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**BULETINI SIZMOLOGJIK**

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## **H Y R J E**

Buletini sizmologjik përmban ngjarjet sizmike (tërmetet), e regjistruar, lokalizuar dhe analizuar gjatë periudhës kohore një-mujore. Përpos pasqyrit kronologjik të aktivitetit sizmik të regjistruar, në territorin Shqipëtar dhe rreth tij, me anë të stacioneve të rrjetit sizmologjik shqipëtar, por edhe të rrjeteve fqinjë, periodiku përmban një analizë të gjithanëshme të parametrave të vlerësuar në drejtim të cilësisë së vlerësimit të tyre dhe statistikës së aktivitetit sizmik në vend. Përmbajtja e buletinit konsiston në terminologjinë përkatëse, në karakteristikat e stacioneve sizmologjik, të dhënat parametrike të vlerësuara nga analiza e çdo tërmeti, në analizën e cilësisë së vlerësimit të këtyre parametrave, në analizën e ngjarjeve të veçanta ( $M > 4.0$ ), nëse ka të tilla, si dhe në përpilimin e katalogut mujor dhe paraqitjen grafike në hartë, të epiqendrave të tërmeteve të lokalizuar. Në procesin e monitorim-regjistrimit dhe lokalizimit të ngjarjeve sizmike kontribuojnë drejtpërdrejtë punonjësit ndihmës-shkencor (laborant): Ing. Ardian Minarolli, Ing. Ervin Kasaj dhe Ing. Olgert Gjuzi (Inxhinier Gjeolog/ Monitorues në Qendrën Kombëtare të Sizmologjisë). Në kontrollin dhe analizën e cilësisë së vlerësimit të të dhënave, në analizën statistikore, analizën e ngjarjeve ( $M > 4.0$ ), katalogimin dhe paraqitjen grafike në hartë si dhe përpilimin e këtij buletini, kontribuojnë punonjësit kërkues sizmolog, Prof.Dr. Rrapo Ormeni dhe Dr. Edmond Dushi. Analiza e të dhënave kryhet me anë të programit Hypoinverse-2000 (Pakete rutinash në gjuhën Fortran), me autor Fred W Klein (2002) [Referenca: *Open File Report 02-171, v. 1.0, U. S. Geological Survey, 345 Middlefield Rd., MS#977, Menlo Park CA 94025; klein@usgs.gov*]. Ky program është baza llogaritëse e përdorur nga **Nanometrics** në programin interaktiv të përpunimit dhe lokalizimit të tërmeteve, në sistemin Libra 1, ATLAS (një ndërfaqe grafike në gjuhën Java). Të dhënat e përfutuara ruhen në formatet standart të Hypoinverse 2000, në skedarin hyp.prt dhe atë akiv, që shërbejnë edhe si baza për përpilimin e këtij buletini dhe analizës së kryer.

### **Briefing:**

The seismological bulletin represents a reassume of the seismic events (earthquakes), occurred within Albania and surroundings for a period of one month. These events are permanently recorded, located and further processed by Albanian Seismological Network. This report, along with the chronologic ordering of events, contains a comprehensive analysis of the evaluated parameters as well as the quality of this process. It contains the description of output parameters, parametric data, statistical analysis and quality data analysis, catalogue and epicenter map. Contributing assistant stuff are: Eng. Ardian Minarolli, Eng. Ervin Kasaj, Eng. Olger Gjuzi (Geologists/Observers) and scientific stuff: Prof.Dr. Rrapo Ormeni and Dr. Edmond Dushi (Seismologists). Program used for this analysis is Hyponverse 2000 (Klein, 2002; USGS), implicitly implemented in Atlas (Java Interface Nanometrics Firmware), part of Libra 1 VSAT system.

### **Stacionet Sizmikë (Seismic Stations)**

#### **A. Rrjeti Sizmologjik Shqipëtar (Albanian Seismological Network, ASN)**

Të dhënat për këtë rrjet janë dhënë në **Tab. 1**.

