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# Monthly Bulletin of Seismology

from the

## Albanian Seismic Network (ASN)

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## GENERAL BULLETIN INFORMATION

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

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

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

Magnitudes are calculated from amplitudes.

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

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

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

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

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

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

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

#### STATIONS USED

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

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

#### REGIONAL STATIONS

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

#### MACROSEISMIC DATA

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

## Abbreviations:

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

LAT: Latitude of epicenter

LON: Longitude of epicenter

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

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

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

RMS: Root mean square value of travel time residuals

STAT: Station code

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

DIST: Epicenter distance (km)

AZI: Azimuth from source to station

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

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

HR: Hour

MN: Minute

SECON: Seconds

TRES: Residual (seconds)

CODA: Signal duration in seconds

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

PERI: Period where amplitude is measured

BAZ: Back azimuth (station to event)

ARES: Back azimuth residual

VELO: Apparent phase velocity (km/sec)

WT: Weight of phase in the location

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

## References:

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

**March 1 2023 Hour: 2:55 8.5 Lat: 41.01N Lon: 19.79E D: 24.2 Ag: TIR Local**  
**Magnitudes: 2.6ML TIR 3.1MW TIR Rms: 0.5 secs**  
**4 km SE of Peqin**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BPA2	HZ	34	204	EP		0255	6.153	0.44							1.0
BPA2	HE	34	204	ES		0255	2.097	0.53							1.0
BERA	HZ	37	158	EP		0255	5.828	-0.27							1.0
BERA	HN	37	158	ES		0255	1.677	-0.59							1.0
BERA	HZ	37	158	IAML		0255	1.760			588	0.3				1.0
TIR	HZ	38	10	EP		0255	6.650	0.43							1.0
TIR	HE	38	10	ES		0255	3.238	0.77							1.0
TIR	HZ	38	10	IAML		0255	6.862			111	0.3				1.0
VLO	HZ	65	202	EP		0255	1.747	1.36							0.2
VLO	HN	65	202	ES		0255	9.433	-0.58							1.0
VLO	HZ	65	202	IAML		0255	5.913			190	0.4				1.0
TPE	HZ	82	166	EP		0255	3.189	0.14							1.0
TPE	HE	82	166	ES		0255	4.678	-0.16							1.0
TPE	HZ	82	166	IAML		0255	8.048			105	0.5				1.0
PHP	HZ	93	36	EP		0255	4.206	-0.53							1.0
PHP	HN	93	36	ES		0255	7.436	-0.47							1.0
PHP	HZ	93	36	IAML		0255	4.525			77	0.5				1.0
KBN	HZ	95	117	EP		0255	4.827	-0.28							1.0
KBN	HN	95	117	ES		0255	7.831	-0.74							1.0
KBN	HZ	95	117	IAML		0255	1.813			32	0.5				1.0
PUK	HZ	115	4	EP		0255	8.721	0.47							1.0
PUK	HE	115	4	ES		0255	4.551	0.30							1.0
PUK	HZ	115	4	IAML		0255	9.053			120	0.3				1.0
SDA	HZ	118	348	ES		0255	4.639	-0.31							1.0
SDA	HZ	118	348	IAML		0255	8.082			13	0.4				1.0
LSK	HZ	118	144	EP		0255	8.994	0.23							1.0
LSK	HE	118	144	ES		0255	5.544	0.37							1.0
LSK	HZ	118	144	IAML		0255	6.242			67	0.5				1.0
SDA	HZ	118	348	EP		0255	7.712	-0.92							1.0
NEST	HZ	126	121	EP		0255	9.771	-0.21							1.0
NEST	HE	126	121	ES		0255	7.828	0.44							1.0
NEST	HZ	126	121	IAML		0255	6.071			38	0.4				1.0
SRN	HZ	127	172	EP		0255	0.827	0.71							1.0
SRN	HN	127	172	ES		0255	6.889	-0.74							1.0
SRN	HZ	127	172	IAML		0255	3.041			46	0.7				1.0
KEK	HZ	144	180	EP		0255	3.377	0.52							1.0
KEK	HZ	144	180	IAML		0255	4.671			73	0.5				1.0
BCI	HZ	152	9	EP		0255	3.163	-0.74							1.0
BCI	HN	152	9	ES		0255	4.741	0.26							1.0
BCI	HZ	152	9	IAML		0256	1.505			114	0.7				1.0
SCTE	HZ	153	227	EP		0255	3.713	-0.23							1.0
PDG	HZ	163	345	EP		0255	6.128	0.86							0.9
PDG	HZ	163	345	IAML	A	0255	9.773			44	0.6				0.9
IGT	HZ	171	164	EP		0255	7.019	0.76							0.9
IGT	HE	171	164	ES		0255	9.393	0.64							0.9
IGT	HZ	171	164	IAML		0256	4.199			27	0.6				0.9
KZN	HZ	185	114	EP		0255	8.020	-0.17							0.9
NOCI	HZ	231	265	EP		0255	3.375	-0.58							0.9
LKD2	HZ	258	163	EP		0255	7.346	-0.10							0.9
MRVN	HZ	302	272	EP		0255	2.633	-0.48							0.8
PLG	HZ	317	102	EP		0255	5.447	0.38							0.8
SGRT	HZ	348	285	EP		0255	7.853	-1.21							0.4

**March 1 2023 Hour: 7:18 57.2 Lat: 40.47N Lon: 20.99E D: 5.9 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 2.7MW TIR Rms: 0.5 secs**  
**17 km S of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	8	139	EP		0718	9.490	0.42							1.0
NEST	HN	8	139	ES		0719	0.692	0.08							1.0
NEST	HZ	8	139	IAML		0719	1.280		12163	0.1					
KBN	HZ	24	316	EP		0719	1.749	0.13							1.0
KBN	HN	24	316	ES		0719	5.372	0.15							1.0
KBN	HZ	24	316	IAML		0719	6.665		321	0.1					
LSK	HZ	48	223	EP		0719	4.871	-1.03							1.0
LSK	HE	48	223	ES		0719	3.020	0.04							1.0
LSK	HZ	48	223	IAML		0719	8.946		186	0.5					
KZN	HZ	69	105	EP		0719	9.417	-0.13							1.0
KZN	HN	69	105	ES		0719	0.462	0.88							1.0
BERA	HZ	92	287	EP		0719	1.967	-1.49							1.0
BERA	HN	92	287	ES		0719	6.671	0.02							1.0
BERA	HZ	92	287	IAML		0719	7.004		40	0.2					
SRN	HZ	106	232	EP		0719	5.547	-0.39							1.0
SRN	HE	106	232	ES		0719	1.924	0.78							1.0
SRN	HZ	106	232	IAML		0719	7.266		14	0.1					
IGT	HZ	118	208	EP		0719	7.963	0.07							1.0
IGT	HN	118	208	ES		0719	5.069	0.38							1.0
IGT	HZ	118	208	IAML		0719	2.538		22	0.6					
KEK	HZ	132	231	EP		0719	0.299	0.16							1.0
KEK	HN	132	231	ES		0719	9.112	0.36							1.0
KEK	HZ	132	231	IAML		0719	2.331		32	0.7					
THL	HZ	133	139	EP		0719	9.703	-0.73							1.0
THL	HN	133	139	ES		0719	8.843	-0.44							1.0
LKD2	HZ	189	189	EP		0719	9.699	0.42							0.9
LKD2	HN	189	189	ES		0719	5.194	-0.10							0.9
PUK	HZ	197	333	EP		0719	0.932	0.50							0.9
PUK	HE	197	333	ES		0719	7.464	0.09							0.9
PUK	HZ	197	333	IAML		0720	4.504		7	0.5					
PLG	HZ	209	92	EP		0719	1.147	-0.73							0.9
BCI	HZ	224	340	EP		0719	4.288	0.45							0.9
BCI	HE	224	340	ES		0720	3.819	0.27							0.9
BCI	HZ	224	340	IAML		0720	9.557		13	0.7					

**March 1 2023 Hour: 16:47 49.4 Lat: 40.38N Lon: 21.29E D: 19.6 Ag: TIR Local**  
**Magnitudes: 2.6ML TIR 3.1MW TIR Rms: 0.5 secs**  
**37 km SE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	21	281	EP		1647	4.752	0.25							1.0
NEST	HE	21	281	ES		1647	8.330	-0.27							1.0
NEST	HZ	21	281	IAML		1647	8.884		1149	0.2					
KZN	HZ	42	101	EP		1647	8.169	0.66							1.0
KZN	HN	42	101	ES		1648	3.930	-0.12							1.0
KBN	HZ	50	303	EP		1647	9.142	0.31							1.0
KBN	HE	50	303	ES		1648	6.805	0.37							1.0
KBN	HZ	50	303	IAML		1648	7.121		152	0.2					
LSK	HZ	64	247	EP		1648	0.223	-0.80							1.0
LSK	HE	64	247	ES		1648	9.897	-0.51							1.0
LSK	HZ	64	247	IAML		1648	1.200		159	0.3					
TPE	HZ	108	265	EP		1648	8.292	-0.03							1.0
TPE	HN	108	265	ES		1648	4.019	0.41							1.0
TPE	HZ	108	265	IAML		1648	3.504		53	0.5					
THL	HZ	110	145	EP		1648	7.659	-0.85							1.0
THL	HN	110	145	ES		1648	3.769	-0.19							1.0
BERA	HZ	119	288	EP		1648	9.735	-0.26							1.0
BERA	HN	119	288	ES		1648	6.740	0.10							1.0
BERA	HZ	119	288	IAML		1648	1.365		90	1.1					
SRN	HZ	123	244	EP		1648	0.439	-0.18							1.0

SRN	HE	123	244	ES	1648	7.862	0.09											1.0
SRN	HZ	123	244	IAML	1648	2.059		41	0.5									
IGT	HZ	124	221	EP	1648	0.661	-0.23											1.0
IGT	HN	124	221	ES	1648	8.614	0.34											1.0
IGT	HZ	124	221	IAML	1648	4.356		76	0.6									
THE	HZ	145	78	EP	1648	4.139	0.04											1.0
KEK	HZ	147	240	EP	1648	5.081	0.64											1.0
KEK	HE	147	240	ES	1648	4.234	-0.45											1.0
KEK	HZ	147	240	IAML	1648	6.829		72	1.1									
VLO	HZ	152	274	EP	1648	5.332	0.07											1.0
PHP	HN	161	334	ES	1648	7.468	-1.03											0.9
TIR	HZ	161	312	EP	1648	6.669	0.24											0.9
TIR	HN	161	312	ES	1648	8.471	0.18											0.9
TIR	HZ	161	312	IAML	1648	5.716		14	0.4									
PHP	HZ	161	334	EP	1648	6.589	0.05											0.9
PHP	HZ	161	334	IAML	1648	9.761		36	0.3									
PLG	HZ	183	90	EP	1648	9.510	0.20											0.9
LKD2	HZ	185	197	EP	1648	0.631	1.14											0.9
LACI	HZ	192	317	EP	1648	1.012	0.61											0.9
LACI	HN	192	317	ES	1648	5.680	0.20											0.9
LACI	HZ	192	317	IAML	1648	6.295		25	0.8									
PUK	HZ	219	328	EP	1648	4.166	0.27											0.9
PUK	HN	219	328	ES	1648	2.303	0.49											0.9
PUK	HZ	219	328	IAML	1648	5.478		12	0.5									
SDA	HZ	239	322	EP	1648	6.455	0.12											0.9
SDA	HE	239	322	ES	1648	5.069	-1.16											0.9
BCI	HZ	243	336	EP	1648	7.359	0.37											0.9
VLS	HZ	252	194	EP	1648	7.998	-0.08											0.9
BOSS	SZ	255	22	EP	1648	8.124	-0.41											0.9
BARS	BZ	274	9	EP	1648	0.678	-0.28											0.8
PDG	HZ	284	324	EP	1648	1.829	-0.32											0.8

March 2 2023 Hour: 6:25 55.2 Lat: 38.76N Lon: 20.55E D: 10.0F Ag: TIR Local  
Magnitudes: 2.3ML TIR Rms: 0.8 secs  
104 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	10	70	EP		0625	6.988	0.05							1.0
LKD2	HN	10	70	ES		0625	8.382	0.01							1.0
VLS	HZ	65	177	EP		0626	5.730	-1.00							1.0
VLS	HN	65	177	ES		0626	5.467	-0.61							1.0
IGT	HZ	88	348	EP		0626	0.364	-0.52							1.0
IGT	HN	88	348	ES		0626	2.977	-0.63							1.0
IGT	HZ	88	348	IAML		0626	7.266		44	0.3					
KEK	HZ	124	329	EP		0626	7.082	-0.24							1.0
KEK	HN	124	329	ES		0626	5.604	0.35							1.0
KEK	HZ	124	329	IAML		0626	1.426		34	0.3					
SRN	HZ	133	339	EP		0626	9.444	0.65							1.0
SRN	HN	133	339	ES		0626	8.178	0.25							1.0
SRN	HZ	133	339	IAML		0626	6.621		12	0.7					
LSK	HZ	154	2	EP		0626	2.502	0.10							1.0
LSK	HN	154	2	ES		0626	5.029	0.58							1.0
LSK	HZ	154	2	IAML		0626	2.708		28	0.9					
THL	HZ	155	54	EP		0626	3.000	0.58							1.0
THL	HN	155	54	ES		0626	3.458	-1.03							1.0
TPE	HZ	177	345	EP		0626	5.774	-0.27							0.9
TPE	HN	177	345	ES		0626	0.575	-0.47							0.9
TPE	HZ	177	345	IAML		0626	8.271		23	0.7					
NEST	HZ	189	13	EP		0626	8.376	0.27							0.9
NEST	HN	189	13	ES		0626	4.665	-0.12							0.9
NEST	HZ	189	13	IAML		0627	0.775		11	0.4					
ITM	HZ	213	145	EP		0626	3.652	2.52							0.9

March 2 2023 Hour: 10:54 29.9 Lat: 38.73N Lon: 20.60E D: 5.8 Ag: TIR Local  
 Magnitudes: 2.8ML TIR Rms: 0.3 secs  
 108 km S of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	8	39	EP		1054	1.891	0.22							1.0
LKD2	HN	8	39	ES		1054	3.251	0.13							1.0
VLS	HZ	62	181	EP		1054	0.795	-0.19							1.0
VLS	HE	62	181	ES		1054	9.780	-0.19							1.0
IGT	HZ	92	345	EP		1054	5.932	-0.28							1.0
IGT	HN	92	345	ES		1054	9.265	-0.17							1.0
IGT	HZ	92	345	IAML		1055	3.301			127	0.6				
KEK	HZ	129	328	EP		1054	2.524	0.11							1.0
KEK	HE	129	328	ES		1055	0.597	-0.07							1.0
KEK	HZ	129	328	IAML		1055	7.902			79	0.5				
SRN	HZ	137	338	EP		1054	4.036	0.22							1.0
SRN	HN	137	338	ES		1055	2.881	-0.32							1.0
SRN	HZ	137	338	IAML		1055	0.025			26	0.4				
THL	HZ	153	53	EP		1054	6.017	-0.43							1.0
THL	HN	153	53	ES		1055	7.570	-0.40							1.0
LSK	HZ	157	360	EP		1054	7.612	0.43							1.0
LSK	HE	157	360	ES		1055	9.327	0.03							1.0
LSK	HZ	157	360	IAML		1055	2.155			53	0.6				
NEST	HZ	191	12	EP		1055	3.189	0.86							0.9
NEST	HN	191	12	ES		1055	8.566	-0.03							0.9
NEST	HZ	191	12	IAML		1055	7.600			16	0.7				
ITM	HZ	208	146	EP		1055	4.355	-0.16							0.9
ITM	HN	208	146	ES		1055	2.958	0.39							0.9

March 2 2023 Hour: 21:11 6.5 Lat: 41.36N Lon: 19.59E D: 15.6 Ag: TIR Local  
 Magnitudes: 2.0ML TIR 2.4MW TIR Rms: 0.6 secs  
 0 km N of Shijak

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	23	93	EP		2111	1.614	0.21							1.0
TIR	HN	23	93	ES		2111	5.438	0.07							1.0
TIR	HZ	23	93	IAML		2111	6.259			34	0.2				
LACI	HZ	33	19	EP		2111	2.474	-0.35							1.0
LACI	HN	33	19	ES		2111	7.744	-0.21							1.0
LACI	HZ	33	19	IAML		2111	8.719			164	0.2				
SDA	HZ	77	355	EP		2111	9.600	-0.49							1.0
SDA	HN	77	355	ES		2111	1.587	0.48							1.0
SDA	HZ	77	355	IAML		2111	5.152			2	0.1				
BERA	HZ	79	157	EP		2111	0.631	0.23							1.0
BERA	HN	79	157	ES		2111	2.960	1.30							1.0
BERA	HZ	79	157	IAML		2111	4.981			26	0.3				
PHP	HZ	80	63	EP		2111	9.760	-0.82							1.0
PHP	HN	80	63	ES		2111	1.675	-0.31							1.0
PHP	HZ	80	63	IAML		2111	3.904			11	0.1				
PUK	HZ	80	18	EP		2111	9.885	-0.75							1.0
PUK	HN	80	18	ES		2111	2.311	0.22							1.0
PUK	HZ	80	18	IAML		2111	5.310			9	0.2				
BCI	HZ	119	19	EP		2111	7.326	0.27							1.0
BCI	HE	119	19	ES		2111	3.831	0.13							1.0
BCI	HZ	119	19	IAML		2111	9.645			16	0.4				
PDG	HZ	122	347	EP		2111	7.636	0.08							1.0
PDG	HN	122	347	ES		2111	4.960	0.34							1.0
PDG	HZ	122	347	IAML		2111	6.936			13	0.4				
TPE	HZ	124	163	EP		2111	8.351	0.52							1.0
TPE	HE	124	163	ES		2111	3.059	-2.05							1.0
TPE	HZ	124	163	IAML		2111	7.478			15	0.8				
LSK	HZ	159	147	EP		2111	4.022	0.36							0.9
LSK	HE	159	147	ES		2111	5.814	0.14							0.9
LSK	HZ	159	147	IAML		2112	7.265			12	1.7				
NEST	HZ	162	130	EP		2111	5.068	0.98							0.9



NEST	HN	162	130	ES	2111	6.274	-0.16										0.9
NEST	HZ	162	130	IAML	2112	0.310				8	1.1						
SRN	HZ	168	168	EP	2111	4.791	0.03										0.9
SRN	HN	168	168	ES	2111	7.319	-0.34										0.9
SRN	HZ	168	168	IAML	2112	2.321				6	0.3						
SCTE	HZ	171	214	EP	2111	5.477	0.24										0.9
SCTE	HN	171	214	ES	2111	7.749	-0.76										0.9
KEK	HZ	184	174	EP	2111	7.391	0.58										0.9
KEK	HN	184	174	ES	2112	1.385	0.01										0.9
KEK	HZ	184	174	IAML	2112	0.474				12	0.9						
IGT	HZ	212	162	EP	2111	0.429	-0.08										0.9
IGT	HN	212	162	ES	2112	8.313	0.26										0.9

**March 3 2023 Hour: 10:50 58.5 Lat: 41.14N Lon: 19.79E D: 21.5 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 3.0MW TIR Rms: 0.4 secs**  
**10 km N of Peqin**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	24	16	EP		1051	4.225	0.12							1.0
TIR	HE	24	16	ES		1051	8.637	0.03							1.0
TIR	HZ	24	16	IAML		1051	0.968			207	0.2				
BPA2	HZ	48	197	EP		1051	7.507	-0.07							1.0
BPA2	HN	48	197	ES		1051	5.372	0.47							1.0
BERA	HZ	51	164	EP		1051	7.745	-0.28							1.0
BERA	HE	51	164	ES		1051	5.472	-0.24							1.0
BERA	HZ	51	164	IAML		1051	9.330			147	0.2				
LACI	HZ	55	354	EP		1051	8.282	-0.47							1.0
LACI	HN	55	354	ES		1051	6.407	-0.62							1.0
LACI	HZ	55	354	IAML		1051	6.713			99	0.4				
PHP	HZ	81	42	EP		1051	1.984	-1.05							0.5
PHP	HE	81	42	ES		1051	4.895	0.12							1.0
PHP	HZ	81	42	IAML		1051	9.443			53	0.4				
TPE	HZ	96	168	EP		1051	6.167	0.76							1.0
TPE	HE	96	168	ES		1051	9.336	0.27							1.0
TPE	HZ	96	168	IAML		1051	7.671			62	0.2				
PUK	HZ	100	5	EP		1051	6.177	0.02							1.0
PUK	HN	100	5	ES		1051	0.926	0.51							1.0
PUK	HZ	100	5	IAML		1051	5.241			36	0.3				
KBN	HZ	102	124	EP		1051	6.009	-0.40							1.0
KBN	HE	102	124	ES		1051	0.323	-0.56							1.0
KBN	HZ	102	124	IAML		1051	7.423			27	0.3				
SDA	HZ	104	347	EP		1051	6.635	0.05							1.0
SDA	HN	104	347	ES		1051	1.094	-0.11							1.0
SDA	HZ	104	347	IAML		1051	4.531			5	0.1				
LSK	HZ	130	148	EP		1051	0.409	-0.37							1.0
LSK	HE	130	148	ES		1051	9.342	0.54							1.0
LSK	HZ	130	148	IAML		1051	6.434			43	0.6				
NEST	HZ	134	127	EP		1051	1.133	-0.27							1.0
NEST	HN	134	127	ES		1051	0.660	0.74							1.0
NEST	HZ	134	127	IAML		1051	6.661			40	0.4				
BCI	HZ	138	10	EP		1051	2.279	0.24							1.0
BCI	HN	138	10	ES		1051	1.853	0.78							1.0
BCI	HZ	138	10	IAML		1051	5.977			51	0.7				
SRN	HZ	141	173	EP		1051	3.044	0.53							1.0
SRN	HE	141	173	ES		1051	1.595	-0.33							1.0
SRN	HZ	141	173	IAML		1051	3.112			24	0.4				
PDG	HZ	150	343	EP		1051	4.070	0.25							1.0
PDG	HE	150	343	ES		1051	4.103	-0.19							1.0
KEK	HZ	159	180	EP		1051	4.786	-0.24							0.9
KEK	HN	159	180	ES		1051	6.161	-0.32							0.9
KEK	HZ	159	180	IAML		1051	7.811			39	0.4				
SCTE	HZ	163	224	EP		1051	5.260	-0.31							0.9
SCTE	HN	163	224	ES		1051	7.550	0.09							0.9
IGT	HZ	185	165	EP		1051	8.973	0.61							0.9
IGT	HE	185	165	ES		1051	2.454	-0.06							0.9

IGT	HZ	185	165	IAML	1051	6.369			18	0.3					
KZN	HZ	192	118	EP	1051	8.884-0.44									0.9
KZN	HN	192	118	ES	1051	4.058-0.21									0.9
THL	HZ	258	132	EP	1051	8.105	0.38								0.9
BOSS	SZ	268	55	EP	1051	9.025-0.14									0.9
LKD2	HZ	272	164	EP	1051	8.769-0.77									0.9

**March 3 2023 Hour: 18:28 46.8 Lat: 40.45N Lon: 20.95E D: 9.7 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR 2.7MW TIR Rms: 0.4 secs**  
**20 km S of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	9	116	EP		1828	9.520	0.22							1.0
NEST	HE	9	116	ES		1828	1.133-0.18								1.0
NEST	HZ	9	116	IAML		1828	1.309			8284	0.1				
KBN	HZ	24	324	EP		1828	1.629	0.14							1.0
KBN	HN	24	324	ES		1828	5.078-0.20								1.0
KBN	HZ	24	324	IAML		1828	6.605			208	0.2				
LSK	HZ	45	222	EP		1828	4.850-0.21								1.0
LSK	HN	45	222	ES		1829	1.549-0.19								1.0
LSK	HZ	45	222	IAML		1829	6.210			86	0.4				
KZN	HZ	71	103	EP		1828	9.508-0.01								1.0
KZN	HN	71	103	ES		1829	9.894	0.08							1.0
TPE	HZ	82	258	EP		1829	0.882-0.34								1.0
TPE	HE	82	258	ES		1829	2.270-0.61								1.0
TPE	HZ	82	258	IAML		1829	9.163			29	0.5				
BERA	HZ	90	289	EP		1829	2.002-0.55								1.0
BERA	HE	90	289	ES		1829	5.478	0.18							1.0
BERA	HZ	90	289	IAML		1829	7.140			34	0.3				
SRN	HZ	103	232	EP		1829	5.015	0.25							1.0
SRN	HE	103	232	ES		1829	9.688	0.38							1.0
SRN	HZ	103	232	IAML		1829	8.825			15	0.6				
IGT	HZ	115	208	EP		1829	7.264	0.50							1.0
IGT	HE	115	208	ES		1829	3.216	0.29							1.0
IGT	HZ	115	208	IAML		1829	2.666			16	0.6				
KEK	HZ	128	231	EP		1829	9.486	0.52							1.0
KEK	HE	128	231	ES		1829	6.618-0.30								1.0
KEK	HZ	128	231	IAML		1829	3.507			22	0.5				
THL	HZ	134	137	EP		1829	9.867-0.01								1.0
THL	HE	134	137	ES		1829	8.285-0.26								1.0
PHP	HZ	144	343	EP		1829	1.955	0.33							1.0
PHP	HZ	144	343	IAML		1829	7.070			20	0.6				
LACI	HZ	168	322	EP		1829	5.635	0.03							0.9
LACI	HE	168	322	ES		1829	9.487	0.57							0.9
LACI	HZ	168	322	IAML		1829	6.412			15	0.6				
PUK	HZ	198	334	EP		1829	0.278	0.56							0.9
PUK	HE	198	334	ES		1829	5.661-0.71								0.9
PUK	HZ	198	334	IAML		1829	3.194			6	0.6				
PLG	HZ	212	91	EP		1829	0.951-0.45								0.9

**March 4 2023 Hour: 0:56 23.1 Lat: 40.13N Lon: 19.88E D: 4.9 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 2.9MW TIR Rms: 0.7 secs**  
**12 km E of Himare**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TPE	HZ	21	34	EP		0056	6.730-0.24								1.0
TPE	HE	21	34	ES		0056	0.271	0.13							1.0
TPE	HZ	21	34	IAML		0056	1.317			446	0.2				
SRN	HZ	30	160	EP		0056	8.459-0.07								1.0
SRN	HE	30	160	ES		0056	3.251	0.28							1.0
SRN	HZ	30	160	IAML		0056	6.454			236	0.3				
KEK	HZ	47	188	EP		0056	1.556-0.01								1.0
KEK	HN	47	188	ES		0056	8.824	0.37							1.0
KEK	HZ	47	188	IAML		0056	0.282			322	0.6				
VLO	HZ	49	319	EP		0056	1.781-0.11								1.0
VLO	HN	49	319	ES		0056	9.945	0.90							1.0

VLO	HZ	49	319	IAML	0056	4.899			456	0.5				
LSK	HZ	62	88	EP	0056	3.582-0.52								1.0
LSK	HN	62	88	ES	0056	3.041-0.00								1.0
LSK	HZ	62	88	IAML	0056	5.856			99	0.5				
BERA	HZ	63	6	EP	0056	3.808-0.59								1.0
BERA	HN	63	6	ES	0056	3.379-0.21								1.0
BERA	HZ	63	6	IAML	0056	5.462			225	0.5				
BPA2	HZ	70	342	EP	0056	5.328-0.19								1.0
IGT	HZ	78	150	EP	0056	6.735-0.19								1.0
IGT	HN	78	150	ES	0056	8.155 0.00								1.0
IGT	HZ	78	150	IAML	0056	4.921			52	1.2				
KBN	HZ	94	55	EP	0056	0.622 0.68								1.0
KBN	HN	94	55	ES	0056	4.549 0.93								1.0
KBN	HZ	94	55	IAML	0057	0.344			31	0.8				
NEST	HZ	104	72	EP	0056	1.867 0.25								1.0
NEST	HN	104	72	ES	0056	6.418-0.24								1.0
NEST	HZ	104	72	IAML	0056	9.502			30	0.8				
TIR	HZ	135	360	EP	0056	6.813 0.21								1.0
TIR	HN	135	360	ES	0057	6.243 0.57								1.0
TIR	HZ	135	360	IAML	0057	2.494			18	0.6				
KZN	HZ	162	83	EP	0056	1.651 0.38								0.9
LKD2	HZ	164	156	EP	0056	1.651 0.15								0.9
LACI	HZ	167	355	EP	0056	1.184-0.85								0.9
LACI	HN	167	355	ES	0057	6.139 0.63								0.9
PHP	HZ	179	15	EP	0056	3.147-0.80								0.9
PHP	HZ	179	15	IAML	0057	3.183			29	2.0				
THL	HZ	194	108	EP	0056	5.710-0.16								0.9
PUK	HZ	212	0	EP	0056	6.981-1.33								0.9
PUK	HZ	212	0	IAML	0057	8.579			7	0.4				
SDA	HZ	215	352	EP	0056	7.212-1.40								0.9
BCI	HZ	248	4	EP	0057	2.065-0.88								0.9
BCI	HZ	248	4	IAML	0057	4.818			12	0.5				
PDG	HZ	260	349	EP	0057	6.456 2.08								0.9

March 4 2023 Hour: 12:39 47.7 Lat: 41.28N Lon: 20.40E D: 10.0F Ag: TIR Local  
Magnitudes: 2.2ML TIR 2.8MW TIR Rms: 0.5 secs

12 km NE of Librazhd

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	45	280	EP		1239	5.540-0.21								1.0
TIR	HN	45	280	ES		1240	2.661 0.36								1.0
TIR	HZ	45	280	IAML		1240	6.098			76	0.5				
PHP	HZ	46	5	EP		1239	5.253-0.57								1.0
PHP	HN	46	5	ES		1240	2.999 0.57								1.0
PHP	HZ	46	5	IAML		1240	3.763			97	0.3				
LACI	HZ	70	306	EP		1239	9.546-0.54								1.0
LACI	HN	70	306	ES		1240	0.208 0.07								1.0
LACI	HZ	70	306	IAML		1240	2.562			50	0.4				
BERA	HZ	74	211	EP		1240	0.570-0.29								1.0
BERA	HZ	74	211	IAML		1240	5.342			37	0.4				
PUK	HZ	95	334	EP		1240	3.938-0.71								1.0
PUK	HN	95	334	ES		1240	8.336-0.06								1.0
PUK	HZ	95	334	IAML		1240	2.510			26	0.5				
NEST	HZ	110	150	EP		1240	7.311-0.03								1.0
NEST	HN	110	150	ES		1240	2.806-0.48								1.0
NEST	HZ	110	150	IAML		1240	4.810			34	0.3				
TPE	HZ	113	197	EP		1240	8.419 0.49								1.0
TPE	HZ	113	197	IAML		1240	6.033			21	1.2				
SDA	HZ	114	319	EP		1240	7.349-0.67								1.0
SDA	HN	114	319	ES		1240	4.287-0.22								1.0
BCI	HZ	124	347	EP		1240	0.591 0.76								1.0
BCI	HN	124	347	ES		1240	8.599 0.82								1.0
BCI	HZ	124	347	IAML		1240	4.644			27	0.9				
LSK	HZ	126	172	EP		1240	0.029-0.12								1.0
LSK	HZ	126	172	IAML		1240	8.110			31	0.8				

SRN	HZ	158	192	EP		1240	6.173	0.68									0.9
SRN	HN	158	192	ES		1240	8.439	0.41									0.9
SRN	HZ	158	192	IAML		1240	3.728			7	0.8						
PDG	HZ	159	324	EP		1240	5.745	0.13									0.9
PDG	HN	159	324	ES		1240	8.014	-0.25									0.9
PDG	HZ	159	324	IAML		1240	0.301			24	0.5						

**March 4 2023 Hour: 14: 8 25.1 Lat: 38.73N Lon: 20.55E D: 10.0F Ag: TIR Local**  
**Magnitudes: 2.8ML TIR Rms: 0.5 secs**  
**108 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	11	53	EP		1408	7.332	0.22							1.0
LKD2	HN	11	53	ES		1408	8.826	0.10							1.0
VLS	HZ	61	177	EP		1408	6.123	0.06							1.0
VLS	HN	61	177	ES		1408	4.669	-0.26							1.0
IGT	HZ	91	348	EP		1408	1.072	-0.33							1.0
IGT	HN	91	348	ES		1408	4.262	-0.34							1.0
IGT	HZ	91	348	IAML		1409	0.434			102	0.7				
KEK	HZ	127	329	EP		1408	7.753	0.01							1.0
KEK	HN	127	329	ES		1409	6.401	0.32							1.0
KEK	HZ	127	329	IAML		1409	3.707			88	0.5				
SRN	HZ	136	340	EP		1408	9.080	-0.18							1.0
SRN	HN	136	340	ES		1409	8.444	-0.37							1.0
SRN	HZ	136	340	IAML		1409	7.208			42	0.8				
THL	HZ	157	53	EP		1408	1.610	-1.03							1.0
THL	HN	157	53	ES		1409	4.807	-0.12							1.0
LSK	HZ	158	1	EP		1408	3.494	0.61							0.9
LSK	HE	158	1	ES	C	1409	6.430	1.05							0.9
LSK	HZ	158	1	IAML		1409	6.465			92	0.8				
TPE	HZ	180	345	EP		1408	6.792	0.27							0.9
TPE	HN	180	345	ES		1409	1.096	-0.87							0.9
TPE	HZ	180	345	IAML		1409	9.936			56	0.7				
NEST	HZ	192	13	EP		1408	8.641	0.20							0.9
NEST	HN	192	13	ES		1409	5.308	-0.14							0.9
NEST	HZ	192	13	IAML		1409	1.323			31	0.9				
ITM	HZ	210	145	EP		1409	1.654	0.96							0.9
ITM	HN	210	145	ES		1409	9.109	-0.40							0.9
BERA	HZ	225	347	EP		1409	2.990	0.40							0.9
BERA	HN	225	347	ES		1409	2.921	-0.03							0.9
BERA	HZ	225	347	IAML		1409	8.165			32	0.8				

**March 5 2023 Hour: 8: 3 11.7 Lat: 41.22N Lon: 21.11E D: 11.0 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR 2.5MW TIR Rms: 0.5 secs**  
**49 km E of Prrenjas**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	72	202	EP		0803	4.741	0.32							1.0
KBN	HN	72	202	ES		0803	4.078	-0.67							1.0
KBN	HZ	72	202	IAML		0803	5.619			26	0.2				
NEST	HZ	90	183	EP		0803	7.324	-0.13							1.0
NEST	HN	90	183	ES		0803	0.197	-0.05							1.0
NEST	HZ	90	183	IAML		0803	5.870			50	0.5				
TIR	HZ	105	278	EP		0803	9.076	-0.78							1.0
TIR	HN	105	278	ES		0803	4.418	-0.17							1.0
TIR	HZ	105	278	IAML		0803	9.099			11	0.7				
BERA	HZ	113	240	EP		0803	1.901	0.64							1.0
BERA	HE	113	240	ES		0803	7.301	0.16							1.0
BERA	HZ	113	240	IAML		0803	6.824			10	0.4				
KZN	HZ	116	151	EP		0803	2.009	0.18							1.0
KZN	HN	116	151	ES		0803	8.098	-0.06							1.0
LACI	HZ	125	292	EP		0803	3.599	0.44							1.0
LACI	HN	125	292	ES		0803	0.932	0.37							1.0
LACI	HZ	125	292	IAML		0803	3.251			13	0.2				
LSK	HZ	127	200	EP		0803	2.670	-0.90							1.0
LSK	HN	127	200	ES		0803	0.895	-0.43							1.0

LSK	HZ	127	200	IAML	0804	4.077			24	0.6					
PUK	HZ	136	312	EP	0803	4.447	-0.63								1.0
PUK	HN	136	312	ES	0803	3.909	-0.12								1.0
PUK	HZ	136	312	IAML	0803	9.974			8	0.6					
TPE	HZ	138	222	EP	0803	5.741	0.29								1.0
TPE	HN	138	222	ES	0803	4.162	-0.55								1.0
TPE	HZ	138	222	IAML	0804	3.042			17	0.7					
BCI	HZ	153	326	EP	0803	8.998	1.04								1.0
BCI	HN	153	326	ES	0803	9.286	0.02								1.0
BCI	HZ	153	326	IAML	0804	2.936			11	0.6					
SDA	HZ	162	305	EP	0803	9.206	-0.19								0.9
SDA	HE	162	305	ES	0804	1.628	-0.23								0.9
SDA	HZ	162	305	IAML	0804	7.752			3	0.5					
SRN	HZ	176	212	EP	0803	2.479	0.99								0.9
SRN	HE	176	212	ES	0804	5.612	-0.04								0.9
SRN	HZ	176	212	IAML	0804	2.641			7	0.6					
BOSS	SZ	181	38	EP	0803	2.463	0.32								0.9
BOSS	SE	181	38	ES	0804	5.518	-1.32								0.9
IGT	HZ	199	200	EP	0803	5.015	0.56								0.9
IGT	HN	199	200	ES	0804	1.091	0.08								0.9
IGT	HZ	199	200	IAML	0804	6.341			8	0.6					
THL	HZ	200	157	EP	0803	4.643	0.12								0.9
THL	HN	200	157	ES	0804	1.454	0.32								0.9
KEK	HZ	201	214	EP	0803	5.021	0.30								0.9
KEK	HN	201	214	ES	0804	1.615	0.12								0.9
KEK	HZ	201	214	IAML	0804	8.136			22	0.7					
NVR	HZ	232	86	EP	0803	8.923	0.27								0.9

**March 5 2023 Hour: 16:31 34.9 Lat: 38.73N Lon: 20.52E D: 3.1 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.6 secs**  
**107 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	62	174	EP		1631	5.961	0.06							1.0
VLS	HN	62	174	ES		1631	4.415	-0.42							1.0
IGT	HZ	91	350	EP		1631	0.431	-0.61							1.0
IGT	HN	91	350	ES		1632	3.903	-0.25							1.0
IGT	HZ	91	350	IAML		1632	7.917			19	0.9				
KEK	HZ	126	331	EP		1631	7.632	0.60							1.0
KEK	HN	126	331	ES		1632	5.081	0.10							1.0
KEK	HZ	126	331	IAML		1632	3.229			19	1.1				
THL	HZ	159	54	EP		1632	3.837	1.25							0.9
THL	HN	159	54	ES		1632	4.598	-0.43							0.9
NEST	HZ	192	14	EP		1632	8.321	0.44							0.9
NEST	HN	192	14	ES		1632	3.970	-0.66							0.9
NEST	HZ	192	14	IAML		1632	1.964			7	1.9				

**March 6 2023 Hour: 6:36 9.2 Lat: 40.19N Lon: 19.66E D: 21.7 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 2.9MW TIR Rms: 0.4 secs**  
**11 km NW of Himare**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TPE	HZ	33	68	EP		0636	5.658	-0.35							1.0
TPE	HE	33	68	ES		0636	1.063	-0.47							1.0
TPE	HZ	33	68	IAML		0636	1.976			331	0.2				
VLO	HZ	34	337	EP		0636	6.742	0.56							1.0
VLO	HN	34	337	ES		0636	1.912	0.07							1.0
VLO	HZ	34	337	IAML		0636	7.918			342	0.3				
SRN	HZ	45	139	EP		0636	7.411	-0.37							1.0
SRN	HN	45	139	ES		0636	4.285	-0.46							1.0
SRN	HZ	45	139	IAML		0636	4.579			140	0.5				
KEK	HZ	54	167	EP		0636	9.198	-0.01							1.0
KEK	HN	54	167	ES		0636	7.434	0.10							1.0
KEK	HZ	54	167	IAML		0636	9.011			105	0.1				
BERA	HZ	63	23	EP		0636	0.385	-0.18							1.0
BERA	HN	63	23	ES		0636	9.702	-0.08							1.0

BERA	HZ	63	23	IAML	0636	1.739		90	0.4				
IGT	HZ	93	141	EP	0636	5.975	0.45						1.0
IGT	HE	93	141	ES	0636	8.538	-0.23						1.0
IGT	HZ	93	141	IAML	0636	1.983		41	0.3				
SCTE	HZ	102	263	EP	0636	7.308	0.33						1.0
SCTE	HE	102	263	ES	0636	1.189	-0.21						1.0
KBN	HZ	108	63	EP	0636	8.318	0.42						1.0
KBN	HN	108	63	ES	0636	3.844	0.78						1.0
NEST	HZ	121	77	EP	0636	0.548	0.50						1.0
NEST	HN	121	77	ES	0636	7.411	0.47						1.0
NEST	HZ	121	77	IAML	0636	8.867		27	0.4				
LACI	HZ	161	2	EP	0636	6.176	0.24						0.9
LACI	HE	161	2	ES	0636	7.688	0.07						0.9
LACI	HZ	161	2	IAML	0637	7.539		21	0.5				
PHP	HZ	179	21	EP	0636	7.980	-0.33						0.9
PHP	HE	179	21	ES	0637	1.184	-0.72						0.9
PHP	HZ	179	21	IAML	0637	2.476		12	0.7				
KZN	HZ	180	85	EP	0636	8.729	0.21						0.9
PUK	HZ	207	5	EP	0636	1.708	-0.23						0.9
PUK	HN	207	5	ES	0637	7.751	-0.72						0.9
PUK	HZ	207	5	IAML	0637	5.074		4	0.2				
THL	HZ	213	108	EP	0636	3.450	0.83						0.9
THL	HN	213	108	ES	0637	8.843	-0.86						0.9
BCI	HZ	245	8	EP	0636	6.684	-0.01						0.9
BCI	HZ	245	8	IAML	0637	7.612		14	0.5				

March 6 2023 Hour: 16:10 57.8 Lat: 40.18N Lon: 19.67E D: 23.0 Ag: TIR Local  
Magnitudes: 2.0ML TIR 2.5MW TIR Rms: 0.6 secs

10 km NW of Himare

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TPE	HZ	32	66	EP		1611	4.101	-0.50							1.0
TPE	HN	32	66	ES		1611	9.200	-0.92							1.0
TPE	HZ	32	66	IAML		1611	9.865		128	0.5					
VLO	HZ	36	335	EP		1611	5.169	0.04							1.0
VLO	HE	36	335	ES		1611	0.872	-0.20							1.0
VLO	HZ	36	335	IAML		1611	3.996		96	0.3					
SRN	HZ	43	140	EP		1611	6.019	-0.19							1.0
SRN	HN	43	140	ES		1611	2.552	-0.47							1.0
SRN	HZ	43	140	IAML		1611	3.015		62	0.4					
KEK	HZ	53	168	EP		1611	7.678	0.01							1.0
KEK	HN	53	168	ES		1611	6.339	0.67							1.0
KEK	HZ	53	168	IAML		1611	0.924		34	0.2					
BERA	HZ	63	22	EP		1611	9.322	0.01							1.0
BERA	HN	63	22	ES		1611	9.559	0.92							1.0
BERA	HZ	63	22	IAML		1611	2.953		24	0.1					
LSK	HZ	79	92	EP		1611	2.488	0.55							1.0
LSK	HE	79	92	ES		1611	3.731	0.33							1.0
LSK	HZ	79	92	IAML		1611	9.548		25	0.5					
IGT	HZ	91	141	EP		1611	3.835	0.04							1.0
IGT	HN	91	141	ES		1611	6.807	0.04							1.0
IGT	HZ	91	141	IAML		1611	3.625		18	0.5					
SCTE	HZ	103	264	EP		1611	5.594	-0.13							1.0
SCTE	HN	103	264	ES		1611	9.682	-0.57							1.0
NEST	HZ	120	77	EP		1611	8.786	0.38							1.0
NEST	HN	120	77	ES		1611	5.145	0.04							1.0
NEST	HZ	120	77	IAML		1611	4.602		8	0.1					
LACI	HZ	162	1	EP		1611	4.855	0.30							0.9
LACI	HN	162	1	ES		1611	5.387	-0.85							0.9
LACI	HZ	162	1	IAML		1611	0.243		15	0.7					
PUK	HZ	208	5	EP		1611	0.932	0.39							0.9
THL	HZ	212	108	EP		1611	1.477	0.60							0.9
THL	HN	212	108	ES		1611	6.431	-1.24							0.9
NOCI	HZ	231	288	EP		1611	4.714	1.24							0.9
NOCI	HN	231	288	ES		1612	2.003	-0.37							0.9

**March 6 2023 Hour: 17:33 32.8 Lat: 40.46N Lon: 20.98E D: 9.3 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 2.7MW TIR Rms: 0.6 secs**  
**18 km S of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	8	127	EP		1733	5.535	0.39							1.0
NEST	HN	8	127	ES		1733	7.169	0.14							1.0
NEST	HZ	8	127	IAML		1733	7.320		10912	0.1					
KBN	HZ	24	319	EP		1733	7.654	0.12							1.0
KBN	HN	24	319	ES		1733	1.387	0.04							1.0
KBN	HZ	24	319	IAML		1733	2.392		325	0.4					
LSK	HZ	47	223	EP		1733	0.718	-0.67							1.0
LSK	HN	47	223	ES		1733	8.391	0.07							1.0
LSK	HZ	47	223	IAML		1733	4.959		189	0.5					
KZN	HZ	70	104	EP		1733	5.492	0.20							1.0
KZN	HN	70	104	ES		1733	6.649	1.25							1.0
TPE	HZ	84	258	EP		1733	6.919	-0.65							1.0
TPE	HN	84	258	ES		1733	9.778	0.27							1.0
BERA	HZ	91	288	EP		1733	7.269	-1.54							1.0
BERA	HN	91	288	ES		1734	1.793	0.03							1.0
BERA	HZ	91	288	IAML		1734	3.190		35	0.2					
SRN	HZ	105	233	EP		1733	0.952	-0.17							1.0
SRN	HN	105	233	ES		1734	6.123	0.18							1.0
SRN	HZ	105	233	IAML		1734	9.059		18						
IGT	HZ	116	208	EP		1733	3.179	0.11							1.0
IGT	HN	116	208	ES		1734	9.607	0.14							1.0
IGT	HZ	116	208	IAML		1734	8.410		17	0.5					
KEK	HZ	130	231	EP		1733	5.816	0.49							1.0
KEK	HN	130	231	ES		1734	3.853	0.30							1.0
KEK	HZ	130	231	IAML		1734	9.217		31	0.3					
THL	HZ	133	138	EP		1733	5.405	-0.41							1.0
THL	HN	133	138	ES		1734	4.226	-0.21							1.0
PHP	HZ	143	342	EP		1733	7.486	-0.11							1.0
PHP	HN	143	342	ES		1734	6.806	-0.85							1.0
PHP	HZ	143	342	IAML		1734	7.055		23	0.5					
LACI	HZ	168	321	EP		1734	1.548	-0.14							0.9
LACI	HE	168	321	ES		1734	5.676	0.61							0.9
LACI	HZ	168	321	IAML		1734	0.607		28	1.0					
PUK	HZ	198	333	EP		1734	6.688	0.92							0.9
PUK	HN	198	333	ES		1734	3.701	1.26							0.9
PUK	HZ	198	333	IAML		1734	1.531		8	0.4					
PLG	HZ	210	92	EP		1734	6.859	-0.37							0.9
PLG	HE	210	92	ES		1734	3.600	-1.49							0.9
SDA	HZ	216	326	EP		1734	8.092	0.16							0.9
SDA	HN	216	326	ES		1734	6.350	-0.02							0.9

**March 8 2023 Hour: 15:55 27.8 Lat: 41.56N Lon: 19.35E D: 20.1 Ag: TIR Local**  
**Magnitudes: 3.2ML TIR 3.6MW TIR Rms: 0.5 secs**  
**27 km N of Durres**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LACI	HZ	32	74	EP		1555	4.197	-0.23							1.0
LACI	HZ	32	74	IAML		1555	3.023		628	0.7					
TIR	HZ	49	118	EP		1555	6.929	-0.09							1.0
TIR	HN	49	118	ES		1555	4.155	-0.30							1.0
TIR	HZ	49	118	IAML		1555	7.381		283	0.6					
SDA	HZ	56	13	EP		1555	8.988	0.81							1.0
SDA	HN	56	13	ES		1555	6.660	0.11							1.0
SDA	HZ	56	13	IAML		1555	8.826		90	0.4					
PUK	HZ	71	40	EP		1555	0.791	0.24							1.0
PUK	HE	71	40	ES		1555	0.556	-0.29							1.0
PUK	HZ	71	40	IAML		1555	4.826		150	0.5					
PHP	HZ	92	81	EP		1555	3.159	-0.94							1.0
PHP	HE	92	81	ES		1555	6.889	-0.38							1.0
PHP	HZ	92	81	IAML		1556	4.622		289	0.9					

PDG	HZ	97	356	EP	1555	5.520	0.63								1.0
PDG	HE	97	356	ES	1555	9.384	0.70								1.0
PDG	HZ	97	356	IAML	1556	4.558		130	0.5						
BERA	HZ	107	152	EP	1555	6.901	0.36								1.0
BERA	HE	107	152	ES	1556	2.307	0.62								1.0
BERA	HZ	107	152	IAML	1556	5.820		272	0.4						
BCI	HZ	108	33	EP	1555	6.516	-0.19								1.0
BCI	HN	108	33	ES	1556	1.498	-0.48								1.0
BCI	HZ	108	33	IAML	1556	9.715		244	0.7						
VLO	HE	121	174	ES	1556	5.907	0.22								1.0
VLO	HZ	121	174	IAML	1556	3.571		419	0.5						
TPE	HZ	151	158	IAML	1556	8.083		220	0.5						
KBN	HZ	159	130	EP	1555	5.394	0.76								0.9
KBN	HN	159	130	ES	1556	7.035	0.71								0.9
KBN	HZ	159	130	IAML	1556	2.323		170	1.1						
SCTE	HZ	181	205	EP	1555	6.475	-0.80								0.9
LSK	HZ	188	145	EP	1555	9.137	0.75								0.9
LSK	HZ	188	145	IAML	1556	3.782		124	0.8						
NEST	HZ	191	131	EP	1555	9.868	1.10								0.5
NEST	HZ	191	131	IAML	1556	6.648		142	0.5						
SRN	HZ	194	163	EP	1555	8.322	-0.67								0.9
KEK	HZ	208	169	EP	1556	0.467	-0.36								0.9
KEK	HZ	208	169	IAML	1556	6.390		138	0.6						
NOCI	HZ	209	247	EP	1556	0.590	-0.43								0.9
IGT	HZ	240	159	EP	1556	4.933	0.06								0.9
IGT	HZ	240	159	IAML	1556	0.636		74	0.8						
MRVN	HZ	269	259	EP	1556	8.281	-0.45								0.9
SGRT	HZ	301	275	EP	1556	2.098	-0.70								0.8
THL	HZ	316	133	EP	1556	4.190	-0.46								0.8

**March 8 2023 Hour: 16:40 56.1 Lat: 41.55N Lon: 19.40E D: 19.3 Ag: TIR Local**  
**Magnitudes: 2.6ML TIR 3.1MW TIR Rms: 0.3 secs**  
**26 km N of Durres**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LACI	HZ	29	71	EP		1641	2.060	0.03							1.0
LACI	HE	29	71	ES		1641	6.523	-0.35							1.0
LACI	HZ	29	71	IAML		1641	6.645		234	0.2					
TIR	HZ	45	120	EP		1641	4.629	0.03							1.0
TIR	HE	45	120	ES		1641	1.788	0.27							1.0
TIR	HZ	45	120	IAML		1641	4.511		113	0.3					
SDA	HZ	56	9	EP		1641	6.427	0.14							1.0
SDA	HE	56	9	ES		1641	5.104	0.53							1.0
SDA	HZ	56	9	IAML		1641	8.529		38	0.2					
PUK	HZ	68	37	EP		1641	8.316	-0.05							1.0
PUK	HE	68	37	ES		1641	8.293	-0.05							1.0
PUK	HZ	68	37	IAML		1641	0.561		54	0.3					
PHP	HZ	88	80	EP		1641	1.530	-0.11							1.0
PHP	HN	88	80	ES		1641	4.085	-0.18							1.0
PHP	HZ	88	80	IAML		1641	9.970		98	0.3					
PDG	HZ	98	354	EP		1641	3.195	-0.00							1.0
PDG	HN	98	354	ES		1641	7.353	0.27							1.0
PDG	HZ	98	354	IAML		1641	0.131		57	0.6					
BERA	HZ	105	154	EP		1641	4.754	0.38							1.0
BERA	HN	105	154	ES		1641	9.075	-0.13							1.0
BERA	HZ	105	154	IAML		1641	2.756		92	0.3					
BCI	HZ	106	31	EP		1641	4.050	-0.53							1.0
BCI	HN	106	31	ES		1641	9.336	-0.26							1.0
BCI	HZ	106	31	IAML		1641	7.490		65	0.6					
VLO	HZ	121	176	EP		1641	6.751	-0.13							1.0
VLO	HZ	121	176	IAML		1641	3.270		148	0.3					
TPE	HZ	149	159	EP		1641	1.394	0.01							1.0
TPE	HN	149	159	ES		1641	1.857	-0.05							1.0
TPE	HZ	149	159	IAML		1641	7.036		55	0.3					
KBN	HZ	156	131	EP		1641	2.540	0.05							1.0



