

Seismological Bulletin

from the

Albanian Seismic Network (ASN)

November

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>.

November 1 2020 Hour: 6:15 26.0 Lat: 39.68N Lon: 20.33E D: 12.4 Ag: TIR Regional
 Magnitudes: 3.4ML TIR 3.4ML TIR Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA			0	Pn	C	615	46.600	.000							
BERA		119	345	Sn		616	6.90	4.80							
BERA		119	345	IAML		616	7.50			1036	0.3				
IGT		17	178	Sg		615	32.560	.500							
IGT		17	178	Pg	D	615	29.34	-.100							
SRN		36	309	Sg		615	39.41	1.20							
SRN		36	309	Pg	D	615	33.240	.300							
KEK		46	275	Sg		615	40.38	-.100							
KEK		46	275	Pg	C	615	33.07	-1.20							
LSK		58	23	Sg		615	43.57	-.200							
LSK		58	23	Pg	C	615	35.67	-.500							
NEST		102	36	Pg		615	43.08	-.800							
LKD2		102	163	Sg		615	58.220	.700							
LKD2		102	163	Pg		615	42.95	-1.00							
KBN		112	20	Sg		615	59.940	.500							
KBN		112	20	Pg	C	615	45.420	.300							
VLO		112	322	Sg		616	6.17	7.00							
VLO		112	322	Pg		615	48.79	3.80							
VLO		112	322	IAML		616	8.13			1929	0.4				
THL		146	94	Sg		616	10.010	.500							
THL		146	94	Pg		615	50.81	-.100							
TIR		189	349	Pn		615	57.890	.000							
PHP		224	2	Pn		616	2.35	-.100							

November 1 2020 Hour: 13:15 57.4 Lat: 43.74N Lon: 16.77E D: 7.0 Ag: TIR Regional
 Magnitudes: 4.7ML TIR 4.7ML TIR Rms: 9.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PDG		250	124	Sn		1317	20.64	11.6							
PDG		250	124	Pn		1316	35.89	-2.50							
SDA		291	129	Sn		1317	39.44	20.7							
SDA		291	129	Pn		1316	40.88	-3.00							
SDA		291	129	IAML		1318	11.76			2929	0.9				
NOCI		329	175	Sn		1317	13.73	-10.0							
NOCI		329	175	Pn		1316	39.41	-9.40							
NOCI		329	175	IAML		1317	24.28			3821	0.4				
TIR		368	135	Sn		1317	50.61	14.2							
TIR		368	135	Pn		1316	49.84	-4.10							
TIR		368	135	IAML		1318	14.68			929	0.6				
CUC		424	192	Pn		1316	48.52	-10.0							
BERA		427	141	Pn		1316	55.66	-6.10							
BERA		427	141	IAML		1318	0.42			607	0.4				
PHP		431	0	Pn		1316	52.450	.000							
PHP		378	125	Sn		1317	52.77	14.6							
PHP		378	125	IAML		1318	22.83			1964	1.0				
BZS		439	59	Pn		1316	51.21	-10.0							
KBN		480	134	Sn		1318	12.60	11.1							
KBN		480	134	Pn		1317	3.98	-4.30							
SRN		507	146	Pn		1317	5.41	-7.20							
TIP		507	181	Pn		1317	1.41	-10.0							
LSK		510	140	Pn		1317	7.02	-5.60							
VLC		515	278	Pn		1316	39.37	-10.0							

November 1 2020 Hour: 18:29 28.7 Lat: 39.73N Lon: 20.71E D: 7.0 Ag: TIR Regional
 Magnitudes: 1.9ML TIR 2.2MC 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		39	236	S		1829	40.79	-.300							
IGT		39	236	P		1829	35.69	-.100							
IGT		39	236	IAML		1829	46.36			393	0.2				
IGT		39	236	END	A	1830	22.51		46						
IGT		39	236	A	A	1830	22.51					46.8			

LSK	47	349	S		1829	43.520.300								
LSK	47	349	P		1829	37.420.400								
LSK	47	349	END	A	1830	30.20		52						
LSK	47	349	A	A	1830	30.20						52.8		
SRN	62	286	S		1829	48.850.100								
SRN	62	286	P		1829	39.47-.700								
SRN	62	286	END	A	1830	29.88		50						
SRN	62	286	A	A	1830	29.88						50.4		
NEST	81	21	S		1829	53.49-.200								
NEST	81	21	P		1829	42.59-.400								
NEST	81	21	IAML		1829	55.34				71	0.3			
NEST	81	21	END	A	1830	52.92		70						
NEST	81	21	A	A	1830	52.92						70.3		
LKD2	105	183	S		1830	1.010.200								
LKD2	105	183	P		1829	47.170.100								
LKD2	105	183	END	A	1830	58.17		70						
LKD2	105	183	A	A	1830	58.17						71.0		

November 1 2020 Hour: 23: 9 34.0 Lat: 38.85N Lon: 21.63E D: 17.5 Ag: TIR Regional
Magnitudes: 4.7ML TIR 4.7ML TIR Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA			0	Pn		2310	14.470.000								
BERA	252	326		Sn		2310	47.30 3.20								
BERA	252	326		IAML		2310	57.73		4214	0.8					
LKD2	85	266		Sg		2310	1.20 1.10								
LKD2	85	266		Pg		23 9	48.53-.400								
THL	87	22		Sg		2310	1.080.600								
THL	87	22		Pg		23 9	48.99-.200								
KLV	100	152		Sg		2310	3.68-.700								
KLV	100	152		Pg		23 9	52.34 1.00								
IGT	136	305		Sg		2310	16.81 2.50								
IGT	136	305		Pg		23 9	57.300.300								
LSK	170	329		Sn		2310	26.90 3.30								
LSK	170	329		Pn		2310	1.96-.400								
NEST	181	345		Pn		2310	4.840.600								
SRN	181	310		Sn		2310	27.12-.600								
SRN	181	310		Pn		2310	4.41-.300								
KEK	186	302		S		2310	28.150.000								
KEK	186	302		P		2310	3.53-1.40								
KBN	210	341		Sn		2310	34.60 1.00								
KBN	210	341		Pn		2310	8.470.400								
VLO	257	316		Sn		2310	50.36 6.30								
VLO	257	316		Pn		2310	14.940.900								
VLO	257	316		IAML		2310	54.06		12000	0.6					
TIR	316	333		Sn		2310	57.62-1.30								
TIR	316	333		Pn		2310	22.51-.000								
TIR	316	333		IAML		2310	59.45		2214	0.6					
SDA	399	334		Pn		2310	31.68-1.90								

November 3 2020 Hour: 1:49 11.1 Lat: 41.52N Lon: 19.56E D: 7.0 Ag: TIR Regional
Magnitudes: 1.1ML TIR 1.1ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		31	0	Pg		149	17.040.000								
TIR		32	126	Sg		149	21.19-.000								
TIR		32	126	IAML		149	22.18		36	0.2					
SDA		60	355	Sg		149	29.53-.100								
SDA		60	355	Pg		149	21.17-.500								
SDA		60	355	IAML		149	31.63		36	0.3					
PHP		76	75	Sg		149	34.040.000								
PHP		76	75	Pg		149	23.10-1.10								
PHP		76	75	IAML		149	37.42		36	0.2					
PDG		105	347	Sg		149	43.070.000								
PDG		105	347	Pg		149	29.400.100								

November 4 2020 Hour: 6:9 21.4 Lat: 41.06N Lon: 20.27E D: 2.0 Ag: TIR Regional
 Magnitudes: 1.6ML TIR 1.6ML TIR Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		47	313	Sg		6 9	36.61	-.000							
TIR		47	313	Pg		6 9	29.74	-.400							
TIR		47	313	IAML		6 9	39.27			107	0.3				
BERA		48	0	Pg		6 9	28.55	0.000							
BERA		48	216	Sg		6 9	35.69	-1.40							
BERA		48	216	IAML		6 9	36.73			71	0.1				
BERA		48	216	IAML		6 9	37.54			71	0.2				
KBN		66	138	Sg		6 9	41.39	-.100							
KBN		66	138	Pg		6 9	32.12	-.700							
KBN		66	138	IAML		6 9	45.12			429	0.5				
PHP		70	11	Sg		6 9	43.41	0.100							
PHP		70	11	Pg		6 9	33.39	-.500							
PHP		70	11	IAML		6 9	45.09			71	0.3				
NEST		98	137	Sg		6 9	50.97	-1.00							
NEST		98	137	Pg		6 9	37.69	-1.20							
NEST		98	137	IAML		6 9	54.80			71	0.3				
LSK		106	164	Sg		6 9	53.77	-.200							
LSK		106	164	Pg		6 9	43.28	3.30							
SDA		128	330	Sg		610	0.96	0.000							
SDA		128	330	Pg		6 9	43.33	-.700							
SRN		133	191	Sg		610	3.30	-.100							
SRN		133	191	Pg		6 9	44.62	-.800							
IGT		170	178	Sg		610	14.00	0.700							

November 4 2020 Hour: 11:11 9.1 Lat: 40.15N Lon: 21.53E D: 19.5 Ag: TIR Regional
 Magnitudes: 3.5ML TIR 2.6MC TIR 3.5ML TIR Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST		51	306	S		1111	25.16	-.300							
NEST		51	306	P		1111	18.59	0.200							
NEST		51	306	IAML		1111	27.94			11893	0.4				
NEST		51	306	END	A	1112	3.15		44						
NEST		51	306	A	A	1112	3.15				44.5				
LSK		80	271	P		1111	22.54	-.400							
LSK		80	271	END	A	1112	13.44		50						
LSK		80	271	A	A	1112	13.44				50.9				
KBN		82	310	S		1111	33.44	-.100							
KBN		82	310	P		1111	23.05	0.000							
KBN		82	310	END	A	1112	15.03		51						
KBN		82	310	A	A	1112	15.03				52.0				
IGT		123	237	S		1111	45.67	-.200							
IGT		123	237	P		1111	30.29	0.200							
IGT		123	237	END	A	1112	34.11		63						
IGT		123	237	A	A	1112	34.11				63.8				
SRN		135	258	S		1111	49.35	-.100							
SRN		135	258	P		1111	32.49	0.300							
SRN		135	258	END	A	1112	30.93		58						
SRN		135	258	A	A	1112	30.93				58.4				
BERA		143	0	P		1111	33.87	0.000							
BERA		149	296	S		1111	53.13	0.400							
BERA		149	296	IAML		1111	56.81			1000	0.4				
VLO		177	283	P		1111	38.79	0.900							
VLO		177	283	END	A	1112	57.30		78						
VLO		177	283	A	A	1112	57.30				78.5				
PHP		193	332	S		1112	3.04	-1.70							
PHP		193	332	P		1111	40.49	-.400							
PHP		193	332	IAML		1112	5.59			500	0.4				
PHP		193	332	END	A	1112	46.83		66						
PHP		193	332	A	A	1112	46.83				66.3				
TIR		193	314	P		1111	41.20	0.100							
TIR		193	314	END	A	1112	47.91		66						

TIR	193	314	A	A	1112	47.91											66.7
NOCI	386	283	P		1112	3.71	-2.90										
NOCI	386	283	END		1113	53.26			109								
NOCI	386	283	A		1113	53.26											99.9

November 5 2020 Hour: 17: 4 32.8 Lat: 39.14N Lon: 20.39E D: 13.9 Ag: TIR Regional
Magnitudes: 2.8ML TIR 2.4MC TIR 2.8ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT		43	353	S		17	4	45.91-.900							
IGT		43	353	P		17	4	40.74-.000							
IGT		43	353	END	A	17	5	24.61	43						
IGT		43	353	A	A	17	5	24.61			43.9				
LKD2		46	149	S		17	4	47.230.000							
LKD2		46	149	P		17	4	40.08-.900							
LKD2		46	149	END	A	17	5	33.43	53						
LKD2		46	149	A	A	17	5	33.43			53.3				
SRN		89	338	S		17	5	1.050.300							
SRN		89	338	P		17	4	48.43-.300							
SRN		89	338	IAML		17	5	8.03		500	0.3				
SRN		89	338	END	A	17	5	53.49	65						
SRN		89	338	A	A	17	5	53.49			65.1				
LSK		113	8	S		17	5	6.90-.100							
LSK		113	8	P		17	4	52.380.100							
LSK		113	8	END	A	17	6	9.73	77						
LSK		113	8	A	A	17	6	9.73			77.4				
KBN		168	11	P		17	5	0.860.200							
KBN		168	11	END	A	17	6	5.04	64						
KBN		168	11	A	A	17	6	5.04			64.2				
BERA		178	0	P		17	5	2.590.000							
BERA		178	348	S		17	5	25.22-.100							
BERA		178	348	IAML		17	5	30.61		143	0.5				

November 5 2020 Hour: 19:25 0.9 Lat: 41.44N Lon: 20.37E D: 13.8 Ag: TIR Regional
Magnitudes: 1.9ML TIR 2.3MC TIR 1.9ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP		28	12	S		1925		9.700.000							
PHP		28	12	P		1925		5.90-.000							
PHP		28	12	IAML		1925		10.35		964	0.2				
PHP		28	12	END	A	1925		29.63	23						
PHP		28	12	A	A	1925		29.63			23.7				
TIR		43	257	S		1925		14.89-.000							
TIR		43	257	P		1925		8.930.000							
TIR		43	257	IAML		1925		16.87		107	0.2				
TIR		43	257	END	A	1925		39.83	30						
TIR		43	257	A	A	1925		39.83			30.9				
BERA		89	0	S		1925		29.790.000							
SDA		99	314	S		1925		31.280.000							
SDA		99	314	P		1925		18.06-.200							
SDA		99	314	IAML		1925		32.80		107	0.2				
SDA		99	314	END	A	1925		51.48	33						
SDA		99	314	A	A	1925		51.48			33.4				
NEST		128	153	S		1925		39.34-.000							
NEST		128	153	P		1925		24.55 1.70							
NEST		128	153	IAML		1925		46.78			0.3				
NEST		128	153	END	A	1926		35.43	70						
NEST		128	153	A	A	1926		35.43			70.9				
PDG		143	321	S		1925		43.650.000							

November 6 2020 Hour: 1:4 6.2 Lat: 41.16N Lon: 20.07E D: 6.2											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
TIR		27	320	Sg		1	4	14.71-.200							
TIR		27	320	Pg	D	1	4	11.330.200							
TIR		27	320	IAML		1	4	15.24		929	0.4				
BERA		51	0	Pg		1	4	15.090.000							
BERA		51	193	Sg		1	4	22.500.300							
BERA		51	193	IAML		1	4	23.67		393	0.2				
PHP		66	27	Sg		1	4	26.590.500							
PHP		66	27	Pg		1	4	17.09-.400							
PHP		66	27	IAML		1	4	27.54		357	0.2				
KBN		85	134	Sg		1	4	31.750.300							
KBN		85	134	Pg		1	4	20.40-.200							
VLO		91	213	Sg		1	4	33.140.200							
VLO		91	213	Pg		1	4	22.71 1.20							
VLO		91	213	IAML		1	4	39.87		250	0.4				
SDA		110	335	Sg		1	4	39.76-.100							
SDA		110	335	Pg		1	4	24.24-1.20							
SDA		110	335	IAML		1	4	41.16		214	0.2				
NEST		117	134	Pn		1	4	26.51-.100							
LSK		121	158	Sg		1	4	44.34 1.50							
LSK		121	158	Pg		1	4	26.29-.900							
SRN		142	183	Sn		1	4	50.19-.000							
SRN		142	183	Pn		1	4	31.510.200							
PDG		157	335	Sg		1	4	53.660.200							
PDG		157	335	Pg		1	4	31.49-1.70							
IGT		182	173	Sn		1	5	0.53-.200							
IGT		182	173	Pn		1	4	37.03-.300							

November 6 2020 Hour: 6:5 23.1 Lat: 41.51N Lon: 19.74E D: 3.1											Ag: TIR Regional				
Magnitudes: 2.5ML TIR					2.5ML TIR					Rms: 0.2 secs					
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		21	148	Sg		6	5	29.52-.800							
TIR		21	148	Pg	D	6	5	27.260.000							
TIR		21	148	IAML		6	5	31.38		1286	0.3				
PHP		62	71	Sg		6	5	42.21-.100							
PHP		62	71	Pg		6	5	33.96-.100							
PHP		62	71	IAML		6	5	46.66		750	0.4				
SDA		63	342	Sg		6	5	43.270.100							
SDA		63	342	Pg		6	5	34.40-.200							
SDA		63	342	IAML		6	5	44.59		607	0.1				
BERA		91	0	Pg	C	6	5	39.310.000							
BERA		91	168	Sg		6	5	51.10-.400							
BERA		91	168	IAML		6	6	0.06		143	0.3				
PDG		109	340	Sg		6	5	57.170.100							
PDG		109	340	Pg		6	5	41.37-1.20							
KBN		132	137	Sn		6	6	3.400.200							
KBN		132	137	Pn		6	5	46.790.800							
LSK		168	153	Pn		6	5	52.500.400							

November 6 2020 Hour: 10:16 41.7 Lat: 40.45N Lon: 20.80E 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		20	357	Sg		10	16	47.800.200							
KBN		20	357	Pg		10	16	44.92-.200							
KBN		20	357	IAML		10	16	48.70		179	0.3				
NEST		21	99	S		10	16	48.960.000							
NEST		21	99	Pg		10	16	45.81-.000							
NEST		21	99	IAML		10	16	50.12		107	0.3				
LSK		37	208	Sg		10	16	53.64-.300							
LSK		37	208	Pg		10	16	47.10-1.60							
IGT		109	202	S		10	17	16.240.400							

IGT 109 202 Pg 1017 1.480.300

November 6 2020 Hour: 11:31 4.7 Lat: 41.74N Lon: 19.63E 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
TIR			0	P		1131	10.910	0.000							
TIR		48	155	S		1131	16.61	-3.50							
TIR		48	155	IAML		1131	19.63			857	0.5				
SDA		37	343	Sg		1131	16.940	0.000							
SDA		37	343	Pg		1131	10.91	-.800							
SDA		37	343	IAML		1131	20.77			929	0.3				
PHP		68	94	Sg		1131	25.920	0.100							
PHP		68	94	P		1131	15.65	-1.10							
PHP		68	94	IAML		1131	30.76			500	0.6				
PDG		83	339	S		1131	30.55	-.300							
PDG		83	339	Pg		1131	18.98	-.600							
BERA		117	166	S		1131	43.22	2.10							
BERA		117	166	Pg		1131	24.52	-1.00							
BERA		117	166	IAML		1131	46.41			214	0.4				
KBN		157	141	Sg		1131	52.500	0.400							
KBN		157	141	P		1131	31.830	0.000							

November 6 2020 Hour: 12:56 13.1 Lat: 40.49N Lon: 21.14E D: 18.0 Ag: TIR Regional
Magnitudes: 1.5ML TIR 1.5ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST		16	0	Pg		1256	13.220	0.000							
NEST		12	222	S		1256	19.21	-.000							
NEST		12	222	IAML		1256	20.27			143	0.3				
KBN		33	296	S		1256	23.56	-.000							
KBN		33	296	Pg		1256	17.66	-1.40							
LSK		60	231	S		1256	32.340	0.500							
LSK		60	231	Pg		1256	23.820	0.000							
IGT		128	214	Sg		1256	51.00	-.100							
IGT		128	214	P		1256	34.850	0.000							

November 6 2020 Hour: 14:39 32.9 Lat: 41.68N Lon: 19.61E D: 22.5 Ag: TIR Regional
Magnitudes: 1.5ML TIR 1.5ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SDA			0	Pg		1439	40.480	0.000							
SDA		42	348	Sg		1439	47.000	0.000							
SDA		42	348	IAML		1439	48.63			71	0.4				
SDA		42	348	IAML		1439	49.49			71	0.4				
TIR		42	149	Pg		1439	38.90	-2.00							
TIR		42	149	Sg		1439	46.92	-.000							
TIR		42	149	IAML		1439	49.02			107	0.5				
TIR		42	149	IAML		1439	48.55			71	0.2				
PHP		69	89	Sg		1439	53.890	0.000							
PHP		69	89	Pg		1439	44.89	-.000							
PHP		69	89	IAML		1439	57.51			71	0.3				
NEST		185	138	Sn		1440	26.49	-.000							

