP		0707	0.548	0.39							1.0
PVY	HN	79	103	ES		0707	1.751	0.24							1.0
SDA	HZ	88	153	EP		0707	1.474	-0.07							1.0
SDA	HE	88	153	ES		0707	3.863	-0.16							1.0
SJES	BZ	96	54	EP		0707	3.229	0.29							1.0
SJES	BE	96	54	ES		0707	6.063	-0.48							1.0
PEJK	HZ	104	97	EP		0707	4.523	0.28							1.0
PEJK	HN	104	97	ES		0707	8.584	-0.32							1.0
PUK	HZ	107	138	EP		0707	4.827	0.06							1.0
PUK	HE	107	138	ES		0707	9.771	-0.09							1.0
LACI	HE	137	155	ES		0708	8.442	-0.19							1.0
LACI	HZ	137	155	IAML		0708	2.021			87	0.5				
KKS	HZ	137	123	EP		0707	0.041	0.46							1.0
KKS	HN	137	123	ES		0708	8.362	-0.21							1.0
LACI	HZ	137	155	EP		0707	9.176	-0.44							1.0
BURR	EZ	152	147	EP		0707	2.474	0.50							1.0
AL03AHZ		152	147	EP		0707	2.150	0.18							1.0
AL03AHN		152	147	ES		0708	3.047	0.15							1.0
BURR	EZ	152	147	ES		0708	2.638	-0.26							1.0
AL02AHZ		153	168	EP		0707	2.895	0.78							1.0
PHP	HZ	167	135	EP		0707	4.917	0.82							0.9
PHP	HN	167	135	ES		0708	6.864	0.12							0.9
PHP	HZ	167	135	IAML		0708	4.105			83	0.7				
TIR	HZ	171	156	EP		0707	4.885	0.29							0.9
TIR	HN	171	156	ES		0708	7.682	0.04							0.9
TIR	HZ	171	156	IAML		0708	1.838			31	0.4				
GMRK	HZ	180	93	EP		0707	5.191	-0.67							0.9
AL04AHZ		199	167	EP		0707	8.176	-0.00							0.9
AL08AHZ		204	154	EP		0707	8.186	-0.62							0.9
BARS	BZ	229	87	EP		0708	1.266	-0.70							0.9
BARS	BE	229	87	ES		0708	1.157	0.17							0.9
BARS	BZ	229	87	IAML		0708	3.788			26	1.1				
AL05AHZ		255	153	EP		0708	5.358	0.04							0.9
MOGL	EZ	255	153	EP		0708	5.075	-0.24							0.9
BLY	HZ	266	327	EP		0708	6.680	-0.10							0.9
BOSS	SZ	284	95	EP		0708	8.279	-0.77							0.8
SCTE	HZ	302	189	EP		0708	2.081	0.79							0.8
NEST	HZ	310	146	EP		0708	2.744	0.25							0.8
NEST	HZ	310	146	IAML		0709	2.321			19	0.5				

February 27 2024 Hour: 17:10 25.5 Lat: 38.90N Lon: 21.30E D: 24.2 Ag: TIR Local
Magnitudes: 2.5ML TIR Rms: 0.3 secs
128 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	57	258	EP		1710	6.263	0.11							1.0
LKD2	HE	57	258	ES		1710	4.464	-0.35							1.0
THL	HZ	96	39	EP		1710	2.815	0.53							1.0
THL	HE	96	39	ES		1710	5.590	-0.31							1.0
VLS	HZ	101	218	EP		1710	2.831	-0.20							1.0
VLS	HE	101	218	ES		1710	7.176	-0.08							1.0
SRN	HZ	157	315	EP		1710	1.780	0.38							1.0
SRN	HN	157	315	ES		1711	2.308	-0.09							1.0
KEK	HZ	158	305	EP		1710	2.113	0.47							0.9
KEK	HN	158	305	ES		1711	2.954	0.11							0.9
KEK	HZ	158	305	IAML		1711	8.270			39	0.4				
KZN	HZ	162	14	EP		1710	2.107	-0.06							0.9
KZN	HN	162	14	ES		1711	3.315	-0.47							0.9
NEST	HZ	170	353	EP		1710	3.506	0.25							0.9
NEST	HE	170	353	ES		1711	5.413	-0.34							0.9
NEST	HZ	170	353	IAML		1711	2.942			21	0.3				
AL05AHZ		216	339	EP		1710	8.892	-0.13							0.9
AL05AHN		216	339	ES		1711	6.394	0.20							0.9

February 27 2024 Hour: 22:37 35.4 Lat: 41.22N Lon: 20.30E D: 14.5 Ag: TIR Local
Magnitudes: 3.3ML TIR 3.3MW TIR Rms: 0.4 secs
5 km NW of Librazhd