KBN	HE	156	131	ES	1641	4.074	0.17										1.0
KBN	HZ	156	131	IAML	1641	0.981			32	0.7							
LSK	HZ	186	146	EP	1641	6.278	-0.07										0.9
LSK	HN	186	146	ES	1641	0.636	-0.25										0.9
LSK	HZ	186	146	IAML	1642	2.755			38	0.6							
NEST	HZ	188	132	EP	1641	7.439	0.81										0.9
NEST	HZ	188	132	IAML	1641	7.722			39	0.5							
SRN	HZ	193	164	EP	1641	7.533	0.44										0.9
SRN	HZ	193	164	IAML	1642	0.820			34	0.6							
KEK	HZ	207	170	EP	1641	8.601	-0.37										0.9
KEK	HZ	207	170	IAML	1642	6.610			34	0.7							
NOCI	HZ	213	247	EP	1641	9.010	-0.76										0.9
IGT	HZ	238	160	EP	1641	3.070	0.14										0.9
IGT	HZ	238	160	IAML	1642	3.061			16	0.3							

**March 8 2023 Hour: 19:5 14.1 Lat: 41.56N Lon: 19.38E D: 12.9 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 2.8MW TIR Rms: 0.5 secs**  
**27 km N of Durres**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LACI	HZ	29	73	EP		1905	9.853	0.09							1.0
LACI	HN	29	73	ES		1905	4.282	-0.07							1.0
TIR	HZ	47	120	EP		1905	2.398	-0.21							1.0
TIR	HN	47	120	ES		1905	9.492	-0.02							1.0
TIR	HZ	47	120	IAML		1905	2.298			47	0.3				
SDA	HZ	56	10	EP		1905	4.380	0.31							1.0
SDA	HE	56	10	ES		1905	2.793	0.65							1.0
SDA	HZ	56	10	IAML		1905	5.349			21	0.3				
PUK	HZ	69	38	EP		1905	6.245	-0.05							1.0
PUK	HZ	69	38	IAML		1905	0.773			31	0.2				
PHP	HZ	89	81	EP		1905	9.327	-0.42							1.0
PHP	HE	89	81	ES		1905	2.509	0.08							1.0
PHP	HZ	89	81	IAML		1905	7.446			45	0.3				
PDG	HZ	97	354	EP		1905	1.109	0.08							1.0
PDG	HN	97	354	ES		1905	4.637	-0.10							1.0
PDG	HZ	97	354	IAML		1905	0.658			21	0.2				
BCI	HZ	106	32	EP		1905	1.806	-0.75							1.0
BCI	HE	106	32	ES		1905	7.220	-0.29							1.0
BCI	HZ	106	32	IAML		1905	4.546			40	0.5				
BERA	HZ	106	153	EP		1905	3.155	0.63							1.0
BERA	HN	106	153	ES		1905	7.141	-0.32							1.0
BERA	HZ	106	153	IAML		1905	1.944			50	0.3				
SCTE	HZ	182	205	EP		1905	2.502	-1.99							0.2
LSK	HZ	187	146	EP		1905	5.615	0.39							0.9
LSK	HE	187	146	ES		1906	0.736	0.29							0.9
LSK	HZ	187	146	IAML		1906	9.240			20	0.9				
NEST	HZ	189	132	EP		1905	6.085	0.57							0.9
NEST	HZ	189	132	IAML		1906	3.031			17	0.5				
SRN	HZ	194	164	EP		1905	4.982	-0.96							0.2
KEK	HZ	208	170	EP		1905	6.602	-1.21							0.2
KEK	HZ	208	170	IAML		1906	7.882			17	0.7				
NOCI	HZ	212	247	EP		1905	8.052	-0.35							0.9
IGT	HZ	239	160	EP		1905	0.795	-1.00							0.2
IGT	HZ	239	160	IAML		1906	5.339			12	0.6				
THL	HZ	314	134	EP		1906	1.228	-0.19							0.8

**March 8 2023 Hour: 20:44 47.9 Lat: 39.30N Lon: 20.44E D: 24.6 Ag: TIR Local**  
**Magnitudes: 2.8ML TIR 3.2MW TIR Rms: 0.5 secs**  
**45 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	28	340	EP		2044	4.330	0.06							1.0
IGT	HN	28	340	ES		2044	9.397	-0.05							1.0
IGT	HZ	28	340	IAML	A	2045	0.051			979	0.2				
KEK	HZ	72	310	EP		2045	0.455	-0.39							1.0
KEK	HE	72	310	ES		2045	0.556	-0.80							1.0

KEK	HZ	72	310	IAML	A	2045	2.588		864	0.4				
SRN	HZ	75	330	EP		2045	1.028-0.27							1.0
SRN	HN	75	330	ES		2045	2.341 0.18							1.0
SRN	HZ	75	330	IAML		2045	3.217		177	0.2				
LSK	HZ	96	8	EP		2045	4.922 0.29							1.0
LSK	HZ	96	8	IAML		2045	3.158		88	0.4				
TPE	HZ	117	342	EP		2045	8.453 0.58							1.0
TPE	HZ	117	342	IAML		2045	5.946		149	0.3				
VLS	HZ	125	174	EP		2045	9.012-0.19							1.0
NEST	HZ	135	23	EP		2045	1.392 0.63							1.0
NEST	HN	135	23	ES		2045	9.292-0.01							1.0
NEST	HZ	135	23	IAML		2045	2.436		79	0.3				
THL	HZ	139	77	EP		2045	1.984 0.65							1.0
THL	HE	139	77	ES		2045	9.537-0.80							1.0
KBN	HZ	150	11	EP		2045	2.347-0.69							1.0
KBN	HN	150	11	ES		2045	3.280-0.14							1.0
KBN	HZ	150	11	IAML		2045	8.139		24	0.5				
VLO	HZ	153	328	EP		2045	4.402 1.08							1.0
VLO	HZ	153	328	IAML		2045	7.677		115	0.3				
KZN	HZ	160	45	EP		2045	4.583 0.30							0.9
KZN	HN	160	45	ES		2045	5.329-0.34							0.9
BERA	HZ	162	345	EP		2045	4.391-0.02							0.9
BERA	HZ	162	345	IAML		2045	9.490		55	0.3				

**March 9 2023 Hour: 7:36 33.2 Lat: 41.47N Lon: 20.09E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 2.9MW TIR Rms: 0.5 secs**  
**3 km S of Klos**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	24	234	EP		0736	7.586-0.29								1.0
TIR	HE	24	234	ES		0736	1.856 0.20								1.0
TIR	HZ	24	234	IAML		0736	4.061			245	0.4				
LACI	HZ	36	300	EP		0736	9.685-0.28								1.0
LACI	HN	36	300	ES		0736	6.487 1.06								1.0
LACI	HZ	36	300	IAML		0736	9.717			291	0.5				
PHP	HZ	37	51	EP		0736	0.638 0.44								1.0
PHP	HN	37	51	ES		0736	6.709 0.85								1.0
PHP	HZ	37	51	IAML		0736	8.689			367	0.3				
PUK	HZ	66	345	EP		0736	4.930 0.03								1.0
PUK	HN	66	345	ES		0736	4.883 0.52								1.0
PUK	HZ	66	345	IAML		0736	6.940			135	0.3				
SDA	HZ	81	323	EP		0736	7.250-0.16								1.0
SDA	HN	81	323	ES		0736	8.789-0.12								1.0
SDA	HZ	81	323	IAML		0737	0.922			47	0.1				
BERA	HZ	86	188	EP		0736	7.769-0.55								1.0
BERA	HE	86	188	ES		0737	0.208-0.34								1.0
BERA	HZ	86	188	IAML		0737	2.201			86	0.2				
BCI	HZ	99	359	EP		0736	0.504-0.01								1.0
BCI	HN	99	359	ES		0737	4.317-0.21								1.0
BCI	HZ	99	359	IAML		0737	9.621			56	0.3				
KBN	HZ	111	148	EP		0736	2.372-0.08								1.0
KBN	HN	111	148	ES		0737	8.321 0.29								1.0
KBN	HZ	111	148	IAML		0737	6.485			24	0.6				
PDG	HZ	127	327	EP		0736	4.678-0.37								1.0
PDG	HN	127	327	ES		0737	2.313-0.42								1.0
PDG	HZ	127	327	IAML		0737	6.674			81	0.2				
TPE	HZ	131	183	EP		0736	4.533-1.23								1.0
TPE	HE	131	183	ES		0737	4.463 0.44								1.0
TPE	HZ	131	183	IAML		0737	5.315			33	0.2				
NEST	HZ	142	145	EP		0736	7.911 0.19								1.0
NEST	HN	142	145	ES		0737	7.117-0.45								1.0
NEST	HZ	142	145	IAML		0737	4.598			30	0.4				
LSK	HZ	153	164	EP		0736	9.719 0.25								1.0
LSK	HN	153	164	ES		0737	1.031 0.29								1.0
LSK	HZ	153	164	IAML		0737	1.831			70	0.6				

SRN	HZ	177	183	EP	0737	3.343	0.21										0.9
SRN	HN	177	183	ES	0737	7.410	0.05										0.9
SRN	HZ	177	183	IAML	0737	5.216				13	0.6						
KZN	HZ	192	132	EP	0737	5.318	0.19										0.9
KZN	HE	192	132	ES	0737	1.116	0.14										0.9
KEK	HZ	197	187	EP	0737	5.808	0.09										0.9
KEK	HN	197	187	ES	0737	1.977	-0.07										0.9
KEK	HZ	197	187	IAML	0737	0.011				14	0.5						
BARS	BZ	206	43	EP	0737	7.151	0.21										0.9
BARS	BN	206	43	ES	0737	3.892	-0.36										0.9
IGT	HZ	216	175	EP	0737	8.158	-0.06										0.9
IGT	HE	216	175	ES	0737	7.476	0.92										0.9
IGT	HZ	216	175	IAML	0737	4.474				11	0.2						
BOSS	SZ	227	59	EP	0737	8.448	-1.18										0.9
BOSS	SN	227	59	ES	0737	8.583	-0.53										0.9
THL	HZ	267	142	EP	0737	4.873	0.17										0.9
THL	HN	267	142	ES	0737	8.363	0.06										0.9

**March 9 2023 Hour: 11:46 10.2 Lat: 38.76N Lon: 20.58E D: 2.5 Ag: TIR Local**  
**Magnitudes: 2.5ML TIR Rms: 0.5 secs**  
**106 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	64	180	EP		1146	1.265	-0.41							1.0
VLS	HN	64	180	ES		1146	0.454	-0.55							1.0
IGT	HZ	89	346	EP		1146	6.093	0.07							1.0
IGT	HN	89	346	ES		1146	9.012	0.14							1.0
IGT	HZ	89	346	IAML		1146	3.123			62	0.4				
KEK	HZ	126	328	EP		1146	2.907	0.49							1.0
KEK	HN	126	328	ES		1146	0.484	0.04							1.0
KEK	HZ	126	328	IAML		1146	8.776			54	0.5				
SRN	HZ	134	338	EP		1146	3.652	-0.17							1.0
SRN	HN	134	338	ES		1146	2.584	-0.40							1.0
SRN	HZ	134	338	IAML		1146	6.811			15	1.1				
THL	HZ	153	54	EP		1146	6.737	-0.14							1.0
THL	HN	153	54	ES		1146	8.316	-0.19							1.0
LSK	HZ	155	0	EP		1146	7.280	0.03							1.0
LSK	HE	155	0	ES		1146	9.210	0.03							1.0
LSK	HZ	155	0	IAML		1147	1.437			33	0.8				
TPE	HZ	178	344	EP		1146	1.291	0.27							0.9
TPE	HN	178	344	ES		1147	5.531	-0.49							0.9
TPE	HZ	178	344	IAML		1147	0.335			25	0.5				
NEST	HZ	188	12	EP		1146	3.662	0.93							0.9
NEST	HN	188	12	ES		1147	8.464	-0.64							0.9
NEST	HZ	188	12	IAML		1147	6.906			13	0.4				
ITM	HZ	211	146	EP		1146	7.098	1.52							0.9
ITM	HE	211	146	ES		1147	3.942	-0.32							0.9

**March 9 2023 Hour: 13:46 58.1 Lat: 39.18N Lon: 20.49E D: 5.0F Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.4 secs**  
**59 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	41	341	EP		1347	4.769	-0.78							1.0
IGT	HN	41	341	ES		1347	1.444	-0.12							1.0
IGT	HZ	41	341	IAML		1347	4.947			74	0.3				
KEK	HZ	84	315	EP		1347	2.242	-0.86							1.0
KEK	HE	84	315	ES		1347	5.359	0.11							1.0
KEK	HZ	84	315	IAML		1347	4.294			30	0.5				
SRN	HZ	88	332	EP		1347	3.569	-0.32							1.0
SRN	HN	88	332	ES		1347	6.781	0.10							1.0
SRN	HZ	88	332	IAML		1347	0.943			13	0.4				
LSK	HZ	108	5	EP		1347	7.459	0.20							1.0
LSK	HE	108	5	ES		1347	3.045	0.27							1.0
LSK	HZ	108	5	IAML		1347	4.418			16	0.5				
VLS	HZ	112	175	EP		1347	8.138	0.29							1.0

VLS	HE	112	175	ES	1347	4.050	0.22										1.0
TPE	HZ	130	342	EP	1347	1.183	0.28										1.0
TPE	HN	130	342	ES	1347	0.158	0.78										1.0
TPE	HZ	130	342	IAML	1347	6.212			18	0.3							
THL	HZ	138	72	EP	1347	2.152	-0.08										1.0
THL	HN	138	72	ES	1347	1.426	-0.35										1.0
NEST	HZ	145	19	EP	1347	3.756	0.30										1.0
NEST	HN	145	19	ES	1347	4.008	0.02										1.0
NEST	HZ	145	19	IAML	1347	9.918				6	0.4						

**March 9 2023 Hour: 20:59 14.7 Lat: 40.85N Lon: 21.40E D: 7.9 Ag: TIR Local**  
**Magnitudes: 3.2ML TIR 3.6MW TIR Rms: 0.7 secs**  
**42 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	56	212	EP		2059	5.245	0.33							1.0
NEST	HN	56	212	ES		2059	2.608	-0.57							1.0
NEST	HZ	56	212	IAML		2059	5.564			2429	0.5				
KBN	HZ	57	245	EP		2059	5.060	-0.01							1.0
KBN	HN	57	245	ES		2059	2.858	-0.60							1.0
KBN	HZ	57	245	IAML		2059	5.250			915	0.7				
KZN	HZ	68	152	EP		2059	7.614	0.71							1.0
KZN	HN	68	152	ES		2059	7.501	0.71							1.0
LSK	HZ	103	222	EP		2059	2.714	-0.13							1.0
LSK	HN	103	222	ES		2059	6.283	-1.25							1.0
LSK	HZ	103	222	IAML		2059	8.970			639	0.4				
BERA	HN	123	263	ES		2059	4.570	0.96							1.0
PHP	HZ	123	319	EP		2059	5.380	-0.77							1.0
PHP	HN	123	319	ES		2059	3.150	-0.36							1.0
PHP	HZ	123	319	IAML		2059	5.183			524	0.8				
BERA	HZ	123	263	EP		2059	5.182	-1.02							1.0
BERA	HZ	123	263	IAML		2100	2.679			117	0.6				
TPE	HZ	132	243	EP		2059	6.950	-0.73							1.0
TPE	HN	132	243	ES		2059	6.049	-0.24							1.0
TPE	HZ	132	243	IAML		2100	5.502			196	0.8				
THE	HZ	134	100	EP		2059	8.772	0.76							1.0
THE	HN	134	100	ES		2059	7.096	0.20							1.0
THE	HZ	134	100	IAML		2059	9.599			93	0.5				
TIR	HZ	140	294	EP		2059	9.369	0.34							1.0
TIR	HN	140	294	ES		2059	9.367	0.64							1.0
TIR	HZ	140	294	IAML		2100	3.950			77	0.9				
THL	HZ	152	160	EP		2059	0.355	-0.55							1.0
THL	HN	152	160	ES		2100	1.474	-0.65							1.0
SRN	HZ	160	228	EP		2059	3.164	0.85							0.9
SRN	HN	160	228	ES		2100	4.338	-0.33							0.9
SRN	HZ	160	228	IAML		2100	2.953			105	1.0				
LACI	HZ	166	302	EP		2059	2.557	-0.73							0.9
LACI	HN	166	302	ES		2100	6.798	0.36							0.9
LACI	HZ	166	302	IAML		2100	2.877			105	1.3				
IGT	HZ	172	212	EP		2059	4.860	0.57							0.9
IGT	HN	172	212	ES		2100	9.358	1.10							0.9
IGT	HZ	172	212	IAML		2100	3.389			141	0.4				
PLG	HZ	181	106	EP		2059	5.045	-0.55							0.9
PLG	HN	181	106	ES		2100	9.459	-1.15							0.9
PUK	HZ	183	317	EP		2059	5.593	-0.31							0.9
PUK	HN	183	317	ES		2100	1.304	0.13							0.9
PUK	HZ	183	317	IAML		2100	4.039			48	0.2				
KEK	HZ	185	228	EP		2059	7.059	0.92							0.9
KEK	HN	185	228	ES		2100	2.443	0.84							0.9
KEK	HZ	185	228	IAML		2100	3.219			125	0.7				
BCI	HZ	202	327	EP		2059	9.104	0.81							0.9

**March 9 2023 Hour: 21:49 24.4 Lat: 40.84N Lon: 21.40E D: 8.6 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR Rms: 0.7 secs**  
**41 km NE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	55	212	EP		2149	4.372	-0.06							1.0
NEST	HN	55	212	ES		2149	2.126	-0.42							1.0
NEST	HZ	55	212	IAML		2149	4.693			71	0.1				
KBN	HZ	57	245	EP		2149	4.742	0.09							1.0
KBN	HN	57	245	ES		2149	2.607	-0.34							1.0
KBN	HZ	57	245	IAML		2149	3.554			24	0.1				
KZN	HZ	67	152	EP		2149	7.081	0.61							1.0
KZN	HN	67	152	ES		2149	6.821	0.58							1.0
LSK	HZ	102	222	EP		2149	1.417	-0.89							1.0
LSK	HN	102	222	ES		2149	6.026	-0.78							1.0
LSK	HZ	102	222	IAML		2150	2.901			14	0.5				
PHP	HZ	124	320	EP		2149	5.701	-0.21							1.0
THL	HZ	151	159	EP		2149	9.408	-0.98							1.0
THL	HN	151	159	ES		2150	0.727	-0.71							1.0
SRN	HZ	159	229	EP		2149	2.972	1.18							0.9
SRN	HN	159	229	ES		2150	4.876	0.90							0.9
SRN	HZ	159	229	IAML		2150	3.273			13	1.7				
IGT	HZ	171	212	EP		2149	4.360	0.61							0.9
IGT	HN	171	212	ES		2150	8.114	0.60							0.9
IGT	HZ	171	212	IAML		2150	9.691			11	1.0				

**March 10 2023 Hour: 1:14 11.8 Lat: 38.72N Lon: 20.56E D: 10.0F Ag: TIR Local**  
**Magnitudes: 2.1ML TIR Rms: 0.4 secs**  
**108 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VLS	HZ	61	177	EP		0114	2.681	-0.02							1.0
VLS	HN	61	177	ES		0114	1.571	0.03							1.0
IGT	HZ	92	348	EP		0114	7.336	-0.54							1.0
IGT	HN	92	348	ES		0114	0.538	-0.37							1.0
IGT	HZ	92	348	IAML		0114	4.936			28	0.5				
KEK	HZ	128	330	EP		0114	3.997	0.13							1.0
KEK	HN	128	330	ES		0114	1.960	0.21							1.0
KEK	HZ	128	330	IAML		0115	0.280			33	0.8				
SRN	HZ	137	340	EP		0114	5.197	-0.19							1.0
SRN	HE	137	340	ES		0114	4.486	-0.01							1.0
SRN	HZ	137	340	IAML		0114	9.962			9	0.6				
THL	HZ	157	53	EP		0114	8.407	-0.31							1.0
THL	HE	157	53	ES		0115	0.441	-0.10							1.0
LSK	HZ	158	1	EP		0114	9.608	0.60							0.9
LSK	HE	158	1	ES		0115	0.986	-0.08							0.9
LSK	HZ	158	1	IAML		0115	7.625			12	0.6				
NEST	HZ	192	13	EP		0114	5.518	1.57							0.5
NEST	HN	192	13	ES		0115	0.668	0.67							0.9
NEST	HZ	192	13	IAML		0115	4.764			13	1.5				
BERA	HZ	226	347	EP		0114	7.801	-0.29							0.9

**March 10 2023 Hour: 6:39 57.5 Lat: 39.69N Lon: 20.44E D: 16.1 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR Rms: 0.3 secs**  
**22 km E of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	19	208	EP		0640	1.574	-0.32							1.0
IGT	HN	19	208	ES		0640	5.730	0.24							1.0
IGT	HZ	19	208	IAML		0640	6.453			951	0.2				
SRN	HZ	43	300	EP		0640	5.071	-0.41							1.0
SRN	HE	43	300	ES		0640	2.081	0.10							1.0
SRN	HZ	43	300	IAML		0640	5.534			89	0.4				
LSK	HZ	53	15	EP		0640	6.884	-0.29							1.0
LSK	HE	53	15	ES		0640	5.178	0.13							1.0
KEK	HZ	55	273	EP		0640	7.176	-0.23							1.0

KEK	HN	55	273	ES	0640	5.616	0.14										1.0
KEK	HZ	55	273	IAML	0640	6.902			122	0.3							
TPE	HZ	77	332	EP	0640	1.144	0.17										1.0
TPE	HN	77	332	ES	0640	1.943	0.01										1.0
TPE	HZ	77	332	IAML	0640	6.548			49	0.3							
NEST	HZ	96	33	EP	0640	3.981	-0.30										1.0
NEST	HE	96	33	ES	0640	7.961	0.04										1.0
NEST	HZ	96	33	IAML	0640	3.263			26	0.3							
BERA	HZ	120	340	EP	0640	8.214	-0.01										1.0
BERA	HN	120	340	ES	0640	5.272	0.22										1.0
BERA	HZ	120	340	IAML	0640	7.087			24	0.3							
THL	HZ	136	95	EP	0640	1.099	0.25										1.0
VLS	HZ	168	175	EP	0640	6.361	0.62										0.9
VLS	HN	168	175	ES	0640	8.347	-0.30										0.9

**March 11 2023 Hour: 7:1 38.5 Lat: 38.76N Lon: 20.58E D: 3.3 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR Rms: 0.3 secs**  
**105 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
VLS	HZ	65	179	EP		0701	9.759	-0.25							1.0		
VLS	HN	65	179	ES		0701	9.507	0.16							1.0		
IGT	HZ	89	346	EP		0701	4.391	0.08							1.0		
IGT	HN	89	346	ES		0702	7.163	0.03							1.0		
IGT	HZ	89	346	IAML		0702	8.393			30	0.2						
KEK	HZ	126	328	EP		0702	0.435	-0.20									1.0
KEK	HE	126	328	ES		0702	8.874	0.29									1.0
KEK	HZ	126	328	IAML		0702	3.074			25	0.3						
SRN	HZ	134	338	EP		0702	2.285	0.25									1.0
SRN	HN	134	338	ES		0702	1.477	0.35									1.0
SRN	HZ	134	338	IAML		0702	6.259			15	0.6						
THL	HZ	153	54	EP		0702	5.625	0.47									1.0
THL	HE	153	54	ES		0702	6.641	-0.14									1.0
TPE	HZ	177	344	EP		0702	8.849	-0.40									0.9
TPE	HN	177	344	ES		0702	3.576	-0.60									0.9
TPE	HZ	177	344	IAML		0702	9.045			22	0.2						
NEST	HZ	188	12	EP		0702	0.680	-0.25									0.9
NEST	HN	188	12	ES		0702	7.338	0.13									0.9
NEST	HZ	188	12	IAML		0702	8.479			11	0.3						

**March 11 2023 Hour: 10:19 44.7 Lat: 41.74N Lon: 19.64E D: 19.8 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR Rms: 0.3 secs**  
**4 km S of Lezhe**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
LACI	HZ	14	150	EP		1019	8.810	-0.01							1.0		
LACI	HN	14	150	ES		1019	2.234	0.03							1.0		
LACI	HZ	14	150	IAML		1019	2.632			272	0.1						
SDA	HZ	36	342	EP		1019	1.859	0.10									1.0
SDA	HE	36	342	ES		1019	7.748	0.24									1.0
SDA	HZ	36	342	IAML		1019	8.160			11	0.1						
PUK	HZ	40	33	EP		1019	2.441	0.05									1.0
PUK	HN	40	33	ES		1019	8.533	-0.12									1.0
PUK	HZ	40	33	IAML		1020	0.818			134	0.2						
TIR	HZ	48	156	EP		1019	3.424	-0.19									1.0
TIR	HE	48	156	ES		1020	1.265	0.40									1.0
TIR	HZ	48	156	IAML		1020	4.336			30	0.2						
BCI	HZ	78	27	EP		1019	8.214	-0.31									1.0
BCI	HE	78	27	ES		1020	9.683	-0.07									1.0
BCI	HZ	78	27	IAML		1020	1.203			57	0.4						
PDG	HZ	82	338	EP		1019	8.490	-0.72									1.0
PDG	HN	82	338	ES		1020	1.507	0.50									1.0
PDG	HZ	82	338	IAML		1020	5.957			19	0.2						
BERA	HZ	118	167	EP		1020	4.798	-0.33									1.0
BERA	HN	118	167	ES		1020	1.289	-0.41									1.0
BERA	HZ	118	167	IAML		1020	6.033			30	0.3						

NEST HZ 189 141 EP 1020 5.983 0.63 0.9  
 NEST HE 189 141 ES 1020 0.531 0.32 0.9

**March 12 2023 Hour: 14:51 47.0 Lat: 41.09N Lon: 20.42E D: 9.8 Ag: TIR Local**  
**Magnitudes: 2.7ML TIR 3.2MW TIR Rms: 0.3 secs**  
**10 km W of Prrenjas**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	55	301	EP		1451	7.021	0.09							1.0
TIR	HN	55	301	ES		1452	5.072	0.12							1.0
TIR	HZ	55	301	IAML		1452	9.717			144	0.3				
BERA	HZ	59	223	EP		1451	7.408	-0.21							1.0
BERA	HN	59	223	ES		1452	6.211	0.00							1.0
BERA	HZ	59	223	IAML		1452	7.086			239	0.3				
KBN	HZ	61	149	EP		1451	8.220	0.29							1.0
KBN	HN	61	149	ES		1452	6.870	0.10							1.0
KBN	HZ	61	149	IAML		1452	4.192			126	0.5				
PHP	HZ	66	1	EP		1451	9.173	0.36							1.0
PHP	HN	66	1	ES		1452	8.810	0.45							1.0
PHP	HZ	66	1	IAML		1452	1.409			217	0.3				
LACI	HZ	84	316	EP		1452	1.325	-0.56							1.0
LACI	HN	84	316	ES		1452	3.435	-0.48							1.0
LACI	HZ	84	316	IAML		1452	7.257			108	0.3				
NEST	HZ	92	145	EP		1452	3.456	0.25							1.0
NEST	HN	92	145	ES		1452	6.223	-0.09							1.0
NEST	HZ	92	145	IAML		1452	9.937			102	0.4				
TPE	HZ	95	201	EP		1452	3.312	-0.35							1.0
TPE	HE	95	201	ES		1452	7.183	0.04							1.0
TPE	HZ	95	201	IAML		1452	8.336			90	0.6				
VLO	HZ	105	229	EP		1452	5.064	-0.16							1.0
LSK	HZ	106	172	EP		1452	5.121	-0.37							1.0
LSK	HN	106	172	ES		1452	0.865	0.42							1.0
LSK	HZ	106	172	IAML		1452	0.875			122	0.6				
PUK	HZ	114	337	EP		1452	6.997	0.07							1.0
PUK	HE	114	337	ES		1452	3.164	0.11							1.0
PUK	HZ	114	337	IAML		1452	6.560			79	0.3				
SDA	HZ	131	324	EP		1452	9.825	0.14							1.0
SDA	HE	131	324	ES		1452	8.470	0.43							1.0
SDA	HZ	131	324	IAML		1452	3.547			19	0.2				
KZN	HZ	144	127	EP		1452	1.666	-0.12							1.0
KZN	HE	144	127	ES		1452	1.613	-0.23							1.0
BCI	HZ	145	348	EP		1452	1.436	-0.49							1.0
BCI	HE	145	348	ES		1452	2.116	0.01							1.0
BCI	HZ	145	348	IAML		1452	6.042			84	0.6				
KEK	HZ	162	199	EP		1452	5.272	0.44							0.9
KEK	HN	162	199	ES		1452	7.677	0.31							0.9
KEK	HZ	162	199	IAML		1452	9.754			78	0.5				
IGT	HZ	173	183	EP		1452	7.318	0.65							0.9
IGT	HN	173	183	ES		1452	0.355	-0.33							0.9
IGT	HZ	173	183	IAML		1452	7.481			39	0.5				
PDG	HZ	177	327	EP		1452	6.857	-0.27							0.9
PDG	HE	177	327	ES		1452	1.528	0.02							0.9
PDG	HZ	177	327	IAML		1452	4.190			61	0.4				
THL	HZ	217	141	EP		1452	1.834	-0.40							0.9
PLG	HZ	267	106	EP		1452	8.397	-0.36							0.9

**March 12 2023 Hour: 14:58 42.8 Lat: 41.09N Lon: 20.44E D: 9.5 Ag: TIR Local**  
**Magnitudes: 2.6ML TIR 3.0MW TIR Rms: 0.4 secs**  
**9 km W of Prrenjas**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	56	301	EP		1458	2.827	-0.10							1.0
TIR	HN	56	301	ES		1459	1.969	0.84							1.0
TIR	HZ	56	301	IAML		1459	7.213			73	0.4				
KBN	HN	60	150	ES		1459	2.410	0.10							1.0
KBN	HZ	60	150	IAML		1459	5.629			108	0.2				

BERA	HZ	60	224	EP	1458	2.816	-0.72										1.0
BERA	HE	60	224	ES	1459	1.851	-0.39										1.0
BERA	HZ	60	224	IAML	1459	3.775		138	0.2								
KBN	HZ	60	150	EP	1458	3.952	0.38										1.0
PHP	HZ	66	0	EP	1458	4.821	0.19										1.0
PHP	HE	66	0	ES	1459	4.461	0.24										1.0
PHP	HZ	66	0	IAML	1459	6.675		201	0.3								
LACI	HZ	86	315	EP	1458	7.252	-0.59										1.0
LACI	HN	86	315	ES	1459	0.577	0.53										1.0
LACI	HZ	86	315	IAML	1459	3.933		76	0.5								
NEST	HZ	91	145	EP	1458	9.051	0.22										1.0
NEST	HE	91	145	ES	1459	2.066	0.24										1.0
NEST	HZ	91	145	IAML	1459	3.652		89	0.3								
TPE	HZ	95	202	EP	1458	9.236	-0.26										1.0
TPE	HE	95	202	ES	1459	2.799	-0.23										1.0
TPE	HZ	95	202	IAML	1459	1.968		99	0.5								
LSK	HZ	105	173	EP	1459	1.071	-0.14										1.0
LSK	HN	105	173	ES	1459	5.907	-0.22										1.0
LSK	HZ	105	173	IAML	1459	2.226		124	0.6								
PUK	HZ	115	337	EP	1459	2.770	-0.06										1.0
PUK	HN	115	337	ES	1459	9.088	0.02										1.0
PUK	HZ	115	337	IAML	1459	6.425		44	0.4								
SDA	HZ	132	324	EP	1459	5.281	-0.35										1.0
SDA	HN	132	324	ES	1459	4.117	-0.01										1.0
SDA	HZ	132	324	IAML	1459	9.399		14	0.3								
KZN	HZ	142	127	EP	1459	7.508	0.14										1.0
KZN	HN	142	127	ES	1459	6.851	-0.43										1.0
BCI	HZ	145	348	EP	1459	7.215	-0.58										1.0
BCI	HN	145	348	ES	1459	7.466	-0.59										1.0
BCI	HZ	145	348	IAML	1459	1.842		76	0.4								
KEK	HZ	162	200	EP	1459	1.244	0.58										0.9
KEK	HN	162	200	ES	1459	3.629	0.39										0.9
KEK	HZ	162	200	IAML	1459	9.736		67	0.6								
IGT	HZ	173	183	EP	1459	3.258	0.80										0.9
IGT	HN	173	183	ES	1459	6.401	-0.08										0.9
IGT	HZ	173	183	IAML	1459	3.315		36	0.5								
PDG	HZ	178	327	EP	1459	2.831	-0.21										0.9
PDG	HE	178	327	ES	1459	7.757	0.21										0.9
PDG	HZ	178	327	IAML	1459	0.018		39	0.4								
THL	HZ	216	141	EP	1459	7.717	-0.18										0.9
PLG	HZ	266	106	EP	1459	4.749	0.36										0.9

**March 12 2023 Hour: 18:26 13.6 Lat: 42.34N Lon: 19.39E D: 22.9 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR Rms: 0.2 secs**  
**14 km N of Koplik**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PDG	HZ	15	312	EP		1826	8.452	0.14							1.0
PDG	HE	15	312	ES		1826	2.036	-0.08							1.0
PDG	HZ	15	312	IAML		1826	2.195		505	0.2					
SDA	HZ	34	165	EP		1826	0.689	0.07							1.0
SDA	HE	34	165	ES		1826	6.196	-0.09							1.0
SDA	HZ	34	165	IAML		1826	7.349		20	0.1					
PUK	HZ	53	129	EP		1826	3.754	0.15							1.0
PUK	HN	53	129	ES		1826	1.710	0.01							1.0
PUK	HZ	53	129	IAML		1826	3.513		67	0.1					
BCI	HZ	56	87	EP		1826	4.020	0.03							1.0
BCI	HE	56	87	ES		1826	2.264	-0.13							1.0
BCI	HZ	56	87	IAML		1826	3.770		87	0.2					
LACI	HZ	83	161	EP		1826	8.319	0.02							1.0
LACI	HE	83	161	ES		1826	9.696	-0.49							1.0
LACI	HZ	83	161	IAML		1826	0.453		51	0.4					
PHP	HZ	113	130	EP		1826	2.987	-0.18							1.0
PHP	HN	113	130	ES		1826	9.437	0.44							1.0
PHP	HZ	113	130	IAML		1826	1.252		23	0.2					



TIR	HZ	117	160	EP	1826	3.836	0.12										1.0
TIR	HE	117	160	ES	1826	0.045	0.04										1.0
TIR	HZ	117	160	IAML	1826	4.968			13	0.2							
BERA	HZ	188	166	IAML	1827	7.587			13	0.2							
NEST	HZ	255	147	EP	1826	2.331	-0.05										0.9
NEST	HE	255	147	ES	1827	4.009	0.22										0.9
NEST	HZ	255	147	IAML	1827	6.661			6	0.4							
BARS	BZ			EP	1826	5.546											
BARS	BN			ES	1827	1.608											

**March 14 2023 Hour: 1:57 10.6 Lat: 39.31N Lon: 19.90E D: 36.3 Ag: TIR Local**  
**Magnitudes: 2.5ML TIR 2.9MW TIR Rms: 0.7 secs**

**45 km SW of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	45	56	EP		0157	0.556	0.27							1.0
IGT	HN	45	56	ES		0157	7.996	-0.11							1.0
IGT	HZ	45	56	IAML		0157	0.464			157	0.5				
KEK	HZ	46	349	EP		0157	0.264	-0.11							1.0
KEK	HN	46	349	ES		0157	7.259	-1.01							1.0
KEK	HZ	46	349	IAML		0157	7.989			180	0.2				
LKD2	HZ	88	131	EP		0157	6.944	0.54							1.0
LKD2	HN	88	131	ES		0157	9.210	0.02							1.0
TPE	HZ	110	5	EP		0157	0.086	0.62							1.0
TPE	HE	110	5	ES		0157	4.087	-0.63							1.0
TPE	HZ	110	5	IAML		0157	6.095			53	0.1				
LSK	HZ	111	33	EP		0157	0.251	0.55							1.0
LSK	HN	111	33	ES		0157	4.694	-0.44							1.0
LSK	HZ	111	33	IAML		0157	8.212			100	0.5				
VLO	HZ	133	345	EP		0157	2.793	0.35							1.0
VLO	HN	133	345	ES		0157	0.589	0.48							1.0
VLO	HZ	133	345	IAML		0157	6.278			28	0.2				
VLS	HZ	139	154	EP		0157	2.854	-0.43							1.0
VLS	HE	139	154	ES		0157	0.836	-0.79							1.0
SCTE	HZ	149	305	EP		0157	3.407	-1.08							1.0
SCTE	HN	149	305	ES		0157	4.177	0.36							1.0
BERA	HZ	155	2	EP		0157	6.177	0.97							1.0
BERA	HN	155	2	ES		0157	4.871	-0.23							1.0
BERA	HZ	155	2	IAML		0157	9.593			17	0.2				
NEST	HZ	157	38	EP		0157	6.996	1.34							1.0
NEST	HN	157	38	ES		0157	5.344	-0.58							1.0
NEST	HZ	157	38	IAML		0158	3.063			26	0.3				
KBN	HZ	164	27	EP		0157	7.249	0.71							0.9
KBN	HN	164	27	ES		0157	8.261	0.73							0.9
KBN	HZ	164	27	IAML		0157	9.395			7	0.2				
THL	HZ	184	81	EP		0157	0.069	1.06							0.9
THL	HE	184	81	ES		0158	1.085	-0.90							0.9
KZN	HZ	195	55	EP		0157	0.847	0.40							0.9
KZN	HN	195	55	ES		0158	3.958	-0.64							0.9
PHP	HZ	268	10	EP		0157	9.441	-0.32							0.9
PUK	HZ	303	360	EP		0157	2.874	-1.50							0.8

**March 15 2023 Hour: 17:1 45.3 Lat: 39.75N Lon: 20.17E D: 10.3 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 2.7MW TIR Rms: 0.5 secs**

**10 km N of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRN	HZ	20	315	EP		1701	9.096	-0.17							1.0
SRN	HE	20	315	ES		1701	2.511	-0.01							1.0
SRN	HZ	20	315	IAML		1701	3.630			422	0.2				
IGT	HZ	28	149	EP		1701	0.097	-0.55							1.0
IGT	HE	28	149	ES		1701	4.936	-0.09							1.0
IGT	HZ	28	149	IAML		1701	7.339			232	0.2				
KEK	HZ	32	262	EP		1701	1.392	0.18							1.0
KEK	HN	32	262	ES		1701	6.574	0.53							1.0
KEK	HZ	32	262	IAML		1701	8.752			283	1.0				

LSK	HZ	58	40	EP	1701	5.485	-0.19										1.0
LSK	HN	58	40	ES	1702	3.227	-0.89										1.0
LSK	HZ	58	40	IAML	1702	9.744			46	0.6							
TPE	HZ	62	348	EP	1701	6.369	0.09										1.0
TPE	HN	62	348	ES	1702	5.861	0.65										1.0
TPE	HZ	62	348	IAML	1702	2.173			101	0.7							
VLO	HZ	98	325	EP	1702	2.086	-0.24										1.0
NEST	HZ	105	45	EP	1702	3.486	-0.14										1.0
NEST	HN	105	45	ES	1702	8.409	-0.11										1.0
NEST	HZ	105	45	IAML	1702	6.483			16	0.7							
BERA	HZ	107	350	EP	1702	3.891	0.03										1.0
BERA	HN	107	350	ES	1702	9.173	0.23										1.0
BERA	HZ	107	350	IAML	1702	3.622			30	0.4							
LKD2	HZ	115	158	EP	1702	5.310	0.10										1.0
LKD2	HN	115	158	ES	1702	1.580	0.20										1.0
SCTE	HZ	149	284	EP	1702	1.298	0.39										1.0
SCTE	HN	149	284	ES	1702	1.086	-0.61										1.0
THL	HZ	160	97	EP	1702	2.729	0.04										0.9
THL	HE	160	97	ES	1702	6.330	1.41										0.9
VLS	HZ	179	168	EP	1702	4.600	-0.92										0.9
PUK	HZ	255	355	EP	1702	5.551	0.12										0.9

**March 16 2023 Hour: 3:27 25.3 Lat: 40.14N Lon: 19.78E D: 16.9 Ag: TIR Local**  
**Magnitudes: 3.2ML TIR 3.6MW TIR Rms: 0.7 secs**  
**4 km NE of Himare**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TPE	HZ	26	48	EP		0327	9.843	-0.94							1.0
TPE	HN	26	48	ES		0327	4.328	-0.90							1.0
TPE	HZ	26	48	IAML		0327	5.046			4315	0.4				
SRN	HZ	34	147	EP		0327	1.745	-0.15							1.0
SRN	HN	34	147	ES		0327	7.534	0.29							1.0
SRN	HZ	34	147	IAML		0327	8.534			1877	0.4				
VLO	HZ	44	326	EP		0327	3.745	0.19							1.0
VLO	HN	44	326	ES		0327	1.208	0.97							1.0
VLO	HZ	44	326	IAML		0327	4.796			1231	0.4				
KEK	HZ	47	179	EP		0327	4.061	0.06							1.0
KEK	HN	47	179	ES		0327	1.638	0.60							1.0
KEK	HZ	47	179	IAML		0327	2.006			922	0.5				
BERA	HZ	64	12	EP		0327	5.969	-0.86							1.0
BERA	HN	64	12	ES		0327	6.035	-0.13							1.0
BERA	HZ	64	12	IAML		0327	2.269			599	0.6				
BPA2	HZ	67	348	EP		0327	6.967	-0.35							1.0
LSK	HZ	69	88	EP		0327	6.936	-0.77							1.0
LSK	HN	69	88	ES		0327	7.957	0.20							1.0
LSK	HZ	69	88	IAML		0327	4.266			755	0.5				
IGT	HZ	82	145	EP		0327	9.434	-0.28							1.0
IGT	HE	82	145	ES		0327	1.473	0.08							1.0
IGT	HZ	82	145	IAML		0328	0.576			317	0.5				
KBN	HZ	101	57	EP		0327	1.991	-0.92							1.0
KBN	HN	101	57	ES		0327	7.975	0.79							1.0
KBN	HZ	101	57	IAML		0328	6.947			157	1.0				
NEST	HZ	112	74	EP		0327	4.532	-0.22							1.0
NEST	HN	112	74	ES		0328	0.822	0.31							1.0
NEST	HZ	112	74	IAML		0328	0.098			211	0.9				
SCTE	HZ	113	267	EP		0327	5.560	0.75							1.0
SCTE	HN	113	267	ES		0328	1.073	0.47							1.0
TIR	HZ	135	3	EP		0327	8.787	0.29							1.0
TIR	HE	135	3	ES		0328	8.962	1.68							1.0
TIR	HZ	135	3	IAML		0328	7.921			88	0.7				
LACI	HN	167	358	ES		0328	6.134	0.19							0.9
LACI	HZ	167	358	IAML		0328	7.828			87	0.4				
LKD2	HZ	167	153	EP		0327	3.583	0.16							0.9
LKD2	HN	167	153	ES		0328	5.920	-0.28							0.9
LACI	HZ	167	358	EP		0327	3.509	0.23							0.9

KZN	HZ	170	83	EP	0327	4.248	0.42												0.9
KZN	HN	170	83	ES	0328	8.435	1.51												0.9
PHP	HZ	181	18	EP	0327	5.802	0.66												0.9
PHP	HN	181	18	ES	0328	9.204	-0.11												0.9
PHP	HZ	181	18	IAML	0328	1.600				119	1.5								
PHP	HZ	181	18	IAML	0328	2.636				126	0.4								
THL	HZ	201	108	EP	0327	8.973	1.28												0.9
THL	HN	201	108	ES	0328	4.061	0.13												0.9
PUK	HZ	212	2	EP	0327	9.413	0.23												0.9
PUK	HN	212	2	ES	0328	6.539	-0.09												0.9
PUK	HZ	212	2	IAML	0328	3.634				51	0.7								
SDA	HZ	214	354	EP	0327	8.973	-0.35												0.9
SDA	HE	214	354	ES	0328	6.194	-0.69												0.9
SDA	HZ	214	354	IAML	0328	5.407				21	0.7								
VLS	HZ	228	162	EP	0328	0.428	-0.80												0.9
NOCI	HZ	242	288	EP	0328	1.603	-1.36												0.9
NOCI	HN	242	288	ES	0328	4.034	0.57												0.9
BCI	HZ	249	5	EP	0328	4.010	0.14												0.9
BCI	HN	249	5	ES	0328	5.062	-0.04												0.9
BCI	HZ	249	5	IAML	0328	7.393				58	1.1								
PDG	HZ	258	350	EP	0328	4.334	-0.71												0.9
PDG	HZ	258	350	IAML	0328	9.048				40	0.5								
THE	HZ	276	77	EP	0328	7.671	0.43												0.8
THE	HN	276	77	ES	0328	0.869	-0.35												0.8
THE	HZ	276	77	IAML	0328	9.974				17	1.4								
PLG	HZ	312	84	EP	0328	3.117	1.09												0.8
PLG	HN	312	84	ES	0328	8.846	-1.03												0.8
MRVN	HZ	321	290	EP	0328	1.706	-1.38												0.8
NVR	HZ	370	67	EP	0328	9.727	0.32												0.8
NVR	HN	370	67	ES	0329	2.782	-0.46												0.8
ITM	HZ	377	150	EP	0328	9.924	-0.42												0.8
SGRT	HZ	385	299	EP	0328	9.474	-1.88												0.8

**March 16 2023 Hour: 10:53 41.3 Lat: 40.64N Lon: 21.41E D: 4.6 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR Rms: 0.3 secs**  
**35 km E of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	40	231	EP		1053	8.800	0.36							1.0
NEST	HE	40	231	ES		1053	4.314	0.08							1.0
NEST	HZ	40	231	IAML		1053	5.503			90	0.2				
KZN	HZ	48	140	EP		1053	0.245	0.37							1.0
KZN	HE	48	140	ES		1053	6.797	-0.04							1.0
KBN	HZ	53	268	EP		1053	1.035	0.24							1.0
KBN	HN	53	268	ES		1053	8.138	-0.36							1.0
KBN	HZ	53	268	IAML		1053	9.936			87	0.2				
LSK	HZ	88	232	EP		1053	6.571	-0.45							1.0
LSK	HN	88	232	ES		1054	9.671	-0.09							1.0
LSK	HZ	88	232	IAML		1054	3.747			28	0.5				
THL	HZ	130	157	EP		1054	3.604	-0.44							1.0
THL	HN	130	157	ES		1054	2.399	-0.08							1.0
SRN	HZ	147	235	EP		1054	6.960	0.10							1.0
SRN	HE	147	235	ES		1054	7.905	0.32							1.0

**March 16 2023 Hour: 14: 7 6.8 Lat: 39.45N Lon: 20.34E D: 6.9 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR Rms: 0.4 secs**  
**26 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IGT	HZ	9	355	EP		1407	8.506	-0.34							1.0
IGT	HE	9	355	ES		1407	0.332	-0.19							1.0
IGT	HZ	9	355	IAML		1407	0.841			1093	0.2				
KEK	HZ	55	302	EP		1407	6.366	-0.32							1.0
KEK	HN	55	302	ES		1407	5.251	0.55							1.0
KEK	HZ	55	302	IAML		1407	7.878			89	0.4				
SRN	HZ	56	328	EP		1407	6.488	-0.35							1.0

SRN	HE	56	328	ES	1407	5.251	0.27										1.0
LKD2	HZ	79	160	EP	1407	1.307	0.45										1.0
LKD2	HN	79	160	ES	1407	2.809	0.56										1.0
LSK	HZ	81	16	EP	1407	1.515	0.28										1.0
LSK	HN	81	16	ES	1407	2.781	-0.16										1.0
LSK	HZ	81	16	IAML	1407	8.048				25	0.8						
NEST	HZ	123	29	EP	1407	8.047	-0.23										1.0
NEST	HZ	123	29	IAML	1407	1.957				14	0.6						
VLS	HZ	143	171	EP	1407	1.678	0.06										1.0
VLS	HN	143	171	ES	1407	0.689	-1.05										1.0
THL	HZ	144	84	EP	1407	2.127	0.32										1.0
THL	HN	144	84	ES	1407	2.177	0.10										1.0

**March 16 2023 Hour: 19:37 29.1 Lat: 38.72N Lon: 20.62E D: 1.1 Ag: TIR Local**  
**Magnitudes: 2.7ML TIR Rms: 0.9 secs**

**111 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
LKD2	HZ	8	23	EP		1937	0.837	0.20							1.0		
VLS	HZ	60	183	EP		1937	9.068	-0.77							1.0		
VLS	HN	60	183	ES		1937	8.616	0.07							1.0		
IGT	HZ	94	345	EP		1937	4.869	-0.96							1.0		
IGT	HN	94	345	ES		1937	9.247	-0.14							1.0		
IGT	HZ	94	345	IAML		1938	2.306			24	1.2						
KEK	HZ	131	328	EP		1937	2.608	0.28									1.0
KEK	HN	131	328	ES		1938	0.825	-0.31									1.0
KEK	HZ	131	328	IAML		1938	0.316			71	1.6						
SRN	HZ	140	338	EP		1937	4.267	0.57									1.0
SRN	HN	140	338	ES		1938	2.629	-1.00									1.0
SRN	HZ	140	338	IAML		1938	3.469			70	0.1						
THL	HZ	153	52	EP		1937	7.671	1.76									1.0
THL	HN	153	52	ES		1938	5.855	-1.78									1.0
LSK	HZ	159	359	EP		1937	7.883	0.90									0.9
LSK	HN	159	359	ES		1938	0.521	0.95									0.9
LSK	HZ	159	359	IAML		1938	4.375			14	1.4						
NEST	HZ	192	11	EP		1938	3.014	0.72									0.9
NEST	HN	192	11	ES		1938	8.916	-0.26									0.9
NEST	HZ	192	11	IAML		1938	2.850			30	2.6						

**March 17 2023 Hour: 5:36 22.1 Lat: 38.77N Lon: 21.14E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR Rms: 0.5 secs**

