

Seismological Bulletin

from the

Albanian Seismic Network (ASN)

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2020

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GENERAL BULLETIN INFORMATION

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

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

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

Magnitudes are calculated from amplitudes.

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

$$M_l = 1.0 \cdot \log(A) + 1.11 \cdot \log(D) + 0.00189 \cdot D - 2.9$$

where, D is the hypocentral distance (km).

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

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

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

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

STATIONS USED

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

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

REGIONAL STATIONS

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

MACROSEISMIC DATA

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

Abbreviations:

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

LAT: Latitude of epicenter

LON: Longitude of epicenter

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

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

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

RMS: Root mean square value of travel time residuals

STAT: Station code

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

DIST: Epicenter distance (km)

AZI: Azimuth from source to station

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

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

HR: Hour

MN: Minute

SECON: Seconds

TRES: Residual (seconds)

CODA: Signal duration in seconds

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

PERI: Period where amplitude is measured

BAZ: Back azimuth (station to event)

ARES: Back azimuth residual

VELO: Apparent phase velocity (km/sec)

WT: Weight of phase in the location

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

References:

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

October 1 2020 Hour: 0:15 15.3 Lat: 40.13N Lon: 19.84E D: 6.0 Ag: TIR Regional
 Magnitudes: 1.6ML TIR 1.6ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN		30	153	Sg		015	25.68	-.000							
SRN		30	153	Pg	C	015	21.21	-.000							
SRN		30	153	IAML		015	26.63			179	0.3				
KEK		46	185	Sg		015	29.75	0.000							
KEK		46	185	Pg	D	015	22.86	-.700							
IGT		78	147	Sg		015	39.40	0.000							
IGT		78	147	Pg		015	29.07	0.000							

October 1 2020 Hour: 5:18 15.1 Lat: 41.46N Lon: 19.72E D: 10.9 Ag: TIR Regional
 Magnitudes: 2.0ML TIR 2.0ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		18	134	Sg		518	21.33	0.000							
TIR		18	134	Pg	C	518	18.65	-.000							
TIR		18	134	IAML		518	24.31			1500	0.5				
TIR		18	134	IAML		518	23.79			1214	0.3				
PHP		65	0	Pg	C	518	26.24	0.000							
PHP		66	67	Sg		518	34.97	0.000							
PHP		66	67	IAML		518	40.22			71	0.9				
SDA		68	345	Sg		518	36.28	0.000							
SDA		68	345	Pg		518	27.23	0.000							
SDA		68	345	IAML		518	40.30			36	0.4				

October 1 2020 Hour: 6:22 1.7 Lat: 39.26N Lon: 20.56E D: 2.0 Ag: TIR Regional
 Magnitudes: 2.3ML TIR 2.3ML TIR Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT		36	327	Sg		622	13.71	-.000							
IGT		36	327	Pg		622	8.36	-.200							
KEK		82	308	Sg		622	26.75	-1.10							
KEK		82	308	Pg		622	15.62	-1.00							
SRN		83	325	Sg		622	28.94	0.200							
SRN		83	325	Pg		622	16.63	-.500							
SRN		83	325	IAML		622	33.24			214	0.4				
LSK		98	1	Sg		622	32.77	0.500							
LSK		98	1	Pg		622	19.19	-.000							
THL		129	74	Sg		622	39.95	-1.90							
THL		129	74	Pg		622	24.44	-.200							
KLV		193	133	Sn		623	0.42	0.300							
KLV		193	133	Pn		622	35.46	0.400							

October 1 2020 Hour: 8:31 6.2 Lat: 39.33N Lon: 20.25E D: 2.0 Ag: TIR Regional
 Magnitudes: 2.2ML TIR 2.2ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT		23	17	Sg		831	13.05	-1.30							
IGT		23	17	Pg		831	10.81	-.100							
IGT		23	17	IAML		831	13.50			750	0.2				
KEK		58	319	Sg		831	24.79	-.100							
KEK		58	319	Pg		831	16.77	-.100							
SRN		65	342	Sg		831	27.56	-.100							
SRN		65	342	Pg		831	18.11	-.400							
LSK		97	18	Sg		831	36.37	0.100							
LSK		97	18	Pg		831	23.44	0.100							

October 1 2020 Hour: 16:44 35.0 Lat: 40.17N Lon: 19.90E D: 21.9 Ag: TIR Regional
 Magnitudes: 1.0ML TIR 1.0ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN		32	164	S		1644	47.10	0.000							
SRN		32	164	P		1644	41.92	0.000							
SRN		32	164	IAML		1644	50.54			36	0.2				
KEK		51	190	S		1644	51.02	-.400							
KEK		51	190	P		1644	44.43	0.000							

IGT	79	152	S	1644	59.41-	.000									
IGT	79	152	P	1644	48.990	.000									
IGT	79	152	IAML	1645	4.23									0.3	

October 2 2020 Hour: 0:31 47.6 Lat: 40.98N Lon: 19.81E D: 10.0 Ag: TIR Regional
Magnitudes: 1.6ML TIR 1.6ML TIR Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		41	6	Sg		032	0.790	.100							
TIR		41	6	Pg		031	55.140	.000							
TIR		41	6	IAML		032	6.88			71	0.4				
TIR		41	6	IAML		032	4.98			71	0.4				
KBN		91	115	Sg		032	16.10	1.10							
KBN		91	115	Pg	C	032	3.03-	.200							
PHP		95	33	Sg		032	15.59-	.600							
PHP		95	33	Pg	C	032	2.64-	1.30							
PHP		95	33	IAML		032	19.58			71	0.3				
LSK		113	143	Sg		032	22.600	.300							
LSK		113	143	Pg		032	8.96	1.50							
SDA		122	348	Sn		032	25.480	.600							
SDA		122	348	Pn		032	10.04	1.10							
SDA		122	348	IAML		032	26.50			36	0.5				
KEK		140	181	Sg		032	29.41-	.700							
KEK		140	181	Pg		032	11.38-	.500							
IGT		167	164	Sn		032	37.460	.100							
IGT		167	164	Pn		032	16.910	.900							
PDG		168	345	Sg		032	37.14-	.400							
PDG		168	345	Pg		032	16.230	.100							

October 2 2020 Hour: 0:44 12.0 Lat: 39.28N Lon: 20.80E D: 5.6 Ag: TIR Regional
Magnitudes: 1.9ML TIR 1.9ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT		49	305	Sg		044	27.420	.100							
IGT		49	305	Pg		044	20.840	.100							
IGT		49	305	IAML		044	31.15			143	0.2				
SRN		95	315	Sg		044	40.36-	1.60							
SRN		95	315	Pg		044	28.45-	.600							
SRN		95	315	IAML		044	41.07			71	0.2				
LSK		98	351	Sg		044	41.65-	.200							
LSK		98	351	Pg	C	044	29.150	.100							
KEK		98	300	Sg		044	42.01-	.200							
KEK		98	300	Pg		044	28.60-	.700							
THL		109	73	Pg		044	31.13-	.100							
KBN		149	0	Sg		044	56.35-	.100							
KBN		149	0	Pg		044	37.510	.100							
KLV		181	138	Pn		044	46.08	3.00							

October 2 2020 Hour: 0:58 42.8 Lat: 41.45N Lon: 19.60E D: 7.0 Ag: TIR Regional
Magnitudes: 1.2ML TIR 1.2ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		25	116	Sg		058	50.78-	.000							
TIR		25	116	Pg	D	058	47.380	.000							
TIR		25	116	IAML		058	51.39			143	0.2				
TIR		25	116	IAML		058	51.48			107	0.3				
SDA		68	353	Sg		059	3.770	.000							
SDA		68	353	Pg		058	54.16-	.600							
SDA		68	353	IAML		059	5.45				0.3				
PHP		75	0	Pg		058	54.880	.000							
PHP		75	69	Sg		059	5.390	.000							
PHP		75	69	IAML		059	8.07				0.2				

October 2 2020 Hour: 1:56 50.7 Lat: 41.45N Lon: 19.58E D: 11.2 Ag: TIR Regional
 Magnitudes: 1.5ML TIR 1.5ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR			0	Pg	C	156	56.260	.000							
TIR		27	114	Sg		156	59.590	.100							
TIR		27	114	IAML		157	0.19			214	0.3				
TIR		27	114	IAML		157	0.23			143	0.3				
SDA		67	355	Sg		157	11.710	.100							
SDA		67	355	Pg	D	157	2.37-	.300							
SDA		67	355	IAML		157	16.08				0.2				
PHP		77	69	Sg		157	13.90-	.100							
PHP		77	69	Pg		157	3.31-	.700							
PHP		77	69	IAML		157	19.53			36	0.5				
PDG		112	347	Sg		157	25.96	1.00							
PDG		112	347	Pg		157	10.470	.200							

October 2 2020 Hour: 9:53 49.3 Lat: 41.01N Lon: 19.86E D: 29.1 Ag: TIR Regional
 Magnitudes: 3.0ML TIR 3.0ML TIR Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		38	0	P		953	55.710	.000							
TIR		38	0	Sg		954	1.97-	1.20							
TIR		38	0	IAML		954	5.76			1179	0.4				
VLO		68	208	Sg		954	10.060	.600							
VLO		68	208	Pg		954	0.70-	.100							
VLO		68	208	IAML		954	13.51			3786	0.5				
KBN		89	118	Sg		954	15.920	.200							
KBN		89	118	Pg		954	3.33-	1.10							
PHP		89	32	Sg		954	16.870	.600							
PHP		89	32	Pg		954	3.05-	1.70							
PHP		89	32	IAML		954	18.08			714	0.3				
LSK		113	146	Sg		954	24.14	1.00							
LSK		113	146	Pg		954	8.850	.200							
SDA		120	346	Sg		954	25.700	.600							
SDA		120	346	P		954	9.69-	.100							
SDA		120	346	IAML		954	27.09			393	0.3				
SRN		126	174	Sg		954	26.86-	.400							
SRN		126	174	Pg		954	10.42-	.600							
SRN		126	174	IAML		954	30.88			429	0.6				
PDG		166	343	S		954	37.06-	.300							
PDG		166	343	Pg		954	16.31-	.400							
IGT		168	166	Sg		954	37.56-	.400							
IGT		168	166	P		954	17.330	.200							
NOCI		237	266	Sn		954	50.48-	3.70							
NOCI		237	266	P		954	26.850	.500							

October 3 2020 Hour: 2:38 16.6 Lat: 41.00N Lon: 19.86E D: 27.9 Ag: TIR Regional
 Magnitudes: 2.4ML TIR 2.4ML TIR Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		39	0	Pg		238	24.170	.000							
TIR		39	0	Sg		238	29.77-	.700							
TIR		39	0	IAML		238	35.23			321	0.5				
VLO		67	208	Sg		238	39.93	3.50							
VLO		67	208	Pg		238	28.790	.800							
VLO		67	208	IAML		238	41.04			464	0.3				
VLO		67	208	IAML		238	42.40			500	0.2				
KBN		89	117	Sg		238	43.140	.300							
KBN		89	117	Pg		238	31.32-	.300							
KBN		89	117	IAML		238	51.45			107	0.5				
PHP		90	32	Sg		238	44.420	.700							
PHP		90	32	Pg		238	31.47-	.600							
PHP		90	32	IAML		238	50.26			107	0.6				
LSK		113	146	Sg		238	50.470	.200							
LSK		113	146	Pg		238	35.03-	.800							

SDA	121	346	Sg	238	55.45	2.80											
SDA	121	346	Pg	238	38.30	1.10											
SRN	125	174	Sg	238	54.710	.300											
SRN	125	174	Pg	238	38.230	.000											
SRN	125	174	IAML	238	59.84					143	0.5						
KEK	143	183	Sg	238	58.04	-.700											
KEK	143	183	Pg	238	39.79	-.900											
PDG	167	343	Sg	239	4.82	-.100											
PDG	167	343	Pg	238	44.18	-.000											
IGT	168	166	Sn	239	5.460	.300											
IGT	168	166	Pn	238	45.32	1.00											
NOCI	237	266	Pn	238	51.31	-2.40											
THL	242	130	Pn	238	54.10	-.400											

October 3 2020 Hour: 20: 0 37.8 Lat: 40.16N Lon: 19.88E D: 18.1 Ag: TIR Regional
Magnitudes: 2.0ML TIR 2.0ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
SRN		32	161	Sg		20	0	49.600	.000								
SRN		32	161	Pg		20	0	44.830	.300								
SRN		32	161	IAML		20	0	51.04		286	0.4						
KEK		50	189	Sg		20	0	53.82	-.000								
KEK		50	189	Pg		20	0	46.71	-.300								
LSK		61	90	Sg		20	0	56.84	-.000								
LSK		61	90	Pg		20	0	48.52	-.200								
IGT		79	150	Sg		20	1	2.33	-.100								
IGT		79	150	Pg		20	0	52.330	.500								
IGT		79	150	IAML		20	1	6.47		71	0.2						
LKD2		166	156	Sg		20	1	26.41	-.100								
LKD2		166	156	Pg		20	1	6.65	1.00								
LKD2		166	156	IAML		20	1	27.97		107	0.5						
THL		195	109	Sn		20	1	30.68	-3.60								
THL		195	109	Pn		20	1	10.01	-.100								

October 4 2020 Hour: 1:22 44.9 Lat: 39.59N Lon: 20.36E D: 40.8 Ag: TIR Regional
Magnitudes: 1.9ML TIR 1.9ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
IGT		7	205	S		122	54.38	-1.90									
IGT		7	205	P		122	51.370	.000									
IGT		7	205	IAML		122	55.23			1607	0.3						
SRN		45	317	S		123	2.08	-.500									
SRN		45	317	P		122	55.010	.000									
SRN		45	317	IAML		123	1.92			143	0.5						
KEK		50	287	S		123	3.230	.000									
KEK		50	287	P		122	55.360	.000									
KEK		50	287	S		123	3.230	.000									
KEK		50	287	P		122	55.350	.000									
LSK		66	17	S		123	4.98	-1.60									
LSK		66	17	P		122	57.250	.000									
KBN		120	17	S		123	23.18	3.60									
KBN		120	17	IAML		123	34.23			36	0.9						

October 4 2020 Hour: 1:53 32.6 Lat: 40.23N Lon: 20.78E D: 16.6 Ag: TIR Regional
Magnitudes: 1.6ML TIR 1.6ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
LSK		18	242	S		153	38.92	-.500									
LSK		18	242	P		153	36.510	.000									
KBN		45	0	S		153	46.030	.000									
KBN		45	0	IAML		153	50.40				0.4						
SRN		77	241	P		153	46.580	.000									
SRN		77	241	S		153	57.060	.000									
SRN		77	241	IAML		153	58.17			179	2.9						
IGT		87	207	S		153	59.200	.000									
IGT		87	207	P		153	47.76	-.000									
IGT		87	207	IAML		154	5.49			36	1.9						

October 4 2020 Hour: 17:48 17.9 Lat: 40.94N Lon: 20.49E D: 7.6 Ag: TIR Regional
Magnitudes: 1.8ML TIR 1.8ML TIR Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN		43	144	Sg		1748	31.080	.300							
KBN		43	144	Pg		1748	24.56	-.700							
PHP		82	358	Sg		1748	43.030	.300							
PHP		82	358	Pg		1748	31.95	-.200							
PHP		82	358	IAML		1748	48.17			71	0.6				
LSK		89	174	Sg		1748	45.170	.200							
LSK		89	174	Pg		1748	35.79	2.40							

October 4 2020 Hour: 17:51 24.5 Lat: 40.94N Lon: 20.54E D: 2.0 Ag: TIR Regional
Magnitudes: 2.6ML TIR 2.6ML TIR Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN		40	149	Sg		1751	37.180	.100							
KBN		40	149	P		1751	31.710	.100							
KBN		40	149	IAML		1751	38.94			4964	0.3				
TIR		72	309	Sg		1751	48.060	.500							
TIR		72	309	Pg		1751	37.47	-.200							
TIR		72	309	IAML		1751	53.59			179	0.6				
PHP		83	355	S		1751	49.96	-.300							
PHP		83	355	P		1751	38.15	-1.10							
PHP		83	355	IAML		1751	54.79			393	0.9				
LSK		88	176	Sg		1751	51.22	-.600							
LSK		88	176	P		1751	39.30	-.800							
SRN		126	202	Sg		1752	3.40	-.900							
SRN		126	202	Pg		1751	46.56	-.600							
SRN		126	202	IAML		1752	7.73			393	1.0				
SDA		151	326	S		1752	10.35	-.800							
SDA		151	326	P		1751	51.470	.400							
SDA		151	326	IAML		1752	15.48			143	0.7				
IGT		157	187	S		1752	13.380	.600							
IGT		157	187	Pg		1751	51.26	-.800							