November 6 2020 Hour: 22:14 58.0 Lat: 39.62N Lon: 18.75E D: 20.1 Ag: TIR Regional
Magnitudes: 2.8ML TIR 2.8ML TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KEK		90	83	Sg		2215	24.77	-.700							
KEK		90	83	Pg		2215	13.11	-.600							
SRN		111	74	Sg		2215	31.72	-.100							
SRN		111	74	Pg		2215	17.930	0.600							
VLO		113	33	Sg		2215	33.99	3.30							
VLO		113	33	Pg		2215	19.09	2.40							
VLO		113	33	IAML		2215	37.78			393	0.3				
IGT		136	93	Sg		2215	38.470	0.300							
IGT		136	93	Pg		2215	21.030	0.100							
BERA		156	0	Pn		2215	24.060	0.000							

BERA	158	39	Sn	2215	44.22-	.100													
BERA	158	39	IAML	2215	46.71					36	0.6								
LSK	169	69	Sg	2215	48.38	1.30													
LSK	169	69	Pg	2215	26.070	.000													
NOCI	193	313	Sn	2215	53.94-	.000													
NOCI	193	313	Pn	2215	29.88-	.100													
NOCI	193	313	IAML	2215	57.92					107	0.2								
NEST	216	65	Pn	2215	33.090	.200													

November 6 2020 Hour: 22:33 20.4 Lat: 39.67N Lon: 20.81E D: 2.0 Ag: TIR Regional
Magnitudes: 2.0ML TIR 2.0ML TIR Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT		45	251	Sg		2233	34.79-	.100							
IGT		45	251	Pg		2233	27.43-	1.20							
LSK		57	342	Sg		2233	38.42-	.100							
LSK		57	342	Pg		2233	29.61-	1.10							
SRN		73	290	Sg		2233	44.380	.000							
SRN		73	290	Pg	C	2233	32.56-	1.50							
NEST		86	13	Sg		2233	47.460	.100							
NEST		86	13	Pg		2233	33.75-	2.10							
NEST		86	13	IAML		2233	48.17			71	0.5				
LKD2		98	188	Sn		2233	51.360	.200							
LKD2		98	188	Pn		2233	37.22-	.800							
THL		103	95	Pn		2233	39.360	.400							
KBN		107	359	Pn		2233	39.680	.800							
BERA		138	0	Pn		2233	46.270	.000							
BERA		137	328	Sn		2234	3.670	.700							
BERA		137	328	IAML		2234	15.87			36	0.5				

November 7 2020 Hour: 3:50 51.6 Lat: 40.94N Lon: 19.99E D: 4.2 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
BERA		26	0	Pg	D	350	55.830	.000							
BERA		26	188	Sg		350	59.75-	.600							
BERA		26	188	IAML		351	0.48			1286	0.1				
TIR		47	348	Sg		351	6.13-	.300							
TIR		47	348	Pg	D	350	59.96-	.100							
TIR		47	348	IAML		351	9.51			107	0.1				
VLO		67	219	Sg		351	11.450	.100							
VLO		67	219	Pg	C	351	3.290	.400							
VLO		67	219	IAML		351	17.32			500	0.3				
KBN		77	117	Sg		351	15.060	.400							
KBN		77	117	Pg		351	4.57-	.200							
PHP		91	24	P		351	5.46-	2.00							
LSK		102	149	Sn		351	22.78-	.200							
LSK		102	149	Pg		351	8.38-	1.10							
NEST		107	122	Pn		351	10.50-	.000							
SRN		118	179	Sg		351	28.31-	.200							
SRN		118	179	Pg		351	12.19-	.500							
SDA		130	342	S		351	31.520	.000							
SDA		130	342	P		351	13.52-	.900							
SDA		130	342	IAML		351	36.06			71	0.3				
IGT		159	169	Sn		351	40.060	.000							
IGT		159	169	Pn		351	19.470	.200							
PDG		176	341	Sn		351	44.850	.200							
PDG		176	341	Pn		351	21.930	.000							

November 7 2020 Hour: 5:50 30.9 Lat: 40.65N Lon: 19.81E D: 8.7 Ag: TIR Regional
Magnitudes: 2.0ML TIR 2.0ML TIR Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA		15	0	Pg	D	550	32.920	.000							
BERA		13	62	Sg		550	35.53-	.200							
BERA		13	62	IAML		550	36.53			571	0.2				
VLO		33	233	Sg		550	42.00	1.70							

VLO	33	233	Pg	550	36.410.100												
VLO	33	233	IAML	550	45.79					857	0.2						
KBN	83	91	Sg	550	55.990.200												
KBN	83	91	Pg	550	44.03-1.10												
SRN	88	168	Sg	550	58.660.200												
SRN	88	168	Pg	D 550	46.26-.400												
LSK	88	129	Pg	550	46.470.300												
KEK	105	181	Sg	551	3.080.100												
KEK	105	181	Pg	550	47.43-1.80												
PHP	127	24	Sn	551	9.080.000												
PHP	127	24	Pn	550	54.08 1.40												
PHP	127	24	IAML	551	14.25					36	0.5						
IGT	132	160	Sn	551	10.92-.300												
IGT	132	160	Pn	550	54.200.300												

November 7 2020 Hour: 8: 2 30.7 Lat: 40.64N Lon: 20.31E 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
BERA		31	284	S		8 2	40.850.000								
BERA		31	284	P		8 2	36.19-.300								
BERA		31	284	IAML		8 2	42.55			107	0.2				
KBN		41	92	S		8 2	42.68-.100								
KBN		41	92	P		8 2	37.620.000								
LSK		60	155	S		8 2	49.13-.000								
LSK		60	155	P		8 2	41.600.300								
NEST		68	0	P		8 2	42.510.000								
NEST		68	111	S		8 2	51.750.000								
NEST		68	111	IAML		8 2	54.31						0.4		

November 7 2020 Hour: 9:41 53.4 Lat: 41.29N Lon: 20.09E D: 12.2 Ag: TIR Regional
Magnitudes: 1.7ML TIR 1.7ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		20	0	P		941	57.020.000								
TIR		20	289	S		942	0.47-.000								
TIR		20	289	IAML		942	1.40			321	0.3				
PHP		52	33	S		942	9.690.200								
PHP		52	33	P		942	2.57-.100								
PHP		52	33	IAML		942	14.41			107	0.6				
BERA		66	191	S		942	14.160.200								
BERA		66	191	P		942	4.94-.200								
BERA		66	191	IAML		942	19.24			71	0.3				
KBN		95	141	S		942	23.45 1.80								
SDA		98	330	S		942	23.610.100								

November 7 2020 Hour: 11:19 40.4 Lat: 40.51N Lon: 20.85E D: 12.8 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
KBN		13	339	S		1119	45.150.100								
KBN		13	339	P		1119	43.01-.100								
KBN		13	339	IAML		1119	46.32			893	0.2				
NEST		20	0	P		1119	44.650.000								
NEST		20	121	S		1119	47.540.000								
NEST		20	121	IAML		1119	51.11			429	0.3				
NEST		20	121	IAML		1119	50.03			357	0.2				
LSK		46	209	S		1119	54.670.100								
LSK		46	209	P		1119	48.30-.200								
BERA		79	287	S		1120	5.00-.000								
BERA		79	287	P		1119	53.87-.600								
BERA		79	287	IAML		1120	9.85			71	0.4				
BERA		79	287	IAML		1120	9.41			71	0.3				
SRN		100	227	S		1120	11.960.200								
SRN		100	227	P		1119	58.15-.200								
SRN		100	227	IAML		1120	21.51			71	0.7				
IGT		117	203	P		1120	1.000.300								

KEK 126 226 P 1119 59.92-2.20

November 8 2020 Hour: 0:13 45.8 Lat: 39.24N Lon: 20.33E D: 27.9 Ag: TIR Regional
Magnitudes: 2.9ML TIR 2.9ML TIR Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT		32	0	Sg		013	58.370	.300							
IGT		32	0	Pg		013	52.860	.100							
IGT		32	0	IAML		013	58.99			2964	0.3				
LKD2		58	150	Sg		014	5.050	.500							
LKD2		58	150	Pg		013	56.490	.000							
LKD2		58	150	IAML		014	8.10			1679	0.3				
KEK		70	0	Pg		013	57.280	.000							
KEK		70	319	Sg		014	7.05-	.700							
SRN		77	339	Sg		014	10.04-	.100							
SRN		77	339	Pg		013	59.900	.200							
SRN		77	339	IAML		014	11.77			429	0.3				
LSK		103	12	Sg		014	16.73-	.000							
LSK		103	12	Pg		014	3.31-	.200							
NEST		143	25	Sg		014	28.07-	.100							
NEST		143	25	Pg		014	9.84-	.200							
NEST		143	25	IAML		014	33.42			214	0.4				
NEST		143	25	IAML		014	31.98			393	0.4				
THL		149	75	Sg		014	26.20-	3.40							
THL		149	75	Pg		014	9.83-	1.00							
VLO		153	333	Sg		014	31.95	2.30							
VLO		153	333	Pg		014	12.95	2.10							
VLO		153	333	IAML		014	40.34			357	0.3				
KBN		158	14	Sg		014	31.430	.200							
KBN		158	14	Pg		014	12.620	.900							
KBN		158	14	IAML		014	40.13			143	0.5				
BERA		166	349	Sg		014	34.380	.400							
BERA		166	349	Pg		014	13.06-	.300							
BERA		166	349	IAML		014	37.25			179	0.3				
KLV		207	129	Pg		014	18.65-	.300							
TIR		237	351	Pn		014	20.26-	2.70							
TIR		237	351	IAML		015	0.90			36	0.7				
PHP		271	1	Pn		014	25.07-	2.10							
SDA		320	348	Pn		014	29.94-	3.90							

November 8 2020 Hour: 11:58 14.6 Lat: 41.57N Lon: 19.99E D: 2.0 Ag: TIR Regional
Magnitudes: 1.8ML TIR 2.8MC TIR 1.8ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP		40	0	P		1158	22.400	.000							
PHP		39	70	S		1158	27.16-	.000							
PHP		39	70	IAML		1158	30.44			321	0.4				
SDA		68	323	S		1158	36.210	.000							
SDA		68	323	P		1158	26.88-	.000							
SDA		68	323	IAML		1158	40.38			71	0.2				
SDA		68	323	END	A	1159	6.18		39						
SDA		68	323	A	A	1159	6.18				39.3				
PDG		113	328	P		1158	34.69-	.100							
PDG		113	328	S		1158	49.85-	.000							
PDG		113	328	END	A	1159	25.40		50						
PDG		113	328	A	A	1159	25.40				50.7				
NEST		156	144	P		1158	41.980	.000							
NEST		156	144	END	A	1159	45.11		63						
NEST		156	144	A	A	1159	45.11				63.1				

November 8 2020 Hour: 17:42 19.9 Lat: 39.52N Lon: 20.15E D: 2.6 Ag: TIR Regional
Magnitudes: 1.6ML TIR 1.6ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT		16	84	S		1742	25.230	.100							
IGT		16	84	P		1742	22.920	.000							
IGT		16	84	IAML		1742	27.62			286	0.2				
KEK		38	306	S		1742	31.87-	.500							
KEK		38	306	P		1742	25.67-	1.30							
SRN		42	342	S		1742	34.750	.300							
SRN		42	342	P		1742	28.210	.000							
SRN		42	342	IAML		1742	37.68			179	0.3				
LKD2		92	151	S		1742	48.930	.200							
LKD2		92	151	P		1742	36.36-	.000							
LKD2		92	151	IAML		1742	54.78			36	0.3				
NEST		126	37	S		1742	58.910	.100							
NEST		126	37	P		1742	42.08-	.100							
NEST		126	37	IAML		1743	0.07			36	1.6				

November 8 2020 Hour: 20:41 50.0 Lat: 38.41N Lon: 20.51E D: 9.9 Ag: TIR Regional
Magnitudes: 2.3ML TIR 2.3ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2		43	17	S		2042	3.79-	.100							
LKD2		43	17	P		2041	57.930	.000							
IGT		126	353	S		2042	28.200	.000							
IGT		126	353	P		2042	11.900	.100							
KLK		149	105	P		2042	14.98-	.700							
KEK		157	338	S		2042	36.86-	.200							
KEK		157	338	P		2042	16.980	.100							
SRN		169	345	S		2042	40.81-	.200							
SRN		169	345	P		2042	19.04-	.100							
ITM		186	137	P		2042	21.420	.000							
LSK		192	2	S		2042	47.710	.800							
NEST		227	11	S		2042	55.30-	.500							
NEST		227	11	P		2042	27.630	.000							
NEST		227	11	IAML		2043	4.61			36	0.8				

November 8 2020 Hour: 23:16 56.3 Lat: 41.57N Lon: 19.64E D: 22.9 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		31	0	Pg		2317	2.560	.000							
TIR		31	142	S		2317	7.280	.000							
TIR		31	142	IAML		2317	8.49			71	0.1				
SDA		55	348	Sg		2317	13.64-	.100							
SDA		55	348	Pg		2317	5.43-	.900							
SDA		55	348	IAML		2317	16.23			36	0.2				
PHP		68	79	Sg		2317	17.120	.100							
PHP		68	79	Pg		2317	8.11-	.100							
PHP		68	79	IAML		2317	19.12			36	0.2				
BERA		99	164	Sg		2317	26.04-	.200							
BERA		99	164	P		2317	13.660	.300							
BERA		99	164	IAML		2317	29.17			36	0.3				
PDG		100	343	Sg		2317	26.650	.100							
PDG		100	343	P		2317	12.78-	.800							

November 9 2020 Hour: 5: 2 26.6 Lat: 41.00N Lon: 19.97E D: 16.3 Ag: TIR Regional
Magnitudes: 1.6ML TIR 1.6ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA		32	185	S		5 2	37.700	.100							
BERA		32	185	Pg		5 2	32.80-	.100							
BERA		32	185	IAML		5 2	38.68			321	0.2				
TIR		40	0	Pg		5 2	34.000	.000							
TIR		40	347	Sg		5 2	39.59-	.000							
TIR		40	347	IAML		5 2	39.68			71	0.3				

PHP	86	27	S	5	2	52.620.100													
PHP	86	27	Pg	5	2	41.23-.200													
PHP	86	27	IAML	5	2	56.17				36	0.3								
SDA	123	342	Sg	5	3	4.300.700													
SDA	123	342	P	5	2	47.840.100													
SRN	125	178	Sg	5	3	3.90-.700													
SRN	125	178	P	5	2	48.320.000													

November 10 2020 Hour: 0:11 48.1 Lat: 38.96N Lon: 16.07E D: 0.0 Ag: TIR Local
Magnitudes: 2.2ML TIR Rms: 1.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KEK	HZ	332	74	IP		012	38.16	-1.45							1.0
KEK	HN	332	74	ES		013	17.44	-.290							1.0
SRN	HZ	354	72	IP		012	42.840	.560							1.0
SRN	HN	354	72	ES		013	24.28	1.90							1.0
SRN	HZ	354	72	IAML		013	28.47			2	0.1				
IGT	HZ	373	79	IP		012	43.45	-1.39							1.0
IGT	HN	373	79	ES		013	27.020	.200							1.0
IGT	HZ	373	79	ES		013	27.640	.820							1.0
SDA	HZ	450	39	IP		012	54.760	.300							1.0
NEST	HZ	457	68	IP		012	57.39	1.93							1.0
NEST	HE	457	68	ES		013	42.72	-2.59							1.0

November 10 2020 Hour: 17:52 29.2 Lat: 40.15N Lon: 19.64E D: 8.5 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
VLO		38	342	Sg		1752	41.37	1.50							
VLO		38	342	Pg		1752	35.720	.400							
VLO		38	342	IAML		1752	42.84			714	0.2				
SRN		43	133	Sg		1752	43.26	-.200							
SRN		43	133	Pg		1752	36.95	-.400							
KEK		50	164	Sg		1752	45.080	.100							
KEK		50	164	Pg		1752	36.23	-2.00							
BERA		68	0	Pg		1752	39.810	.000							
BERA		67	22	Sg		1752	49.78	-.300							
BERA		67	22	IAML		1752	54.66			214	0.4				
LSK		82	89	Sg		1752	54.600	.400							
LSK		82	89	Pg	D	1752	43.19	-.300							
IGT		91	139	Sg		1752	57.790	.700							
IGT		91	139	Pg		1752	45.190	.000							
NEST		123	75	Sn		1753	7.140	.100							
NEST		123	75	Pn		1752	50.42	-.400							
NEST		123	75	IAML		1753	10.78			71	0.5				
NOCI		229	289	Pn		1753	7.260	.000							

November 10 2020 Hour: 22:52 22.5 Lat: 40.41N Lon: 21.50E D: 0.0 Ag: TIR Local
Magnitudes: 2.2ML TIR Rms: 21.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HE	65	291	IP		2252	13.16	-21.2							1.0
KBN	HE	65	291	ES		2252	25.12	-18.0							1.0
LSK	HE	82	250	IP		2252	19.14	-18.3							1.0
LSK	HE	82	250	ES		2252	51.03	2.49							1.0
BPA2	HZ	164	283	IP		2253	24.92	34.0							1.0
BPA2	HZ	164	283	ES		2253	32.89	21.0							1.0

November 11 2020 Hour: 3:54 11.5 Lat: 41.77N Lon: 20.98E D: 6.4 Ag: TIR Regional
Magnitudes: 5.1ML TIR 5.1ML TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP		46	258	Sg		354	23.30	-2.00							
PHP		46	258	Pg	C	354	19.530	.200							
PHP		46	258	IAML		354	24.32			1057000	1.1				
TIR		103	244	Sg		354	39.48	-3.90							
TIR		103	244	Pg	C	354	28.96	-.700							
TIR		103	244	IAML		354	43.33			21821	0.4				

SDA	127	285	Sg	354	50.370	.200									
SDA	127	285	Pg	354	33.51	-.100									
SDA	127	285	IAML	355	0.74				44393	0.8					
KBN	128	188	Sg	354	49.63	-.300									
KBN	128	188	Pg	354	34.150	.700									
BERA	139	0	Pg	354	35.960	.000									
BERA	147	217	Sg	354	56.510	.600									
BERA	147	217	IAML	355	3.62				14036	1.0					
NEST	151	177	Sn	354	56.95	-.200									
NEST	151	177	Pn	354	37.28	-.300									
NEST	151	177	IAML	355	6.49				42036	1.0					
PDG	160	298	Sg	354	59.37	-.300									
PDG	160	298	Pg	354	39.290	.300									
LSK	182	191	Pg	354	42.730	.200									
VLO	191	222	Sn	355	6.97	-.100									
VLO	191	222	Pn	354	45.07	1.80									
VLO	191	222	IAML	355	15.42				47000	0.5					
SRN	226	202	Pn	354	49.11	-.500									
IGT	255	193	Pn	354	53.690	.600									

November 11 2020 Hour: 4: 2 15.0 Lat: 41.64N Lon: 20.71E D: 11.0 Ag: TIR Regional
Magnitudes: 2.2ML TIR 2.2ML TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP		23	284	Sg		4	2	21.90	-.400						
PHP		23	284	Pg		4	2	19.580	.400						
PHP		23	284	IAML		4	2	22.25		3500	0.2				
TIR		78	246	Sg		4	2	39.020	.000						
TIR		78	246	P		4	2	26.35	-2.40						
TIR		78	246	IAML		4	2	42.44		71	0.5				
SDA		111	295	P		4	2	34.29	-.200						
KBN		112	176	Sn		4	2	49.110	.400						
KBN		112	176	Pn		4	2	32.65	-1.60						
KBN		112	176	IAML		4	2	51.52		107	0.5				
NEST		139	168	Sn		4	2	56.41	-.400						
NEST		139	168	Pn		4	2	38.54	-.400						
NEST		139	168	IAML		4	2	59.72		71	0.4				
PDG		149	307	Sg		4	2	59.920	.200						
PDG		149	307	Pg		4	2	42.92	2.40						
LSK		166	184	Pn		4	2	43.530	.500						