**128 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT		
LKD2	HZ	42	274	EP		0536	0.533	0.78							1.0		
LKD2	HE	42	274	ES		0536	5.972	0.00							1.0		
VLS	HZ	81	216	EP		0536	6.060	-0.22							1.0		
VLS	HN	81	216	ES		0536	7.276	-0.51							1.0		
IGT	HZ	110	321	EP		0536	1.271	0.16							1.0		
IGT	HN	110	321	ES		0536	6.870	0.34							1.0		
IGT	HZ	110	321	IAML		0537	0.493			13	0.5						
THL	HZ	117	40	EP		0536	2.331	0.09									1.0
THL	HN	117	40	ES		0536	7.875	-0.70									1.0
KEK	HZ	156	313	EP		0536	8.690	-0.14									1.0
KEK	HN	156	313	ES		0537	9.974	-0.52									1.0
KEK	HZ	156	313	IAML		0537	2.538			27	0.5						
SRN	HZ	158	322	EP		0536	8.425	-0.65									0.9
SRN	HZ	158	322	IAML		0537	0.220			10	1.3						
SRN	HN	158	322	ES		0537	0.415	-0.53									0.9
LSK	HZ	160	343	EP		0536	9.926	0.34									0.9
LSK	HN	160	343	ES		0537	2.653	0.78									0.9
LSK	HZ	160	343	IAML		0537	7.564			14	0.9						
NEST	HZ	183	358	EP		0536	3.547	0.62									0.9
NEST	HN	183	358	ES		0537	7.579	-0.33									0.9
NEST	HZ	183	358	IAML		0537	4.014			9	0.4						
ITM	HZ	189	158	EP		0536	3.989	0.37									0.9

ITM HN 189 158 ES 0537 9.341 0.17 0.9

March 18 2023 Hour: 3:59 48.2 Lat: 40.06N Lon: 20.48E D: 30.7 Ag: TIR Local  
Magnitudes: 3.4ML TIR 3.6MW TIR Rms: 0.4 secs

18 km E of Libohove

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	14	44	EP		0359	3.994	-0.05							1.0
LSK	HN	14	44	ES		0359	8.811	0.00							1.0
LSK	HZ	14	44	IAML		0400	2.045			5478	0.5				
SRN	HZ	46	245	EP		0359	7.366	-0.05							1.0
SRN	HN	46	245	ES		0400	4.848	-0.06							1.0
SRN	HZ	46	245	IAML		0400	6.174			2418	0.4				
TPE	HZ	48	304	EP		0359	7.572	-0.17							1.0
TPE	HN	48	304	ES		0400	5.486	-0.01							1.0
TPE	HZ	48	304	IAML		0400	8.239			2916	0.3				
IGT	HZ	60	192	EP		0359	9.637	0.18							1.0
IGT	HN	60	192	ES		0400	8.496	-0.11							1.0
IGT	HZ	60	192	IAML		0400	0.785			862	0.7				
NEST	HZ	63	50	EP		0359	9.912	-0.06							1.0
NEST	HE	63	50	ES		0400	9.597	0.06							1.0
NEST	HZ	63	50	IAML		0400	4.776			737	0.5				
KBN	HZ	68	22	EP		0400	0.864	0.08							1.0
KBN	HN	68	22	ES		0400	0.991	-0.01							1.0
KBN	HZ	68	22	IAML		0400	8.492			379	0.5				
KEK	HZ	70	237	EP		0400	0.883	-0.10							1.0
KEK	HN	70	237	ES		0400	1.317	-0.04							1.0
KEK	HZ	70	237	IAML		0400	2.849			1550	0.3				
BERA	HZ	85	328	EP		0400	3.009	-0.25							1.0
BERA	HN	85	328	ES		0400	5.567	0.08							1.0
BERA	HZ	85	328	IAML		0400	8.286			1272	0.4				
VLO	HZ	96	299	EP		0400	5.073	0.15							1.0
VLO	HN	96	299	ES		0400	8.645	0.14							1.0
VLO	HZ	96	299	IAML		0400	4.410			1817	0.4				
BPA2	HZ	105	316	EP		0400	6.802	0.46							1.0
BPA2	HN	105	316	ES		0400	0.985	-0.08							1.0
KZN	HZ	113	75	EP		0400	7.862	0.11							1.0
KZN	HN	113	75	ES		0400	3.595	-0.03							1.0
THL	HZ	142	112	EP		0400	2.631	0.99							1.0
THL	HN	142	112	ES		0400	0.648	-0.00							1.0
LKD2	HZ	142	174	EP		0400	1.909	0.30							1.0
LKD2	HE	142	174	ES		0400	0.493	-0.11							1.0
TIR	HZ	153	340	EP		0400	3.267	0.28							1.0
TIR	HE	153	340	ES		0400	3.191	0.10							1.0
TIR	HZ	153	340	IAML		0400	3.895			134	0.6				
SCTE	HZ	172	271	EP		0400	4.263	-1.19							0.9
SCTE	HE	172	271	ES		0400	7.655	0.10							0.9
PHP	HZ	181	359	EP		0400	7.016	0.35							0.9
PHP	HN	181	359	ES		0400	0.009	0.25							0.9
PHP	HZ	181	359	IAML		0400	2.626			163	0.8				
LACI	HZ	187	340	EP		0400	7.145	-0.23							0.9
LACI	HN	187	340	ES		0400	1.197	0.16							0.9
LACI	HZ	187	340	IAML		0400	6.164			154	0.5				
VLS	HZ	209	177	EP		0400	0.048	-0.17							0.9
VLS	HN	209	177	ES		0400	6.525	0.34							0.9
THE	HZ	220	72	EP		0400	1.856	0.18							0.9
THE	HN	220	72	ES		0400	7.601	-1.22							0.9
THE	HZ	220	72	IAML		0400	7.213			52	1.2				
PUK	HZ	226	348	EP		0400	2.492	-0.00							0.9
PUK	HZ	226	348	IAML		0400	3.371			61	0.6				
SDA	HZ	236	340	EP		0400	3.075	-0.62							0.9
SDA	HN	236	340	ES		0400	3.029	0.55							0.9
SDA	HZ	236	340	IAML		0401	7.206			22	1.9				
PLG	HZ	255	81	EP		0400	6.417	0.30							0.9
BCI	HZ	259	352	EP		0400	7.006	0.35							0.9

BCI	HE	259	352	ES	0400	7.779	-0.06								0.9
BCI	HZ	259	352	IAML	0401	9.159		107	0.8						
PDG	HZ	283	339	EP	0400	8.971	-0.68								0.8
PDG	HZ	283	339	IAML	0401	7.314		50	0.5						
BOSS	SZ	318	31	EP	0400	4.161	-0.08								0.8
NVR	HZ	320	62	EP	0400	4.226	-0.27								0.8
BARS	BZ	326	20	EP	0400	4.855	-0.41								0.8
ITM	HZ	343	158	EP	0400	7.640	0.18								0.8

**March 18 2023 Hour: 14:29 31.6 Lat: 41.23N Lon: 20.11E D: 17.3 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR 3.0MW TIR Rms: 0.8 secs**  
**13 km N of Elbasan**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	24	302	EP		1429	6.775	0.01							1.0
TIR	HN	24	302	ES		1429	0.938	-0.02							1.0
TIR	HZ	24	302	IAML		1429	6.154		159	0.3					
LACI	HZ	56	324	EP		1429	0.844	-0.82							1.0
LACI	HE	56	324	ES		1429	9.691	-0.14							1.0
LACI	HZ	56	324	IAML		1429	0.458		110	0.3					
PHP	HZ	58	29	EP		1429	1.150	-0.87							1.0
PHP	HN	58	29	ES		1429	9.849	-0.63							1.0
PHP	HZ	58	29	IAML		1429	5.723		104	0.7					
BERA	HZ	60	193	EP		1429	2.315	-0.11							1.0
BERA	HE	60	193	ES		1429	1.137	-0.07							1.0
BERA	HZ	60	193	IAML		1429	1.908		105	0.4					
KBN	HZ	89	139	EP		1429	7.213	0.08							1.0
KBN	HN	89	139	ES		1430	0.052	0.31							1.0
KBN	HZ	89	139	IAML		1430	1.469		36	0.3					
PUK	HZ	92	349	EP		1429	7.951	0.25							1.0
PUK	HN	92	349	ES		1430	1.900	1.13							1.0
PUK	HZ	92	349	IAML		1430	5.842		18	0.2					
SDA	HZ	104	331	EP		1429	9.362	-0.31							1.0
SDA	HZ	104	331	IAML		1430	5.029		6	0.4					
TPE	HZ	104	184	EP		1429	9.976	0.25							1.0
TPE	HN	104	184	ES		1430	4.605	0.18							1.0
TPE	HZ	104	184	IAML		1430	7.367		49	0.8					
SDA	HN	104	331	ES		1430	4.957	0.63							1.0
NEST	HZ	121	139	EP		1429	2.321	-0.15							1.0
NEST	HE	121	139	ES		1430	9.139	-0.26							1.0
NEST	HZ	121	139	IAML		1430	4.702		35	0.5					
BCI	HZ	126	358	EP		1429	3.665	0.29							1.0
BCI	HN	126	358	ES		1430	1.100	0.07							1.0
BCI	HZ	126	358	IAML		1430	1.515		25	0.6					
LSK	HZ	127	161	EP		1429	3.611	0.06							1.0
LSK	HN	127	161	ES		1430	1.863	0.51							1.0
LSK	HZ	127	161	IAML		1430	4.641		49	0.7					
SRN	HZ	150	184	EP		1429	6.833	-0.36							1.0
SRN	HN	150	184	ES		1430	8.472	0.52							1.0
SRN	HZ	150	184	IAML		1430	5.761		14	0.4					
PDG	HZ	151	332	EP		1429	6.338	-0.90							1.0
PDG	HN	151	332	ES		1430	7.791	-0.23							1.0
PDG	HZ	151	332	IAML		1430	2.312		18	0.5					
KEK	HZ	171	189	EP		1430	0.280	0.24							0.9
KEK	HN	171	189	ES		1430	2.979	-0.12							0.9
KEK	HZ	171	189	IAML		1430	2.287		13	0.6					
KZN	HZ	174	126	EP		1430	0.700	0.16							0.9
KZN	HN	174	126	ES		1430	3.737	-0.27							0.9
SCTE	HZ	189	228	EP		1430	2.316	-0.10							0.9
SCTE	HN	189	228	ES		1430	7.106	-0.29							0.9
IGT	HZ	190	174	EP		1430	2.944	0.46							0.9
IGT	HE	190	174	ES		1430	8.810	1.30							0.9
IGT	HZ	190	174	IAML		1430	9.918		12	0.6					
BARS	BZ	226	38	EP		1430	9.534	2.40							0.9
BARS	BN	226	38	ES		1430	7.617	1.69							0.9

THL	HZ	246	138	EP		1430	9.633	-0.03									0.9
THL	HN	246	138	ES		1430	1.033	0.52									0.9
NOCI	HZ	261	260	EP		1430	1.148	-0.46									0.9
NOCI	HN	261	260	ES		1430	3.543	-0.49									0.9
LKD2	HZ	275	170	EP		1430	3.713	0.24									0.8
PLG	HZ	297	108	EP		1430	5.554	-0.75									0.8
PLG	HN	297	108	ES		1430	8.900	-3.64									0.8
MRVN	HZ	329	268	EP		1430	9.288	-1.09									0.8

**March 19 2023 Hour: 5:50 47.6 Lat: 40.37N Lon: 21.39E D: 14.2 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR 2.5MW TIR Rms: 0.5 secs**  
**44 km SE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NEST	HZ	29	279	EP		0550	3.356	-0.07							1.0
NEST	HN	29	279	ES		0550	8.026	-0.10							1.0
NEST	HZ	29	279	IAML		0551	0.317			101	0.4				
KZN	HZ	33	103	EP		0550	4.942	0.91							1.0
KZN	HE	33	103	ES		0550	9.198	-0.03							1.0
KBN	HZ	58	299	EP		0550	7.761	-0.34							1.0
KBN	HN	58	299	ES		0551	6.294	-0.29							1.0
KBN	HZ	58	299	IAML		0551	7.894			53	0.5				
LSK	HZ	72	250	EP		0550	9.612	-0.75							1.0
LSK	HN	72	250	ES		0551	9.788	-0.90							1.0
LSK	HZ	72	250	IAML		0551	7.806			37	0.6				
THL	HZ	104	149	EP		0551	4.995	-0.76							1.0
THL	HE	104	149	ES		0551	0.113	-0.33							1.0
TPE	HZ	117	266	EP		0551	8.375	0.50							1.0
TPE	HZ	117	266	IAML		0551	9.812			16	0.7				
BERA	HZ	127	287	EP		0551	0.349	0.77							1.0
BERA	HE	127	287	ES		0551	7.713	0.36							1.0
BERA	HZ	127	287	IAML		0551	1.313			25	0.4				
IGT	HN	130	224	ES		0551	8.622	0.48							1.0
SRN	HZ	130	246	EP		0551	0.624	0.54							1.0
SRN	HN	130	246	ES		0551	8.575	0.30							1.0
SRN	HZ	130	246	IAML		0551	5.906			12	1.6				
IGT	HZ	130	224	EP		0551	9.764	-0.25							1.0
IGT	HZ	130	224	IAML		0551	2.108			11	0.4				
KEK	HZ	154	242	EP		0551	4.533	0.47							1.0
PHP	HZ	166	332	EP		0551	4.798	-1.09							0.9
PHP	HZ	166	332	IAML		0551	7.034			9	1.5				
PLG	HZ	175	89	EP		0551	6.987	0.03							0.9
LKD2	HZ	187	200	EP		0551	8.896	0.36							0.9
PUK	HZ	224	326	EP		0551	3.714	0.38							0.9
PUK	HZ	224	326	IAML		0551	4.103			2	0.8				

**March 19 2023 Hour: 21:16 19.1 Lat: 38.93N Lon: 21.23E D: 13.0 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.6 secs**  
**121 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	52	253	EP		2116	9.101	0.53							1.0
LKD2	HE	52	253	ES		2116	6.088	-0.17							1.0
THL	HZ	98	43	EP		2116	5.899	-0.18							1.0
THL	HE	98	43	ES		2116	9.375	-0.46							1.0
VLS	HZ	101	214	EP		2116	5.809	-0.76							1.0
VLS	HN	101	214	ES		2116	0.162	-0.57							1.0
IGT	HZ	103	311	EP		2116	7.051	0.10							1.0
IGT	HE	103	311	ES		2116	1.415	-0.01							1.0
IGT	HZ	103	311	IAML		2116	6.509			11	0.3				
LSK	HZ	146	338	EP		2116	3.847	-0.39							1.0
LSK	HN	146	338	ES		2117	5.375	0.77							1.0
LSK	HZ	146	338	IAML		2117	6.653			11	0.8				
SRN	HZ	150	315	EP		2116	5.021	0.24							1.0
SRN	HE	150	315	ES		2117	5.999	0.41							1.0
SRN	HZ	150	315	IAML		2117	1.375			7	3.0				

KEK	HZ	151	306	EP	2116	4.897	-0.15									1.0
KEK	HN	151	306	ES	2117	6.217	0.14									1.0
KEK	HZ	151	306	IAML	2117	0.454				15	0.6					
NEST	HZ	166	355	EP	2116	7.763	0.29									0.9
NEST	HE	166	355	ES	2117	1.030	0.56									0.9
NEST	HZ	166	355	IAML	2117	4.255				13	1.0					
TPE	HZ	184	326	EP	2116	0.364	0.59									0.9
TPE	HN	184	326	ES	2117	2.865	-1.76									0.9
ITM	HZ	203	162	EP	2116	2.892	0.66									0.9
ITM	HE	203	162	ES	2117	0.199	1.12									0.9
PLG	HZ	248	49	EP	2116	7.208	-0.82									0.9

**March 19 2023 Hour: 21:50 30.3 Lat: 40.19N Lon: 20.67E D: 3.7 Ag: TIR Local**  
**Magnitudes: 2.5ML TIR 3.1MW TIR Rms: 0.7 secs**  
**19 km S of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	8	235	EP		2150	2.327	0.44							1.0
LSK	HE	8	235	ES		2150	3.435	0.26							1.0
LSK	HZ	8	235	IAML		2150	4.365			6254	0.3				
NEST	HZ	41	52	EP		2150	7.784	0.15							1.0
NEST	HE	41	52	ES		2150	3.135	-0.43							1.0
NEST	HZ	41	52	IAML	A	2150	8.647			318	0.3				
KBN	HZ	49	12	EP		2150	9.309	0.17							1.0
KBN	HE	49	12	ES		2150	6.353	0.05							1.0
KBN	HZ	49	12	IAML		2151	4.629			141	1.2				
TPE	HZ	57	282	EP		2150	0.220	-0.29							1.0
TPE	HE	57	282	ES		2150	8.235	-0.55							1.0
TPE	HZ	57	282	IAML		2150	4.914			227	0.6				
SRN	HZ	67	239	EP		2150	1.981	-0.26							1.0
SRN	HE	67	239	ES		2150	1.635	-0.27							1.0
SRN	HZ	67	239	IAML		2150	3.153			92	0.5				
IGT	HZ	78	202	EP		2150	4.895	0.57							1.0
IGT	HN	78	202	ES		2150	5.339	-0.35							1.0
IGT	HZ	78	202	IAML		2150	7.889			73	0.6				
BERA	HZ	84	313	EP		2150	4.096	-1.17							1.0
BERA	HE	84	313	ES		2150	7.243	-0.15							1.0
BERA	HZ	84	313	IAML		2151	8.062			80	0.6				
KEK	HZ	91	235	EP		2150	6.353	-0.29							1.0
KEK	HN	91	235	ES		2151	0.359	0.49							1.0
KEK	HZ	91	235	IAML		2151	0.743			70	0.7				
KZN	HZ	95	82	EP		2150	6.866	-0.33							1.0
KZN	HE	95	82	ES		2151	0.514	-0.36							1.0
VLO	HZ	105	288	EP		2150	9.677	0.75							1.0
VLO	HZ	105	288	IAML		2151	2.127			110	0.6				
BPA2	HZ	108	304	EP		2150	9.902	0.48							1.0
THL	HZ	134	121	EP		2150	3.580	-0.27							1.0
THL	HN	134	121	ES		2151	2.905	-0.01							1.0
TIR	HZ	146	332	EP		2150	6.090	0.33							1.0
LKD2	HZ	155	180	EP		2150	7.972	0.56							1.0
LKD2	HE	155	180	ES		2151	9.931	0.56							1.0
PHP	HZ	167	353	EP		2150	9.545	0.15							0.9
PHP	HN	167	353	ES		2151	3.069	0.11							0.9
PHP	HZ	167	353	IAML		2151	0.608			31	0.6				
LACI	HZ	180	334	EP		2151	2.165	0.73							0.9
LACI	HN	180	334	ES		2151	6.866	0.21							0.9
LACI	HZ	180	334	IAML		2151	3.478			18	0.6				
SCTE	HZ	188	267	EP		2151	2.165	-0.43							0.9
SCTE	HN	188	267	ES		2151	6.367	-2.39							0.9
PUK	HZ	216	343	EP		2151	8.028	1.78							0.9
PUK	HN	216	343	ES		2151	6.347	0.98							0.9
PUK	HZ	216	343	IAML		2151	1.066			7	0.7				
VLS	HZ	223	182	EP		2151	7.258	0.12							0.9
VLS	HN	223	182	ES		2151	7.470	0.50							0.9
PLG	HZ	237	84	EP		2151	7.721	-1.14							0.9



BCI	HZ	247	348	EP		2151	0.520	0.33								0.9
BCI	HZ	247	348	IAML		2151	8.078		15	0.7						
BOSS	SZ	297	30	EP		2151	5.643	-0.97								0.8

**March 19 2023 Hour: 22:32 30.1 Lat: 38.95N Lon: 21.25E D: 4.1 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR Rms: 0.6 secs**  
**121 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	54	251	EP		2232	0.478	0.65							1.0
LKD2	HN	54	251	ES		2232	8.632	0.96							1.0
THL	HZ	95	44	EP		2232	7.465	0.27							1.0
THL	HE	95	44	ES		2233	1.153	0.14							1.0
IGT	HZ	102	310	EP		2232	8.658	0.29							1.0
IGT	HE	102	310	ES		2233	3.573	0.44							1.0
IGT	HZ	102	310	IAML		2233	9.574		11	0.2					
VLS	HZ	103	214	EP		2232	7.484	-0.96							1.0
VLS	HN	103	214	ES		2233	1.747	-1.52							1.0
LSK	HZ	145	338	EP		2232	5.051	-0.44							1.0
LSK	HN	145	338	ES		2233	5.851	-0.17							1.0
LSK	HZ	145	338	IAML		2233	2.765		13	1.2					
SRN	HZ	149	314	EP		2232	6.055	-0.11							1.0
SRN	HN	149	314	ES		2233	7.113	-0.14							1.0
SRN	HZ	149	314	IAML		2233	8.001		5	0.5					
KEK	HZ	151	305	EP		2232	6.534	0.03							1.0
KEK	HN	151	305	ES		2233	7.594	-0.26							1.0
KEK	HZ	151	305	IAML		2233	2.120		14	0.5					
KZN	HZ	158	16	EP		2232	7.738	0.12							0.9
KZN	HN	158	16	ES		2233	9.918	0.04							0.9
NEST	HZ	164	354	EP		2232	8.286	-0.40							0.9
NEST	HN	164	354	ES		2233	1.529	-0.28							0.9
NEST	HZ	164	354	IAML		2233	5.887		13	0.9					
TPE	HZ	183	325	EP		2233	1.844	0.08							0.9
TPE	HN	183	325	ES		2233	7.358	-0.02							0.9
TPE	HZ	183	325	IAML		2233	5.896		8	0.7					
ITM	HZ	205	163	EP		2233	4.943	0.39							0.9
ITM	HE	205	163	ES		2233	3.806	1.37							0.9
BERA	HZ	224	331	EP		2233	6.860	-0.16							0.9
BERA	HN	224	331	ES		2233	7.468	0.57							0.9
BERA	HZ	224	331	IAML		2233	4.859		4	1.0					
PLG	HZ	246	49	EP		2233	9.010	-0.87							0.9

**March 20 2023 Hour: 4:10 9.4 Lat: 42.84N Lon: 20.45E D: 2.4 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR Rms: 0.6 secs**  
**61 km NE of Bajram\_Curri**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BCI	HZ	61	211	EP		0410	0.767	0.43							1.0
BCI	HN	61	211	ES		0410	9.040	-0.18							1.0
BCI	HZ	61	211	IAML		0410	2.457		75	0.8					
PUK	HZ	100	207	EP		0410	7.032	-0.18							1.0
PUK	HN	100	207	ES		0410	1.386	-0.28							1.0
PUK	HZ	100	207	IAML		0410	4.148		29	0.6					
PDG	HZ	108	245	EP		0410	8.850	0.29							1.0
PDG	HN	108	245	ES		0410	3.458	-0.65							1.0
PDG	HZ	108	245	IAML		0410	4.596		29	0.6					
BARS	BZ	112	91	EP		0410	0.294	0.99							1.0
BARS	BN	112	91	ES		0410	4.884	-0.57							1.0
SDA	HZ	118	222	EP		0410	0.220	-0.01							1.0
SDA	HN	118	222	ES		0410	7.388	0.27							1.0
SDA	HZ	118	222	IAML		0410	7.293		4	0.4					
PHP	HZ	129	180	EP		0410	1.730	-0.38							1.0
PHP	HN	129	180	ES		0410	8.880	-1.64							1.0
PHP	HZ	129	180	IAML		0410	2.259		19	0.3					
LACI	HZ	147	204	EP		0410	5.198	0.09							1.0
LACI	HN	147	204	ES		0410	6.118	0.17							1.0

LACI	HZ	147	204	IAML	0411	1.896			14	0.5				
BOSS	SZ	169	102	EP	0410	9.190	0.27							0.9
TIR	HZ	173	196	EP	0410	9.936	0.48							0.9
TIR	HE	173	196	ES	0411	5.003	1.18							0.9
TIR	HZ	173	196	IAML	0411	6.449			8	0.5				
BERA	HZ	241	190	EP	0410	9.490	0.88							0.9
BERA	HN	241	190	ES	0411	0.713	0.31							0.9
BERA	HZ	241	190	IAML	0411	7.134			5	0.7				
KBN	HZ	248	173	EP	0410	9.265	-0.31							0.9
KBN	HZ	248	173	IAML	0411	2.187			4	0.8				
NEST	HZ	274	169	EP	0410	2.638	-0.33							0.8
NEST	HN	274	169	ES	0411	8.339	0.06							0.8
NEST	HZ	274	169	IAML	0411	8.556			8	0.9				
TPE	HZ	285	187	EP	0410	4.041	-0.23							0.8
LSK	HZ	299	178	EP	0410	6.261	0.10							0.8
LSK	HN	299	178	ES	0411	4.477	0.41							0.8
LSK	HZ	299	178	IAML	0411	0.963			5	0.9				
BZS	HZ	323	17	EP	0410	8.259	-0.84							0.8
NVR	HZ	328	119	EP	0410	9.734	-0.05							0.8
MRVN	HZ	404	242	EP	0411	9.195	-0.37							0.7

**March 20 2023 Hour: 20:50 57.2 Lat: 38.90N Lon: 21.27E D: 18.6 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR Rms: 0.4 secs**

**125 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	55	257	EP		2051	7.574	0.30							1.0
LKD2	HE	55	257	ES		2051	5.166	-0.25							1.0
THL	HZ	97	41	EP		2051	4.178	-0.04							1.0
THL	HE	97	41	ES		2051	8.243	0.25							1.0
VLS	HZ	100	217	EP		2051	4.381	-0.34							1.0
VLS	HN	100	217	ES		2051	8.953	0.05							1.0
IGT	HZ	107	311	EP		2051	5.763	-0.08							1.0
IGT	HE	107	311	ES		2051	0.616	-0.32							1.0
IGT	HZ	107	311	IAML		2051	6.748			20	0.5				
LSK	HZ	150	337	EP		2051	2.592	-0.20							1.0
LSK	HN	150	337	ES		2051	3.140	-0.37							1.0
LSK	HZ	150	337	IAML		2051	6.699			26	0.6				
SRN	HZ	154	315	EP		2051	3.841	0.48							1.0
SRN	HE	154	315	ES		2051	4.678	0.13							1.0
SRN	HZ	154	315	IAML		2051	7.648			10	0.6				
KEK	HZ	156	306	EP		2051	3.856	0.23							1.0
KEK	HN	156	306	ES		2051	5.430	0.40							1.0
KEK	HZ	156	306	IAML		2051	8.131			26	0.5				
KZN	HZ	162	15	EP		2051	4.351	-0.10							0.9
KZN	HE	162	15	ES		2051	5.776	-0.75							0.9
NEST	HZ	169	354	EP		2051	5.834	0.42							0.9
NEST	HE	169	354	ES		2051	8.645	0.38							0.9
NEST	HZ	169	354	IAML		2051	3.725			16	0.5				
TPE	HZ	188	325	EP		2051	7.985	0.16							0.9
ITM	HZ	200	163	EP		2051	3.880	4.57							0.0
BERA	HZ	230	331	EP		2051	2.830	-0.26							0.9
PLG	HZ	248	48	EP		2051	5.525	0.06							0.9
SCTE	HZ	274	299	EP		2051	6.771	-2.01							0.2

**March 20 2023 Hour: 21:11 11.0 Lat: 38.90N Lon: 21.28E D: 12.4 Ag: TIR Local**  
**Magnitudes: 3.2ML TIR 3.6MW TIR Rms: 0.5 secs**

**126 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	56	257	EP		2101	1.175	0.19							1.0
LKD2	HE	56	257	ES		2101	9.249	0.16							1.0
THL	HZ	97	40	EP		2101	7.909	0.05							1.0
THL	HE	97	40	ES		2101	1.696	0.15							1.0
VLS	HZ	100	217	EP		2101	8.077	-0.37							1.0
VLS	HN	100	217	ES		2101	2.793	0.19							1.0

IGT	HZ	108	311	EP	2101	9.734	0.06										1.0
IGT	HE	108	311	ES	2101	4.798	-0.03										1.0
IGT	HZ	108	311	IAML	2101	0.150			218	0.5							
LSK	HZ	151	337	EP	2101	6.513	-0.32										1.0
LSK	HE	151	337	ES	2101	8.245	0.47										1.0
LSK	HZ	151	337	IAML	2102	2.494			268	0.6							
SRN	HZ	155	315	EP	2101	7.803	0.31										1.0
SRN	HE	155	315	ES	2101	8.554	-0.42										1.0
SRN	HZ	155	315	IAML	2102	9.120			94	0.9							
KEK	HZ	156	306	EP	2101	7.801	0.03										1.0
KEK	HN	156	306	ES	2101	9.597	0.11										1.0
KEK	HZ	156	306	IAML	2102	3.589			250	0.5							
KZN	HZ	162	15	EP	2101	8.693	0.03										0.9
KZN	HN	162	15	ES	2102	0.382	-0.72										0.9
NEST	HZ	169	353	EP	2101	0.152	0.28										0.9
NEST	HE	169	353	ES	2102	3.703	0.42										0.9
NEST	HZ	169	353	IAML	2102	8.076			191	0.6							
TPE	HZ	189	325	EP	2101	2.473	0.15										0.9
TPE	HN	189	325	ES	2102	7.785	0.07										0.9
TPE	HZ	189	325	IAML	2102	7.627			187	0.7							
KBN	HZ	196	348	EP	2101	2.944	-0.31										0.9
KBN	HE	196	348	ES	2102	9.637	0.23										0.9
KBN	HZ	196	348	IAML	2102	5.004			118	0.8							
ITM	HZ	199	163	EP	*2101	7.379	3.73										0.0
ITM	HN	199	163	ES	2102	4.188	0.33										0.9
BERA	HZ	230	331	EP	2101	7.877	0.30										0.9
BERA	HZ	230	331	IAML	2102	6.432			55	0.5							
THE	HZ	240	36	EP	2101	9.055	0.20										0.9
PLG	HZ	247	48	EP	2101	9.720	-0.10										0.9
SCTE	HZ	275	299	EP	2101	1.746	-1.55										0.4
PHP	HZ	317	347	EP	2101	8.756	-0.04										0.8
PHP	HZ	317	347	IAML	2102	0.892			24	0.8							
LACI	HZ	332	337	EP	2101	9.791	-0.77										0.8
LACI	HZ	332	337	IAML	2102	9.731			27	1.1							
NVR	HZ	350	38	EP	2102	3.306	0.35										0.8
PUK	HZ	368	342	EP	2102	4.989	-0.37										0.8
PUK	HZ	368	342	IAML	2102	5.412			14	0.7							
BCI	HZ	398	345	EP	2102	9.261	0.09										0.7
BCI	HZ	398	345	IAML	2102	9.497			21	0.6							
BOSS	SZ	412	14	EP	2102	1.545	0.63										0.7
NOCI	HZ	417	301	EP	2102	9.501	-2.10										0.2
BARS	BZ	437	6	EP	2102	4.015	-0.12										0.7
RDO	HZ	440	54	EP	2102	3.898	-0.61										0.7
MRVN	HZ	496	301	EP	2102	9.140	-2.59										0.2
SGRT	HZ	567	306	EP	2102	7.694	-2.91										0.1

March 20 2023 Hour: 22:45 27.9 Lat: 38.90N Lon: 21.26E D: 23.9 Ag: TIR Local  
Magnitudes: 2.0ML TIR Rms: 0.3 secs  
125 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	54	257	EP		2245	8.076	0.01							1.0
LKD2	HE	54	257	ES		2245	6.290	-0.01							1.0
THL	HZ	98	41	EP		2245	5.158	0.19							1.0
THL	HN	98	41	ES		2245	8.504	-0.29							1.0
VLS	HZ	100	216	EP		2245	4.845	-0.37							1.0
VLS	HE	100	216	ES		2245	9.405	0.17							1.0
IGT	HZ	107	311	EP		2245	6.076	-0.24							1.0
IGT	HN	107	311	ES		2246	1.426	0.19							1.0
IGT	HZ	107	311	IAML		2246	3.878			12	0.3				
LSK	HZ	150	338	EP		2245	2.611	-0.48							1.0
LSK	HE	150	338	ES		2246	3.436	-0.07							1.0
LSK	HZ	150	338	IAML		2246	8.488			13	0.8				
SRN	HZ	154	315	EP		2245	3.543	0.08							1.0
SRN	HN	154	315	ES		2246	3.532	-0.65							1.0

SRN	HZ	154	315	IAML	2246	7.914			5	0.4					
KEK	HZ	155	306	EP	2245	3.941	0.26								1.0
KEK	HN	155	306	ES	2246	4.415	-0.15								1.0
KEK	HZ	155	306	IAML	2246	1.876			14	0.5					
KZN	HZ	162	15	EP	2245	4.520	-0.12								0.9
KZN	HE	162	15	ES	2246	6.136	-0.16								0.9
NEST	HZ	169	354	EP	2245	5.691	0.14								0.9
NEST	HE	169	354	ES	2246	8.514	0.55								0.9
NEST	HZ	169	354	IAML	2246	4.394			8	0.4					
TPE	HZ	188	326	EP	2245	8.878	0.97								0.9
PLG	HZ	249	48	EP	2246	5.802	0.11								0.9

**March 20 2023 Hour: 22:46 11.2 Lat: 38.91N Lon: 21.25E D: 24.2 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.3 secs**  
**124 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	53	256	EP		2246	1.188	0.01							1.0
LKD2	HE	53	256	ES		2246	8.869	-0.41							1.0
THL	HZ	99	42	EP		2246	8.678	0.38							1.0
THL	HN	99	42	ES		2246	1.682	-0.48							1.0
VLS	HZ	99	215	EP		2246	8.403	-0.05							1.0
VLS	HE	99	215	ES		2246	2.537	0.08							1.0
IGT	HZ	105	312	EP		2246	9.714	0.35							1.0
IGT	HE	105	312	ES		2246	4.254	0.15							1.0
IGT	HZ	105	312	IAML		2246	1.011			14	0.5				
LSK	HZ	149	338	IAML		2247	5.490			11	0.7				
SRN	HZ	152	316	EP		2246	6.768	0.24							1.0
SRN	HE	152	316	ES		2246	6.757	-0.32							1.0
SRN	HZ	152	316	IAML		2247	0.568			4	0.5				
KEK	HZ	154	306	EP		2246	6.803	0.06							1.0
KEK	HZ	154	306	IAML		2247	2.828			11	0.5				

**March 21 2023 Hour: 0:9 41.2 Lat: 38.94N Lon: 21.26E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.9ML TIR 3.5MW TIR Rms: 0.7 secs**  
**122 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	55	253	EP		0009	1.350	0.26							1.0
LKD2	HN	55	253	ES		0009	9.431	0.33							1.0
THL	HZ	95	43	EP		0009	8.735	0.95							1.0
THL	HN	95	43	ES		0010	0.936	-0.28							1.0
VLS	HZ	103	215	EP		0009	8.023	-1.02							1.0
VLS	HE	103	215	ES		0010	2.281	-1.21							1.0
IGT	HZ	104	310	EP		0009	9.276	0.03							1.0
IGT	HE	104	310	ES		0010	4.172	0.32							1.0
IGT	HZ	104	310	IAML		0010	8.844			79	0.4				
LSK	HZ	146	337	EP		0010	6.012	-0.32							1.0
LSK	HE	146	337	ES		0010	6.989	0.31							1.0
LSK	HZ	146	337	IAML		0010	1.441			115	0.7				
SRN	HZ	151	314	EP		0010	7.722	0.68							1.0
SRN	HN	151	314	ES		0010	7.845	-0.12							1.0
SRN	HZ	151	314	IAML		0010	0.551			32	0.7				
KEK	HZ	153	305	EP		0010	7.317	-0.06							1.0
KEK	HN	153	305	ES		0010	8.864	0.29							1.0
KEK	HZ	153	305	IAML		0010	2.898			120	0.4				
KZN	HZ	158	16	EP		0010	9.017	0.69							0.9
KZN	HN	158	16	ES		0010	8.864	-1.44							0.9
NEST	HZ	165	354	EP		0010	9.665	0.19							0.9
NEST	HE	165	354	ES		0010	2.089	-0.29							0.9
NEST	HZ	165	354	IAML		0010	6.622			91	0.9				
TPE	HZ	185	325	EP		0010	1.983	-0.17							0.9
TPE	HZ	185	325	IAML		0010	6.591			79	0.8				
KBN	HZ	192	348	EP		0010	4.186	1.10							0.9
KBN	HE	192	348	ES		0010	9.305	0.39							0.9
KBN	HZ	192	348	IAML		0010	4.284			51	0.7				

ITM	HZ	204	163	EP	0010	6.493	1.90										0.9
ITM	HN	204	163	ES	0010	1.852	0.22										0.9
BERA	HZ	226	331	EP	0010	7.122	-0.28										0.9
VLO	HZ	228	319	EP	0010	7.227	-0.40										0.9
VLO	HZ	228	319	IAML	0011	3.581				45	0.5						
PLG	HZ	246	49	EP	0010	9.429	-0.60										0.9
PHP	HZ	313	347	EP	0010	8.029	-0.60										0.8
PHP	HZ	313	347	IAML	0011	2.415				12	1.3						
PUK	HZ	364	342	EP	0010	4.102	-1.08										0.8
PUK	HZ	364	342	IAML	0011	6.151				4	0.9						
BCI	HZ	394	346	EP	0010	8.669	-0.33										0.7
BCI	HZ	394	346	IAML	0011	6.906				10	1.7						

**March 21 2023 Hour: 0:20 13.8 Lat: 38.95N Lon: 21.27E D: 13.0 Ag: TIR Local**  
**Magnitudes: 4.6ML TIR 4.7MW TIR Rms: 0.7 secs**

**122 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	56	252	EP		0020	4.113	0.21							1.0
LKD2	HN	56	252	ES		0020	2.435	0.36							1.0
THL	HZ	94	43	EP		0020	1.142	0.97							1.0
THL	HE	94	43	ES		0020	3.723	0.30							1.0
VLS	HZ	104	215	EP		0020	1.142	-0.73							1.0
IGT	HN	104	309	ES		0020	6.446	-0.03							1.0
VLS	HN	104	215	ES		0020	5.770	-0.75							1.0
IGT	HZ	104	309	EP		0020	1.985	0.13							1.0
IGT	HZ	104	309	IAML		0020	1.525			5640	1.2				
LSK	HZ	146	337	EP		0020	8.803	-0.03							1.0
LSK	HN	146	337	ES		0020	8.952	-0.15							1.0
LSK	HZ	146	337	IAML		0021	8.303			6040	0.7				
SRN	HZ	151	314	EP		0020	9.452	-0.18							1.0
SRN	HZ	151	314	IAML		0021	0.682			2479	0.7				
KEK	HZ	153	304	EP		0020	9.658	-0.34							1.0
KEK	HN	153	304	ES		0021	1.582	0.36							1.0
KEK	HZ	153	304	IAML		0021	7.890			6810	1.0				
KZN	HZ	157	16	EP		0020	1.003	0.27							1.0
KZN	HN	157	16	ES		0021	2.375	-0.16							1.0
NEST	HZ	164	353	EP		0020	2.347	0.43							0.9
NEST	HE	164	353	ES		0021	5.098	0.41							0.9
NEST	HZ	164	353	IAML		0021	7.403			3192	0.9				
TPE	HZ	184	325	EP		0020	4.726	0.23							0.9
TPE	HN	184	325	ES		0021	0.765	1.40							0.9
TPE	HZ	184	325	IAML		0021	4.570			4017	0.9				
KBN	HZ	191	348	EP		0020	5.760	0.38							0.9
KBN	HN	191	348	ES		0021	1.317	0.37							0.9
KBN	HZ	191	348	IAML		0021	7.093			3496	0.7				
ITM	HZ	204	164	EP		0020	8.448	1.37							0.9
ITM	HE	204	164	ES		0021	5.071	1.03							0.9
BERA	HZ	225	330	EP		0020	0.000	0.26							0.9
BERA	HN	225	330	ES		0021	8.714	-0.13							0.9
BERA	HZ	225	330	IAML		0021	5.604			1928	0.6				
VLO	HZ	227	319	EP		0020	0.000	0.01							0.9
VLO	HZ	227	319	IAML		0021	1.674			2653	0.6				
THE	HZ	237	37	EP		0020	1.034	-0.15							0.9
THE	HN	237	37	ES		0021	1.142	-0.32							0.9
THE	HZ	237	37	IAML		0021	0.226			416	1.0				
BPA2	HZ	243	325	EP		0020	2.481	0.46							0.9
PLG	HZ	245	49	EP		0020	1.654	-0.60							0.9
PLG	HN	245	49	ES		0021	1.805	-1.60							0.9
SCTE	HZ	272	298	EP		0020	3.826	-1.83							0.9
TIR	HZ	292	336	EP		0020	8.272	-0.05							0.8
TIR	HZ	292	336	IAML		0021	9.846			850	3.7				
PHP	HZ	312	347	EP		0021	1.027	0.11							0.8
PHP	HZ	312	347	IAML		0022	4.801			755	1.4				
LACI	HZ	327	337	EP		0021	2.043	-0.66							0.8

LACI	HZ	327	337	IAML	0022	1.176			899	0.7				
NVR	HZ	346	39	EP	0021	5.135	-0.17							0.8
PUK	HZ	363	342	EP	0021	6.983	-0.50							0.8
PUK	HZ	363	342	IAML	0021	9.846			292	0.7				
SDA	HZ	376	337	EP	0021	7.718	-1.30							0.8
BCI	HZ	393	345	EP	0021	1.644	0.35							0.7
BCI	HZ	393	345	IAML	0022	5.918			667	0.9				
PDG	HZ	422	337	EP	0021	3.523	-1.46							0.7

**March 21 2023 Hour: 0:29 0.2 Lat: 38.95N Lon: 21.24E D: 22.1 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR Rms: 0.5 secs**  
**120 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	54	251	EP		0029	0.060	-0.20							1.0
LKD2	HN	54	251	ES		0029	8.304	-0.06							1.0
JAN	HZ	86	337	EP		0029	5.947	0.51							1.0
JAN	HE	86	337	ES		0029	7.090	-0.65							1.0
THL	HZ	96	44	EP		0029	7.160	0.15							1.0
THL	HE	96	44	ES		0029	0.044	-0.54							1.0
IGT	HZ	102	310	EP		0029	7.778	-0.22							1.0
IGT	HE	102	310	ES		0029	2.511	0.13							1.0
IGT	HZ	102	310	IAML		0029	6.019			17	0.2				
VLS	HZ	103	214	EP		0029	8.332	0.21							1.0
VLS	HE	103	214	ES		0029	1.523	-1.08							1.0
LSK	HZ	144	338	EP		0029	4.656	-0.11							1.0
LSK	HN	144	338	ES		0029	4.451	-0.18							1.0
LSK	HZ	144	338	IAML		0029	2.650			29	0.5				
SRN	HZ	149	315	EP		0029	5.649	0.28							1.0
SRN	HE	149	315	ES		0029	5.772	0.06							1.0
SRN	HZ	149	315	IAML		0029	9.605			9	0.4				
KEK	HZ	151	305	EP		0029	6.103	0.46							1.0
KEK	HE	151	305	ES		0029	5.709	-0.51							1.0
KEK	HZ	151	305	IAML		0029	5.301			32	0.6				
KZN	HZ	158	17	EP		0029	6.997	0.38							0.9
KZN	HE	158	17	ES		0029	7.120	-0.87							0.9
NEST	HZ	164	354	EP		0029	7.768	0.34							0.9
NEST	HN	164	354	ES		0029	9.254	-0.19							0.9
NEST	HZ	164	354	IAML		0029	5.696			19	0.5				
TPE	HZ	183	325	EP		0029	0.463	0.68							0.9
TPE	HN	183	325	ES		0029	4.290	0.59							0.9
TPE	HZ	183	325	IAML		0030	5.066			15	0.6				
KBN	HZ	190	348	EP		0029	1.426	0.65							0.9
KBN	HZ	190	348	IAML		0030	4.481			9	0.7				
ITM	HZ	205	163	EP		0029	3.448	0.78							0.9
BERA	HZ	224	331	EP		0029	5.181	0.14							0.9
PLG	HZ	247	49	EP		0029	7.540	-0.45							0.9

**March 21 2023 Hour: 0:34 31.9 Lat: 38.91N Lon: 21.21E D: 12.2 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR Rms: 0.7 secs**  
**121 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	50	255	EP		0034	0.968	-0.02							1.0
LKD2	HN	50	255	ES		0034	8.820	0.47							1.0
JAN	HZ	89	339	EP		0034	6.839	-0.62							1.0
JAN	HN	89	339	ES		0035	0.505	0.44							1.0
VLS	HZ	98	214	EP		0034	9.396	0.50							1.0
VLS	HE	98	214	ES		0035	2.401	-0.27							1.0
THL	HZ	100	43	EP		0034	9.344	-0.01							1.0
THL	HE	100	43	ES		0035	2.826	-0.68							1.0
IGT	HZ	103	313	EP		0034	9.396	-0.40							1.0
IGT	HN	103	313	ES		0035	4.385	0.08							1.0
IGT	HZ	103	313	IAML		0035	1.327			19	0.3				
LSK	HZ	148	339	EP		0034	7.690	0.39							1.0
LSK	HN	148	339	ES		0035	8.753	0.88							1.0

LSK	HZ	148	339	IAML	0035	7.098			24	0.5					
SRN	HZ	150	316	EP	0034	7.738	0.08								1.0
SRN	HN	150	316	ES	0035	6.964	-1.57								1.0
SRN	HZ	150	316	IAML	0035	2.329			9	0.4					
KEK	HZ	151	307	EP	0034	8.168	0.32								1.0
KEK	HE	151	307	ES	0035	8.211	-0.66								1.0
KEK	HZ	151	307	IAML	0035	7.682			23	0.6					
KZN	HZ	163	17	EP	0035	0.714	0.96								0.9
NEST	HZ	168	355	EP	0035	1.418	0.76								0.9
NEST	HN	168	355	ES	0035	4.714	0.75								0.9
NEST	HZ	168	355	IAML	0035	8.688			13	0.5					
PLG	HZ	251	49	EP	0035	0.276	-1.00								0.9
PUK	HZ	366	343	EP	0035	5.307	-0.70								0.8

**March 21 2023 Hour: 0:41 17.0 Lat: 38.94N Lon: 21.22E D: 8.2 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.5 secs**  
**120 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	52	252	EP		0041	6.905	0.53							1.0
LKD2	HE	52	252	ES		0041	3.562	-0.40							1.0
JAN	HZ	86	338	EP		0041	2.294	-0.03							1.0
JAN	HE	86	338	ES		0041	4.059	-0.66							1.0
THL	HZ	98	44	EP		0041	4.293	0.11							1.0
THL	HN	98	44	ES		0041	7.386	-0.71							1.0
VLS	HZ	101	214	EP		0041	4.003	-0.69							1.0
VLS	HN	101	214	ES		0041	8.872	-0.14							1.0
IGT	HZ	102	311	EP		0041	5.285	0.44							1.0
IGT	HE	102	311	ES		0041	9.251	-0.05							1.0
IGT	HZ	102	311	IAML		0041	6.810		20	0.5					
LSK	HZ	145	338	EP		0041	1.786	-0.37							1.0
LSK	HE	145	338	ES		0042	2.915	0.39							1.0
LSK	HZ	145	338	IAML		0042	4.638		10	0.7					
SRN	HZ	149	315	EP		0041	2.472	-0.21							1.0
SRN	HE	149	315	ES		0042	3.123	-0.35							1.0
SRN	HZ	149	315	IAML		0042	8.478		7	1.6					
KEK	HZ	150	306	EP		0041	3.270	0.32							1.0
KEK	HE	150	306	ES		0042	3.514	-0.45							1.0
KEK	HZ	150	306	IAML		0042	8.821		20	1.9					
NEST	HZ	165	355	EP		0041	5.985	0.53							0.9
NEST	HE	165	355	ES		0042	8.821	0.32							0.9
NEST	HZ	165	355	IAML		0042	2.071		8	0.4					
TPE	HZ	183	326	EP		0041	8.576	0.47							0.9
KBN	HZ	191	349	EP		0041	0.448	1.25							0.9
ITM	HZ	204	162	EP		0041	1.493	0.65							0.9
BERA	HZ	225	331	EP		0041	3.764	0.37							0.9
PLG	HZ	249	49	EP		0041	5.435	-1.10							0.9

**March 21 2023 Hour: 0:43 29.2 Lat: 38.94N Lon: 21.24E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.6ML TIR Rms: 0.4 secs**  
**121 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	53	252	EP		0043	9.050	0.21							1.0
LKD2	HE	53	252	ES		0043	6.776	0.16							1.0
JAN	HZ	86	337	EP		0043	4.428	0.08							1.0
JAN	HE	86	337	ES		0043	6.449	-0.14							1.0
THL	HZ	96	44	EP		0043	6.492	0.50							1.0
THL	HE	96	44	ES		0043	9.121	-0.45							1.0
IGT	HZ	102	310	EP		0043	7.071	0.08							1.0
IGT	HE	102	310	ES		0044	1.641	0.27							1.0
IGT	HZ	102	310	IAML		0044	9.073		65	0.5					
VLS	HZ	102	214	EP		0043	6.408	-0.53							1.0
VLS	HN	102	214	ES		0044	0.390	-0.89							1.0
LSK	HZ	145	338	EP		0043	3.778	-0.41							1.0
LSK	HE	145	338	ES		0044	4.212	-0.18							1.0

LSK	HZ	145	338	IAML	0044	0.614			50	0.7					
SRN	HZ	149	315	EP	0043	5.357	0.55								1.0
SRN	HE	149	315	ES	0044	5.185	-0.33								1.0
SRN	HZ	149	315	IAML	0044	2.678			18	0.8					
KEK	HZ	151	305	EP	0043	5.357	0.25								1.0
KEK	HN	151	305	ES	0044	6.242	0.17								1.0
KEK	HZ	151	305	IAML	0044	2.071			57	0.5					
KZN	HZ	158	17	EP	0043	6.085	-0.31								0.9
NEST	HZ	164	354	EP	0043	7.542	0.12								0.9
NEST	HN	164	354	ES	0044	9.764	-0.48								0.9
NEST	HZ	164	354	IAML	0044	7.535			26	0.5					
TPE	HZ	183	325	EP	0044	0.356	0.35								0.9
TPE	HN	183	325	ES	0044	4.596	-0.33								0.9
TPE	HZ	183	325	IAML	0044	8.342			33	0.8					
KBN	HZ	191	348	EP	0044	1.736	0.71								0.9
KBN	HN	191	348	ES	0044	6.922	0.15								0.9
KBN	HZ	191	348	IAML	0044	3.728			11	0.9					
ITM	HZ	205	163	EP	0044	3.729	0.99								0.9
BERA	HZ	225	331	EP	0044	5.192	-0.08								0.9
BERA	HZ	225	331	IAML	0044	6.114			17	0.4					
PLG	HZ	247	49	EP	0044	7.923	-0.30								0.9

**March 21 2023 Hour: 0:47 51.6 Lat: 38.95N Lon: 21.21E D: 10.0 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR Rms: 0.7 secs**  
**119 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	51	250	EP		0048	1.036	0.12							1.0
LKD2	HE	51	250	ES		0048	8.748	0.25							1.0
JAN	HZ	85	338	EP		0048	6.142	-0.38							1.0
JAN	HN	85	338	ES		0048	8.773	0.14							1.0
THL	HZ	97	45	EP		0048	8.276	-0.30							1.0
THL	HE	97	45	ES		0048	1.007	-1.35							1.0
IGT	HZ	100	311	EP		0048	9.233	0.19							1.0
IGT	HE	100	311	ES		0048	3.745	0.53							1.0
IGT	HZ	100	311	IAML		0048	0.800			35	0.4				
VLS	HZ	101	213	EP		0048	9.116	-0.10							1.0
VLS	HN	101	213	ES		0048	2.536	-0.98							1.0
LSK	HZ	144	339	EP		0048	6.291	-0.06							1.0
LSK	HN	144	339	ES		0048	7.239	0.80							1.0
LSK	HZ	144	339	IAML		0048	2.756			30	0.7				
SRN	HZ	147	315	EP		0048	7.400	0.53							1.0
SRN	HN	147	315	ES		0048	6.178	-1.20							1.0
SRN	HZ	147	315	IAML		0048	4.877			14	0.6				
KEK	HZ	149	305	EP		0048	7.161	0.01							1.0
KEK	HN	149	305	ES		0048	6.602	-1.28							1.0
KEK	HZ	149	305	IAML		0048	4.135			36	0.5				
KZN	HZ	159	17	EP		0048	9.405	0.60							0.9
NEST	HZ	164	355	EP		0048	9.280	-0.40							0.9
NEST	HN	164	355	ES		0048	3.059	0.59							0.9
NEST	HZ	164	355	IAML		0048	9.284			20	0.6				
TPE	HZ	182	326	EP		0048	2.704	0.46							0.9
TPE	HN	182	326	ES		0048	7.530	0.43							0.9
TPE	HZ	182	326	IAML		0048	0.288			27	0.6				
KBN	HZ	190	349	EP		0048	4.011	0.66							0.9
ITM	HZ	206	162	EP		0048	6.874	1.53							0.9
BERA	HZ	223	331	EP		0048	7.123	-0.41							0.9