October 5 2020 Hour: 14:57 52.8 Lat: 39.98N Lon: 23.12E D: 25.2 Ag: TIR Regional
Magnitudes: 4.1ML TIR 3.1MC TIR 4.1ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THE		73	350	S		1458	15.41	-.200							
THE		73	350	P		1458	6.050	.200							
THE		73	350	IAML		1458	21.98			4286	0.4				
THE		73	350	END	A	1459	0.64		54						
THE		73	350	A	A	1459	0.64				54.6				
THL		106	245	S		1458	24.600	.100							
THL		106	245	P		1458	10.92	-.000							
THL		106	245	IAML		1458	29.78			1839000	0.4				
THL		106	245	END	A	1459	28.46		77						
THL		106	245	A	A	1459	28.46				77.5				
KBN		211	291	S		1458	51.560	.200							
KBN		211	291	P		1458	25.87	-.400							
KBN		211	291	END	A	15 0	1.14		95						
KBN		211	291	A	A	15 0	1.14				95.3				
LSK		216	276	P		1458	27.26	-.000							
LSK		216	276	END		15 0	20.61		113						
LSK		216	276	A		15 0	20.61				99.9				
IGT		245	260	S		1458	59.70	-.200							
IGT		245	260	P		1458	31.330	.200							
IGT		245	260	END		15 0	15.80		104						
IGT		245	260	A		15 0	15.80				99.9				
LKD2		250	239	P		1458	31.83	-.100							
LKD2		250	239	END		15 0	12.61		100						
LKD2		250	239	A		15 0	12.61				99.9				
SRN		267	269	S		1459	4.84	-1.00							
SRN		267	269	P		1458	34.560	.000							

SRN	267	269	IAML	1459	25.16				893	0.8
SRN	267	269	END	15	0	26.87		112		
SRN	267	269	A	15	0	26.87			99.9	
KEK	286	266	P	1458	35.82	-.900				
KEK	286	266	END	15	0	33.27		117		
KEK	286	266	A	15	0	33.27			99.9	
PHP	295	311	P	1458	36.99	-.500				
PHP	295	311	END	15	0	25.48		108		
PHP	295	311	A	15	0	25.48			99.9	
SDA	381	309	P	1458	49.68	0.300				
SDA	381	309	END	15	0	33.83		104		
SDA	381	309	A	15	0	33.83			99.9	

October 6 2020 Hour: 0:56 41.9 Lat: 40.53N Lon: 20.62E D: 7.4 Ag: TIR Regional
Magnitudes: 2.0ML TIR 2.0ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN		18	54	Sg		056	47.07	0.000							
KBN		18	54	Pg	C	056	44.82	-.000							
KBN		18	54	IAML		056	47.97			500	0.1				
LSK		42	183	Sg		056	55.04	-.000							
LSK		42	183	Pg		056	49.41	-.000							
IGT		113	193	Sg		057	16.77	0.000							
IGT		113	193	Pg		057	1.39	-.400							
PHP		129	354	Sg		057	21.97	1.20							
PHP		129	354	Pg		057	4.09	-.000							

October 6 2020 Hour: 7:22 5.8 Lat: 41.51N Lon: 19.52E D: 7.1 Ag: TIR Regional
Magnitudes: 1.7ML TIR 1.7ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		35	0	P		722	12.38	0.000							
TIR		35	122	S		722	16.67	-.000							
TIR		35	122	IAML		722	16.87			179	0.2				
SDA		60	359	S		722	24.35	-.000							
SDA		60	359	P		722	16.40	0.000							
SDA		60	359	IAML		722	26.75			71	0.2				
PHP		79	75	S		722	29.71	0.000							
PHP		79	75	P		722	18.43	-1.00							
PHP		79	75	IAML		722	33.81			71	0.3				
PDG		105	349	S		722	37.64	-.000							

October 6 2020 Hour: 9:42 25.2 Lat: 41.51N Lon: 19.37E D: 7.0 Ag: TIR Regional
Magnitudes: 1.6ML TIR 1.6ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		45	0	P		942	34.26	0.000							
TIR		46	113	S		942	39.43	-.000							
TIR		46	113	IAML		942	39.42			107	0.3				
SDA		61	9	S		942	44.12	-.000							
PHP		91	77	S		942	52.78	0.000							
PHP		91	77	P		942	40.98	0.000							
PHP		91	77	IAML		942	53.82			36	0.5				

October 6 2020 Hour: 17:21 20.3 Lat: 35.57N Lon: 22.13E D: 7.0 Ag: TIR Regional
Magnitudes: 4.6ML TIR 4.6ML TIR Rms: 3.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ITM		179	355	Sn		1722	19.62	5.80							
ITM		179	355	Pn		1721	58.58	7.70							
KLV		275	0	Sn		1722	39.64	2.20							
KLV		275	0	Pn		1722	11.38	7.00							
IDI		315	0	Pn		1722	2.97	0.000							
IDI		252	96	Sn		1722	27.05	-5.50							
LKD2		380	341	Sn		1723	4.06	2.10							
LKD2		380	341	Pn		1722	24.19	5.80							
THL		443	359	Sn		1723	16.03	-.600							
THL		443	359	Pn		1722	31.14	4.40							

IGT	467	341	Sn	1723	19.57-2.60												
IGT	467	341	Pn	1722	33.90 4.00												
IGT	467	341	IAML	1723	22.57					429	0.3						
KEK	504	337	Sn	1723	25.69-4.90												
KEK	504	337	Pn	1722	36.56 1.80												
SRN	514	340	Sn	1723	27.18-6.40												
SRN	514	340	Pn	1722	39.16 2.70												
SRN	514	340	IAML	1723	32.29					786	0.2						
LSK	526	346	Sn	1723	34.59-.900												
LSK	526	346	Pn	1722	42.05 4.50												
ARG	546	80	Sn	1723	28.20-10.0												
ARG	546	80	Pn	1722	38.56-1.80												
KBN	573	349	Pn	1722	48.66 5.20												
TIP	622	312	Sn	1723	52.10-5.90												
TIP	622	312	Pn	1722	52.91 2.50												
CEL	632	301	Sn	1723	54.42-5.70												
CEL	632	301	Pn	1722	54.12 2.50												
TIR	671	344	Sn	1724	2.65-6.70												
TIR	671	344	Pn	1722	58.26 1.40												
TIR	671	344	IAML	1724	8.25					179	0.3						
TIR	671	344	IAML	1724	7.43					286	0.4						
WDD	691	275	Sn	1724	6.77-7.00												
WDD	691	275	Pn	1723	1.12 1.70												
PHP	694	349	Sn	1724	7.74-6.50												
PHP	694	349	Pn	1723	1.12 1.50												
PHP	694	349	IAML	1724	15.03					321	0.5						
VAE	728	290	Pn	1723	7.01 2.50												
NOCI	729	325	Sn	1724	14.37-8.60												
NOCI	729	325	Pn	1723	5.110.500												
NOCI	729	325	IAML	1724	19.49					643	0.1						
CUC	742	314	Pn	1723	8.25 1.90												
MRVN	801	322	Pn	1723	13.90-.100												
MRVN	801	322	IAML	1724	34.97					179	0.2						
SDA		0	IAML	1724	24.95					250	0.2						

October 7 2020 Hour: 5:36 11.3 Lat: 39.87N Lon: 20.10E D: 22.3 Ag: TIR Regional
Magnitudes: 1.4ML TIR 1.4ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN		8	275	Sg		536	16.520	.100							
SRN		8	275	Pg		536	14.17-	.100							
SRN		8	275	IAML		536	17.01			321	0.1				
KEK		31	236	Sg		536	22.20-	.100							
KEK		31	236	Pg		536	16.09-	1.50							
IGT		43	152	Sg		536	25.510	.000							
IGT		43	152	Pg		536	19.35-	.000							
IGT		43	152	IAML		536	28.31			36	0.2				

October 7 2020 Hour: 15:26 58.5 Lat: 40.44N Lon: 20.96E D: 7.0 Ag: TIR Regional
Magnitudes: 1.6ML TIR 1.6ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN		26	325	S		1527	5.16-	.700							
KBN		26	325	P		1527	2.690	.000							
KBN		26	325	IAML		1527	5.61			393	0.1				
LSK		45	224	S		1527	12.330	.000							
LSK		45	224	P		1527	6.370	.000							
SRN		102	234	S		1527	30.62-	.000							
SRN		102	234	IAML		1527	32.33			36	0.4				
IGT		115	209	S		1527	33.48-	.000							
IGT		115	209	IAML		1527	37.56				0.5				

October 7 2020 Hour: 18:15 49.6 Lat: 41.48N Lon: 19.50E D: 35.1 Ag: TIR Regional
Magnitudes: 2.4ML TIR 2.4ML TIR Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		33	0	P		1815	57.800	.000							
TIR		33	116	S		1816	3.42	-.000							
TIR		33	116	IAML		1816	3.52			571	0.4				
SDA		63	0	S		1816	10.31	-.000							
SDA		63	0	P		1816	0.99	-.500							
SDA		63	0	IAML		1816	14.52			286	0.3				
SDA		63	0	IAML		1816	13.76			179	0.2				
PHP		81	73	S		1816	14.23	-.400							
PHP		81	73	P		1816	4.01	0.100							
PHP		81	73	IAML		1816	19.30			536	0.6				
PDG		107	350	S		1816	20.81	-1.10							
PDG		107	350	P		1816	9.00	0.900							
KBN		145	131	S		1816	35.50	4.80							
KBN		145	131	P		1816	13.28	0.200							
KBN		145	131	IAML		1816	41.99			71	0.6				
LSK		175	147	S		1816	38.56	-.300							
LSK		175	147	P		1816	19.53	1.80							
SRN		182	166	S		1816	41.87	0.200							
SRN		182	166	P		1816	18.29	-1.10							
SRN		182	166	IAML		1816	54.45			107	0.7				
KEK		198	172	P		1816	20.94	-.100							
NOCI		219	251	S		1816	47.55	-1.70							
NOCI		219	251	P		1816	23.90	0.200							
IGT		228	161	S		1816	52.43	1.00							
IGT		228	161	P		1816	27.35	2.40							
MRVN		281	262	P		1816	31.61	-.300							
LKD2		315	161	S		1817	11.89	0.300							
LKD2		315	161	P		1816	37.03	0.600							
BZS		490	19	P		1816	57.94	-1.80							

October 7 2020 Hour: 19:50 18.5 Lat: 41.54N Lon: 19.57E D: 7.2 Ag: TIR Regional
Magnitudes: 1.2ML TIR 1.2ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		32	0	P		1950	24.39	0.000							
TIR		32	130	S		1950	28.85	0.000							
TIR		32	130	IAML		1950	29.50			71	0.2				
SDA		58	354	S		1950	36.37	0.000							
SDA		58	354	P		1950	28.70	-.000							
SDA		58	354	IAML		1950	37.92			36	0.5				
PHP		75	77	S		1950	42.31	1.40							
PHP		75	77	P		1950	31.33	0.000							
PHP		75	77	IAML		1950	46.42			36	0.5				
PDG		102	346	S		1950	51.68	1.80							
PDG		102	346	P		1950	36.47	0.000							

October 7 2020 Hour: 22:13 4.2 Lat: 41.50N Lon: 19.36E D: 2.0 Ag: TIR Regional
Magnitudes: 4.0ML TIR 4.0ML TIR Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		46	111	Sg		2213	18.57	-.600							
TIR		46	111	Pg		2213	13.07	0.400							
TIR		46	111	IAML		2213	28.42			12714	0.5				
SDA		62	10	Sg		2213	23.90	-.200							
SDA		62	10	Pg		2213	16.19	0.700							
SDA		62	10	IAML		2213	39.84			15893	0.8				
SDA		62	10	IAML		2213	31.92			15036	0.5				
PHP		92	76	Sg		2213	31.53	-1.20							
PHP		92	76	Pg		2213	19.28	-1.20							
PHP		92	76	IAML		2213	37.92			19393	0.5				
PDG		103	356	Sg		2213	36.88	0.400							
PDG		103	356	Pg		2213	23.11	0.500							

VLO	116	174	Sg	2213	42.53	3.70									
VLO	116	174	Pg	2213	28.16	4.20									
VLO	116	174	IAML	2213	54.51				10286	0.6					
KBN	155	128	Sn	2213	51.500	.600									
KBN	155	128	Pn	2213	31.590	.700									
KBN	155	128	IAML	2214	2.29				2536	0.6					
LSK	183	144	Sn	2214	0.58	1.20									
LSK	183	144	Pn	2213	36.490	.800									
SRN	188	162	Sn	2214	0.94	-.800									
SRN	188	162	Pn	2213	36.01	-1.00									
SRN	188	162	IAML	2214	12.92				2750	0.8					
KEK	202	169	Pn	2213	36.56	-2.30									
IGT	234	159	Sn	2214	13.730	.500									
IGT	234	159	Pn	2213	42.30	-1.30									
MRVN	269	261	Pn	2213	46.99	-1.40									

October 7 2020 Hour: 22:16 12.0 Lat: 41.60N Lon: 19.55E D: 3.3 Ag: TIR Regional
Magnitudes: 2.6ML TIR 2.6ML TIR Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR			0	Pg		2216	18.480	.000							
TIR		39	136	Sg		2216	23.78	-1.00							
TIR		39	136	IAML		2216	24.11			643	0.4				
TIR		39	136	IAML		2216	25.09			750	0.4				
SDA		50	356	Sg		2216	28.260	.200							
SDA		50	356	Pg		2216	21.200	.000							
SDA		50	356	IAML		2216	32.06			429	0.5				
PHP		75	82	Sg		2216	35.640	.500							
PHP		75	82	Pg		2216	24.64	-.600							
PHP		75	82	IAML		2216	42.25			714	0.5				
PDG		95	346	Sg		2216	41.22	-.400							
PDG		95	346	Pg		2216	28.87	-.000							
VLO		126	182	Sg		2216	49.870	.100							
VLO		126	182	Pg		2216	33.820	.200							
VLO		126	182	IAML		2217	0.54			607	0.3				
KBN		151	135	Sn		2216	57.670	.200							
KBN		151	135	Pn		2216	38.720	.700							
SRN		196	168	Sn		2217	1.69	-9.70							
SRN		196	168	Pn		2216	40.34	-5.60							
NOCI		227	248	Pn		2216	46.26	-4.20							
NOCI		227	248	IAML		2217	24.69			214	0.3				

October 7 2020 Hour: 22:25 37.7 Lat: 41.50N Lon: 19.49E D: 23.8 Ag: TIR Regional
Magnitudes: 3.1ML TIR 3.1ML TIR Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		36	0	Pg		2225	45.820	.000							
TIR		36	117	Sg		2225	50.340	.500							
TIR		36	117	IAML		2225	50.82			2393	0.2				
TIR		36	117	IAML		2225	50.72			2571	0.5				
SDA		61	0	Sg		2225	56.17	-.800							
SDA		61	0	Pg		2225	48.28	-.400							
SDA		61	0	IAML		2225	59.08			1000	0.3				
PHP		82	75	Sg		2226	2.670	.300							
PHP		82	75	Pg		2225	51.840	.100							
PHP		82	75	IAML		2226	9.79			2571	0.8				
PDG		106	350	Sg		2226	10.110	.900							
PDG		106	350	Pg		2225	55.38	-.300							
VLO		115	179	Pg		2226	0.06	3.60							
VLO		115	179	IAML		2226	27.15			1536	0.3				
KBN		147	131	Sg		2226	24.79	4.90							
KBN		147	131	Pg		2226	4.86	3.10							
KBN		147	131	IAML		2226	27.14			429	0.6				
LSK		177	147	Sg		2226	29.330	.600							
LSK		177	147	Pg		2226	10.08	3.20							
SRN		185	166	Sg		2226	31.36	-.300							

SRN	185	166	Pg	2226	8.850.300									
KEK	200	172	Pn	2226	8.87-1.40									
NOCI	218	250	Sn	2226	39.83 1.00									
NOCI	218	250	Pn	2226	12.37-.300									
NOCI	218	250	IAML	2226	52.08				500	0.4				
IGT	230	161	Sn	2226	40.88-.700									
IGT	230	161	Pn	2226	14.610.400									

October 7 2020 Hour: 22:37 56.2 Lat: 41.57N Lon: 19.50E D: 25.2 Ag: TIR Regional
Magnitudes: 2.7ML TIR 2.7ML TIR Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		39	0	Pg		2238	2.970.000								
TIR		39	129	Sg		2238	8.89-.900								
TIR		39	129	IAML		2238	8.72			821	0.4				
SDA		53	0	Sg		2238	13.12-.500								
SDA		53	0	Pg		2238	5.66-.500								
SDA		53	0	IAML		2238	15.47			286	0.1				
SDA		53	0	IAML		2238	15.48			214	0.2				
PHP		79	80	Sg		2238	19.51-.600								
PHP		79	80	Pg		2238	9.09-.800								
PHP		79	80	IAML		2238	24.14			429	0.6				
PDG		98	349	Sg		2238	27.47 1.70								
PDG		98	349	Pg		2238	13.04-.000								
VLO		122	181	Pg		2238	17.63 1.40								
VLO		122	181	IAML		2238	40.55			464	0.3				
KBN		150	133	Sn		2238	40.330.700								
KBN		150	133	Pn		2238	21.740.700								
KBN		150	133	IAML		2238	44.32			143	0.6				
LSK		182	149	Sn		2238	50.07 1.50								
LSK		182	149	Pn		2238	26.270.200								
SRN		192	167	Sn		2238	51.01-.800								
SRN		192	167	Pn		2238	26.08-1.90								
SRN		192	167	IAML		2238	57.78			143	0.7				
NOCI		222	248	Pn		2238	31.840.200								
NOCI		222	248	IAML		2239	10.48			107	0.4				
IGT		237	162	Pn		2238	32.11-1.40								