November 11 2020 Hour: 4: 4 35.4 Lat: 41.70N Lon: 20.77E D: 11.1 Ag: TIR Regional
Magnitudes: 2.9ML TIR 2.9ML TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA			0	Pn		4	4	57.920	.000						
BERA		130	213	Sn		4	5	16.61	1.80						
BERA		130	213	IAML		4	5	21.80		179	0.6				
PHP		28	267	Sg		4	4	44.450	.400						
PHP		28	267	Pg	C	4	4	40.790	.400						
PHP		28	267	IAML		4	4	44.76		12607	0.2				
TIR		86	244	Sg		4	5	1.04	-.700						
TIR		86	244	Pg	C	4	4	50.32	-.200						
TIR		86	244	IAML		4	5	1.94		214	0.4				
SDA		113	291	Pn		4	4	55.290	.100						
KBN		119	179	Sn		4	5	11.560	.500						
KBN		119	179	Pn		4	4	53.62	-2.20						
KBN		119	179	IAML		4	5	13.90		393	0.6				
NEST		145	170	Sn		4	5	17.26	-1.60						
NEST		145	170	Pn		4	4	59.40	-.800						
NEST		145	170	IAML		4	5	22.08		250	0.4				
PDG		149	304	Sg		4	5	20.210	.000						
PDG		149	304	Pg		4	5	0.78	-.200						
LSK		172	185	Pl		4	5	5.020	.400						
IGT		244	190	Sn		4	5	44.810	.000						
IGT		244	190	Pn		4	5	17.77	2.70						

November 11 2020 Hour: 5:4 57.4 Lat: 41.65N Lon: 20.73E D: 8.9 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
BERA			0	Pn		5 5	18.420	.000							
PHP		25	279	Sg		5 5	5.060	.200							
PHP		25	279	Pg		5 5	1.53-	.100							
PHP		25	279	IAML		5 5	5.33		6893		0.3				
TIR		80	246	Sg		5 5	22.060	.100							
TIR		80	246	Pg		5 5	11.25-	.200							
TIR		80	246	IAML		5 5	28.12		143		0.4				
SDA		111	294	Sn		5 5	31.750	.200							
SDA		111	294	Pn		5 5	15.98-	.900							
SDA		111	294	IAML		5 5	34.71		107		0.3				
KBN		115	177	Sn		5 5	31.08-	.500							
KBN		115	177	Pn		5 5	17.750	.800							
NEST		140	168	Sn		5 5	40.190	.400							
NEST		140	168	Pn		5 5	21.53-	.100							
NEST		140	168	IAML		5 5	46.28		143		0.6				
PDG		149	306	Sg		5 5	42.03-	.300							
PDG		149	306	Pg		5 5	21.77-	1.30							
LSK		167	184	Sn		5 5	46.85-	.300							
LSK		167	184	Pn		5 5	26.280	.500							

November 11 2020 Hour: 5:23 46.7 Lat: 41.62N Lon: 20.73E D: 6.1 Ag: TIR Regional
 Magnitudes: 3.4ML TIR 3.4ML TIR Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP		25	286	Sg		523	54.390	.100							
PHP		25	286	Pg	C	523	50.92-	.100							
PHP		25	286	IAML		523	56.02		15821		0.3				
TIR		79	248	Sg		524	10.82-	.100							
TIR		79	248	Pg		524	0.550	.000							
TIR		79	248	IAML		524	20.03		821		0.7				
KBN		111	177	Sg		524	19.80-	.200							
KBN		111	177	Pg		524	6.350	.700							
SDA		112	296	Sg		524	20.97-	.200							
SDA		112	296	Pg		524	5.53-	.900							
SDA		112	296	IAML		524	30.47		893		0.4				
BERA		120	0	Pn		524	7.840	.000							
BERA		121	214	Sn		524	25.67	1.90							
BERA		121	214	IAML		524	29.69		1036		0.6				
NEST		137	168	Sg		524	27.90-	.600							
NEST		137	168	Pg		524	10.770	.200							
NEST		137	168	IAML		524	32.25		1393		0.9				
PDG		151	307	Sg		524	32.950	.500							
PDG		151	307	Pg		524	11.37-	1.50							
LSK		165	184	Sn		524	35.53-	.400							
LSK		165	184	Pn		524	14.860	.000							
VLO		165	220	Sn		524	40.39	5.20							
VLO		165	220	Pn		524	17.30	2.90							
VLO		165	220	IAML		524	42.48		3250		0.6				
SRN		203	198	Pn		524	22.030	.500							
IGT		235	189	Pn		524	26.260	.500							

November 11 2020 Hour: 5:45 51.8 Lat: 41.66N Lon: 20.75E D: 8.7 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
PHP		26	278	Sg		545	59.54-	.300							
PHP		26	278	Pg	C	545	56.13-	.200							
PHP		26	278	IAML		545	59.86		5214		0.2				
SDA		113	294	Sn		546	26.880	.400							
SDA		113	294	Pn		546	13.34	1.70							
SDA		113	294	IAML		546	29.96		71		0.3				
KBN		115	178	Sg		546	26.350	.200							

KBN	115	178	Pg	546	13.56	2.20											
NEST	140	169	Sn	546	34.18	-.100											
NEST	140	169	Pn	546	14.97	-1.10											
NEST	140	169	IAML	546	37.13						71	0.8					

November 11 2020 Hour: 6:04.5 Lat: 41.67N Lon: 20.73E D: 12.2 Ag: TIR Regional
Magnitudes: 2.1ML TIR 2.1ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP		25	275	Sg		6	0	52.290.100							
PHP		25	275	Pg	C	6	0	48.85-.100							
PHP		25	275	IAML		6	0	52.61		2321	0.2				
TIR		80	245	Pg		6	0	59.620.900							
TIR		80	245	Sg		6	1	9.36-.000							
TIR		80	245	IAML		6	1	12.56		71	0.3				
KBN		116	177	Sg		6	1	19.020.000							
KBN		116	177	Pg		6	1	4.650.400							
NEST		141	168	Sn		6	1	27.050.000							
NEST		141	168	Pn		6	1	9.94 1.10							
NEST		141	168	IAML		6	1	31.45		36	0.7				

November 11 2020 Hour: 7:49 1.2 Lat: 41.63N Lon: 20.72E D: 8.6 Ag: TIR Regional
Magnitudes: 2.8ML TIR 2.8ML TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP		25	286	S		749		8.25-.400							
PHP		25	286	Pg		749		4.87-.600							
PHP		25	286	IAML		749		8.73		33857	0.2				
TIR		78	247	Sg		749		25.350.100							
TIR		78	247	Pg		749		14.51-.400							
TIR		78	247	IAML		749		31.01		321	0.3				
KBN		112	177	Sg		749		34.60-.000							
KBN		112	177	Pg		749		21.49 1.20							
SDA		112	296	Sg		749		36.010.500							
SDA		112	296	Pg		749		21.070.300							
SDA		112	296	IAML		749		40.71		500	0.4				
BERA		119	0	Pg		749		24.540.000							
BERA		121	213	Sg		749		38.720.400							
BERA		121	213	IAML		749		45.84		250	0.7				
SRN		203	198	S		750		1.45-.500							
SRN		203	198	P		749		36.640.700							

November 11 2020 Hour: 7:58 19.0 Lat: 41.69N Lon: 20.71E D: 8.5 Ag: TIR Regional
Magnitudes: 2.7ML TIR 2.7ML TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP		22	270	Sg		758		25.90-.000							
PHP		22	270	Pg		758		22.47-.500							
PHP		22	270	IAML		758		26.30		7750	0.2				
TIR		78	0	Pg		758		33.220.000							
TIR		80	243	Sg		758		43.720.000							
TIR		80	243	IAML		758		45.57		250	0.4				
SDA		109	293	Sg		758		53.56 1.20							
SDA		109	293	Pg		758		38.110.000							
SDA		109	293	IAML		758		55.71		393	0.5				
KBN		118	176	S		758		54.33-.100							
KBN		118	176	Pg		758		40.040.800							
BERA		126	211	Sg		758		57.990.400							
BERA		126	211	Pg		758		41.920.800							
BERA		126	211	IAML		759		1.31		179	0.5				
LSK		171	184	Sn		759		9.06-.800							
LSK		171	184	Pn		758		47.91-.200							
SRN		209	197	Sn		759		19.98-1.50							
SRN		209	197	Pn		758		54.71-.000							

November 11 2020 Hour: 10:59 36.1 Lat: 41.67N Lon: 20.74E D: 9.9 Ag: TIR Regional
 Magnitudes: 3.7ML TIR 3.7ML TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP		26	0	Pg		1059	40.560	.000							
PHP		26	273	Sg		1059	43.84	-.100							
PHP		26	273	IAML		1059	44.42		85250		0.3				
TIR		82	244	Sg		11 0	1.35	-.000							
TIR		82	244	Pg		1059	49.96	-.600							
TIR		82	244	IAML		11 0	4.77		1464		0.5				
SDA		111	293	S		11 0	10.830	.500							
SDA		111	293	Pg		1059	55.66	-.000							
SDA		111	293	IAML		11 0	19.60		2143		0.5				
KBN		117	178	Sg		11 0	11.400	.300							
KBN		117	178	Pg		1059	56.400	.300							
KBN		117	178	IAML		11 0	13.75		3714		1.1				
BERA		127	213	Sg		11 0	14.730	.100							
BERA		127	213	Pg		1059	57.38	-.800							
BERA		127	213	IAML		11 0	18.96		1071		0.4				
LSK		170	185	Sn		11 0	26.22	-.300							
LSK		170	185	Pn		11 0	5.140	.200							
VLO		170	219	Sg		11 0	27.73	2.10							
VLO		170	219	Pg		11 0	7.19	2.80							
VLO		170	219	IAML		11 0	34.72		4107		0.6				
SRN		209	198	Sn		11 0	38.710	.400							
SRN		209	198	Pn		11 0	10.82	-.800							

November 11 2020 Hour: 12:26 36.5 Lat: 41.67N Lon: 20.74E D: 10.8 Ag: TIR Regional
 Magnitudes: 3.8ML TIR 3.8ML TIR Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP		26	273	Sg		1226	44.21	-.200							
PHP		26	273	Pg		1226	41.130	.100							
PHP		26	273	IAML		1226	44.77		126000		0.2				
TIR		78	0	Pg		1226	50.440	.000							
TIR		81	244	Sg		1227	1.69	-.100							
TIR		81	244	IAML		1227	3.17		1714		0.8				
SDA		111	293	S		1227	11.160	.500							
SDA		111	293	Pg		1226	55.47	-.600							
SDA		111	293	IAML		1227	20.67		2393		0.9				
KBN		117	178	S		1227	12.57	1.10							
KBN		117	178	Pg		1226	56.760	.300							
BERA		127	213	Sg		1227	15.150	.200							
BERA		127	213	P		1226	58.23	-.300							
BERA		127	213	IAML		1227	21.46		929		0.8				
LSK		170	185	Sn		1227	26.00	-.800							
LSK		170	185	Pn		1227	5.770	.500							
VLO		170	219	S		1227	26.98	1.10							
VLO		170	219	Pn		1227	6.16	1.40							
VLO		170	219	IAML		1227	35.16		3286		0.6				
SRN		209	198	Sn		1227	37.26	-1.30							
SRN		209	198	Pn		1227	11.87	-.100							
SRN		209	198	IAML		1227	42.54		1286		1.1				

November 11 2020 Hour: 14:25 11.3 Lat: 41.72N Lon: 20.79E D: 5.7 Ag: TIR Regional
 Magnitudes: 4.9ML TIR 4.9ML TIR Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP		29	263	Sg		1425	20.04	-.200							
PHP		29	263	Pg		1425	16.490	.100							
PHP		29	263	IAML		1425	20.56		1088000		0.8				
TIR		86	0	Pg		1425	26.200	.000							
TIR		88	243	Sg		1425	38.07	-.200							
TIR		88	243	IAML		1425	40.73		32250		1.0				
SDA		113	290	S		1425	46.050	.000							
SDA		113	290	Pg		1425	31.320	.200							

SDA	113	290	IAML	1425	50.54				47929	0.4
KBN	122	181	Sg	1425	49.53	1.80				
KBN	122	181	Pg	1425	34.27	2.20				
BERA	133	213	Sg	1425	51.75	-.100				
BERA	133	213	Pg	1425	34.52	0.000				
BERA	133	213	IAML	1425	56.25				25071	0.8
LSK	176	186	S	1426	3.52	-.100				
LSK	176	186	Pn	1425	41.49	0.300				
VLO	177	219	S	1426	3.69	0.700				
VLO	177	219	Pg	1425	43.75	2.90				
VLO	177	219	IAML	1426	10.33				52250	0.5
SRN	215	199	Sg	1426	15.65	0.000				
SRN	215	199	P	1425	47.46	-.600				

November 11 2020 Hour: 14:57 47.0 Lat: 41.66N Lon: 20.73E D: 10.7 Ag: TIR Regional
Magnitudes: 2.7ML TIR 2.7ML TIR Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP		25	0	Pg		1457	51.13	0.000							
PHP		25	277	Sg		1457	54.43	-.200							
PHP		25	277	IAML		1457	54.56			2143	0.1				
TIR		80	245	Sg		1458	11.81	0.000							
TIR		80	245	Pg		1458	0.52	-.600							
TIR		80	245	IAML		1458	17.84			321	0.6				
SDA		111	294	Sg		1458	21.67	0.500							
SDA		111	294	Pg		1458	6.76	0.300							
SDA		111	294	IAML		1458	30.89			429	0.2				
KBN		116	177	Sg		1458	21.29	-.200							
KBN		116	177	Pg		1458	7.43	0.800							
KBN		116	177	IAML		1458	24.31			250	0.7				
BERA		125	213	Sn		1458	25.42	0.500							
BERA		125	213	Pn		1458	8.61	-.000							
BERA		125	213	IAML		1458	31.94			250	0.6				
NEST		141	168	Sn		1458	30.06	0.600							
NEST		141	168	Pn		1458	10.07	-1.20							
NEST		141	168	IAML		1458	32.96			286	0.5				
PDG		149	306	Sg		1458	34.05	2.40							
PDG		149	306	Pg		1458	11.13	-1.40							
LSK		168	184	Sg		1458	36.41	-.400							
LSK		168	184	Pg		1458	16.74	1.30							
SRN		207	198	Sn		1458	47.10	-1.40							
SRN		207	198	Pn		1458	21.57	-.600							

November 11 2020 Hour: 15:0 4.4 Lat: 41.64N Lon: 20.75E D: 2.0 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
PHP		26	0	Pg		15 0	8.99	0.000							
PHP		27	281	Sg		15 0	12.29	-.600							
PHP		27	281	IAML		15 0	13.22			1143	0.1				
PHP		27	281	IAML		15 0	12.74			5321	0.2				
TIR		81	247	Sg		15 0	29.91	-.100							
TIR		81	247	Pg		15 0	18.50	-.600							
TIR		81	247	IAML		15 0	35.59			107	0.6				
KBN		113	178	Pg		15 0	21.74	-2.40							
KBN		113	178	Sg		15 0	39.58	0.700							
SDA		113	294	Sg		15 0	39.64	-.200							
SDA		113	294	Pg		15 0	23.14	-1.50							
SDA		113	294	IAML		15 0	48.25			107	0.3				
SDA		113	294	IAML		15 0	48.99			143	0.3				
BERA		125	214	Sg		15 0	42.54	-.400							
BERA		125	214	Pg		15 0	26.59	0.200							
NEST		139	169	Sg		15 0	47.58	0.200							
NEST		139	169	Pg		15 0	28.82	-.200							
NEST		139	169	IAML		15 0	51.03			71	0.5				
NEST		139	169	IAML		15 0	50.37			107	0.8				

PDG	151	306	Sg	15	0	51.450.400
PDG	151	306	Pg	15	0	32.020.900
LSK	167	185	Sg	15	0	55.100.000
LSK	167	185	Pg	15	0	29.81-3.60
IGT	237	189	Pn	15	0	44.920.600

November 11 2020 Hour: 15:11 22.6 Lat: 41.69N Lon: 20.74E D: 8.0 Ag: TIR Regional
Magnitudes: 2.1ML TIR 2.1ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP		25	0	Pg		1511	26.330.000								
PHP		25	270	Sg		1511	29.72-.400								
PHP		25	270	IAML		1511	30.03			2250	0.1				
TIR		82	244	Pg		1511	37.100.100								
TIR		82	244	Sg		1511	47.880.000								
TIR		82	244	IAML		1511	50.47			36	0.2				
SDA		111	292	Sg		1511	56.570.000								
SDA		111	292	Pg		1511	44.82 2.90								
SDA		111	292	IAML		1512	5.47			71	0.5				
NEST		143	169	Sg		1512	6.110.000								
NEST		143	169	Pg		1511	47.40-.000								
NEST		143	169	IAML		1512	7.65			71	0.8				
NEST		143	169	IAML		1512	8.34			36	0.4				

November 11 2020 Hour: 15:33 43.4 Lat: 41.63N Lon: 20.72E D: 9.3 Ag: TIR Regional
Magnitudes: 2.5ML TIR 2.5ML TIR Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP		22	0	Pg		1533	46.410.000								
PHP		23	285	Sg		1533	49.57-1.10								
PHP		23	285	IAML		1533	49.87			4786	0.2				
PHP		23	285	IAML		1533	50.17			679	0.1				
TIR		78	247	Sg		1534	7.21-.200								
TIR		78	247	Pg		1533	57.150.000								
TIR		78	247	IAML		1534	9.61			71	0.5				
TIR		78	247	IAML		1534	11.97			71	0.4				
SDA		111	296	Sg		1534	18.020.500								
SDA		111	296	Pg		1534	4.47 1.60								
SDA		111	296	IAML		1534	26.13			214	0.3				
KBN		112	176	Pg		1534	3.79 1.20								
KBN		112	176	Sg		1534	17.700.700								
KBN		112	176	IAML		1534	22.58			179	0.5				
BERA		121	213	Pg		1534	3.93-.700								
BERA		121	213	Sg		1534	21.040.500								
NEST		138	168	Sg		1534	25.04-.200								
NEST		138	168	Pg		1534	6.84-.500								
NEST		138	168	IAML		1534	30.29			107	0.5				
PDG		149	307	Sg		1534	28.490.100								
PDG		149	307	Pg		1534	9.490.400								
LSK		165	184	Pg		1534	13.90 2.40								
IGT		236	189	Pn		1534	21.74-.500								

November 11 2020 Hour: 15:43 20.8 Lat: 41.65N Lon: 20.75E D: 7.1 Ag: TIR Regional
Magnitudes: 3.8ML TIR 3.8ML TIR Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP		27	0	Pg		1543	25.360.000								
PHP		26	279	Sg		1543	28.63-.100								
PHP		26	279	IAML		1543	29.06			16000	0.2				
TIR		81	246	Sg		1543	45.910.100								
TIR		81	246	Pg		1543	34.70-.400								
TIR		81	246	IAML		1543	47.72			1929	0.5				
SDA		113	294	Sg		1543	56.300.900								
SDA		113	294	Pg		1543	40.07-.500								
SDA		113	294	IAML		1544	4.85			4143	0.3				
KBN		115	178	Sg		1543	55.810.900								
KBN		115	178	Pg		1543	41.36 1.10								