**March 21 2023 Hour: 0:51 44.5 Lat: 38.95N Lon: 21.25E D: 12.3 Ag: TIR Local**  
**Magnitudes: 2.7ML TIR Rms: 0.5 secs**  
**121 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	54	251	EP		0051	4.523	0.23							1.0
LKD2	HN	54	251	ES		0052	2.201	-0.03							1.0
JAN	HZ	86	336	EP		0051	9.897	0.38							1.0



JAN	HN	86	336	ES	0052	2.111	0.42										1.0
THL	HZ	95	44	EP	0052	1.439	0.40										1.0
THL	HN	95	44	ES	0052	4.650	0.21										1.0
IGT	HZ	102	310	EP	0052	2.390	0.13										1.0
IGT	HE	102	310	ES	0052	6.930	0.28										1.0
IGT	HZ	102	310	IAML	0052	4.408			87	0.5							
VLS	HZ	103	214	EP	0052	1.750	-0.68										1.0
VLS	HN	103	214	ES	0052	6.226	-0.73										1.0
LSK	HZ	145	337	EP	0052	9.286	-0.06										1.0
LSK	HN	145	337	ES	0052	9.662	0.18										1.0
LSK	HZ	145	337	IAML	0052	6.124			68	0.7							
SRN	HZ	149	314	EP	0052	0.941	0.89										1.0
SRN	HE	149	314	ES	0052	0.572	-0.18										1.0
SRN	HZ	149	314	IAML	0052	7.939			26	0.8							
KEK	HZ	151	305	EP	0052	0.649	0.25										1.0
KEK	HE	151	305	ES	0052	1.080	-0.30										1.0
KEK	HZ	151	305	IAML	0052	7.501			83	0.4							
KZN	HZ	157	16	EP	0052	1.454	-0.00										1.0
KZN	HN	157	16	ES	0052	1.646	-1.65										1.0
NEST	HZ	164	354	EP	0052	2.692	0.16										0.9
NEST	HN	164	354	ES	0052	4.874	-0.37										0.9
NEST	HZ	164	354	IAML	0052	9.690			35	0.4							
TPE	HZ	183	325	EP	0052	5.218	0.12										0.9
TPE	HZ	183	325	IAML	0052	0.751			39	1.0							
KBN	HZ	190	348	EP	0052	6.630	0.58										0.9
KBN	HN	190	348	ES	0052	1.123	-0.49										0.9
KBN	HZ	190	348	IAML	0052	1.588			18	0.9							
ITM	HZ	205	163	EP	0052	8.801	0.84										0.9
BERA	HZ	224	331	EP	0052	9.937	-0.41										0.9
PLG	HZ	246	49	EP	0052	2.921	-0.26										0.9
PHP	HZ	311	348	EP	0052	1.646	0.05										0.8
NVR	HZ	347	39	EP	0052	6.756	0.56										0.8
PUK	HZ	362	342	EP	0052	7.504	-0.64										0.8

March 21 2023 Hour: 0:53 28.1 Lat: 38.94N Lon: 21.22E D: 10.1 Ag: TIR Local  
Magnitudes: 2.8ML TIR 3.6MW TIR Rms: 0.6 secs

120 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
LKD2	HZ	52	252	EP		0053	7.718	0.26							1.0	
LKD2	HN	52	252	ES		0053	4.768	-0.30							1.0	
JAN	HZ	86	338	EP		0053	3.250	0.00							1.0	
JAN	HN	86	338	ES		0053	5.356	-0.19							1.0	
THL	HZ	98	44	EP		0053	4.973	-0.16							1.0	
THL	HN	98	44	ES		0053	8.385	-0.57							1.0	
VLS	HZ	101	213	EP		0053	4.949	-0.66							1.0	
VLS	HN	101	213	ES		0053	9.213	-0.60							1.0	
IGT	HZ	102	311	EP		0053	5.697	-0.07							1.0	
IGT	HN	102	311	ES		0053	9.929	-0.17							1.0	
IGT	HZ	102	311	IAML		0054	7.656			116	0.4					
LSK	HZ	145	339	EP		0053	3.031	-0.05							1.0	
LSK	HN	145	339	ES		0054	3.516	0.17							1.0	
LSK	HZ	145	339	IAML		0054	9.151			73	1.0					
SRN	HZ	149	315	EP		0053	3.970	0.38							1.0	
SRN	HE	149	315	ES		0054	3.895	-0.38							1.0	
SRN	HZ	149	315	IAML		0054	5.977			26	0.4					
KEK	HZ	150	306	EP		0053	4.462	0.60							1.0	
KEK	HN	150	306	ES		0054	4.909	0.15							1.0	
KEK	HZ	150	306	IAML		0054	0.807			100	0.4					
KZN	HZ	159	17	EP		0053	5.791	0.33							0.9	
NEST	HZ	165	355	EP		0053	6.523	0.13							0.9	
NEST	HZ	165	355	IAML		0054	6.358			51	0.4					
TPE	HZ	183	326	EP		0053	9.323	0.41							0.9	
KBN	HZ	191	349	EP		0054	0.869	0.85							0.9	
ITM	HZ	204	162	EP		0054	3.408	1.74							0.9	

BERA HZ 225 331 EP 0054 3.777-0.42 0.9  
 PLG HZ 249 49 EP 0054 6.122-1.24 0.9

**March 21 2023 Hour: 0:54 8.6 Lat: 38.96N Lon: 21.22E D: 16.4 Ag: TIR Local**  
**Magnitudes: 3.3ML TIR Rms: 0.7 secs**

**118 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	52	249	EP		0054	8.575	0.47							1.0
LKD2	HN	52	249	ES		0054	6.404	0.56							1.0
JAN	HZ	84	338	EP		0054	3.142	-0.19							1.0
IGT	HZ	100	310	EP		0054	5.695	-0.25							1.0
IGT	HN	100	310	ES		0054	0.250	0.22							1.0
IGT	HZ	100	310	IAML		0054	7.256			323	0.3				
VLS	HZ	103	213	EP		0054	5.626	-0.78							1.0
VLS	HN	103	213	ES		0054	9.932	-0.94							1.0
LSK	HZ	143	338	EP		0054	3.206	0.08							1.0
SRN	HZ	147	315	EP		0054	4.233	0.57							1.0
SRN	HN	147	315	ES		0054	3.847	-0.15							1.0
SRN	HZ	147	315	IAML		0054	6.650			190	1.2				
KEK	HZ	149	305	EP		0054	4.595	0.63							1.0
KEK	HN	149	305	ES		0054	4.385	-0.17							1.0
KEK	HZ	149	305	IAML		0054	9.552			375	0.4				
KZN	HZ	157	17	EP		0054	5.322	-0.05							1.0
ITM	HZ	207	162	EP		0054	3.325	1.54							0.9
LACI	HZ	324	337	EP		0054	6.737	0.00							0.8
PUK	HZ	361	342	EP		0055	1.440	-0.12							0.8
PUK	HZ	361	342	IAML		0055	2.043			24	0.5				
SDA	HZ	373	338	EP		0055	1.100	-1.95							0.8

**March 21 2023 Hour: 1:20 23.6 Lat: 38.97N Lon: 21.20E D: 1.0 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR Rms: 0.7 secs**

**116 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	51	248	EP		0120	3.462	0.67							1.0
LKD2	HN	51	248	ES		0120	0.396	0.19							1.0
THL	HZ	97	46	EP		0120	1.036	0.14							1.0
THL	HN	97	46	ES		0120	4.994	0.13							1.0
IGT	HZ	98	310	EP		0120	1.588	0.45							1.0
IGT	HN	98	310	ES		0120	5.561	0.26							1.0
IGT	HZ	98	310	IAML		0121	5.541			32	0.9				
VLS	HZ	103	212	EP		0120	0.963	-1.00							1.0
VLS	HN	103	212	ES		0120	6.014	-0.79							1.0
LSK	HZ	141	339	EP		0120	8.807	0.21							1.0
LSK	HN	141	339	ES		0121	8.822	0.01							1.0
LSK	HZ	141	339	IAML		0121	8.491			35	0.9				
SRN	HZ	145	315	EP		0120	9.642	0.50							1.0
SRN	HN	145	315	ES		0121	9.671	-0.13							1.0
SRN	HZ	145	315	IAML		0121	4.597			17	0.5				
KEK	HZ	147	305	EP		0120	9.713	0.26							1.0
KEK	HN	147	305	ES		0121	9.942	-0.42							1.0
KEK	HZ	147	305	IAML		0121	2.807			36	0.5				
KZN	HZ	157	18	EP		0120	0.613	-0.54							1.0
NEST	HZ	161	355	EP		0120	3.086	1.13							0.9
NEST	HN	161	355	ES		0121	4.843	-0.04							0.9
NEST	HZ	161	355	IAML		0121	3.288			15	0.5				
TPE	HZ	179	326	EP		0120	4.858	-0.03							0.9
TPE	HN	179	326	ES		0121	9.446	-0.74							0.9
TPE	HZ	179	326	IAML		0121	8.944			25	0.5				
ITM	HZ	208	162	EP		0120	9.528	0.65							0.9
ITM	HN	208	162	ES		0121	8.430	1.02							0.9
PLG	HZ	248	50	EP		0121	1.794	-2.16							0.9

March 21 2023 Hour: 1:36 41.6 Lat: 38.93N Lon: 21.22E D: 15.7 Ag: TIR Local  
 Magnitudes: 2.5ML TIR 3.3MW TIR Rms: 0.7 secs  
 120 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	52	252	EP		0136	1.227	0.23							1.0
LKD2	HE	52	252	ES		0136	9.187	0.57							1.0
THL	HZ	98	44	EP		0136	8.548	-0.12							1.0
THL	HE	98	44	ES		0137	2.421	-0.07							1.0
VLS	HZ	100	213	EP		0136	8.503	-0.59							1.0
VLS	HE	100	213	ES		0137	2.745	-0.52							1.0
IGT	HZ	101	311	EP		0136	9.058	-0.21							1.0
IGT	HN	101	311	ES		0137	3.618	0.04							1.0
IGT	HZ	101	311	IAML		0137	1.097			61	0.5				
LSK	HZ	145	339	EP		0137	6.238	-0.35							1.0
LSK	HN	145	339	ES		0137	7.180	0.36							1.0
LSK	HZ	145	339	IAML		0137	3.064			55	0.6				
SRN	HZ	149	315	EP		0137	7.734	0.69							1.0
SRN	HN	149	315	ES		0137	6.183	-1.46							1.0
SRN	HZ	149	315	IAML		0137	1.967			18	0.6				
KEK	HZ	150	306	EP		0137	7.335	0.04							1.0
KEK	HE	150	306	ES		0137	8.210	0.11							1.0
KEK	HZ	150	306	IAML		0137	4.460			69	0.5				
KZN	HZ	160	17	EP		0137	8.931	0.09							0.9
NEST	HZ	165	355	EP		0137	9.828	0.20							0.9
NEST	HZ	165	355	IAML		0137	9.646			32	0.5				
TPE	HZ	183	326	EP		0137	2.720	0.88							0.9
TPE	HE	183	326	ES		0137	6.162	-0.17							0.9
TPE	HZ	183	326	IAML		0137	1.042			46	0.9				
KBN	HZ	191	349	EP		0137	5.114	2.16							0.9
KBN	HN	191	349	ES		0137	8.231	-0.11							0.9
KBN	HZ	191	349	IAML		0137	4.504			18	0.9				
ITM	HZ	204	162	EP		0137	5.139	0.55							0.9
BERA	HZ	225	331	EP		0137	7.208	0.08							0.9
BERA	HN	225	331	ES		0137	5.729	-0.18							0.9
BERA	HZ	225	331	IAML		0137	7.795			15	0.9				
PLG	HZ	249	49	EP		0137	9.199	-1.11							0.9
PHP	HZ	313	348	EP		0137	8.764	0.28							0.8
LACI	HZ	326	337	EP		0137	8.890	-1.27							0.8
PUK	HZ	363	342	EP		0137	4.680	-0.32							0.8
PUK	HZ	363	342	IAML		0138	5.080			3	0.6				
BCI	HZ	394	346	EP		0137	8.707	-0.14							0.7

March 21 2023 Hour: 1:51 8.9 Lat: 39.02N Lon: 21.23E D: 1.7 Ag: TIR Local  
 Magnitudes: 2.2ML TIR Rms: 0.5 secs  
 114 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	56	243	EP		0151	8.606	-0.28							1.0
LKD2	HE	56	243	ES		0151	7.191	0.19							1.0
THL	HZ	91	48	EP		0151	5.119	0.07							1.0
THL	HN	91	48	ES		0151	7.528	-0.63							1.0
IGT	HZ	96	307	EP		0151	6.682	0.63							1.0
IGT	HN	96	307	ES		0151	0.035	0.07							1.0
IGT	HZ	96	307	IAML		0151	3.625			24	0.3				
VLS	HZ	109	211	EP		0151	7.738	-0.61							1.0
LSK	HZ	137	337	EP		0151	3.396	0.39							1.0
LSK	HZ	137	337	IAML		0151	8.916			18	0.8				
SRN	HZ	143	312	EP		0151	4.448	0.51							1.0
SRN	HE	143	312	ES		0151	3.943	-0.30							1.0
KEK	HZ	145	302	EP		0151	4.754	0.32							1.0
KEK	HN	145	302	ES		0151	3.915	-1.22							1.0
KEK	HZ	145	302	IAML		0152	2.884			13	1.1				
NEST	HZ	156	354	EP		0151	6.489	0.32							1.0
NEST	HZ	156	354	IAML		0152	4.432			16	0.6				

TPE	HZ	176	324	EP	0151	9.174	-0.31										0.9
TPE	HN	176	324	ES	0152	4.588	0.30										0.9
KBN	HZ	182	348	EP	0151	0.787	0.23										0.9
ITM	HZ	213	163	EP	0151	5.093	0.44										0.9

**March 21 2023 Hour: 1:52 57.9 Lat: 38.93N Lon: 21.15E D: 10.7 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.5 secs**  
**116 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	46	250	EP		0153	6.576	0.29							1.0
LKD2	HN	46	250	ES		0153	3.446	0.39							1.0
VLS	HZ	97	210	EP		0153	5.111	0.29							1.0
VLS	HN	97	210	ES		0153	7.833	-0.69							1.0
IGT	HZ	97	314	EP		0153	5.111	0.25							1.0
IGT	HN	97	314	ES		0153	8.881	0.29							1.0
IGT	HZ	97	314	IAML		0153	6.336			18	0.5				
THL	HZ	102	46	EP		0153	5.237	-0.49							1.0
LSK	HZ	143	341	EP		0153	1.853	-0.75							1.0
LSK	HN	143	341	ES		0153	2.829	0.24							1.0
LSK	HZ	143	341	IAML		0153	7.860			15	0.7				
KEK	HZ	145	307	EP		0153	2.475	-0.41							1.0
KEK	HZ	145	307	IAML		0153	3.053			17	0.6				
SRN	HZ	145	317	EP		0153	2.976	0.23							1.0
SRN	HZ	145	317	IAML		0153	9.482			6	0.8				
KEK	HE	145	307	ES		0153	2.666	-0.44							1.0
KZN	HZ	162	19	EP		0153	6.440	0.79							0.9
NEST	HZ	165	357	EP		0153	6.020	-0.18							0.9
NEST	HZ	165	357	IAML		0153	1.643			8	0.4				
TPE	HZ	180	328	EP		0153	8.547	0.25							0.9
KBN	HZ	190	351	EP		0153	0.332	0.63							0.9
ITM	HZ	206	161	EP		0153	2.116	0.46							0.9
BERA	HZ	222	333	EP		0153	2.442	-1.21							0.9

**March 21 2023 Hour: 1:55 19.9 Lat: 38.92N Lon: 21.23E D: 7.1 Ag: TIR Local**  
**Magnitudes: 2.9ML TIR 3.3MW TIR Rms: 0.8 secs**  
**121 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	52	253	EP		0155	8.597	-0.66							1.0
LKD2	HE	52	253	ES		0155	6.724	-0.07							1.0
THL	HZ	99	43	EP		0155	7.289	-0.04							1.0
VLS	HZ	100	214	EP		0155	7.896	0.37							1.0
VLS	HN	100	214	ES		0155	1.852	0.08							1.0
IGT	HZ	103	312	EP		0155	7.675	-0.36							1.0
IGT	HE	103	312	ES		0155	2.871	0.19							1.0
IGT	HZ	103	312	IAML		0156	0.713			139	0.5				
LSK	HZ	147	339	EP		0155	5.650	0.26							1.0
LSK	HN	147	339	ES		0156	7.027	1.03							1.0
LSK	HZ	147	339	IAML		0156	2.344			108	0.7				
SRN	HZ	150	316	EP		0155	6.757	0.88							1.0
SRN	HN	150	316	ES		0156	6.721	-0.15							1.0
SRN	HZ	150	316	IAML		0156	4.337			41	0.8				
KEK	HZ	151	306	EP		0155	7.090	0.97							1.0
KEK	HE	151	306	ES		0156	7.359	0.04							1.0
KEK	HZ	151	306	IAML		0156	4.116			118	0.6				
KZN	HZ	161	17	EP		0155	7.533	-0.20							0.9
NEST	HZ	166	355	EP		0155	9.416	0.72							0.9
NEST	HE	166	355	ES		0156	2.017	0.03							0.9
NEST	HZ	166	355	IAML		0156	5.999			68	0.5				
TPE	HZ	184	326	EP		0155	1.742	0.41							0.9
TPE	HN	184	326	ES		0156	7.328	0.57							0.9
TPE	HZ	184	326	IAML		0156	0.319			79	0.6				
KBN	HZ	193	349	EP		0155	3.142	0.69							0.9
KBN	HZ	193	349	IAML		0156	4.053			28	0.8				
ITM	HZ	203	162	EP		0155	5.586	1.85							0.9

BERA	HZ	226	331	EP	0155	6.948	0.32								0.9
BERA	HZ	226	331	IAML	0156	5.130		32	0.5						
VLO	HZ	227	320	EP	0155	6.837	0.07								0.9
VLO	HZ	227	320	IAML	0156	9.038		55	0.5						
THE	HZ	241	38	EP	0155	8.941	0.34								0.9
PLG	HZ	249	49	EP	0155	8.941	-0.76								0.9
SCTE	HZ	269	299	EP	0156	0.270	-1.95								0.9
TIR	HZ	293	337	EP	0156	5.255	-0.02								0.8
PHP	HZ	314	348	EP	0156	7.030	-0.96								0.8
PHP	HZ	314	348	IAML	0157	7.901		16	3.0						
LACI	HZ	328	337	EP	0156	8.511	-1.15								0.8
NVR	HZ	351	39	EP	0156	1.803	-0.92								0.8
PUK	HZ	364	342	EP	0156	4.154	-0.34								0.8
PUK	HZ	364	342	IAML	0157	7.488		6	0.3						
SDA	HZ	377	338	EP	0156	4.938	-1.04								0.8
BCI	HZ	395	346	EP	0156	8.544	0.20								0.7
NOCI	HZ	412	302	EP	0156	8.387	-2.14								0.7
PDG	HZ	423	338	EP	0156	0.895	-1.05								0.7

**March 21 2023 Hour: 1:58 7.1 Lat: 38.95N Lon: 21.22E D: 7.9 Ag: TIR Local**  
**Magnitudes: 3.3ML TIR Rms: 0.8 secs**  
**119 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	52	251	EP		0158	7.095	0.54							1.0
LKD2	HE	52	251	ES		0158	4.220	0.03							1.0
THL	HZ	97	45	EP		0158	4.149	-0.05							1.0
IGT	HZ	101	311	EP		0158	4.993	0.15							1.0
IGT	HE	101	311	ES		0158	9.227	0.04							1.0
IGT	HZ	101	311	IAML		0158	6.918		277	0.5					
VLS	HZ	102	213	EP		0158	4.290	-0.73							1.0
VLS	HN	102	213	ES		0158	8.842	-0.66							1.0
LSK	HZ	144	338	EP		0158	2.164	0.06							1.0
LSK	HN	144	338	ES		0158	2.496	0.18							1.0
LSK	HZ	144	338	IAML		0158	8.555		233	0.7					
SRN	HZ	148	315	EP		0158	3.256	0.59							1.0
SRN	HE	148	315	ES		0158	3.686	0.35							1.0
SRN	HZ	148	315	IAML		0159	0.478		89	0.8					
KEK	HZ	149	305	EP		0158	3.155	0.19							1.0
KEK	HE	149	305	ES		0158	4.103	0.23							1.0
KEK	HZ	149	305	IAML		0158	9.972		247	0.5					
KZN	HZ	158	17	EP		0158	4.268	-0.20							0.9
NEST	HZ	164	355	EP		0158	6.090	0.69							0.9
TPE	HZ	182	326	EP		0158	9.530	1.40							0.9
TPE	HN	182	326	ES		0159	3.564	0.33							0.9
TPE	HZ	182	326	IAML		0159	6.669		143	1.0					
KBN	HZ	190	349	EP		0158	9.935	0.73							0.9
ITM	HZ	206	162	EP		0158	2.392	1.21							0.9
ITM	HE	206	162	ES		0159	9.888	1.13							0.9
BERA	HZ	223	331	EP		0158	3.156	-0.26							0.9
VLO	HZ	225	319	EP		0158	3.618	0.04							0.9
THE	HZ	239	38	EP		0158	5.743	0.28							0.9
PLG	HZ	248	50	EP		0158	5.558	-1.05							0.9
SCTE	HZ	268	299	EP		0158	6.482	-2.64							0.9
TIR	HZ	291	337	EP		0158	1.590	-0.46							0.8
PHP	HZ	311	348	EP		0158	4.305	-0.44							0.8
LACI	HZ	325	337	EP		0158	4.825	-1.60							0.8
NVR	HZ	349	39	EP		0158	9.273	-0.31							0.8
PUK	HZ	362	342	EP		0159	0.256	-1.00							0.8
BCI	HZ	392	346	EP		0159	4.820	-0.28							0.7

March 21 2023 Hour: 2:15 46.7 Lat: 38.96N Lon: 21.24E D: 10.6 Ag: TIR Local  
 Magnitudes: 2.5ML TIR 3.2MW TIR Rms: 0.6 secs  
 119 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	54	250	EP		0215	6.530	0.16							1.0
LKD2	HN	54	250	ES		0216	4.720	0.49							1.0
THL	HZ	95	44	EP		0216	3.933	0.66							1.0
THL	HN	95	44	ES		0216	6.346	-0.38							1.0
IGT	HZ	101	310	EP		0216	4.563	0.30							1.0
IGT	HE	101	310	ES		0216	8.701	0.19							1.0
IGT	HZ	101	310	IAML		0216	2.202			65	0.4				
VLS	HZ	103	213	EP		0216	3.775	-0.85							1.0
VLS	HN	103	213	ES		0216	8.344	-0.82							1.0
LSK	HZ	144	338	EP		0216	1.335	-0.05							1.0
LSK	HN	144	338	ES		0216	1.550	0.14							1.0
LSK	HZ	144	338	IAML		0216	0.411			39	0.6				
SRN	HZ	148	314	EP		0216	2.905	0.84							1.0
SRN	HN	148	314	ES		0216	2.224	-0.40							1.0
SRN	HZ	148	314	IAML		0216	8.939			15	0.4				
KEK	HZ	150	305	EP		0216	2.537	0.14							1.0
KEK	HN	150	305	ES		0216	2.132	-1.11							1.0
KEK	HZ	150	305	IAML		0216	3.447			45	0.6				
KZN	HZ	157	17	EP		0216	3.457	-0.14							1.0
KZN	HE	157	17	ES		0216	4.455	-0.96							1.0
NEST	HZ	163	354	EP		0216	4.745	0.14							0.9
NEST	HZ	163	354	IAML		0216	8.783			25	0.4				
TPE	HZ	182	325	EP		0216	8.149	0.84							0.9
KBN	HZ	189	348	EP		0216	8.977	0.67							0.9
KBN	HN	189	348	ES		0216	4.459	0.53							0.9
KBN	HZ	189	348	IAML		0217	7.825			12	0.7				
ITM	HZ	206	163	EP		0216	1.347	0.91							0.9
BERA	HZ	223	331	EP		0216	2.687	0.11							0.9
BERA	HZ	223	331	IAML		0217	7.549			14	0.7				
VLO	HZ	225	319	EP		0216	3.209	0.43							0.9
PLG	HZ	246	50	EP		0216	5.140	-0.45							0.9
PUK	HZ	361	342	EP		0216	9.379	-1.00							0.8
PUK	HZ	361	342	IAML		0217	9.970			4	0.5				
BCI	HZ	392	346	EP		0216	3.407	-0.80							0.7

March 21 2023 Hour: 2:22 20.0 Lat: 38.95N Lon: 21.23E D: 9.1 Ag: TIR Local  
 Magnitudes: 2.7ML TIR 3.3MW TIR Rms: 0.8 secs  
 119 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	53	250	EP		0222	0.049	0.49							1.0
LKD2	HE	53	250	ES		0222	7.478	0.20							1.0
THL	HZ	96	45	EP		0222	7.429	0.52							1.0
THL	HN	96	45	ES		0222	9.729	-0.86							1.0
THL	HE	96	45	ES		0222	0.618	0.03							1.0
IGT	HZ	101	310	EP		0222	7.921	0.28							1.0
IGT	HE	101	310	ES		0222	1.949	0.04							1.0
IGT	HZ	101	310	IAML		0222	6.547			69	0.3				
VLS	HZ	102	213	EP		0222	7.148	-0.77							1.0
VLS	HN	102	213	ES		0222	1.346	-1.06							1.0
LSK	HZ	144	338	EP		0222	4.880	0.02							1.0
LSK	HN	144	338	ES		0223	5.544	0.58							1.0
LSK	HZ	144	338	IAML		0223	2.081			63	0.5				
SRN	HZ	148	315	EP		0222	6.356	0.90							1.0
SRN	HN	148	315	ES		0223	5.838	-0.21							1.0
SRN	HZ	148	315	IAML		0223	3.614			24	1.0				
KEK	HZ	149	305	EP		0222	6.017	0.25							1.0
KEK	HN	149	305	ES		0223	6.337	-0.28							1.0
KEK	HZ	149	305	IAML		0223	5.133			79	0.6				
KZN	HZ	158	17	EP		0222	7.789	0.60							0.9

KZN	HN	158	17	ES	0223	8.297	-0.89												0.9
NEST	HZ	163	355	EP	0222	8.549	0.42												0.9
NEST	HE	163	355	ES	0223	1.208	0.31												0.9
NEST	HZ	163	355	IAML	0223	8.677				39	0.6								
TPE	HZ	182	326	EP	0222	1.840	1.00												0.9
TPE	HN	182	326	ES	0223	6.483	0.69												0.9
TPE	HZ	182	326	IAML	0223	4.880				34	1.4								
KBN	HZ	190	349	EP	0222	2.781	0.89												0.9
KBN	HN	190	349	ES	0223	8.044	0.34												0.9
KBN	HZ	190	349	IAML	0223	3.994				19	1.2								
ITM	HZ	206	162	EP	0222	4.693	0.73												0.9
ITM	HN	206	162	ES	0223	2.960	1.52												0.9
BERA	HZ	223	331	EP	0222	5.891	-0.22												0.9
BERA	HZ	223	331	IAML	0223	3.995				14	0.6								
VLO	HZ	225	319	EP	0222	5.765	-0.53												0.9
VLO	HZ	225	319	IAML	0223	4.248				29	0.9								
PLG	HZ	247	50	EP	0222	8.296	-0.98												0.9
SCTE	HZ	268	299	EP	0222	9.942	-1.92												0.9
PHP	HZ	311	348	EP	0223	7.031	-0.40												0.8
LACI	HZ	325	337	EP	0223	8.170	-0.95												0.8
NVR	HZ	348	39	EP	0223	1.968	-0.28												0.8
PUK	HZ	361	342	EP	0223	3.234	-0.72												0.8
BCI	HZ	392	346	EP	0223	7.938	0.15												0.7
BOSS	SZ	408	14	EP	0223	1.286	1.45												0.7
PDG	HZ	421	337	EP	0223	8.664	-2.75												0.7

**March 21 2023 Hour: 2:45 26.3 Lat: 38.94N Lon: 21.24E D: 6.4 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 3.2MW TIR Rms: 0.7 secs**  
**121 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	54	252	EP		0245	6.497	0.56							1.0
LKD2	HE	54	252	ES		0245	3.900	0.15							1.0
THL	HZ	96	44	EP		0245	3.301	-0.03							1.0
THL	HE	96	44	ES		0245	6.821	-0.30							1.0
VLS	HZ	102	214	EP		0245	3.378	-0.94							1.0
VLS	HN	102	214	ES		0245	8.031	-0.89							1.0
IGT	HZ	103	310	EP		0245	4.350	-0.07							1.0
IGT	HN	103	310	ES		0245	9.351	0.24							1.0
IGT	HZ	103	310	IAML		0246	2.645			32	0.3				
LSK	HZ	145	338	EP		0245	1.301	-0.30							1.0
LSK	HN	145	338	ES		0246	1.719	-0.37							1.0
LSK	HZ	145	338	IAML		0246	8.224			38	0.6				
SRN	HZ	150	315	EP		0245	2.721	0.49							1.0
SRN	HN	150	315	ES		0246	2.803	-0.44							1.0
SRN	HZ	150	315	IAML		0246	9.826			14	0.9				
KEK	HZ	151	305	EP		0245	2.040	-0.51							1.0
KEK	HE	151	305	ES		0246	3.816	0.01							1.0
KEK	HZ	151	305	IAML		0246	1.426			43	0.5				
KZN	HZ	158	16	EP		0245	3.503	-0.26							0.9
NEST	HZ	165	354	EP		0245	4.904	0.09							0.9
NEST	HZ	165	354	IAML		0246	1.527			22	0.5				
TPE	HZ	184	325	EP		0245	8.507	0.81							0.9
TPE	HZ	184	325	IAML		0246	1.636			19	0.5				
KBN	HZ	191	348	EP		0246	0.409	1.71							0.9
KBN	HZ	191	348	IAML		0246	0.936			11	1.0				
ITM	HZ	204	163	EP		0246	2.199	1.85							0.9
BERA	HZ	225	331	EP		0246	2.811	-0.15							0.9
PLG	HZ	247	49	EP		0246	4.412	-1.42							0.9

**March 21 2023 Hour: 2:47 34.7 Lat: 38.95N Lon: 21.24E D: 8.8 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR Rms: 0.9 secs**  
**120 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	54	250	EP		0247	4.481	-0.03							1.0
LKD2	HN	54	250	ES		0247	2.406	-0.03							1.0
THL	HZ	95	44	EP		0247	1.963	0.56							1.0
THL	HN	95	44	ES		0248	4.250	-0.67							1.0
IGT	HZ	101	310	EP		0247	2.406	-0.10							1.0
IGT	HE	101	310	ES		0248	7.309	0.40							1.0
IGT	HZ	101	310	IAML		0248	0.872			22	0.2				
VLS	HZ	103	214	EP		0247	1.690	-1.13							1.0
VLS	HN	103	214	ES		0248	6.348	-1.12							1.0
SRN	HZ	148	314	EP		0248	0.331	0.03							1.0
SRN	HN	148	314	ES		0248	0.803	-0.21							1.0
SRN	HZ	148	314	IAML		0248	8.571			7	0.4				
KEK	HZ	150	305	EP		0248	0.558	-0.08							1.0
KEK	HN	150	305	ES		0248	2.268	0.63							1.0
KEK	HZ	150	305	IAML		0248	7.297			27	0.5				
KZN	HZ	157	17	EP		0248	2.193	0.43							1.0
KZN	HE	157	17	ES		0248	2.110	-1.56							1.0
NEST	HZ	163	354	EP		0248	3.262	0.46							0.9
NEST	HE	163	354	ES		0248	6.287	0.74							0.9
NEST	HZ	163	354	IAML		0248	9.882			14	0.4				
TPE	HZ	182	325	EP		0248	5.551	-0.09							0.9
TPE	HN	182	325	ES		0248	0.465	-0.21							0.9
TPE	HZ	182	325	IAML		0248	9.792			15	0.5				
ITM	HZ	206	163	EP		0248	1.745	3.07							0.9
BERA	HZ	224	331	EP		0248	0.840	-0.05							0.9
PLG	HZ	246	49	EP		0248	3.172	-0.66							0.9

**March 21 2023 Hour: 2:52 44.4 Lat: 38.95N Lon: 21.22E D: 10.0 Ag: TIR Local**  
**Magnitudes: 2.9ML TIR 3.4MW TIR Rms: 0.8 secs**  
**118 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	52	250	EP		0252	4.006	0.22							1.0
LKD2	HN	52	250	ES		0253	2.122	0.71							1.0
THL	HZ	97	45	EP		0253	1.451	0.17							1.0
THL	HE	97	45	ES		0253	4.839	-0.14							1.0
IGT	HZ	100	310	EP		0253	1.889	0.11							1.0
IGT	HN	100	310	ES		0253	5.899	0.02							1.0
IGT	HZ	100	310	IAML		0253	2.472			127	1.2				
VLS	HZ	102	213	EP		0253	0.925	-1.23							1.0
VLS	HN	102	213	ES		0253	5.640	-0.91							1.0
LSK	HZ	143	338	EP		0253	8.896	-0.14							1.0
LSK	HN	143	338	ES		0253	9.751	0.73							1.0
LSK	HZ	143	338	IAML		0253	5.972			130	0.5				
SRN	HZ	147	315	EP		0253	0.382	0.79							1.0
SRN	HN	147	315	ES		0253	9.633	-0.39							1.0
SRN	HZ	147	315	IAML		0253	8.555			48	0.7				
KEK	HZ	148	305	EP		0253	9.912	0.02							1.0
KEK	HN	148	305	ES		0253	0.289	-0.28							1.0
KEK	HZ	148	305	IAML		0253	7.029			187	0.6				
KZN	HZ	158	17	EP		0253	1.791	0.31							0.9
KZN	HE	158	17	ES		0253	2.685	-0.75							0.9
NEST	HZ	163	355	EP		0253	2.495	0.14							0.9
NEST	HE	163	355	ES		0253	5.737	0.71							0.9
NEST	HZ	163	355	IAML		0253	2.663			96	0.6				
TPE	HZ	181	326	EP		0253	6.486	1.51							0.9
TPE	HZ	181	326	IAML		0253	9.237			75	0.5				
KBN	HZ	189	349	EP		0253	7.059	0.99							0.9
KBN	HN	189	349	ES		0253	1.629	-0.11							0.9
KBN	HZ	189	349	IAML		0253	8.063			57	1.2				



ITM	HZ	207	162	EP		0253	0.595	2.33									0.9
ITM	HN	207	162	ES		0253	6.354	0.63									0.9
BERA	HZ	222	331	EP		0253	0.477	0.22									0.9
VLO	HZ	224	319	EP		0253	0.595	0.18									0.9
VLO	HZ	224	319	IAML		0254	8.371		62	0.7							
THE	HZ	239	38	EP		0253	1.416	-0.99									0.9
THE	HZ	239	38	IAML		0253	4.284		8	0.6							
PLG	HZ	248	50	EP		0253	2.355	-1.23									0.9
SCTE	HZ	267	299	EP		0253	3.764	-2.20									0.9
TIR	HZ	290	337	EP		0253	8.225	-0.67									0.8
TIR	HZ	290	337	IAML	A	0254	5.427		9	0.5							
PHP	HZ	310	348	EP		0253	1.511	-0.09									0.8
LACI	HZ	324	337	EP		0253	2.098	-1.18									0.8
PUK	HZ	361	342	IP	0A	0253	7.910	-0.20									0.8
PUK	HZ	361	342	IAML	A	0254	6.562		7	0.8							
BCI	HZ	391	346	IP	0A	0253	2.240	0.28									0.7
BCI	HZ	391	346	IAML	A	0254	8.179		9	1.6							
PDG	HZ	420	337	IP	0A	0253	5.128	-0.44									0.7
PDG	HZ	420	337	IAML	A	0255	8.890		5	1.8							

March 21 2023 Hour: 3:9 26.0 Lat: 38.93N Lon: 21.23E D: 17.5 Ag: TIR Local  
Magnitudes: 2.5ML TIR 3.1MW TIR Rms: 0.7 secs  
121 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	52	253	EP		0309	5.647	0.03							1.0
LKD2	HN	52	253	ES		0309	3.541	0.16							1.0
THL	HZ	98	43	EP		0309	3.330	0.24							1.0
THL	HN	98	43	ES		0309	6.451	-0.45							1.0
VLS	HZ	100	214	EP		0309	2.999	-0.53							1.0
VLS	HN	100	214	ES		0309	7.438	-0.27							1.0
IGT	HZ	103	311	EP		0309	3.529	-0.42							1.0
IGT	HN	103	311	ES		0309	8.327	-0.13							1.0
IGT	HZ	103	311	IAML		0310	5.651		28	0.3					
LSK	HZ	146	338	EP		0309	1.013	-0.08							1.0
LSK	HN	146	338	ES		0310	1.877	0.47							1.0
LSK	HZ	146	338	IAML		0310	7.772		33	0.6					
SRN	HZ	150	315	EP		0309	2.272	0.69							1.0
SRN	HN	150	315	ES		0310	2.463	0.18							1.0
SRN	HZ	150	315	IAML		0310	0.555		29	0.5					
KEK	HZ	151	306	EP		0309	2.371	0.53							1.0
KEK	HN	151	306	ES		0310	1.748	-1.00							1.0
KEK	HZ	151	306	IAML		0310	1.093		43	0.2					
KZN	HZ	160	17	EP		0309	3.400	0.20							0.9
NEST	HZ	166	355	EP		0309	4.515	0.53							0.9
NEST	HN	166	355	ES		0310	5.096	-1.53							0.9
NEST	HZ	166	355	IAML		0310	1.436		23	1.0					
TPE	HZ	184	326	EP		0309	7.812	1.57							0.9

March 21 2023 Hour: 3:10 14.0 Lat: 38.92N Lon: 21.12E D: 5.0F Ag: TIR Local  
Magnitudes: 2.9ML TIR 3.4MW TIR Rms: 0.7 secs  
115 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	42	250	EP		0310	2.289	0.67							1.0
LKD2	HN	42	250	ES		0310	8.076	0.29							1.0
VLS	HZ	94	209	EP		0310	9.531	-1.27							1.0
VLS	HN	94	209	ES		0310	3.638	-0.78							1.0
IGT	HZ	96	316	EP		0310	1.191	0.05							1.0
IGT	HE	96	316	ES		0310	4.996	-0.02							1.0
IGT	HZ	96	316	IAML		0310	2.012		89	0.3					
THL	HZ	106	47	EP		0310	1.746	-0.97							1.0
LSK	HZ	144	342	EP		0310	8.411	-0.72							1.0
LSK	HN	144	342	ES		0311	0.393	0.90							1.0
LSK	HZ	144	342	IAML		0311	3.767		122	0.7					
SRN	HZ	144	318	EP		0310	8.584	-0.46							1.0

KEK	HE	144	308	ES		0310	9.493	0.07									1.0
SRN	HZ	144	318	IAML		0311	5.792			49	0.8						
KEK	HZ	144	308	EP		0310	8.886	-0.21									1.0
KEK	HZ	144	308	IAML		0311	7.326			158	0.5						
KZN	HZ	164	20	EP		0310	2.494	-0.02									0.9
NEST	HZ	166	358	EP		0310	2.962	0.08									0.9
TPE	HZ	180	329	EP		0310	5.334	0.28									0.9
KBN	HZ	192	352	EP		0310	7.167	0.53									0.9
ITM	HZ	206	160	EP		0310	9.233	0.84									0.9
ITM	HN	206	160	ES		0311	7.747	1.49									0.9
THE	HZ	248	39	EP		0310	3.416	-0.32									0.9

**March 21 2023 Hour: 3:11 26.6 Lat: 38.93N Lon: 21.24E D: 6.6 Ag: TIR Local**  
**Magnitudes: 3.4ML TIR Rms: 0.7 secs**  
**121 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	53	252	EP		0311	6.639	0.48							1.0
LKD2	HE	53	252	ES		0311	3.718	-0.20							1.0
THL	HZ	97	43	EP		0311	4.021	0.33							1.0
THL	HN	97	43	ES		0311	7.429	-0.12							1.0
VLS	HZ	101	214	EP		0311	3.452	-1.05							1.0
VLS	HN	101	214	ES		0311	8.041	-0.97							1.0
IGT	HZ	103	311	EP		0311	4.553	-0.17							1.0
IGT	HN	103	311	ES		0311	9.073	-0.34							1.0
IGT	HZ	103	311	IAML		0312	6.574			253	0.5				
LSK	HZ	146	338	EP		0311	1.841	-0.09							1.0
LSK	HN	146	338	ES		0312	2.907	0.44							1.0
LSK	HZ	146	338	IAML		0312	8.243			283	0.6				
SRN	HZ	150	315	EP		0311	3.341	0.81							1.0
SRN	HN	150	315	ES		0312	2.987	-0.57							1.0
SRN	HZ	150	315	IAML		0312	0.954			87	0.5				
KEK	HZ	151	305	EP		0311	3.155	0.32							1.0
KEK	HE	151	305	ES		0312	3.822	-0.27							1.0
KEK	HZ	151	305	IAML		0312	9.615			461	0.5				
KZN	HZ	159	16	EP		0311	4.176	0.05							0.9
KZN	HN	159	16	ES		0312	4.937	-1.50							0.9
NEST	HZ	165	354	EP		0311	5.489	0.32							0.9
NEST	HE	165	354	ES		0312	8.465	0.14							0.9
NEST	HZ	165	354	IAML		0312	2.076			202	0.7				
TPE	HZ	184	326	EP		0311	8.467	0.48							0.9
TPE	HN	184	326	ES		0312	3.797	0.36							0.9
TPE	HZ	184	326	IAML		0312	2.962			185	1.0				
KBN	HZ	192	348	EP		0312	0.576	1.56							0.9
KBN	HZ	192	348	IAML		0312	0.692			118	1.1				
ITM	HZ	204	163	EP		0312	2.513	1.96							0.9
ITM	HN	204	163	ES		0312	8.143	0.07							0.9
BERA	HZ	225	331	EP		0312	3.202	-0.06							0.9
VLO	HZ	227	319	EP		0312	3.448	0.00							0.9
THE	HZ	239	38	EP		0312	4.711	-0.36							0.9
BPA2	HZ	243	326	EP		0312	6.342	0.83							0.9
PLG	HZ	248	49	EP		0312	4.859	-1.30							0.9
NVR	HZ	349	39	EP		0312	8.355	-0.83							0.8
PUK	HZ	364	342	EP		0312	0.728	-0.36							0.8

**March 21 2023 Hour: 8: 8 46.5 Lat: 38.86N Lon: 21.23E D: 14.4 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.5 secs**  
**126 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	50	261	EP		0808	6.355	0.65							1.0
LKD2	HN	50	261	ES		0809	3.021	-0.13							1.0
VLS	HZ	94	217	EP		0809	3.393	0.46							1.0
VLS	HN	94	217	ES		0809	5.722	-0.51							1.0
THL	HZ	104	41	EP		0809	4.596	0.09							1.0
THL	HN	104	41	ES		0809	8.665	-0.41							1.0

IGT	HZ	108	314	EP	0809	4.424	-0.81										1.0
IGT	HE	108	314	ES	0809	0.498	0.10										1.0
IGT	HZ	108	314	IAML	0809	6.216				12	0.4						
LSK	HZ	153	339	EP	0809	3.871	1.01										1.0
LSK	HE	153	339	ES	0809	4.466	0.27										1.0
LSK	HZ	153	339	IAML	0809	9.389				13	0.7						
SRN	HZ	155	317	EP	0809	3.124	0.04										1.0
SRN	HN	155	317	ES	0809	4.819	0.22										1.0
SRN	HZ	155	317	IAML	0809	7.715				5	0.4						
KEK	HZ	156	308	EP	0809	3.008	-0.18										1.0
KEK	HE	156	308	ES	0809	4.240	-0.55										1.0
KEK	HZ	156	308	IAML	0809	0.651				14	0.7						
NEST	HZ	174	355	EP	0809	5.777	0.01										0.9
NEST	HN	174	355	ES	0809	9.233	-0.22										0.9
NEST	HZ	174	355	IAML	0809	5.670				7	0.6						

**March 21 2023 Hour: 11:41 56.7 Lat: 38.91N Lon: 21.29E D: 11.8 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR Rms: 0.2 secs**  
**126 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
LKD2	HZ	56	257	EP		1142	7.351	0.52							1.0	
LKD2	HE	56	257	ES		1142	5.110	0.07							1.0	
THL	HZ	96	40	EP		1142	3.631	0.18							1.0	
THL	HN	96	40	ES		1142	6.778	-0.24							1.0	
VLS	HZ	101	217	EP		1142	4.136	-0.19							1.0	
VLS	HE	101	217	ES		1142	8.317	-0.29							1.0	
IGT	HZ	108	310	EP		1142	5.633	0.22							1.0	
IGT	HE	108	310	ES		1142	0.393	-0.17							1.0	
IGT	HZ	108	310	IAML		1142	5.315			10	0.4					
LSK	HZ	150	337	EP		1142	2.386	-0.12							1.0	
LSK	HE	150	337	ES		1142	3.422	0.02							1.0	
LSK	HZ	150	337	IAML		1142	0.533			18	0.7					
KEK	HZ	157	305	EP		1142	3.745	0.22							1.0	
KEK	HN	157	305	ES		1142	4.909	-0.34							1.0	
KEK	HZ	157	305	IAML		1142	4.762			16	0.6					
NEST	HZ	169	353	EP		1142	5.677	0.09							0.9	

**March 22 2023 Hour: 17:44 14.2 Lat: 40.03N Lon: 21.43E D: 10.0F Ag: TIR Local**  
**Magnitudes: 2.1ML TIR Rms: 0.4 secs**  
**70 km SE of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT	
KZN	HZ	42	43	EP		1744	1.933	0.13							1.0	
KZN	HN	42	43	ES		1744	8.085	0.14							1.0	
NEST	HZ	54	323	EP		1744	3.668	-0.14							1.0	
NEST	HN	54	323	ES		1744	2.247	0.68							1.0	
NEST	HZ	54	323	IAML		1744	4.049			176	0.4					
THL	HZ	72	136	EP		1744	6.563	-0.50							1.0	
THL	HN	72	136	ES		1744	7.228	-0.23							1.0	
LSK	HZ	72	281	EP		1744	6.589	-0.50							1.0	
LSK	HN	72	281	ES		1744	6.776	-0.73							1.0	
LSK	HZ	72	281	IAML		1744	9.500			37	0.2					
IGT	HZ	109	240	EP		1744	3.217	-0.44							1.0	
IGT	HN	109	240	ES		1744	9.115	-0.29							1.0	
IGT	HZ	109	240	IAML		1744	6.310			20	0.6					
SRN	HZ	123	263	EP		1744	6.542	0.39							1.0	
SRN	HN	123	263	ES		1744	3.621	-0.30							1.0	
SRN	HZ	123	263	IAML		1744	5.709			14	0.2					
KEK	HZ	144	256	EP		1744	0.044	0.43							1.0	
KEK	HN	144	256	ES		1745	0.342	0.16							1.0	
KEK	HZ	144	256	IAML		1745	5.215			20	0.5					
LKD2	HZ	153	206	EP		1744	1.754	0.62							1.0	
LKD2	HN	153	206	ES		1745	3.757	0.82							1.0	
PLG	HZ	176	77	EP		1744	4.624	-0.35							0.9	
VLS	HZ	218	200	EP		1744	1.084	0.28							0.9	

March 23 2023 Hour: 1:39 36.1 Lat: 40.44N Lon: 20.76E D: 10.1 Ag: TIR Local  
 Magnitudes: 2.3ML TIR 3.0MW TIR Rms: 0.5 secs  
 9 km N of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	20	6	EP		0139	0.363	0.19							1.0
KBN	HN	20	6	ES		0139	3.134	-0.35							1.0
KBN	HZ	20	6	IAML		0139	4.283			512	0.2				
NEST	HZ	25	97	EP		0139	1.513	0.61							1.0
NEST	HE	25	97	ES		0139	4.879	0.07							1.0
NEST	HZ	25	97	IAML		0139	9.041			329	0.2				
LSK	HZ	35	203	EP		0139	2.128	-0.59							1.0
LSK	HE	35	203	ES		0139	8.437	0.34							1.0
LSK	HZ	35	203	IAML		0139	1.108			227	0.4				
TPE	HZ	66	256	EP		0139	6.951	-0.84							1.0
TPE	HZ	66	256	IAML		0140	6.768			76	0.6				
BERA	HZ	75	293	EP		0139	7.870	-1.42							1.0
BERA	HZ	75	293	IAML		0140	0.513			92	0.3				
KZN	HZ	87	100	EP		0139	1.464	0.05							1.0
KZN	HE	87	100	ES		0140	4.000	0.17							1.0
SRN	HZ	90	226	EP		0139	2.009	0.13							1.0
SRN	HE	90	226	ES		0140	4.693	0.03							1.0
SRN	HZ	90	226	IAML		0140	1.032			24	0.6				
BPA2	HZ	102	289	EP		0139	3.972	0.14							1.0
VLO	HZ	107	272	EP		0139	5.931	1.16							1.0
VLO	HZ	107	272	IAML		0140	7.784			53	0.2				
IGT	HZ	108	200	EP		0139	4.893	0.09							1.0
IGT	HN	108	200	ES		0140	0.249	0.28							1.0
IGT	HZ	108	200	IAML		0140	8.182			18	0.3				
KEK	HZ	115	226	EP		0139	6.581	0.47							1.0
KEK	HE	115	226	ES		0140	2.125	-0.21							1.0
KEK	HZ	115	226	IAML		0140	7.075			33	0.8				
TIR	HZ	126	323	EP		0139	7.533	-0.28							1.0
TIR	HE	126	323	ES		0140	5.712	0.31							1.0
TIR	HZ	126	323	IAML		0140	6.114			14	0.5				
PHP	HZ	140	349	EP		0140	0.571	0.27							1.0
PHP	HZ	140	349	IAML		0140	5.554			24	0.4				
THL	HZ	145	132	EP		0140	0.271	-0.72							1.0
LACI	HZ	159	327	EP		0140	3.282	-0.06							0.9
LACI	HN	159	327	ES		0140	5.635	0.21							0.9
LACI	HZ	159	327	IAML		0140	8.727			22	0.6				
LKD2	HZ	184	183	EP		0140	6.953	-0.12							0.9
PUK	HZ	192	338	EP		0140	8.093	-0.06							0.9
PUK	HZ	192	338	IAML		0140	5.044			12	0.6				
SDA	HZ	207	330	EP		0140	0.371	0.35							0.9
PLG	HZ	228	91	EP		0140	2.085	-0.62							0.9
PDG	HZ	254	331	EP		0140	6.390	0.42							0.9

March 23 2023 Hour: 1:43 18.7 Lat: 40.44N Lon: 20.75E D: 10.3 Ag: TIR Local  
 Magnitudes: 4.4ML TIR 4.8MW TIR Rms: 0.5 secs  
 9 km N of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	20	10	EP		0143	3.596	0.73							1.0
KBN	HN	20	10	ES		0143	6.434	0.21							1.0
KBN	HZ	20	10	IAML		0143	8.002			23434	0.2				
NEST	HZ	26	97	EP		0143	4.722	0.94							1.0
NEST	HN	26	97	ES		0143	7.372	-0.51							1.0
NEST	HZ	26	97	IAML		0143	4.316			24921	0.7				
LSK	HZ	35	201	EP		0143	5.281	0.00							1.0
LSK	HN	35	201	ES		0143	0.602	0.02							1.0
LSK	HZ	35	201	IAML		0143	4.574			79132	0.8				
TPE	HZ	64	255	EP		0143	9.628	-0.57							1.0
TPE	HN	64	255	ES		0143	9.398	-0.08							1.0
TPE	HZ	64	255	IAML		0143	5.406			20311	0.5				