October 7 2020 Hour: 22:52 19.8 Lat: 41.53N Lon: 19.42E D: 25.0 Ag: TIR Regional
Magnitudes: 2.7ML TIR 2.7ML TIR Rms: 1.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		42	118	Sg		2252	32.71-1.30								
TIR		42	118	Pg		2252	27.36-.600								
TIR		42	118	IAML		2252	33.89			964	0.4				
SDA		59	5	Sg		2252	37.70-.800								
SDA		59	5	Pg		2252	29.80-.700								
SDA		59	5	IAML		2252	39.73			250	0.5				
PHP		87	77	Sg		2252	45.37-.300								
PHP		87	77	Pg		2252	33.47-1.10								
PHP		87	77	IAML		2252	48.88			821	0.6				
PDG		101	353	Sg		2252	52.39 2.10								
PDG		101	353	Pg		2252	37.340.100								
VLO		118	177	Pg		2252	42.45 3.40								
KBN		152	130	Sg		2253	5.01 1.40								
KBN		152	130	Pg		2252	46.17 1.30								
LSK		182	146	Sg		2253	13.71 1.60								
LSK		182	146	Pg		2252	51.57 1.90								
SRN		189	164	Sn		2253	12.11-2.60								
SRN		189	164	Pn		2252	50.38-.800								
SRN		189	164	IAML		2253	20.17			143	0.5				
NOCI		215	249	Pn		2252	53.97-.200								
IGT		235	160	Sn		2253	23.08-1.50								
IGT		235	160	Pn		2252	56.34-.500								

October 7 2020 Hour: 22:55 15.8 Lat: 41.58N Lon: 19.52E D: 2.0 Ag: TIR Regional
Magnitudes: 2.7ML TIR 2.7ML TIR Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA		37	138	Sg		2255	28.440	.500							
BERA		37	138	Pg		2255	22.820	.100							
TIR		38	0	Pg		2255	22.880	.000							
TIR		39	131	Sg		2255	27.56	-1.20							
TIR		39	131	IAML		2255	28.89			1821	0.4				
TIR		39	131	IAML		2255	32.13			1286	0.4				
SDA		52	359	Sg		2255	32.900	.200							
SDA		52	359	Pg		2255	25.42	-.000							
SDA		52	359	IAML		2255	35.20			821	0.4				
PHP		78	81	Sg		2255	39.66	-.200							
PHP		78	81	Pg		2255	28.99	-.600							
PHP		78	81	IAML		2255	43.03			1179	0.4				
PDG		97	348	Sg		2255	46.290	.200							
PDG		97	348	Pg		2255	32.77	-.300							
VLO		123	181	Sg		2255	52.85	-.100							
VLO		123	181	Pg		2255	38.23	1.20							
KBN		151	134	Sg		2256	1.680	.300							
KBN		151	134	Pg		2255	42.170	.300							
LSK		183	149	Sn		2256	12.36	1.20							
LSK		183	149	Pg		2255	47.800	.400							
SRN		193	167	Pg		2255	48.03	-1.50							
KEK		209	173	Pn		2255	46.20	-5.40							
NOCI		224	248	Pn		2255	53.43	-.500							

October 7 2020 Hour: 23: 2 47.3 Lat: 41.56N Lon: 19.61E D: 2.0 Ag: TIR Regional
Magnitudes: 1.5ML TIR 1.5ML TIR Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		32	0	Pg		23 2	53.780	.000							
TIR		32	138	Sg		23 2	57.97	-.300							
TIR		32	138	IAML		23 2	58.16			143	0.2				
TIR		32	138	IAML		23 2	58.27			107	0.2				
SDA		55	351	Sg		23 3	3.90	-1.10							
SDA		55	351	Pg		23 2	56.95	-.500							
SDA		55	351	IAML		23 3	6.05				0.2				
PHP		71	78	Sg		23 3	9.28	-.100							
PHP		71	78	Pg		23 2	59.54	-.400							
PHP		71	78	IAML		23 3	15.53			36	0.4				
PDG		100	344	Sg		23 3	18.810	.100							
PDG		100	344	Pg		23 3	5.480	.200							

October 7 2020 Hour: 23:11 9.4 Lat: 41.55N Lon: 19.51E D: 9.8 Ag: TIR Regional
Magnitudes: 1.5ML TIR 1.5ML TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		37	0	Pg		2311	16.020	.000							
TIR		37	127	Sg		2311	21.430	.200							
TIR		37	127	IAML		2311	21.04			107	0.2				
SDA		56	359	Sg		2311	26.990	.300							
SDA		56	359	Pg		2311	18.68	-.600							
SDA		56	359	IAML		2311	28.78			36	0.2				
PHP		79	78	Sg		2311	33.05	-.100							
PHP		79	78	Pg		2311	22.57	-.400							
PHP		79	78	IAML		2311	40.07			71	0.7				
PDG		100	348	Sg		2311	40.360	.400							
PDG		100	348	Pg		2311	27.060	.200							
LSK		181	149	S		2312	3.510	.700							
SRN		190	167	Pg		2311	41.84	-.100							
SRN		190	167	Sn		2312	1.62	-4.80							
IGT		235	162	Sn		2312	10.56	-6.40							
IGT		235	162	Pn		2311	47.46	-.600							

October 7 2020 Hour: 23:23 29.5 Lat: 41.54N Lon: 19.55E D: 11.7 Ag: TIR Regional
Magnitudes: 1.6ML TIR 1.6ML TIR Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		33	0	Pg		2323	36.320	.000							
TIR		35	129	Sg		2323	40.620	.100							
TIR		35	129	IAML		2323	40.92			143	0.2				
TIR		35	129	IAML		2323	41.02			143	0.4				
SDA		57	356	Sg		2323	46.99	-.300							
SDA		57	356	Pg		2323	39.03	-.600							
SDA		57	356	IAML		2323	48.87			36	0.3				
SDA		57	356	IAML		2323	50.01			36	0.2				
PHP		76	77	Sg		2323	52.740	.200							
PHP		76	77	Pg		2323	42.53	-.100							
PHP		76	77	IAML		2323	56.01			107	0.2				
PDG		101	347	Pg		2323	41.87	-5.40							
PDG		101	347	Sg		2324	1.260	.600							
KBN		146	133	Sg		2324	12.03	-.300							
KBN		146	133	Pg		2323	53.44	-.500							
KBN		146	133	IAML		2324	16.18			36	1.1				
SRN		188	168	Sn		2324	21.08	-4.60							
SRN		188	168	Pn		2324	2.93	1.30							
NOCI		225	249	Pn		2324	6.29	-.200							
IGT		232	163	Sn		2324	30.09	-6.10							
IGT		232	163	Pn		2324	0.88	-6.70							

October 7 2020 Hour: 23:44 57.3 Lat: 41.54N Lon: 19.43E D: 25.2 Ag: TIR Regional
Magnitudes: 3.5ML TIR 3.5ML TIR Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		42	0	Pg		2345	4.960	.000							
TIR		42	120	Sg		2345	10.23	-1.50							
TIR		42	120	IAML		2345	11.59			7821	0.2				
SDA		57	5	Sg		2345	16.080	.600							
SDA		57	5	Pg		2345	7.52	-.200							
SDA		57	5	IAML		2345	17.56			3393	0.4				
PHP		86	79	Sg		2345	21.82	-1.20							
PHP		86	79	Pg		2345	11.20	-.800							
PHP		86	79	IAML		2345	26.55			7750	0.9				
PDG		99	353	Sg		2345	27.840	.500							
PDG		99	353	Pg		2345	14.16	-.300							
VLO		119	177	Pg		2345	19.79	2.90							
KBN		153	131	Sg		2345	42.54	1.10							
KBN		153	131	Pg		2345	23.77	1.30							
LSK		183	147	Sg		2345	52.02	2.10							
LSK		183	147	Pg		2345	28.44	1.10							
SRN		191	165	Sg		2345	49.80	-2.80							
SRN		191	165	Pg		2345	28.11	-.800							
KEK		206	171	Pn		2345	28.26	-2.20							
NOCI		216	248	Pn		2345	31.01	-.800							
IGT		236	160	Pn		2345	34.10	-.400							

October 8 2020 Hour: 0:5 43.7 Lat: 41.60N Lon: 19.56E D: 9.2 Ag: TIR Regional
Magnitudes: 2.6ML TIR 2.6ML TIR Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA		37	144	Pg		0 5	49.99	-.400							
BERA		37	144	Sg		0 5	55.15	-.200							
TIR		38	0	Pg		0 5	49.770	.000							
TIR		38	137	Sg		0 5	54.66	-1.30							
TIR		38	137	IAML		0 5	55.57			857	0.4				
TIR		38	137	IAML		0 5	55.46			750	0.4				
SDA		50	355	Sg		0 6	0.49	1.10							
SDA		50	355	Pg		0 5	52.46	-.200							
SDA		50	355	IAML		0 6	3.42			643	0.5				
PHP		75	82	Sg		0 6	6.750	.600							

PHP	75	82	Pg	0	5	55.79-	.800										
PHP	75	82	IAML	0	6	11.39				1036	0.6						
PDG	95	346	Sg	0	6	13.490.	.600										
PDG	95	346	Pg	0	5	59.35-	1.10										
VLO	126	183	Sg	0	6	22.06	1.10										
VLO	126	183	Pg	0	6	6.45	1.40										
KBN	150	136	Sg	0	6	29.06	1.00										
KBN	150	136	Pg	0	6	8.86-	.200										
KBN	150	136	IAML	0	6	39.01				214	0.8						
LSK	183	151	Sg	0	6	38.760.	.700										
LSK	183	151	Pg	0	6	13.80-	1.00										
SRN	195	168	Sg	0	6	33.39-	8.70										
SRN	195	168	Pg	0	6	12.84-	4.20										
SRN	195	168	IAML	0	6	46.08				107	0.6						
NOCI	228	248	Pn	0	6	20.38-	1.10										

October 8 2020 Hour: 1:38 11.2 Lat: 41.58N Lon: 19.51E D: 2.0 Ag: TIR Regional
Magnitudes: 1.5ML TIR 1.5ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
BERA		37	137	Pg		138	17.92-	.300									
BERA		37	137	Sg		138	23.01-	.400									
TIR		38	0	Pg		138	18.170.	.000									
TIR		39	130	Sg		138	23.92-	.200									
TIR		39	130	IAML		138	25.03			143	0.2						
SDA		52	359	Sg		138	28.05-	.300									
SDA		52	359	Pg		138	20.57-	.400									
SDA		52	359	IAML		138	31.47			71	0.3						
SDA		52	359	IAML		138	31.07			71	0.3						
PHP		78	80	Sg		138	35.480.	.000									
PHP		78	80	Pg		138	24.44-	.600									
PHP		78	80	IAML		138	42.82			71	0.6						
PDG		97	348	Sg		138	41.63-	.000									
PDG		97	348	Pg		138	28.700.	.100									
KBN		150	134	Sg		138	57.070.	.200									
KBN		150	134	Pg		138	37.370.	.100									

October 8 2020 Hour: 2:40 56.0 Lat: 41.50N Lon: 19.52E D: 25.0 Ag: TIR Regional
Magnitudes: 1.9ML TIR 1.9ML TIR Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
TIR		33	0	Pg		241	3.370.	.000									
TIR		33	120	Sg		241	7.47-	.600									
TIR		33	120	IAML		241	8.14			214	0.2						
SDA		61	358	Sg		241	14.70-	.800									
SDA		61	358	Pg		241	6.20-	1.00									
SDA		61	358	IAML		241	18.23			36	0.3						
PHP		79	74	Sg		241	19.72-	.200									
PHP		79	74	Pg		241	9.870.	.200									
PHP		79	74	IAML		241	27.22			107	0.6						
PDG		106	349	Sg		241	28.710.	.900									
PDG		106	349	Pg		241	14.01-	.200									
VLO		115	182	Pg		241	18.54	3.60									
LSK		176	148	Sn		241	50.87	4.30									
LSK		176	148	Pn		241	27.54	2.60									
SRN		185	167	Sg		241	48.47-	1.30									
SRN		185	167	Pg		241	26.24-	.500									
KEK		200	173	Sn		241	50.26-	2.60									
NOCI		221	250	Pn		241	31.21-	.100									

October 8 2020 Hour: 2:53 59.9 Lat: 40.47N Lon: 20.85E D: 12.6 Ag: TIR Regional
Magnitudes: 1.9ML TIR 1.9ML TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN		18	344	Sg		254	5.580	.000							
KBN		18	344	Pg		254	3.380	.200							
KBN		18	344	IAML		254	6.87			500	0.2				
LSK		41	211	Sg		254	11.50	-1.40							
LSK		41	211	Pg		254	7.05	-.300							
SRN		98	228	Sg		254	29.00	-1.40							
SRN		98	228	Pg		254	17.30	-.100							
SRN		98	228	IAML		254	36.56			36	0.6				
IGT		113	204	Sg		254	34.580	.200							
IGT		113	204	Pg		254	20.200	.600							
KEK		122	228	Pg		254	21.930	.800							
KEK		122	228	Sg		254	36.64	-.500							
PHP		139	346	Sn		254	41.390	.200							
PHP		139	346	Pn		254	22.83	-.700							
THL		141	134	Sn		254	42.500	.100							
THL		141	134	Pn		254	23.75	-.400							

October 8 2020 Hour: 6:18 34.3 Lat: 40.54N Lon: 20.56E D: 6.9 Ag: TIR Regional
Magnitudes: 1.8ML TIR 1.3MC TIR 1.8ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN		22	65	S		618	40.630	.000							
KBN		22	65	P		618	37.90	-.000							
KBN		22	65	IAML		618	40.95			286	0.4				
KBN		22	65	END	A	618	53.97		16						
KBN		22	65	A	A	618	53.97				16.1				
LSK		43	175	S		618	47.870	.000							
LSK		43	175	P		618	42.080	.000							
LSK		43	175	END	A	619	9.44		27						
LSK		43	175	A	A	619	9.44				27.4				

October 8 2020 Hour: 6:49 7.4 Lat: 40.60N Lon: 20.47E D: 7.0 Ag: TIR Regional
Magnitudes: 1.3ML TIR 1.4MC TIR 1.3ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN		28	84	S		649	15.510	.000							
KBN		28	84	P		649	11.99	-.100							
KBN		28	84	IAML		649	16.38			71	0.2				
KBN		28	84	END	A	649	30.92		18						
KBN		28	84	A	A	649	30.92				18.9				
LSK		51	167	S		649	23.25	-.000							
LSK		51	167	P		649	16.550	.000							
LSK		51	167	END	A	649	45.28		28						
LSK		51	167	A	A	649	45.28				28.7				

October 8 2020 Hour: 6:53 34.2 Lat: 40.52N Lon: 20.59E D: 6.9 Ag: TIR Regional
Magnitudes: 1.5ML TIR 1.3MC TIR 1.5ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN		20	54	S		653	40.08	-.000							
KBN		20	54	P		653	37.630	.000							
KBN		20	54	IAML		653	41.08			143	0.2				
KBN		20	54	END	A	653	52.50		14						
KBN		20	54	A	A	653	52.50				14.9				
LSK		41	179	S		653	46.970	.000							
LSK		41	179	P		653	41.47	-.000							
LSK		41	179	END	A	654	14.39		32						
LSK		41	179	A	A	654	14.39				32.9				

October 8 2020 Hour: 7:14 8.6 Lat: 40.46N Lon: 20.79E D: 5.5 Ag: TIR Regional
Magnitudes: 2.0ML TIR 1.9MC TIR 2.0ML TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN		18	0	S		714	14.270	.300							
KBN		18	0	P		714	11.06	-.600							
KBN		18	0	IAML		714	14.67			607	0.4				
KBN		18	0	END	A	714	31.32		20						
KBN		18	0	A	A	714	31.32				20.3				
LSK		38	206	S		714	20.14	-.300							
LSK		38	206	P		714	15.980	.600							
LSK		38	206	END	A	714	56.38		40						
LSK		38	206	A	A	714	56.38				40.4				
THL		145	133	S		714	52.660	.000							
THL		145	133	P		714	31.37	-2.40							
THL		145	133	END	A	715	24.09		52						
THL		145	133	A	A	715	24.09				52.7				

October 8 2020 Hour: 10:10 46.7 Lat: 41.59N Lon: 19.62E D: 7.0 Ag: TIR Regional
Magnitudes: 1.7ML TIR 1.7ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		33	0	P		1010	52.970	.000							
TIR		33	142	S		1010	57.530	.000							
TIR		33	142	IAML		1010	58.21			179	0.3				
SDA		52	350	S		1011	3.160	.100							
SDA		52	350	P		1010	56.07	-.000							
SDA		52	350	IAML		1011	6.28			36	0.1				
PHP		70	80	S		1011	7.77	-.000							
PHP		70	80	P		1010	58.75	-.000							
PHP		70	80	IAML		1011	12.16			107	0.3				

October 8 2020 Hour: 14:36 53.6 Lat: 39.30N Lon: 20.36E D: 6.1 Ag: TIR Regional
Magnitudes: 2.8ML TIR 2.8ML TIR Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT		26	354	S		1437	1.05	-.900							
IGT		26	354	P		1436	58.780	.400							
IGT		26	354	IAML		1437	5.46			2393	0.4				
SRN		71	335	Sg		1437	16.29	-.100							
SRN		71	335	P		1437	6.880	.300							
LSK		97	11	Sg		1437	23.210	.300							
LSK		97	11	Pg		1437	9.95	-.400							
KBN		151	13	Sg		1437	40.72	2.10							
KBN		151	13	P		1437	22.72	3.40							
PHP		265	1	Sn		1438	3.99	-4.30							
PHP		265	1	P		1437	35.89	-.400							