BERA	125	214	Sg	1543	57.90-1.00									
BERA	125	214	Pg	1543	42.48-.100									
BERA	125	214	IAML	1544	4.81			2179	0.4					
BERA	125	214	IAML	1544	6.95			2500	0.5					
NEST	140	169	Sn	1544	3.370.100									
NEST	140	169	Pn	1543	44.32-.800									
NEST	140	169	IAML	1544	7.48			3964	0.5					
NEST	140	169	IAML	1544	8.62			3107	0.6					
PDG	150	306	Sg	1544	7.32 1.00									
PDG	150	306	Pg	1543	45.86-1.00									
LSK	167	185	Sg	1544	10.820.000									
LSK	167	185	Pg	1543	49.720.400									
VLO	168	220	Sn	1544	15.26 5.20									
VLO	168	220	Pn	1543	52.04 3.10									
VLO	168	220	IAML	1544	19.44			5214	0.9					
SRN	207	199	Pn	1543	55.79-.400									
IGT	238	189	Pn	1544	0.170.000									

November 11 2020 Hour: 15:49 9.0 Lat: 41.63N Lon: 20.68E D: 8.3 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
PHP		20	0	Pg		1549	11.630.000								
PHP		20	288	Sg		1549	14.73-.600								
PHP		20	288	IAML		1549	15.15			4786	0.2				
TIR		75	246	Pg		1549	21.53-.700								
TIR		75	246	Sg		1549	32.480.400								
TIR		75	246	IAML		1549	35.31			71	0.3				
SDA		109	296	Sg		1549	42.260.000								
SDA		109	296	Pg		1549	28.880.900								
SDA		109	296	IAML		1549	51.41			179	0.3				
KBN		112	175	Sg		1549	42.760.200								
KBN		112	175	Pg		1549	28.400.200								
BERA		119	212	Sg		1549	46.220.700								
BERA		119	212	Pg		1549	29.30-.600								
BERA		119	212	IAML		1549	50.42			71	0.5				
BERA		119	212	IAML		1549	51.58			71	0.4				
NEST		139	166	Sg		1549	49.39-1.70								
NEST		139	166	Pg		1549	30.94-2.10								
NEST		139	166	IAML		1549	55.56			107	0.5				
NEST		139	166	IAML		1549	53.78			107	0.7				
PDG		147	308	Sg		1549	53.680.300								
PDG		147	308	Pg		1549	35.88 1.50								
LSK		165	183	Sg		1549	57.88-.200								
LSK		165	183	Pg		1549	37.450.400								
SRN		202	197	Sn		1550	9.41-.200								
SRN		202	197	Pn		1549	43.19-.500								

November 11 2020 Hour: 15:52 49.5 Lat: 41.61N Lon: 20.69E D: 7.7 Ag: TIR Regional
Magnitudes: 2.2ML TIR 2.2ML TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP		18	0	Pg		1552	52.300.000								
PHP		22	291	Sg		1552	55.72-.500								
PHP		22	291	IAML		1552	55.96			2071	0.2				
TIR		75	247	Sg		1553	13.190.600								
TIR		75	247	Pg		1553	3.590.900								
TIR		75	247	IAML		1553	15.21			71	0.2				
SDA		110	297	Pg		1553	8.940.100								
SDA		110	297	Sg		1553	22.90-.400								
SDA		110	297	IAML		1553	27.68			71	0.3				
KBN		110	175	Pg		1553	9.65 1.30								
KBN		110	175	Sg		1553	24.22 1.70								
NEST		137	167	Sg		1553	31.500.400								
NEST		137	167	Pg		1553	13.09-.200								
NEST		137	167	IAML		1553	33.65			71	0.5				

NEST	137	167	IAML	1553	35.64					71	0.4			
PDG	149	308	Sg	1553	34.830.300									
PDG	149	308	Pg	1553	15.400.200									
SRN	201	198	Sn	1553	49.16-.600									
SRN	201	198	Pn	1553	23.43-.500									

November 11 2020 Hour: 16:42 37.7 Lat: 41.53N Lon: 20.66E D: 4.2 Ag: TIR Regional
Magnitudes: 2.0ML TIR 2.0ML TIR Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP		21	0	Pg		1642	39.710.000								
PHP		25	313	Sg		1642	43.08-2.40								
PHP		25	313	IAML		1642	43.35			1536	0.1				
TIR		70	253	Sg		1642	59.26-.300								
TIR		70	253	IAML		1643	2.92			36	0.3				
SDA		112	302	Sg		1643	9.34-3.10								
SDA		112	302	Pg		1642	58.350.900								
SDA		112	302	IAML		1643	12.32			71	0.3				
NEST		129	165	Sg		1643	16.77-.400								
NEST		129	165	Pg		1642	59.77-.500								
NEST		129	165	IAML		1643	21.35			36	0.4				
PDG		152	312	Sg		1643	23.48-.800								
PDG		152	312	Pg		1643	4.680.400								
LSK		153	182	Sg		1643	25.000.600								
LSK		153	182	Pg		1643	3.28-1.10								
IGT		225	188	Sn		1643	44.150.200								
IGT		225	188	Pn		1643	16.77 1.20								

November 11 2020 Hour: 18:19 37.1 Lat: 41.58N Lon: 20.66E D: 7.0 Ag: TIR Regional
Magnitudes: 2.4ML TIR 2.4ML TIR Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP		21	0	Pg		1819	39.670.000								
PHP		21	302	Sg		1819	42.99-.700								
PHP		21	302	IAML		1819	43.29			3286	0.1				
TIR		71	249	Sg		1819	59.840.600								
TIR		71	249	Pg		1819	49.02-.700								
TIR		71	249	IAML		1820	0.66			71	0.4				
KBN		107	174	Pg		1819	57.15 1.80								
KBN		107	174	Sg		1820	10.26 1.20								
SDA		110	299	Sg		1820	10.800.000								
SDA		110	299	Pg		1819	55.54-.800								
SDA		110	299	IAML		1820	12.27			143	0.3				
SDA		110	299	IAML		1820	19.76			143	0.3				
BERA		115	213	Pg		1819	57.940.900								
BERA		115	213	Sg		1820	15.71 3.70								
NEST		133	165	Sg		1820	18.420.500								
NEST		133	165	Pg		1819	59.18-1.20								
NEST		133	165	IAML		1820	22.86			107	0.6				
PDG		149	310	Sg		1820	23.230.900								
PDG		149	310	Pg		1820	4.20 1.30								
LSK		159	182	Sg		1820	24.57-.300								
LSK		159	182	Pg		1820	4.470.100								
SRN		197	197	Sn		1820	35.65-.700								
SRN		197	197	Pn		1820	9.87-1.10								
SRN		197	197	IAML		1820	41.01			36	0.6				
IGT		229	188	Pn		1820	15.21-.100								

November 11 2020 Hour: 20:58 47.1 Lat: 41.63N Lon: 20.70E D: 2.2 Ag: TIR Regional
Magnitudes: 1.8ML TIR 1.8ML TIR Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP			0	Pg		2058	51.030.000								
PHP		22	287	Sg		2058	54.320.200								
PHP		22	287	A	A	2058	54.50			6	0.1				
TIR		76	247	Pg		2058	55.81-5.00								
TIR		76	247	Sg		2059	10.93-.200								

TIR	76	247	A	A	2059	12.32			0.10	0.2				
SDA	110	296	Sg		2059	21.30	-.100							
SDA	110	296	Pg		2059	9.96	3.30							
SDA	110	296	A	A	2059	24.81			0.10	0.4				
NEST	138	167	Sg		2059	29.64	-.100							
NEST	138	167	Pg		2059	12.02	0.600							
NEST	138	167	A	A	2059	32.86			0.10	0.6				
PDG	149	308	Sg		2059	33.67	0.800							
PDG	149	308	Pg		2059	12.15	-1.10							

November 11 2020 Hour: 22:58 20.6 Lat: 41.63N Lon: 20.69E D: 2.5 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
PHP			0	Pg		2258	24.200	.000							
PHP	21	287		Sg		2258	27.500	.000							
PHP	21	287		IAML		2258	27.75		321	0.1					
SDA	110	296		Sg		2258	54.770	.000							
SDA	110	296		Pg		2258	40.140	.000							
NEST	138	167		Sg		2259	3.400	.000							
NEST	138	167		Pg	D	2258	44.64	-.400							

November 12 2020 Hour: 1:15 59.7 Lat: 41.62N Lon: 20.75E D: 9.5 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
BERA			0	Pn		116	20.340	.000							
BERA	122	214		Sn		116	39.66	2.60							
BERA	122	214		IAML		116	44.33		36	0.3					
PHP	27	285		Sg		116	7.51	-.400							
PHP	27	285		Pg	C	116	4.29	-.100							
PHP	27	285		IAML		116	7.93		1000	0.2					
TIR	80	248		Sg		116	24.15	-.300							
TIR	80	248		Pg		116	14.150	.400							
TIR	80	248		IAML		116	25.76		36	0.4					
SDA	115	295		Sg		116	35.570	.900							
SDA	115	295		Pg		116	19.42	-.300							
SDA	115	295		IAML		116	36.89		36	0.5					
NEST	137	169		Sg		116	41.00	-.100							
NEST	137	169		Pg		116	23.09	-.300							
NEST	137	169		IAML		116	45.44		36	1.1					
PDG	152	307		Sg		116	45.16	-.300							
PDG	152	307		Pg		116	28.49	2.70							
LSK	165	185		Sg		116	48.820	.200							
LSK	165	185		Pg		116	29.45	1.80							

November 12 2020 Hour: 3:51 50.3 Lat: 41.71N Lon: 20.78E D: 10.4 Ag: TIR Regional
Magnitudes: 2.1ML TIR 2.1ML TIR Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	29	265		Sg		351	59.11	-.000							
PHP	29	265		Pg	C	351	55.400	.100							
PHP	29	265		IAML		351	59.31		2464	0.2					
TIR	87	243		Sg		352	16.41	-.600							
TIR	87	243		Pg		352	6.86	1.30							
TIR	87	243		IAML		352	19.29		36	0.2					
SDA	113	290		Sg		352	25.820	.800							
SDA	113	290		Pg		352	9.89	-.200							
SDA	113	290		IAML		352	30.12		71	0.3					
KBN	121	179		Sg		352	26.360	.100							
KBN	121	179		Pg		352	12.69	1.80							
BERA	131	213		Sg		352	31.99	1.80							
BERA	131	213		Pg		352	14.32	1.20							
BERA	131	213		IAML		352	36.74		36	0.4					
NEST	146	171		Sn		352	33.98	-.100							
NEST	146	171		Pn		352	13.91	-1.40							
NEST	146	171		IAML		352	39.02		36	0.4					

PDG 149 303 Sn 352 34.82-.300
 PDG 149 303 Pn 352 15.51-.400
 LSK 173 186 Pn 352 21.28 1.60

November 12 2020 Hour: 3:52 45.0 Lat: 41.72N Lon: 20.78E D: 7.7 Ag: TIR Regional
Magnitudes: 2.6ML TIR 2.6ML TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA			0	Pg		353	9.140	.000							
BERA	132	213		Sg		353	25.740	.200							
BERA	132	213		IAML		353	36.47			71	0.5				
PHP	29	262		Sg		352	53.920	.200							
PHP	29	262		Pg	C	352	50.240	.200							
PHP	29	262		IAML		352	54.22		5107	0.2					
TIR	87	242		Sg		353	11.51	-.300							
TIR	87	242		Pg		352	59.97	-.400							
TIR	87	242		IAML		353	17.29		107	0.3					
SDA	112	290		Sg		353	23.58	4.00							
SDA	112	290		Pg		353	4.980	.200							
SDA	112	290		IAML		353	29.36		250	0.3					
KBN	122	179		Sg		353	21.37	-.200							
KBN	122	179		Pg		353	6.070	.200							
NEST	147	171		Sn		353	30.080	.600							
NEST	147	171		Pn		353	9.88	-.600							
NEST	147	171		IAML		353	34.90		143	0.5					
PDG	148	303		Sg		353	30.120	.300							
PDG	148	303		Pg		353	9.48	-1.20							
LSK	176	186		Sn		353	37.810	.600							
LSK	176	186		Pn		353	14.860	.000							
SRN	215	199		Sn		353	48.29	-.700							
SRN	215	199		Pn		353	20.32	-1.30							
SRN	215	199		IAML		353	56.66		71	0.6					

November 12 2020 Hour: 8:43 30.2 Lat: 41.93N Lon: 21.08E D: 6.9 Ag: TIR Regional
Magnitudes: 2.9ML TIR 2.9ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP		59	244	S		843	43.58	-4.60							
PHP		59	244	P		843	40.490	.000							
PHP		59	244	IAML		843	43.96		6679	0.1					
KBN	147	190		S		844	13.880	.000							
NEST	168	0		P		844	0.950	.000							
NEST	168	181		S		844	20.700	.100							
NEST	168	181		IAML		844	23.79		36	0.6					
LSK	201	192		S		844	29.63	-.100							
LSK	201	192		P		844	4.13	-.100							

November 12 2020 Hour: 9:15 51.1 Lat: 37.91N Lon: 21.52E D: 2.0 Ag: TIR Regional
Magnitudes: 3.7ML TIR 3.7ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2		123	323	S		916	29.540	.000							
LKD2		123	323	P		916	12.91	-.100							
LKD2		123	323	IAML		916	35.48		2179	0.6					
THL		189	13	S		916	48.22	-.100							
THL		189	13	P		916	22.91	-.900							
IGT		208	331	S		916	53.53	-.000							
IGT		208	331	P		916	27.500	.700							
LSK		261	343	S		917	6.20	-.200							
LSK		261	343	P		916	34.640	.500							
NEST		287	0	P		916	38.460	.000							
NEST		281	352	S		917	11.660	.500							

November 12 2020 Hour: 15:44 53.1 Lat: 41.65N Lon: 20.61E D: 2.0 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
PHP		15	286	Sg		1544	57.11	-.400							
PHP		15	286	P		1544	54.15	-1.40							
PHP		15	286	IAML		1544	57.55		11714	0.2					
TIR		70	0	Pg		1545	7.460	.000							
TIR		70	242	Sg		1545	14.57	-.900							
TIR		70	242	IAML		1545	15.11		71	0.3					
SDA		102	297	Sg		1545	26.09	1.00							
SDA		102	297	Pg		1545	11.04	-.400							
SDA		102	297	IAML		1545	33.11		250	0.3					
BERA		118	209	Sg		1545	30.180	.300							
BERA		118	209	Pg		1545	14.260	.100							
BERA		118	209	IAML		1545	34.15		71	0.4					

November 12 2020 Hour: 17:47 52.2 Lat: 41.61N Lon: 20.66E D: 10.1 Ag: TIR Regional
 Magnitudes: 2.2ML TIR 2.2ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP		20	0	Pg		1747	52.080	.000							
PHP		20	294	Sg		1747	55.54	-2.90							
PHP		20	294	IAML		1747	56.02		3750	0.2					
TIR		72	247	Sg		1748	14.35	-.300							
TIR		72	247	Pg		1748	2.52	-2.50							
TIR		72	247	IAML		1748	15.48		36	0.4					
SDA		108	298	S		1748	25.350	.000							
SDA		108	298	Pg		1748	11.420	.300							
SDA		108	298	IAML		1748	32.01		179	0.3					
KBN		110	174	Sg		1748	25.250	.000							
KBN		110	174	Pg		1748	10.98	-.100							
BERA		117	212	S		1748	28.500	.500							
BERA		117	212	P		1748	12.40	-.300							
BERA		117	212	IAML		1748	33.15		36	0.6					
LSK		162	182	Sn		1748	40.620	.100							
LSK		162	182	Pn		1748	19.70	-.100							

November 12 2020 Hour: 18:59 23.6 Lat: 41.45N Lon: 19.67E D: 7.5 Ag: TIR Regional
 Magnitudes: 2.2ML TIR 2.2ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		20	0	Pg		1859	28.170	.000							
TIR		20	123	Sg		1859	31.35	1.00							
TIR		20	123	IAML		1859	31.59		857	0.3					
SDA		69	349	Sg		1859	45.200	.300							
SDA		69	349	P		1859	35.44	-.400							
SDA		69	349	IAML		1859	47.71		107	0.3					
PHP		70	67	S		1859	44.880	.100							
PHP		70	67	P		1859	35.43	-.300							
PHP		70	67	IAML		1859	48.63		214	0.5					
BERA		86	163	S		1859	49.960	.000							
BERA		86	163	P		1859	38.810	.100							
BERA		86	163	IAML		1859	54.24		143	0.4					
PDG		115	344	S		1859	58.680	.100							
PDG		115	344	Pg		1859	43.680	.100							
LSK		165	151	Sn		19 0	12.920	.200							
LSK		165	151	P		1859	52.300	.600							
SRN		176	170	Sg		19 0	16.72	-.300							
SRN		176	170	P		1859	53.10	-1.00							

November 12 2020 Hour: 21: 2 38.2 Lat: 41.67N Lon: 20.76E D: 9.6 Ag: TIR Regional
 Magnitudes: 3.1ML TIR 3.1ML TIR Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP		27	273	Sg		21	2	46.17-.200							
PHP		27	273	Pg		21	2	43.240.400							
PHP		27	273	IAML		21	2	46.92		13821	0.2				
TIR		82	0	P		21	2	52.780.000							
TIR		82	245	Sg		21	3	3.32-.400							
TIR		82	245	IAML		21	3	4.81		321	0.4				
SDA		112	293	Sg		21	3	13.070.300							
SDA		112	293	P		21	2	57.68-.300							
SDA		112	293	IAML		21	3	15.93		643	0.3				
KBN		117	178	Sg		21	3	14.45 1.30							
KBN		117	178	P		21	2	58.500.300							
BERA		127	213	S		21	3	17.420.500							
BERA		127	213	Pg		21	3	0.25-.100							
BERA		127	213	IAML		21	3	23.49		321	0.4				
LSK		170	185	Sn		21	3	28.55-.100							
LSK		170	185	P		21	3	6.87-.200							
VLO		171	219	S		21	3	28.030.100							
VLO		171	219	Pg		21	3	7.88 1.30							
VLO		171	219	IAML		21	3	34.93		643	0.4				
SRN		209	199	Sn		21	3	39.07-1.40							
SRN		209	199	Pn		21	3	13.34-.400							

November 12 2020 Hour: 22:26 13.4 Lat: 41.66N Lon: 20.74E 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
PHP		26	0	Pg		2226	15.710.000								
PHP		26	276	Sg		2226	20.94-.600								
PHP		26	276	IAML		2226	21.12			1250	0.2				
TIR		81	245	Pg		2226	27.43-.600								
TIR		81	245	Sg		2226	38.77-.300								
TIR		81	245	IAML		2226	40.72			36	0.4				
SDA		112	293	Sg		2226	48.24-.100								
SDA		112	293	Pg		2226	32.53-.800								
SDA		112	293	IAML		2226	56.32			36	0.3				
BERA		126	213	Sg		2226	52.630.300								
BERA		126	213	Pg		2226	35.30-.400								
BERA		126	213	IAML		2226	58.09				0.4				
NEST		141	169	Sg		2226	56.85-.200								
NEST		141	169	Pg		2226	36.01-2.30								
NEST		141	169	IAML		2227	2.80			36	0.5				
NEST		141	169	IAML		2227	2.68			36	0.6				
PDG		149	306	Sg		2226	59.560.000								
PDG		149	306	Pg		2226	40.95 1.20								
LSK		169	185	Sg		2227	4.45-.200								
LSK		169	185	Pg		2226	43.200.500								
IGT		239	189	Pn		2226	54.030.500								

November 12 2020 Hour: 23: 2 11.6 Lat: 41.63N Lon: 20.71E D: 11.0 Ag: TIR Regional
 Magnitudes: 2.0ML TIR 2.0ML TIR Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP		27	0	Pg		23	2	14.610.000							
PHP		23	285	Sg		23	2	18.76-.100							
PHP		23	285	IAML		23	2	19.07		536	0.2				
SDA		111	296	Sg		23	2	45.32-.300							
SDA		111	296	Pg		23	2	31.230.200							
SDA		111	296	IAML		23	2	54.00		36	0.2				
SDA		111	296	IAML		23	2	54.50		36	0.3				
KBN		112	176	Sg		23	2	45.08-.100							
BERA		121	213	Sg		23	2	51.02 2.50							
BERA		121	213	Pg		23	2	33.240.500							