BERA	HZ	73	293	EP	0143	1.042-0.67											1.0
BERA	HE	73	293	ES	0143	1.248-0.97											1.0
BERA	HZ	73	293	IAML	0143	2.647			7466	0.3							
KZN	HZ	88	100	EP	0143	4.070-0.20											1.0
KZN	HN	88	100	ES	0143	6.570-0.29											1.0
SRN	HZ	89	226	EP	0143	4.216-0.12											1.0
SRN	HN	89	226	ES	0143	7.088 0.11											1.0
SRN	HZ	89	226	IAML	0143	9.653			4354	1.0							
BPA2	HZ	101	289	EP	0143	6.641 0.39											1.0
VLO	HZ	106	272	EP	0143	7.667 0.50											1.0
VLO	HZ	106	272	IAML	0143	7.585			9658	0.8							
IGT	HZ	107	199	EP	0143	7.577 0.22											1.0
IGT	HN	107	199	ES	0143	2.930 0.49											1.0
IGT	HZ	107	199	IAML	0143	6.890			7422	1.1							
KEK	HZ	114	225	EP	0143	8.657 0.08											1.0
KEK	HN	114	225	ES	0143	4.397-0.25											1.0
KEK	HZ	114	225	IAML	0144	2.011			6567	1.0							
TIR	HZ	125	324	EP	0143	0.529 0.22											1.0
TIR	HE	125	324	ES	0143	7.106-0.68											1.0
TIR	HZ	125	324	IAML	0144	0.371			1915	0.8							
PHP	HZ	140	350	EP	0143	2.170-0.73											1.0
PHP	HN	140	350	ES	0144	2.879 0.41											1.0
PHP	HZ	140	350	IAML	0144	9.014			2633	1.0							
THL	HZ	146	132	EP	0143	3.694-0.09											1.0
THL	HE	146	132	ES	0144	3.892-0.19											1.0
LACI	HZ	158	327	EP	0143	5.663-0.19											0.9
LACI	HN	158	327	ES	0144	8.081 0.25											0.9
LACI	HZ	158	327	IAML	0144	1.344			3432	1.1							
LKD2	HZ	184	182	EP	0143	0.039 0.36											0.9
LKD2	HE	184	182	ES	0144	5.093 0.35											0.9
THE	HZ	189	83	EP	0143	9.402-0.91											0.9
THE	HE	189	83	ES	0144	6.707 0.81											0.9
THE	HZ	189	83	IAML	0144	4.406			759	0.9							
PUK	HZ	191	338	EP	0143	0.864 0.15											0.9
PUK	HE	191	338	ES	0144	6.973 0.36											0.9
PUK	HZ	191	338	IAML	0144	8.484			1419	0.7							
SCTE	HZ	198	259	EP	0143	0.975-0.50											0.9
SDA	HZ	207	330	EP	0143	2.753 0.19											0.9
SDA	HN	207	330	ES	0144	0.715 0.75											0.9
SDA	HZ	207	330	IAML	0144	2.039			547	1.3							
BCI	HZ	221	345	EP	0143	5.096 0.65											0.9
BCI	HZ	221	345	IAML	0144	3.110			1763	0.4							
PLG	HZ	229	91	EP	0143	4.488-1.02											0.9
VLS	HZ	252	183	EP	0143	8.909 0.51											0.9
PDG	HZ	253	331	EP	0143	9.403 0.90											0.9
PDG	HZ	253	331	IAML	0144	3.799			807	0.8							
BOSS	SZ	269	32	EP	0144	0.099-0.59											0.9
BARS	BZ	278	18	EP	0144	1.381-0.39											0.8
BARS	BZ	278	18	IAML	0144	1.710			585	2.1							
NVR	HZ	281	68	EP	0144	1.675-0.53											0.8
BLY	HZ	560	330	EP	0144	7.381-0.32											0.6

March 23 2023 Hour: 1:54 15.1 Lat: 40.42N Lon: 20.70E D: 3.7 Ag: TIR Local  
Magnitudes: 3.2ML TIR Rms: 0.7 secs  
6 km N of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	24	18	EP		0154	9.576	0.17							1.0
KBN	HN	24	18	ES		0154	2.869-0.00								1.0
KBN	HZ	24	18	IAML		0154	4.431			3343	0.6				
NEST	HZ	30	92	EP		0154	1.208	0.74							1.0
NEST	HE	30	92	ES		0154	4.849	0.05							1.0
NEST	HZ	30	92	IAML		0154	7.425			2433	0.2				
LSK	HZ	32	196	EP		0154	1.512	0.71							1.0
LSK	HN	32	196	ES		0154	5.968	0.56							1.0

LSK	HZ	32	196	IAML	0154	0.424		4628	0.6					
TPE	HZ	60	257	EP	0154	5.808-0.04								1.0
TPE	HN	60	257	ES	0154	4.615 0.09								1.0
TPE	HZ	60	257	IAML	0154	5.975		696	0.9					
BERA	HZ	71	296	EP	0154	7.161-0.63								1.0
BERA	HE	71	296	ES	0154	7.194-0.86								1.0
BERA	HZ	71	296	IAML	0154	8.277		356	0.1					
SRN	HZ	85	225	EP	0154	0.147-0.13								1.0
SRN	HN	85	225	ES	0154	1.871-0.67								1.0
SRN	HZ	85	225	IAML	0154	5.415		171	0.6					
JAN	HZ	86	171	EP	0154	0.024-0.47								1.0
JAN	HN	86	171	ES	0154	1.962-0.98								1.0
KZN	HZ	92	98	EP	0154	1.559 0.02								1.0
KZN	HN	92	98	ES	0154	4.893 0.06								1.0
BPA2	HZ	98	291	EP	0154	4.036 1.44								1.0
VLO	HZ	102	273	EP	0154	4.785 1.42								1.0
VLO	HZ	102	273	IAML	0154	3.120		413	0.7					
IGT	HZ	104	198	EP	0154	4.245 0.64								1.0
IGT	HN	104	198	ES	0154	8.554-0.01								1.0
IGT	HZ	104	198	IAML	0154	2.731		334	0.8					
KEK	HZ	110	225	EP	0154	4.001-0.67								1.0
KEK	HN	110	225	ES	0154	9.921-0.58								1.0
KEK	HZ	110	225	IAML	0154	5.299		290	1.1					
TIR	HZ	125	326	EP	0154	7.123 0.04								1.0
TIR	HN	125	326	ES	0154	5.054 0.19								1.0
TIR	HZ	125	326	IAML	0155	5.145		124	0.5					
PHP	HZ	142	351	EP	0154	9.404-0.59								1.0
PHP	HN	142	351	ES	0154	8.941-1.19								1.0
PHP	HZ	142	351	IAML	0155	5.520		202	0.3					
THL	HZ	147	130	EP	0154	9.948-0.88								1.0
LACI	HZ	158	329	EP	0154	2.058-0.61								0.9
LACI	HN	158	329	ES	0155	5.253 0.28								0.9
LACI	HZ	158	329	IAML	0155	1.989		128	0.7					
LKD2	HZ	181	181	EP	0154	7.911 1.35								0.9
PUK	HZ	192	340	EP	0154	8.212 0.18								0.9
PUK	HZ	192	340	IAML	0155	8.561		81	0.2					
SDA	HZ	207	331	EP	0154	0.063 0.26								0.9
SDA	HZ	207	331	IAML	0155	2.044		16	0.8					
BCI	HZ	222	346	EP	0154	3.298 1.46								0.9
BCI	HZ	222	346	IAML	0155	2.926		142	1.0					
PLG	HZ	233	90	EP	0154	2.059-1.15								0.9
PDG	HZ	253	332	EP	0154	5.599-0.16								0.9
PDG	HZ	253	332	IAML	0155	0.727		61	0.6					
BOSS	SZ	273	32	EP	0154	8.429 0.01								0.8

March 23 2023 Hour: 1:56 11.3 Lat: 40.31N Lon: 20.70E D: 16.1 Ag: TIR Local  
Magnitudes: 2.2ML TIR Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	20	206	EP		0156	5.554-0.38								1.0
LSK	HN	20	206	ES		0156	9.899 0.19								1.0
LSK	HZ	20	206	IAML		0156	9.622			191	0.5				
NEST	HZ	31	69	EP		0156	7.318-0.20								1.0
NEST	HN	31	69	ES		0156	2.650 0.08								1.0
NEST	HZ	31	69	IAML		0156	7.124			97	0.2				
KBN	HZ	35	12	EP		0156	8.411 0.35								1.0
KBN	HN	35	12	ES		0156	3.410-0.14								1.0
KBN	HZ	35	12	IAML		0156	5.121			172	0.2				
JAN	HZ	74	170	EP		0156	4.545 0.10								1.0

March 23 2023 Hour: 1:57 13.5 Lat: 40.45N Lon: 20.70E D: 13.7 Ag: TIR Local  
 Magnitudes: 2.1ML TIR Rms: 0.3 secs  
 9 km N of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	21	20	EP		0157	8.270	0.27							1.0
KBN	HN	21	20	ES		0157	1.580	-0.06							1.0
KBN	HZ	21	20	IAML		0157	3.775			158	0.4				
NEST	HZ	30	97	EP		0157	9.395	0.06							1.0
NEST	HE	30	97	ES		0157	4.295	0.23							1.0
NEST	HZ	30	97	IAML		0157	8.382			202	0.2				
LSK	HZ	34	195	EP		0157	0.293	0.26							1.0
LSK	HN	34	195	ES		0157	5.280	-0.05							1.0
LSK	HZ	34	195	IAML		0157	0.054			257	0.3				
TPE	HZ	61	254	EP		0157	4.389	0.03							1.0
TPE	HE	61	254	ES		0157	2.943	-0.21							1.0
TPE	HZ	61	254	IAML		0157	9.742			50	0.4				
BERA	HZ	70	294	EP		0157	6.104	0.24							1.0
BERA	HN	70	294	ES		0157	5.680	-0.20							1.0
BERA	HZ	70	294	IAML		0157	8.588			84	0.2				
SRN	HZ	87	224	EP		0157	8.198	-0.49							1.0
SRN	HN	87	224	ES		0157	1.271	0.29							1.0
SRN	HZ	87	224	IAML		0157	4.496			20	0.4				
JAN	HZ	89	172	EP		0157	8.896	-0.13							1.0
JAN	HN	89	172	ES		0157	1.458	-0.14							1.0
KZN	HZ	92	99	EP		0157	9.045	-0.58							1.0
KZN	HN	92	99	ES		0157	2.622	-0.06							1.0
VLO	HZ	102	272	EP		0157	1.032	-0.25							1.0
VLO	HZ	102	272	IAML		0157	4.907			42	0.5				
IGT	HZ	106	197	EP		0157	2.356	0.40							1.0
IGT	HZ	106	197	IAML		0157	1.438			21	0.8				
KEK	HZ	112	224	EP		0157	3.218	0.29							1.0
KEK	HZ	112	224	IAML		0157	4.912			33	0.5				
TIR	HZ	122	325	EP		0157	4.574	-0.06							1.0
TIR	HE	122	325	ES		0157	1.231	-0.52							1.0
TIR	HZ	122	325	IAML		0158	5.361			10	0.6				
PHP	HZ	139	351	EP		0157	7.797	0.33							1.0
PHP	HN	139	351	ES		0157	6.654	-0.22							1.0
PHP	HZ	139	351	IAML		0158	6.933			11	0.5				
THL	HZ	149	131	EP		0157	8.707	-0.32							1.0
THL	HN	149	131	ES		0157	9.761	0.07							1.0
LACI	HZ	156	328	EP		0157	0.349	0.14							1.0
LACI	HN	156	328	ES		0158	2.288	0.45							1.0
LACI	HZ	156	328	IAML		0158	7.820			19	1.0				
PUK	HZ	190	339	EP		0157	5.178	0.29							0.9
PUK	HZ	190	339	IAML		0158	9.051			7	0.9				

March 23 2023 Hour: 1:53 6.3 Lat: 40.44N Lon: 20.71E D: 11.9 Ag: TIR Local  
 Magnitudes: 2.3ML TIR Rms: 0.4 secs  
 9 km N of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	21	17	EP		0153	0.936	0.28							1.0
KBN	HE	21	17	ES		0153	4.112	-0.07							1.0
KBN	HZ	21	17	IAML		0153	5.084			197	0.4				
NEST	HZ	29	96	EP		0153	2.167	0.28							1.0
NEST	HN	29	96	ES		0153	6.389	-0.02							1.0
NEST	HZ	29	96	IAML		0153	7.337			220	0.3				
LSK	HZ	34	197	EP		0153	2.526	-0.24							1.0
LSK	HN	34	197	ES		0153	7.644	-0.36							1.0
LSK	HZ	34	197	IAML		0153	2.131			396	0.6				
TPE	HZ	62	255	EP		0153	7.134	-0.16							1.0
TPE	HN	62	255	ES		0153	6.204	0.02							1.0
TPE	HZ	62	255	IAML		0153	1.981			58	0.3				
BERA	HZ	71	294	EP		0153	8.411	-0.41							1.0

BERA	HZ	71	294	IAML	0153	9.010			214	0.2				
SRN	HZ	87	224	EP	0153	1.919	0.37							1.0
SRN	HN	87	224	ES	0153	4.318	0.42							1.0
SRN	HZ	87	224	IAML	0153	6.699			37	0.4				
JAN	HZ	88	172	EP	0153	1.029	-0.71							1.0
KZN	HZ	91	99	EP	0153	2.955	0.71							1.0
KZN	HN	91	99	ES	0153	5.175	0.01							1.0
VLO	HZ	103	272	EP	0153	4.538	0.29							1.0
VLO	HZ	103	272	IAML	0153	6.069			55	0.5				
IGT	HZ	106	198	EP	0153	5.054	0.31							1.0
IGT	HZ	106	198	IAML	0153	3.600			25	0.5				
KEK	HZ	113	224	EP	0153	6.154	0.36							1.0
KEK	HZ	113	224	IAML	0153	8.529			42	0.7				
TIR	HZ	123	325	EP	0153	7.466	-0.10							1.0
TIR	HZ	123	325	IAML	0153	3.568			12	0.2				
PHP	HZ	140	351	EP	0153	0.110	-0.23							1.0
THL	HZ	148	131	EP	0153	1.045	-0.62							1.0
LACI	HZ	157	328	EP	0153	2.952	-0.19							1.0

March 23 2023 Hour: 2: 0 4.1 Lat: 40.46N Lon: 20.74E D: 4.1 Ag: TIR Local  
Magnitudes: 2.3ML TIR Rms: 0.4 secs  
10 km N of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	19	12	EP		0200	7.603	-0.08							1.0
KBN	HE	19	12	ES		0200	0.829	0.28							1.0
KBN	HZ	19	12	IAML		0200	2.509			233	0.5				
NEST	HZ	27	100	EP		0200	8.970	-0.01							1.0
NEST	HN	27	100	ES		0200	2.984	0.08							1.0
NEST	HZ	27	100	IAML		0200	4.874			708	0.3				
LSK	HZ	36	200	EP		0200	0.617	-0.01							1.0
LSK	HN	36	200	ES		0200	5.794	-0.08							1.0
LSK	HZ	36	200	IAML		0200	7.492			316	0.8				
TPE	HZ	64	254	EP		0200	5.592	-0.01							1.0
TPE	HE	64	254	ES		0200	5.123	0.23							1.0
TPE	HZ	64	254	IAML		0200	0.178			50	0.3				
BERA	HZ	72	293	EP		0200	6.994	-0.10							1.0
BERA	HN	72	293	ES		0200	6.570	-1.01							1.0
BERA	HZ	72	293	IAML		0200	1.278			58	0.1				
JAN	HZ	89	174	EP		0200	0.155	0.07							1.0
KZN	HZ	89	100	EP		0200	0.252	0.18							1.0
KZN	HE	89	100	ES		0200	2.934	-0.05							1.0
SRN	HZ	90	225	EP		0200	0.350	0.18							1.0
SRN	HN	90	225	ES		0200	2.964	-0.19							1.0
SRN	HZ	90	225	IAML		0200	3.762			23	0.9				
VLO	HZ	106	271	EP		0200	3.179	0.29							1.0
VLO	HZ	106	271	IAML		0200	5.080			49	0.4				
IGT	HZ	108	199	EP		0200	3.574	0.24							1.0
IGT	HE	108	199	ES		0200	8.312	-0.57							1.0
IGT	HZ	108	199	IAML		0200	5.782			26	0.8				
KEK	HZ	115	225	EP		0200	5.108	0.63							1.0
KEK	HZ	115	225	IAML		0200	7.890			30	0.2				
TIR	HZ	124	324	EP		0200	5.908	0.01							1.0
TIR	HZ	124	324	IAML		0200	8.030			9	0.5				
PHP	HZ	139	350	EP		0200	8.042	-0.44							1.0
PHP	HE	139	350	ES		0200	7.953	-0.24							1.0
PHP	HZ	139	350	IAML		0200	0.050			20	0.9				
THL	HZ	147	132	EP		0200	9.812	0.02							1.0
LACI	HZ	157	327	EP		0200	1.763	0.32							1.0
PUK	HZ	190	338	EP		0200	7.464	0.75							0.9
PUK	HZ	190	338	IAML		0201	9.910			12	0.6				
SCTE	HZ	198	258	EP		0200	8.202	0.58							0.9
SDA	HZ	205	330	EP		0200	8.857	0.29							0.9
PLG	HZ	230	91	EP		0200	0.312	-1.44							0.9



March 23 2023 Hour: 2: 6 31.5 Lat: 40.42N Lon: 20.70E D: 2.1 Ag: TIR Local  
 Magnitudes: 2.2ML TIR Rms: 0.4 secs  
 7 km N of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	24	18	EP		0206	5.743	-0.03							1.0
KBN	HE	24	18	ES		0206	8.718	-0.50							1.0
KBN	HZ	24	18	IAML		0206	1.530			287	0.4				
NEST	HZ	30	91	EP		0206	7.070	0.26							1.0
NEST	HN	30	91	ES		0206	1.530	0.42							1.0
NEST	HZ	30	91	IAML		0206	3.759			173	0.3				
LSK	HZ	31	196	EP		0206	7.243	0.11							1.0
LSK	HN	31	196	ES		0206	1.869	0.18							1.0
LSK	HZ	31	196	IAML		0206	5.407			496	0.5				
TPE	HZ	60	257	EP		0206	1.821	-0.40							1.0
TPE	HE	60	257	ES		0206	0.998	0.11							1.0
TPE	HZ	60	257	IAML		0207	0.579			64	0.5				
BERA	HZ	71	296	EP		0206	3.566	-0.62							1.0
BERA	HZ	71	296	IAML		0206	3.502			102	0.2				
SRN	HZ	85	225	EP		0206	6.765	0.13							1.0
SRN	HE	85	225	ES		0206	8.769	-0.12							1.0
JAN	HZ	86	171	EP		0206	6.667	-0.17							1.0
KZN	HZ	92	98	EP		0206	8.073	0.17							1.0
KZN	HN	92	98	ES		0207	0.482	-0.70							1.0
VLO	HZ	102	273	EP		0206	0.337	0.53							1.0
VLO	HZ	102	273	IAML		0207	0.329			42	0.3				
IGT	HZ	104	198	EP		0206	0.094	0.09							1.0
IGT	HN	104	198	ES		0207	4.820	-0.17							1.0
IGT	HZ	104	198	IAML		0207	2.310			23	0.7				
KEK	HZ	110	225	EP		0206	2.003	0.86							1.0
KEK	HN	110	225	ES		0207	6.597	-0.45							1.0
TIR	HZ	125	326	EP		0206	3.891	0.30							1.0
TIR	HZ	125	326	IAML		0207	1.268			9	0.4				
PHP	HZ	142	351	EP		0206	6.569	0.06							1.0
PHP	HZ	142	351	IAML		0207	2.719			13	0.6				
LACI	HZ	158	329	EP		0206	9.615	0.43							0.9
PUK	HZ	192	340	EP		0207	5.074	0.44							0.9
SCTE	HZ	194	259	EP		0207	3.801	-0.93							0.9

March 23 2023 Hour: 2: 8 4.4 Lat: 40.43N Lon: 20.69E D: 6.1 Ag: TIR Local  
 Magnitudes: 2.4ML TIR Rms: 0.5 secs  
 8 km N of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	23	20	EP		0208	8.853	0.22							1.0
KBN	HN	23	20	ES		0208	1.868	-0.19							1.0
KBN	HZ	23	20	IAML		0208	2.846			423	0.5				
NEST	HZ	30	94	EP		0208	0.238	0.29							1.0
NEST	HN	30	94	ES		0208	4.435	0.00							1.0
NEST	HZ	30	94	IAML		0208	6.187			255	0.4				
LSK	HZ	32	194	EP		0208	0.563	0.24							1.0
LSK	HN	32	194	ES		0208	5.413	0.29							1.0
LSK	HZ	32	194	IAML		0208	8.713			712	0.5				
TPE	HZ	60	255	EP		0208	5.372	0.27							1.0
TPE	HE	60	255	ES		0208	3.808	0.03							1.0
TPE	HZ	60	255	IAML		0208	9.672			93	0.5				
BERA	HZ	70	296	EP		0208	6.651	-0.26							1.0
BERA	HE	70	296	ES		0208	6.086	-0.97							1.0
BERA	HZ	70	296	IAML		0208	6.925			67	0.2				
SRN	HZ	85	224	EP		0208	9.889	0.27							1.0
SRN	HE	85	224	ES		0208	2.266	0.33							1.0
SRN	HZ	85	224	IAML		0208	4.481			34	0.7				
JAN	HZ	87	171	EP		0208	9.582	-0.40							1.0
KZN	HZ	93	98	EP		0208	0.382	-0.52							1.0
KZN	HN	93	98	ES		0208	4.329	0.06							1.0

IGT	HZ	105	197	EP	0208	3.167	0.29									1.0
IGT	HN	105	197	ES	0208	7.537	-0.30									1.0
IGT	HZ	105	197	IAML	0208	0.118			32	1.9						
KEK	HZ	111	224	EP	0208	3.904	0.05									1.0
KEK	HN	111	224	ES	0208	9.198	-0.42									1.0
TIR	HZ	123	326	EP	0208	6.095	0.11									1.0
PHP	HZ	141	351	EP	0208	8.700	-0.21									1.0
PHP	HZ	141	351	IAML	0209	1.716			63	0.8						
LACI	HZ	157	329	EP	0208	2.060	0.49									1.0
LACI	HZ	157	329	IAML	0209	4.996			34	1.2						
LKD2	HZ	183	181	EP	0208	6.052	0.35									0.9
PUK	HZ	191	340	EP	0208	8.103	1.26									0.9
PUK	HZ	191	340	IAML	0209	3.827			15							
SCTE	HZ	194	259	EP	0208	6.345	-0.73									0.9
SDA	HZ	206	331	EP	0208	9.398	0.79									0.9
PLG	HZ	234	91	EP	0208	0.909	-1.35									0.9

**March 23 2023 Hour: 2: 8 36.0 Lat: 40.44N Lon: 20.68E D: 10.3 Ag: TIR Local**  
**Magnitudes: 2.8ML TIR Rms: 0.4 secs**

**10 km NW of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	22	25	EP		0208	0.621	0.21							1.0
KBN	HN	22	25	ES		0208	3.476	-0.49							1.0
KBN	HZ	22	25	IAML		0208	4.474			702	0.5				
NEST	HZ	32	96	EP		0208	2.116	0.07							1.0
NEST	HE	32	96	ES		0208	6.945	0.04							1.0
NEST	HZ	32	96	IAML		0208	7.757			678	0.4				
LSK	HZ	34	192	EP		0208	2.548	0.19							1.0
LSK	HE	34	192	ES		0208	7.186	-0.28							1.0
LSK	HZ	34	192	IAML		0208	0.325			1771	0.5				
TPE	HZ	59	254	EP		0208	7.114	0.53							1.0
TPE	HE	59	254	ES		0208	5.475	0.34							1.0
TPE	HZ	59	254	IAML		0209	1.099			373	0.7				
BERA	HZ	68	295	EP		0208	8.113	-0.01							1.0
BERA	HE	68	295	ES		0208	7.532	-0.38							1.0
BERA	HZ	68	295	IAML		0209	3.596			173	0.4				
SRN	HZ	85	223	EP		0208	1.501	0.50							1.0
SRN	HE	85	223	ES		0209	2.075	-1.05							1.0
SRN	HZ	85	223	IAML		0209	5.766			83	0.5				
JAN	HZ	89	170	EP		0208	1.966	0.34							1.0
KZN	HZ	94	99	EP		0208	2.790	0.27							1.0
KZN	HN	94	99	ES		0209	5.737	-0.13							1.0
IGT	HZ	106	196	EP		0208	4.594	0.19							1.0
THL	HE	150	130	ES		0209	2.361	-0.37							1.0

**March 23 2023 Hour: 2: 9 33.8 Lat: 40.44N Lon: 20.71E D: 6.9 Ag: TIR Local**  
**Magnitudes: 3.7ML TIR 3.9MW TIR Rms: 0.4 secs**

**8 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	22	18	EP		0209	8.481	0.55							1.0
KBN	HN	22	18	ES		0209	1.350	0.11							1.0
KBN	HZ	22	18	IAML		0209	6.874			5576	0.4				
NEST	HZ	29	95	EP		0209	9.814	0.61							1.0
NEST	HN	29	95	ES		0209	3.589	0.05							1.0
NEST	HZ	29	95	IAML		0209	5.148			6860	0.4				
LSK	HZ	33	196	EP		0209	0.054	0.08							1.0
LSK	HN	33	196	ES		0209	4.758	-0.19							1.0
LSK	HZ	33	196	IAML		0209	8.838			14732	0.7				
TPE	HZ	61	255	EP		0209	4.722	-0.10							1.0
TPE	HN	61	255	ES		0209	3.539	-0.18							1.0
TPE	HZ	61	255	IAML		0209	9.355			2709	0.6				
BERA	HZ	71	295	EP		0209	6.157	-0.38							1.0
BERA	HE	71	295	ES		0209	5.922	-0.89							1.0
BERA	HZ	71	295	IAML		0209	8.622			956	0.3				

SRN	HZ	87	224	EP	0209	8.904	-0.34										1.0
SRN	HE	87	224	ES	0210	2.046	0.33										1.0
SRN	HZ	87	224	IAML	0210	0.707			581	0.5							
KZN	HZ	91	99	EP	0209	0.301	0.21										1.0
KZN	HE	91	99	ES	0210	3.269	0.02										1.0
BPA2	HZ	98	290	EP	0209	1.460	0.34										1.0
VLO	HZ	103	272	EP	0209	2.307	0.32										1.0
VLO	HE	103	272	ES	0210	7.021	0.34										1.0
VLO	HZ	103	272	IAML	0210	1.384			1389	1.0							
IGT	HZ	106	198	EP	0209	2.697	0.26										1.0
IGT	HE	106	198	ES	0210	7.180	-0.33										1.0
IGT	HZ	106	198	IAML	0210	1.104			911	0.7							
KEK	HZ	112	224	EP	0209	3.477	-0.01										1.0
KEK	HN	112	224	ES	0210	9.379	-0.02										1.0
KEK	HZ	112	224	IAML	0210	3.718			1162	1.1							
TIR	HZ	123	325	EP	0209	5.683	0.28										1.0
TIR	HN	123	325	ES	0210	3.312	0.44										1.0
TIR	HZ	123	325	IAML	0210	3.675			339	0.9							
PHP	HZ	140	351	EP	0209	8.298	0.08										1.0
PHP	HZ	140	351	IAML	0210	9.896			703	0.7							
THL	HZ	148	131	EP	0209	8.952	-0.49										1.0
LACI	HZ	157	328	EP	0210	0.506	-0.47										1.0
LACI	HN	157	328	ES	0210	2.606	-0.36										1.0
LACI	HZ	157	328	IAML	0210	8.442			511	0.9							
LKD2	HZ	183	181	EP	0210	5.883	0.75										0.9
PUK	HZ	191	339	EP	0210	6.293	0.13										0.9
PUK	HZ	191	339	IAML	0210	7.088			253	0.7							
THE	HZ	192	83	EP	0210	4.981	-1.26										0.9
THE	HZ	192	83	IAML	0210	2.770			128	1.0							
SCTE	HZ	195	259	EP	0210	7.070	0.47										0.9
SDA	HZ	206	331	EP	0210	8.274	0.32										0.9
SDA	HZ	206	331	IAML	0210	7.301			63	0.8							
BCI	HZ	221	346	EP	0210	0.343	0.40										0.9
BCI	HZ	221	346	IAML	0210	0.372			553	1.5							
PLG	HZ	232	91	EP	0210	0.902	-0.53										0.9
PDG	HZ	252	332	EP	0210	4.067	0.16										0.9
PDG	HZ	252	332	IAML	0210	9.351			145	0.8							
BOSS	SZ	272	32	EP	0210	5.835	-0.65										0.9
BARS	BZ	280	19	EP	0210	6.917	-0.57										0.8
BARS	BZ	280	19	IAML	0211	6.503			143	1.2							
ITM	HZ	377	163	EP	0210	0.230	0.27										0.8

**March 23 2023 Hour: 2:11 48.7 Lat: 40.44N Lon: 20.71E D: 9.3 Ag: TIR Local**  
**Magnitudes: 2.6ML TIR 3.9MW TIR Rms: 0.3 secs**  
**9 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	21	18	EP		0211	3.357	0.52							1.0
KBN	HE	21	18	ES		0211	5.967	-0.23							1.0
KBN	HZ	21	18	IAML		0211	8.174			559	0.2				
NEST	HZ	29	96	EP		0211	4.453	0.30							1.0
NEST	HN	29	96	ES		0211	8.706	0.12							1.0
NEST	HZ	29	96	IAML		0211	9.702			627	0.1				
LSK	HZ	34	196	EP		0211	5.018	-0.01							1.0
LSK	HN	34	196	ES		0211	9.751	-0.41							1.0
LSK	HZ	34	196	IAML		0212	4.353			687	0.3				
TPE	HZ	61	255	EP		0211	9.437	-0.30							1.0
TPE	HE	61	255	ES		0212	9.267	0.57							1.0
TPE	HZ	61	255	IAML		0212	4.126			113	0.2				
BERA	HZ	71	294	EP		0212	0.891	-0.38							1.0
BERA	HZ	71	294	IAML		0212	2.939			262	0.1				
SRN	HZ	87	224	EP		0212	4.427	0.41							1.0
SRN	HE	87	224	ES		0212	6.846	0.41							1.0
SRN	HZ	87	224	IAML		0212	8.010			54	0.5				
KZN	HZ	91	99	EP		0212	4.949	0.18							1.0

KZN	HE	91	99	ES	0212	8.057	0.26								1.0
BPA2	HZ	98	289	EP	0212	5.722	-0.07								1.0
VLO	HZ	103	272	EP	0212	6.363	-0.33								1.0
VLO	HZ	103	272	IAML	0212	0.339			111	0.5					
IGT	HZ	106	198	EP	0212	7.272	0.05								1.0
IGT	HN	106	198	ES	0212	1.929	-0.31								1.0
IGT	HZ	106	198	IAML	0212	5.754			71	0.6					
TIR	HZ	123	325	EP	0212	9.923	-0.10								1.0
TIR	HZ	123	325	IAML	0212	8.142			27	0.5					
PHP	HZ	140	351	EP	0212	2.685	-0.13								1.0
PHP	HN	140	351	ES	0212	1.795	-0.57								1.0
PHP	HZ	140	351	IAML	0212	4.979			35	0.9					
THL	HZ	148	131	EP	0212	3.743	-0.43								1.0
THL	HN	148	131	ES	0212	4.465	-0.36								1.0
LACI	HZ	157	328	EP	0212	6.061	0.46								1.0
LACI	HZ	157	328	IAML	0212	1.453			51	0.6					
PUK	HZ	190	339	EP	0212	0.958	0.32								0.9
PUK	HZ	190	339	IAML	0212	0.964			17	0.7					

**March 23 2023 Hour: 2:19 38.5 Lat: 40.41N Lon: 20.75E D: 6.2 Ag: TIR Local**  
**Magnitudes: 2.7ML TIR Rms: 0.6 secs**  
**6 km NE of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	24	7	EP		0219	2.887	-0.01							1.0
KBN	HE	24	7	ES		0219	6.419	-0.03							1.0
KBN	HZ	24	7	IAML		0219	7.458			929	0.5				
NEST	HZ	25	90	EP		0219	4.199	1.03							1.0
NEST	HN	25	90	ES		0219	6.808	-0.12							1.0
NEST	HZ	25	90	IAML		0219	0.111			690	0.3				
LSK	HZ	32	204	EP		0219	4.693	0.31							1.0
LSK	HN	32	204	ES		0219	9.309	0.17							1.0
LSK	HZ	32	204	IAML		0219	2.507			635	0.4				
TPE	HZ	64	258	EP		0219	9.142	-0.88							1.0
TPE	HN	64	258	ES		0219	8.495	-0.84							1.0
TPE	HZ	64	258	IAML		0220	7.791			139	0.5				
BERA	HZ	75	296	IAML		0220	2.373			259	0.3				
JAN	HZ	84	174	EP		0219	3.212	-0.42							1.0
JAN	HN	84	174	ES		0220	5.657	-0.21							1.0
KZN	HZ	87	97	EP		0219	4.560	0.45							1.0
KZN	HE	87	97	ES		0220	7.021	0.27							1.0
SRN	HZ	87	228	EP		0219	3.871	-0.21							1.0
SRN	HN	87	228	ES		0220	6.101	-0.59							1.0
SRN	HZ	87	228	IAML		0220	8.416			60	0.4				
BPA2	HZ	102	290	EP		0219	7.069	0.48							1.0
IGT	HZ	104	200	EP		0219	7.175	0.26							1.0
IGT	HN	104	200	ES		0220	2.184	0.37							1.0
IGT	HZ	104	200	IAML		0220	4.978			73	0.6				
VLO	HZ	107	274	EP		0219	8.433	1.07							1.0
VLO	HN	107	274	ES		0220	3.166	0.54							1.0
VLO	HZ	107	274	IAML		0220	9.591			143	0.4				
KEK	HZ	113	227	EP		0219	8.909	0.59							1.0
KEK	HZ	113	227	IAML		0220	7.512			80	0.9				
TIR	HZ	128	324	EP		0220	0.294	-0.58							1.0
TIR	HN	128	324	ES		0220	9.249	0.26							1.0
TIR	HZ	128	324	IAML		0220	7.712			35	0.5				
THL	HZ	143	131	EP		0220	3.348	-0.02							1.0
THL	HE	143	131	ES		0220	2.515	-0.99							1.0
PHP	HZ	144	350	EP		0220	2.991	-0.52							1.0
PHP	HN	144	350	ES		0220	3.513	-0.25							1.0
PHP	HZ	144	350	IAML		0220	9.142			48	1.0				
LACI	HZ	161	328	EP		0220	6.272	-0.16							0.9
LACI	HE	161	328	ES		0220	9.207	0.16							0.9
LACI	HZ	161	328	IAML		0220	0.961			68	0.5				
LKD2	HZ	181	183	EP		0220	0.557	1.01							0.9

PUK	HZ	195	339	EP	0220	1.182	-0.25									0.9
PUK	HE	195	339	ES	0220	8.541	0.44									0.9
PUK	HZ	195	339	IAML	0220	1.659				21	1.8					
SCTE	HZ	198	260	EP	0220	1.905	0.13									0.9
SDA	HZ	210	330	EP	0220	3.061	-0.21									0.9
SDA	HN	210	330	ES	0220	1.019	-0.40									0.9
BCI	HZ	224	345	EP	0220	5.843	0.66									0.9
BCI	HN	224	345	ES	0220	5.174	0.30									0.9
BCI	HZ	224	345	IAML	0220	5.883				31	0.6					
PLG	HZ	228	90	EP	0220	4.591	-1.11									0.9
PDG	HZ	256	331	EP	0220	8.212	-1.01									0.9

**March 23 2023 Hour: 2:21 0.9 Lat: 40.42N Lon: 20.72E D: 2.3 Ag: TIR Local**  
**Magnitudes: 2.9ML TIR Rms: 0.4 secs**  
**6 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	23	15	EP		0221	5.552	0.46							1.0
KBN	HN	23	15	ES		0221	8.231	-0.28							1.0
KBN	HZ	23	15	IAML		0221	9.388			1293	0.5				
NEST	HZ	28	91	EP		0221	6.527	0.56							1.0
NEST	HZ	28	91	IAML		0221	2.475			1090	0.6				
LSK	HZ	32	198	EP		0221	7.274	0.72							1.0
LSK	HN	32	198	ES		0221	1.356	0.20							1.0
LSK	HZ	32	198	IAML		0221	5.083			1743	0.3				
TPE	HZ	61	257	EP		0221	1.754	-0.04							1.0
TPE	HN	61	257	ES		0221	0.103	-0.54							1.0
TPE	HZ	61	257	IAML		0221	8.017			328	0.7				
BERA	HZ	72	296	EP		0221	2.845	-0.91							1.0
BERA	HZ	72	296	IAML		0221	4.961			417	0.2				
JAN	HZ	86	172	EP		0221	5.604	-0.56							1.0
SRN	HZ	86	226	EP		0221	6.222	0.07							1.0
SRN	HN	86	226	ES		0221	8.665	0.14							1.0
SRN	HZ	86	226	IAML		0221	2.001			86	0.6				
JAN	HN	86	172	ES		0221	7.494	-1.05							1.0
KZN	HZ	91	98	EP		0221	7.157	0.10							1.0
KZN	HE	91	98	ES		0221	0.251	0.10							1.0
VLO	HZ	104	273	EP		0221	9.806	0.41							1.0
VLO	HN	104	273	ES		0221	4.762	0.37							1.0
VLO	HZ	104	273	IAML		0221	8.892			196	0.4				
IGT	HZ	104	198	EP		0221	9.913	0.48							1.0
IGT	HN	104	198	ES		0221	4.470	0.02							1.0
IGT	HZ	104	198	IAML		0221	7.490			145	0.6				
KEK	HZ	111	225	EP		0221	0.634	0.01							1.0
TIR	HZ	125	325	EP		0221	2.692	-0.38							1.0
TIR	HN	125	325	ES		0221	1.394	0.35							1.0
TIR	HZ	125	325	IAML		0221	0.263			60	0.5				
PHP	HZ	142	351	EP		0221	5.496	-0.41							1.0
PHP	HN	142	351	ES		0221	5.979	-0.19							1.0
PHP	HZ	142	351	IAML		0221	6.914			87	0.5				
THL	HZ	146	130	EP		0221	6.041	-0.44							1.0
LACI	HZ	159	328	EP		0221	8.689	0.04							0.9
LACI	HZ	159	328	IAML		0221	2.132			56	2.3				
LKD2	HZ	181	182	EP		0221	2.808	0.44							0.9
PUK	HZ	193	339	EP		0221	4.074	0.04							0.9
PUK	HZ	193	339	IAML		0222	3.318			34	0.7				
SCTE	HZ	195	259	EP		0221	4.556	0.33							0.9
SDA	HZ	208	331	EP		0221	5.656	-0.16							0.9
SDA	HZ	208	331	IAML		0222	2.528			8	0.7				
BCI	HZ	223	346	EP		0221	8.425	0.60							0.9
BCI	HZ	223	346	IAML		0222	6.077			46	0.6				
PDG	HZ	254	332	EP		0221	1.317	-0.46							0.9
PDG	HZ	254	332	IAML		0222	5.088			25	0.8				

**March 23 2023 Hour: 2:22 45.3 Lat: 40.44N Lon: 20.73E D: 15.2 Ag: TIR Local**  
**Magnitudes: 3.5ML TIR 3.7MW TIR Rms: 0.4 secs**  
**8 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	21	13	EP		0222	9.872	-0.08							1.0
KBN	HN	21	13	ES		0222	3.482	-0.26							1.0
KBN	HZ	21	13	IAML		0223	0.962			3844	0.6				
NEST	HZ	27	95	EP		0222	1.149	0.33							1.0
NEST	HN	27	95	ES		0222	5.251	-0.08							1.0
NEST	HZ	27	95	IAML		0222	6.944			4643	0.3				
LSK	HZ	34	199	EP		0222	1.492	-0.31							1.0
LSK	HN	34	199	ES		0222	7.262	0.16							1.0
LSK	HZ	34	199	IAML		0223	2.583			4496	0.5				
TPE	HZ	63	256	EP		0222	5.908	-0.56							1.0
TPE	HN	63	256	ES		0223	5.743	0.20							1.0
TPE	HZ	63	256	IAML		0223	5.670			1841	1.1				
BERA	HZ	72	294	EP		0222	7.036	-1.03							1.0
BERA	HZ	72	294	IAML		0223	9.005			1114	0.5				
SRN	HZ	88	225	EP		0223	0.790	0.20							1.0
SRN	HN	88	225	ES		0223	2.698	-0.31							1.0
SRN	HZ	88	225	IAML		0223	6.460			415	0.6				
KZN	HZ	90	99	EP		0223	1.272	0.28							1.0
KZN	HN	90	99	ES		0223	4.151	0.42							1.0
BPA2	HZ	100	290	EP		0223	2.906	0.33							1.0
VLO	HZ	105	272	EP		0223	4.150	0.71							1.0
VLO	HN	105	272	ES		0223	8.425	0.25							1.0
VLO	HZ	105	272	IAML		0223	4.780			907	0.7				
IGT	HZ	106	199	EP		0223	3.985	0.33							1.0
IGT	HE	106	199	ES		0223	8.301	-0.26							1.0
IGT	HZ	106	199	IAML		0223	2.429			530	0.8				
KEK	HZ	113	225	EP		0223	4.787	-0.03							1.0
KEK	HN	113	225	ES		0223	0.833	0.17							1.0
KEK	HZ	113	225	IAML		0223	5.019			700	1.0				
TIR	HZ	125	325	EP		0223	6.288	-0.49							1.0
TIR	HZ	125	325	IAML		0223	6.706			113	0.3				
PHP	HZ	141	350	EP		0223	0.029	0.55							1.0
PHP	HE	141	350	ES		0223	9.205	0.10							1.0
PHP	HZ	141	350	IAML		0223	5.423			302	0.8				
THL	HZ	146	131	EP		0223	0.242	-0.13							1.0
THL	HN	146	131	ES		0223	0.886	0.18							1.0
LACI	HZ	158	328	EP		0223	1.674	-0.56							0.9
LACI	HN	158	328	ES		0223	4.365	0.29							0.9
LACI	HZ	158	328	IAML		0223	9.568			199	0.6				
LKD2	HZ	183	182	EP		0223	5.335	-0.23							0.9
THE	HZ	191	83	EP		0223	5.666	-0.83							0.9
THE	HZ	191	83	IAML		0223	4.270			58	0.8				
PUK	HZ	192	339	IAML		0223	7.580			114	0.9				
SCTE	HZ	197	259	EP		0223	6.856	-0.41							0.9
SDA	HZ	207	331	EP		0223	9.450	0.90							0.9
SDA	HZ	207	331	IAML		0223	6.875			23	0.8				
BCI	HZ	221	346	IAML		0224	0.570			193	1.2				
PLG	HZ	231	91	EP		0223	1.316	-0.36							0.9
VLS	HZ	251	183	EP		0223	4.770	0.49							0.9
PDG	HZ	253	331	EP		0223	5.057	0.56							0.9
PDG	HZ	253	331	IAML		0224	0.577			80	1.3				
BOSS	SZ	271	32	EP		0223	6.672	-0.19							0.9
NVR	HZ	283	68	EP		0223	8.049	-0.36							0.8

**March 23 2023 Hour: 2:24 36.3 Lat: 40.42N Lon: 20.68E D: 11.4 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR 3.7MW TIR Rms: 0.3 secs**  
**7 km NW of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	25	22	EP		0224	1.436	0.26							1.0
KBN	HN	25	22	ES		0224	4.943	-0.20							1.0
KBN	HZ	25	22	IAML		0224	6.392			142	0.2				
LSK	HZ	31	193	EP		0224	2.041	-0.11							1.0
LSK	HN	31	193	ES		0224	6.970	0.06							1.0
LSK	HZ	31	193	IAML		0224	1.726			166	0.7				
NEST	HZ	32	91	EP		0224	2.610	0.29							1.0
NEST	HN	32	91	ES		0224	7.153	-0.05							1.0
NEST	HZ	32	91	IAML		0224	7.939			180	0.2				
TPE	HZ	58	256	EP		0224	6.547	-0.11							1.0
TPE	HZ	58	256	IAML		0225	0.952			32	0.2				
BERA	HZ	69	297	EP		0224	8.922	0.38							1.0
BERA	HN	69	297	ES		0224	8.316	-0.16							1.0
BERA	HZ	69	297	IAML		0224	9.399			59	0.2				
KZN	HZ	94	97	EP		0224	2.090	-0.57							1.0
KZN	HN	94	97	ES		0225	6.142	0.21							1.0

**March 23 2023 Hour: 2:28 40.3 Lat: 40.43N Lon: 20.72E D: 1.6 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.4 secs**  
**7 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	23	15	EP		0228	4.859	0.46							1.0
KBN	HN	23	15	ES		0228	7.660	-0.05							1.0
NEST	HZ	28	93	EP		0228	5.916	0.52							1.0
NEST	HN	28	93	ES		0228	9.633	0.12							1.0
NEST	HZ	28	93	IAML		0228	1.229			121	0.4				
LSK	HZ	32	198	EP		0228	6.296	0.19							1.0
LSK	HE	32	198	ES		0228	0.748	-0.04							1.0
LSK	HZ	32	198	IAML		0228	4.473			147	0.3				
TPE	HZ	61	256	EP		0228	0.828	-0.43							1.0
TPE	HN	61	256	ES		0228	9.939	-0.18							1.0
BERA	HZ	72	296	EP		0228	2.286	-0.85							1.0
BERA	HZ	72	296	IAML		0229	5.188			35	0.3				
SRN	HZ	86	225	EP		0228	5.777	0.10							1.0
SRN	HE	86	225	ES		0229	8.299	0.18							1.0
SRN	HZ	86	225	IAML		0229	1.865			9	0.5				
JAN	HZ	86	172	EP		0228	5.632	-0.09							1.0
KZN	HZ	91	98	EP		0228	6.570	0.06							1.0
KZN	HN	91	98	ES		0229	9.050	-0.57							1.0
VLO	HZ	104	273	EP		0228	8.718	-0.11							1.0
IGT	HZ	105	198	EP		0228	9.104	0.12							1.0
IGT	HN	105	198	ES		0229	4.398	0.30							1.0
KEK	HZ	111	225	EP		0229	0.605	0.40							1.0
KEK	HZ	111	225	IAML		0229	4.376			17	0.7				
THL	HZ	146	130	EP		0229	5.407	-0.64							1.0
LACI	HZ	158	328	EP		0229	8.487	0.45							0.9
LACI	HZ	158	328	IAML		0229	2.986			6	0.5				
LKD2	HZ	182	182	EP		0229	1.799	-0.17							0.9
PUK	HZ	192	339	EP		0229	3.741	0.25							0.9

**March 23 2023 Hour: 2:30 21.2 Lat: 40.44N Lon: 20.71E D: 2.3 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR Rms: 0.3 secs**  
**9 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	21	18	EP		0230	5.376	0.44							1.0
KBN	HN	21	18	ES		0230	8.218	0.24							1.0
KBN	HZ	21	18	IAML		0230	1.010			419	0.4				
NEST	HZ	29	97	EP		0230	6.484	0.14							1.0
NEST	HE	29	97	ES		0230	0.384	-0.15							1.0

NEST	HZ	29	97	IAML	0230	1.639			835	0.3				
LSK	HZ	34	196	EP	0230	7.329	0.02							1.0
LSK	HE	34	196	ES	0230	2.263	-0.01							1.0
LSK	HZ	34	196	IAML	0230	4.328			530	0.7				
TPE	HZ	62	254	EP	0230	2.337	0.17							1.0
TPE	HE	62	254	ES	0230	1.038	-0.03							1.0
TPE	HZ	62	254	IAML	0230	7.052			79	1.0				
BERA	HZ	71	294	EP	0230	3.311	-0.49							1.0
BERA	HN	71	294	ES	0230	3.582	-0.45							1.0
BERA	HZ	71	294	IAML	0230	3.816			88	0.3				
SRN	HZ	87	224	EP	0230	7.022	0.26							1.0
SRN	HN	87	224	ES	0230	9.673	0.28							1.0
SRN	HZ	87	224	IAML	0231	0.566			33	0.7				
JAN	HZ	88	172	EP	0230	6.665	-0.29							1.0
KZN	HZ	91	99	EP	0230	7.271	-0.20							1.0
KZN	HN	91	99	ES	0230	0.492	-0.18							1.0
IGT	HZ	106	198	EP	0230	0.185	0.00							1.0
IGT	HN	106	198	ES	0230	5.646	0.07							1.0
IGT	HZ	106	198	IAML	0230	8.340			34	0.6				
KEK	HN	113	224	ES	0230	7.520	0.06							1.0
KEK	HZ	113	224	IAML	0231	4.197			43	0.8				
TIR	HZ	123	325	EP	0230	2.479	-0.48							1.0
TIR	HZ	123	325	IAML	0231	7.277			14	0.6				
PHP	HZ	140	351	EP	0230	5.807	0.07							1.0
PHP	HZ	140	351	IAML	0231	6.071			29	1.4				
LACI	HZ	157	328	EP	0230	8.431	-0.10							1.0
LACI	HN	157	328	ES	0231	1.226	0.53							1.0
LACI	HZ	157	328	IAML	0231	9.468			28	0.4				
LKD2	HZ	184	181	EP	0230	3.262	0.14							0.9
PUK	HZ	190	339	EP	0230	4.276	0.28							0.9
PUK	HN	190	339	ES	0231	0.776	0.20							0.9
PUK	HZ	190	339	IAML	0231	6.748			19	0.5				
SDA	HZ	205	331	EP	0230	5.862	0.07							0.9
PDG	HZ	252	332	EP	0231	1.763	0.01							0.9
PDG	HE	252	332	ES	0231	4.005	-0.61							0.9
PDG	HZ	252	332	IAML	0231	9.518			12	1.3				

**March 23 2023 Hour: 2:29 46.6 Lat: 40.45N Lon: 20.71E D: 13.0 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.3 secs**

**10 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	20	18	EP		0229	1.086	0.20							1.0
KBN	HE	20	18	ES		0229	4.342	-0.03							1.0
KBN	HZ	20	18	IAML		0229	5.496			118	0.3				
NEST	HZ	29	98	EP		0229	2.373	0.16							1.0
NEST	HN	29	98	ES		0229	6.485	-0.30							1.0
NEST	HZ	29	98	IAML		0229	7.086			122	0.3				
LSK	HZ	35	196	EP		0229	3.161	-0.04							1.0
LSK	HE	35	196	ES		0229	8.756	0.18							1.0
LSK	HZ	35	196	IAML		0230	1.602			69	0.8				
BERA	HZ	71	294	EP		0229	8.632	-0.42							1.0
BERA	HZ	71	294	IAML		0230	1.396			15	0.2				
SRN	HZ	88	224	EP		0230	2.455	0.52							1.0
SRN	HE	88	224	ES		0230	4.353	-0.02							1.0
JAN	HZ	89	172	EP		0230	1.453	-0.70							1.0
KZN	HZ	91	100	EP		0230	2.974	0.44							1.0

**March 23 2023 Hour: 2:36 28.4 Lat: 40.43N Lon: 20.72E D: 12.3 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR Rms: 0.4 secs**

**8 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	22	16	EP		0236	3.341	0.41							1.0
KBN	HE	22	16	ES		0236	6.684	0.09							1.0
KBN	HZ	22	16	IAML		0236	7.446			213	0.2				