October 8 2020 Hour: 23:2 36.0 Lat: 41.06N Lon: 20.43E D: 18.0 Ag: TIR Regional
Magnitudes: 1.9ML TIR 1.9ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN		57	147	S		23 2	53.210	.100							
KBN		57	147	P		23 2	45.72	-.100							
KBN		57	147	IAML		23 2	55.08			179	0.5				
TIR		58	0	P		23 2	45.290	.000							
TIR		58	305	S		23 2	53.16	-1.10							
TIR		58	305	IAML		23 2	56.17			107	0.5				
PHP		70	0	S		23 2	59.55	2.20							
PHP		70	0	P		23 2	48.410	.200							
PHP		70	0	IAML		23 3	0.17			107	0.5				
LSK		101	171	S		23 3	6.23	-.300							
LSK		101	171	P		23 2	52.53	-.900							
VLO		102	231	S		23 3	5.780	.100							
VLO		102	231	P		23 2	53.050	.100							
SDA		136	326	S		23 3	18.40	2.30							
SDA		136	326	P		23 2	58.70	-.300							

SDA	136	326	IAML	23	3	20.04				36	0.5				
KEK	159	201	S	23	3	22.680.000									
IGT	169	183	S	23	3	25.740.100									
IGT	169	183	P	23	3	4.450.100									
PDG	181	328	S	23	3	29.660.700									
PDG	181	328	P	23	3	6.21-.000									

October 9 2020 Hour: 1:3 0.7 Lat: 41.47N Lon: 19.51E D: 6.9 Ag: TIR Regional
Magnitudes: 1.4ML TIR 1.4ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		35	0	P		1	3	8.390.000							
TIR		32	113	S		1	3	13.09 1.90							
TIR		32	113	IAML		1	3	13.27		107	0.2				
SDA		65	0	S		1	3	20.900.000							
SDA		65	0	IAML		1	3	21.86		36	0.2				
PHP		81	72	S		1	3	25.36-.000							
PHP		81	72	P		1	3	14.810.000							
PHP		81	72	IAML		1	3	32.25		36	0.6				
PDG		109	350	S		1	3	33.52-.600							
PDG		109	350	P		1	3	19.780.000							
IGT		226	161	S		1	4	5.05-1.80							

October 9 2020 Hour: 1:27 45.1 Lat: 40.51N Lon: 20.75E D: 10.9 Ag: TIR Regional
Magnitudes: 1.8ML TIR 1.8ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN		13	13	S		127	49.760.500								
KBN		13	13	P		127	47.480.000								
KBN		13	13	IAML		127	53.00			643	0.2				
LSK		42	199	S		127	58.720.500								
LSK		42	199	P		127	51.68-.900								
SRN		95	223	S		128	15.040.100								
SRN		95	223	P		128	2.07-.100								
SRN		95	223	IAML		128	19.15			71	0.9				
IGT		115	199	S		128	20.510.400								
IGT		115	199	P		128	5.08-.000								
IGT		115	199	IAML		128	29.07			36	0.5				
KEK		120	223	S		128	22.530.700								
KEK		120	223	P		128	6.190.100								
PHP		133	349	S		128	24.76-.100								
PHP		133	349	P		128	7.76-.000								
PHP		133	349	IAML		128	26.76				0.5				

October 9 2020 Hour: 1:28 20.8 Lat: 40.46N Lon: 21.02E D: 11.8 Ag: TIR Regional
Magnitudes: 2.0ML TIR 2.0ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN		27	314	S		128	28.00-.900								
KBN		27	314	P		128	25.39-.000								
KBN		27	314	IAML		128	28.23			1036	0.4				
LSK		50	227	S		128	36.460.300								
LSK		50	227	P		128	29.560.000								
SRN		108	234	S		128	54.38-.100								
SRN		108	234	IAML		128	55.49			71	0.9				
IGT		119	210	S		128	58.84 2.00								
IGT		119	210	IAML		129	8.76			36	0.5				
KEK		133	232	S		129	1.580.600								
PHP		145	341	S		129	3.650.000								
PHP		145	341	IAML		129	6.94			36	0.7				

October 9 2020 Hour: 3:58 53.0 Lat: 41.92N Lon: 19.69E D: 28.1 Ag: TIR Regional
 Magnitudes: 1.9ML TIR 1.9ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SDA		22	312	S		359	3.240	.100							
SDA		22	312	P		358	58.78	-.000							
TIR		66	167	S		359	13.840	.100							
TIR		66	167	P		359	4.84	-.000							
TIR		66	167	IAML		359	16.72			36	0.2				
PDG		67	328	S		359	14.380	.100							
PDG		67	328	P		359	5.150	.000							
PHP		67	0	P		359	4.920	.000							
PHP		68	112	S		359	13.830	.000							
PHP		68	112	IAML		359	15.05			107	0.3				
KBN		170	147	S		359	42.70	1.30							
KBN		170	147	IAML		359	46.95			36	0.8				

October 9 2020 Hour: 12:50 35.5 Lat: 39.73N Lon: 22.25E D: 42.7 Ag: TIR Regional
 Magnitudes: 3.8ML TIR 2.7MC TIR 3.8ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK		148	290	S		1251	17.990	.300							
LSK		148	290	P		1250	58.40	-1.20							
LSK		148	290	END	A	1252	30.07		91						
LSK		148	290	A	A	1252	30.07				91.7				
KBN		159	310	P		1251	1.140	.400							
KBN		159	310	END	A	1252	5.09		63						
KBN		159	310	A	A	1252	5.09				64.0				
IGT		166	264	S		1251	22.070	.100							
IGT		166	264	P		1251	0.25	-1.80							
IGT		166	264	END	A	1252	14.40		74						
IGT		166	264	A	A	1252	14.40				74.1				
LKD2		172	234	S		1251	23.41	-.100							
LKD2		172	234	P		1251	2.83	-.100							
LKD2		172	234	END	A	1252	14.03		71						
LKD2		172	234	A	A	1252	14.03				71.2				
KLV		187	183	S		1251	27.010	.100							
KLV		187	183	P		1251	4.77	-.100							
KLV		187	183	END	A	1252	24.60		79						
KLV		187	183	A	A	1252	24.60				79.8				
SRN		193	276	S		1251	28.70	-.200							
SRN		193	276	P		1251	6.110	.100							
SRN		193	276	IAML		1251	32.02			1036	0.4				
SRN		193	276	END	A	1252	24.24		78						
SRN		193	276	A	A	1252	24.24				78.1				
PHP		266	326	P		1251	14.40	-.600							
PHP		266	326	END	A	1252	48.30		93						
PHP		266	326	A	A	1252	48.30				93.9				

October 9 2020 Hour: 14:36 34.3 Lat: 41.60N Lon: 19.58E D: 35.4 Ag: TIR Regional
 Magnitudes: 3.9ML TIR 3.9ML TIR Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		37	0	Pg	C	1436	40.900	.000							
TIR		37	138	Sg		1436	44.96	-3.80							
TIR		37	138	IAML		1436	50.20			8821	0.4				
SDA		51	353	Sg		1436	52.100	.100							
SDA		51	353	Pg	D	1436	43.40	-1.00							
SDA		51	353	IAML		1436	53.31			2500	0.4				
PHP		72	81	Sg		1436	57.290	.300							
PHP		72	81	Pg	C	1436	46.85	-.400							
PHP		72	81	IAML		1437	4.55			8607	0.8				
PDG		97	345	Sg		1437	5.29	1.60							
PDG		97	345	Pg		1436	50.35	-.700							
BERA		103	162	Sg		1437	5.58	-.000							
BERA		103	162	Pg		1436	52.220	.100							

BERA	103	162	IAML	1437	8.21				5571	0.4
VLO	126	184	Sg	1437	11.83	1.60				
VLO	126	184	Pg	1436	54.61	-.200				
KBN	148	136	Sg	1437	19.37	3.00				
KBN	148	136	Pg	1437	0.11	1.80				
LSK	182	151	Sn	1437	30.17	4.90				
LSK	182	151	Pn	1437	4.40	1.00				
SRN	193	169	Sn	1437	27.89	-.900				
SRN	193	169	Pn	1437	4.06	-1.40				
SRN	193	169	IAML	1437	37.89				1214	0.8
KEK	210	174	Sn	1437	31.71	-.200				
KEK	210	174	Pn	1437	4.09	-3.10				
NOCI	229	248	Pn	1437	6.85	-2.90				
IGT	238	164	Sn	1437	38.18	-.200				
IGT	238	164	Pn	1437	10.04	-.900				
THE	304	109	Pn	1437	19.06	-.600				
THL	306	136	Pn	1437	20.22	0.300				
LKD2	325	163	Pn	1437	19.97	-2.50				

October 9 2020 Hour: 17:11 36.5 Lat: 41.57N Lon: 19.59E D: 5.1 Ag: TIR Regional
Magnitudes: 1.8ML TIR 1.8ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		33	0	Pg		1711	42.57	0.000							
TIR		33	137	Sg		1711	47.14	-.100							
TIR		33	137	IAML		1711	48.29			179				0.3	
TIR		33	137	IAML		1711	47.40			250				0.2	
SDA		55	352	Sg		1711	53.54	-.100							
SDA		55	352	Pg		1711	45.77	-.500							
SDA		55	352	IAML		1711	56.04			71				0.3	
SDA		55	352	IAML		1711	58.07			36				0.3	
PHP		71	79	Sg		1711	58.41	0.100							
PHP		71	79	Pg		1711	48.88	-.100							
PHP		71	79	IAML		1712	6.39			143				0.6	
BERA		100	162	Sg		1712	7.22	-.000							
BERA		100	162	Pg		1711	54.21	0.200							
BERA		100	162	IAML		1712	9.59			107				0.4	
PDG		100	344	Pg		1711	54.04	-.100							
PDG		100	344	Sg		1712	7.43	0.200							

October 9 2020 Hour: 17:13 54.0 Lat: 41.55N Lon: 19.56E D: 25.0 Ag: TIR Regional
Magnitudes: 2.8ML TIR 2.8ML TIR Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		33	130	Sg		1714	4.48	-1.20							
TIR		33	130	Pg		1714	0.23	-.500							
TIR		33	130	IAML		1714	4.88			1107				0.2	
SDA		57	355	Sg		1714	12.37	0.400							
SDA		57	355	Pg		1714	3.27	-1.00							
SDA		57	355	IAML		1714	14.92			179				0.4	
PHP		75	77	Sg		1714	16.90	0.200							
PHP		75	77	Pg		1714	6.38	-.600							
PHP		75	77	IAML		1714	23.90			821				0.8	
BERA		99	160	Sg		1714	23.18	-.600							
BERA		99	160	Pg		1714	11.87	0.800							
BERA		99	160	IAML		1714	26.99			429				0.3	
PDG		103	0	Pg		1714	10.12	0.000							
PDG		101	346	Sg		1714	24.54	0.100							
KBN		146	134	Sn		1714	37.99	2.00							
KBN		146	134	Pn		1714	19.18	1.10							
LSK		178	150	Sn		1714	46.86	1.50							
LSK		178	150	Pn		1714	23.19	-.200							
SRN		189	168	Sn		1714	44.69	-4.20							
SRN		189	168	Pn		1714	25.59	0.200							
KEK		205	174	Sn		1714	50.31	-1.70							
KEK		205	174	Pn		1714	27.34	0.200							

NOCI	226	249	Sn	1714	56.950.100										
NOCI	226	249	Pn	1714	30.030.100										
NOCI	226	249	IAML	1715	6.33				179	0.5					
IGT	234	163	Sn	1714	55.86-2.70										
IGT	234	163	Pn	1714	26.22-4.70										

October 9 2020 Hour: 21:59 4.0 Lat: 41.58N Lon: 19.54E D: 2.0 Ag: TIR Regional
Magnitudes: 2.1ML TIR 2.1ML TIR Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		38	0	P		2159	10.540.000								
TIR		38	133	S		2159	15.28-1.40								
TIR		38	133	IAML		2159	15.53			286	0.4				
SDA		52	357	S		2159	21.570.700								
SDA		52	357	P		2159	12.55-1.10								
SDA		52	357	IAML		2159	23.62			107	0.2				
PHP		77	81	Sg		2159	27.09-.600								
PHP		77	81	P		2159	16.40-1.10								
PHP		77	81	IAML		2159	30.74			143	0.5				
PDG		97	347	Sg		2159	35.190.800								
PDG		97	347	P		2159	19.97-1.40								
BERA		103	160	Sg		2159	36.290.100								
BERA		103	160	Pg		2159	22.29-.100								
BERA		103	160	IAML		2159	39.39			107	0.5				
VLO		123	182	S		2159	45.61 4.40								
VLO		123	182	P		2159	25.890.600								
KBN		150	134	S		2159	50.49 1.10								
KBN		150	134	P		2159	30.180.300								
KBN		150	134	IAML		2159	54.41			36	0.7				
LSK		182	150	Sg		2159	59.710.500								
LSK		182	150	Pg		2159	35.670.100								
SRN		193	168	Sg		2159	57.44-5.50								
SRN		193	168	Pg		2159	35.41-2.30								

October 9 2020 Hour: 22:39 20.0 Lat: 41.56N Lon: 19.58E D: 2.0 Ag: TIR Regional
Magnitudes: 1.3ML TIR 1.3ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		33	0	Pg		2239	26.170.000								
TIR		33	134	Sg		2239	31.16-.200								
TIR		33	134	IAML		2239	31.53			36	0.2				
SDA		55	353	Sg		2239	37.38-.300								
SDA		55	353	Pg		2239	30.01-.100								
SDA		55	353	IAML		2239	40.03			36	0.1				
PHP		73	78	S		2239	42.870.200								
PHP		73	78	P		2239	32.56-.400								
PHP		73	78	IAML		2239	45.84			36	0.2				
BERA		99	161	Sg		2239	51.190.000								
BERA		99	161	Pg		2239	37.880.100								
BERA		99	161	IAML		2239	54.61			36	0.5				
PDG		100	345	Sg		2239	51.570.300								
PDG		100	345	Pg		2239	38.530.600								

October 9 2020 Hour: 22:43 34.1 Lat: 41.56N Lon: 19.57E D: 12.9 Ag: TIR Regional
Magnitudes: 1.0ML TIR 1.0ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR			0	P		2243	40.460.000								
TIR		35	134	Sg		2243	45.26-.000								
TIR		35	134	IAML		2243	45.38			36	0.2				
SDA		55	354	S		2243	51.25-.000								
SDA		55	354	Pg		2243	42.86-1.00								
SDA		55	354	IAML		2243	53.91				0.3				
PHP		73	79	Sg		2243	56.46-.000								
PHP		73	79	Pg		2243	47.540.700								
PHP		73	79	IAML		2243	58.54				0.3				
BERA		100	161	S		2244	4.72-.000								

BERA 100 161 Pg 2243 51.59-.000
 BERA 100 161 IAML 2244 7.37 0.3

October 9 2020 Hour: 23:26 26.9 Lat: 40.77N Lon: 20.51E D: 2.0 Ag: TIR Regional
Magnitudes: 1.4ML TIR 1.4ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN		28	124	S		2326	35.690	.100							
KBN		28	124	P		2326	31.77-	.100							
BERA		49	0	Pg		2326	35.500	.000							
BERA		49	263	S		2326	42.43-	.300							
BERA		49	263	IAML		2326	44.39			71	0.1				
LSK		69	174	Sg		2326	48.680	.000							
LSK		69	174	P		2326	38.79-	.500							
PHP		102	357	Sg		2326	58.450	.200							
PHP		102	357	Pg		2326	46.46	1.60							
PHP		102	357	IAML		2327	2.58					0.3			
SRN		108	205	S		2327	1.360	.200							
SRN		108	205	Pg		2326	47.070	.600							
SRN		108	205	IAML		2327	6.81			36	0.6				

October 10 2020 Hour: 2:32 48.9 Lat: 40.49N Lon: 20.77E D: 9.2 Ag: TIR Regional
Magnitudes: 2.2ML TIR 2.2ML TIR Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN		15	6	Sg		232	53.550	.200							
KBN		15	6	Pg		232	51.28-	.100							
KBN		15	6	IAML		232	54.08			3036	0.4				
LSK		40	201	S		233	1.810	.400							
LSK		40	201	P		232	55.37-	.700							
BERA		78	0	P		233	1.160	.000							
BERA		73	290	Sg		233	11.44-	.200							
BERA		73	290	IAML		233	15.31			143	0.3				
SRN		95	225	S		233	19.94	1.50							
SRN		95	225	P		233	5.66-	.100							
SRN		95	225	IAML		233	26.82			107	0.4				
TIR		122	322	S		233	26.480	.300							
TIR		122	322	P		233	10.480	.300							
TIR		122	322	IAML		233	32.68			71	0.6				
PHP		136	349	S		233	29.32-	.200							
PHP		136	349	P		233	11.34-	.700							
PHP		136	349	IAML		233	36.93			107	0.7				

October 10 2020 Hour: 8:54 10.0 Lat: 40.80N Lon: 19.76E D: 6.4 Ag: TIR Regional
Magnitudes: 1.8ML TIR 1.8ML TIR Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA		19	124	Sg		854	16.07-	.300							
BERA		19	124	Pg		854	13.11-	.500							
BERA		19	124	IAML		854	16.50			2036	0.1				
LSK		101	135	Sg		854	41.460	.500							
LSK		101	135	Pg		854	27.69-	.000							
SRN		105	168	Pg		854	30.17	1.50							
SRN		105	168	Sg		854	42.69-	.100							
SRN		105	168	IAML		854	46.40			36	0.4				
PHP		113	30	Sg		854	43.94-	.300							
PHP		113	30	Pg		854	30.120	.600							
PHP		113	30	IAML		854	50.20			36	0.3				
KEK		121	178	Sg		854	46.79-	.300							
KEK		121	178	Pg		854	31.230	.000							
IGT		149	160	Sg		854	55.340	.000							
IGT		149	160	Pg		854	35.920	.000							
IGT		149	160	IAML		855	3.28			36	0.5				