LSK 166 183 Pg 217 24.93-.400

November 13 2020 Hour: 5:50 13.4 Lat: 39.14N Lon: 20.53E D: 2.0 Ag: TIR Regional
Magnitudes: 2.5ML TIR 2.5ML TIR Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2		40	164	Sg		550	27.220	.500							
LKD2		40	164	Pg		550	20.75-	.200							
IGT		47	339	Sg		550	28.52-	.200							
IGT		47	339	Pg		550	21.35-	.800							
KEK		90	316	Sg		550	40.64-	1.00							
KEK		90	316	Pg		550	29.39-	.100							
SRN		95	332	Sg		550	44.120	.500							
SRN		95	332	Pg		550	28.97-	1.70							
SRN		95	332	IAML		550	47.17			214	0.4				
LSK		112	2	Sg		550	48.430	.300							
LSK		112	2	P		550	33.23-	.000							
THL		136	0	Pg		550	35.810	.000							
THL		136	69	Sg		550	55.01-	.500							
NEST		148	17	Sg		550	58.92-	.300							
NEST		148	17	Pg		550	37.83-	1.70							
NEST		148	17	IAML		551	4.40			143	0.8				
KBN		167	7	Sg		551	3.930	.600							
KBN		167	7	Pg		550	42.160	.200							
BERA		181	345	Sg		551	9.160	.700							
BERA		181	345	Pg		550	43.58-	1.20							
BERA		181	345	IAML		551	14.23			71	0.5				
KLV		186	130	Sg		551	10.120	.400							
KLV		186	130	Pg		550	44.46-	1.10							

November 13 2020 Hour: 18:18 25.7 Lat: 39.19N Lon: 21.66E D: 8.2 Ag: TIR Regional
Magnitudes: 3.5ML TIR 3.5ML TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THL		51	0	P		1818	34.600	.000							
THL		51	36	S		1818	42.150	.400							
LKD2		98	243	S		1818	56.460	.700							
LKD2		98	243	P		1818	42.39-	.500							
LKD2		98	243	IAML		1819	0.32			5393	0.5				
IGT		121	289	S		1819	2.800	.200							
IGT		121	289	P		1818	46.06-	.700							
IGT		121	289	IAML		1819	12.06			1179	0.4				
LSK		140	320	S		1819	8.160	.200							
LSK		140	320	P		1818	49.56-	.300							
NEST		146	340	S		1819	9.760	.100							
NEST		146	340	P		1818	50.05-	.800							
NEST		146	340	IAML		1819	13.34			1179	0.7				
SRN		162	299	S		1819	13.55-	1.40							
SRN		162	299	P		1818	53.930	.100							
KEK		170	291	S		1819	16.43-	.300							
KEK		170	291	P		1818	53.91-	.900							
KBN		176	336	S		1819	17.290	.000							
KBN		176	336	P		1818	56.47	1.30							
KBN		176	336	IAML		1819	22.61			643	0.7				
BERA		224	320	P		1819	3.380	.400							
ITM		225	174	P		1819	3.300	.100							
VLO		234	309	P		1819	2.83-	.800							
PHP		296	340	P		1819	10.28-	1.90							
SDA		366	331	P		1819	20.08-	1.80							

November 13 2020 Hour: 21:38 15.4 Lat: 39.17N Lon: 21.68E D: 29.2 Ag: TIR Regional
 Magnitudes: 4.2ML TIR 4.2ML TIR Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THL		52	0	P		2138	24.820	.000							
THL		53	33	S		2138	32.44-	.600							
LKD2		98	246	S		2138	45.250	.100							
LKD2		98	246	P		2138	32.600	.200							
IGT		123	290	P		2138	36.28-	.100							
KLV		131	161	S		2138	54.320	.100							
KLV		131	161	P		2138	37.58-	.000							
LSK		143	321	P		2138	39.790	.400							
NEST		149	340	S		2138	59.070	.000							
NEST		149	340	P		2138	40.10-	.300							
NEST		149	340	IAML		2139	3.58			4357	0.7				
SRN		165	300	P		2138	42.96-	.100							
KEK		173	292	P		2138	43.17-	.700							
KBN		179	336	P		2138	45.81	1.60							
THE		197	33	P		2138	45.10-	2.00							
PHP		299	340	P		2139	0.560	.200							
SDA		370	331	P		2139	10.110	.100							

November 14 2020 Hour: 1:38 30.3 Lat: 39.53N Lon: 20.54E D: 9.6 Ag: TIR Regional
 Magnitudes: 2.9ML TIR 2.9ML TIR Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT		18	270	Sg		138	36.940	.400							
IGT		18	270	Pg		138	33.69-	.200							
SRN		60	310	S		138	49.17-	.500							
SRN		60	310	Pg		138	39.86-	1.50							
LSK		69	4	S		138	51.25-	.100							
LSK		69	4	P		138	42.13-	.200							
LKD2		83	173	Sg		138	57.96	2.00							
LKD2		83	173	P		138	45.020	.100							
KBN		122	9	Sg		139	7.400	.400							
KBN		122	9	P		138	51.520	.300							
BERA		137	0	Pg		138	54.210	.000							
BERA		140	339	Sg		139	12.55-	.100							
BERA		140	339	IAML		139	14.60			250	0.4				
VLO		137	320	Sg		139	10.870	.300							
VLO		137	320	Pg		138	54.88	1.60							
VLO		137	320	IAML		139	16.34			464	0.4				
TIR		209	345	Sg		139	31.960	.000							
TIR		209	345	P		139	5.19-	.300							
TIR		209	345	IAML		139	34.50			36	0.3				
PHP		239	358	Sn		139	38.550	.200							
PHP		239	358	Pn		139	8.96-	.200							
PHP		239	358	IAML		139	44.70			71	0.8				

November 14 2020 Hour: 16:11 35.6 Lat: 38.87N Lon: 22.24E D: 15.9 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
THL		80	346	Sg		1612	0.780	.600							
THL		80	346	Pg	C	1611	49.02-	.700							
KLV		92	186	Sg		1612	3.990	.100							
KLV		92	186	Pg		1611	50.45-	1.30							
LKD2		138	267	Sg		1612	17.320	.600							
LKD2		138	267	Pg		1611	58.41-	.700							
LKD2		138	267	IAML		1612	24.58			357	0.5				
IGT		181	295	Sg		1612	28.44-	.300							
IGT		181	295	Pg		1612	5.68-	.300							
IGT		181	295	IAML		1612	36.29			107	0.8				
ITM		190	189	Pn		1612	7.850	.500							
NEST		200	330	Sn		1612	30.98-	2.90							
NEST		200	330	Pn		1612	8.21-	.700							

NEST	200	330	IAML	1612	39.37				143	0.6				
LSK	200	316	Sn	1612	35.58	1.80								
LSK	200	316	Pn	1612	9.590	.700								
SRN	224	301	Sg	1612	39.92	-.200								
SRN	224	301	Pg	1612	12.540	.100								
SRN	224	301	IAML	1612	44.82				143	0.9				
KEK	231	295	Sg	1612	40.79	-.400								
KEK	231	295	Pg	1612	13.530	.400								

November 14 2020 Hour: 23:18 21.9 Lat: 40.30N Lon: 19.43E D: 10.1 Ag: TIR Regional
Magnitudes: 1.9ML TIR 1.9ML TIR Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLO		19	16	Sg		2318	28.37	1.10							
VLO		19	16	Pg	C	2318	25.290	.300							
VLO		19	16	IAML		2318	28.87			3000	0.2				
BERA		63	0	Pg	C	2318	30.650	.000							
BERA		62	43	Sg		2318	40.24	-1.20							
BERA		62	43	IAML		2318	45.92			71	0.3				
SRN		68	133	Sg		2318	44.56	1.00							
SRN		68	133	Pg		2318	33.15	-1.10							
SRN		68	133	IAML		2318	47.24			107	0.3				
KEK		72	154	Sg		2318	44.37	-.000							
KEK		72	154	Pg		2318	33.41	-1.40							
LSK		101	99	Sg		2318	55.11	2.50							
LSK		101	99	Pg		2318	37.45	-2.00							
IGT		115	137	Sg		2318	57.860	.700							
IGT		115	137	Pg		2318	42.450	.400							
KBN		120	72	Sg		2318	57.84	-.100							
KBN		120	72	Pg		2318	42.40	-.100							
NEST		138	84	Sn		2319	4.080	.500							
NEST		138	84	Pn		2318	44.90	-.800							
NEST		138	84	IAML		2319	6.84			36	0.5				
NOCI		208	286	Sn		2319	23.270	.200							
NOCI		208	286	Pn		2318	52.90	-4.00							
NOCI		208	286	IAML		2319	25.01			71	0.3				

November 15 2020 Hour: 4:7 47.5 Lat: 41.60N Lon: 20.73E D: 13.9 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
PHP		26	292	Sg		4	7	56.100	.300						
PHP		26	292	Pg	C	4	7	51.86	-.400						
PHP		26	292	IAML		4	7	56.59		679	0.2				
KBN		108	177	Sn		4	8	19.45	-.300						
KBN		108	177	Pg		4	8	6.310	.400						
SDA		113	297	Sg		4	8	22.07	-.000						
SDA		113	297	Pg		4	8	7.410	.100						
SDA		113	297	IAML		4	8	25.37			0.4				
BERA		118	0	Pn		4	8	11.350	.000						
BERA		119	214	Sn		4	8	23.40	-.000						
NEST		135	168	Sn		4	8	28.040	.200						
NEST		135	168	Pn		4	8	9.82	-.700						
NEST		135	168	IAML		4	8	31.97			0.8				
PDG		152	308	Sn		4	8	32.920	.000						
PDG		152	308	Pn		4	8	15.09	1.60						

November 15 2020 Hour: 13:9 17.9 Lat: 39.81N Lon: 20.08E D: 10.3 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
SRN		10	319	Sg		13	9	22.640	.000						
SRN		10	319	Pg		13	9	20.08	-.500						
SRN		10	319	IAML		13	9	23.20		429	0.1				
KEK		27	0	Pg		13	9	21.550	.000						
KEK		27	246	Sg		13	9	26.62	-.000						
IGT		38	145	Sg		13	9	29.970	.000						

IGT 38 145 Pg 13 9 24.780.000
 IGT 38 145 IAML 13 9 34.97 36 0.4

November 15 2020 Hour: 14: 8 29.5 Lat: 40.10N Lon: 19.88E D: 14.5 Ag: TIR Regional
Magnitudes: 3.0ML TIR 3.0ML TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN		27	157	Sg		14	8	39.510.200							
SRN		27	157	Pg		14	8	34.86-.300							
SRN		27	157	IAML		14	8	40.99	12286		0.3				
VLO		52	321	Sg		14	8	44.810.000							
VLO		52	321	Pg		14	8	37.72-.500							
VLO		52	321	IAML		14	8	50.84	8607		0.5				
LSK		61	85	Sg		14	8	48.850.400							
LSK		61	85	Pg		14	8	39.91-.400							
BERA		67	4	Sg		14	8	48.15-2.30							
BERA		67	4	Pg		14	8	39.41-2.00							
BERA		67	4	IAML		14	8	51.70	1071		0.2				
IGT		75	148	Sg		14	8	53.140.600							
IGT		75	148	Pg		14	8	42.960.300							
KBN		96	52	Sg		14	8	58.510.400							
KBN		96	52	Pg		14	8	45.980.200							
KBN		96	52	IAML		14	9	2.42	750		0.6				
NEST		105	0	Pg		14	8	47.020.000							
NEST		105	70	Sg		14	9	1.810.300							
NEST		105	70	IAML		14	9	7.62	500		0.6				
TIR		138	0	Sg		14	9	12.41 1.70							
TIR		138	0	Pg		14	8	53.290.200							
TIR		138	0	IAML		14	9	14.12	393		0.5				
LKD2		160	155	Sg		14	9	16.73-.300							
LKD2		160	155	Pg		14	8	56.47-.200							
PHP		181	14	Sg		14	9	22.33-.100							
PHP		181	14	Pg		14	8	58.88-.800							
PHP		181	14	IAML		14	9	34.03	321		1.1				
THL		192	107	Sg		14	9	24.93-.900							
THL		192	107	Pg		14	9	1.57-.100							
SDA		219	352	Pg		14	9	2.65-2.80							
NOCI		251	289	Sn		14	9	40.530.600							

November 16 2020 Hour: 22: 8 16.8 Lat: 42.34N Lon: 19.35E D: 25.7 Ag: TIR Regional
Magnitudes: 1.9ML TIR 1.9ML TIR Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA			0	Pn		22	8	46.770.000							
BERA		188	164	Sn		22	9	3.59-7.20							
PDG		12	324	Sg		22	8	25.010.200							
PDG		12	324	Pg	C	22	8	21.34-.000							
SDA		35	159	Sg		22	8	28.67-.700							
SDA		35	159	Pg		22	8	23.41-.500							
SDA		35	159	IAML		22	8	30.42	179		0.2				
PHP		117	128	Sg		22	8	50.75-.300							
PHP		117	128	Pg	D	22	8	36.970.600							
PHP		117	128	IAML		22	8	57.45	36		0.3				
TIR		119	158	Sg		22	8	53.33 1.20							
TIR		119	158	Pg		22	8	36.67-.300							
TIR		119	158	IAML		22	8	55.57	36		0.4				
NEST		257	145	Sn		22	9	22.66-4.10							
NEST		257	145	Pn		22	8	56.30-.500							

November 16 2020 Hour: 22:40 17.4 Lat: 40.47N Lon: 20.58E D: 14.5 Ag: TIR Regional
Magnitudes: 1.2ML TIR 1.2ML TIR Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN		25	46	Sg		2240		25.390.300							
KBN		25	46	Pg	C	2240		22.030.300							
LSK		36	177	Sg		2240		29.010.100							
LSK		36	177	Pg	C	2240		23.62-.300							

NEST	41	98	Sg		2240	30.08-.400									
NEST	41	98	Pg	C	2240	24.29-.600									
NEST	41	98	IAML		2240	30.55				36	0.2				
BERA	60	0	Pg	C	2240	27.520.000									
BERA	60	297	Sg		2240	35.74-.300									
BERA	60	297	IAML		2240	40.70				36	0.2				
SRN	82	217	Pg		2240	32.640.400									
IGT	107	192	Sg		2240	50.030.200									
IGT	107	192	Pg		2240	36.710.800									

November 17 2020 Hour: 1:49 30.9 Lat: 38.40N Lon: 21.90E D: 6.3 Ag: TIR Regional
Magnitudes: 4.1ML TIR 4.1ML TIR Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KLV		45	150	Sg		149	45.430.500								
KLV		45	150	Pg		149	39.030.100								
LKD2		117	293	Sg		150	7.280.800								
LKD2		117	293	Pg		149	50.44-.800								
LKD2		117	293	IAML		150	16.35			8929	0.5				
THL		130	4	Sg		150	10.910.300								
THL		130	4	Pg		149	53.05-.500								
IGT		186	314	Sn		150	28.24 2.00								
IGT		186	314	Pn		150	2.670.200								
IGT		186	314	IAML		150	35.31			1071	0.6				
LSK		225	331	Sn		150	37.120.600								
LSK		225	331	Pn		150	8.680.300								
SRN		232	316	Sn		150	38.78-.500								
SRN		232	316	Pn		150	8.54-1.40								
SRN		232	316	IAML		150	58.05			1214	0.9				
NEST		236	343	Pn		150	10.260.300								
THE		265	19	Pn		150	10.10-3.70								
KBN		265	340	Sn		150	46.040.700								
KBN		265	340	Pn		150	15.94 2.50								
KBN		265	340	IAML		151	6.41			821	1.4				
BERA		306	0	Pn		150	18.190.000								
VLO		309	319	Pn		150	18.66-.400								
PHP		386	342	Pn		150	28.16-1.40								

November 17 2020 Hour: 2:28 34.4 Lat: 41.59N Lon: 19.64E D: 6.1 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		33	145	Sg		228	44.64-.300								
TIR		33	145	Pg		228	40.34-.100								
TIR		33	145	IAML		228	45.61			71	0.1				
SDA		52	347	Sg		228	50.61-.100								
SDA		52	347	Pg	D	228	42.77-1.00								
PHP		67	0	Pg	C	228	45.850.000								
PHP		68	80	Sg		228	54.64-.100								
PHP		68	80	IAML		228	56.63			36	0.2				
PDG		98	342	Sg		229	4.51-.100								
PDG		98	342	Pg		228	50.88-.800								
NEST		177	137	Pn		229	4.780.200								

November 17 2020 Hour: 9:53 38.9 Lat: 41.93N Lon: 20.41E D: 7.8 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
PHP		27	174	S		953	47.210.100								
PHP		27	174	P		953	43.48-.100								
PHP		27	174	IAML		953	48.53			571	0.3				
SDA		77	281	S		954	3.310.600								
SDA		77	281	P		953	52.530.100								
TIR		78	0	P		953	56.410.000								
TIR		79	216	S		954	3.14-.000								
NEST		176	162	S		954	31.640.100								
NEST		176	162	P		954	8.95-.000								

LSK 198 175 S 954 37.35-.000
 LSK 198 175 P 954 12.23-.100

November 18 2020 Hour: 2:45 49.8 Lat: 40.50N Lon: 20.74E D: 15.1 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
KBN		15	17	Sg		245	55.060	.100							
KBN		15	17	Pg		245	52.840	.100							
KBN		15	17	IAML		245	56.03			786	0.2				
NEST		28	110	Sg		245	58.11	-1.30							
NEST		28	110	Pg		245	55.480	.200							
NEST		28	110	IAML		245	58.44			464	0.2				
LSK		41	197	Sg		246	2.14	-.800							
LSK		41	197	Pg		245	57.13	-.200							
BERA		71	0	Pg		246	1.560	.000							
BERA		71	289	Sg		246	12.080	.200							
BERA		71	289	IAML		246	15.93			71	0.3				
BERA		71	289	IAML		246	16.57			71	0.3				
SRN		93	223	Sg		246	19.240	.100							
SRN		93	223	Pg		246	6.38	-.200							
IGT		113	199	Sg		246	24.650	.500							
IGT		113	199	Pg		246	10.96	1.50							
PHP		133	350	Sg		246	28.83	-.400							
PHP		133	350	Pg		246	12.540	.200							
THL		151	133	Pg		246	13.86	-1.50							

November 18 2020 Hour: 2:46 51.0 Lat: 40.48N Lon: 20.76E D: 11.0 Ag: TIR Regional
Magnitudes: 2.7ML TIR 2.7ML TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN		16	7	Sg		246	56.420	.500							
KBN		16	7	Pg		246	54.240	.400							
KBN		16	7	IAML		246	57.46			5214	0.2				
NEST		26	107	Sg		246	58.99	-.500							
NEST		26	107	Pg		246	55.71	-.200							
NEST		26	107	IAML		246	59.79			3250	0.2				
NEST		26	107	IAML		246	59.61			2250	0.4				
LSK		40	201	Sg		247	3.480	.000							
LSK		40	201	Pg		246	57.69	-.500							
BERA		73	0	Pg		247	2.890	.000							
BERA		73	291	Sg		247	13.50	-.400							
BERA		73	291	IAML		247	18.44			393	0.5				
BERA		73	291	IAML		247	17.31			464	0.3				
SRN		93	225	Sg		247	20.23	-.200							
SRN		93	225	Pg		247	7.79	-.100							
VLO		108	270	Pg		247	10.68	1.50							
VLO		108	270	IAML		247	30.47			857	0.7				
IGT		112	200	Sg		247	26.090	.700							
IGT		112	200	Pg		247	10.720	.100							
TIR		122	322	Sg		247	29.66	1.40							
TIR		122	322	Pg		247	11.96	-.300							
TIR		122	322	IAML		247	35.89			107	0.7				
PHP		136	349	Sg		247	33.60	2.00							
PHP		136	349	Pg		247	13.93	-.300							
PHP		136	349	IAML		247	39.22			107	0.6				
THL		148	133	Sg		247	35.29	-.100							
THL		148	133	Pg		247	14.84	-1.50							
LKD2		188	183	Pn		247	23.490	.600							
SDA		203	330	Sg		247	50.86	-.200							
SDA		203	330	Pg		247	25.640	.300							