NEST	HZ	28	94	EP	0236	4.374	0.44										1.0
NEST	HE	28	94	ES	0236	7.907	-0.52										1.0
NEST	HZ	28	94	IAML	0236	9.646			148	0.2							
LSK	HZ	33	198	EP	0236	5.061	0.35										1.0
LSK	HN	33	198	ES	0236	9.438	-0.38										1.0
LSK	HZ	33	198	IAML	0236	3.005			302	0.3							
TPE	HZ	62	256	EP	0236	9.671	0.29										1.0
TPE	HE	62	256	ES	0236	8.084	-0.19										1.0
TPE	HZ	62	256	IAML	0236	5.494			30	0.2							
BERA	HZ	72	295	EP	0236	1.386	0.35										1.0
BERA	HN	72	295	ES	0236	0.576	-0.69										1.0
BERA	HZ	72	295	IAML	0236	2.095			58	0.2							
SRN	HZ	87	225	EP	0236	3.762	0.22										1.0
SRN	HZ	87	225	IAML	0237	2.405			13	0.7							
JAN	HZ	87	172	EP	0236	3.202	-0.44										1.0
JAN	HE	87	172	ES	0236	5.613	-0.38										1.0
KZN	HZ	91	99	EP	0236	3.765	-0.50										1.0
KZN	HN	91	99	ES	0236	7.395	0.27										1.0
VLO	HZ	104	273	EP	0236	6.195	-0.19										1.0
VLO	HZ	104	273	IAML	0237	7.718			32	0.6							
IGT	HZ	105	198	EP	0236	7.005	0.33										1.0
IGT	HN	105	198	ES	0237	1.677	0.19										1.0
IGT	HZ	105	198	IAML	0237	6.423			14	0.3							
KEK	HZ	112	225	EP	0236	8.319	0.54										1.0
KEK	HZ	112	225	IAML	0237	8.163			20	0.5							
PHP	HZ	141	351	EP	0236	2.816	0.20										1.0
PHP	HE	141	351	ES	0237	1.858	-0.38										1.0
PHP	HZ	141	351	IAML	0237	1.520			10	0.8							

**March 23 2023 Hour: 2:38 52.3 Lat: 40.45N Lon: 20.74E D: 10.7 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.4 secs**  
**10 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	20	12	EP		0238	6.659	0.24							1.0
KBN	HN	20	12	ES		0238	9.506	-0.23							1.0
KBN	HZ	20	12	IAML		0239	0.976			271	0.3				
NEST	HZ	27	98	EP		0238	7.984	0.44							1.0
NEST	HE	27	98	ES		0239	1.754	-0.02							1.0
NEST	HZ	27	98	IAML		0239	2.729			278	0.4				
LSK	HZ	35	200	EP		0238	8.693	-0.26							1.0
LSK	HN	35	200	ES		0239	4.253	-0.08							1.0
LSK	HZ	35	200	IAML		0239	6.730			77	0.2				
TPE	HZ	64	255	EP		0239	3.572	-0.10							1.0
TPE	HZ	64	255	IAML		0239	3.514			18	0.2				
BERA	HZ	72	293	EP		0239	4.864	-0.26							1.0
BERA	HZ	72	293	IAML		0239	5.477			33	0.2				
JAN	HZ	89	174	EP		0239	6.978	-0.86							1.0
SRN	HZ	89	225	EP		0239	8.244	0.35							1.0
SRN	HE	89	225	ES		0239	0.667	0.16							1.0
SRN	HZ	89	225	IAML		0239	3.932			12	0.1				
KZN	HZ	89	100	EP		0239	8.247	0.27							1.0
KZN	HN	89	100	ES		0239	0.454	-0.21							1.0
IGT	HZ	107	199	EP		0239	1.537	0.55							1.0
IGT	HZ	107	199	IAML		0239	4.626			10	0.5				

**March 23 2023 Hour: 2:45 54.2 Lat: 40.46N Lon: 20.70E D: 8.8 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR Rms: 0.4 secs**  
**11 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	20	22	EP		0245	8.906	0.79							1.0
KBN	HN	20	22	ES		0246	1.121	-0.16							1.0
KBN	HZ	20	22	IAML		0246	3.205			350	0.3				
NEST	HZ	30	100	EP		0246	0.077	0.21							1.0
NEST	HN	30	100	ES		0246	4.368	-0.08							1.0

NEST	HZ	30	100	IAML	0246	4.524			156	0.1				
LSK	HZ	36	194	EP	0246	0.732-0.06								1.0
LSK	HN	36	194	ES	0246	5.364-0.75								1.0
LSK	HZ	36	194	IAML	0246	9.098			351	0.4				
TPE	HZ	61	253	EP	0246	5.775 0.57								1.0
TPE	HN	61	253	ES	0246	3.865-0.25								1.0
TPE	HZ	61	253	IAML	0246	4.125			48	0.6				
BERA	HZ	69	293	EP	0246	6.497-0.07								1.0
BERA	HN	69	293	ES	0246	6.100-0.47								1.0
BERA	HZ	69	293	IAML	0246	7.022			82	0.2				
SRN	HZ	88	223	EP	0246	0.646 0.97								1.0
SRN	HE	88	223	ES	0246	2.395 0.19								1.0
SRN	HZ	88	223	IAML	0246	6.278			18	0.4				
KZN	HZ	93	100	EP	0246	0.397-0.15								1.0
KZN	HE	93	100	ES	0246	3.847 0.07								1.0
IGT	HZ	108	197	EP	0246	3.358 0.34								1.0
IGT	HN	108	197	ES	0246	8.279 0.02								1.0
IGT	HZ	108	197	IAML	0246	1.421			21	0.7				
KEK	HZ	113	223	EP	0246	3.906-0.01								1.0
KEK	HN	113	223	ES	0246	9.894 0.01								1.0
KEK	HZ	113	223	IAML	0246	5.350			19	0.2				
PHP	HZ	138	351	EP	0246	7.842-0.22								1.0
PHP	HE	138	351	ES	0246	7.379 0.01								1.0
PHP	HZ	138	351	IAML	0246	5.926			15	0.6				
THL	HZ	150	131	EP	0246	9.277-0.78								1.0
LACI	HZ	155	328	EP	0246	0.403-0.42								1.0
LACI	HZ	155	328	IAML	0246	0.704			14	0.5				
LKD2	HZ	186	181	EP	0246	5.726 0.15								0.9

March 23 2023 Hour: 2:55 58.0 Lat: 40.43N Lon: 20.70E D: 2.8 Ag: TIR Local  
Magnitudes: 2.0ML TIR Rms: 0.5 secs  
8 km NW of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	23	18	EP		0256	1.596-0.50								1.0
KBN	HN	23	18	ES		0256	5.509 0.10								1.0
KBN	HZ	23	18	IAML		0256	7.312			144	0.5				
NEST	HZ	29	93	EP		0256	3.815 0.55								1.0
NEST	HN	29	93	ES		0256	7.830 0.31								1.0
NEST	HZ	29	93	IAML		0256	9.957			114	0.1				
LSK	HZ	32	196	EP		0256	3.952 0.13								1.0
LSK	HE	32	196	ES		0256	8.859 0.33								1.0
LSK	HZ	32	196	IAML		0256	2.541			169	0.5				
TPE	HZ	61	256	EP		0256	8.935 0.12								1.0
TPE	HE	61	256	ES		0256	7.285-0.29								1.0
TPE	HZ	61	256	IAML		0256	3.599			23	0.6				
BERA	HZ	71	296	EP		0256	0.364-0.30								1.0
BERA	HZ	71	296	IAML		0256	0.443			59	0.1				
SRN	HZ	86	225	EP		0256	3.563 0.26								1.0
SRN	HN	86	225	ES		0256	5.883 0.19								1.0
SRN	HZ	86	225	IAML		0256	7.987			12	0.1				
JAN	HZ	87	172	EP		0256	2.781-0.72								1.0
JAN	HN	87	172	ES		0256	5.102-0.95								1.0
KZN	HZ	92	98	EP		0256	4.724 0.36								1.0
KZN	HE	92	98	ES		0256	7.547-0.06								1.0
IGT	HZ	105	198	EP		0256	7.169 0.48								1.0
IGT	HN	105	198	ES		0256	2.151 0.34								1.0
IGT	HZ	105	198	IAML		0256	5.103			15	0.6				
PHP	HZ	141	351	EP		0256	1.772-1.03								1.0
PHP	HZ	141	351	IAML		0256	9.137			10	0.5				
THL	HZ	147	130	EP		0256	3.395-0.41								1.0
LACI	HZ	158	329	EP		0256	6.612 1.09								0.9

March 23 2023 Hour: 2:56 46.6 Lat: 40.43N Lon: 20.71E D: 2.7 Ag: TIR Local  
 Magnitudes: 2.1ML TIR 2.8MW TIR Rms: 0.4 secs  
 8 km N of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	22	16	EP		0256	0.953	0.36							1.0
KBN	HN	22	16	ES		0256	4.543	0.68							1.0
KBN	HZ	22	16	IAML		0256	4.995			292	0.2				
NEST	HZ	29	93	EP		0256	1.993	0.31							1.0
NEST	HN	29	93	ES		0256	5.074	-0.77							1.0
NEST	HZ	29	93	IAML		0256	8.443			213	0.2				
LSK	HZ	33	197	EP		0256	2.571	0.15							1.0
LSK	HZ	33	197	IAML		0257	0.575			324	0.2				
TPE	HZ	61	256	EP		0256	7.100	-0.39							1.0
TPE	HZ	61	256	IAML		0257	3.142			42	0.4				
BERA	HZ	71	295	EP		0256	8.935	-0.38							1.0
BERA	HE	71	295	ES		0257	9.220	-0.44							1.0
BERA	HZ	71	295	IAML		0257	9.699			61	0.2				
SRN	HZ	86	225	EP		0257	2.055	0.11							1.0
SRN	HE	86	225	ES		0257	4.781	0.36							1.0
SRN	HZ	86	225	IAML		0257	0.064			15	0.4				
KZN	HZ	91	98	EP		0257	2.334	-0.45							1.0
KZN	HE	91	98	ES		0257	6.068	0.14							1.0
IGT	HZ	105	198	EP		0257	5.854	0.57							1.0
IGT	HE	105	198	ES		0257	0.473	0.01							1.0
IGT	HZ	105	198	IAML		0257	3.549			16	0.4				
KEK	HZ	112	225	EP		0257	6.251	-0.14							1.0
KEK	HZ	112	225	IAML		0257	0.877			22	0.6				
PHP	HZ	141	351	EP		0257	1.237	-0.12							1.0
PHP	HZ	141	351	IAML		0257	2.378			12	0.4				

March 23 2023 Hour: 3: 6 27.4 Lat: 40.42N Lon: 20.70E D: 2.8 Ag: TIR Local  
 Magnitudes: 2.2ML TIR Rms: 0.4 secs  
 6 km N of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	24	17	EP		0306	1.897	0.24							1.0
KBN	HN	24	17	ES		0306	5.410	0.30							1.0
KBN	HZ	24	17	IAML		0306	6.106			264	0.2				
NEST	HZ	29	91	EP		0306	2.476	-0.18							1.0
NEST	HN	29	91	ES		0306	6.725	-0.19							1.0
NEST	HZ	29	91	IAML		0306	7.991			193	0.5				
LSK	HZ	31	197	EP		0306	2.839	-0.19							1.0
LSK	HN	31	197	ES		0306	7.578	-0.01							1.0
LSK	HZ	31	197	IAML		0306	1.627			424	0.5				
TPE	HZ	60	257	EP		0306	8.299	0.16							1.0
TPE	HN	60	257	ES		0306	6.647	-0.21							1.0
TPE	HZ	60	257	IAML		0306	2.905			67	0.9				
BERA	HZ	71	296	EP		0306	0.038	-0.07							1.0
BERA	HN	71	296	ES		0306	9.200	-1.22							1.0
BERA	HZ	71	296	IAML		0306	9.981			77	0.2				
SRN	HZ	85	225	EP		0306	2.626	0.08							1.0
SRN	HE	85	225	ES		0306	5.445	0.62							1.0
SRN	HZ	85	225	IAML		0306	7.468			18	0.8				
JAN	HZ	86	172	EP		0306	2.088	-0.62							1.0
KZN	HZ	92	98	EP		0306	3.965	0.23							1.0
KZN	HE	92	98	ES		0306	6.728	-0.24							1.0
VLO	HZ	103	273	EP		0306	6.541	0.81							1.0
VLO	HN	103	273	ES		0307	0.619	0.03							1.0
VLO	HZ	103	273	IAML		0307	7.384			32	0.6				
IGT	HZ	104	198	EP		0306	6.136	0.25							1.0
IGT	HE	104	198	ES		0307	0.687	-0.19							1.0
IGT	HZ	104	198	IAML		0307	3.742			20	0.8				
KEK	HZ	110	225	EP		0306	7.050	0.05							1.0
KEK	HN	110	225	ES		0307	2.862	-0.03							1.0

KEK	HZ	110	225	IAML	0307	4.844			29	0.7				
PHP	HZ	142	351	EP	0306	2.611	0.26							1.0
PHP	HZ	142	351	IAML	0307	1.247			19	0.9				
LACI	HZ	159	329	EP	0306	5.546	0.50							0.9
LACI	HZ	159	329	IAML	0307	2.098			13	0.8				
LKD2	HZ	181	181	EP	0306	9.079	0.23							0.9
PUK	HZ	193	340	EP	0307	0.706	0.26							0.9
PUK	HZ	193	340	IAML	0307	3.517			7	1.0				
PDG	HZ	254	332	EP	0307	7.191	-0.98							0.9

**March 23 2023 Hour: 3:10 3.5 Lat: 40.42N Lon: 20.70E D: 4.6 Ag: TIR Local**  
**Magnitudes: 2.7ML TIR 3.3MW TIR Rms: 0.5 secs**  
**6 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	24	19	EP		0310	8.362	0.48							1.0
KBN	HE	24	19	ES		0310	1.368	-0.08							1.0
KBN	HZ	24	19	IAML		0310	2.779			370	0.2				
NEST	HZ	30	91	EP		0310	9.368	0.46							1.0
NEST	HN	30	91	ES		0310	3.756	0.45							1.0
NEST	HZ	30	91	IAML		0310	1.113			447	0.6				
LSK	HZ	31	196	EP		0310	9.400	0.31							1.0
LSK	HN	31	196	ES		0310	3.646	0.01							1.0
LSK	HZ	31	196	IAML		0310	8.355			1302	0.6				
TPE	HZ	59	257	EP		0310	4.255	0.13							1.0
TPE	HN	59	257	ES		0310	2.904	0.15							1.0
TPE	HZ	59	257	IAML		0310	8.871			257	0.7				
BERA	HZ	71	297	EP		0310	5.528	-0.60							1.0
BERA	HE	71	297	ES		0310	6.088	-0.29							1.0
BERA	HZ	71	297	IAML		0310	8.094			129	0.2				
SRN	HZ	84	225	EP		0310	8.734	0.20							1.0
SRN	HE	84	225	ES		0310	0.154	-0.58							1.0
SRN	HZ	84	225	IAML		0310	8.326			59	0.3				
KZN	HZ	92	97	EP		0310	9.745	-0.20							1.0
KZN	HE	92	97	ES		0310	3.115	-0.18							1.0
BPA2	HZ	98	291	EP		0310	0.898	0.03							1.0
VLO	HZ	102	274	EP		0310	1.873	0.27							1.0
VLO	HN	102	274	ES		0310	6.815	0.52							1.0
VLO	HZ	102	274	IAML		0310	3.930			201	0.6				
IGT	HZ	103	198	EP		0310	2.253	0.45							1.0
IGT	HE	103	198	ES		0310	6.717	0.06							1.0
IGT	HZ	103	198	IAML		0310	5.123			70	0.7				
KEK	HZ	110	225	EP		0310	2.154	-0.71							1.0
KEK	HN	110	225	ES		0310	8.631	0.05							1.0
KEK	HZ	110	225	IAML		0310	4.122			133	0.5				
TIR	HZ	125	326	EP		0310	5.188	-0.21							1.0
TIR	HN	125	326	ES		0310	3.605	0.45							1.0
TIR	HZ	125	326	IAML		0310	4.370			37	0.3				
PHP	HZ	142	351	EP		0310	8.272	-0.08							1.0
PHP	HZ	142	351	IAML		0310	9.405			66	0.5				
THL	HZ	147	130	EP		0310	8.334	-0.79							1.0
LACI	HZ	158	329	EP		0310	0.340	-0.65							0.9
LACI	HZ	158	329	IAML		0310	7.443			61	0.7				
LKD2	HZ	181	181	EP		0310	5.920	1.16							0.9
PUK	HZ	193	340	EP		0310	7.119	0.81							0.9
PUK	HZ	193	340	IAML		0310	9.499			25	0.5				
SCTE	HZ	194	259	EP		0310	5.744	-0.59							0.9
SDA	HZ	207	331	EP		0310	8.273	0.21							0.9
SDA	HZ	207	331	IAML		0311	2.066			6	0.8				
BCI	HZ	223	347	IAML		0311	1.239			50	0.6				
PLG	HZ	233	90	EP		0310	0.651	-0.84							0.9
PDG	HZ	254	332	EP		0310	3.944	-0.08							0.9
BOSS	SZ	274	32	EP		0310	6.141	-0.59							0.8

March 23 2023 Hour: 3:16 0.9 Lat: 40.46N Lon: 20.72E D: 11.6 Ag: TIR Local  
 Magnitudes: 2.3ML TIR Rms: 0.3 secs  
 10 km N of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	19	16	EP		0316	5.214	0.19							1.0
KBN	HN	19	16	ES		0316	8.506	0.17							1.0
KBN	HZ	19	16	IAML		0316	9.329			227	0.3				
NEST	HZ	28	99	EP		0316	6.635	0.26							1.0
NEST	HE	28	99	ES		0316	0.226	-0.57							1.0
NEST	HZ	28	99	IAML		0316	0.975			513	0.3				
LSK	HZ	36	197	EP		0316	7.907	0.28							1.0
LSK	HN	36	197	ES		0316	2.845	-0.21							1.0
LSK	HZ	36	197	IAML		0316	3.394			157	0.6				
TPE	HZ	63	254	EP		0316	2.172	0.07							1.0
TPE	HN	63	254	ES		0316	1.449	0.29							1.0
BERA	HZ	71	293	EP		0316	3.444	-0.04							1.0
BERA	HE	71	293	ES		0316	3.020	-0.64							1.0
KZN	HZ	90	100	EP		0316	7.110	0.35							1.0
KZN	HN	90	100	ES		0316	9.428	-0.16							1.0

March 23 2023 Hour: 3:23 59.5 Lat: 40.44N Lon: 20.67E D: 8.9 Ag: TIR Local  
 Magnitudes: 2.3ML TIR Rms: 0.3 secs  
 10 km NW of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	22	25	EP		0324	4.100	0.29							1.0
KBN	HE	22	25	ES		0324	7.613	0.27							1.0
KBN	HZ	22	25	IAML		0324	9.920			385	0.5				
NEST	HZ	32	95	EP		0324	5.345	-0.07							1.0
NEST	HZ	32	95	IAML		0324	5.005			314	0.6				
LSK	HZ	33	191	EP		0324	5.345	-0.26							1.0
LSK	HE	33	191	ES		0324	0.454	-0.13							1.0
LSK	HZ	33	191	IAML		0324	4.023			342	0.5				
TPE	HZ	58	254	EP		0324	9.954	-0.04							1.0
TPE	HN	58	254	ES		0324	8.379	-0.15							1.0
TPE	HZ	58	254	IAML		0324	4.461			78	0.7				
BERA	HZ	68	296	EP		0324	1.363	-0.26							1.0
BERA	HE	68	296	ES		0324	1.068	-0.41							1.0
BERA	HZ	68	296	IAML		0324	1.744			42	0.2				
SRN	HZ	85	223	EP		0324	4.456	0.04							1.0
SRN	HE	85	223	IS		0324	7.188	0.65							1.0
SRN	HE	85	223	ES		0324	7.188	0.65							1.0
SRN	HZ	85	223	IAML		0324	4.380			17	0.6				
KZN	HZ	94	99	EP		0324	6.303	0.24							1.0
KZN	HE	94	99	ES		0324	9.275	-0.24							1.0
IGT	HZ	105	196	EP		0324	7.630	-0.19							1.0
IGT	HE	105	196	ES		0324	2.290	-0.40							1.0
IGT	HZ	105	196	IAML		0324	4.912			28	0.5				

March 23 2023 Hour: 3:30 40.4 Lat: 40.43N Lon: 20.72E D: 9.9 Ag: TIR Local  
 Magnitudes: 3.7ML TIR 3.9MW TIR Rms: 0.6 secs  
 7 km N of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	23	14	EP		0330	4.987	0.18							1.0
KBN	HE	23	14	ES		0330	8.725	0.31							1.0
KBN	HZ	23	14	IAML		0330	0.748			4484	0.3				
NEST	HZ	28	93	EP		0330	6.120	0.44							1.0
NEST	HN	28	93	ES		0330	0.678	0.69							1.0
NEST	HZ	28	93	IAML		0330	1.361			7758	0.2				
LSK	HZ	33	199	EP		0330	6.283	-0.19							1.0
LSK	HN	33	199	ES		0330	1.782	0.35							1.0
LSK	HZ	33	199	IAML		0330	5.169			12739	0.8				
TPE	HZ	62	256	EP		0330	1.296	-0.15							1.0
TPE	HN	62	256	ES		0331	0.167	-0.27							1.0

TPE	HZ	62	256	IAML	0331	6.562			3383	0.7				
BERA	HZ	72	295	EP	0330	2.110	-1.07							1.0
BERA	HZ	72	295	IAML	0331	8.993			1636	0.1				
SRN	HZ	86	226	EP	0330	5.103	-0.44							1.0
SRN	HE	86	226	ES	0331	8.358	0.52							1.0
SRN	HZ	86	226	IAML	0331	1.036			672	0.6				
KZN	HZ	90	98	EP	0330	5.783	-0.41							1.0
KZN	HN	90	98	ES	0331	9.615	0.59							1.0
BPA2	HZ	99	290	EP	0330	8.131	0.44							1.0
VLO	HZ	104	273	EP	0330	8.450	-0.05							1.0
VLO	HZ	104	273	IAML	0331	0.911			1947	0.5				
IGT	HZ	105	199	EP	0330	8.430	-0.18							1.0
IGT	HN	105	199	ES	0331	3.892	0.49							1.0
IGT	HZ	105	199	IAML	0331	2.016			753	0.6				
KEK	HZ	112	225	EP	0330	9.287	-0.49							1.0
KEK	HN	112	225	ES	0331	5.818	0.31							1.0
KEK	HZ	112	225	IAML	0331	7.979			1342	0.6				
TIR	HZ	125	325	EP	0331	1.635	-0.38							1.0
TIR	HZ	125	325	IAML	0331	7.695			249	0.6				
PHP	HZ	142	350	EP	0331	4.635	-0.15							1.0
PHP	HZ	142	350	IAML	0331	4.555			681	0.9				
THL	HZ	146	131	EP	0331	4.535	-0.95							1.0
THL	HN	146	131	ES	0331	5.228	-0.61							1.0
LACI	HZ	159	328	EP	0331	7.051	-0.53							0.9
LACI	HE	159	328	ES	0331	9.740	0.10							0.9
LACI	HZ	159	328	IAML	0331	4.367			767	0.6				
LKD2	HZ	182	182	EP	0331	2.384	1.27							0.9
LKD2	HE	182	182	ES	0331	6.425	0.40							0.9
THE	HZ	191	82	EP	0331	1.018	-1.25							0.9
THE	HZ	191	82	IAML	0331	9.034			247	1.3				
PUK	HZ	192	339	EP	0331	2.878	0.37							0.9
PUK	HZ	192	339	IAML	0331	5.423			275	0.6				
SCTE	HZ	196	259	EP	0331	2.123	-0.73							0.9
SDA	HZ	207	331	EP	0331	4.809	0.50							0.9
SDA	HN	207	331	ES	0331	1.685	-0.13							0.9
SDA	HZ	207	331	IAML	0331	6.470			82	0.6				
BCI	HZ	222	346	EP	0331	6.611	0.33							0.9
BCI	HN	222	346	ES	0331	7.036	1.65							0.9
BCI	HZ	222	346	IAML	0331	6.912			517	0.8				
PLG	HZ	231	91	EP	0331	6.228	-1.20							0.9
VLS	HZ	250	183	EP	0331	9.825	0.00							0.9
PDG	HZ	254	332	EP	0331	0.757	0.49							0.9
PDG	HZ	254	332	IAML	0332	3.327			154	0.8				
BARS	BZ	281	19	EP	0331	2.971	-0.77							0.8
ITM	HZ	375	163	EP	0331	6.635	0.73							0.8

March 23 2023 Hour: 3:54 33.3 Lat: 40.45N Lon: 20.72E D: 4.2 Ag: TIR Local  
Magnitudes: 2.1ML TIR Rms: 0.5 secs  
10 km N of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	20	16	EP		0354	7.266	0.35							1.0
KBN	HN	20	16	ES		0354	0.361	0.52							1.0
KBN	HZ	20	16	IAML		0354	0.709			273	0.2				
NEST	HZ	28	99	EP		0354	8.455	0.07							1.0
NEST	HN	28	99	ES		0354	2.287	-0.20							1.0
NEST	HZ	28	99	IAML		0354	3.401			393	0.1				
LSK	HZ	36	198	EP		0354	9.408	-0.31							1.0
LSK	HN	36	198	ES		0354	5.302	0.40							1.0
LSK	HZ	36	198	IAML		0354	6.762			114	0.1				
TPE	HZ	63	254	EP		0354	4.053	-0.50							1.0
TPE	HZ	63	254	IAML		0354	8.936			27	0.2				
BERA	HZ	71	293	EP		0354	5.604	-0.44							1.0
BERA	HN	71	293	ES		0354	5.883	-0.48							1.0
BERA	HZ	71	293	IAML		0354	8.556			41	0.2				

SRN	HZ	89	224	EP	0354	9.981	0.81										1.0
SRN	HZ	89	224	IAML	0355	4.383			11	0.5							
KZN	HZ	90	100	EP	0354	8.688	-0.79										1.0
IGT	HZ	108	198	EP	0354	2.380	-0.04										1.0
IGT	HZ	108	198	IAML	0355	3.710			11	0.8							
KEK	HZ	114	224	EP	0354	3.896	0.42										1.0
KEK	HZ	114	224	IAML	0355	6.244			20	0.9							
PHP	HZ	139	350	EP	0354	7.831	0.22										1.0
PHP	HZ	139	350	IAML	0355	1.210			14	0.5							

**March 23 2023 Hour: 4:21 26.3 Lat: 40.45N Lon: 20.74E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.6ML TIR 3.0MW TIR Rms: 0.5 secs**

**10 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	19	12	EP		0421	0.607	0.31							1.0
KBN	HN	19	12	ES		0421	3.536	-0.03							1.0
KBN	HZ	19	12	IAML		0421	4.029			578	0.2				
NEST	HZ	27	99	EP		0421	1.691	0.22							1.0
NEST	HN	27	99	ES		0421	5.763	0.07							1.0
NEST	HZ	27	99	IAML		0421	7.108			958	0.3				
LSK	HZ	36	200	EP		0421	2.391	-0.60							1.0
LSK	HN	36	200	ES		0421	8.454	-0.00							1.0
LSK	HZ	36	200	IAML		0421	0.705			449	0.3				
TPE	HZ	64	254	EP		0421	7.294	-0.35							1.0
TPE	HZ	64	254	IAML		0421	9.622			93	0.3				
BERA	HZ	72	293	EP		0421	8.284	-0.75							1.0
BERA	HE	72	293	ES		0421	8.099	-1.28							1.0
BERA	HZ	72	293	IAML		0421	1.524			208	0.4				
KZN	HZ	89	100	EP		0421	2.026	0.17							1.0
KZN	HN	89	100	ES		0421	4.715	0.22							1.0
SRN	HZ	90	225	EP		0421	1.738	-0.16							1.0
SRN	HN	90	225	ES		0421	4.517	-0.05							1.0
SRN	HZ	90	225	IAML		0421	6.890			40	0.4				
VLO	HZ	106	271	EP		0421	5.379	0.82							1.0
VLO	HZ	106	271	IAML		0421	2.290			493	0.4				
IGT	HZ	108	199	EP		0421	5.431	0.44							1.0
IGT	HE	108	199	ES		0422	0.671	0.50							1.0
IGT	HZ	108	199	IAML		0422	8.442			38	0.2				
KEK	HZ	115	225	EP		0421	6.670	0.53							1.0
KEK	HE	115	225	ES		0422	2.800	0.56							1.0
KEK	HZ	115	225	IAML		0422	7.996			53	0.5				
TIR	HZ	124	324	EP		0421	7.631	0.06							1.0
TIR	HE	124	324	ES		0422	5.200	0.37							1.0
TIR	HZ	124	324	IAML		0422	3.374			28	0.3				
PHP	HZ	139	350	EP		0421	0.068	-0.09							1.0
PHP	HZ	139	350	IAML		0422	5.980			53	0.4				
THL	HZ	147	132	EP		0421	0.468	-0.98							1.0
THL	HN	147	132	ES		0422	1.350	-0.51							1.0
PUK	HZ	190	338	EP		0421	8.605	0.64							0.9
PUK	HZ	190	338	IAML		0422	0.340			19	0.4				
SCTE	HZ	198	258	EP		0421	8.390	-0.48							0.9
SDA	HZ	205	330	EP		0422	0.692	0.87							0.9
PLG	HZ	230	91	EP		0422	2.468	-0.53							0.9

**March 23 2023 Hour: 4:32 29.7 Lat: 40.42N Lon: 20.70E D: 2.9 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR Rms: 0.5 secs**

**7 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	24	18	EP		0432	4.317	0.34							1.0
KBN	HN	24	18	ES		0432	7.562	0.14							1.0
KBN	HZ	24	18	IAML		0432	8.432			192	0.2				
NEST	HZ	30	92	EP		0432	5.579	0.52							1.0
NEST	HN	30	92	ES		0432	9.862	0.50							1.0
NEST	HZ	30	92	IAML		0432	0.601			166	0.4				

LSK	HZ	32	196	EP	0432	5.330	-0.07										1.0
LSK	HN	32	196	ES	0432	0.061	0.06										1.0
LSK	HZ	32	196	IAML	0432	2.771			129	0.8							
TPE	HZ	60	257	EP	0432	0.256	-0.20										1.0
BERA	HZ	71	296	EP	0432	1.489	-0.91										1.0
BERA	HZ	71	296	IAML	0432	1.694			69	0.2							
SRN	HZ	85	225	EP	0432	4.984	0.10										1.0
SRN	HE	85	225	ES	0432	7.304	0.14										1.0
JAN	HZ	86	171	EP	0432	4.429	-0.67										1.0
KZN	HZ	92	98	EP	0432	6.074	-0.06										1.0
KZN	HN	92	98	ES	0432	9.103	-0.32										1.0
IGT	HZ	104	198	EP	0432	8.203	-0.06										1.0
IGT	HN	104	198	ES	0433	3.742	0.47										1.0
IGT	HZ	104	198	IAML	0433	4.782			16	0.4							
KEK	HZ	110	225	EP	0432	0.168	0.83										1.0
KEK	HZ	110	225	IAML	0433	3.055			26	1.1							
PHP	HZ	142	351	EP	0432	4.197	-0.45										1.0
PHP	HZ	142	351	IAML	0433	0.815			9	0.8							
THL	HZ	147	130	EP	0432	4.426	-1.06										1.0
LACI	HZ	158	329	EP	0432	7.568	0.25										0.9
LACI	HZ	158	329	IAML	0433	2.370			12	2.5							
PUK	HZ	192	340	EP	0433	3.179	0.45										0.9
PUK	HZ	192	340	IAML	0433	7.969			4	0.5							

**March 23 2023 Hour: 5:42 0.6 Lat: 40.42N Lon: 20.67E D: 5.7 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.5 secs**  
**7 km NW of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	25	23	EP		0542	5.384	0.16							1.0
KBN	HN	25	23	ES		0542	9.204	0.26							1.0
KBN	HZ	25	23	IAML		0542	9.929			95	0.2				
LSK	HZ	30	192	EP		0542	6.131	-0.04							1.0
LSK	HN	30	192	ES		0542	1.129	0.46							1.0
LSK	HZ	30	192	IAML		0542	4.408			155	0.8				
NEST	HZ	32	90	EP		0542	6.503	0.03							1.0
NEST	HN	32	90	ES		0542	0.838	-0.38							1.0
NEST	HZ	32	90	IAML		0542	3.552			119	0.1				
TPE	HZ	57	256	EP		0542	0.922	0.00							1.0
TPE	HE	57	256	ES		0542	8.936	-0.32							1.0
TPE	HZ	57	256	IAML		0542	0.441			47	0.9				
BERA	HZ	69	298	EP		0542	2.564	-0.40							1.0
BERA	HE	69	298	ES		0542	2.642	-0.31							1.0
BERA	HZ	69	298	IAML		0542	3.357			32	0.3				
SRN	HZ	83	224	EP		0542	5.698	0.28							1.0
SRN	HN	83	224	ES		0542	7.106	-0.29							1.0
SRN	HZ	83	224	IAML		0542	8.814			12	0.7				
KZN	HZ	94	97	EP		0542	7.265	-0.17							1.0
KZN	HE	94	97	ES		0542	1.319	0.27							1.0
IGT	HZ	102	197	EP		0542	9.838	1.07							1.0
KEK	HZ	108	224	EP		0542	8.973	-0.71							1.0
KEK	HZ	108	224	IAML		0542	0.281			25	0.4				
PHP	HZ	142	352	EP		0542	5.968	0.58							1.0
PHP	HN	142	352	ES		0542	4.348	-1.10							1.0
THL	HZ	149	129	EP		0542	6.212	-0.26							1.0
THL	HN	149	129	ES		0542	6.608	-0.79							1.0
LACI	HZ	157	330	EP		0542	8.716	0.82							1.0
LACI	HZ	157	330	IAML		0542	5.034			8	0.5				
PUK	HZ	192	340	EP		0542	4.155	0.92							0.9



March 23 2023 Hour: 5:49 18.0 Lat: 40.41N Lon: 20.68E D: 5.9 Ag: TIR Local  
 Magnitudes: 3.0ML TIR 3.1MW TIR Rms: 0.5 secs  
 6 km NW of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	25	21	EP		0549	2.770	0.19							1.0
KBN	HN	25	21	ES		0549	6.879	0.56							1.0
KBN	HZ	25	21	IAML		0549	1.411			1104	0.4				
LSK	HZ	30	194	EP		0549	3.423	-0.03							1.0
LSK	HE	30	194	ES		0549	7.705	-0.21							1.0
LSK	HZ	30	194	IAML		0549	4.177			1830	0.5				
NEST	HZ	31	90	EP		0549	3.771	0.13							1.0
NEST	HN	31	90	ES		0549	8.412	0.16							1.0
NEST	HZ	31	90	IAML		0549	1.185			1221	0.4				
TPE	HZ	58	257	EP		0549	8.293	-0.10							1.0
TPE	HN	58	257	ES		0549	6.654	-0.20							1.0
TPE	HZ	58	257	IAML		0550	9.733			437	0.8				
BERA	HZ	70	298	EP		0549	9.768	-0.71							1.0
BERA	HE	70	298	ES		0549	9.606	-1.03							1.0
BERA	HZ	70	298	IAML		0550	5.060			270	0.4				
SRN	HZ	83	225	EP		0549	3.273	0.48							1.0
SRN	HN	83	225	ES		0549	4.752	-0.07							1.0
SRN	HZ	83	225	IAML	A	0550	9.776			129	0.4				
KZN	HZ	93	97	EP		0549	4.503	-0.08							1.0
KZN	HN	93	97	ES		0549	7.722	-0.32							1.0
VLO	HZ	101	274	IAML		0550	9.437			257	0.5				
IGT	HZ	102	197	EP		0549	6.766	0.72							1.0
IGT	HE	102	197	ES		0549	0.576	-0.12							1.0
IGT	HZ	102	197	IAML		0550	6.584			139	0.7				
KEK	HZ	108	224	EP		0549	7.717	0.67							1.0
KEK	HN	108	224	ES		0549	2.931	0.41							1.0
KEK	HZ	108	224	IAML		0550	9.080			214	0.5				
TIR	HZ	125	327	EP		0549	0.451	0.69							1.0
TIR	HZ	125	327	IAML		0550	9.065			49	0.6				
PHP	HZ	143	352	EP		0549	1.996	-0.81							1.0
PHP	HZ	143	352	IAML		0550	6.331			112	0.4				
THL	HZ	148	129	EP		0549	2.947	-0.66							1.0
LACI	HZ	158	329	EP		0549	6.394	1.03							0.9
LACI	HZ	158	329	IAML		0550	3.819			67	0.7				
LKD2	HZ	180	181	EP		0549	8.890	-0.11							0.9
PUK	HZ	193	340	EP		0549	0.911	0.27							0.9
PUK	HZ	193	340	IAML		0550	2.971			37	0.6				
BCI	HZ	223	347	IAML		0550	9.794			69	0.6				
PLG	HZ	235	90	EP		0549	4.952	-1.01							0.9
PDG	HZ	254	333	IAML	A	0551	9.381			26	1.2				

March 23 2023 Hour: 5:51 6.7 Lat: 40.43N Lon: 20.69E D: 8.7 Ag: TIR Local  
 Magnitudes: 2.9ML TIR 3.1MW TIR Rms: 0.5 secs  
 8 km N of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	23	20	EP		0551	1.266	0.19							1.0
KBN	HN	23	20	ES		0551	3.994	-0.62							1.0
KBN	HZ	23	20	IAML		0551	6.834			1217	0.3				
NEST	HZ	30	94	EP		0551	2.562	0.21							1.0
NEST	HN	30	94	ES		0551	7.053	0.13							1.0
NEST	HZ	30	94	IAML		0551	8.631			883	0.2				
LSK	HZ	33	195	EP		0551	2.999	0.24							1.0
LSK	HN	33	195	ES		0551	7.630	-0.03							1.0
LSK	HZ	33	195	IAML		0551	5.913			1325	0.6				
TPE	HZ	60	255	EP		0551	7.223	-0.27							1.0
TPE	HN	60	255	ES		0551	6.283	0.06							1.0
TPE	HZ	60	255	IAML		0551	1.558			333	0.7				
BERA	HZ	70	296	EP		0551	8.405	-0.81							1.0
BERA	HE	70	296	ES		0551	8.447	-0.90							1.0

BERA	HZ	70	296	IAML	0551	8.714			242	0.2				
SRN	HZ	85	224	EP	0551	1.723-0.05								1.0
SRN	HN	85	224	ES	0551	3.572-0.41								1.0
SRN	HZ	85	224	IAML	0551	9.509			89	1.1				
KZN	HZ	92	98	EP	0551	2.493-0.53								1.0
KZN	HE	92	98	ES	0551	6.179-0.06								1.0
BPA2	HZ	97	290	EP	0551	4.022 0.31								1.0
VLO	HZ	102	273	EP	0551	5.304 0.77								1.0
VLO	HZ	102	273	IAML	0551	3.881			197	0.6				
IGT	HZ	105	197	EP	0551	5.239 0.22								1.0
IGT	HE	105	197	ES	0551	9.912 0.05								1.0
IGT	HZ	105	197	IAML	0551	7.791			102	0.7				
KEK	HZ	111	224	EP	0551	6.344 0.33								1.0
KEK	HZ	111	224	IAML	0551	5.658			129	0.8				
TIR	HZ	123	326	EP	0551	8.240 0.11								1.0
TIR	HZ	123	326	IAML	0551	6.915			24	0.4				
PHP	HZ	141	351	EP	0551	1.439 0.40								1.0
PHP	HE	141	351	ES	0551	0.123-0.63								1.0
PHP	HZ	141	351	IAML	0551	9.919			77	1.0				
THL	HZ	148	130	EP	0551	1.788-0.49								1.0
LACI	HZ	157	329	EP	0551	3.958 0.24								1.0
LACI	HZ	157	329	IAML	0552	0.700			46	0.6				
LKD2	HZ	183	181	EP	0551	7.702 0.01								0.9
PUK	HZ	191	340	EP	0551	0.002 1.18								0.9
PUK	HZ	191	340	IAML	0552	9.468			29	0.6				
SCTE	HZ	194	259	EP	0551	8.828-0.25								0.9
SCTE	HN	194	259	ES	0552	4.952-0.35								0.9
SDA	HZ	206	331	EP	0551	1.234 0.64								0.9
SDA	HZ	206	331	IAML	0552	8.913			10	1.4				
BCI	HZ	221	346	EP	0551	3.444 0.81								0.9
BCI	HZ	221	346	IAML	0552	2.814			58	0.8				
PLG	HZ	233	91	EP	0551	3.492-0.73								0.9
PDG	HZ	252	332	EP	0551	7.086 0.54								0.9

**March 23 2023 Hour: 5:59 46.5 Lat: 40.42N Lon: 20.68E D: 2.0 Ag: TIR Local**  
**Magnitudes: 2.5ML TIR 2.9MW TIR Rms: 0.5 secs**

**7 km NW of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	25	22	EP		0559	0.866-0.05								1.0
KBN	HN	25	22	ES		0559	4.612 0.08								1.0
KBN	HZ	25	22	IAML		0600	0.672			380	0.7				
LSK	HZ	30	193	EP		0559	2.171 0.25								1.0
LSK	HE	30	193	ES		0559	6.786 0.45								1.0
LSK	HZ	30	193	IAML		0600	5.531			536	0.5				
NEST	HZ	32	90	EP		0559	2.395 0.26								1.0
NEST	HN	32	90	ES		0559	6.714-0.01								1.0
NEST	HZ	32	90	IAML		0559	7.344			435	0.4				
TPE	HZ	58	257	EP		0559	6.804 0.01								1.0
TPE	HE	58	257	ES		0600	4.982-0.17								1.0
TPE	HZ	58	257	IAML		0600	2.548			136	0.4				
BERA	HZ	69	297	EP		0559	8.198-0.64								1.0
BERA	HE	69	297	ES		0600	8.016-0.85								1.0
BERA	HZ	69	297	IAML		0600	8.275			147	0.2				
SRN	HZ	83	224	EP		0600	1.167-0.11								1.0
SRN	HE	83	224	ES		0600	3.450 0.18								1.0
SRN	HZ	83	224	IAML		0600	0.960			48	0.6				
KZN	HZ	94	97	EP		0600	3.236 0.02								1.0
KZN	HE	94	97	ES		0600	6.348-0.43								1.0
VLO	HZ	100	274	EP		0600	4.597 0.21								1.0
IGT	HZ	103	197	EP		0600	4.766-0.01								1.0
IGT	HE	103	197	ES		0600	9.421-0.18								1.0
IGT	HZ	103	197	IAML		0600	2.624			34	0.8				
KEK	HZ	108	224	EP		0600	5.831 0.03								1.0
KEK	HN	108	224	ES		0600	1.807 0.35								1.0

KEK	HZ	108	224	IAML	0600	5.136			64	0.4				
PHP	HZ	142	352	EP	0600	1.577	0.09							1.0
PHP	HZ	142	352	IAML	0600	2.589			36	0.7				
THL	HZ	148	129	EP	0600	2.706	0.23							1.0
THL	HN	148	129	ES	0600	2.605	-0.94							1.0
LACI	HZ	158	330	EP	0600	4.399	0.38							0.9
LACI	HN	158	330	ES	0600	6.673	0.33							0.9
LACI	HZ	158	330	IAML	0600	1.568			25	2.0				
LKD2	HZ	181	181	EP	0600	8.575	0.67							0.9
PUK	HZ	192	340	EP	0600	9.929	0.37							0.9
PUK	HZ	192	340	IAML	0600	2.702			9	0.7				
SCTE	HZ	192	259	EP	0600	7.894	-1.53							0.9
SDA	HZ	206	332	EP	0600	1.735	0.45							0.9
BCI	HZ	222	347	EP	0600	4.105	0.71							0.9
BCI	HZ	222	347	IAML	0601	1.720			25	1.3				

**March 23 2023 Hour: 6: 3 14.2 Lat: 40.43N Lon: 20.66E D: 2.1 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR Rms: 0.4 secs**  
**9 km NW of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	24	27	EP		0603	8.671	0.15							1.0
KBN	HN	24	27	ES		0603	2.369	0.37							1.0
KBN	HZ	24	27	IAML		0603	4.171			299	0.5				
LSK	HZ	32	189	EP		0603	9.945	0.01							1.0
LSK	HN	32	189	ES		0603	4.514	-0.04							1.0
LSK	HZ	32	189	IAML		0603	0.438			342	0.5				
NEST	HZ	33	93	EP		0603	0.135	-0.03							1.0
NEST	HE	33	93	ES		0603	4.638	-0.33							1.0
NEST	HZ	33	93	IAML		0603	5.115			277	0.3				
TPE	HZ	57	255	EP		0603	4.256	-0.14							1.0
TPE	HN	57	255	ES		0603	2.661	0.04							1.0
TPE	HZ	57	255	IAML		0603	8.852			139	0.7				
BERA	HZ	67	297	EP		0603	5.888	-0.37							1.0
BERA	HN	67	297	ES		0603	5.246	-0.74							1.0
BERA	HZ	67	297	IAML		0603	6.105			127	0.2				
SRN	HZ	83	223	EP		0603	8.979	-0.12							1.0
SRN	HE	83	223	ES		0603	1.308	0.18							1.0
SRN	HZ	83	223	IAML		0603	4.691			23	0.4				
KZN	HZ	95	98	EP		0603	1.726	0.45							1.0
IGT	HZ	104	196	EP		0603	3.357	0.59							1.0
IGT	HE	104	196	ES		0603	8.211	0.43							1.0
IGT	HZ	104	196	IAML		0603	9.155			27	0.5				
KEK	HZ	109	223	EP		0603	3.888	0.27							1.0
KEK	HN	109	223	ES		0603	9.155	-0.16							1.0
KEK	HZ	109	223	IAML		0603	2.761			37	0.4				
PHP	HZ	140	353	EP		0603	8.852	-0.09							1.0
PHP	HZ	140	353	IAML		0604	0.489			30	2.0				
THL	HZ	151	129	EP		0603	9.123	-1.48							1.0
LACI	HZ	155	330	EP		0603	1.707	0.28							1.0
LACI	HN	155	330	ES		0604	3.490	0.03							1.0
LACI	HZ	155	330	IAML		0604	9.390			13	0.9				
PUK	HZ	190	340	EP		0603	7.434	0.37							0.9
BCI	HZ	220	347	EP		0603	1.285	0.38							0.9

**March 23 2023 Hour: 6:16 49.3 Lat: 40.42N Lon: 20.72E D: 2.9 Ag: TIR Local**  
**Magnitudes: 2.6ML TIR 3.1MW TIR Rms: 0.6 secs**  
**6 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	23	15	EP		0616	2.733	-0.77							1.0
KBN	HN	23	15	ES		0616	7.167	0.25							1.0
KBN	HZ	23	15	IAML		0617	2.590			281	0.4				
NEST	HZ	28	91	EP		0616	3.995	-0.39							1.0
NEST	HE	28	91	ES		0616	8.479	-0.03							1.0
NEST	HZ	28	91	IAML		0617	0.799			410	0.4				

LSK	HZ	32	198	EP	0616	4.433	-0.57										1.0
LSK	HN	32	198	ES	0616	9.962	0.33										1.0
LSK	HZ	32	198	IAML	0617	3.652		562	0.5								
TPE	HZ	61	257	EP	0617	0.268	0.04										1.0
TPE	HN	61	257	ES	0617	9.359	0.27										1.0
TPE	HZ	61	257	IAML	0617	9.246		146	1.0								
BERA	HE	72	296	ES	0617	1.349	-1.26										1.0
BERA	HZ	72	296	IAML	0617	3.008		114	0.3								
SRN	HZ	86	226	EP	0617	3.559	-1.03										1.0
SRN	HE	86	226	ES	0617	7.322	0.34										1.0
SRN	HZ	86	226	IAML	0617	9.180		50	0.4								
KZN	HZ	91	98	EP	0617	5.722	0.26										1.0
KZN	HN	91	98	ES	0617	9.047	0.48										1.0
IGT	HZ	104	199	EP	0617	8.345	0.48										1.0
IGT	HN	104	199	ES	0617	2.860	-0.05										1.0
IGT	HZ	104	199	IAML	0617	6.147		42	0.7								
VLO	HZ	104	273	EP	0617	7.981	0.17										1.0
VLO	HZ	104	273	IAML	0617	9.048		84	0.3								
KEK	HZ	111	225	EP	0617	9.600	0.57										1.0
KEK	HN	111	225	ES	0617	5.152	0.14										1.0
KEK	HZ	111	225	IAML	0617	8.735		79	0.5								
PHP	HZ	142	351	EP	0617	4.896	0.63										1.0
PHP	HN	142	351	ES	0617	4.988	0.49										1.0
PHP	HZ	142	351	IAML	0617	0.838		24	1.7								
THL	HZ	146	130	EP	0617	5.189	0.32										1.0
THL	HN	146	130	ES	0617	4.770	-0.81										1.0
LACI	HZ	159	328	EP	0617	7.839	0.82										0.9
LKD2	HZ	181	182	EP	0617	0.734	-0.03										0.9
PUK	HZ	193	339	EP	0617	3.066	0.69										0.9
PUK	HE	193	339	ES	0617	8.095	-1.07										0.9
PUK	HZ	193	339	IAML	0617	9.696		9	0.5								
BCI	HZ	223	346	EP	0617	6.737	0.58										0.9
BCI	HZ	223	346	IAML	0618	4.825		19	0.6								
PLG	HZ	232	90	EP	0617	6.471	-0.83										0.9

**March 23 2023 Hour: 6:33 21.4 Lat: 40.34N Lon: 21.45E D: 18.4 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.4 secs**

**50 km SE of Bilisht**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KZN	HZ	28	97	EP		0633	7.173	-0.05							1.0
KZN	HN	28	97	ES		0633	1.993	0.05							1.0
NEST	HZ	35	285	EP		0633	8.581	0.22							1.0
NEST	HN	35	285	ES		0633	3.761	-0.26							1.0
NEST	HZ	35	285	IAML		0633	4.262		50	0.4					
KBN	HZ	65	300	EP		0633	3.403	0.36							1.0
KBN	HN	65	300	ES		0633	2.492	0.01							1.0
KBN	HZ	65	300	IAML		0633	3.638		52	0.6					
THL	HZ	98	150	EP		0633	7.635	-0.90							1.0
THL	HE	98	150	ES		0633	3.005	0.58							1.0

**March 23 2023 Hour: 8:5 31.4 Lat: 40.42N Lon: 20.71E D: 3.6 Ag: TIR Local**  
**Magnitudes: 2.9ML TIR 3.3MW TIR Rms: 0.7 secs**

**7 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	23	16	EP		0805	6.171	0.58							1.0
KBN	HN	23	16	ES		0805	9.155	0.19							1.0
KBN	HZ	23	16	IAML		0805	0.338		1321	0.3					
NEST	HZ	29	92	EP		0805	7.539	0.96							1.0
NEST	HN	29	92	ES		0805	0.338	-0.42							1.0
NEST	HZ	29	92	IAML		0805	2.763		1554	0.3					
LSK	HZ	32	198	EP		0805	7.601	0.38							1.0
LSK	HE	32	198	ES		0805	2.328	0.42							1.0
LSK	HZ	32	198	IAML		0805	5.500		1402	0.5					
TPE	HZ	61	256	EP		0805	2.079	-0.27							1.0