October 11 2020 Hour: 3:28 29.8 Lat: 40.41N Lon: 20.66E D: 76.8 Ag: TIR Regional
Magnitudes: 2.4ML TIR 2.4ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN		26	23	Sg		328	49.69	-.100							
KBN		26	23	Pg		328	41.04	-.200							
LSK		29	191	Sg		328	50.94	0.300							
LSK		29	191	Pg	C	328	41.69	-.000							
BERA		69	0	Pg		328	46.38	0.000							
BERA		69	299	Sg		328	58.66	2.20							
BERA		69	299	IAML		328	59.70		214	0.2					
SRN		81	225	Sg		328	59.25	-.100							
SRN		81	225	Pg	C	328	46.86	0.200							
IGT		101	197	Sg		329	2.23	-.400							
IGT		101	197	Pg		328	48.49	-.000							
TIR		125	328	Sg		329	7.45	0.100							
TIR		125	328	Pg		328	51.10	-.100							
TIR		125	328	IAML		329	9.83		36	0.1					
PHP		143	353	Sg		329	10.94	0.000							
PHP		143	353	Pg		328	53.49	0.200							
PHP		143	353	IAML		329	13.50		71	0.2					
LKD2		180	181	Pn		328	56.09	-2.20							
SDA		207	333	Sg		329	25.70	-.100							
SDA		207	333	Pg		329	1.15	-.600							
SDA		207	333	IAML		329	26.89		36	0.3					

October 11 2020 Hour: 10:33 38.7 Lat: 40.78N Lon: 19.67E D: 5.5 Ag: TIR Regional
Magnitudes: 1.9ML TIR 1.9ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA		25	0	P		1033	41.37	0.000							
BERA		26	109	S		1033	44.13	-2.80							
BERA		26	109	IAML		1033	44.80		750	0.1					
VLO		38	203	S		1033	52.66	3.20							
VLO		38	203	P		1033	44.81	-.000							
VLO		38	203	IAML		1033	55.51		1179	0.4					
TIR		65	14	S		1033	58.81	-.100							
TIR		65	14	IAML		1034	0.00		36	0.4					
KBN		97	100	S		1034	7.47	-.100							
SRN		105	164	S		1034	10.09	-1.20							
SRN		105	164	P		1033	57.34	0.000							
SRN		105	164	IAML		1034	14.49		71	0.4					
LSK		106	131	S		1034	11.10	0.200							
LSK		106	131	P		1033	57.07	-.000							
PHP		119	32	S		1034	17.12	2.40							
PHP		119	32	P		1033	59.31	0.000							
PHP		119	32	IAML		1034	19.51		36	0.4					

October 11 2020 Hour: 15: 8 51.9 Lat: 40.53N Lon: 21.38E D: 18.6 Ag: TIR Regional
Magnitudes: 2.3ML TIR 2.3ML TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN		51	283	Sg		15 9	7.63	0.100							
KBN		51	283	Pg		15 9	1.53	0.700							
KBN		51	283	IAML		15 9	11.12		786	0.4					
LSK		78	239	Sg		15 9	15.70	-.200							
LSK		78	239	Pg		15 9	5.66	0.100							
THL		120	152	Sg		15 9	27.99	0.300							
THL		120	152	Pg		15 9	11.88	-.500							
BERA		122	280	Pg		15 9	13.06	0.200							
BERA		122	280	Sg		15 9	28.08	-.500							
BERA		122	280	IAML		15 9	32.98		71	0.4					
BERA		122	280	IAML		15 9	37.38		71	0.3					
SRN		137	239	Sg		15 9	34.10	0.800							
SRN		137	239	Pg		15 9	18.28	2.70							
SRN		137	239	IAML		15 9	38.15		107	0.6					

IGT	142	220	Sn	15	9	36.57	2.70										
IGT	142	220	Pn	15	9	15.970	.100										
PHP	151	329	Sn	15	9	35.990	.100										
PHP	151	329	Pn	15	9	15.38	-1.70										
PHP	151	329	IAML	15	9	42.61				36	0.3						
KEK	162	237	Sn	15	9	39.52	-.000										
KEK	162	237	Pn	15	9	18.51	-.600										
LKD2	202	198	Pn	15	9	25.410	.100										
LKD2	202	198	IAML	1510		0.71				36	0.4						

October 11 2020 Hour: 15:20 29.2 Lat: 40.53N Lon: 21.42E D: 20.0 Ag: TIR Regional
Magnitudes: 3.1ML TIR 3.1ML TIR Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN		55	281	Sg		1520	45.42	-.500							
KBN		55	281	Pg		1520	38.70	-.000							
KBN		55	281	IAML		1520	46.83			4393	0.3				
LSK		82	240	Sg		1520	53.23	-.800							
LSK		82	240	Pg		1520	42.43	-1.00							
THL		119	154	Sn		1521	4.820	.300							
THL		119	154	Pg		1520	49.18	-.200							
BERA		126	0	Pg		1520	49.720	.000							
BERA		127	280	Sg		1521	6.49	-.200							
BERA		127	280	IAML		1521	12.76			357	0.5				
BERA		127	280	IAML		1521	10.11			607	0.9				
THE		131	84	Sg		1521	7.36	-.600							
THE		131	84	Pg		1520	51.750	.400							
SRN		141	240	Sg		1521	11.900	.500							
SRN		141	240	Pg		1520	53.560	.200							
SRN		141	240	IAML		1521	17.07			1143	0.5				
IGT		145	221	Sg		1521	12.500	.600							
IGT		145	221	Pg		1520	54.020	.400							
PHP		152	328	Sn		1521	13.860	.500							
PHP		152	328	Pn		1520	54.26	-.200							
PHP		152	328	IAML		1521	30.77			321	0.9				
TIR		159	306	Pg		1520	56.520	.600							
TIR		159	306	IAML		1521	20.70			179	0.8				
KEK		166	238	Pn		1520	56.79	-.100							
LKD2		205	199	Sn		1521	24.71	-3.20							
LKD2		205	199	Pn		1521	2.730	.000							
LKD2		205	199	IAML		1521	43.08			357	0.9				
KLV		284	166	Sn		1521	40.46	-5.70							
KLV		284	166	Pg		1521	10.54	-2.60							

October 11 2020 Hour: 17: 7 11.8 Lat: 41.44N Lon: 19.92E D: 11.5 Ag: TIR Regional
Magnitudes: 1.6ML TIR 1.6ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR			0	Pg		17	7	15.000	.000						
TIR		12	205	Sg		17	7	16.660	.000						
TIR		12	205	IAML		17	7	18.07			250	0.5			
PHP		51	58	Sg		17	7	27.19	-.100						
PHP		51	58	Pg		17	7	20.710	.100						
PHP		51	58	IAML		17	7	28.13			107	0.3			
SDA		76	333	Sg		17	7	35.38	-.000						
SDA		76	333	Pn		17	7	25.04	-.300						
SDA		76	333	IAML		17	7	37.43			36	0.1			
BERA		82	178	Sg		17	7	37.11	-.000						

October 11 2020 Hour: 19:23 30.0 Lat: 41.10N Lon: 20.23E D: 6.9 Ag: TIR Regional
Magnitudes: 2.0ML TIR 2.0ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		41	313	Sg		1923	43.030	.000							
TIR		41	313	Pg		1923	37.480	.100							
TIR		41	313	IAML		1923	45.90			250	0.2				
TIR		41	313	IAML		1923	46.68			286	0.3				

BERA	50	0	Pg	1923	38.160.000														
BERA	49	209	S	1923	45.34-.100														
BERA	49	209	IAML	1923	53.64					250	0.6								
PHP	68	15	Sg	1923	51.73 1.20														
PHP	68	15	Pg	1923	41.67-.000														
PHP	68	15	IAML	1923	55.05					143	0.3								
KBN	71	137	Sg	1923	51.360.300														
KBN	71	137	Pg	1923	41.69-.300														
KBN	71	137	IAML	1923	53.69					214	0.5								
LSK	110	163	Sg	1924	3.33-.000														
LSK	110	163	Pg	1923	46.96-2.10														
SDA	122	331	Sg	1924	7.770.400														
SDA	122	331	Pg	1923	50.76-.600														
SDA	122	331	IAML	1924	12.23					36	0.2								
SRN	137	189	Sg	1924	12.400.100														
SRN	137	189	Pg	1923	54.220.100														
SRN	137	189	IAML	1924	15.15					36	0.8								
PDG	168	332	Pn	1923	58.64-.200														

October 13 2020 Hour: 14:28 20.6 Lat: 41.66N Lon: 17.74E D: 2.0 Ag: TIR Regional
Magnitudes: 2.8ML TIR 2.8ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NOCI		112	0	P		1428	40.910.000								
NOCI		112	211	S		1428	55.510.100								
NOCI		112	211	IAML		1428	57.37			643	0.2				
MRVN		145	244	S		1429	1.23-4.20								
MRVN		145	244	P		1428	46.200.000								
SDA		152	72	S		1429	7.660.100								
SDA		152	72	P		1428	47.40-.000								
SDA		152	72	IAML		1429	8.26			214	0.6				
PDG		152	55	S		1429	5.09-2.50								
PHP		226	88	S		1429	27.07-.100								
PHP		226	88	P		1428	58.710.100								
PHP		226	88	IAML		1429	29.11			36	0.4				
SRN		275	135	P		1429	5.41-.500								

October 13 2020 Hour: 22:1 31.7 Lat: 39.70N Lon: 20.38E D: 12.2 Ag: TIR Regional
Magnitudes: 1.8ML TIR 1.8ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT		19	195	S		22 1	38.600.100								
IGT		19	195	P		22 1	35.620.000								
IGT		19	195	IAML		22 1	40.08			1357	0.2				
SRN		39	302	S		22 1	44.870.100								
SRN		39	302	P		22 1	39.11-.100								
KEK		50	273	S		22 1	47.720.100								
KEK		50	273	P		22 1	39.49-1.40								
LSK		53	19	S		22 1	48.36-.000								
LSK		53	19	P		22 1	41.240.000								
LKD2		103	166	S		22 2	3.620.200								
LKD2		103	166	P		22 1	49.78-.100								
LKD2		103	166	IAML		22 2	12.48			36	0.3				
BERA		118	342	P		22 1	52.770.500								
BERA		118	342	S		22 2	8.050.300								
BERA		118	342	IAML		22 2	13.76			36	0.5				
BERA		118	342	IAML		22 2	13.08			36	0.4				

October 13 2020 Hour: 22:32 9.7 Lat: 41.76N Lon: 19.53E D: 7.0 Ag: TIR Regional
Magnitudes: 1.2ML TIR 1.2ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SDA		32	356	S		2232	20.150.000								
SDA		32	356	P		2232	15.650.000								
SDA		32	356	IAML		2232	20.37			36	0.1				
PHP		77	0	P		2232	22.450.000								
PHP		77	95	S		2232	32.800.000								

PHP 77 95 IAML 2232 34.57 36 0.3
 PDG 78 344 S 2232 33.76-.000

October 14 2020 Hour: 3:57 25.4 Lat: 40.52N Lon: 22.94E D: 2.0 Ag: TIR Regional
Magnitudes: 3.3ML TIR 3.3ML TIR Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THE		12	10	P		357	28.210	.400							
THE		12	10	IAML		357	33.68		15964		0.2				
THL		131	0	P		357	49.670	.000							
THL		132	217	S		358	6.720	.400							
KBN		182	275	S		358	20.430	.600							
KBN		182	275	P		357	55.81-	.700							
KBN		182	275	IAML		358	31.15		429		0.9				
LSK		202	259	S		358	28.70	2.50							
LSK		202	259	P		357	59.32-	.800							
IGT		248	245	S		358	37.850	.100							
IGT		248	245	P		358	7.350	.600							
IGT		248	245	IAML		358	50.45		179		0.7				
BERA		254	276	S		358	39.08-	.000							
BERA		254	276	P		358	7.08-	.400							
BERA		254	276	IAML		358	43.47		179		0.5				
BERA		254	276	IAML		358	48.15		179		0.7				
SRN		260	256	S		358	41.180	.000							
SRN		260	256	P		358	7.96-	.700							
SRN		260	256	IAML		358	46.41		393		0.7				
LKD2		275	227	S		358	44.030	.200							
LKD2		275	227	P		358	10.14-	.100							
KEK		282	253	P		358	8.60-	2.70							

October 14 2020 Hour: 4:29 15.0 Lat: 40.49N Lon: 20.74E D: 12.0 Ag: TIR Regional
Magnitudes: 1.8ML TIR 1.8ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN		16	13	S		429	20.130	.100							
KBN		16	13	P		429	17.900	.000							
KBN		16	13	IAML		429	22.60		393		0.2				
LSK		39	199	S		429	27.990	.600							
LSK		39	199	P		429	22.060	.000							
BERA		72	291	S		429	37.350	.000							
BERA		72	291	P		429	27.770	.000							
BERA		72	291	IAML		429	41.88		36		0.4				
IGT		111	199	S		429	49.170	.000							
IGT		111	199	IAML		430	0.02		36		1.7				

October 14 2020 Hour: 12:46 59.5 Lat: 41.51N Lon: 19.61E D: 36.9 Ag: TIR Regional
Magnitudes: 2.3ML TIR 2.6MC TIR 2.3ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		28	0	P		1247	5.000	.000							
TIR		28	129	S		1247	7.11-	5.50							
TIR		28	129	IAML		1247	9.42		1536		0.2				
SDA		61	352	S		1247	20.220	.300							
SDA		61	352	P		1247	10.89-	.300							
SDA		61	352	IAML		1247	25.76		143		0.3				
SDA		61	352	END	A	1247	49.38		38						
SDA		61	352	A	A	1247	49.38				38.5				
PHP		72	74	S		1247	22.260	.000							
PHP		72	74	P		1247	12.49-	.000							
PHP		72	74	IAML		1247	26.40		214		0.3				
PHP		72	74	END	A	1247	57.17		44						
PHP		72	74	A	A	1247	57.17				44.7				
BERA		93	162	S		1247	28.370	.100							
BERA		93	162	P		1247	15.92-	.100							
BERA		93	162	IAML		1247	31.52		250		0.2				
BERA		93	162	END	A	1247	53.67		37						
BERA		93	162	A	A	1247	53.67				37.8				

PDG	107	345	S		1247	32.520	.800										
PDG	107	345	P		1247	17.83-	.100										
PDG	107	345	END	A	1248	3.25			45								
PDG	107	345	A	A	1248	3.25					45.4						
SRN	183	169	S		1247	51.690	.100										
SRN	183	169	IAML		1247	53.27					36	0.2					

October 14 2020 Hour: 19:10 19.1 Lat: 41.86N Lon: 19.51E D: 8.2 Ag: TIR Regional
Magnitudes: 1.9ML TIR 1.9ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SDA		21	357	Sg		1910	26.100	.000							
SDA		21	357	Pg	D	1910	22.71-	.400							
SDA		21	357	IAML		1910	26.97			500	0.2				
SDA		21	357	IAML		1910	26.94			286	0.2				
TIR		65	0	Pg		1910	29.750	.000							
TIR		65	152	Sg		1910	39.010	.000							
TIR		65	152	IAML		1910	40.96			36	0.2				
PDG		67	342	Sg		1910	39.750	.100							
PDG		67	342	Pg	D	1910	30.82-	.100							
PHP		79	103	Sg		1910	43.12-	.000							
PHP		79	103	Pg		1910	31.78-	1.00							
PHP		79	103	IAML		1910	45.58			143	0.1				

October 14 2020 Hour: 21:14 12.2 Lat: 41.83N Lon: 19.44E D: 15.2 Ag: TIR Regional
Magnitudes: 1.7ML TIR 1.7ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SDA		26	11	Sg		2114	21.130	.100							
SDA		26	11	Pg	C	2114	17.10-	.200							
SDA		26	11	IAML		2114	21.32			250	0.2				
SDA		26	11	IAML		2114	23.55			143	0.3				
TIR		65	146	Sg		2114	32.240	.000							
TIR		65	146	Pg		2114	24.020	.400							
TIR		65	146	IAML		2114	33.22			36	0.2				
PDG		69	348	Sg		2114	33.570	.000							
PDG		69	348	Pg		2114	25.320	.900							
PHP		82	0	Pg	C	2114	25.930	.000							
PHP		85	100	Sg		2114	37.83-	.000							
PHP		85	100	IAML		2114	39.89			71	0.1				

October 15 2020 Hour: 5: 5 22.5 Lat: 41.55N Lon: 19.53E D: 7.0 Ag: TIR Regional
Magnitudes: 1.4ML TIR 1.4ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		36	128	Sg		5 5	33.810	.000							
TIR		36	128	Pg		5 5	28.93-	.000							
TIR		36	128	IAML		5 5	34.42			71	0.2				
SDA		56	0	Pg		5 5	32.350	.000							
SDA		56	357	Sg		5 5	39.920	.000							
SDA		56	357	IAML		5 5	44.34			36	0.3				
PHP		77	78	Sg		5 5	45.830	.000							
PHP		77	78	Pg		5 5	35.32-	.500							
PHP		77	78	IAML		5 5	50.22			71	0.9				