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AL08AHZ		21	231	EP	C	2237	9.442	-0.53							1.0
AL08AHN		21	231	ES		2237	4.134	0.50							1.0
TIR	HZ	39	291	EP	C	2237	2.427	-0.28							1.0
TIR	HE	39	291	ES		2237	7.984	-0.60							1.0
TIR	HZ	39	291	IAML		2237	0.991			947	0.3				
AL07AHZ		48	138	EP		2237	4.305	0.01							1.0
AL07AHE		48	138	ES		2237	1.421	-0.03							1.0
AL03AHN		49	330	ES		2237	1.838	0.33							1.0
BURR	EZ	49	330	EP	C	2237	4.608	0.29							1.0
BURR	EZ	49	330	ES		2237	1.637	0.14							1.0
AL03AHZ		49	330	EP	D	2237	4.457	0.14							1.0
PHP	HZ	53	13	EP	C	2237	5.122	0.14							1.0
PHP	HE	53	13	ES		2237	2.729	0.01							1.0
PHP	HZ	53	13	IAML		2237	4.058			1124	0.2				
AL05AHN		58	172	ES		2237	4.414	0.01							1.0
MOGL	EZ	58	172	EP		2237	5.821	-0.10							1.0
MOGL	EE	58	172	ES		2237	4.477	0.08							1.0
MOGL	EZ	58	172	IAML	A	2237	9.431			432	0.6				
AL05AHZ		58	172	EP	C	2237	5.657	-0.26							1.0
BERA	HZ	65	207	EP	D	2237	6.413	-0.60							1.0
BERA	HE	65	207	ES		2237	6.189	-0.19							1.0
BERA	HZ	65	207	IAML		2238	2.157			469	0.3				
AL04AHZ		66	249	EP	C	2237	7.943	0.69							1.0
LACI	HZ	67	314	EP	C	2237	6.822	-0.48							1.0
LACI	HE	67	314	ES		2237	6.692	-0.20							1.0
LACI	HZ	67	314	IAML		2238	1.680			660	0.4				
KBN	HZ	78	148	EP	C	2237	9.577	0.28							1.0
KBN	HE	78	148	ES		2238	0.391	-0.12							1.0
BPA2	HZ	79	226	EP		2237	8.607	-0.78							1.0
KKS	HZ	95	5	EP	C	2237	1.640	-0.33							1.0
KKS	HE	95	5	ES		2238	5.342	-0.00							1.0
PUK	HZ	97	340	EP	D	2237	2.564	0.18							1.0
PUK	HE	97	340	ES		2238	6.484	0.38							1.0
TPE	HZ	106	193	EP		2237	3.873	0.03							1.0
TPE	HN	106	193	ES		2238	9.341	0.60							1.0
TPE	HZ	106	193	IAML		2238	6.866			354	0.4				

VLO	HZ	108	219	EP		2237	4.402	0.26						1.0
VLO	HN	108	219	ES		2238	9.319	0.04						1.0
VLO	HZ	108	219	IAML		2238	7.557			220	0.5			
NEST	HZ	110	145	EP		2237	5.073	0.51						1.0
NEST	HN	110	145	ES		2238	9.514	-0.54						1.0
NEST	HZ	110	145	IAML		2238	2.902			346	0.5			
SDA	HZ	113	324	EP		2237	4.984	-0.06						1.0
SDA	HN	113	324	ES		2238	1.037	0.12						1.0
SDA	HZ	113	324	IAML		2238	5.758			118	0.3			
PLSA	EZ	131	206	EP		2237	8.876	0.92						1.0
PLSA	EZ	131	206	ES		2238	6.545	0.35						1.0
AL01AHZ		139	334	EP	C	2237	9.064	-0.39						1.0
AL01AHE		139	334	ES		2238	8.661	-0.24						1.0
SRN	HZ	151	190	EP		2238	2.403	1.01						1.0
SRN	HN	151	190	ES		2238	1.780	-0.62						1.0
PVY	HZ	155	350	EP		2238	1.666	-0.36						1.0
PVY	HN	155	350	ES		2238	3.207	-0.35						1.0
PEJK	HZ	158	359	EP		2238	1.807	-0.62						0.9
PEJK	HE	158	359	ES		2238	3.536	-0.74						0.9
PDG	HZ	159	328	EP	C	2238	2.213	-0.41						0.9
PDG	HN	159	328	ES		2238	5.034	0.41						0.9
PDG	HZ	159	328	IAML		2238	8.994			218	0.2			
KZN	HZ	161	129	EP		2238	3.251	0.31						0.9
KEK	HZ	173	194	EP		2238	4.939	0.41						0.9
KEK	HN	173	194	ES		2238	7.222	-0.86						0.9
KEK	HZ	173	194	IAML		2238	2.474			207	0.3			
GMRK	HZ	177	25	EP		2238	5.439	0.35						0.9
GMRK	HN	177	25	ES		2238	8.990	-0.10						0.9
ME01AHZ		183	349	EP		2238	6.601	0.69						0.9
ME01AHN		183	349	ES		2238	0.498	-0.08						0.9
SCTE	HZ	201	231	EP		2238	7.817	-0.25						0.9
NKME	HZ	204	327	EP		2238	8.758	0.17						0.9
NKME	HN	204	327	ES		2238	5.255	-0.19						0.9
BARS	BZ	217	35	EP		2238	0.660	0.50						0.9
BARS	BN	217	35	ES		2238	9.045	0.76						0.9
BARS	BZ	217	35	IAML		2238	9.725			58	1.7			
SJES	BE	228	353	ES		2238	1.930	0.92						0.9
SJES	BZ	228	353	IAML		2238	5.348			974	0.6			
BOSS	SZ	229	51	EP		2238	2.054	0.35						0.9
BOSS	SE	229	51	ES		2238	0.789	-0.29						0.9
THE	HZ	234	105	EP		2238	1.948	-0.37						0.9
THL	HZ	235	141	EP		2238	2.482	0.05						0.9
THL	HE	235	141	ES		2238	2.104	-0.29						0.9
LKD2	HZ	272	173	EP		2238	7.203	-0.05						0.9
LKD2	HE	272	173	ES		2238	1.668	0.55						0.9
PLG	HZ	282	109	EP		2238	8.075	-0.43						0.8
NVR	HZ	299	86	EP		2238	0.170	-0.56						0.8
VLS	HZ	339	176	EP		2238	5.063	-0.78						0.8
BLY	HZ	467	328	EP		2238	2.664	0.50						0.7
ITM	HZ	471	162	EP		2238	2.939	0.26						0.7