TPE	HN	61	256	ES	0805	0.766-0.43									1.0
TPE	HZ	61	256	IAML	0806	0.923		380	1.2						
BERA	HZ	72	296	EP	0805	3.323-0.92									1.0
BERA	HE	72	296	ES	0805	2.901-1.73									1.0
BERA	HZ	72	296	IAML	0805	3.522		609	0.2						
SRN	HZ	86	225	EP	0805	6.557-0.20									1.0
SRN	HN	86	225	ES	0805	9.306 0.13									1.0
SRN	HZ	86	225	IAML	0806	1.437		91	0.8						
KZN	HZ	91	98	EP	0805	7.863 0.21									1.0
BPA2	HZ	99	290	EP	0805	8.982-0.08									1.0
VLO	HZ	103	273	EP	0805	0.933 1.07									1.0
VLO	HN	103	273	ES	0806	5.802 1.02									1.0
VLO	HZ	103	273	IAML	0806	8.546		224	0.5						
IGT	HZ	104	198	EP	0805	0.515 0.50									1.0
IGT	HE	104	198	ES	0806	4.849-0.23									1.0
IGT	HZ	104	198	IAML	0806	6.562		118	0.4						
KEK	HZ	111	225	EP	0805	0.875-0.27									1.0
KEK	HZ	111	225	IAML	0806	0.168		193	0.5						
TIR	HZ	125	325	EP	0805	3.690 0.24									1.0
TIR	HZ	125	325	IAML	0806	0.626		50	0.7						
PHP	HZ	142	351	EP	0805	6.446 0.17									1.0
PHP	HZ	142	351	IAML	0806	7.580		81	0.4						
THL	HZ	147	130	EP	0805	6.465-0.57									1.0
LACI	HZ	158	328	EP	0805	9.537 0.51									0.9
LKD2	HZ	182	182	EP	0806	3.045 0.11									0.9
THE	HZ	192	82	EP	0806	4.131-0.10									0.9
THE	HZ	192	82	IAML	0806	6.494		20	0.8						
PUK	HZ	192	339	EP	0806	4.218-0.14									0.9
PUK	HZ	192	339	IAML	0806	3.714		30	0.7						
SDA	HZ	207	331	EP	0806	6.220 0.07									0.9
BCI	HZ	222	346	EP	0806	9.784 1.64									0.9
PLG	HZ	232	91	EP	0806	7.639-1.75									0.9
VLS	HZ	250	182	EP	0806	1.274-0.38									0.9
PDG	HZ	254	332	EP	0806	2.355 0.25									0.9
PDG	HZ	254	332	IAML	0806	7.354		21	0.8						
BOSS	SZ	273	32	EP	0806	3.234-1.39									0.8

**March 23 2023 Hour: 9:55 3.1 Lat: 40.44N Lon: 20.69E D: 10.0F Ag: TIR Local**  
**Magnitudes: 2.3ML TIR 2.7MW TIR Rms: 0.7 secs**  
**9 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	22	23	EP		0955	7.097-0.42								1.0
KBN	HN	22	23	ES		0955	0.485-0.61								1.0
KBN	HZ	22	23	IAML		0955	2.777			289	0.4				
NEST	HZ	31	95	EP		0955	8.361-0.61								1.0
NEST	HN	31	95	ES		0955	2.887-0.83								1.0
NEST	HZ	31	95	IAML		0955	4.985			162	0.2				
LSK	HZ	33	193	EP		0955	8.864-0.45								1.0
LSK	HN	33	193	ES		0955	3.605-0.74								1.0
LSK	HZ	33	193	IAML		0955	6.585			514	0.5				
TPE	HZ	59	254	EP		0955	3.384-0.37								1.0
TPE	HN	59	254	ES		0955	1.773-0.61								1.0
TPE	HZ	59	254	IAML		0955	2.040			70	0.8				
BERA	HZ	69	295	EP		0955	5.095-0.27								1.0
BERA	HE	69	295	ES		0955	4.470-0.83								1.0
BERA	HZ	69	295	IAML		0955	4.699			99	0.2				
SRN	HZ	85	223	EP		0955	8.020-0.07								1.0
SRN	HN	85	223	ES		0955	0.488 0.27								1.0
SRN	HZ	85	223	IAML		0955	1.639			28	0.7				
KZN	HZ	93	99	EP		0955	9.906 0.42								1.0
IGT	HZ	105	197	EP		0955	1.727 0.31								1.0
IGT	HN	105	197	ES		0955	6.008-0.24								1.0
IGT	HZ	105	197	IAML		0955	8.908			19	0.4				
KEK	HZ	111	223	EP		0955	2.601 0.27								1.0

KEK	HN	111	223	ES		0955	8.328	0.43									1.0
KEK	HZ	111	223	IAML		0955	1.445			32	0.7						
THL	HZ	149	130	EP		0955	9.554	0.78									1.0
LACI	HZ	156	329	EP		0955	0.473	0.60									1.0
LKD2	HZ	183	181	EP		0955	5.202	1.18									0.9
PUK	HZ	190	340	EP		0955	6.037	1.09									0.9
BCI	HZ	220	347	EP		0955	0.206	1.44									0.9

**March 23 2023 Hour: 11:41 30.8 Lat: 40.42N Lon: 20.68E D: 15.0 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR Rms: 0.5 secs**  
**7 km NW of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	24	22	EP		1141	5.640	-0.21							1.0
KBN	HZ	24	22	IAML		1141	9.555			169	0.7				
KBN	HN	24	22	ES		1141	9.834	-0.07							1.0
NEST	HZ	31	92	EP		1141	7.318	0.34							1.0
NEST	HN	31	92	ES		1141	1.512	-0.43							1.0
NEST	HZ	31	92	IAML		1141	1.978			146	0.5				
LSK	HZ	31	193	EP		1141	7.533	0.53							1.0
LSK	HN	31	193	ES		1141	2.399	0.39							1.0
LSK	HZ	31	193	IAML		1141	5.624			156	0.5				
TPE	HZ	59	256	EP		1141	1.804	0.45							1.0
BERA	HZ	69	297	EP		1141	3.371	0.23							1.0
BERA	HN	69	297	ES		1141	2.471	-0.63							1.0
BERA	HZ	69	297	IAML		1141	3.531			67	0.2				
JAN	HZ	87	170	EP		1141	5.501	-0.52							1.0
JAN	HN	87	170	ES		1141	7.470	-0.84							1.0
KZN	HZ	93	98	EP		1141	7.945	0.76							1.0

**March 23 2023 Hour: 12:25 54.6 Lat: 40.44N Lon: 20.73E D: 1.2 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.7 secs**  
**8 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	21	13	EP		1225	8.669	0.24							1.0
KBN	HN	21	13	ES		1226	1.483	-0.00							1.0
KBN	HZ	21	13	IAML		1226	2.472			173	1.0				
LSK	HZ	34	200	EP		1225	9.839	-0.89							1.0
LSK	HN	34	200	ES		1226	5.908	0.25							1.0
LSK	HZ	34	200	IAML		1226	0.662			169	0.4				
BERA	HZ	73	294	EP		1226	7.474	-0.12							1.0
BERA	HN	73	294	ES		1226	7.004	-1.08							1.0
BERA	HZ	73	294	IAML		1226	4.060			27	0.4				
JAN	HZ	87	173	EP		1226	0.364	0.11							1.0
SRN	HZ	88	225	EP		1226	0.097	-0.25							1.0
SRN	HN	88	225	ES		1226	3.366	0.29							1.0
SRN	HZ	88	225	IAML		1226	5.122			12	1.1				
KZN	HZ	89	99	EP		1226	1.218	0.61							1.0
KEK	HZ	113	225	EP		1226	5.513	0.64							1.0
KEK	HN	113	225	ES		1226	1.708	0.44							1.0
KEK	HZ	113	225	IAML		1226	6.300			9	0.5				
THL	HZ	146	131	EP		1226	1.005	0.65							1.0
THL	HN	146	131	ES		1226	9.663	-1.52							1.0
PUK	HZ	192	339	EP		1226	8.479	0.72							0.9

**March 24 2023 Hour: 8: 2 23.1 Lat: 40.44N Lon: 20.76E D: 9.8 Ag: TIR Local**  
**Magnitudes: 2.7ML TIR 3.1MW TIR Rms: 0.4 secs**  
**9 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	20	7	EP		0802	7.577	0.42							1.0
KBN	HN	20	7	ES		0802	0.730	0.28							1.0
KBN	HZ	20	7	IAML		0802	1.427			919	0.2				
NEST	HZ	25	97	EP		0802	8.391	0.46							1.0
NEST	HN	25	97	ES		0802	1.888	0.03							1.0
NEST	HZ	25	97	IAML		0802	3.560			1239	0.2				

LSK	HZ	35	203	EP	0802	8.870-0.81											1.0
LSK	HN	35	203	ES	0802	4.779-0.25											1.0
LSK	HZ	35	203	IAML	0802	0.015	1137	0.4									
TPE	HZ	65	256	EP	0802	4.638-0.12											1.0
TPE	HE	65	256	ES	0802	4.739 0.52											1.0
TPE	HZ	65	256	IAML	0802	9.105	287	0.6									
BERA	HZ	74	293	EP	0802	5.660-0.61											1.0
BERA	HE	74	293	ES	0802	6.342-0.60											1.0
BERA	HZ	74	293	IAML	0802	6.435	172	0.2									
KZN	HZ	87	100	EP	0802	8.778 0.29											1.0
KZN	HN	87	100	ES	0802	1.236 0.29											1.0
JAN	HZ	88	175	EP	0802	8.506-0.02											1.0
SRN	HZ	90	226	EP	0802	8.918 0.06											1.0
SRN	HN	90	226	ES	0802	2.104 0.47											1.0
SRN	HZ	90	226	IAML	0802	4.322	57	0.6									
IGT	HZ	107	200	EP	0802	1.675-0.13											1.0
IGT	HN	107	200	ES	0802	6.758-0.21											1.0
IGT	HZ	107	200	IAML	0803	0.087	51	0.2									
KEK	HZ	115	226	EP	0802	3.313 0.21											1.0
KEK	HN	115	226	ES	0802	9.849 0.54											1.0
KEK	HZ	115	226	IAML	0803	8.991	70	0.5									
TIR	HZ	126	323	EP	0802	5.299 0.49											1.0
TIR	HZ	126	323	IAML	0803	9.545	26	0.5									
PHP	HZ	140	349	EP	0802	6.823-0.50											1.0
PHP	HN	140	349	ES	0803	6.916-0.03											1.0
PHP	HZ	140	349	IAML	0803	8.030	49	0.5									
THL	HZ	145	132	EP	0802	7.426-0.62											1.0
THL	HE	145	132	ES	0803	8.252-0.00											1.0
LACI	HZ	159	327	EP	0802	0.875 0.53											0.9
LACI	HZ	159	327	IAML	0803	1.038	50	0.8									
LKD2	HZ	184	183	EP	0802	3.650-0.46											0.9
LKD2	HN	184	183	ES	0803	9.773 0.54											0.9
PUK	HZ	192	338	EP	0802	6.683 1.50											0.5
PUK	HZ	192	338	IAML	0803	6.787	29	0.4									
BCI	HZ	221	345	EP	0802	8.588-0.32											0.9
BCI	HZ	221	345	IAML	0803	5.756	35	0.6									
PLG	HZ	228	91	EP	0802	9.506-0.28											0.9
PDG	HZ	254	331	EP	0803	3.114 0.12											0.9
PDG	HZ	254	331	IAML	0803	3.606	12	0.3									
BOSS	SZ	269	31	EP	0803	4.587-0.45											0.9
BARS	BZ	278	18	EP	0803	5.620-0.53											0.8

**March 24 2023 Hour: 8:14 20.7 Lat: 40.44N Lon: 20.72E D: 9.3 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 2.8MW TIR Rms: 0.4 secs**  
**8 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	21	15	EP		0814	5.255	0.36							1.0
KBN	HE	21	15	ES		0814	8.186-0.11								1.0
KBN	HZ	21	15	IAML		0814	9.710		402	0.2					
NEST	HZ	28	95	EP		0814	6.215	0.20							1.0
NEST	HN	28	95	ES		0814	0.364	0.04							1.0
NEST	HZ	28	95	IAML		0814	1.637		494	0.2					
LSK	HZ	34	198	EP		0814	6.617-0.38								1.0
LSK	HN	34	198	ES		0814	2.196	0.09							1.0
LSK	HZ	34	198	IAML		0814	4.036		430	0.3					
TPE	HZ	62	255	EP		0814	1.388-0.48								1.0
TPE	HN	62	255	ES		0814	1.200	0.28							1.0
TPE	HZ	62	255	IAML		0814	7.509		96	0.5					
BERA	HZ	72	294	EP		0814	3.312-0.14								1.0
BERA	HN	72	294	ES		0814	3.367-0.42								1.0
BERA	HZ	72	294	IAML		0814	4.030		68	0.2					
SRN	HZ	87	225	EP		0814	6.039-0.03								1.0
SRN	HN	87	225	ES		0814	8.488-0.03								1.0
SRN	HZ	87	225	IAML		0814	4.231		30	0.7					

JAN	HZ	88	173	EP	0814	6.083	-0.06									1.0
JAN	HE	88	173	ES	0814	8.270	-0.38									1.0
KZN	HZ	90	99	EP	0814	6.782	0.16									1.0
KZN	HN	90	99	ES	0814	9.781	0.26									1.0
IGT	HZ	106	198	EP	0814	9.116	-0.08									1.0
IGT	HE	106	198	ES	0814	5.442	1.26									1.0
IGT	HZ	106	198	IAML	0815	2.389				32	0.5					
KEK	HZ	113	225	EP	0814	0.050	-0.25									1.0
KEK	HZ	113	225	IAML	0815	0.062				31	0.6					
PHP	HZ	140	350	EP	0814	5.364	0.42									1.0
PHP	HE	140	350	ES	0815	4.250	-0.33									1.0
PHP	HZ	140	350	IAML	0815	5.661				19	0.4					
THL	HZ	147	131	EP	0814	5.510	-0.51									1.0
THL	HE	147	131	ES	0815	5.946	-0.58									1.0
LACI	HZ	158	328	EP	0814	7.993	0.23									0.9
LACI	HZ	158	328	IAML	0815	2.464				22	0.7					
PUK	HZ	191	339	EP	0814	2.901	0.14									0.9
PUK	HZ	191	339	IAML	0815	6.411				11	0.5					
BCI	HZ	221	346	EP	0814	6.890	0.36									0.9
BCI	HZ	221	346	IAML	0815	8.224				19	0.9					

**March 24 2023 Hour: 9:1 1.2 Lat: 40.45N Lon: 20.72E D: 7.2 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR 2.6MW TIR Rms: 0.3 secs**

**10 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	20	16	EP		0901	5.501	0.41							1.0
KBN	HN	20	16	ES		0901	8.469	0.25							1.0
KBN	HZ	20	16	IAML		0901	9.662			189	0.2				
NEST	HZ	28	98	EP		0901	6.611	0.17							1.0
NEST	HN	28	98	ES		0901	0.675	0.01							1.0
NEST	HZ	28	98	IAML		0901	2.040			445	0.3				
LSK	HZ	35	197	EP		0901	7.457	-0.17							1.0
LSK	HN	35	197	ES		0901	2.789	-0.02							1.0
LSK	HZ	35	197	IAML		0901	8.218			229	0.6				
TPE	HZ	62	254	EP		0901	2.514	0.07							1.0
TPE	HN	62	254	ES		0901	1.273	-0.27							1.0
TPE	HZ	62	254	IAML		0901	4.556			30	0.3				
BERA	HZ	71	293	EP		0901	3.586	-0.42							1.0
BERA	HN	71	293	ES		0901	3.935	-0.42							1.0
BERA	HZ	71	293	IAML		0901	6.263			43	0.2				
SRN	HZ	88	224	EP		0901	7.066	0.19							1.0
SRN	HN	88	224	ES		0901	0.051	0.50							1.0
KZN	HZ	91	100	EP		0901	7.086	-0.23							1.0
KZN	HE	91	100	ES		0901	0.369	0.02							1.0
IGT	HZ	107	198	EP		0901	0.151	0.10							1.0
IGT	HN	107	198	ES		0901	5.500	0.20							1.0
IGT	HZ	107	198	IAML		0901	2.822			17	0.4				
KEK	HZ	114	224	EP		0901	1.450	0.33							1.0
KEK	HN	114	224	ES		0901	7.152	-0.07							1.0
KEK	HZ	114	224	IAML		0901	4.751			20	0.5				
PHP	HZ	139	350	EP		0901	5.560	0.15							1.0
PHP	HN	139	350	ES		0901	4.908	-0.10							1.0
PHP	HZ	139	350	IAML		0901	6.205			13	0.3				
THL	HZ	148	131	EP		0901	6.590	-0.22							1.0
THL	HN	148	131	ES		0901	6.994	-0.54							1.0

**March 24 2023 Hour: 10:43 35.7 Lat: 40.44N Lon: 20.77E D: 15.5 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR 2.8MW TIR Rms: 0.5 secs**

**10 km NE of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	20	4	EP		1043	0.132	-0.15							1.0
KBN	HE	20	4	ES		1043	3.530	-0.42							1.0
KBN	HZ	20	4	IAML		1043	4.017			387	0.2				
NEST	HZ	24	98	EP		1043	1.059	0.24							1.0



NEST	HN	24	98	ES	1043	4.902-0.03											1.0
NEST	HZ	24	98	IAML	1043	7.079		344	0.2								
LSK	HZ	36	204	EP	1043	1.700-0.92											1.0
LSK	HN	36	204	ES	1043	8.106-0.09											1.0
LSK	HZ	36	204	IAML	1043	9.025		329	0.3								
TPE	HZ	66	256	EP	1043	7.971 0.42											1.0
BERA	HZ	75	293	EP	1043	8.386-0.66											1.0
BERA	HZ	75	293	IAML	1044	0.462		60	0.2								
KZN	HZ	86	100	EP	1043	1.226 0.31											1.0
KZN	HE	86	100	ES	1044	3.807 0.61											1.0
SRN	HZ	91	227	EP	1043	1.549-0.04											1.0
SRN	HN	91	227	ES	1044	4.498 0.07											1.0
SRN	HZ	91	227	IAML	1044	8.013		18	0.3								
IGT	HZ	108	200	EP	1043	3.908-0.56											1.0
IGT	HN	108	200	ES	1044	0.220 0.59											1.0
IGT	HZ	108	200	IAML	1044	3.064		24	0.7								
KEK	HZ	116	226	EP	1043	6.009 0.19											1.0
KEK	HN	116	226	ES	1044	1.956-0.12											1.0
KEK	HZ	116	226	IAML	1044	0.120		24	0.5								
PHP	HZ	141	349	EP	1044	0.312 0.36											1.0
PHP	HE	141	349	ES	1044	9.318-0.24											1.0
PHP	HZ	141	349	IAML	1044	1.464		18	0.3								
THL	HZ	144	132	EP	1044	0.239-0.26											1.0
THL	HN	144	132	ES	1044	1.109 0.56											1.0
LACI	HZ	159	327	EP	1044	2.899 0.00											0.9
LACI	HE	159	327	ES	1044	5.880 0.99											0.9
LACI	HZ	159	327	IAML	1044	4.045		16	0.5								
PUK	HZ	192	338	EP	1044	7.592 0.33											0.9
PUK	HZ	192	338	IAML	1044	1.314		10	0.5								
PLG	HZ	227	91	EP	1044	1.929 0.25											0.9
PLG	HN	227	91	ES	1044	9.255-1.52											0.9

**March 24 2023 Hour: 10:50 37.0 Lat: 40.44N Lon: 20.74E D: 2.9 Ag: TIR Local**  
**Magnitudes: 2.5ML TIR 2.9MW TIR Rms: 0.4 secs**  
**9 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	21	11	EP		1050	1.322	0.56							1.0
KBN	HN	21	11	ES		1050	3.940	0.11							1.0
KBN	HZ	21	11	IAML		1050	5.648		871	0.2					
NEST	HZ	26	96	EP		1050	2.237	0.50							1.0
NEST	HN	26	96	ES		1050	5.643	0.03							1.0
NEST	HZ	26	96	IAML		1050	8.415		974	0.2					
LSK	HZ	34	200	EP		1050	3.023-0.09								1.0
LSK	HN	34	200	ES		1050	8.447 0.35								1.0
TPE	HZ	64	256	EP		1050	8.282-0.03								1.0
TPE	HN	64	256	ES		1050	7.609 0.10								1.0
TPE	HZ	64	256	IAML		1051	0.066		83	0.3					
BERA	HZ	73	294	EP		1050	9.470-0.54								1.0
BERA	HN	73	294	ES		1050	9.736-0.84								1.0
BERA	HZ	73	294	IAML		1051	2.294		134	0.2					
SRN	HZ	88	226	EP		1050	2.717-0.03								1.0
SRN	HN	88	226	ES		1051	5.535 0.00								1.0
SRN	HZ	88	226	IAML		1051	8.793		31	0.4					
KZN	HZ	89	99	EP		1050	2.902 0.05								1.0
KZN	HN	89	99	ES		1051	5.756 0.04								1.0
IGT	HZ	106	199	EP		1050	5.590-0.36								1.0
IGT	HN	106	199	ES		1051	0.995-0.33								1.0
IGT	HZ	106	199	IAML		1051	4.481		47	0.6					
KEK	HZ	114	225	EP		1050	7.710 0.56								1.0
KEK	HN	114	225	ES		1051	3.996 0.49								1.0
KEK	HZ	114	225	IAML		1051	1.531		58	0.7					
PHP	HZ	141	350	EP		1051	1.533-0.13								1.0
PHP	HE	141	350	ES		1051	0.890-0.79								1.0
PHP	HZ	141	350	IAML		1051	1.781		36	0.6					

THL	HZ	146	131	EP	1051	2.232	-0.28								1.0
THL	HE	146	131	ES	1051	2.729	-0.48								1.0
LACI	HZ	158	327	EP	1051	4.950	0.37								0.9
LACI	HN	158	327	ES	1051	7.570	0.62								0.9
LACI	HZ	158	327	IAML	1051	9.326		23	0.7						
LKD2	HZ	183	182	EP	1051	8.954	0.19								0.9
LKD2	HN	183	182	ES	1051	4.869	0.34								0.9
PUK	HZ	192	339	EP	1051	9.774	-0.12								0.9
PUK	HN	192	339	ES	1051	7.044	0.47								0.9
PUK	HZ	192	339	IAML	1051	4.158		15	0.7						
SCTE	HZ	197	259	EP	1051	0.801	0.26								0.9
SDA	HZ	207	330	EP	1051	1.544	-0.19								0.9
BCI	HZ	221	346	EP	1051	3.942	0.30								0.9
BCI	HZ	221	346	IAML	1051	4.562		23	0.7						
PLG	HZ	230	91	EP	1051	4.325	-0.41								0.9
VLS	HZ	251	183	EP	1051	6.663	-0.82								0.9

March 24 2023 Hour: 10:59 40.6 Lat: 40.42N Lon: 20.76E D: 7.3 Ag: TIR Local  
Magnitudes: 3.1ML TIR Rms: 0.5 secs

7 km NE of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	22	6	EP		1059	5.086	0.27							1.0
KBN	HN	22	6	ES		1059	8.329	0.09							1.0
KBN	HZ	22	6	IAML		1059	9.511		1726	0.4					
NEST	HZ	24	92	EP		1059	6.078	0.87							1.0
NEST	HE	24	92	ES		1059	8.822	-0.12							1.0
NEST	HZ	24	92	IAML		1059	1.566		2572	0.3					
LSK	HZ	34	204	EP		1059	6.496	-0.26							1.0
LSK	HE	34	204	ES		1059	1.822	0.08							1.0
LSK	HZ	34	204	IAML		1059	4.667		3519	0.4					
TPE	HZ	65	257	EP		1059	1.567	-0.70							1.0
BERA	HZ	75	294	EP		1059	2.762	-1.34							0.5
BERA	HZ	75	294	IAML		1100	4.036		305	0.2					
KZN	HZ	87	98	EP		1059	5.756	-0.30							1.0
KZN	HN	87	98	ES		1100	8.823	0.24							1.0
SRN	HZ	89	227	EP		1059	6.432	0.12							1.0
SRN	HE	89	227	ES		1100	9.169	0.13							1.0
SRN	HZ	89	227	IAML		1100	6.555		171	0.4					
IGT	HZ	106	200	EP		1059	9.542	0.38							1.0
IGT	HE	106	200	ES		1100	4.503	0.31							1.0
IGT	HZ	106	200	IAML		1100	7.968		204	0.5					
VLO	HZ	107	273	EP		1059	9.857	0.40							1.0
VLO	HN	107	273	ES		1100	4.553	-0.18							1.0
VLO	HZ	107	273	IAML		1100	1.457		383	0.5					
KEK	HZ	114	226	EP		1100	0.558	0.01							1.0
KEK	HN	114	226	ES		1100	7.030	0.32							1.0
KEK	HZ	114	226	IAML		1100	4.934		203	0.6					
TIR	HZ	127	324	EP		1100	2.873	0.10							1.0
TIR	HE	127	324	ES		1100	0.446	-0.29							1.0
TIR	HZ	127	324	IAML		1100	8.241		73	0.5					
THL	HZ	143	131	EP		1100	4.941	-0.51							1.0
PHP	HZ	143	349	EP		1100	4.845	-0.49							1.0
PHP	HZ	143	349	IAML		1100	3.239		149	0.7					
THL	HN	143	131	ES		1100	5.331	-0.25							1.0
LACI	HZ	161	327	EP		1100	8.316	-0.01							0.9
LACI	HN	161	327	ES		1100	1.337	0.56							0.9
LACI	HZ	161	327	IAML		1100	7.497		160	0.6					
LKD2	HZ	182	183	EP		1100	1.872	0.21							0.9
LKD2	HE	182	183	ES		1100	6.750	-0.07							0.9
PUK	HZ	194	338	EP		1100	3.516	0.26							0.9
PUK	HN	194	338	ES		1100	0.449	0.73							0.9
PUK	HZ	194	338	IAML		1100	7.070		90	0.8					
SCTE	HZ	199	259	EP		1100	3.208	-0.62							0.9
SDA	HZ	209	330	EP		1100	5.247	0.13							0.9

SDA	HZ	209	330	IAML	1101	2.772			21	0.7				
BCI	HZ	223	345	EP	1100	6.371	-0.62							0.9
BCI	HZ	223	345	IAML	1100	2.521			98	0.5				
PLG	HZ	228	91	EP	1100	7.198	-0.38							0.9
VLS	HZ	250	183	EP	1100	0.176	-0.20							0.9
PDG	HZ	256	331	EP	1100	1.123	0.06							0.9
PDG	HZ	256	331	IAML	1101	0.427			34	0.5				
BARS	BZ	280	18	EP	1100	3.072	-1.14							0.4
NOCI	HZ	315	279	EP	1100	8.878	0.09							0.8
ITM	HZ	374	164	EP	1100	6.848	0.53							0.8
MRVN	HZ	392	282	EP	1100	7.061	-1.56							0.4
SGRT	HZ	447	291	EP	1100	3.412	-2.26							0.2

**March 24 2023 Hour: 11:35 49.6 Lat: 40.43N Lon: 20.73E D: 4.7 Ag: TIR Local**  
**Magnitudes: 2.4ML TIR 3.0MW TIR Rms: 0.4 secs**  
**8 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	22	12	EP		1135	3.832	0.20							1.0
KBN	HN	22	12	ES		1135	7.061	0.20							1.0
KBN	HZ	22	12	IAML		1135	7.916			429	0.2				
NEST	HZ	27	94	EP		1135	4.906	0.37							1.0
NEST	HN	27	94	ES		1135	8.560	0.06							1.0
NEST	HZ	27	94	IAML		1136	0.266			606	0.3				
LSK	HZ	33	200	EP		1135	5.358	-0.33							1.0
LSK	HN	33	200	ES		1136	0.703	0.11							1.0
LSK	HZ	33	200	IAML		1136	3.503			537	0.3				
TPE	HZ	63	256	EP		1136	0.502	-0.39							1.0
TPE	HE	63	256	ES		1136	0.705	0.69							1.0
TPE	HZ	63	256	IAML		1136	6.019			92	0.4				
BERA	HZ	73	295	EP		1136	1.968	-0.70							1.0
BERA	HN	73	295	ES		1136	2.161	-1.07							0.5
BERA	HZ	73	295	IAML		1136	3.048			82	0.2				
SRN	HZ	88	226	EP		1136	5.224	-0.06							1.0
SRN	HE	88	226	ES		1136	7.797	-0.17							1.0
SRN	HZ	88	226	IAML		1136	2.995			30	0.4				
KZN	HZ	89	99	EP		1136	5.543	-0.05							1.0
KZN	HE	89	99	ES		1136	8.415	-0.10							1.0
IGT	HZ	106	199	EP		1136	8.432	0.06							1.0
IGT	HE	106	199	ES		1136	3.817	0.27							1.0
IGT	HZ	106	199	IAML		1136	1.288			34	0.3				
KEK	HZ	113	225	EP		1136	9.600	0.03							1.0
KEK	HE	113	225	ES		1136	5.964	0.24							1.0
KEK	HZ	113	225	IAML		1136	3.061			34	0.6				
PHP	HZ	141	350	EP		1136	4.076	-0.24							1.0
PHP	HZ	141	350	IAML		1136	5.318			29	0.3				
THL	HZ	146	131	EP		1136	5.196	0.15							1.0
THL	HE	146	131	ES		1136	5.317	-0.31							1.0
LACI	HZ	159	328	EP		1136	7.535	0.35							0.9
LACI	HZ	159	328	IAML		1136	6.338			24	0.6				
LKD2	HZ	183	182	EP		1136	1.186	0.07							0.9
PUK	HZ	192	339	EP		1136	3.036	0.64							0.9
PUK	HZ	192	339	IAML		1136	5.150			16	0.5				
SCTE	HZ	197	259	EP		1136	2.521	-0.39							0.9
SDA	HZ	207	330	EP		1136	4.215	-0.01							0.9
BCI	HZ	222	346	EP		1136	6.052	-0.10							0.9
BCI	HZ	222	346	IAML		1137	1.294			17	0.6				
PLG	HZ	230	91	EP		1136	5.859	-1.37							0.4

March 24 2023 Hour: 11:56 27.5 Lat: 40.45N Lon: 20.70E D: 1.5 Ag: TIR Local  
 Magnitudes: 2.3ML TIR 2.7MW TIR Rms: 0.4 secs  
 10 km N of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	21	21	EP		1156	1.801	0.54							1.0
KBN	HE	21	21	ES		1156	4.650	0.31							1.0
KBN	HZ	21	21	IAML		1156	5.924			521	0.1				
NEST	HZ	30	96	EP		1156	2.910	0.08							1.0
NEST	HN	30	96	ES		1156	7.276	0.09							1.0
NEST	HZ	30	96	IAML		1156	8.396			177	0.2				
LSK	HZ	34	194	EP		1156	3.268	-0.26							1.0
LSK	HN	34	194	ES		1156	8.679	0.23							1.0
LSK	HZ	34	194	IAML		1156	0.397			432	0.4				
TPE	HZ	60	254	EP		1156	8.090	-0.15							1.0
TPE	HN	60	254	ES		1156	7.538	0.57							1.0
TPE	HZ	60	254	IAML		1156	0.875			58	0.3				
BERA	HZ	70	294	EP		1156	9.485	-0.39							1.0
BERA	HN	70	294	ES		1156	9.405	-0.53							1.0
BERA	HZ	70	294	IAML		1156	0.179			108	0.2				
SRN	HZ	86	224	EP		1156	2.410	-0.49							1.0
SRN	HE	86	224	ES		1156	5.951	0.54							1.0
SRN	HZ	86	224	IAML		1156	7.976			15	0.2				
KZN	HZ	92	99	EP		1156	3.349	-0.62							1.0
KZN	HN	92	99	ES		1156	7.292	-0.05							1.0
IGT	HZ	106	197	EP		1156	6.319	-0.09							1.0
IGT	HN	106	197	ES		1157	1.537	-0.22							1.0
IGT	HZ	106	197	IAML		1157	4.579			26	0.4				
KEK	HZ	112	224	EP		1156	7.322	-0.10							1.0
KEK	HZ	112	224	IAML		1157	2.031			24	0.4				
PHP	HZ	139	351	EP		1156	1.865	-0.16							1.0
PHP	HZ	139	351	IAML		1157	9.856			21	0.5				
THL	HZ	149	131	EP		1156	3.521	-0.09							1.0
LACI	HZ	156	328	EP		1156	4.801	0.06							1.0
LACI	HZ	156	328	IAML		1157	2.108			17	0.6				
LKD2	HZ	184	181	EP		1157	0.427	0.96							0.9
LKD2	HN	184	181	ES		1157	5.109	-0.28							0.9
PUK	HZ	190	339	EP		1157	0.788	0.48							0.9
BCI	HZ	220	346	EP		1157	3.751	-0.35							0.9

March 24 2023 Hour: 13: 0 53.9 Lat: 40.44N Lon: 20.71E D: 8.7 Ag: TIR Local  
 Magnitudes: 2.0ML TIR 2.4MW TIR Rms: 0.3 secs  
 9 km N of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	21	17	EP		1300	8.424	0.35							1.0
KBN	HN	21	17	ES		1301	1.604	0.15							1.0
KBN	HZ	21	17	IAML		1301	2.866			143	0.1				
NEST	HZ	29	96	EP		1300	9.365	0.05							1.0
NEST	HN	29	96	ES		1301	3.512	-0.18							1.0
NEST	HZ	29	96	IAML		1301	4.805			170	0.3				
LSK	HZ	34	197	EP		1300	9.773	-0.40							1.0
LSK	HE	34	197	ES		1301	5.109	-0.14							1.0
LSK	HZ	34	197	IAML		1301	7.896			159	0.3				
BERA	HZ	71	294	EP		1301	6.302	-0.29							1.0
BERA	HN	71	294	ES		1301	6.466	-0.40							1.0
BERA	HZ	71	294	IAML		1301	7.047			27	0.2				
SRN	HZ	87	225	EP		1301	9.190	-0.07							1.0
SRN	HE	87	225	ES		1301	1.922	0.23							1.0
KZN	HZ	91	99	EP		1301	9.997	-0.00							1.0
KZN	HN	91	99	ES		1301	2.988	-0.04							1.0
IGT	HZ	106	198	EP		1301	2.728	0.29							1.0
IGT	HN	106	198	ES		1301	7.853	0.40							1.0
IGT	HZ	106	198	IAML		1301	1.188			9	0.5				
THL	HZ	148	131	EP		1301	9.933	0.55							1.0

THL	HE	148	131	ES		1301	9.422	-0.59									1.0
PUK	HZ	191	339	EP		1301	6.113	0.11									0.9

**March 24 2023 Hour: 14: 9 48.5 Lat: 40.42N Lon: 20.75E D: 4.0 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR 2.5MW TIR Rms: 0.3 secs**

**7 km NE of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	23	7	EP		1409	2.792	0.11							1.0
KBN	HN	23	7	ES		1409	5.931	-0.10							1.0
KBN	HZ	23	7	IAML		1409	7.166			193	0.2				
NEST	HZ	25	91	EP		1409	3.585	0.51							1.0
NEST	HN	25	91	ES		1409	6.717	-0.04							1.0
NEST	HZ	25	91	IAML		1409	9.056			148	0.1				
NEST	HZ	25	91	IAML		1409	9.061			181	0.2				
LSK	HZ	33	204	EP		1409	4.150	-0.33							1.0
LSK	HN	33	204	ES		1409	9.628	0.34							1.0
LSK	HZ	33	204	IAML		1410	2.268			162	0.4				
TPE	HZ	64	258	EP		1410	0.556	0.49							1.0
TPE	HE	64	258	ES		1410	9.488	0.09							1.0
TPE	HZ	64	258	IAML		1410	4.807			34	0.6				
BERA	HZ	75	295	EP		1410	1.368	-0.60							1.0
KZN	HZ	87	98	EP		1410	4.096	-0.03							1.0
KZN	HN	87	98	ES		1410	6.815	0.06							1.0
SRN	HZ	88	227	EP		1410	4.025	-0.24							1.0
SRN	HN	88	227	ES		1410	6.842	-0.17							1.0
IGT	HZ	105	200	EP		1410	7.158	-0.06							1.0
IGT	HE	105	200	ES		1410	2.540	0.19							1.0
IGT	HZ	105	200	IAML		1410	5.541			11	0.5				
KEK	HZ	113	226	EP		1410	8.651	0.05							1.0
KEK	HZ	113	226	IAML		1410	6.166			16	0.4				
THL	HZ	144	131	EP		1410	3.333	-0.29							1.0
THL	HN	144	131	ES		1410	3.691	-0.24							1.0
PUK	HZ	194	338	EP		1410	1.788	0.14							0.9
PUK	HN	194	338	ES		1410	8.595	0.14							0.9
PUK	HZ	194	338	IAML		1410	4.555			5	0.6				

**March 24 2023 Hour: 14:26 20.5 Lat: 40.43N Lon: 20.75E D: 7.0 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.3 secs**

**8 km NE of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	22	9	EP		1426	4.472	-0.17							1.0
KBN	HE	22	9	ES		1426	7.922	-0.11							1.0
KBN	HZ	22	9	IAML		1426	8.718			156	0.1				
NEST	HZ	26	93	EP		1426	5.572	0.31							1.0
NEST	HN	26	93	ES		1426	9.397	0.25							1.0
NEST	HZ	26	93	IAML		1426	0.712			140	0.2				
LSK	HZ	33	202	EP		1426	5.753	-0.82							1.0
LSK	HN	33	202	ES		1426	1.649	0.13							1.0
LSK	HZ	33	202	IAML		1426	3.904			107	0.3				
TPE	HZ	64	257	EP		1426	2.267	0.33							1.0
TPE	HN	64	257	ES		1426	1.504	0.27							1.0
BERA	HZ	74	295	IAML		1426	3.514			30	0.1				
SRN	HZ	88	227	EP		1426	5.474	-0.61							1.0
SRN	HN	88	227	ES		1426	9.151	0.41							1.0
SRN	HZ	88	227	IAML		1426	0.106			8	0.5				
KZN	HZ	88	98	EP		1426	6.142	0.00							1.0
KZN	HN	88	98	ES		1426	8.979	0.14							1.0
IGT	HZ	105	200	EP		1426	8.875	-0.14							1.0
IGT	HE	105	200	ES		1426	4.084	0.04							1.0
IGT	HZ	105	200	IAML		1426	6.839			7	0.5				
KEK	HZ	113	226	EP		1426	0.455	0.14							1.0
THL	HZ	144	131	EP		1426	5.478	-0.03							1.0
THL	HN	144	131	ES		1427	5.642	-0.15							1.0

March 24 2023 Hour: 16:24 24.6 Lat: 40.44N Lon: 20.72E D: 5.9 Ag: TIR Local  
 Magnitudes: 2.1ML TIR 2.7MW TIR Rms: 0.8 secs  
 9 km N of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	21	16	EP		1624	8.472	-0.10							1.0
KBN	HN	21	16	ES		1624	2.045	0.25							1.0
KBN	HZ	21	16	IAML		1624	4.188			165	0.3				
NEST	HZ	28	96	EP		1624	9.832	0.04							1.0
NEST	HN	28	96	ES		1624	4.005	0.01							1.0
NEST	HZ	28	96	IAML		1624	4.971			205	0.3				
LSK	HZ	34	198	EP		1624	0.405	-0.35							1.0
LSK	HE	34	198	ES		1624	5.397	-0.34							1.0
LSK	HZ	34	198	IAML		1624	7.772			329	0.7				
TPE	HZ	62	255	EP		1624	5.674	-0.02							1.0
TPE	HN	62	255	ES		1624	4.796	0.12							1.0
TPE	HZ	62	255	IAML		1624	5.936			49	0.7				
BERA	HZ	71	294	EP		1624	7.092	-0.29							1.0
BERA	HN	71	294	ES		1624	6.895	-0.84							1.0
BERA	HZ	71	294	IAML		1624	8.776			40	0.2				
SRN	HZ	87	225	EP		1624	0.219	0.05							1.0
SRN	HN	87	225	ES		1624	3.741	0.96							1.0
SRN	HZ	87	225	IAML		1624	5.894			15	0.8				
KZN	HZ	91	99	EP		1624	0.203	-0.60							1.0
KZN	HN	91	99	ES		1624	3.287	-0.63							1.0
IGT	HZ	106	198	EP		1624	3.508	0.18							1.0
IGT	HN	106	198	ES		1624	8.612	0.12							1.0
IGT	HZ	106	198	IAML		1625	6.021			19	0.6				
KEK	HZ	113	224	EP		1624	4.803	0.39							1.0
KEK	HN	113	224	ES		1625	0.745	0.29							1.0
KEK	HZ	113	224	IAML		1625	7.630			19	0.9				
PHP	HZ	140	351	EP		1624	8.774	-0.27							1.0
PHP	HE	140	351	ES		1625	7.648	-1.19							1.0
PHP	HZ	140	351	IAML		1625	7.249			16	1.0				
THL	HZ	147	131	EP		1624	0.257	0.06							1.0
THL	HN	147	131	ES		1625	0.771	-0.15							1.0
LACI	HZ	157	328	EP		1624	2.252	0.40							1.0
LACI	HN	157	328	ES		1625	4.718	0.79							1.0
LACI	HZ	157	328	IAML		1625	2.447			12	0.5				
LKD2	HZ	183	182	EP		1624	7.869	1.83							0.9
LKD2	HE	183	182	ES		1625	0.932	-0.58							0.9
PUK	HZ	191	339	EP		1624	8.373	1.31							0.9
PUK	HE	191	339	ES		1625	4.568	1.21							0.9
PUK	HZ	191	339	IAML		1625	9.960			8	0.5				
SCTE	HZ	196	259	EP		1624	8.252	0.66							0.9
SCTE	HN	196	259	ES		1625	1.173	-3.13							0.9

March 24 2023 Hour: 17:58 23.2 Lat: 40.43N Lon: 20.75E D: 9.3 Ag: TIR Local  
 Magnitudes: 2.3ML TIR Rms: 0.5 secs  
 8 km N of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	21	8	EP		1758	7.499	0.11							1.0
KBN	HE	21	8	ES		1758	0.942	0.13							1.0
KBN	HZ	21	8	IAML		1758	1.951			198	0.1				
NEST	HZ	25	94	EP		1758	7.934	-0.08							1.0
NEST	HN	25	94	ES		1758	1.979	0.03							1.0
NEST	HZ	25	94	IAML		1758	2.902			281	0.3				
LSK	HZ	34	203	EP		1758	8.905	-0.61							1.0
LSK	HN	34	203	ES		1758	4.646	-0.01							1.0
LSK	HZ	34	203	IAML		1758	9.417			256	0.6				
TPE	HZ	65	256	EP		1758	4.835	0.08							1.0
TPE	HN	65	256	ES		1758	4.616	0.48							1.0
TPE	HZ	65	256	IAML		1758	2.969			78	0.9				
BERA	HZ	74	294	EP		1758	5.301	-1.09							1.0

BERA	HE	74	294	ES	1758	6.186	-0.91										1.0
BERA	HZ	74	294	IAML	1758	6.323			56	0.4							
KZN	HZ	88	99	EP	1758	8.757	0.13										1.0
KZN	HN	88	99	ES	1758	1.122	-0.03										1.0
SRN	HZ	89	227	EP	1758	9.027	0.25										1.0
SRN	HN	89	227	ES	1758	1.363	-0.06										1.0
SRN	HZ	89	227	IAML	1758	6.962			21	0.4							
IGT	HZ	106	200	EP	1758	1.642	-0.06										1.0
IGT	HN	106	200	ES	1758	6.748	0.03										1.0
IGT	HZ	106	200	IAML	1759	5.116			22	0.5							
KEK	HZ	114	226	EP	1758	3.398	0.38										1.0
KEK	HN	114	226	ES	1758	9.909	0.81										1.0
KEK	HZ	114	226	IAML	1759	5.024			28	1.0							
PHP	HZ	141	349	EP	1758	8.054	0.45										1.0
PHP	HE	141	349	ES	1759	7.093	-0.31										1.0
PHP	HZ	141	349	IAML	1759	8.271			13	0.7							
THL	HZ	145	131	EP	1758	7.585	-0.48										1.0
THL	HN	145	131	ES	1759	8.054	-0.19										1.0
LACI	HZ	160	327	EP	1758	0.901	0.32										0.9
LACI	HN	160	327	ES	1759	3.109	0.33										0.9
LACI	HZ	160	327	IAML	1759	1.193			16	0.9							
PUK	HZ	193	338	EP	1758	6.347	0.91										0.9
PUK	HN	193	338	ES	1759	1.565	-0.02										0.9
PUK	HZ	193	338	IAML	1759	9.396			10	0.7							
SCTE	HZ	199	259	EP	1758	6.329	0.25										0.9
SCTE	HN	199	259	ES	1759	2.020	-0.73										0.9

**March 26 2023 Hour: 12:27 46.2 Lat: 40.44N Lon: 20.72E D: 27.0 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.3 secs**  
**9 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	21	16	EP		1227	2.334	0.28							1.0
KBN	HN	21	16	ES		1227	6.487	-0.34							1.0
KBN	HZ	21	16	IAML		1227	6.751			129	0.1				
NEST	HZ	28	97	EP		1227	3.512	0.60							1.0
NEST	HN	28	97	ES		1227	8.166	-0.22							1.0
NEST	HZ	28	97	IAML		1227	9.067			65	0.2				
LSK	HZ	34	198	EP		1227	3.622	-0.08							1.0
LSK	HN	34	198	ES		1227	9.981	0.17							1.0
LSK	HZ	34	198	IAML		1228	1.225			54	0.2				
TPE	HZ	62	255	EP		1227	7.361	-0.30							1.0
TPE	HN	62	255	ES		1228	7.193	0.21							1.0
BERA	HZ	71	294	EP		1227	8.994	-0.06							1.0
BERA	HN	71	294	ES		1228	9.639	0.13							1.0
BERA	HZ	71	294	IAML		1228	1.217			17	0.2				
SRN	HZ	88	225	EP		1228	1.582	-0.03							1.0
SRN	HN	88	225	ES		1228	4.040	-0.10							1.0
IGT	HZ	107	198	EP		1228	4.291	-0.31							1.0
IGT	HN	107	198	ES		1228	9.585	0.05							1.0
IGT	HZ	107	198	IAML		1228	3.689			4	0.6				

**March 26 2023 Hour: 18:57 23.2 Lat: 40.44N Lon: 20.70E D: 8.7 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR 2.2MW TIR Rms: 0.2 secs**  
**9 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	21	21	EP		1857	7.658	0.27							1.0
KBN	HE	21	21	ES		1857	1.118	0.35							1.0
KBN	HZ	21	21	IAML		1857	1.798			125	0.1				
NEST	HZ	30	96	EP		1857	8.879	-0.00							1.0
NEST	HN	30	96	ES		1857	3.201	-0.26							1.0
NEST	HZ	30	96	IAML		1857	4.341			130	0.3				
LSK	HZ	34	194	EP		1857	8.978	-0.51							1.0
LSK	HN	34	194	ES		1857	4.773	0.21							1.0
LSK	HZ	34	194	IAML		1857	6.318			131	0.3				

BERA	HZ	69	295	EP		1857	5.311	-0.33								1.0
BERA	HE	69	295	ES		1857	5.569	-0.13								1.0
BERA	HZ	69	295	IAML		1857	6.334		26	0.2						
SRN	HZ	86	224	EP		1857	8.421	-0.03								1.0
SRN	HN	86	224	ES		1857	1.090	0.31								1.0
KZN	HZ	93	99	EP		1857	9.413	-0.15								1.0
KZN	HN	93	99	ES		1857	3.009	0.21								1.0
IGT	HZ	106	197	EP		1857	1.656	-0.09								1.0
IGT	HN	106	197	ES		1857	7.075	0.32								1.0
IGT	HZ	106	197	IAML		1858	4.488		10	0.7						
KEK	HZ	112	224	EP		1857	2.677	-0.01								1.0
THL	HZ	149	131	EP		1857	8.763	-0.16								1.0

**March 26 2023 Hour: 19:59 38.5 Lat: 40.46N Lon: 20.71E D: 12.7 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR 2.7MW TIR Rms: 0.4 secs**

**11 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	19	21	EP		1959	3.176	0.56							1.0
KBN	HN	19	21	ES		1959	5.999	0.05							1.0
KBN	HZ	19	21	IAML		1959	7.579		242	0.2					
NEST	HZ	30	101	EP		1959	4.429	0.18							1.0
NEST	HN	30	101	ES		1959	8.797	-0.11							1.0
NEST	HZ	30	101	IAML		1959	0.015		173	0.1					
LSK	HZ	36	195	EP		1959	4.526	-0.78							1.0
LSK	HE	36	195	ES		1959	0.317	-0.51							1.0
LSK	HZ	36	195	IAML		1959	4.965		301	0.8					
TPE	HZ	62	252	EP		1959	9.677	0.17							1.0
TPE	HE	62	252	ES		1959	8.140	-0.28							1.0
TPE	HZ	62	252	IAML		2000	2.828		31	0.3					
BERA	HZ	69	293	EP		1959	0.961	0.17							1.0
BERA	HN	69	293	ES		2000	0.137	-0.60							1.0
BERA	HZ	69	293	IAML		2000	1.853		52	0.2					
SRN	HZ	89	223	EP		1959	3.955	0.00							1.0
SRN	HN	89	223	ES		2000	6.614	0.14							1.0
SRN	HZ	89	223	IAML		2000	5.758		14	0.6					
KZN	HZ	92	101	EP		1959	4.439	-0.15							1.0
KZN	HN	92	101	ES		2000	7.488	-0.14							1.0
IGT	HZ	108	197	EP		1959	7.623	0.35							1.0
IGT	HN	108	197	ES		2000	3.211	0.74							1.0
IGT	HZ	108	197	IAML		2000	5.630		18	0.7					
KEK	HZ	114	223	EP		1959	8.821	0.63							1.0
KEK	HZ	114	223	IAML		2000	2.757		18	0.4					
THL	HZ	150	131	EP		2000	3.747	-0.42							1.0

**March 26 2023 Hour: 20:20 49.6 Lat: 40.44N Lon: 20.71E D: 11.9 Ag: TIR Local**  
**Magnitudes: 2.9ML TIR 3.3MW TIR Rms: 0.4 secs**

**9 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	21	18	EP		2020	4.214	0.25							1.0
KBN	HN	21	18	ES		2020	7.993	0.48							1.0
KBN	HZ	21	18	IAML		2020	8.601		1156	0.3					
NEST	HZ	29	96	EP		2020	5.349	0.14							1.0
NEST	HE	29	96	ES		2020	9.747	-0.03							1.0
NEST	HZ	29	96	IAML		2021	1.005		2477	0.3					
LSK	HZ	34	196	EP		2020	5.577	-0.42							1.0
LSK	HN	34	196	ES		2021	0.711	-0.49							1.0
LSK	HZ	34	196	IAML		2021	4.283		1644	0.8					
TPE	HZ	61	255	EP		2021	0.575	0.08							1.0
TPE	HN	61	255	ES		2021	9.853	0.51							1.0
TPE	HZ	61	255	IAML		2021	6.128		322	0.6					
BERA	HZ	71	294	EP		2021	1.505	-0.54							1.0
BERA	HE	71	294	ES		2021	1.559	-0.59							1.0
BERA	HZ	71	294	IAML		2021	8.554		276	0.3					
SRN	HZ	87	224	EP		2021	4.106	-0.66							1.0



SRN	HE	87	224	ES	2021	7.570	0.50								1.0
SRN	HZ	87	224	IAML	2021	8.633		78	0.2						
KZN	HZ	91	99	EP	2021	5.610	0.03								1.0
KZN	HE	91	99	ES	2021	9.248	0.71								1.0
BPA2	HZ	98	289	EP	2021	6.963	0.39								1.0
VLO	HZ	103	272	EP	2021	7.094	-0.36								1.0
VLO	HN	103	272	ES	2021	2.502	0.56								1.0
VLO	HZ	103	272	IAML	2021	0.511		163	0.6						
IGT	HZ	106	198	EP	2021	8.318	0.34								1.0
IGT	HN	106	198	ES	2021	2.710	-0.17								1.0
IGT	HZ	106	198	IAML	2021	1.193		91	0.6						
KEK	HZ	112	224	EP	2021	9.167	0.16								1.0
KEK	HN	112	224	ES	2021	4.984	0.24								1.0
KEK	HZ	112	224	IAML	2021	3.963		109	0.7						
TIR	HZ	123	325	EP	2021	0.840	0.02								1.0
TIR	HZ	123	325	IAML	2021	3.429		40	0.5						
PHP	HZ	140	351	EP	2021	3.568	-0.06								1.0
PHP	HE	140	351	ES	2021	2.398	-0.70								1.0
PHP	HZ	140	351	IAML	2021	2.475		75	0.6						
THL	HZ	148	131	EP	2021	4.581	-0.38								1.0
THL	HN	148	131	ES	2021	4.837	-0.69								1.0
LACI	HZ	157	328	EP	2021	6.628	0.23								1.0
LACI	HN	157	328	ES	2021	8.008	-0.11								1.0
LACI	HZ	157	328	IAML	2021	4.602		87	0.9						
LKD2	HZ	184	181	EP	2021	1.088	0.77								0.9
VLS	HZ	252	182	EP	2021	8.764	-0.27								0.9