October 15 2020 Hour: 5:15 16.0 Lat: 41.85N Lon: 19.80E D: 25.0 Ag: TIR Regional
Magnitudes: 1.9ML TIR 1.9ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SDA		33	312	Sg		515	28.260	.100							
SDA		33	312	Pg	D	515	22.76-	.200							
SDA		33	312	IAML		515	29.07			214	0.2				
SDA		33	312	IAML		515	29.63			214	0.1				
TIR		56	174	Sg		515	33.94-	.100							
TIR		56	174	Pg		515	26.390	.100							
TIR		56	174	IAML		515	35.59			71	0.3				
PHP		57	108	Sg		515	33.700	.100							
PHP		57	108	Pg		515	25.59-	.500							

PHP	57	108	IAML	515	34.48				179	0.3					
PDG	78	326	Sg	515	40.280.100										
PDG	78	326	Pg	515	29.43-.400										
BERA	127	0	Pg	515	36.860.000										
BERA	127	174	Sg	515	53.870.100										
BERA	127	174	IAML	515	56.12				36	0.2					

October 17 2020 Hour: 0:49 2.8 Lat: 40.47N Lon: 20.76E D: 19.2 Ag: TIR Regional
Magnitudes: 1.0ML TIR 1.0ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN		17	6	Sg		049	9.30-.100								
KBN		17	6	Pg	C	049	6.720.200								
NEST		25	104	Sg		049	12.120.100								
NEST		25	104	Pg	C	049	7.87-.200								
NEST		25	104	IAML		049	13.23			36	0.2				
LSK		38	202	Sg		049	15.400.000								
LSK		38	202	Pg	C	049	9.67-.300								

October 17 2020 Hour: 14:45 47.9 Lat: 40.65N Lon: 20.36E D: 7.0 Ag: TIR Regional
Magnitudes: 2.3ML TIR 2.3ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA		36	0	P		1445	52.280.000								
BERA		36	281	S		1445	59.740.400								
BERA		36	281	IAML		1446	4.91			464	0.3				
KBN		36	94	S		1446	0.46 2.00								
KBN		36	94	P		1445	53.940.000								
LSK		59	160	S		1446	6.100.000								
VLO		77	255	S		1446	10.280.000								
VLO		77	255	IAML		1446	12.28			214	0.2				
SRN		91	200	S		1446	16.570.000								
SRN		91	200	IAML		1446	16.86			143	0.4				

October 17 2020 Hour: 14:46 22.0 Lat: 40.52N Lon: 20.29E D: 3.8 Ag: TIR Regional
Magnitudes: 2.5ML TIR 2.5ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA		36	0	P		1446	28.830.000								
BERA		36	306	S		1446	33.70-.100								
BERA		36	306	IAML		1446	35.79			1071	0.3				
KBN		43	74	S		1446	35.16-.000								
KBN		43	74	P		1446	29.46-.100								
KBN		43	74	IAML		1446	37.12			714	0.4				
LSK		49	147	S		1446	37.530.100								
LSK		49	147	P		1446	31.440.600								
SRN		76	200	S		1446	46.26-.100								
SRN		76	200	P		1446	35.90-.000								
TIR		99	339	S		1446	54.75 2.20								
PHP		130	5	S		1447	1.540.100								
PHP		130	5	P		1446	44.590.000								
PHP		130	5	IAML		1447	3.29			143	0.6				

October 17 2020 Hour: 15:18 59.6 Lat: 38.42N Lon: 21.82E D: 12.3 Ag: TIR Regional
Magnitudes: 2.7ML TIR 2.7ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KLK		51	144	S		1519	14.90-.700								
KLK		51	144	P		1519	8.800.100								
LKD2		109	293	S		1519	33.290.300								
LKD2		109	293	P		1519	18.58-.100								
THL		128	7	S		1519	38.680.300								
THL		128	7	P		1519	21.60-.100								
ITM		138	176	S		1519	40.69-.400								
ITM		138	176	P		1519	23.280.000								
IGT		179	315	P		1519	30.420.700								
IGT		179	315	IAML		1519	59.53			71	0.4				
LSK		219	332	P		1519	35.870.100								

SRN	226	317	P	1519	37.02-	.100											
KEK	227	311	P	1519	34.55-	2.30											
NEST	232	0	P	1519	39.260.	.000											
NEST	231	344	S	1520	5.990.	.100											
NEST	231	344	IAML	1520	15.31					143	0.5						

October 17 2020 Hour: 17:1 38.9 Lat: 40.08N Lon: 19.73E D: 2.0 Ag: TIR Regional
Magnitudes: 1.3ML TIR 1.3ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
SRN		32	133	S		17	1	50.33-									
SRN		32	133	P		17	1	45.36-									
SRN		32	133	IAML		17	1	51.95		214	0.3						
KEK		41	171	S		17	1	52.570.									
KEK		41	171	P		17	1	46.62-									
BERA		72	14	S		17	2	1.81-									
BERA		72	14	P		17	1	52.070.									
BERA		72	14	IAML		17	2	3.48		36	0.5						
LSK		75	83	S		17	2	2.510.									
IGT		80	139	S		17	2	4.150.									
IGT		80	139	P		17	1	53.860.									
IGT		80	139	IAML		17	2	7.03			0.2						

October 17 2020 Hour: 20:31 55.2 Lat: 39.11N Lon: 23.69E D: 9.5 Ag: TIR Regional
Magnitudes: 4.0ML TIR 4.0ML TIR Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
THL		152	0	P		2032	20.750.	.000									
THL		153	290	S		2032	38.63-	2.60									
KLV		179	230	S		2032	48.39-	.200									
KLV		179	230	P		2032	25.67-	.000									
THE		180	340	P		2032	25.990.	.200									
ITM		265	217	P		2032	38.000.	.100									
LKD2		266	264	S		2033	10.570.	.500									
LKD2		266	264	P		2032	38.300.	.300									
LKD2		266	264	IAML		2033	22.05			571	0.7						
NEST		269	304	S		2033	10.780.	.000									
NEST		269	304	P		2032	37.65-	.700									
NEST		269	304	IAML		2033	22.32			1214	0.8						
NEST		269	304	IAML		2033	19.56			893	0.6						
LSK		289	295	P		2032	40.48-	.500									
IGT		294	281	S		2033	21.09	4.50									
IGT		294	281	P		2032	41.740.	.100									
IGT		294	281	IAML		2033	29.09			357	0.8						
SRN		329	287	P		2032	46.41-	.300									
KEK		342	283	S		2033	27.780.	.000									
KEK		342	283	P		2032	47.20-	.900									
BERA		366	301	P		2032	51.530.	.300									
IDI		437	165	P		2033	0.62-	.100									

October 18 2020 Hour: 3:22 32.6 Lat: 40.68N Lon: 21.59E D: 13.0 Ag: TIR Regional
Magnitudes: 1.7ML TIR 1.7ML TIR Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
NEST		55	238	Sg		322	49.21-	.600									
NEST		55	238	Pg		322	42.600.	.200									
KBN		69	265	Sg		322	53.320.	.200									
KBN		69	265	Pg		322	44.990.	.700									
KBN		69	265	IAML		322	54.91			71	0.3						
LSK		103	236	Pg		322	51.47	1.00									
LSK		103	236	Sg		323	3.59-	.300									
THL		129	163	Sn		323	11.640.	.100									
THL		129	163	Pn		322	54.940.	.100									
BERA		139	272	Sg		323	14.840.	.500									
BERA		139	272	Pg		322	56.520.	.100									
PHP		148	320	Sg		323	16.01-	.100									
PHP		148	320	Pg		322	57.04-	.400									

SRN	162	238	Sg	323	21.20-.200
SRN	162	238	Pg	323	0.37-.100
IGT	167	221	Pg	323	2.08 1.20

October 18 2020 Hour: 4:49 24.3 Lat: 39.26N Lon: 20.58E D: 2.0 Ag: TIR Regional
Magnitudes: 2.4ML TIR 2.4ML TIR Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT		37	325	Sg		449	36.65-	.100							
IGT		37	325	Pg		449	31.18-	.300							
LKD2		52	172	Sg		449	42.050.	.700							
LKD2		52	172	Pg		449	33.99-	.100							
KEK		85	307	Sg		449	50.73-	.200							
KEK		85	307	Pg		449	39.49-	.000							
SRN		86	325	Sg		449	51.54-	.300							
SRN		86	325	Pg		449	38.85-	1.20							
LSK		99	0	Sg		449	55.920.	.800							
LSK		99	0	Pg		449	41.70-	.200							
THL		128	74	Sg		450	3.63-	.500							
THL		128	74	Pg		449	45.87-	1.20							
NEST		135	17	Sg		450	6.140.	.200							
KBN		152	6	Sg		450	11.120.	.600							
KBN		152	6	Pg		449	50.70-	.000							
KBN		152	6	IAML		450	21.53			71	0.7				
BERA		170	0	Pn		449	53.450.	.000							
BERA		170	342	Sg		450	16.12-	.100							
BERA		170	342	IAML		450	22.76			107	0.5				
BERA		170	342	IAML		450	22.13			71	0.3				

October 19 2020 Hour: 18:49 37.7 Lat: 40.96N Lon: 20.67E D: 8.4 Ag: TIR Regional
Magnitudes: 1.9ML TIR 2.6MC TIR 1.9ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN		39	165	S		1849	49.450.	.300							
KBN		39	165	P		1849	44.17-	.100							
KBN		39	165	END	A	1850	3.85		19						
KBN		39	165	A	A	1850	3.85			19.7					
BERA		68	246	S		1849	58.27-	.300							
BERA		68	246	P		1849	48.92-	.700							
BERA		68	246	END	A	1850	29.84		40						
BERA		68	246	A	A	1850	29.84			40.9					
NEST		69	152	S		1849	58.62-	.300							
NEST		69	152	P		1849	49.04-	.800							
NEST		69	152	END	A	1850	32.91		43						
NEST		69	152	A	A	1850	32.91			43.9					
TIR		80	303	S		1850	2.670.	.200							
TIR		80	303	IAML		1850	5.85			36	0.2				
PHP		82	347	S		1850	2.42-	.300							
PHP		82	347	P		1849	52.470.	.500							
PHP		82	347	IAML		1850	7.36			143	0.2				
PHP		82	347	END	A	1850	35.99		43						
PHP		82	347	A	A	1850	35.99			43.5					
LSK		90	184	S		1850	5.20-	.000							
LSK		90	184	P		1849	53.37-	.000							
LSK		90	184	END	A	1850	47.54		54						
LSK		90	184	A	A	1850	47.54			54.2					
SRN		132	206	P		1850	1.450.	.300							
SRN		132	206	END	A	1851	0.50		59						
SRN		132	206	A	A	1851	0.50			59.0					
SDA		156	322	P		1850	4.45-	.000							
SDA		156	322	END	A	1850	59.53		55						
SDA		156	322	A	A	1850	59.53			55.1					

October 20 2020 Hour: 0:53 41.5 Lat: 40.13N Lon: 22.65E D: 45.0 Ag: TIR Regional
 Magnitudes: 2.8ML TIR 2.8ML TIR Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST		140	284	Sn		054	22.120	.300							
NEST		140	284	Pn		054	4.22-	.300							
NEST		140	284	IAML		054	28.17			214	0.5				
KBN		167	290	Sn		054	27.11-	.300							
KBN		167	290	P		054	7.870	.100							
LSK		175	272	S		054	30.160	.400							
LSK		175	272	Pn		054	8.77-	.300							
IGT		210	253	Sn		054	38.040	.000							
IGT		210	253	Pn		054	14.540	.700							
SRN		228	264	Sn		054	42.44-	.500							
SRN		228	264	Pn		054	16.35-	.300							
BERA		238	287	S		054	42.59-	2.10							
BERA		238	287	Pn		054	17.890	.300							
BERA		238	287	IAML		054	55.79			36	0.5				
PHP		252	314	Pn		054	18.270	.000							
PHP		254	314	Sn		054	46.23-	1.40							
PHP		254	314	IAML		054	50.09			36	0.8				

October 20 2020 Hour: 2:36 48.5 Lat: 37.40N Lon: 19.60E D: 7.0 Ag: TIR Regional
 Magnitudes: 3.8ML TIR 3.8ML TIR Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2		180	30	S		237	43.64	1.40							
LKD2		180	30	Pn		237	19.830	.600							
SRN		277	7	Sn		238	6.34-	.800							
SRN		277	7	P		237	34.190	.800							
LSK		317	15	Sn		238	16.100	.600							
LSK		317	15	P		237	37.47-	.700							
VLO		340	359	Sn		238	24.76	4.90							
VLO		340	359	P		237	42.22	1.50							
NEST		357	20	S		238	24.66-	.300							
NEST		357	20	P		237	42.09-	1.60							
NEST		357	20	IAML		238	31.25			214	0.7				
BERA		366	0	Pn		237	45.410	.000							
BERA		368	4	S		238	27.10-	.400							
BERA		368	4	IAML		238	41.25			179	0.5				
KBN		371	15	Sn		238	27.630	.000							
KBN		371	15	P		237	44.56-	.600							
TIR		438	2	S		238	43.15-	.700							
TIR		438	2	Pn		237	54.03-	.400							
TIR		438	2	IAML		238	52.69			107	0.6				
PHP		480	8	S		238	50.68-	2.40							
PHP		480	8	P		237	58.72-	1.00							
PHP		480	8	IAML		238	54.38			107	0.6				
SDA		516	0	Sn		239	0.97-	.800							
SDA		516	0	P		238	3.09-	1.60							
SDA		516	0	IAML		239	11.54			107	0.8				

October 20 2020 Hour: 19:18 55.2 Lat: 39.93N Lon: 20.74E D: 16.3 Ag: TIR Regional
 Magnitudes: 2.4ML TIR 1.7MC TIR 2.4ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK		27	334	S		1919	4.450	.000							
LSK		27	334	P		1919	0.17-	.300							
LSK		27	334	END	A	1919	33.22			33					
LSK		27	334	A	A	1919	33.22				33.0				
IGT		57	219	S		1919	13.140	.000							
IGT		57	219	P		1919	5.41-	.000							
IGT		57	219	END	A	1919	46.88			41					
IGT		57	219	A	A	1919	46.88				41.5				
SRN		63	266	S		1919	15.73-	.000							
SRN		63	266	P		1919	6.12-	.800							

SRN	63	266	IAML		1919	17.52			393	0.6
SRN	63	266	END	A	1919	37.95		31		
SRN	63	266	A	A	1919	37.95			31.8	
BERA	110	323	S		1919	28.350.000				

October 20 2020 Hour: 20:33 44.6 Lat: 42.44N Lon: 18.68E D: 25.4 Ag: TIR Regional
Magnitudes: 2.9ML TIR 3.1MC TIR 2.9ML TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PDG		48	91	S		2033	57.40	-3.20							
PDG		48	91	P		2033	53.57	-.200							
PDG		48	91	END	A	2034	23.80		30						
PDG		48	91	A	A	2034	23.80				30.2				
SDA		80	122	S		2034	8.78	-.700							
SDA		80	122	P		2033	58.870	.100							
SDA		80	122	IAML		2034	13.57			250	0.3				
SDA		80	122	END	A	2034	59.20		60						
SDA		80	122	A	A	2034	59.20				60.3				
TIR		157	140	S		2034	30.780	.100							
TIR		157	140	P		2034	11.730	.800							
TIR		157	140	IAML		2034	33.94			214	0.4				
TIR		157	140	END	A	2035	20.46		68						
TIR		157	140	A	A	2035	20.46				68.7				
PHP		169	119	S		2034	33.26	-.000							
PHP		169	119	P		2034	12.720	.300							
PHP		169	119	IAML		2034	39.27			321	0.5				
PHP		169	119	END	A	2035	27.88		75						
PHP		169	119	A	A	2035	27.88				75.2				
BERA		221	0	P		2034	19.420	.000							
BERA		220	150	S		2034	42.58	-3.50							
BERA		220	150	IAML		2034	50.38			107	0.3				
NOCI		228	217	P		2034	20.34	-.400							
NOCI		228	217	END	A	2035	46.88		86						
NOCI		228	217	A	A	2035	46.88				86.5				
KBN		268	138	S		2034	56.480	.100							
LSK		301	147	S		2035	4.59	-.100							
SRN		306	158	S		2035	4.19	-2.40							

October 20 2020 Hour: 20:44 57.3 Lat: 39.32N Lon: 21.50E D: 5.9 Ag: TIR Regional
Magnitudes: 2.5ML TIR 2.5MC TIR 2.5ML TIR Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THL		52	58	S		2045	11.83	-1.80							
THL		52	58	P		2045	7.160	.500							
THL		52	58	END	A	2046	4.73		57						
THL		52	58	A	A	2046	4.73				57.6				
LKD2		93	232	S		2045	25.51	-.700							
LKD2		93	232	P		2045	14.090	.300							
LKD2		93	232	IAML		2045	31.61			393	0.3				
LKD2		93	232	END	A	2046	17.56		63						
LKD2		93	232	A	A	2046	17.56				63.5				
IGT		103	284	S		2045	28.43	-.600							
IGT		103	284	P		2045	15.14	-.300							
IGT		103	284	END	A	2046	19.30		64						
IGT		103	284	A	A	2046	19.30				64.2				
LSK		120	321	S		2045	32.42	-1.40							
LSK		120	321	P		2045	18.600	.500							
LSK		120	321	END	A	2046	31.78		73						
LSK		120	321	A	A	2046	31.78				73.2				
SRN		142	297	S		2045	41.16	-.300							
SRN		142	297	P		2045	22.51	-.100							
SRN		142	297	END	A	2046	30.39		67						
SRN		142	297	A	A	2046	30.39				67.9				
KBN		157	338	S		2045	44.090	.200							
KBN		157	338	P		2045	25.43	1.50							
KBN		157	338	END	A	2046	31.45		66						