February 28 2024 Hour: 3:43 22.4 Lat: 38.95N Lon: 21.46E D: 7.5 Ag: TIR Local Magnitudes: 2.6ML TIR Rms: 0.6 secs
135 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	72	256	EP		0343	5.736	0.47							1.0
LKD2	HN	72	256	ES		0343	5.862	0.17							1.0
THL	HZ	84	35	EP		0343	7.251	-0.01							1.0
THL	HE	84	35	ES		0343	9.101	-0.21							1.0
VLS	HZ	114	222	EP		0343	1.946	-0.43							1.0
VLS	HE	114	222	ES		0343	7.938	-0.63							1.0
KZN	HZ	153	10	EP		0343	8.480	-0.43							1.0
KZN	HN	153	10	ES		0344	0.131	-0.26							1.0
SRN	HZ	163	310	EP		0343	0.918	0.49							0.9

SRN	HE	163	310	ES		0344	2.949	-0.18						0.9
SRN	HZ	163	310	IAML		0344	5.894			9	0.6			
KEK	HZ	166	301	EP		0343	0.983	-0.08						0.9
KEK	HE	166	301	ES		0344	3.432	-0.85						0.9
KEK	HZ	166	301	IAML		0344	6.734			49	0.5			
NEST	HZ	167	348	EP		0343	1.636	0.49						0.9
NEST	HN	167	348	ES		0344	4.282	-0.16						0.9
NEST	HZ	167	348	IAML		0344	8.466			33	0.7			
AL06A	HZ	193	311	EP		0343	4.800	-0.07						0.9
AL06A	HN	193	311	ES		0344	1.452	0.28						0.9
TPE	HZ	194	321	EP		0343	5.391	0.42						0.9
TPE	HE	194	321	ES		0344	1.921	0.56						0.9
TPE	HZ	194	321	IAML		0344	0.519			26	0.6			
KBN	HZ	195	343	EP		0343	5.123	0.01						0.9
KBN	HN	195	343	ES		0344	1.204	-0.41						0.9
KBN	HZ	195	343	IAML		0344	0.180			5	0.9			
ITM	HZ	201	168	EP		0343	5.512	-0.32						0.9
ITM	HE	201	168	ES		0344	3.356	0.44						0.9
AL05A	HZ	215	335	EP		0343	8.872	1.14						0.4
MOGL	EZ	215	335	EP		0343	9.014	1.28						0.4
BERA	HZ	234	327	EP		0344	0.363	0.33						0.9
BERA	HZ	234	327	IAML		0344	6.160			12	0.4			
PHP	HZ	316	344	EP		0344	0.907	0.27						0.8
PHP	HZ	316	344	IAML		0344	7.489			9	1.1			
NVR	HZ	336	37	EP		0344	0.422	-2.83						0.2
AL01A	HZ	410	337	EP		0344	0.439	-2.38						0.2