November 18 2020 Hour: 3:44 27.8 Lat: 40.50N Lon: 20.79E D: 19.6 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
KBN		15	359	Sg		344	33.920	.000							
KBN		15	359	Pg		344	31.440	.200							
KBN		15	359	IAML		344	35.26			143	0.2				
NEST		23	112	Sg		344	36.69	-.100							
NEST		23	112	Pg		344	32.87	-.100							
NEST		23	112	IAML		344	36.99			107	0.2				
LSK		42	204	Sg		344	41.26	-.200							
LSK		42	204	Pg		344	35.800	.200							
BERA		76	289	Sg		344	50.81	-.300							
BERA		76	289	Pg		344	40.36	-.700							
BERA		76	289	IAML		344	54.92			36	0.4				
SRN		96	225	Pg		344	44.980	.200							

November 18 2020 Hour: 4:28 26.8 Lat: 39.55N Lon: 20.58E D: 3.8 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
IGT		22	265	Sg		428	34.530	.300							
IGT		22	265	Pg		428	31.300	.300							
SRN		61	307	Sg		428	46.56	-.400							
SRN		61	307	Pg		428	37.36	-.900							
SRN		61	307	IAML		428	50.31			321	0.3				
LSK		67	1	Sg		428	48.370	.900							
LSK		67	1	Pg		428	38.46	-.100							
KEK		70	286	Pg		428	36.73	-2.60							
LKD2		85	175	Sg		428	55.37	2.10							
LKD2		85	175	Pg		428	41.940	.000							
NEST		103	22	Sg		428	59.430	.500							
NEST		103	22	Pg		428	44.80	-.400							
NEST		103	22	IAML		429	5.76			214	0.4				
KBN		120	8	Sg		429	4.86	1.80							
KBN		120	8	Pg		428	47.23	-.300							
KBN		120	8	IAML		429	8.53			107	0.6				
THL		123	88	Sg		429	4.65	-.100							
THL		123	88	Pg		428	48.26	-.200							
BERA		139	338	Sg		429	9.720	.100							
BERA		139	338	Pg		428	52.090	.800							
BERA		139	338	IAML		429	19.53			71	0.3				
KLV		216	140	S		429	31.870	.700							
KLV		216	140	Pg		429	3.16	-.400							
PHP		237	358	Pn		429	5.27	-.900							
PHP		237	358	IAML		429	49.61			71	1.2				

November 18 2020 Hour: 12:27 19.4 Lat: 40.48N Lon: 19.83E 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
BERA		28	21	S		1227	28.49	-.300							
BERA		28	21	P		1227	24.09	-.600							
BERA		28	21	IAML		1227	30.24			1036	0.2				
VLO		29	0	P		1227	23.280	.000							
VLO		28	269	S		1227	27.920	.200							
VLO		28	269	IAML		1227	29.86			5500	0.2				
SRN		68	167	S		1227	41.670	.000							
SRN		68	167	P		1227	31.07	-1.00							
LSK		75	118	S		1227	42.86	-.100							
LSK		75	118	P		1227	32.64	-.200							
KBN		83	78	S		1227	45.110	.400							
KBN		83	78	P		1227	33.46	-.400							
TIR		97	1	S		1227	49.49	-.200							
PHP		143	20	S		1228	3.880	.600							
PHP		143	20	P		1227	44.04	-.400							

PHP 143 20 IAML 1228 12.59 36 0.5

November 18 2020 Hour: 16:19 27.2 Lat: 39.63N Lon: 20.56E D: 8.6 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
IGT		22	241	Sg		1619	35.440	.800							
IGT		22	241	Pg		1619	31.560	.100							
SRN		56	301	Sg		1619	45.12-	.000							
SRN		56	301	Pg	D	1619	36.81-	.700							
LSK		58	3	Sg		1619	47.05	2.00							
LSK		58	3	Pg		1619	36.58-	.800							
KEK		66	279	Sg		1619	47.71-	.000							
KEK		66	279	Pg		1619	36.96-	2.00							
LKD2		93	174	Sg		1619	56.03-	.100							
LKD2		93	174	Pg		1619	43.67-	.100							
LKD2		93	174	IAML		1620	3.17		321	0.6					
NEST		97	25	Sg		1619	57.730	.800							
NEST		97	25	P		1619	43.09-	1.10							
NEST		97	25	IAML		1619	59.50		250	0.4					
KBN		112	9	Sg		1620	1.010	.300							
KBN		112	9	Pg		1619	46.13-	.300							
BERA		130	0	Pn		1619	49.490	.000							
BERA		130	337	Sn		1620	7.120	.100							
BERA		130	337	IAML		1620	16.72		321	0.5					
PHP		228	358	Pn		1620	5.090	.200							

November 18 2020 Hour: 23:10 28.2 Lat: 35.05N Lon: 20.96E D: 0.0 Ag: TIR Regional
Rms: 2.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	500	354	EP	D	2311	42.12	1.09							1.0
IGT	HN	500	354	ES		2312	30.61-	4.28							1.0
KEK	HZ	527	349	EP	D	2311	43.85-	.600							1.0
KEK	HN	527	349	ES		2312	37.67-	3.18							1.0
SRN	HZ	542	351	EP	D	2311	47.230	.900							1.0
SRN	HN	542	351	ES		2312	45.13	1.01							1.0
SRN	HE	542	351	ES		2312	45.17								
LSK	HZ	567	357	IP	D	2311	49.720	.210							1.0
LSK	HE	567	357	ES		2312	45.95-	3.70							1.0
LSK	HN	567	357	ES		2312	52.61								
NEST	HZ	595	1	EP	D	2311	53.370	.260							1.0
NEST	HN	595	1	ES		2312	58.05	2.13							1.0
NEST	HE	595	1	ES		2313	5.73								
KBN	HZ	619	359	IP	C	2311	55.73-	.170							1.0
KBN	HN	619	359	ES		2313	0.41-	.360							1.0
KBN	HE	619	359	ES		2313	0.50								
THE	HZ	644	15	EP	D	2311	56.18-	2.67							1.0
THE	HN	644	15	ES		2313	7.73	1.82							1.0
SDA	HZ	787	351	EP	D	2312	16.06-	.100							1.0
SDA	HN	787	351	ES		2313	42.15	6.12							1.0
PDG	HZ	832	350	EP		2312	21.57-	.030							1.0
PDG	HN	832	350	ES		2313	47.05	1.55							1.0

November 19 2020 Hour: 0:12 12.8 Lat: 41.31N Lon: 20.86E D: 13.6 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
PHP		53	320	S		012	30.58	1.40							
PHP		53	320	P		012	22.14-	.000							
PHP		53	320	IAML		012	31.77		321	0.3					
KBN		77	185	Sg		012	35.66-	.100							
KBN		77	185	Pg		012	26.200	.300							
TIR		83	273	S		012	38.21-	.200							
TIR		83	273	P		012	27.13-	.300							
TIR		83	273	IAML		012	41.39		107	0.3					
BERA		101	0	Pg		012	31.340	.000							

BERA	102	229	Sg	012	44.510.500												
BERA	102	229	IAML	012	49.70					71	0.5						
LSK	131	190	S	012	51.68-.300												
LSK	131	190	Pg	012	35.270.100												
SDA	140	307	S	012	56.27 1.70												
SDA	140	307	Pg	012	36.800.100												
SDA	140	307	IAML	013	0.16					107	0.4						
SRN	175	205	Sn	013	5.03-.100												
SRN	175	205	Pn	012	43.94 1.30												

November 19 2020 Hour: 3:19 45.4 Lat: 41.79N Lon: 21.03E D: 0.3 Ag: TIR Local
Magnitudes: 1.9ML TIR 2.6MW TIR Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SDA	HZ	130	283	EP	D	320	8.00-.300								1.0
SDA	HE	130	283	ES		320	25.700.470								1.0
SDA	HN	130	283	ES		320	26.11								
SDA	HZ	130	283	IAML		320	37.41			17	2.0				
KBN	HZ	131	189	EP		320	8.52-.020								1.0
KBN	HN	131	189	ES		320	25.40-.240								1.0
KBN	HZ	131	189	IAML		321	2.84			23	2.6				
NEST	HZ	153	179	EP		320	13.080.980								1.0
NEST	HN	153	179	ES		320	31.29-.560								1.0
PDG	HZ	163	296	EP		320	12.96-.660								1.0
PDG	HN	163	296	ES		320	34.550.060								1.0
LSK	HZ	186	191	EP	D	320	17.700.200								1.0
LSK	HN	186	191	ES		320	41.320.080								1.0

November 19 2020 Hour: 3:19 48.2 Lat: 41.72N Lon: 20.78E D: 2.9 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		29	263	Sg		319	56.88-.500								
PHP		29	263	P		319	53.18-.200								
PHP		29	263	IAML		319	57.21			3571	0.2				
TIR		87	0	P		320	2.330.000								
TIR		87	243	Sg		320	14.26-1.10								
TIR		87	243	IAML		320	19.41			71	0.6				
SDA		112	290	S		320	23.570.400								
SDA		112	290	Pg		320	8.11-.100								
SDA		112	290	IAML		320	32.99			107	0.3				
KBN		121	179	Sg		320	24.74-.200								
KBN		121	179	Pg		320	9.07-.100								
BERA		132	213	Sg		320	29.660.600								
BERA		132	213	Pg		320	13.07 1.60								
BERA		132	213	IAML		320	34.64			36	0.5				
LSK		175	186	S		320	40.77-.200								
LSK		175	186	P		320	18.850.500								

November 19 2020 Hour: 3:22 55.7 Lat: 40.13N Lon: 20.71E D: 10.2 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
LSK		10	281	Sg		322	59.510.000								
LSK		10	281	Pg		322	57.86-.000								
NEST		42	42	S		323	9.520.300								
NEST		42	42	P		323	3.710.300								
NEST		42	42	IAML		323	10.11			536	0.3				
KBN		55	7	Sg		323	11.70-.400								
KBN		55	7	Pg		323	4.86-.200								
SRN		67	246	Sg		323	17.180.100								
SRN		67	246	Pg		323	7.65-.300								
BERA		91	0	Pg		323	9.510.000								
BERA		91	315	S		323	21.41-2.30								
BERA		91	315	IAML		323	22.02			107	0.1				
VLO		110	291	S		323	28.390.300								
VLO		110	291	Pg		323	15.24 1.00								

VLO	110	291	IAML	323	35.92					393	0.4			
TIR	152	333	Sg	323	41.750.300									
TIR	152	333	Pg	323	23.94	2.10								
PHP	173	353	S	323	46.65	-.200								
PHP	173	353	Pn	323	24.85	-.100								
PHP	173	353	IAML	323	54.67					71	1.0			

November 19 2020 Hour: 3:22 56.0 Lat: 40.16N Lon: 20.70E D: 2.8 Ag: TIR Regional
Magnitudes: 1.8ML TIR 2.5MW TIR Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	9	265	EP	D	322	57.990	.240							1.0
LSK	HN	9	265	ES		322	59.510	.450							1.0
LSK	HZ	9	265	IAML		322	59.85			2042	0.1				
NEST	HZ	41	46	IP	C	323	3.570	.100							1.0
NEST	HN	41	46	ES		323	9.900	.890							1.0
NEST	HE	41	46	ES		323	9.96								
KBN	HZ	52	8	EP	D	323	4.74	-.770							1.0
KBN	HE	52	8	ES		323	11.79	-.770							1.0
KBN	HN	52	8	ES		323	12.47								
KBN	HZ	52	8	IAML		323	13.32			92	0.7				
SRN	HZ	67	243	EP	D	323	7.05	-1.21							1.0
SRN	HN	67	243	ES		323	17.29	-.050							1.0
SRN	HE	67	243	ES		323	17.32								
SRN	HZ	67	243	IAML		323	19.23			51	0.5				
IGT	HZ	76	205	EP		323	9.29	-.580							1.0
IGT	HN	76	205	ES		323	21.77	1.63							1.0
KEK	HN	92	238	ES		323	22.68	-1.85							1.0
VLO	HZ	108	289	EP	D	323	15.440	.340							1.0
VLO	HN	108	289	ES		323	30.81	1.57							1.0
VLO	HZ	108	289	IAML		323	35.37			91	0.8				

November 19 2020 Hour: 13:58 9.3 Lat: 41.78N Lon: 20.09E D: 25.0 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
PHP		30	0	Pg		1358	14.550	.000							
PHP		31	110	Sg		1358	19.41	-.200							
PHP		31	110	IAML		1358	19.73			214	0.4				
TIR		52	202	Sg		1358	26.200	.100							
TIR		52	202	IAML		1358	28.18			36	0.2				
SDA		58	301	Sg		1358	27.08	-.600							
SDA		58	301	Pg		1358	18.67	-1.10							
SDA		58	301	IAML		1358	29.09			179	0.2				
PDG		99	317	Pg		1358	27.220	.800							
PDG		99	317	Sg		1358	39.630	.400							
NEST		172	151	Sg		1358	59.05	-.300							
NEST		172	151	Pg		1358	38.190	.300							

November 19 2020 Hour: 19:0 17.9 Lat: 40.65N Lon: 21.64E D: 5.0F Ag: TIR Regional
Magnitudes: 1.9ML TIR 3.2MW TIR Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	56	243	IP	C	19	0	28.03	-.130						1.0
NEST	HN	56	243	ES		19	0	34.81	-.980						1.0
NEST	HE	56	243	ES		19	0	35.90							
KBN	HN	72	268	EP	C	19	0	30.35	-.600						1.0
KBN	HE	72	268	ES		19	0	41.350	.710						1.0
KBN	HZ	72	268	IAML		19	0	42.85		72	0.6				
LSK	HZ	104	238	EP	D	19	0	35.76	-.440						1.0
LSK	HN	104	238	ES		19	0	49.58	-.190						1.0
LSK	HZ	104	238	IAML		19	0	53.35		27	0.4				
SRN	HZ	163	239	EP	C	19	0	46.600	.770						1.0
SRN	HN	163	239	ES		19	1	7.030	.500						1.0
SRN	HZ	163	239	IAML		19	1	47.02		16	3.0				
IGT	HN	167	223	ES		19	1	7.810	.360						1.0

November 19 2020 Hour: 19: 0 18.8 Lat: 40.67N Lon: 21.64E D: 9.9 Ag: TIR Regional
 Magnitudes: 2.3ML TIR 2.3ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST		58	0	P		19	0	27.970.000							
NEST		58	241	S		19	0	34.36-2.40							
NEST		58	241	IAML		19	0	37.72		179	0.4				
KBN		72	266	S		19	0	40.740.500							
KBN		72	266	P		19	0	30.99-.100							
KBN		72	266	IAML		19	0	44.21		286	0.4				
LSK		106	237	S		19	0	49.41-1.60							
LSK		106	237	P		19	0	35.59-1.60							
THE		112	91	P		19	0	38.440.000							
THE		112	91	S		19	0	53.290.100							
PHP		150	319	S		19	1	5.68 2.20							
PHP		150	319	P		19	0	44.34-.000							
PHP		150	319	IAML		19	1	9.07		71	0.4				
SRN		165	239	S		19	1	8.680.000							
SRN		165	239	P		19	0	47.25-.000							
SRN		165	239	IAML		19	1	15.55		71	0.5				
IGT		169	222	S		19	1	9.09-.000							
IGT		169	222	IAML		19	1	12.02		36	0.5				
KEK		190	237	S		19	1	11.16-3.80							
LKD2		226	203	S		19	1	24.180.000							

November 19 2020 Hour: 20:11 38.7 Lat: 39.70N Lon: 20.56E D: 20.6 Ag: TIR Regional
 Magnitudes: 2.1ML TIR 3.0MW TIR Rms: 1.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	27	226	EP	D	2011	44.940.410								1.0
IGT	HN	27	226	ES		2011	50.57 1.70								1.0
LSK	HZ	50	4	EP	D	2011	47.21-.840								1.0
LSK	HN	50	4	ES		2011	55.160.180								1.0
LSK	HZ	50	4	IAML		2011	58.66			109	0.8				
SRN	HZ	52	293	EP	D	2011	48.15-.060								1.0
SRN	HE	52	293	ES		2011	55.760.480								1.0
SRN	HN	52	293	ES		2011	55.81								
SRN	HZ	52	293	IAML		2011	56.73			140	0.3				
KEK	HZ	65	272	EP	C	2011	48.14-2.21								1.0
KEK	HN	65	272	ES		2011	57.29-1.71								1.0
NEST	HZ	90	28	EP	D	2011	53.63-.760								1.0
NEST	HN	90	28	ES		2012	6.370.340								1.0
VLO	HZ	124	314	EP	D	2012	0.660.710								1.0
VLO	HN	124	314	ES		2012	17.46 1.76								1.0
VLO	HZ	124	314	IAML		2012	25.91			82	0.6				

November 19 2020 Hour: 20:11 38.9 Lat: 39.74N Lon: 20.55E D: 24.0 Ag: TIR Regional
 Magnitudes: 2.6ML TIR 2.6ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT		30	220	S		2011	50.190.800								
IGT		30	220	P		2011	45.040.100								
LSK		46	5	S		2011	53.720.100								
LSK		46	5	P		2011	47.320.100								
SRN		50	289	S		2011	55.780.200								
SRN		50	289	P		2011	48.25-.100								
KEK		65	268	S		2011	57.68-1.40								
KEK		65	268	P		2011	48.13-2.30								
NEST		86	29	S		2012	5.260.200								
NEST		86	29	P		2011	53.79-.100								
LKD2		106	174	S		2012	12.80 2.10								
LKD2		106	174	P		2011	56.97-.100								
LKD2		106	174	IAML		2012	16.03			179	0.3				
THL		127	98	S		2012	16.680.100								
PHP		216	358	S		2012	40.88 1.80								
PHP		216	358	P		2012	13.270.000								

PHP 216 358 IAML 2012 47.02 36 0.4

November 20 2020 Hour: 5:31 41.2 Lat: 40.31N Lon: 19.50E D: 28.6 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
VLO		18	358	Sg		531	49.880	.400							
VLO		18	358	Pg	C	531	45.39	-.500							
VLO		18	358	IAML		531	51.77			7357	0.3				
BERA		57	0	Pg		531	49.980	.000							
BERA		58	39	Sg		531	56.95	-3.10							
BERA		58	39	IAML		532	0.61			536	0.4				
SRN		63	138	Sg		532	1.48	-.700							
SRN		63	138	Pg		531	52.07	-1.10							
KEK		71	159	Sg		532	3.930	.500							
KEK		71	159	Pg		531	51.92	-2.00							
IGT		111	140	Sg		532	15.95	1.30							
IGT		111	140	Pg		532	0.680	.400							
KBN		115	71	Sg		532	14.610	.000							
KBN		115	71	Pg		532	0.17	-.100							
KBN		115	71	IAML		532	21.27			179	0.7				
TIR		119	14	Sg		532	16.930	.100							
TIR		119	14	Pg		532	2.090	.600							
TIR		119	14	IAML		532	23.39			143	0.7				
NEST		131	84	Sn		532	20.850	.700							
NEST		131	84	Pn		532	2.67	-.800							
NEST		131	84	IAML		532	25.36			143	0.8				
PHP		172	26	Sn		532	29.80	-.400							
PHP		172	26	Pn		532	9.05	-.100							
PHP		172	26	IAML		532	32.73			107	1.2				
NOCI		214	286	Sn		532	43.28	2.70							
NOCI		214	286	Pn		532	15.590	.500							
NOCI		214	286	IAML		532	51.53			179	0.3				