KBN	157	338	A	A	2046	31.45											66.0
BERA	202	0	P		2045	32.820	.000										
BERA	203	320	S		2045	57.49	-.200										
BERA	203	320	IAML		2046	3.42					36						0.4
PDG	394	333	S		2045	23.63	-10.0										
PDG	394	333	P		2045	18.27	-10.0										
PDG	394	333	END	A	2045	46.70					28						
PDG	394	333	A	A	2045	46.70											28.4

October 20 2020 Hour: 23:0 27.4 Lat: 39.61N Lon: 20.21E D: 15.1 Ag: TIR Regional
Magnitudes: 1.7ML TIR 1.7ML TIR Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
IGT		13	128	Sg		23	0	33.15	-.100								
IGT		13	128	Pg	C	23	0	30.870	.100								
SRN		36	330	Sg		23	0	40.370	.700								
SRN		36	330	Pg	C	23	0	33.49	-.900								
KEK		37	289	Sg		23	0	40.150	.500								
KEK		37	289	Pg		23	0	33.49	-.900								
LSK		69	28	Sg		23	0	48.880	.200								
LSK		69	28	Pg	D	23	0	38.03	-1.60								
LKD2		99	156	P		23	0	45.180	.500								
BERA		125	0	Pn		23	0	50.160	.000								
BERA		125	350	Sn		23	1	6.99	2.20								
BERA		125	350	IAML		23	1	11.09							36		0.3

October 21 2020 Hour: 0:3 57.2 Lat: 38.79N Lon: 20.39E D: 7.7 Ag: TIR Regional
Magnitudes: 2.3ML TIR 2.3ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
LKD2		23	89	Sg		0	4	4.60	-.100								
LKD2		23	89	Pg		0	4	1.540	.100								
IGT		82	357	Pg		0	4	9.94	-1.80								
KEK		115	334	Sn		0	4	32.28	-.100								
KEK		115	334	Pn		0	4	16.98	-.300								
SRN		126	345	Pn		0	4	19.850	.300								
LSK		152	6	Sn		0	4	41.58	-1.30								
LSK		152	6	Pn		0	4	22.99	-.300								
KBN		207	9	Sn		0	4	57.460	.000								
KBN		207	9	Pn		0	4	32.200	.600								
BERA		211	0	Pn		0	4	31.140	.000								
BERA		217	350	Sn		0	5	0.79	-.100								
BERA		217	350	IAML		0	5	11.21							36		0.5

October 21 2020 Hour: 0:29 54.1 Lat: 40.25N Lon: 20.58E D: 5.6 Ag: TIR Regional
Magnitudes: 2.4ML TIR 2.4ML TIR Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
LSK		11	173	Sg		029	57.870	.000									
LSK		11	173	Pg	D	029	56.630	.400									
KBN		45	22	Sg		030	7.790	.300									
KBN		45	22	Pg	D	030	1.940	.200									
SRN		65	231	Sg		030	15.000	.200									
SRN		65	231	Pg		030	5.53	-.400									
BERA		75	0	Pg	C	030	6.980	.000									
BERA		75	314	Sg		030	16.70	-.400									
BERA		75	314	IAML		030	17.78								143		0.1
IGT		82	196	Sn		030	19.670	.100									
IGT		82	196	Pn		030	8.16	-.500									
KEK		90	229	S		030	21.970	.200									
KEK		90	229	P		030	7.24	-2.70									
VLO		96	286	Sg		030	26.46	4.20									
VLO		96	286	Pg		030	14.15	4.00									
THL		145	121	Sn		030	37.48	-.500									
THL		145	121	Pn		030	17.32	-1.90									
LKD2		162	177	Sn		030	43.270	.200									
LKD2		162	177	Pn		030	22.120	.000									

LKD2 162 177 IAML 030 45.02 107 1.0

October 21 2020 Hour: 14:12 22.3 Lat: 42.32N Lon: 19.58E D: 5.5 Ag: TIR Regional
Magnitudes: 2.1ML TIR 2.1ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PDG		29	295	Sg		1412	31.840	.100							
PDG		29	295	Pg		1412	27.52-	.200							
SDA		31	194	Sg		1412	32.390	.100							
SDA		31	194	Pg		1412	27.57-	.500							
SDA		31	194	IAML		1412	34.46			643	0.3				
SDA		31	194	IAML		1412	33.58			500	0.3				
PHP		100	0	Pg		1412	42.400	.000							
PHP		100	134	Sg		1412	52.880	.200							
PHP		100	134	IAML		1412	55.64			36	0.4				
NEST		245	149	Sn		1413	32.94-	.200							
NEST		245	149	Pn		1413	3.360	.600							

October 22 2020 Hour: 0:48 50.8 Lat: 39.78N Lon: 20.64E D: 15.7 Ag: TIR Regional
Magnitudes: 3.4ML TIR 3.4ML TIR Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA			0	Pg		049	10.760	.000							
BERA		119	331	Sg		049	27.67	1.20							
BERA		119	331	IAML		049	32.50			1321	0.4				
IGT		39	224	Sg		049	3.990	.600							
IGT		39	224	Pg	C	048	57.92-	.100							
LSK		41	356	Sg		049	4.320	.400							
LSK		41	356	Pg	D	048	58.21-	.100							
SRN		56	282	Sg		049	9.540	.500							
SRN		56	282	Pg	C	049	0.71-	.500							
KEK		72	265	Sg		049	12.55-	.800							
KEK		72	265	Pg		049	1.28-	2.40							
NEST		79	26	Pg		049	4.09-	.600							
KBN		95	7	Sg		049	20.78	1.90							
KBN		95	7	Pg	D	049	6.18-	.700							
LKD2		110	179	Sn		049	25.97	1.80							
LKD2		110	179	Pn		049	8.97-	.900							
THL		120	101	Sg		049	27.570	.600							
THL		120	101	Pg		049	9.52-	2.00							
VLO		123	309	Sg		049	31.84	5.10							
VLO		123	309	Pg		049	14.57	3.20							
VLO		123	309	IAML		049	34.35			2464	0.6				
TIR		186	340	Pn		049	21.960	.000							
PHP		212	356	Sn		049	50.53-	1.00							
PHP		212	356	Pn		049	25.28-	.200							
PHP		212	356	IAML		049	59.96			286	0.8				

October 23 2020 Hour: 0:32 23.1 Lat: 41.57N Lon: 19.54E D: 4.9 Ag: TIR Regional
Magnitudes: 1.3ML TIR 1.3ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		37	132	Sg		032	34.69-	.300							
TIR		37	132	Pg		032	29.52-	.400							
TIR		37	132	IAML		032	36.24			71	0.4				
TIR		37	132	IAML		032	34.98			71	0.3				
SDA		53	356	Sg		032	39.81-	.100							
SDA		53	356	Pg		032	31.94-	.700							
SDA		53	356	IAML		032	49.73			36	0.2				
PHP		76	80	Sg		032	46.340	.200							
PHP		76	80	Pg		032	35.27-	1.00							
PHP		76	80	IAML		032	48.54			36	0.2				
PDG		98	347	Sg		032	53.400	.100							
PDG		98	347	Pg		032	40.24-	.100							
BERA		102	0	Sg		032	55.240	.000							
BERA		102	160	Pg		032	41.280	.200							
NEST		180	134	Pn		032	54.520	.400							

October 23 2020 Hour: 0:38 5.1 Lat: 41.52N Lon: 19.58E D: 19.1 Ag: TIR Regional
Magnitudes: 1.9ML TIR 1.9ML TIR Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR			0	Pg		038	11.140	.000							
TIR		30	129	Sg		038	15.910	.100							
TIR		30	129	IAML		038	15.44			357	0.2				
SDA		59	354	Sg		038	23.58	-.300							
SDA		59	354	Pg		038	15.960	.200							
SDA		59	354	IAML		038	26.47			71	0.3				
PHP		73	75	Sg		038	27.730	.300							
PHP		73	75	Pg		038	17.62	-.300							
PHP		73	75	IAML		038	31.76			107	0.5				
BERA		96	161	Sg		038	33.56	-.400							
BERA		96	161	Pg		038	22.100	.500							
BERA		96	161	IAML		038	38.64			71	0.5				
BERA		96	161	IAML		038	37.94			36	0.3				
PDG		105	346	Sg		038	37.190	.700							
PDG		105	346	Pg		038	22.92	-.100							
NEST		175	134	Pn		038	35.51	1.30							
NOCI		227	250	Pn		038	41.820	.200							
IGT		230	163	Pn		038	41.93	-.100							

October 23 2020 Hour: 0:55 0.1 Lat: 40.52N Lon: 19.42E D: 20.3 Ag: TIR Regional
Magnitudes: 1.3ML TIR 1.3ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLO		9	0	Pg		055	3.520	.000							
VLO		9	135	Sg		055	5.19	1.70							
VLO		9	135	IAML		055	5.64			1500	0.1				
BERA		49	64	Sg		055	15.970	.100							
BERA		49	64	Pg		055	8.40	-.800							
BERA		49	64	IAML		055	18.99				0.2				
SRN		87	145	Pg		055	15.620	.000							
SRN		87	145	Sg		055	27.280	.100							
SRN		87	145	IAML		055	32.96			36	0.8				
KEK		96	160	Sg		055	28.78	-.200							
KEK		96	160	Pg		055	16.790	.200							

October 23 2020 Hour: 1: 2 4.8 Lat: 40.40N Lon: 20.42E D: 2.0 Ag: TIR Regional
Magnitudes: 1.9ML TIR 1.9ML TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK		31	150	Sg		1 2	15.370	.000							
LSK		31	150	Pg		1 2	10.82	-.000							
KBN		40	51	Sg		1 2	17.740	.400							
KBN		40	51	Pg		1 2	12.140	.200							
KBN		40	51	IAML		1 2	25.52			214	0.5				
BERA		52	311	Sg		1 2	21.76	-.200							
BERA		52	311	Pg		1 2	14.18	-.400							
BERA		52	311	IAML		1 2	23.19			464	0.1				
BERA		52	311	IAML		1 2	23.15			536	0.1				
NEST		53	87	Sg		1 2	21.94	-.200							
NEST		53	87	Pg		1 2	14.40	-.300							
NEST		53	87	IAML		1 2	24.25			107	0.3				
SRN		68	212	Sg		1 2	27.060	.000							
SRN		68	212	Pg		1 2	17.590	.100							
SRN		68	212	IAML		1 2	32.14			107	0.3				
VLO		79	276	Pg		1 2	20.05	1.70							
IGT		97	185	Sg		1 2	35.290	.200							
IGT		97	185	Pg		1 2	22.540	.400							
TIR		116	337	Pg		1 2	27.51	2.20							
PHP		142	0	Sn		1 2	50.56	2.10							
PHP		142	0	Pn		1 2	30.310	.500							
PHP		142	0	IAML		1 2	55.00			36	0.4				
THL		165	123	Pn		1 2	32.82	-.800							

SDA 199 338 Pn 1 2 38.14-1.00

October 23 2020 Hour: 2: 5 33.7 Lat: 40.24N Lon: 20.59E D: 5.2 Ag: TIR Regional
Magnitudes: 1.5ML TIR 1.5ML TIR Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK		11	177	Sg		2 5	37.570	.200							
LSK		11	177	Pg		2 5	36.010	.300							
NEST		43	63	Sg		2 5	47.12-	.200							
NEST		43	63	Pg		2 5	41.13-	.300							
NEST		43	63	IAML		2 5	48.30			107	0.2				
NEST		43	63	IAML		2 5	49.84			107	0.4				
KBN		46	21	Sg		2 5	47.370	.200							
KBN		46	21	Pg		2 5	41.780	.400							
KBN		46	21	IAML		2 5	48.83			71	0.4				
SRN		65	232	Sg		2 5	54.910	.400							
SRN		65	232	Pg		2 5	45.57-	.000							
SRN		65	232	IAML		2 5	56.48			71	0.5				
BERA		76	314	Sg		2 5	56.65-	.400							
BERA		76	314	Pg		2 5	46.57-	.500							
BERA		76	314	IAML		2 6	5.97			36	0.5				
IGT		82	197	Sg		2 6	0.58	1.40							
IGT		82	197	Pg		2 5	47.86-	.400							
KEK		90	230	Pn		2 5	48.20-	1.40							
PHP		160	356	Sn		2 6	21.930	.200							
PHP		160	356	Pn		2 6	1.470	.300							
PHP		160	356	IAML		2 6	28.12				0.5				

October 23 2020 Hour: 4: 8 29.9 Lat: 40.71N Lon: 20.30E D: 21.5 Ag: TIR Regional
Magnitudes: 1.0ML TIR 1.0ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA		30	0	Pg		4 8	35.240	.000							
BERA		30	270	Sg		4 8	40.43-	.100							
BERA		30	270	IAML		4 8	42.55			36	0.1				
BERA		30	270	IAML		4 8	42.06			36	0.1				
KBN		42	103	Sg		4 8	43.180	.100							
KBN		42	103	Pg		4 8	37.530	.100							
LSK		68	157	Sg		4 8	50.54-	.100							
LSK		68	157	Pg		4 8	41.63-	.100							
NEST		71	117	Sg		4 8	51.73-	.300							
NEST		71	117	Pg		4 8	41.61-	1.00							
NEST		71	117	IAML		4 8	54.29				0.3				
NEST		71	117	IAML		4 8	55.22				0.4				
SRN		96	196	Sg		4 8	59.670	.200							
SRN		96	196	Pg		4 8	46.820	.000							

October 23 2020 Hour: 14: 8 15.3 Lat: 43.06N Lon: 17.06E D: 16.2 Ag: TIR Regional
Magnitudes: 3.6ML TIR 3.6ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PDG		193	110	Sn		14 9	11.970	.100							
PDG		193	110	Pn		14 8	47.770	.200							
SDA		229	118	Sn		14 9	20.37-	.100							
SDA		229	118	Pn	C	14 8	53.51	1.00							
SDA		229	118	IAML		14 9	34.43			286	0.6				
NOCI		252	179	Sn		14 9	25.730	.000							
NOCI		252	179	Pn		14 8	55.700	.200							
NOCI		252	179	IAML		14 9	32.07			429	0.2				
PHP		314	0	Pn		14 9	6.350	.000							
PHP		318	117	Sn		14 9	40.570	.200							
PHP		318	117	IAML		14 9	59.54			286	0.8				
NEST		444	130	Sn		1410	7.47-	2.50							
NEST		444	130	Pn		14 9	20.58-	.300							
NEST		444	130	IAML		1410	9.76			36	0.5				

October 24 2020 Hour: 0:11 59.4 Lat: 39.05N Lon: 19.76E D: 33.1 Ag: TIR Regional
Magnitudes: 2.5ML TIR 2.5ML TIR Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT		72	42	S		012	21.99	-.300							
IGT		72	42	P		012	12.04	-.500							
SRN		95	12	S		012	29.320	.600							
SRN		95	12	Pg		012	16.06	-.100							
SRN		95	12	IAML		012	30.27			286	0.6				
LSK		141	30	S		012	41.140	.600							
LSK		141	30	P		012	23.300	.400							
BERA		185	4	S		012	49.92	-1.50							
BERA		185	4	P		012	29.630	.500							
BERA		185	4	IAML		012	50.48			36	0.5				
PHP		298	10	Sn		013	15.20	-1.90							
PHP		298	10	P		012	41.85	-2.00							
PHP		298	10	IAML		013	16.02				0.2				

October 26 2020 Hour: 13:42 14.1 Lat: 41.81N Lon: 20.14E D: 7.0 Ag: TIR Regional
Magnitudes: 2.2ML TIR 2.3MC TIR 2.2ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP		28	0	P		1342	20.020	.000							
PHP		28	117	S		1342	22.680	.000							
PHP		28	117	IAML		1342	25.05			643	0.3				
TIR		56	205	P		1342	23.49	-.500							
TIR		56	205	S		1342	31.470	.000							
TIR		56	205	IAML		1342	34.21			71	0.3				
TIR		56	205	END	A	1342	55.00		31						
TIR		56	205	A	A	1342	55.00				31.5				
SDA		60	298	S		1342	32.70	-.000							
SDA		60	298	P		1342	24.67	-.100							
SDA		60	298	IAML		1342	35.88			571	0.1				
SDA		60	298	END	A	1342	56.95		32						
SDA		60	298	A	A	1342	56.95				32.3				
PDG		100	314	S		1342	44.990	.100							