**March 26 2023 Hour: 20:58 42.4 Lat: 40.44N Lon: 20.72E D: 11.1 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR 2.8MW TIR Rms: 0.5 secs**  
**9 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	21	17	EP		2058	6.946	0.22							1.0
KBN	HN	21	17	ES		2058	0.146	-0.06							1.0
KBN	HZ	21	17	IAML		2058	1.110		741	0.1					
NEST	HZ	28	96	EP		2058	7.987	0.05							1.0
NEST	HE	28	96	ES		2058	2.557	0.16							1.0
NEST	HZ	28	96	IAML		2058	3.446		501	0.3					
LSK	HZ	34	197	EP		2058	8.241	-0.63							1.0
LSK	HE	34	197	ES		2058	4.196	0.11							1.0
LSK	HZ	34	197	IAML		2058	5.595		510	0.3					
TPE	HZ	62	255	EP		2058	3.503	0.05							1.0
TPE	HE	62	255	ES		2059	1.711	-0.66							1.0
TPE	HZ	62	255	IAML		2059	8.936		60	0.4					
BERA	HZ	71	294	EP		2058	4.825	-0.16							1.0
BERA	HN	71	294	ES		2059	4.451	-0.71							1.0
BERA	HZ	71	294	IAML		2059	5.473		86	0.3					
SRN	HZ	87	225	EP		2058	7.240	-0.45							1.0
SRN	HN	87	225	ES		2059	0.221	0.17							1.0
SRN	HZ	87	225	IAML		2059	5.779		24	0.3					
KZN	HZ	91	99	EP		2058	8.334	0.01							1.0
KZN	HE	91	99	ES		2059	1.322	0.13							1.0
IGT	HZ	106	198	EP		2059	0.598	-0.27							1.0
IGT	HN	106	198	ES		2059	6.399	0.60							1.0
IGT	HZ	106	198	IAML		2059	3.991		27	0.4					
KEK	HZ	113	224	EP		2059	2.480	0.55							1.0
KEK	HN	113	224	ES		2059	8.551	0.82							1.0
KEK	HZ	113	224	IAML		2059	7.207		33	0.5					
PHP	HZ	140	351	EP		2059	6.215	-0.27							1.0
PHP	HN	140	351	ES		2059	6.051	0.09							1.0
PHP	HZ	140	351	IAML		2059	5.101		23	0.5					
THL	HZ	148	131	EP		2059	7.210	-0.53							1.0
THL	HE	148	131	ES		2059	7.672	-0.56							1.0
LACI	HZ	157	328	EP		2059	9.536	0.24							1.0
LACI	HZ	157	328	IAML		2059	5.842		17	1.0					

LKD2	HZ	184	182	EP		2059	4.228	0.96									0.9
LKD2	HN	184	182	ES		2059	7.618	-0.62									0.9
PUK	HZ	191	339	EP		2059	5.228	1.02									0.9
PUK	HZ	191	339	IAML		2059	8.811			11	0.9						
SCTE	HZ	196	259	EP		2059	4.739	-0.03									0.9
SDA	HZ	206	331	EP		2059	6.244	0.23									0.9
SDA	HZ	206	331	IAML		2059	3.863			2	0.4						
PLG	HZ	232	91	EP		2059	9.058	-0.36									0.9

**March 26 2023 Hour: 21:151.9 Lat: 40.43N Lon: 20.73E D: 8.8 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR 2.9MW TIR Rms: 0.5 secs**  
**8 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	22	13	EP		2101	6.119	-0.02							1.0
KBN	HE	22	13	ES		2101	9.869	0.30							1.0
KBN	HZ	22	13	IAML		2102	0.282			329	0.2				
NEST	HZ	27	94	EP		2101	7.184	0.09							1.0
NEST	HE	27	94	ES		2102	1.397	0.10							1.0
NEST	HZ	27	94	IAML		2102	2.576			367	0.2				
LSK	HZ	33	199	EP		2101	7.510	-0.61							1.0
LSK	HE	33	199	ES		2102	3.402	0.24							1.0
LSK	HZ	33	199	IAML		2102	8.648			386	0.4				
TPE	HZ	63	256	EP		2102	3.188	0.01							1.0
TPE	HE	63	256	ES		2102	2.964	0.65							1.0
TPE	HZ	63	256	IAML		2102	8.411			63	0.6				
BERA	HZ	72	295	EP		2102	4.070	-0.75							1.0
BERA	HE	72	295	ES		2102	4.264	-1.02							1.0
BERA	HZ	72	295	IAML		2102	0.102			50	0.2				
SRN	HZ	87	225	EP		2102	7.267	-0.04							1.0
SRN	HN	87	225	ES		2102	9.911	0.13							1.0
SRN	HZ	87	225	IAML		2102	5.266			22	0.6				
KZN	HZ	90	99	EP		2102	7.486	-0.27							1.0
KZN	HN	90	99	ES		2102	0.163	-0.43							1.0
IGT	HZ	106	199	EP		2102	0.392	0.01							1.0
IGT	HE	106	199	ES		2102	5.683	0.34							1.0
IGT	HZ	106	199	IAML		2102	3.370			22	0.4				
KEK	HZ	113	225	EP		2102	1.272	-0.27							1.0
KEK	HZ	113	225	IAML		2102	9.245			25	0.6				
PHP	HZ	141	350	EP		2102	6.381	0.09							1.0
PHP	HZ	141	350	IAML		2102	3.614			14	0.5				
PUK	HZ	192	339	EP		2102	5.446	1.32							0.9
PUK	HZ	192	339	IAML		2102	8.040			8	0.4				
BCI	HZ	222	346	EP		2102	8.316	0.43							0.9

**March 26 2023 Hour: 22:12 24.9 Lat: 40.43N Lon: 20.72E D: 4.2 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR 2.9MW TIR Rms: 0.4 secs**  
**7 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	23	14	EP		2212	9.227	0.17							1.0
KBN	HN	23	14	ES		2212	2.688	0.29							1.0
KBN	HZ	23	14	IAML		2212	3.698			386	0.1				
NEST	HZ	28	93	EP		2212	0.272	0.32							1.0
NEST	HN	28	93	ES		2212	4.264	0.24							1.0
NEST	HZ	28	93	IAML		2212	6.351			226	0.2				
LSK	HZ	33	199	EP		2212	0.487	-0.33							1.0
LSK	HN	33	199	ES		2212	5.937	0.36							1.0
LSK	HZ	33	199	IAML		2212	9.169			418	0.7				
TPE	HZ	62	257	EP		2212	5.432	-0.59							1.0
TPE	HN	62	257	ES		2212	4.972	-0.03							1.0
TPE	HZ	62	257	IAML		2212	2.943			67	0.8				
BERA	HZ	72	295	EP		2212	6.970	-0.92							1.0
BERA	HN	72	295	ES		2212	8.761	0.38							1.0
BERA	HZ	72	295	IAML		2212	0.192			36	0.4				
SRN	HZ	87	226	EP		2212	0.240	-0.16							1.0

SRN	HN	87	226	ES	2212	2.934	0.01										1.0
SRN	HZ	87	226	IAML	2212	8.368		17	0.7								
KZN	HZ	90	98	EP	2212	0.982	-0.04										1.0
KZN	HN	90	98	ES	2212	4.068	0.02										1.0
IGT	HZ	105	199	EP	2212	3.116	-0.44										1.0
IGT	HN	105	199	ES	2212	8.663	0.03										1.0
IGT	HZ	105	199	IAML	2213	1.595		20	0.9								
KEK	HZ	112	225	EP	2212	5.225	0.49										1.0
KEK	HN	112	225	ES	2213	1.433	0.67										1.0
KEK	HZ	112	225	IAML	2213	3.960		29	0.6								
PHP	HZ	142	350	EP	2212	9.258	-0.49										1.0
PHP	HN	142	350	ES	2213	9.531	-0.31										1.0
PHP	HZ	142	350	IAML	2213	7.247		18	0.5								
THL	HZ	146	131	EP	2212	0.502	0.10										1.0
THL	HN	146	131	ES	2213	0.373	-0.67										1.0
LACI	HZ	159	328	EP	2212	2.680	0.13										0.9
PUK	HZ	193	339	EP	2212	7.761	-0.05										0.9
PUK	HN	193	339	ES	2213	4.422	-0.02										0.9
PUK	HZ	193	339	IAML	2213	1.539		6	0.7								
BCI	HZ	222	346	EP	2213	2.435	0.85										0.9
BCI	HN	222	346	ES	2213	1.336	0.07										0.9
BCI	HZ	222	346	IAML	2213	1.093		12	1.2								

**March 26 2023 Hour: 23:21 52.7 Lat: 40.43N Lon: 20.71E D: 10.0F Ag: TIR Local**  
**Magnitudes: 2.2ML TIR 2.9MW TIR Rms: 0.4 secs**  
**8 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	22	17	EP		2321	6.972	0.31							1.0
KBN	HN	22	17	ES		2322	0.050	0.21							1.0
KBN	HZ	22	17	IAML		2322	1.139		409	0.2					
NEST	HZ	29	94	EP		2321	8.137	0.29							1.0
NEST	HN	29	94	ES		2322	2.141	0.16							1.0
NEST	HZ	29	94	IAML		2322	3.548		353	0.2					
LSK	HZ	33	197	EP		2321	8.539	-0.11							1.0
LSK	HN	33	197	ES		2322	3.841	0.41							1.0
LSK	HZ	33	197	IAML		2322	6.905		413	0.5					
TPE	HZ	61	256	EP		2322	3.498	-0.19							1.0
TPE	HN	61	256	ES		2322	2.733	0.18							1.0
TPE	HZ	61	256	IAML		2322	4.934		61	1.0					
BERA	HZ	71	295	EP		2322	4.788	-0.68							1.0
BERA	HN	71	295	ES		2322	5.198	-0.57							1.0
BERA	HZ	71	295	IAML		2322	6.099		51	0.1					
SRN	HZ	87	225	EP		2322	8.030	-0.16							1.0
SRN	HN	87	225	ES		2322	0.340	-0.35							1.0
SRN	HZ	87	225	IAML		2322	1.143		18	0.1					
KZN	HZ	91	99	EP		2322	8.663	-0.32							1.0
KZN	HN	91	99	ES		2322	1.753	-0.38							1.0
IGT	HZ	105	198	EP		2322	1.068	-0.48							1.0
IGT	HN	105	198	ES		2322	7.234	0.46							1.0
IGT	HZ	105	198	IAML		2322	3.963		22						
KEK	HZ	112	225	EP		2322	2.369	-0.34							1.0
KEK	HN	112	225	ES		2322	9.583	0.70							1.0
KEK	HZ	112	225	IAML		2322	8.628		22	0.8					
TIR	HZ	124	325	EP		2322	4.996	0.15							1.0
TIR	HN	124	325	ES		2322	3.037	0.28							1.0
TIR	HZ	124	325	IAML		2322	9.892		7	0.8					
PHP	HZ	141	351	EP		2322	7.059	-0.60							1.0
PHP	HN	141	351	ES		2322	7.812	-0.02							1.0
PHP	HZ	141	351	IAML		2322	4.956		17	0.5					
LACI	HZ	158	328	EP		2322	0.424	-0.00							0.9
LACI	HN	158	328	ES		2322	3.508	0.66							0.9
LACI	HZ	158	328	IAML		2322	7.129		10	0.6					
PUK	HZ	191	339	EP		2322	6.289	0.29							0.9
PUK	HN	191	339	ES		2322	2.705	-0.22							0.9

PUK HZ 191 339 IAML 2322 8.787 8 0.6  
 BCI HZ 221 346 EP 2322 0.250 0.47 0.9

**March 27 2023 Hour: 0:22 48.3 Lat: 38.89N Lon: 20.89E D: 10.0F Ag: TIR Local**  
**Magnitudes: 2.5ML TIR 2.9MW TIR Rms: 0.6 secs**

**104 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	23	240	EP		0022	2.411	-0.09							1.0
LKD2	HN	23	240	ES		0022	6.381	0.50							1.0
VLS	HZ	84	198	EP		0023	2.099	-1.20							1.0
VLS	HN	84	198	ES		0023	5.371	-0.05							1.0
IGT	HZ	86	326	EP		0023	2.527	-1.10							1.0
IGT	HN	86	326	ES		0023	6.020	-0.00							1.0
IGT	HZ	86	326	IAML		0023	8.501		33	0.6					
THL	HZ	122	52	EP		0023	0.042	-0.09							1.0
THL	HE	122	52	ES	C	0023	7.498	-0.29							1.0
KEK	HZ	131	314	EP		0023	0.784	-0.78							1.0
KEK	HN	131	314	ES		0023	0.842	0.45							1.0
KEK	HZ	131	314	IAML		0023	7.209		67	0.5					
SRN	HZ	134	325	EP		0023	2.396	0.39							1.0
SRN	HN	134	325	ES		0023	1.594	0.40							1.0
SRN	HZ	134	325	IAML		0023	7.741		16	0.2					
LSK	HZ	142	350	EP		0023	3.979	0.57							1.0
LSK	HN	142	350	ES		0023	3.950	0.23							1.0
LSK	HZ	142	350	IAML		0023	0.525		49						
NEST	HZ	169	5	EP		0023	8.698	0.67							0.9
NEST	HN	169	5	ES		0023	1.956	-0.13							0.9
NEST	HZ	169	5	IAML		0023	8.234		17	0.6					
TPE	HZ	173	334	EP		0023	8.164	-0.37							0.9
TPE	HN	173	334	ES		0023	2.045	-0.96							0.9
TPE	HZ	173	334	IAML		0023	8.037		26	0.1					
ITM	HZ	211	154	EP		0023	4.962	0.93							0.9
ITM	HN	211	154	ES		0023	3.196	0.25							0.9
BERA	HZ	216	338	EP		0023	5.435	0.76							0.9
BERA	HN	216	338	ES		0023	4.413	0.30							0.9
BERA	HZ	216	338	IAML		0024	0.956		15	0.4					

**March 27 2023 Hour: 2:29 35.8 Lat: 38.72N Lon: 20.63E D: 6.0 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR Rms: 0.5 secs**

**111 km S of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	8	17	EP		0229	8.066	0.41							1.0
VLS	HZ	60	183	EP		0229	6.323	-0.22							1.0
VLS	HN	60	183	ES		0229	5.301	0.03							1.0
IGT	HZ	94	344	EP		0229	1.907	-0.59							1.0
IGT	HN	94	344	ES		0230	5.297	-0.75							1.0
IGT	HZ	94	344	IAML		0230	8.137		29	0.3					
KEK	HZ	132	327	EP		0229	8.576	-0.20							1.0
KEK	HN	132	327	ES		0230	7.564	0.15							1.0
KEK	HZ	132	327	IAML		0230	3.793		32	1.0					
SRN	HZ	140	337	EP		0230	0.635	0.50							1.0
SRN	HN	140	337	ES		0230	9.772	-0.09							1.0
SRN	HZ	140	337	IAML		0230	4.774		9	1.5					
THL	HZ	152	51	EP		0230	1.284	-0.90							1.0
LSK	HZ	159	359	EP		0230	4.181	0.81							0.9
LSK	HN	159	359	ES		0230	5.634	-0.09							0.9
LSK	HZ	159	359	IAML		0230	7.250		17	0.4					
NEST	HZ	192	11	EP		0230	9.032	0.68							0.9
NEST	HN	192	11	ES		0230	5.170	0.43							0.9
NEST	HZ	192	11	IAML		0230	9.822		6	0.6					

March 27 2023 Hour: 4:49 22.5 Lat: 40.43N Lon: 20.72E D: 1.4 Ag: TIR Local  
 Magnitudes: 2.3ML TIR 2.8MW TIR Rms: 0.5 secs  
 8 km N of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	22	15	EP		0449	6.688	0.25							1.0
KBN	HN	22	15	ES		0449	0.140	0.50							1.0
KBN	HZ	22	15	IAML		0449	1.241			246	0.2				
NEST	HZ	28	94	EP		0449	7.767	0.29							1.0
NEST	HN	28	94	ES		0449	1.638	0.12							1.0
NEST	HZ	28	94	IAML		0449	3.400			768	0.3				
LSK	HZ	33	199	EP		0449	8.062	-0.35							1.0
LSK	HN	33	199	ES		0449	3.503	0.30							1.0
LSK	HZ	33	199	IAML		0449	6.525			346	0.6				
TPE	HZ	62	256	EP		0449	3.369	-0.19							1.0
TPE	HN	62	256	ES		0449	2.665	0.15							1.0
TPE	HZ	62	256	IAML		0449	8.386			84	0.5				
BERA	HZ	72	295	EP		0449	4.282	-1.08							1.0
BERA	HN	72	295	ES		0449	5.052	-0.72							1.0
BERA	HZ	72	295	IAML		0449	6.197			58	0.4				
SRN	HZ	87	225	EP		0449	7.688	-0.31							1.0
SRN	HN	87	225	ES		0449	0.791	0.23							1.0
SRN	HZ	87	225	IAML		0449	7.010			23	0.3				
KZN	HZ	90	99	EP		0449	8.156	-0.45							1.0
KZN	HN	90	99	ES		0449	1.599	-0.05							1.0
IGT	HZ	105	199	EP		0449	1.353	0.05							1.0
IGT	HN	105	199	ES		0449	6.876	0.35							1.0
IGT	HZ	105	199	IAML		0450	3.363			27	0.7				
KEK	HZ	112	225	EP		0449	3.631	1.10							1.0
KEK	HZ	112	225	IAML		0450	8.635			44	0.6				
PHP	HZ	141	350	EP		0449	7.460	0.08							1.0
PHP	HE	141	350	ES		0450	7.594	0.06							1.0
PHP	HZ	141	350	IAML		0450	5.527			21	0.4				
THL	HZ	146	131	EP		0449	8.302	0.07							1.0
THL	HN	146	131	ES		0450	8.093	-0.98							1.0
PUK	HZ	192	339	EP		0449	6.275	0.64							0.9
PUK	HZ	192	339	IAML		0450	5.651			7	0.6				

March 27 2023 Hour: 20:14 24.1 Lat: 41.77N Lon: 19.02E D: 19.0 Ag: TIR Local  
 Magnitudes: 2.5ML TIR 3.0MW TIR Rms: 0.6 secs  
 52 km W of Lezhe

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SDA	HZ	51	52	EP		2014	3.418	-0.08							1.0
SDA	HN	51	52	ES		2014	1.310	0.25							1.0
SDA	HZ	51	52	IAML		2014	4.676			76	0.4				
LACI	HZ	60	104	EP		2014	4.966	-0.11							1.0
LACI	HN	60	104	ES		2014	4.623	0.70							1.0
LACI	HZ	60	104	IAML		2014	7.676			97	0.5				
PDG	HZ	76	15	EP		2014	7.486	-0.10							1.0
PDG	HN	76	15	ES		2014	8.898	0.43							1.0
PDG	HZ	76	15	IAML		2014	2.560			82	0.7				
PUK	HZ	79	67	EP		2014	7.480	-0.65							1.0
PUK	HN	79	67	ES		2014	8.879	-0.58							1.0
PUK	HZ	79	67	IAML		2014	4.756			89	0.5				
TIR	HZ	85	123	EP		2014	9.654	0.50							1.0
TIR	HN	85	123	ES		2014	1.103	-0.20							1.0
TIR	HZ	85	123	IAML	A	2014	9.851			27	0.6				
BCI	HZ	109	53	EP		2014	2.256	-0.90							1.0
BCI	HN	109	53	ES		2014	9.291	0.74							1.0
BCI	HZ	109	53	IAML		2015	0.072			88	0.5				
PHP	HZ	119	94	EP		2014	4.602	-0.19							1.0
PHP	HN	119	94	ES		2015	1.437	-0.07							1.0
PHP	HZ	119	94	IAML		2015	6.236			53	0.5				
BERA	HZ	142	146	EP		2014	7.798	-0.63							1.0

BERA	HN	142	146	ES	2015	7.269	-0.82										1.0
BERA	HZ	142	146	IAML	2015	0.878			45	0.3							
VLO	HZ	150	164	EP	2014	0.158	0.47										1.0
VLO	HN	150	164	ES	2015	0.837	0.46										1.0
TPE	HZ	184	153	EP	2014	4.849	0.64										0.9
TPE	HZ	184	153	IAML	2015	7.781			29	0.5							
SCTE	HZ	194	194	EP	2014	5.604	0.13										0.9
NOCI	HZ	197	237	EP	2014	5.305	-0.48										0.9
LSK	HZ	224	143	EP	2014	8.326	-1.06										0.9
LSK	HZ	224	143	IAML	2015	6.700			23	0.5							
SRN	HZ	226	158	EP	2015	0.581	1.07										0.9
SRN	HZ	226	158	IAML	2015	3.547			15	0.7							
NEST	HZ	228	131	EP	2015	0.461	0.59										0.9
NEST	HZ	228	131	IAML	2015	3.059			10	0.3							

**March 28 2023 Hour: 20:32 7.9 Lat: 41.15N Lon: 20.29E D: 14.3 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR 2.6MW TIR Rms: 0.4 secs**  
**4 km SW of Librazhd**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	42	302	EP		2032	5.628	0.02							1.0
TIR	HN	42	302	ES		2032	2.103	0.23							1.0
TIR	HZ	42	302	IAML		2032	5.826			32	0.4				
BERA	HZ	57	210	EP		2032	7.323	-0.84							1.0
BERA	HN	57	210	ES		2032	6.610	0.12							1.0
BERA	HZ	57	210	IAML		2032	9.186			33	1.2				
PHP	HZ	61	12	EP		2032	8.505	-0.29							1.0
PHP	HN	61	12	ES		2032	7.740	0.11							1.0
PHP	HZ	61	12	IAML		2032	2.462			32	0.3				
KBN	HZ	72	144	EP		2032	0.718	0.06							1.0
KBN	HN	72	144	ES		2032	0.944	-0.06							1.0
KBN	HZ	72	144	IAML		2032	6.494			25	0.3				
LACI	HZ	72	319	EP		2032	9.771	-0.86							1.0
LACI	HN	72	319	ES		2032	1.001	0.05							1.0
LACI	HZ	72	319	IAML		2032	4.661			30	0.3				
NEST	HZ	104	142	EP		2032	5.944	-0.03							1.0
NEST	HN	104	142	ES		2032	0.947	0.32							1.0
NEST	HZ	104	142	IAML		2032	7.178			47	0.7				
PUK	HZ	105	342	EP		2032	6.080	0.01							1.0
PUK	HE	105	342	ES		2032	1.117	0.30							1.0
PUK	HZ	105	342	IAML		2032	2.241			10	0.3				
LSK	HZ	114	167	EP		2032	6.524	-1.15							1.0
LSK	HN	114	167	ES		2032	3.835	0.14							1.0
LSK	HZ	114	167	IAML		2032	6.302			19	0.6				
SDA	HZ	120	327	EP		2032	8.155	-0.38							1.0
SDA	HE	120	327	ES		2032	5.481	0.21							1.0
BCI	HZ	136	352	EP		2032	1.692	0.33							1.0
BCI	HN	136	352	ES		2032	0.324	-0.06							1.0
BCI	HZ	136	352	IAML		2033	0.524			17	0.5				
SRN	HZ	143	190	EP		2032	3.267	0.83							1.0
SRN	HN	143	190	ES		2032	2.704	0.38							1.0
KZN	HZ	156	126	EP		2032	5.464	0.77							1.0
KZN	HE	156	126	ES		2032	6.290	-0.12							1.0
KEK	HZ	165	195	EP		2032	5.907	-0.01							0.9
KEK	HE	165	195	ES		2032	8.729	0.10							0.9
PDG	HZ	166	329	EP		2032	6.046	0.03							0.9
PDG	HN	166	329	ES		2032	8.948	0.13							0.9
PDG	HZ	166	329	IAML		2033	3.575			10	0.5				
IGT	HZ	180	179	EP		2032	8.102	0.29							0.9
IGT	HN	180	179	ES		2033	1.949	-0.12							0.9
IGT	HZ	180	179	IAML		2033	1.282			36	1.5				
THL	HZ	229	140	EP		2032	4.245	0.11							0.9
THL	HN	229	140	ES		2033	2.977	-0.52							0.9

March 29 2023 Hour: 9:42 17.5 Lat: 40.42N Lon: 20.74E D: 8.6 Ag: TIR Local  
 Magnitudes: 2.3ML TIR 2.7MW TIR Rms: 0.4 secs  
 7 km N of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	23	11	EP		0942	1.732	-0.15							1.0
KBN	HN	23	11	ES		0942	5.441	0.01							1.0
KBN	HZ	23	11	IAML		0942	6.475			377	0.2				
NEST	HZ	27	92	EP		0942	2.538	0.00							1.0
NEST	HN	27	92	ES		0942	6.755	0.14							1.0
NEST	HZ	27	92	IAML		0942	8.785			369	0.2				
TPE	HZ	63	257	EP		0942	9.259	0.42							1.0
TPE	HN	63	257	ES		0942	7.974	-0.05							1.0
TPE	HZ	63	257	IAML		0942	4.741			48	0.3				
BERA	HZ	74	295	EP		0942	0.078	-0.54							1.0
BERA	HE	74	295	ES		0942	0.667	-0.58							1.0
BERA	HZ	74	295	IAML		0942	2.625			59	0.2				
SRN	HZ	87	226	EP		0942	3.185	0.33							1.0
SRN	HE	87	226	ES		0942	5.290	-0.00							1.0
KZN	HZ	89	98	EP		0942	2.876	-0.33							1.0
KZN	HN	89	98	ES		0942	5.978	0.04							1.0
IGT	HZ	105	199	EP		0942	4.967	-0.86							1.0
IGT	HE	105	199	ES		0942	1.288	0.61							1.0
IGT	HZ	105	199	IAML		0942	4.605			20	0.4				
KEK	HZ	112	226	EP		0942	6.999	-0.09							1.0
KEK	HZ	112	226	IAML		0942	9.384			31	0.6				
PHP	HZ	142	350	EP		0942	2.041	-0.07							1.0
THL	HZ	145	131	EP		0942	2.614	0.11							1.0
THL	HN	145	131	ES		0943	2.679	-0.08							1.0
LACI	HZ	160	328	EP		0942	5.352	0.38							0.9
LACI	HN	160	328	ES		0943	7.915	0.68							0.9
LACI	HZ	160	328	IAML		0943	4.181			21	0.6				
PUK	HZ	193	339	EP		0942	0.045	0.13							0.9
PUK	HZ	193	339	IAML		0943	5.772			9	0.6				
BCI	HZ	223	346	EP		0942	3.667	-0.00							0.9
BCI	HZ	223	346	IAML		0943	1.832			13	0.5				

March 29 2023 Hour: 15:22 40.7 Lat: 38.88N Lon: 21.38E D: 19.2 Ag: TIR Local  
 Magnitudes: 2.4ML TIR Rms: 0.4 secs  
 134 km SE of Konispol

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	64	261	EP		1522	2.208	0.02							1.0
LKD2	HN	64	261	ES		1523	1.582	0.10							1.0
THL	HZ	93	36	EP		1522	7.412	0.33							1.0
THL	HE	93	36	ES		1523	9.737	-0.60							1.0
VLS	HZ	104	221	EP		1522	8.830	-0.08							1.0
VLS	HN	104	221	ES		1523	3.249	-0.40							1.0
LSK	HZ	156	335	EP		1523	7.442	0.29							1.0
SRN	HZ	162	313	EP		1523	8.031	0.16							0.9
KZN	HZ	162	12	EP		1523	7.836	-0.05							0.9
KEK	HZ	164	305	EP		1523	8.423	0.24							0.9
KEK	HZ	164	305	IAML		1523	9.194			40	1.3				
KEK	HE	164	305	ES		1523	0.022	-0.42							0.9
NEST	HZ	172	351	EP		1523	0.332	1.04							0.9
NEST	HN	172	351	ES		1523	1.858	-0.57							0.9
NEST	HZ	172	351	IAML		1523	2.246			10	0.8				

March 29 2023 Hour: 16:59 33.3 Lat: 40.40N Lon: 20.74E D: 1.5 Ag: TIR Local  
 Magnitudes: 2.2ML TIR 2.8MW TIR Rms: 0.4 secs  
 5 km NE of Erseke

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	25	9	EP		1659	7.453	-0.23							1.0
KBN	HE	25	9	ES		1659	1.203	-0.06							1.0
KBN	HZ	25	9	IAML		1659	2.718			227	0.7				

NEST	HZ	26	87	EP	1659	8.102	0.17								1.0
NEST	HE	26	87	ES	1659	1.997	0.28								1.0
NEST	HZ	26	87	IAML	1659	5.170		355	0.9						
LSK	HZ	31	203	EP	1659	8.751	-0.01								1.0
LSK	HN	31	203	ES	1659	3.788	0.56								1.0
LSK	HZ	31	203	IAML	1659	7.262		380	0.4						
TPE	HZ	63	259	EP	1659	4.089	-0.41								1.0
TPE	HN	63	259	ES	1659	3.393	-0.21								1.0
TPE	HZ	63	259	IAML	1659	9.740		66	0.9						
BERA	HZ	75	297	EP	1659	5.747	-0.89								1.0
BERA	HN	75	297	ES	1659	7.366	-0.10								1.0
BERA	HZ	75	297	IAML	1700	1.615		49	0.4						
SRN	HZ	86	228	EP	1659	8.921	0.32								1.0
SRN	HE	86	228	ES	1700	1.045	0.02								1.0
SRN	HZ	86	228	IAML	1700	8.323		16	1.0						
KZN	HZ	88	97	EP	1659	8.705	-0.28								1.0
KZN	HN	88	97	ES	1700	1.471	-0.25								1.0
IGT	HZ	103	200	EP	1659	1.443	-0.19								1.0
IGT	HE	103	200	ES	1700	6.520	-0.00								1.0
IGT	HZ	103	200	IAML	1700	4.522		21	1.6						
KEK	HZ	111	227	EP	1659	3.858	0.74								1.0
KEK	HN	111	227	ES	1700	8.802	-0.40								1.0
KEK	HZ	111	227	IAML	1700	1.409		25	0.6						
THL	HZ	143	130	EP	1659	8.982	0.55								1.0
THL	HE	143	130	ES	1700	7.907	-0.92								1.0
PHP	HZ	144	350	EP	1659	9.348	0.66								1.0
LACI	HZ	162	328	EP	1700	1.902	0.37								0.9
PUK	HZ	195	339	EP	1700	7.545	0.71								0.9
PUK	HN	195	339	ES	1700	3.718	-0.31								0.9
PUK	HZ	195	339	IAML	1700	7.286		7	0.8						

**March 29 2023 Hour: 17: 8 37.6 Lat: 40.43N Lon: 20.75E D: 1.3 Ag: TIR Local**  
**Magnitudes: 2.1ML TIR 2.5MW TIR Rms: 0.5 secs**  
**7 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	22	8	EP		1708	1.905	0.31							1.0
KBN	HN	22	8	ES		1708	5.078	0.29							1.0
KBN	HZ	22	8	IAML		1708	6.471		207	0.1					
NEST	HZ	25	93	EP		1708	2.388	0.19							1.0
NEST	HN	25	93	ES		1708	6.417	0.53							1.0
NEST	HZ	25	93	IAML		1708	8.620		373	0.2					
LSK	HZ	33	203	EP		1708	3.409	-0.23							1.0
LSK	HE	33	203	ES		1708	8.566	0.08							1.0
LSK	HZ	33	203	IAML		1708	1.897		234	0.4					
TPE	HZ	64	257	EP		1708	9.034	-0.07							1.0
TPE	HN	64	257	ES		1708	9.290	0.91							1.0
TPE	HZ	64	257	IAML		1709	3.984		53	0.8					
BERA	HZ	74	294	EP		1708	0.593	-0.34							1.0
BERA	HN	74	294	ES		1709	0.874	-0.82							1.0
BERA	HZ	74	294	IAML		1709	2.537		37	0.2					
KZN	HZ	88	98	EP		1708	3.230	-0.09							1.0
KZN	HN	88	98	ES		1709	5.974	-0.04							1.0
SRN	HZ	88	227	EP		1708	3.126	-0.27							1.0
SRN	HZ	88	227	IAML		1709	6.363		28	1.5					
IGT	HZ	106	200	EP		1708	6.332	-0.18							1.0
IGT	HE	106	200	ES		1709	1.947	0.16							1.0
IGT	HZ	106	200	IAML		1709	3.971		12	0.3					
KEK	HZ	114	226	EP		1708	8.202	0.29							1.0
PHP	HZ	142	350	EP		1709	2.668	-0.01							1.0
PHP	HE	142	350	ES		1709	1.679	-1.28							1.0
PHP	HZ	142	350	IAML		1709	2.104		11	0.8					
THL	HZ	144	131	EP		1709	2.668	-0.37							1.0
THL	HE	144	131	ES		1709	2.893	-0.71							1.0
LACI	HZ	160	327	EP		1709	5.650	0.03							0.9



PUK	HZ	193	338	EP		1709	1.910	0.94										0.9
PUK	HN	193	338	ES		1709	8.735	0.78										0.9
PUK	HZ	193	338	IAML		1709	3.758				7	0.6						

**March 29 2023 Hour: 17:10 51.1 Lat: 40.43N Lon: 20.75E D: 5.8 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.3 secs**  
**8 km NE of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	22	8	EP		1710	5.474	0.27							1.0
KBN	HN	22	8	ES		1710	8.466	-0.08							1.0
KBN	HZ	22	8	IAML		1711	1.157			169	0.7				
NEST	HZ	25	93	EP		1710	6.130	0.33							1.0
NEST	HE	25	93	ES		1710	9.846	0.23							1.0
NEST	HZ	25	93	IAML		1711	2.250			215	0.2				
LSK	HZ	33	203	EP		1710	6.858	-0.31							1.0
LSK	HN	33	203	ES		1711	1.886	-0.20							1.0
LSK	HZ	33	203	IAML		1711	5.456			192	0.4				
TPE	HZ	64	257	EP		1711	2.630	0.05							1.0
BERA	HZ	74	295	EP		1711	4.071	-0.34							1.0
BERA	HN	74	295	ES		1711	5.028	-0.17							1.0
BERA	HZ	74	295	IAML		1711	0.537			32	0.4				
KZN	HZ	88	98	EP		1711	6.548	-0.26							1.0
KZN	HN	88	98	ES		1711	9.808	0.26							1.0
SRN	HZ	88	227	EP		1711	6.913	0.10							1.0
SRN	HE	88	227	ES		1711	9.496	-0.05							1.0
SRN	HZ	88	227	IAML		1711	4.989			15	2.0				
IGT	HZ	105	200	EP		1711	9.968	0.24							1.0
IGT	HE	105	200	ES		1711	5.336	0.51							1.0
IGT	HZ	105	200	IAML		1711	7.006			13	3.0				
KEK	HZ	113	226	EP		1711	1.217	0.17							1.0
KEK	HN	113	226	ES		1711	7.300	0.09							1.0
PHP	HZ	142	350	EP		1711	6.139	0.29							1.0
PHP	HE	142	350	ES		1711	5.493	-0.41							1.0
PHP	HZ	142	350	IAML		1711	5.673			12	0.8				
THL	HZ	144	131	EP		1711	5.514	-0.68							1.0
THL	HE	144	131	ES		1711	5.967	-0.55							1.0
LACI	HZ	160	327	EP		1711	8.936	0.15							0.9
PUK	HZ	193	338	EP		1711	4.194	0.34							0.9
PUK	HZ	193	338	IAML		1711	7.690			4	1.0				

**March 30 2023 Hour: 15: 0 37.5 Lat: 41.12N Lon: 20.07E D: 17.4 Ag: TIR Local**  
**Magnitudes: 3.0ML TIR 3.3MW TIR Rms: 0.4 secs**  
**0 km N of Elbasan**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIR	HZ	31	326	EP		1500	4.284	0.61							1.0
TIR	HN	31	326	ES		1500	8.854	0.18							1.0
TIR	HZ	31	326	IAML		1500	0.284			530	0.3				
BERA	HZ	47	193	EP		1500	5.930	-0.30							1.0
BERA	HN	47	193	ES		1500	3.215	-0.09							1.0
BERA	HZ	47	193	IAML		1500	4.951			974	0.2				
BPA2	HZ	57	222	EP		1500	7.427	-0.47							1.0
LACI	HZ	65	333	EP		1500	8.467	-0.63							1.0
LACI	HE	65	333	ES		1500	8.401	-0.08							1.0
LACI	HZ	65	333	IAML		1501	4.143			283	0.3				
PHP	HZ	70	26	EP		1500	9.918	-0.11							1.0
PHP	HE	70	26	ES		1500	9.964	-0.22							1.0
PHP	HZ	70	26	IAML		1501	5.298			268	0.3				
KBN	HZ	82	132	EP		1500	1.865	-0.06							1.0
KBN	HE	82	132	ES		1501	3.789	0.17							1.0
KBN	HZ	82	132	IAML		1501	8.927			204	0.7				
VLO	HZ	87	214	EP		1500	2.974	0.22							1.0
VLO	HN	87	214	ES		1501	5.655	0.55							1.0
VLO	HZ	87	214	IAML		1501	1.528			411	0.3				
TPE	HZ	92	183	EP		1500	3.156	-0.37							1.0

TPE	HN	92	183	ES	1501	6.612	0.10										1.0
TPE	HZ	92	183	IAML	1501	1.507			282	0.3							
PUK	HZ	104	352	EP	1500	5.311	-0.30										1.0
PUK	HN	104	352	ES	1501	9.961	-0.32										1.0
PUK	HZ	104	352	IAML	1501	4.932			214	0.4							
NEST	HZ	114	133	EP	1500	7.393	0.13										1.0
NEST	HZ	114	133	IAML	1501	6.988			149	0.3							
SDA	HZ	114	336	EP	1500	7.848	0.61										1.0
NEST	HE	114	133	ES	1501	3.357	0.09										1.0
SDA	HN	114	336	ES	1501	3.609	0.38										1.0
SDA	HZ	114	336	IAML	1501	8.450			35	0.4							
LSK	HZ	116	157	EP	1500	6.896	-0.81										1.0
LSK	HN	116	157	ES	1501	4.495	0.42										1.0
LSK	HZ	116	157	IAML	1501	4.217			205	0.6							
SRN	HZ	138	182	EP	1501	0.807	-0.30										1.0
SRN	HN	138	182	ES	1501	0.332	0.11										1.0
SRN	HZ	138	182	IAML	1501	7.634			116	0.4							
BCI	HZ	139	360	EP	1501	1.981	0.65										1.0
BCI	HN	139	360	ES	1501	0.451	-0.18										1.0
BCI	HZ	139	360	IAML	1501	8.309			149	0.4							
KEK	HZ	158	188	EP	1501	4.008	-0.28										0.9
KEK	HZ	158	188	IAML	1501	0.474			88	0.6							
PDG	HZ	161	335	EP	1501	4.492	-0.14										0.9
PDG	HZ	161	335	IAML	1501	7.947			128	0.4							
KZN	HZ	170	122	EP	1501	6.404	0.50										0.9
IGT	HZ	177	173	EP	1501	6.115	-0.72										0.9
IGT	HZ	177	173	IAML	1501	7.860			49	0.2							
THL	HZ	239	136	EP	1501	5.437	0.77										0.9

**March 30 2023 Hour: 21:12 19.8 Lat: 40.00N Lon: 20.64E D: 8.9 Ag: TIR Local**  
**Magnitudes: 2.3ML TIR 3.1MW TIR Rms: 0.3 secs**  
**31 km E of Libohove**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	17	350	EP		2112	3.140	-0.21							1.0
LSK	HE	17	350	ES		2112	6.306	0.09							1.0
LSK	HZ	17	350	IAML		2112	8.601			1434	0.4				
SRN	HZ	56	257	EP		2112	0.091	0.19							1.0
SRN	HN	56	257	ES		2112	8.672	0.60							1.0
SRN	HZ	56	257	IAML		2112	1.545			77	0.6				
IGT	HZ	58	207	EP		2112	9.463	-0.79							1.0
IGT	HE	58	207	ES		2112	8.767	0.05							1.0
IGT	HZ	58	207	IAML		2112	6.160			63	0.5				
NEST	HZ	58	37	EP		2112	0.130	-0.22							1.0
NEST	HE	58	37	ES		2112	8.990	0.10							1.0
NEST	HZ	58	37	IAML		2112	1.603			71	0.6				
TPE	HZ	62	302	EP		2112	1.095	0.05							1.0
TPE	HN	62	302	ES		2112	0.287	0.15							1.0
TPE	HZ	62	302	IAML		2112	1.972			125	0.8				
KBN	HZ	71	10	EP		2112	2.522	0.03							1.0
KBN	HE	71	10	ES		2112	2.479	-0.28							1.0
KBN	HZ	71	10	IAML		2112	9.996			37	0.7				
KEK	HZ	78	246	EP		2112	3.472	-0.24							1.0
KEK	HN	78	246	ES		2112	4.644	-0.32							1.0
KEK	HZ	78	246	IAML		2112	9.990			175	0.7				
BERA	HZ	98	324	EP		2112	6.377	-0.55							1.0
BERA	HN	98	324	ES		2112	0.793	0.01							1.0
BERA	HZ	98	324	IAML		2113	1.162			45	0.5				
KZN	HZ	103	70	EP		2112	8.038	0.22							1.0
THL	HZ	128	112	EP		2112	2.299	0.38							1.0
THL	HE	128	112	ES		2112	9.724	-0.10							1.0
LKD2	HZ	134	179	EP		2112	3.293	0.25							1.0
SCTE	HZ	185	273	EP		2112	1.022	-0.04							0.9
PHP	HN	188	355	ES		2113	7.237	0.07							0.9
PHP	HZ	188	355	IAML		2113	5.269			14	0.6				

LACI	HZ	198	337	EP		2112	3.526	0.86									0.9
LACI	HN	198	337	ES		2113	9.081	-0.20									0.9
LACI	HZ	198	337	IAML		2113	4.026		12	0.6							
VLS	HZ	202	181	EP		2112	3.308	0.05									0.9
PUK	HZ	236	345	IAML		2113	2.306		6	0.5							

**March 31 2023 Hour: 0:54 36.6 Lat: 39.99N Lon: 20.65E D: 9.3 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR Rms: 0.7 secs**  
**32 km E of Libohove**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LSK	HZ	18	347	EP		0054	9.681	-0.66							1.0
LSK	HN	18	347	ES		0054	3.140	-0.25							1.0
LSK	HZ	18	347	IAML		0054	1.116		726	0.6					
SRN	HZ	57	258	EP		0054	6.779	-0.01							1.0
SRN	HN	57	258	ES		0054	5.514	0.44							1.0
SRN	HZ	57	258	IAML		0054	7.924		54	0.2					
IGT	HZ	57	208	EP		0054	6.068	-0.87							1.0
IGT	HN	57	208	ES		0054	6.262	0.93							1.0
IGT	HZ	57	208	IAML		0055	0.369		39	0.4					
TPE	HZ	64	303	EP		0054	7.687	-0.33							1.0
TPE	HN	64	303	ES		0054	7.586	0.31							1.0
TPE	HZ	64	303	IAML		0055	1.156		81	0.8					
KBN	HZ	72	10	EP		0054	9.090	-0.29							1.0
KBN	HN	72	10	ES		0054	9.606	-0.15							1.0
KBN	HZ	72	10	IAML		0055	1.085		21	2.5					
KEK	HZ	79	247	EP		0054	0.330	-0.19							1.0
KEK	HN	79	247	ES		0055	2.261	0.44							1.0
KEK	HZ	79	247	IAML		0055	6.505		115	0.5					
BERA	HZ	99	324	EP		0054	4.018	0.11							1.0
BERA	HN	99	324	ES		0055	8.417	0.48							1.0
BERA	HZ	99	324	IAML		0055	7.281		28	0.7					
KZN	HZ	102	69	EP		0054	4.662	0.18							1.0
THL	HZ	126	111	EP		0054	9.009	0.56							1.0
THL	HN	126	111	ES		0055	5.677	-0.49							1.0
SCTE	HZ	186	274	EP		0055	8.555	0.64							0.9
SCTE	HN	186	274	ES		0055	0.930	-2.37							0.9
PHP	HZ	189	355	EP		0055	8.541	0.17							0.9
PHP	HN	189	355	ES		0055	5.567	1.45							0.9
PHP	HZ	189	355	IAML		0055	8.025		10	1.1					
PUK	HZ	237	345	EP		0055	4.354	-0.15							0.9
PUK	HZ	237	345	IAML		0055	8.575		4	0.7					

**March 31 2023 Hour: 1:39 25.1 Lat: 40.44N Lon: 20.72E D: 2.5 Ag: TIR Local**  
**Magnitudes: 2.7ML TIR Rms: 0.6 secs**  
**8 km N of Erseke**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KBN	HZ	22	14	EP		0139	9.700	0.69							1.0
KBN	HN	22	14	ES		0139	2.042	-0.13							1.0
KBN	HZ	22	14	IAML		0139	7.524		575	0.9					
NEST	HZ	28	95	EP		0139	0.776	0.69							1.0
NEST	HN	28	95	ES		0139	4.184	0.06							1.0
NEST	HZ	28	95	IAML		0139	5.275		562	0.5					
LSK	HZ	33	199	EP		0139	0.873	-0.23							1.0
LSK	HN	33	199	ES		0139	5.667	-0.29							1.0
LSK	HZ	33	199	IAML		0139	8.111		829	0.4					
TPE	HZ	62	256	EP		0139	5.958	-0.25							1.0
TPE	HN	62	256	ES		0139	4.895	-0.31							1.0
TPE	HN	62	256	IS		0139	4.977	-0.23							1.0
TPE	HZ	62	256	IAML		0139	1.382		327	0.8					
BERA	HZ	72	295	EP		0139	7.281	-0.68							1.0
BERA	HN	72	295	ES		0139	7.177	-1.21							1.0
BERA	HZ	72	295	IAML		0139	9.206		206	0.5					
SRN	HZ	87	225	EP		0139	0.596	-0.08							1.0
SRN	HN	87	225	ES		0139	3.510	0.23							1.0

SRN	HZ	87	225	IAML	0140	1.229			45	0.5					
KZN	HZ	90	99	EP	0139	0.850-0.35									1.0
KZN	HN	90	99	ES	0139	4.041-0.20									1.0
VLO	HZ	104	272	EP	0139	4.850 1.13									1.0
VLO	HZ	104	272	IAML	0140	5.560			120	0.5					
IGT	HZ	106	199	EP	0139	3.939-0.04									1.0
IGT	HN	106	199	ES	0140	0.006 0.75									1.0
IGT	HZ	106	199	IAML	0140	8.356			42	0.4					
KEK	HZ	112	225	EP	0139	5.112-0.01									1.0
KEK	HN	112	225	ES	0140	1.366 0.03									1.0
KEK	HZ	112	225	IAML	0140	5.386			57	0.7					
PHP	HZ	141	350	EP	0139	9.394-0.47									1.0
PHP	HZ	141	350	IAML	0140	9.330			39	1.0					
THL	HZ	147	131	EP	0139	1.427 0.64									1.0
THL	HN	147	131	ES	0140	0.032-1.56									1.0
LACI	HZ	158	328	EP	0139	2.889 0.20									0.9
LACI	HN	158	328	ES	0140	5.086 0.06									0.9
LACI	HZ	158	328	IAML	0140	9.193			63	0.7					
LKD2	HZ	183	182	EP	0139	7.870 1.01									0.9
PUK	HZ	192	339	EP	0139	9.269 1.20									0.9
PUK	HZ	192	339	IAML	0140	9.559			18	1.1					
SDA	HZ	207	331	EP	0140	0.299 0.42									0.9
PLG	HZ	231	91	EP	0140	2.152-0.93									0.9

**March 31 2023 Hour: 13:33 53.7 Lat: 38.94N Lon: 21.22E D: 12.7 Ag: TIR Local**  
**Magnitudes: 2.2ML TIR Rms: 0.3 secs**  
**119 km SE of Konispol**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKD2	HZ	52	251	EP		1334	4.052	1.05							1.0
LKD2	HE	52	251	ES		1334	0.417-0.16								1.0
THL	HZ	98	44	EP		1334	0.607-0.01								1.0
THL	HN	98	44	ES		1334	4.242-0.12								1.0
VLS	HZ	101	213	EP		1334	1.020-0.20								1.0
IGT	HE	101	311	ES		1334	5.191-0.22								1.0
VLS	HN	101	213	ES		1334	5.151-0.29								1.0
IGT	HZ	101	311	EP		1334	1.255 0.06								1.0
IGT	HZ	101	311	IAML		1334	4.292			20	0.3				
LSK	HZ	144	339	EP		1334	8.349-0.15								1.0
LSK	HE	144	339	ES		1334	8.542-0.08								1.0
LSK	HZ	144	339	IAML		1334	4.782			17	0.7				
KEK	HZ	150	305	EP		1334	9.125-0.17								1.0
NEST	HZ	164	355	EP		1334	1.994 0.18								0.9
NEST	HE	164	355	ES		1334	4.719 0.10								0.9
NEST	HZ	164	355	IAML		1334	0.284			16	0.6				

**March 31 2023 Hour: 16:52 37.2 Lat: 41.34N Lon: 20.99E D: 4.1 Ag: TIR Local**  
**Magnitudes: 2.0ML TIR Rms: 0.3 secs**  
**47 km NE of Prrenjas**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PHP	HZ	60	310	EP		1652	8.332	0.33							1.0
PHP	HN	60	310	ES		1652	6.484-0.22								1.0
PHP	HZ	60	310	IAML		1652	9.534			46	0.2				
KBN	HZ	81	192	EP		1652	1.460-0.33								1.0
KBN	HN	81	192	ES		1653	3.228-0.34								1.0
NEST	HZ	103	177	EP		1652	5.801 0.22								1.0
NEST	HN	103	177	ES		1653	0.973 0.53								1.0
NEST	HZ	103	177	IAML		1653	6.569			21	0.3				
BERA	HZ	113	232	EP		1652	7.571 0.38								1.0
BERA	HN	113	232	ES		1653	3.854 0.51								1.0
PUK	HZ	120	311	EP		1652	8.359-0.17								1.0
PUK	HN	120	311	ES		1653	5.467-0.30								1.0
PUK	HZ	120	311	IAML		1653	7.527			6	0.3				
LSK	HZ	136	194	EP		1653	1.083-0.07								1.0
LSK	HN	136	194	ES		1653	9.678-0.84								1.0

LSK	HZ	136	194	IAML	1653	5.363		11	0.4	
BCI	HZ	138	326	EP	1653	1.425	0.06			1.0
BCI	HN	138	326	ES	1653	0.975	0.07			1.0
BCI	HZ	138	326	IAML	1653	2.948		12	0.3	
SDA	HZ	147	303	EP	1653	3.327	0.38			1.0
SDA	HN	147	303	ES	1653	3.666	-0.10			1.0
BOSS	SZ	177	43	EP	1653	7.994	0.02			0.9
BOSS	SE	177	43	ES	1653	2.738	-0.13			0.9
PDG	HZ	188	311	EP	1653	9.520	0.07			0.9
PDG	HN	188	311	ES	1653	5.315	-0.22			0.9
IGT	HZ	208	196	EP	1653	2.402	0.32			0.9
IGT	HE	208	196	ES	1653	0.071	-0.22			0.9