**3C** – sensor të shpejtësisë me tre komponente regjistrimi (3 – component velocimeters)

**BB** – sensor me reagim frekuencial me bandë të gjerë, në intervalin e frekuencave të fushës sizmike  $10^{-3} - 10^2$  Hz (Broadband sensors)

**RT** – regjistrim dhe tranmetim i të dhënave valore nga stacionet periferik në Qendrën Kombëtare të Monitorimit, në kohë reale (Real time communication)

**T<sub>0</sub>** – perioda vetjake e reagimit të sizmometrit (sensorit), mbi të cilën ai reagon linearisht si filtër i

frekuencave të larta (High-Pass). Ky parametër është karakteristik për një tip të dhënë sensori (Sensor Natural Period)

**Shënim:** të gjithë stacionet janë të regjistruar në regjistrin ndërkombëtar (WDC), ku identifikohen me kodin përkatës të përbërë nga 3-5 karaktere.

**Tab. 1** – Rrjeti Sizmologjik Shqipëtar (Albanian Seismological Network, ASN)

Kodi	Regjistruar (Po/Jo)	Gjer. Gjeo.	Gjat. Gjeo.	Lartësia	Tipi i stacionit	Sensori	Terheqja e Informacionit	Komunikimi	T <sub>0</sub>
Station Code	Registered (WDC)	Latitude (degree)	Longitude (degree)	Elev. (m)	Station type	Sensor type	Acquisition system	Communication	Nat.l Period (s)
TIR	Po (Y)	41.3477	19.8650	198	3C-BB	STS-2	Libra VSAT (InterNaqs)	RT satellite	120
BCI	Po (Y)	42.3666	20.0675	500	3C-BB	CMG-40T	Libra VSAT	RT satellite	40
PHP	Po (Y)	41.6847	20.4408	670	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
SDA	Po (Y)	42.0519	19.4986	80	3C-SP	SM-4	GBV-316	Dial-up	0.2
LACI	Po (Y)	41.6363	19.7094	40	3C-SP	SM-4	GBV-316	Dial-up	0.2
TPE	Po (Y)	40.2952	20.0109	240	3C-SP	SM-4	GBV-316	Dial-up	0.2
LSK	Po (Y)	40.1500	20.6000	920	3C-BB	CMG-40T	Libra VSAT	RT satellite	40
KBN	Po (Y)	40.6236	20.7874	800	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
VLO	Po (Y)	40.4686	19.4955	80	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
SRN	Po (Y)	39.8800	20.0005	20	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
PUK	Po (Y)	42.0426	19.8926	900	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
KKS	Po (Y)	42.0756	20.4113	300	3C-SP	SM-4	GBV-316	Dial-up	0.2

Rrjeti Sizmologjik Virtual (Virtual Seismological Network)

**Tab. 2** – Rrjeti Sizmologjik Virtual - InterNaqs (INGV, AUTH)

Kodi	Regjistruar (Po/Jo)	Gjer. Gjeo.	Gjat. Gjeo.	Lartësia	Tipi i stacionit	Sensori	Terheqja e Informacionit	Komunikimi	T <sub>0</sub>
Station Code	Registered (WDC)	Latitude (degree)	Longitude (degree)	Elev. (m)	Station type	Sensor type	Acquisition system	Communication	Nat.l Period (s)
MRVN	Po (Y)	41.0609	16.1958	610	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
NOCI	Po (Y)	40.7888	17.0644	420	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
SCTE	Po (Y)	40.0724	18.4675	150	3C-BB	Trillium 40T, 120S	Libra VSAT	RT satellite	40/120
SGRT	Po (Y)	41.7546	15.7437	960	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
LKD2	Po (Y)	38.7889	20.6578	485	3C-BB	CMG-3ESP/100	Trident	RT	40
THE	Po (Y)	40.6319	22.9628	124	3C-BB	Trillium 120	Taurus	GPRS	120
NEST	Po (Y)	40.4147	21.0489	1056	3C-BB	Trillium 120	Taurus	GPRS	120
FNA	Po (Y)	40.7818	21.3835	750	3C-BB	CMG-3EPS/100	Trident	RT	40
IGT	Po (Y)	39.5315	20.3299	270	3C-BB	CMG-3EPS/100	HRD24	RT	40