October 26 2020 Hour: 23:45 7.3 Lat: 39.98N Lon: 19.26E D: 5.3 Ag: TIR Regional
Magnitudes: 2.3ML TIR 2.3ML TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KEK		55	0	Pg		2345	15.810	.000							
KEK		55	122	Sg		2345	24.540	.100							
VLO		58	20	Sg		2345	24.01	-.200							
VLO		58	20	Pg		2345	17.370	.400							
VLO		58	20	IAML		2345	35.14			643	0.2				
SRN		65	99	Sg		2345	27.07	-.900							
SRN		65	99	Pg		2345	18.49	-.600							
BERA		100	35	Sg		2345	37.84	-.200							
BERA		100	35	Pg		2345	23.89	-.900							
BERA		100	35	IAML		2345	41.20			143	0.3				
IGT		105	118	Sg		2345	39.590	.200							
IGT		105	118	Pg		2345	26.310	.700							
IGT		105	118	IAML		2345	42.78			71	0.4				
LSK		116	80	Sg		2345	42.31	-.300							
LSK		116	80	Pg		2345	27.980	.500							
KBN		148	60	Sg		2345	52.100	.500							
KBN		148	60	Pg		2345	32.680	.100							
KBN		148	60	IAML		2345	57.45			107	0.7				
NEST		160	71	Sg		2345	55.770	.100							
NEST		160	71	Pg		2345	34.83	-.100							
NEST		160	71	IAML		2346	6.92			71	0.6				
NEST		160	71	IAML		2346	4.04			71	0.7				
LKD2		179	137	Sg		2345	58.37	-2.60							
LKD2		179	137	Pg		2345	37.41	-.600							
LKD2		179	137	IAML		2346	12.01			36	0.6				

NOCI 207 297 Pn 2345 42.470.000

October 27 2020 Hour: 18:49 31.5 Lat: 40.45N Lon: 16.99E D: 7.0 Ag: TIR Regional
Magnitudes: 3.1ML TIR 3.1ML TIR Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLO		212	88	S		1850	34.99	1.90							
VLO		212	88	P		1850	8.15	1.50							
VLO		212	88	IAML		1850	41.23			500	0.2				
BERA		252	82	S		1850	44.270.700								
BERA		252	82	P		1850	13.570.900								
BERA		252	82	IAML		1851	2.85			107	0.6				
TIR		261	0	Pn		1850	10.700.000								
TIR		262	66	Sn		1850	45.70-.300								
TIR		262	66	IAML		1850	47.67			71	0.5				
SRN		265	102	S		1850	44.90-2.10								
SRN		265	102	P		1850	13.81-.800								
SDA		276	48	S		1850	48.84-.200								
SDA		276	48	P		1850	14.79-1.00								
LSK		309	94	Pn		1850	21.90 1.90								
PHP		321	63	Pn		1850	20.43-1.10								
PHP		321	63	S		1850	59.270.200								
PHP		321	63	IAML		1851	7.15			71	0.3				

October 27 2020 Hour: 22:33 55.5 Lat: 40.45N Lon: 20.12E D: 7.0 Ag: TIR Regional
Magnitudes: 1.6ML TIR 1.6ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA		32	0	Pg		2234	1.520.000								
BERA		32	334	Sg		2234	5.84-.100								
BERA		32	334	IAML		2234	6.67			143	0.2				
LSK		52	128	Sg		2234	11.48-.200								
LSK		52	128	Pg		2234	5.110.400								
SRN		63	190	S		2234	15.98-.000								
SRN		63	190	P		2234	7.880.700								

October 29 2020 Hour: 1:12 50.4 Lat: 41.53N Lon: 19.80E D: 10.9 Ag: TIR Regional
Magnitudes: 1.5ML TIR 1.5ML TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		21	165	Sg		112	57.47-.100								
TIR		21	165	Pg		112	53.79-.700								
TIR		21	165	IAML		112	58.77			71	0.1				
PHP		56	72	Sg		113	7.620.200								
PHP		56	72	Pg		112	59.87-.200								
PHP		56	72	IAML		113	9.81			71	0.3				
SDA		63	337	Sg		113	10.270.300								
SDA		63	337	Pg		113	1.10-.500								
SDA		63	337	IAML		113	10.90			71	0.2				
BERA		92	0	Pg		113	4.280.000								
BERA		92	172	Sg		113	19.380.600								
NEST		162	139	Pn		113	17.51-.600								

October 29 2020 Hour: 14:52 7.5 Lat: 41.46N Lon: 19.64E D: 17.1 Ag: TIR Regional
Magnitudes: 1.8ML TIR 1.8ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		22	0	Pg		1452	10.600.000								
TIR		22	123	Sn		1452	15.830.000								
TIR		22	123	IAML		1452	15.59			321	0.1				
SDA		67	350	Pg		1452	19.590.200								
SDA		67	350	Sg		1452	28.18-.100								
PHP		71	69	Sn		1452	29.200.100								
PHP		71	69	Pg		1452	19.51-.300								
PHP		71	69	IAML		1452	33.50			71	0.4				
NEST		166	133	Sn		1452	55.06-1.20								
NEST		166	133	Pn		1452	35.34-.000								

October 29 2020 Hour: 18:50 49.4 Lat: 41.56N Lon: 20.21E D: 2.0 Ag: TIR Regional
Magnitudes: 1.7ML TIR 1.7ML TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP		23	0	Pg		1850	51.840	.000							
PHP		23	53	Sg		1850	56.38	-.600							
PHP		23	53	IAML		1850	57.21			250	0.1				
SDA		81	313	Sg		1851	15.270	.200							
SDA		81	313	Pg		1851	2.74	-1.30							
SDA		81	313	IAML		1851	21.71			36	0.2				
PDG		125	322	Sg		1851	28.400	.100							
PDG		125	322	Pg		1851	10.64	-1.00							
NEST		145	150	Sg		1851	33.98	-.300							
NEST		145	150	Pg		1851	14.84	-.200							
NEST		145	150	IAML		1851	38.59			36	0.5				

October 29 2020 Hour: 23:52 35.5 Lat: 41.46N Lon: 20.40E D: 11.4 Ag: TIR Regional
Magnitudes: 2.1ML TIR 2.1ML TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP		26	8	Sg		2352	43.720	.300							
PHP		26	8	Pg	C	2352	39.83	-.200							
PHP		26	8	IAML		2352	46.66			536	0.4				
TIR		46	255	Sg		2352	50.400	.400							
TIR		46	255	Pg		2352	43.71	-.100							
TIR		46	255	IAML		2352	52.36			286	0.4				
BERA		91	0	Pg		2352	50.540	.000							
BERA		91	205	Sg		2353	3.22	-.400							
BERA		91	205	IAML		2353	11.78			36	0.6				
KBN		98	160	Sg		2353	5.430	.500							
KBN		98	160	Pg		2352	52.08	-.200							
SDA		100	312	Sg		2353	7.09	1.00							
SDA		100	312	Pg		2352	52.41	-.500							
SDA		100	312	IAML		2353	9.35			214	0.4				
NEST		128	154	Sn		2353	14.560	.200							
NEST		128	154	Pn		2352	57.11	-.600							
NEST		128	154	IAML		2353	19.12			71	0.4				
PDG		143	320	Sg		2353	18.900	.500							
PDG		143	320	Pg		2352	59.29	-.700							
LSK		147	173	Sn		2353	20.67	1.50							
LSK		147	173	Pn		2353	0.830	.400							
IGT		215	182	Pn		2353	9.64	-1.50							

October 30 2020 Hour: 0:15 34.0 Lat: 41.49N Lon: 19.56E D: 11.7 Ag: TIR Regional
Magnitudes: 1.3ML TIR 1.3ML TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		30	121	Sg		015	42.61	-1.30							
TIR		30	121	Pg		015	39.36	-.300							
TIR		30	121	IAML		015	43.56			107	0.2				
SDA		62	356	Sg		015	53.960	.500							
SDA		62	356	Pg		015	44.52	-.600							
SDA		62	356	IAML		015	56.19			36	0.3				
PHP		77	73	Sg		015	57.490	.300							
PHP		77	73	Pg		015	46.80	-.500							
PHP		77	73	IAML		016	1.39			36	0.3				
BERA		91	0	Pg		015	50.610	.000							
BERA		92	159	Sg		016	3.040	.400							
BERA		92	159	IAML		016	4.76						0.4		
NEST		173	133	Sn		016	25.26	-.100							
NEST		173	133	Pn		016	3.500	.100							

October 30 2020 Hour: 2:12 23.1 Lat: 41.75N Lon: 19.47E D: 27.7 Ag: TIR Regional
 Magnitudes: 1.4ML TIR 1.4ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR			0	Pg		212	34.360	.000							
TIR		56	143	Sg		212	41.32-	.000							
TIR		56	143	IAML		212	42.31			36	0.2				
SDA		33	4	Sg		212	35.54-	.100							
SDA		33	4	Pg		212	30.470	.200							
SDA		33	4	IAML		212	35.73			250	0.1				
PDG		78	348	Sg		212	47.880	.800							
PDG		78	348	Pg		212	35.83-	1.00							
PHP		81	94	Sg		212	47.850	.100							
PHP		81	94	Pg		212	36.99-	.200							
PHP		81	94	IAML		212	48.12			36	0.3				

October 30 2020 Hour: 5:17 57.8 Lat: 40.99N Lon: 19.88E D: 15.4 Ag: TIR Regional
 Magnitudes: 2.8ML TIR 2.8ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA		33	0	Pg	C	518	3.400	.000							
BERA		32	170	Sg		518	8.47-	.100							
BERA		32	170	IAML		518	12.42			929	0.2				
TIR		39	359	Sg		518	10.760	.200							
TIR		39	359	Pg	D	518	5.270	.200							
TIR		39	359	IAML		518	18.17			1500	0.5				
VLO		67	210	Sg		518	19.73	2.40							
VLO		67	210	Pg		518	8.92-	.100							
VLO		67	210	IAML		518	22.41			1714	0.3				
KBN		87	117	Sg		518	24.66	1.00							
KBN		87	117	Pg	C	518	12.720	.200							
PHP		90	31	Sg		518	24.75-	.200							
PHP		90	31	Pg	C	518	12.58-	.700							
PHP		90	31	IAML		518	27.96			500	0.3				
LSK		111	146	Sg		518	31.860	.500							
LSK		111	146	Pg		518	16.52-	.400							
NEST		118	122	Sn		518	33.21-	.100							
NEST		118	122	Pn		518	18.150	.100							
NEST		118	122	IAML		518	40.82			179	0.4				
SDA		121	345	Sg		518	34.620	.200							
SDA		121	345	Pg		518	18.48-	.200							
SDA		121	345	IAML		518	39.70			357	0.4				
SRN		125	175	Sg		518	35.61-	.100							
SRN		125	175	Pg		518	19.540	.100							
IGT		167	166	Sn		518	46.89-	.100							
IGT		167	166	Pn		518	26.080	.200							
PDG		168	343	Sn		518	46.32-	.900							
PDG		168	343	Pn		518	25.88-	.100							

October 30 2020 Hour: 7:41 34.4 Lat: 37.28N Lon: 19.99E D: 5.7 Ag: TIR Regional
 Magnitudes: 3.4ML TIR 3.3MC TIR 3.4ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2		177	19	S		742	27.570	.000							
LKD2		177	19	P		742	4.72-	.100							
LKD2		177	19	IAML		742	35.73			500	0.3				
LKD2		177	19	END	A	743	36.05		91						
LKD2		177	19	A	A	743	36.05				91.3				
IGT		251	6	S		742	46.61-	.000							
IGT		251	6	P		742	17.05	1.40							
IGT		251	6	END		743	58.99		101						
IGT		251	6	A		743	58.99				99.9				
SRN		288	0	P		742	20.86-	.100							
THL		309	34	P		742	21.86-	1.40							
THL		309	34	END		744	5.34		103						
THL		309	34	A		744	5.34				99.9				

NOCI	464	328	P	742	43.84-	.000									
NOCI	464	328	END	744	46.99		123								
NOCI	464	328	A	744	46.99						99.9				

October 30 2020 Hour: 14:38 38.1 Lat: 41.47N Lon: 19.51E D: 15.6 Ag: TIR Regional
Magnitudes: 1.7ML TIR 1.7ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		32	0	P		1438	43.570	.000							
TIR		32	113	Sg		1438	47.18-	1.70							
TIR		32	113	IAML		1438	47.98			143	0.2				
PHP		81	72	S		1439	2.57-	.100							
PHP		81	72	Pg		1438	52.310	.200							
PHP		81	72	IAML		1439	5.74			71	0.4				
BERA		91	156	Pg		1438	53.98-	.200							
BERA		91	156	S		1439	6.310	.100							
BERA		91	156	IAML		1439	7.84			107	0.5				

October 30 2020 Hour: 21:41 29.8 Lat: 41.51N Lon: 19.53E D: 21.4 Ag: TIR Regional
Magnitudes: 2.5ML TIR 2.5ML TIR Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		32	0	Pg		2141	38.610	.000							
TIR		33	122	S		2141	43.75	2.60							
TIR		33	122	IAML		2141	44.59			929	0.2				
SDA		60	358	Sg		2141	49.130	.300							
SDA		60	358	Pg		2141	41.360	.700							
SDA		60	358	IAML		2141	50.39			1964	0.1				
PHP		78	75	Sg		2141	53.23-	.100							
PHP		78	75	Pg		2141	42.86-	.400							
PHP		78	75	IAML		2141	53.74			1643	0.4				
BERA		96	158	Sg		2141	58.27-	.300							
BERA		96	158	P		2141	46.370	.100							
BERA		96	158	IAML		2141	59.61			107	0.4				
PDG		105	348	Sg		2142	1.17-	.100							
PDG		105	348	Pg		2141	47.62-	.200							
KBN		145	132	Sg		2142	11.770	.400							
KBN		145	132	Pg		2141	53.720	.200							
KBN		145	132	IAML		2142	17.08			107	0.5				

October 30 2020 Hour: 22:26 28.7 Lat: 41.65N Lon: 20.26E D: 11.3 Ag: TIR Regional
Magnitudes: 1.9ML TIR 1.9ML TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP		16	0	Pg		2226	31.530	.000							
PHP		16	74	Sg		2226	33.950	.100							
PHP		16	74	IAML		2226	34.90			2321	0.2				
TIR		47	225	Sg		2226	43.620	.100							
TIR		47	225	Pg		2226	36.36-	.800							
TIR		47	225	IAML		2226	47.52			107	0.3				
SDA		78	306	Pg		2226	42.35-	.100							
SDA		78	306	Sg		2226	52.880	.200							
SDA		78	306	IAML		2226	55.86			214	0.2				
BERA		108	195	Sg		2227	2.540	.900							
BERA		108	195	Pg		2226	46.07-	1.40							
BERA		108	195	IAML		2227	8.56			36	0.4				
BERA		108	195	IAML		2227	8.74			36	0.3				
PDG		120	317	Sg		2227	5.580	.400							
PDG		120	317	Pg		2226	48.49-	1.10							
KBN		122	158	Sg		2227	4.94-	.000							
KBN		122	158	Pg		2226	49.890	.500							
KBN		122	158	IAML		2227	15.43			71	0.9				
NEST		152	153	Sg		2227	13.95-	.200							
NEST		152	153	Pg		2226	54.42-	.300							
LSK		169	170	Sg		2227	20.51	1.90							
LSK		169	170	Pg		2226	57.600	.400							
SRN		198	187	Sg		2227	27.05-	.500							

SRN 198 187 Pg 2227 4.47 2.20

October 31 2020 Hour: 7:10 4.4 Lat: 40.25N Lon: 20.50E D: 2.0 Ag: TIR Regional
Magnitudes: 1.3ML TIR 1.8MC TIR 1.3ML TIR Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK		15	143	S		710	8.27	-.800							
LSK		15	143	P		710	6.91	-.200							
LSK		15	143	END	A	710	33.85		26						
LSK		15	143	A	A	710	33.85				26.9				
KBN		48	30	S		710	19.69	0.500							
KBN		48	30	P		710	10.00	-2.90							
KBN		48	30	END	A	710	42.28		32						
KBN		48	30	A	A	710	42.28				32.3				
NEST		50	68	S		710	20.92	0.200							
NEST		50	68	P		710	13.77	0.000							
NEST		50	68	IAML		710	23.31			36	0.2				
NEST		50	68	END	A	710	52.21		38						
NEST		50	68	A	A	710	52.21				38.4				
SRN		59	226	S		710	24.34	0.200							
SRN		59	226	P		710	15.48	-.200							
SRN		59	226	END	A	710	51.61		36						
SRN		59	226	A	A	710	51.61				36.1				

October 31 2020 Hour: 17:39 44.2 Lat: 39.65N Lon: 20.30E D: 17.6 Ag: TIR Regional
Magnitudes: 3.1ML TIR 3.1ML TIR Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA			0	Pn	D	1740	5.62	0.000							
BERA		121	346	Sn		1740	24.73	4.20							
BERA		121	346	IAML		1740	31.16			714	0.5				
IGT		13	167	Sg		1739	50.91	0.400							
IGT		13	167	Pg	D	1739	47.80	0.000							
SRN		37	316	Sg		1739	57.51	0.600							
SRN		37	316	Pg	C	1739	51.51	0.100							
KEK		43	280	Sg		1739	58.70	0.400							
KEK		43	280	Pg	D	1739	51.41	-.900							
LSK		61	24	Sg		1740	2.90	-.400							
LSK		61	24	Pg	C	1739	54.06	-1.00							
LKD2		100	161	Sn		1740	16.93	2.30							
LKD2		100	161	Pn		1740	1.27	-.300							
LKD2		100	161	IAML		1740	21.57			821	0.3				
NEST		107	36	Pg		1740	1.52	-1.10							
KBN		117	20	Sn		1740	19.29	1.10							
KBN		117	20	Pn		1740	3.83	0.200							
THL		148	93	Sg		1740	28.65	0.800							
THL		148	93	Pg	D	1740	8.85	-.300							
PHP		227	3	Pn		1740	20.82	0.200							