November 20 2020 Hour: 7:49 14.6 Lat: 40.44N Lon: 20.77E D: 7.0 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
BERA			0	Pg		749	26.110	.000							
BERA		76	294	Sg		749	37.970	.000							
BERA		76	294	IAML		749	40.38			36	0.2				
KBN		20	5	Sg		749	20.530	.000							
KBN		20	5	P		749	17.55	-.400							
KBN		20	5	IAML		749	21.03			714	0.3				
NEST		25	97	Sg		749	23.400	.900							
NEST		25	97	Pg		749	19.150	.000							
NEST		25	97	IAML		749	24.38			250	0.2				
SRN		90	227	S		749	43.060	.100							
SRN		90	227	Pg		749	30.78	-.100							

November 21 2020 Hour: 5:42 27.9 Lat: 40.46N Lon: 20.79E D: 9.5 Ag: TIR Regional
Magnitudes: 0.8ML TIR 0.8ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN		19	0	Sg		542	33.470	.100							
KBN		19	0	Pg	C	542	30.94	-.100							
NEST		22	102	Sg		542	35.41	-.100							
NEST		22	102	Pg		542	32.350	.100							
NEST		22	102	IAML		542	36.42			36	0.2				
LSK		38	206	Sg		542	39.730	.000							
LSK		38	206	Pg		542	32.91	-1.80							

November 21 2020 Hour: 11:51 57.5 Lat: 40.27N Lon: 19.67E D: 12.5 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
VLO		27	327	S		1152	5.550	.300							
VLO		27	327	P		1152	1.930	.000							
VLO		27	327	IAML		1152	7.36			2929	0.2				
VLO		27	327	IAML		1152	8.68			6214	0.2				
SRN		51	146	S		1152	14.730	.300							
SRN		51	146	P		1152	7.210	.000							
SRN		51	146	IAML		1152	20.94			143	0.3				
BERA		53	0	P		1152	6.080	.000							
BERA		55	25	S		1152	14.41	-.100							
BERA		55	25	IAML		1152	18.83			143	0.3				
BERA		55	25	IAML		1152	18.27			179	0.2				
KEK		62	169	S		1152	17.310	.200							
KEK		62	169	P		1152	8.740	.000							
LSK		80	99	S		1152	22.09	-.100							
LSK		80	99	P		1152	11.610	.000							
IGT		99	145	S		1152	28.00	-.100							
IGT		99	145	P		1152	14.96	-.000							
IGT		99	145	IAML		1152	34.93			71	0.3				
NEST		118	81	S		1152	34.380	.900							
NEST		118	81	P		1152	18.110	.000							
NEST		118	81	IAML		1152	38.91			107	0.5				

November 21 2020 Hour: 16:45 58.1 Lat: 39.47N Lon: 20.51E D: 25.1 Ag: TIR Regional
 Magnitudes: 2.5ML TIR 3.3MW TIR Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	17	293	IP		1646	4.020	.670							1.0
IGT	HE	17	293	IS		1646	7.460	.250							1.0
SRN	HZ	63	316	IP		1646	10.010	.350							1.0
SRN	HN	63	316	IS		1646	18.920	.720							1.0
SRN	HZ	63	316	IAML		1646	25.28			170	0.5				
KEK	HZ	67	294	EP		1646	9.03	-1.26							1.0
KEK	HN	67	294	IS		1646	19.06	-.220							1.0
LSK	HZ	76	6	EP		1646	11.43	-.290							1.0
LSK	HE	76	6	IS		1646	21.02	-.750							1.0
LSK	HZ	76	6	IAML		1646	29.91			442	0.6				
NEST	HZ	114	23	IP		1646	17.55	-.140							1.0
NEST	HN	114	23	IS		1646	32.840	.670							1.0

November 21 2020 Hour: 16:46 0.6 Lat: 39.51N Lon: 20.52E D: 25.3 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		17	279	S		1646	8.48	-.700							
IGT		17	279	Pg		1646	4.00	-1.50							
SRN		61	313	Sg		1646	19.81	-.800							
SRN		61	313	Pg		1646	10.01	-2.00							
LSK		71	5	Sg		1646	22.28	-.300							
LSK		71	5	P		1646	11.23	-2.00							
KBN		126	10	Sg		1646	38.10	1.00							
KBN		126	10	P		1646	22.63	1.20							
BERA		142	340	S		1646	42.33	-.100							
BERA		142	340	P		1646	24.770	.300							
BERA		142	340	IAML		1646	44.98			214	0.3				
TIR		217	0	Pn		1646	35.600	.000							
TIR		211	345	Sn		1647	0.680	.600							
TIR		211	345	IAML		1647	5.92			71	0.3				
PHP		241	359	S		1647	6.22	-.300							
PHP		241	359	Pn		1646	37.73	-.500							
PHP		241	359	IAML		1647	14.80			107	0.7				

November 22 2020 Hour: 2:24 3.9 Lat: 39.02N Lon: 20.47E D: 0.0 Ag: TIR Local
Magnitudes: 2.4ML TIR Rms: 1.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	58	348	EP		224	13.00	-1.36							1.0
IGT	HE	58	348	ES		224	20.89	-1.24							1.0
KEK	HZ	96	323	IP		224	21.64	0.470							1.0
KEK	HE	96	323	ES		224	35.34	1.35							1.0
SRN	HE	103	337	IAML		224	29.74		111	2.9					1.0
SRN	HE	103	337	ES		224	35.74	-.330							1.0
NEST	HZ	162	18	EP		224	31.77	-.350							1.0
NEST	HE	162	18	ES		224	54.51	1.47							1.0

November 22 2020 Hour: 9:7 21.0 Lat: 41.27N Lon: 20.24E D: 7.0 Ag: TIR Regional
Magnitudes: 1.5ML TIR 1.5ML 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		9	7	26.260.000							
TIR		32	286	S		9	7	31.420.000							
TIR		32	286	IAML		9	7	34.68		107	0.4				
PHP		49	19	S		9	7	35.790.000							
PHP		49	19	P		9	7	29.430.000							
PHP		49	19	IAML		9	7	39.28		71	0.2				
SDA		107	325	S		9	7	53.650.000							

November 22 2020 Hour: 12:11 9.9 Lat: 40.40N Lon: 21.38E D: 2.2 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
NEST		28	273	S		1211	19.16	-.400							
NEST		28	273	P		1211	15.41	0.000							
NEST		28	273	IAML		1211	19.56			286	0.2				
KBN		56	297	S		1211	27.08	-.000							
KBN		56	297	P		1211	19.77	0.000							
KBN		56	297	IAML		1211	27.94			71	0.5				
LSK		72	248	S		1211	32.71	0.100							
THL		108	0	P		1211	28.87	0.000							
IGT		132	224	S		1211	50.83	-.000							
IGT		132	224	IAML		1212	16.26			71	2.4				

November 23 2020 Hour: 10:34 41.3 Lat: 40.05N Lon: 19.85E D: 23.7 Ag: TIR Local
Magnitudes: 2.1ML TIR 3.3MW TIR Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	23	146	EP	D	1034	46.76	-.180							1.0
SRN	HN	23	146	ES		1034	51.36	0.220							1.0
SRN	HZ	23	146	IAML		1034	53.49			400	0.4				1.0
KEK	HZ	38	186	EP	C	1034	47.19	-1.76							1.0
KEK	HN	38	186	ES		1034	54.39	-.240							1.0
VLO	HZ	55	327	EP	D	1034	51.43	-.060							1.0
VLO	HN	55	327	ES		1035	0.07	1.01							1.0
VLO	HZ	55	327	IAML		1035	1.99			212	0.3				1.0
LSK	HZ	65	80	EP		1034	52.09	-1.01							1.0
LSK	HN	65	80	ES		1035	1.22	-.640							1.0
LSK	HZ	65	80	IAML		1035	4.22			192	0.8				1.0
IGT	HZ	71	144	EP	C	1034	54.96	0.940							1.0
IGT	HN	71	144	ES		1035	5.08	1.61							1.0
NEST	HZ	110	68	EP	D	1034	59.90	-.400							1.0
NEST	HN	110	68	ES		1035	14.91	0.520							1.0

November 23 2020 Hour: 10:34 42.1 Lat: 40.07N Lon: 19.93E D: 3.5 Ag: TIR Regional
Magnitudes: 2.8ML TIR 2.8ML TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN		22	163	Sg		1034	50.51	0.300							
SRN		22	163	Pg		1034	46.53	-.200							
SRN		22	163	IAML		1034	52.95			2536	0.3				
KEK		41	196	Sg		1034	54.08	-1.30							

KEK	41	196	Pg	1034	47.35-2.30														
VLO	58	321	Sg	1034	58.97-.200														
VLO	58	321	Pg	1034	49.11-2.70														
VLO	58	321	IAML	1035	3.64					2714	0.4								
LSK	58	80	Sg	1035	0.24-.100														
LSK	58	80	Pg	1034	52.04-.400														
IGT	69	149	Sg	1035	4.010.300														
IGT	69	149	Pg	1034	54.810.300														
IGT	69	149	IAML	1035	12.21					393	0.2								
BERA	70	0	Pg	1034	52.680.000														
BERA	71	1	Sg	1035	3.21-1.30														
BERA	71	1	IAML	1035	5.06					1036	0.5								
BERA	71	1	IAML	1035	5.34					750	0.5								
KBN	96	49	Sg	1035	11.380.400														
KBN	96	49	Pg	1034	58.900.300														
NEST	103	67	Sg	1035	14.060.000														
NEST	103	67	Pg	1034	59.65-.700														
NEST	103	67	IAML	1035	18.01					179	0.4								
TIR	142	358	Sg	1035	26.400.600														
TIR	142	358	Pg	1035	7.340.300														
TIR	142	358	IAML	1035	28.61					107	0.3								
LKD2	156	155	Sg	1035	29.46-.100														
LKD2	156	155	Pg	1035	9.210.000														
LKD2	156	155	IAML	1035	32.51					286	0.4								
PHP	185	13	Pg	1035	12.53-1.10														
PHP	185	13	IAML	1035	41.58					107	0.4								
THL	187	106	Pn	1035	14.05-.300														

November 23 2020 Hour: 16:9 15.3 Lat: 40.15N Lon: 20.63E D: 13.8 Ag: TIR Regional
Magnitudes: 1.1ML TIR 1.1ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK		2	264	S		16	9	18.82-.000							
LSK		2	264	P		16	9	17.31-.000							
NEST		46	50	S		16	9	29.94-.000							
NEST		46	50	P		16	9	23.670.000							
NEST		46	50	IAML		16	9	31.80			36	0.2			
SRN		61	241	P		16	9	26.700.000							
SRN		61	241	S		16	9	35.260.000							
SRN		61	241	IAML		16	9	38.40			36	0.4			
IGT		73	201	S		16	9	39.30 1.20							
IGT		73	201	P		16	9	28.330.000							
IGT		73	201	IAML		16	9	41.49						0.7	

November 23 2020 Hour: 20:48 33.5 Lat: 41.30N Lon: 19.11E D: 26.2 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
SDA		89	20	S		2049		1.040.400							
SDA		89	20	P		2048		48.83-.200							
SDA		89	20	IAML		2049		6.54			36	0.3			
BERA		93	0	P		2048		48.980.000							
BERA		97	133	S		2049		2.47-.300							
BERA		97	133	IAML		2049		3.31			36	0.2			
PHP		119	68	S		2049		8.02-.500							
PHP		119	68	P		2048		53.820.300							
PHP		119	68	IAML		2049		13.03			36	0.6			
NOCI		181	253	P		2049		3.480.100							
KEK		186	161	S		2049		22.74-4.20							
KEK		186	161	P		2049		1.89-2.10							
NEST		191	120	S		2049		28.750.700							
NEST		191	120	P		2049		4.55-.200							
IGT		222	151	S		2049		35.23-.200							

November 24 2020 Hour: 8:12 13.4 Lat: 40.60N Lon: 20.31E D: 2.0 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
BERA		33	291	S		812	24.10	-.500							
BERA		33	291	Pg		812	18.68	-1.20							
BERA		33	291	IAML		812	24.74			536	0.3				
KBN		40	86	S		812	25.92	-.000							
KBN		40	86	Pg		812	19.73	-.900							
LSK		56	154	Sg		812	30.92	-.400							
LSK		56	154	P		812	22.94	-.700							
SRN		85	199	S		812	41.31	0.500							
SRN		85	199	P		812	29.12	0.100							
PHP		120	5	S		812	50.56	0.200							
PHP		120	5	Pg		812	34.81	0.300							
PHP		120	5	IAML		812	54.67			71	0.5				

November 24 2020 Hour: 17:12 6.6 Lat: 41.12N Lon: 19.95E D: 14.9 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
TIR		27	0	Pg		1712	11.99	0.000							
TIR		27	345	Sg		1712	16.04	0.200							
TIR		27	345	IAML		1712	17.95			214	0.2				
BERA		46	181	Sg		1712	21.35	0.200							
BERA		46	181	Pg		1712	14.42	-.500							
BERA		46	181	IAML		1712	25.31			214	0.3				
BERA		46	181	IAML		1712	23.22			179	0.2				
PHP		76	32	Sg		1712	29.25	-.200							
PHP		76	32	Pg		1712	17.94	-1.70							
PHP		76	32	IAML		1712	32.90			107	0.6				
KBN		89	127	Sg		1712	33.42	0.200							
LSK		120	152	Sg		1712	42.51	-.300							
LSK		120	152	Pg		1712	27.32	0.000							
NEST		121	129	Sg		1712	43.39	0.300							
NEST		121	129	Pg		1712	26.02	-1.50							
NEST		121	129	IAML		1712	48.51			36	0.5				
SRN		138	178	Sg		1712	49.26	0.900							
SRN		138	178	Pg		1712	30.57	0.100							
KEK		157	185	Pg		1712	31.24	-1.90							
IGT		179	169	Sg		1712	59.19	-.100							
IGT		179	169	Pg		1712	36.54	-.200							

November 25 2020 Hour: 8:38 50.7 Lat: 40.78N Lon: 20.69E D: 14.6 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		19	153	S		838	57.21	0.300							
KBN		19	153	P		838	54.28	0.000							
NEST		50	0	P		838	56.88	0.000							
NEST		50	142	S		839	5.58	-1.10							
NEST		50	142	IAML		839	7.21			71	0.3				
LSK		70	187	P		839	3.02	0.000							
LSK		70	187	S		839	12.23	-.000							
PHP		103	349	S		839	21.66	-.000							
PHP		103	349	IAML		839	22.53			71	0.5				

November 25 2020 Hour: 21:27 44.6 Lat: 41.69N Lon: 19.85E 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
TIR		38	0	Pg		2127	49.72	0.000							
TIR		38	178	Sg		2127	56.63	-.600							
TIR		38	178	IAML		2127	57.98			143	0.3				
PHP		49	90	S		2128	0.14	0.100							
PHP		49	90	Pg		2127	52.75	-.700							
PHP		49	90	IAML		2128	3.91			179	0.4				

SDA	50	324	Sg	2128	0.900.100												
SDA	50	324	Pg	2127	52.98-.900												
SDA	50	324	IAML	2128	1.21					71	0.2						
BERA	109	175	Sg	2128	19.030.400												
BERA	109	175	Pg	2128	4.190.100												
BERA	109	175	IAML	2128	22.79					36	0.3						

November 25 2020 Hour: 22:44 56.0 Lat: 37.94N Lon: 24.54E D: 52.6 Ag: TIR Regional
Magnitudes: 3.8ML TIR 3.8ML TIR Rms: 2.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
KLV		210	275	Sn		2245	55.73	3.60									
KLV		210	275	Pn		2245	31.46	3.40									
ITM		246	251	Sn		2245	58.49	-1.90									
ITM		246	251	Pn		2245	33.34	0.500									
THL		285	311	Sn		2246	16.70	7.40									
THL		285	311	Pn		2245	43.40	5.50									
IDI		296	173	Sn		2246	2.70	-9.20									
IDI		296	173	Pn		2245	35.12	-4.20									
LKD2		353	287	Sn		2246	25.09	0.100									
LKD2		353	287	Pn		2245	47.93	1.10									
LKD2		353	287	IAML		2246	28.64			321	0.3						
ARG		371	119	Sn		2246	28.85	-.700									
ARG		371	119	Pn		2245	50.94	1.50									
IGT		407	298	Sn		2246	35.85	-1.80									
IGT		407	298	Pn		2245	54.54	0.500									
NEST		408	314	Sn		2246	41.87	3.90									
NEST		408	314	Pn		2245	57.60	3.30									
NEST		408	314	IAML		2246	46.93			36	0.3						
LSK		420	308	Sn		2246	42.41	1.80									
LSK		420	308	Pn		2245	58.35	2.60									
SRN		449	301	Sn		2246	44.83	-3.20									
SRN		449	301	Pn		2245	59.75	-.300									
SRN		449	301	IAML		2246	46.09			107	0.2						
KEK		457	298	Pn		2245	57.97	-2.70									
BERA		500	0	Pn		2246	7.11	0.000									
BERA		502	310	Sn		2246	58.03	-1.60									
BERA		502	310	IAML		2246	58.80			143	0.5						
VLO		518	305	Sn		2247	2.32	0.000									
VLO		518	305	Pn		2246	8.35	0.200									
PHP		545	322	Sn		2247	9.52	0.500									
PHP		545	322	Pn		2246	12.81	0.800									
PHP		545	322	IAML		2247	12.89			36	0.2						
TIR		552	315	Sn		2247	9.83	-1.40									
TIR		552	315	Pn		2246	13.43	0.200									
TIR		552	315	IAML		2247	13.29			71	0.5						
SDA		628	319	Sn		2247	25.22	-3.60									
SDA		628	319	Pn		2246	21.53	-1.80									
SDA		628	319	IAML		2247	28.14			71	0.2						
PDG		672	320	Pn		2246	26.95	-2.20									
TIP		693	284	Pn		2246	25.55	-6.40									
CUC		791	290	Pn		2246	38.58	-6.30									

November 26 2020 Hour: 0:46 22.5 Lat: 42.47N Lon: 19.87E D: 6.1 Ag: TIR Regional
Magnitudes: 2.4ML TIR 2.4ML TIR Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
PDG		50	265	Sg		046	38.09	-.300									
PDG		50	265	Pg		046	31.43	-.200									
SDA		57	0	Pg		046	31.95	0.000									
SDA		57	214	Sg		046	38.55	-1.50									
SDA		57	214	IAML		046	43.53			464	0.6						
SDA		57	214	IAML		046	40.31			607	0.4						
PHP		99	151	Sg		046	52.10	-.400									
PHP		99	151	Pg		046	39.55	-.100									
PHP		99	151	IAML		046	58.00			71	0.4						

TIR	125	181	Sg	047	0.65-	.100									
TIR	125	181	Pg	046	44.10-	.300									
TIR	125	181	IAML	047	3.16				107	0.3					
BERA	196	178	Sg	047	21.210.	.300									
BERA	196	178	Pg	046	56.320.	.400									
BERA	196	178	IAML	047	23.97				36	0.3					
NEST	249	156	Sn	047	33.57-	.500									
NEST	249	156	Pn	047	3.960.	.500									
SRN	288	177	Pn	047	6.72-	2.30									
IGT	329	173	Pn	047	12.68-	1.30									

November 26 2020 Hour: 4: 0 15.4 Lat: 41.96N Lon: 20.35E D: 2.2 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
PHP		31	0	Pg		4	0	21.670.	0.000						
PHP		32	165	Sg		4	0	25.50-	.200						
PHP		32	165	IAML		4	0	26.02		286	0.5				
SDA		71	279	Sg		4	0	37.970.	0.000						
SDA		71	279	Pg		4	0	28.370.	.100						
SDA		71	279	IAML		4	0	43.54		71	0.4				
TIR		79	211	Sg		4	0	40.06-	.400						
TIR		79	211	Pg		4	0	29.790.	.100						
TIR		79	211	IAML		4	0	44.18		36	0.6				
PDG		103	301	Sg		4	0	47.67-	.100						
PDG		103	301	Pg		4	0	33.79-	.100						
NEST		182	160	Sg		4	1	10.710.	.200						
NEST		182	160	Pg		4	0	46.89-	.000						
NEST		182	160	IAML		4	1	17.08			0.5				
LSK		202	173	Sg		4	1	18.31	2.20						