February 28 2024 Hour: 4:27 12.0 Lat: 38.97N Lon: 20.50E D: 16.3 Ag: TIR Local
Magnitudes: 2.5ML TIR 3.0MW TIR Rms: 0.4 secs
81 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	25	146	EP		0427	7.323	0.13							1.0
LKD2	HN	25	146	ES		0427	1.303	-0.11							1.0
VLS	HZ	89	175	EP		0427	8.031	0.50							1.0
VLS	HE	89	175	ES		0427	9.911	-0.21							1.0
KEK	HZ	102	324	EP		0427	9.627	-0.10							1.0
KEK	HN	102	324	ES		0427	3.741	-0.36							1.0
KEK	HZ	102	324	IAML		0427	7.161			56	0.3				
SRN	HZ	109	337	EP		0427	0.456	-0.51							1.0
SRN	HN	109	337	ES		0427	6.253	-0.09							1.0
SRN	HZ	109	337	IAML		0427	0.752			10	0.2				
AL06A	HZ	139	333	EP		0427	6.004	0.06							1.0
AL06A	HE	139	333	ES		0427	6.255	0.91							1.0
THL	HZ	147	63	EP		0427	6.911	-0.16							1.0
THL	HN	147	63	ES		0427	7.501	0.11							1.0
PLSA	EZ	152	331	EP		0427	8.801	0.80							1.0
PLSA	EN	152	331	ES		0427	8.597	-0.48							1.0
TPE	HZ	153	344	EP		0427	8.159	0.13							1.0
TPE	HN	153	344	ES		0427	8.778	-0.35							1.0
TPE	HZ	153	344	IAML		0428	3.910			34	0.2				
NEST	HZ	167	16	EP		0427	0.320	0.13							0.9
NEST	HN	167	16	ES		0428	2.810	-0.23							0.9
NEST	HZ	167	16	IAML		0428	0.066			25	0.6				
KZN	HZ	184	36	EP		0427	2.811	0.44							0.9
KBN	HZ	185	8	EP		0427	2.298	-0.18							0.9
KBN	HZ	185	8	IAML		0428	1.508			5	0.6				
MOGL	EZ	193	357	EP		0427	3.781	0.37							0.9
AL05A	HZ	193	357	EP		0427	3.691	0.27							0.9
BERA	HZ	198	346	EP		0427	4.245	0.22							0.9
BERA	HZ	198	346	IAML		0428	5.315			21	0.2				
ITM	HZ	235	147	EP		0427	8.201	-0.66							0.9
PHP	HZ	301	359	EP		0427	6.578	-0.78							0.8
PUK	HZ	345	352	EP		0428	1.449	-1.52							0.2

February 28 2024 Hour: 5:11 0.1 Lat: 38.74N Lon: 20.58E D: 11.8 Ag: TIR Local
Magnitudes: 2.5ML TIR Rms: 0.6 secs
108 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	9	48	EP		0511	2.597	-0.18							1.0
LKD2	HN	9	48	ES		0511	4.409	-0.52							1.0
VLS	HZ	62	180	EP		0511	0.753	-0.46							1.0
VLS	HN	62	180	ES		0511	0.144	-0.06							1.0
KEK	HZ	128	328	EP		0511	2.842	0.70							1.0
KEK	HE	128	328	ES		0511	1.179	1.19							1.0
KEK	HZ	128	328	IAML		0511	3.218			40	0.2				
SRN	HZ	136	339	EP		0511	3.948	0.38							1.0
SRN	HE	136	339	ES		0511	2.595	0.02							1.0
SRN	HZ	136	339	IAML		0511	3.223			9	0.5				
THL	HZ	154	53	EP		0511	6.362	-0.13							1.0
THL	HN	154	53	ES		0511	8.423	0.56							1.0
AL06A	HZ	166	335	EP		0511	8.204	-0.31							0.9
AL06A	HN	166	335	ES		0511	0.920	-0.59							0.9
PLSA	EZ	179	333	EP		0511	0.456	0.21							0.9
PLSA	EN	179	333	ES		0511	4.141	-0.50							0.9
TPE	HZ	180	344	EP		0511	9.752	-0.58							0.9
TPE	HE	180	344	ES		0511	3.823	-0.99							0.9
TPE	HZ	180	344	IAML		0511	8.642			23	0.3				
NEST	HZ	190	12	EP		0511	1.127	-0.69							0.9
ITM	HZ	209	145	EP		0511	4.608	0.46							0.9
ITM	HE	209	145	ES		0512	2.063	0.34							0.9
MOGL	EZ	219	356	EP		0511	6.215	0.79							0.9
AL05A	HZ	219	356	EP		0511	6.252	0.83							0.9
BERA	HZ	225	346	EP		0511	5.699	-0.41							0.9
BERA	HZ	225	346	IAML		0512	3.583			18	0.4				