November 26 2020 Hour: 4:48 10.2 Lat: 40.74N Lon: 20.97E D: 9.8 Ag: TIR Regional
Magnitudes: 2.3ML TIR 2.3ML TIR Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST		37	169	Sg		448	21.990.	.200							
NEST		37	169	Pg		448	17.520.	.700							
NEST		37	169	IAML		448	24.09			750	0.2				
NEST		37	169	IAML		448	23.24			1214	0.1				
LSK		72	207	Sg		448	31.85-	.500							
LSK		72	207	Pg		448	22.58-	.300							
BERA		87	0	Pg		448	24.410.	.000							
BERA		87	269	Sg		448	34.26-	2.70							
BERA		87	269	IAML		448	39.01			143	0.4				
BERA		87	269	IAML		448	39.27			143	0.4				
PHP		115	338	Sg		448	45.350.	.600							
PHP		115	338	Pg		448	29.86-	.100							
PHP		115	338	IAML		448	48.42			143	0.6				
TIR		116	307	Sg		448	47.22	1.70							
TIR		116	307	Pg		448	29.64-	.700							
TIR		116	307	IAML		448	52.36			107	0.9				
SRN		126	222	Sg		448	49.780.	.600							
SRN		126	222	Pg		448	31.92-	.600							
SRN		126	222	IAML		448	53.41			107	0.6				
IGT		145	203	Sg		448	54.350.	.600							
IGT		145	203	Pg		448	36.79	1.70							
KEK		151	222	Pg		448	35.43-	.800							
THL		158	145	Sg		448	56.63-	.700							
THL		158	145	Pg		448	36.92-	.200							
LKD2		218	188	Pn		448	47.460.	.900							
PDG		236	324	Sn		449	17.55-	.600							
PDG		236	324	Pn		448	49.650.	.700							

November 26 2020 Hour: 20: 3 41.9 Lat: 40.69N Lon: 20.86E D: 8.8 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
NEST		36	0	Pg		20	3	47.980.000							
NEST		35	152	Sg		20	3	52.85-.200							
NEST		35	152	IAML		20	3	53.68		536	0.1				
LSK		65	201	Sg		20	4	2.230.600							
LSK		65	201	Pg		20	3	52.94-.200							
BERA		78	272	Pg		20	3	55.920.400							
BERA		78	272	Sg		20	4	5.35-.400							
BERA		78	272	IAML		20	4	9.70		71	0.3				
PHP		116	343	Pg		20	4	2.080.300							
PHP		116	343	Sg		20	4	16.67-.100							
PHP		116	343	IAML		20	4	18.88		36	0.6				
SRN		117	220	Sg		20	4	18.05-.100							
IGT		137	200	Sg		20	4	24.63 1.20							
IGT		137	200	Pg		20	4	7.24 1.60							
IGT		137	200	IAML		20	4	30.44		36	0.7				
KEK		141	221	Sg		20	4	25.000.200							
KEK		141	221	Pg		20	4	5.98-.400							

November 26 2020 Hour: 22:25 42.4 Lat: 40.93N Lon: 19.56E D: 17.2 Ag: TIR Regional
 Magnitudes: 1.2ML TIR 1.2ML TIR Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA		41	126	Sg		2225		55.830.100							
BERA		41	126	Pg		2225		50.01-.000							
BERA		41	126	IAML		2225		56.52		71	0.2				
TIR		49	0	Pg		2225		50.430.000							
TIR		53	29	Sg		2225		54.50-4.90							
TIR		53	29	IAML		2225		58.09		36	0.2				
TIR		53	29	IAML		2226		0.95		36	0.4				
SDA		125	358	Pg		2226		3.66-.000							
SDA		125	358	Sg		2226		19.720.000							
KEK		137	171	Sg		2226		23.120.200							
KEK		137	171	Pg		2226		6.500.900							
NEST		139	113	Sg		2226		23.580.100							
NEST		139	113	Pg		2226		5.84-.000							
IGT		169	156	Sg		2226		31.66-.200							

November 27 2020 Hour: 2: 9 30.4 Lat: 41.13N Lon: 19.92E D: 24.9 Ag: TIR Regional
 Magnitudes: 2.5ML TIR 2.5ML TIR Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR		25	0	Pg		2	9	35.700.000							
TIR		25	350	Sg		2	9	40.80 1.30							
TIR		25	350	IAML		2	9	41.00		786	0.2				
BERA		47	177	Sg		2	9	45.43-.200							
BERA		47	177	Pg		2	9	38.33-.800							
BERA		47	177	IAML		2	9	49.77		464	0.4				
PHP		76	35	Sg		2	9	53.850.600							
PHP		76	35	Pg		2	9	42.97-.500							
PHP		76	35	IAML		210		0.44		250	0.3				
VLO		81	207	Sg		2	9	54.960.800							
VLO		81	207	Pg		2	9	45.10 1.10							
VLO		81	207	IAML		210		1.71		821	0.3				
SDA		108	342	Sg		210		2.66-.200							
SDA		108	342	Pg		2	9	49.060.100							
SDA		108	342	IAML		210		6.76		214	0.3				
LSK		123	151	Pg		2	9	51.620.500							
NEST		125	129	Pg		2	9	52.180.700							
NEST		125	129	IAML		210		13.78		107	0.5				
SRN		139	177	Sg		210		11.65-.400							
SRN		139	177	Pg		2	9	53.88-.300							
SRN		139	177	IAML		210		15.58		143	0.6				

PDG	155	340	Sg	210	15.68-	.100													
PDG	155	340	Pg	2	9	55.85-	.500												
KEK	158	184	Sg	210	14.65-	1.90													
KEK	158	184	Pg	2	9	53.78-	3.00												
IGT	181	168	Sg	210	22.56-	.000													
IGT	181	168	Pg	210	0.03-	.200													
NOCI	244	263	Pn	210	9.010.	.400													
NOCI	244	263	IAML	210	45.84						107	0.3							
MRVN	312	270	Pn	210	13.49-	4.40													

November 27 2020 Hour: 15:21 1.8 Lat: 39.53N Lon: 20.73E D: 7.1 Ag: TIR Regional
Magnitudes: 1.1ML TIR 1.1ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT		35	271	S		1521	12.680.	.000							
IGT		35	271	P		1521	8.010.	.000							
IGT		35	271	IAML		1521	15.88			36	0.3				
KEK		82	285	S		1521	25.85-	1.30							
LKD2		82	185	S		1521	27.240.	.000							
LKD2		82	185	IAML		1521	29.39			36	0.4				
NEST		102	15	S		1521	33.320.	.300							
NEST		102	15	P		1521	19.640.	.000							
NEST		102	15	IAML		1521	35.24				0.4				

November 27 2020 Hour: 17:18 29.2 Lat: 39.65N Lon: 18.86E D: 7.2 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
KEK		80	84	S		1718	54.600.	.500							
KEK		80	84	P		1718	43.31-	.200							
SRN		101	74	S		1719	0.910.	.000							
SRN		101	74	P		1718	47.370.	.100							
SRN		101	74	IAML		1719	3.95			36	0.6				
IGT		127	95	S		1719	8.040.	.000							
IGT		127	95	P		1718	51.410.	.000							
IGT		127	95	IAML		1719	17.25				0.4				
NEST		206	64	S		1719	30.01-	.100							
NEST		206	64	P		1719	3.990.	.000							
NEST		206	64	IAML		1719	34.17				0.9				

November 27 2020 Hour: 19:30 37.3 Lat: 38.33N Lon: 20.96E D: 5.9 Ag: TIR Regional
Magnitudes: 2.2ML TIR 2.2ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2		57	333	S		1930	54.84-	.100							
LKD2		57	333	P		1930	46.98-	.400							
LKD2		57	333	IAML		1930	58.71			500	0.2				
IGT		143	338	S		1931	21.390.	.300							
IGT		143	338	P		1931	2.27-	.000							
IGT		143	338	IAML		1931	26.78			36	0.4				
ITM		155	146	S		1931	24.420.	.400							
ITM		155	146	P		1931	3.95-	.000							
NEST		231	1	P		1931	15.84-	.000							

November 27 2020 Hour: 21:0 35.7 Lat: 40.14N Lon: 19.81E D: 6.0 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
SRN		33	150	S		21	0	46.98-	.100						
SRN		33	150	P		21	0	42.05-	.100						
SRN		33	150	IAML		21	0	49.14		571	0.4				
VLO		45	324	S		21	0	52.86	4.30						
VLO		45	324	IAML		21	0	56.67		500	0.2				
KEK		48	182	S		21	0	49.08-	1.60						
KEK		48	182	P		21	0	42.08-	2.20						
BERA		63	10	S		21	0	57.69	2.20						
BERA		63	10	P		21	0	46.96-	.000						
BERA		63	10	IAML		21	1	0.90		71	0.4				

IGT	81	146	S	21	1	0.72-	.000										
IGT	81	146	P	21	0	50.000	.000										
NEST	110	73	S	21	1	9.310	.000										
NEST	110	73	P	21	0	54.900	.000										
NEST	110	73	IAML	21	1	15.47				36	0.5						
LKD2	167	153	S	21	1	25.74-	.300										
LKD2	167	153	P	21	1	4.560	.100										

November 27 2020 Hour: 21:24 38.6 Lat: 41.91N Lon: 20.27E D: 2.6 Ag: TIR Regional
Magnitudes: 1.5ML TIR 1.5ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP		30	0	P		2124	43.200	.000							
PHP		29	150	S		2124	47.58-	.200							
PHP		29	150	IAML		2124	47.67			286	0.2				
SDA		67	285	S		2124	59.60-	.000							
SDA		67	285	P		2124	50.620	.000							
SDA		67	285	IAML		2125	4.89			36	0.4				
PDG		101	306	S		2125	10.270	.000							
NEST		178	158	S		2125	32.710	.000							
NEST		178	158	P		2125	9.490	.000							
NEST		178	158	IAML		2125	36.84				0.5				

November 27 2020 Hour: 23: 7 45.7 Ag: Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ			EP		23	9	26.33							
NEST	HN			ES		23	9	47.74							

November 27 2020 Hour: 23:45 5.1 Lat: 41.71N Lon: 20.34E D: 6.8 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
PHP		9	0	Pg	C	2345	6.210	.000							
PHP		9	108	Sg		2345	7.830	.000							
PHP		9	108	IAML		2345	8.61			429	0.1				
SDA		80	299	Sg		2345	29.690	.000							
SDA		80	299	Pg		2345	18.32-	.800							
SDA		80	299	IAML		2345	32.46			36	0.1				
NEST		156	157	Sn		2345	52.060	.000							
NEST		156	157	Pn		2345	31.74-	.200							

November 28 2020 Hour: 3:46 29.4 Lat: 41.77N Lon: 20.40E D: 9.0 Ag: TIR Regional
Magnitudes: 2.2ML TIR 2.2ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BERA			0	Pg		346	49.810	.000							
BERA		123	199	Sg		347	7.410	.200							
BERA		123	199	IAML		347	16.94			71	0.5				
PHP		10	160	Sg		346	32.800	.100							
PHP		10	160	Pg	C	346	31.25-	.000							
PHP		10	160	IAML		346	33.07			6107	0.3				
TIR		65	225	Sg		346	48.12-	1.30							
TIR		65	225	Pg		346	40.55-	.300							
TIR		65	225	IAML		346	53.50			143	0.4				
SDA		81	294	Sg		346	54.530	.100							
SDA		81	294	Pg	C	346	43.37-	.300							
SDA		81	294	IAML		346	57.46			357	0.1				
PDG		120	309	Sg		347	6.320	.300							
PDG		120	309	Pg		346	48.71-	1.60							
NEST		160	159	Sg		347	17.450	.200							
NEST		160	159	Pg		346	55.89-	.800							
NEST		160	159	IAML		347	22.63			36	0.6				

November 28 2020 Hour: 16:45 24.1 Lat: 39.62N Lon: 18.85E D: 2.0 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
KEK		82	82	Sg		1645	49.980	.000							
KEK		82	82	Pg		1645	38.22	-.700							
SRN		103	73	Sg		1645	56.82	-.100							
SRN		103	73	Pg		1645	42.980	.100							
SRN		103	73	IAML		1645	59.82			107	0.3				
VLO		109	30	Pg		1645	43.060	.200							
IGT		128	93	Sg		1646	3.910	.200							
IGT		128	93	Pg		1645	46.59	-.100							
BERA		152	0	Pg		1645	50.510	.000							
BERA		153	37	Sg		1646	9.69	-1.50							
BERA		153	37	IAML		1646	11.97			36	0.5				
LKD2		181	119	Sg		1646	19.110	.000							
LKD2		181	119	Pg		1645	53.44	-2.10							
LKD2		181	119	IAML		1646	24.67			36	0.4				
NEST		208	64	Sg		1646	26.42	-.100							
NEST		208	64	Pg		1645	60.000	.300							
NEST		208	64	IAML		1646	30.15			36	0.6				

November 28 2020 Hour: 21:14 45.3 Lat: 40.08N Lon: 19.87E D: 3.3 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
SRN		26	154	Sg		21 1	56.16	1.60							
SRN		26	154	Pg		21 1	50.770	.200							
SRN		26	154	IAML		21 1	57.14			1786	0.3				
KEK		42	0	Pg		21 1	51.190	.000							
KEK		42	190	Sg		21 1	58.73	-.200							
VLO		53	324	Sg		21 2	1.340	.100							
VLO		53	324	Pg		21 1	54.11	-.300							
VLO		53	324	IAML		21 2	3.41			1143	0.2				
BERA		70	5	Sg		21 2	6.27	-1.00							
BERA		70	5	Pg		21 1	55.97	-1.90							
BERA		70	5	IAML		21 2	7.09			250	0.3				
BERA		70	5	IAML		21 2	7.33			321	0.4				
IGT		72	147	Pg		21 1	58.700	.300							
NEST		107	69	Pg		21 2	3.88	-.300							
TIR		140	0	Sg		21 2	28.750	.200							
TIR		140	0	Pg		21 2	10.100	.100							
TIR		140	0	IAML		21 2	35.30			71	0.6				
LKD2		159	154	Pn		21 2	13.130	.100							

November 29 2020 Hour: 9:9 39.7 Lat: 39.84N Lon: 20.68E D: 7.0 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
IGT		46	222	S		9 9	54.050	.100							
IGT		46	222	P		9 9	47.960	.100							
IGT		46	222	IAML		9 9	59.03			464	0.4				
SRN		58	275	S		9 9	58.40	-.100							
SRN		58	275	P		9 9	50.430	.000							
NEST		71	0	P		9 9	53.760	.000							
NEST		71	26	S		910	1.52	-.200							
NEST		71	26	IAML		910	7.07			286	0.7				
KEK		77	260	P		9 9	50.71	-2.60							
KEK		77	260	S		910	2.80	-.700							
LKD2		117	181	S		910	15.770	.400							
LKD2		117	181	P		9 9	59.85	-.200							
LKD2		117	181	IAML		910	21.18			143	0.3				
THL		119	104	S		910	16.140	.200							
THL		119	104	P		910	0.420	.000							

November 29 2020 Hour: 9:22 54.6 Lat: 42.10N Lon: 20.37E 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
BCI		39	320	S		923	7.070	.500							
BCI		39	320	P		923	1.460	.000							
BCI		39	320	IAML		923	11.62			429	0.7				
PUK		40	261	S		923	7.120	.100							
PUK		40	261	P		923	1.67-	.000							
PUK		40	261	IAML		923	11.28			71	0.3				
PHP		47	172	S		923	8.820	.000							
PHP		47	172	P		923	2.720	.000							
PHP		47	172	IAML		923	13.65			71	0.3				
SDA		72	266	S		923	17.050	.000							
SDA		72	266	IAML		923	20.09			36	0.2				

November 30 2020 Hour: 7:15 57.2 Lat: 41.47N Lon: 19.67E D: 10.5 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
TIR		21	0	P		716	2.010	.000							
TIR		21	129	S		716	4.530	.000							
TIR		21	129	IAML		716	5.13			1321	0.2				
SDA		66	348	S		716	17.74-	.100							
SDA		66	348	P		716	9.000	.000							
SDA		66	348	IAML		716	21.92			143	0.5				
PUK		67	16	S		716	17.59-	.100							
PUK		67	16	P		716	8.71-	.200							
PUK		67	16	IAML		716	22.55			250	0.3				
PHP		69	69	S		716	18.06-	.100							
PHP		69	69	P		716	9.170	.000							
BERA		88	164	S		716	24.300	.000							
BERA		88	164	P		716	12.700	.000							
BERA		88	164	IAML		716	27.99			143	0.2				
BCI		105	18	S		716	29.610	.300							
BCI		105	18	P		716	15.580	.000							
BCI		105	18	IAML		716	36.86			107	0.4				
KBN		133	134	S		716	36.820	.100							
SRN		179	170	S		716	50.86-	.100							
SRN		179	170	IAML		717	8.00			71	1.0				

November 30 2020 Hour: 13:45 26.9 Lat: 39.98N Lon: 19.84E D: 29.5 Ag: TIR Regional
Magnitudes: 2.6ML TIR 2.6ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN		18	129	S		1345	37.620	.300							
SRN		18	129	P		1345	32.920	.000							
SRN		18	129	IAML		1345	39.08			1607	0.2				
KEK		30	187	S		1345	39.700	.600							
KEK		30	187	P		1345	33.77-	.100							
VLO		61	332	S		1345	44.98-	.500							
VLO		61	332	P		1345	37.48-	.000							
VLO		61	332	IAML		1345	51.45			929	0.3				
BERA		81	6	S		1345	49.78-	2.30							
BERA		81	6	P		1345	39.31-	2.00							
BERA		81	6	IAML		1345	51.63			286	0.5				
KBN		108	48	P		1345	45.140	.200							
KBN		108	48	S		1345	58.38-	.100							
KBN		108	48	IAML		1345	59.64			71	0.4				
NEST		113	64	P		1345	45.79-	.600							
TIR		151	0	P		1345	52.550	.300							
PHP		196	14	P		1345	58.490	.400							
PUK		229	1	P		1346	2.56-	.100							

November 30 2020 Hour: 14:42 37.0 Lat: 40.02N Lon: 19.63E D: 23.5 Ag: TIR Regional
 Magnitudes: 2.4ML TIR 2.4ML TIR Rms: 0.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN		36	116	S		1442	49.62	-.100							
SRN		36	116	P		1442	44.300	.000							
SRN		36	116	IAML		1442	50.94			1107	0.3				
KEK		37	157	S		1442	50.260	.700							
KEK		37	157	P		1442	44.18	-.000							
VLO		51	347	S		1442	52.240	.000							
VLO		51	347	IAML		1442	59.41			643	0.3				
BERA		80	19	S		1443	0.01	-1.70							
BERA		80	19	P		1442	49.75	-1.40							
BERA		80	19	IAML		1443	2.58			143	0.5				
KBN		119	55	S		1443	11.41	-.100							
PHP		197	19	S		1443	33.290	.400							
PHP		197	19	P		1443	8.92	-.000							
PHP		197	19	IAML		1443	38.59			36	0.6				

November 30 2020 Hour: 17:56 55.7 Lat: 41.72N Lon: 20.25E D: 13.3 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
PHP		16	103	Sg		1757	1.330	.000							
PHP		16	103	Pg	C	1756	58.910	.000							
PHP		16	103	IAML		1757	1.57			1143	0.4				
PUK		47	321	Sg		1757	9.84	-.500							
PUK		47	321	Pg	D	1757	3.90	-.100							
PUK		47	321	IAML		1757	12.64			179	0.2				
SDA		72	301	Sg		1757	18.320	.000							
SDA		72	301	Pg	D	1757	8.680	.100							
SDA		72	301	IAML		1757	23.71			179	0.3				
BCI		73	349	Sg		1757	18.360	.000							
BCI		73	349	Pg		1757	7.32	-1.30							
BCI		73	349	IAML		1757	21.95			71	0.4				