***C. Rrjeti Sizmologjik Ndhmës (Auxilliary Network Stations)***

***Tab. 3 – Rrjeti Sizmologjik Ndhmës (MSO, SKO, AUTH, NAO, INGV)***

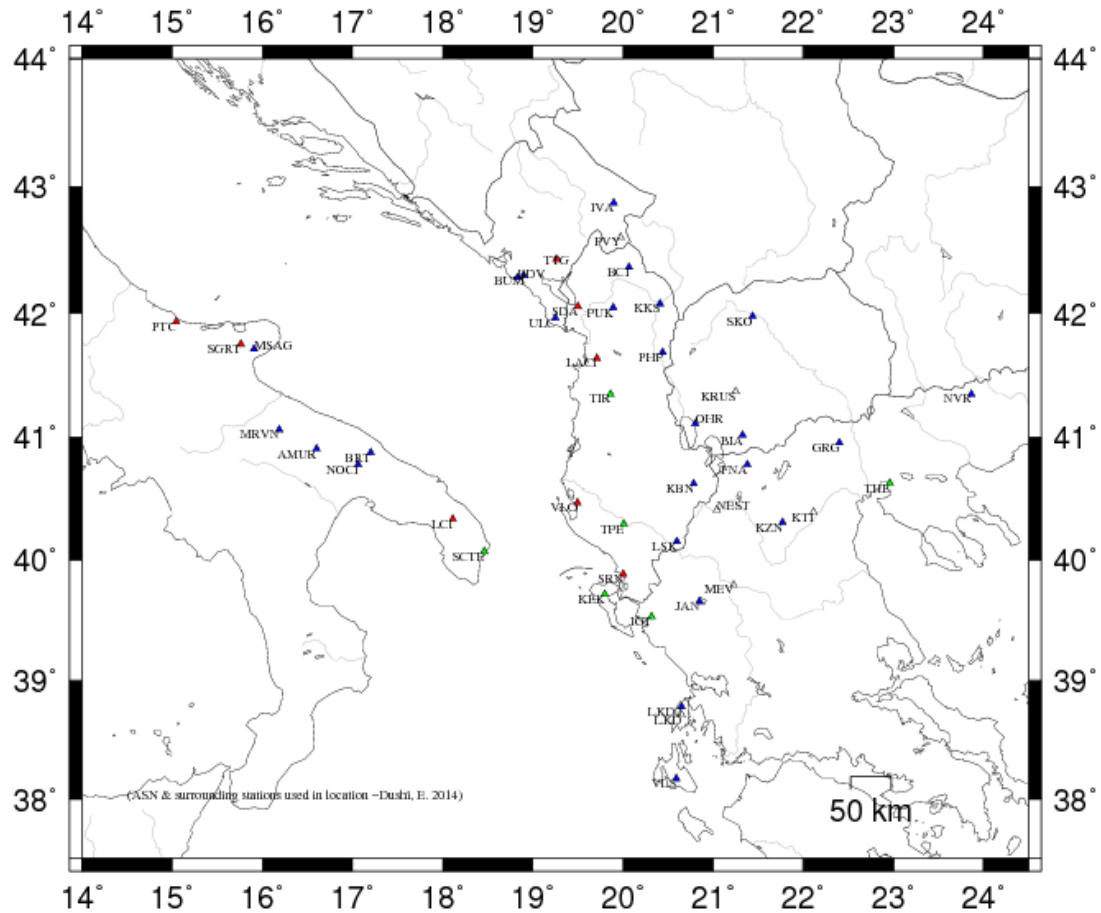
<b>Kodi</b>	<b>Regjistruar (Po/Jo)</b>	<b>Gjer. Gjeo.</b>	<b>Gjat. Gjeo.</b>	<b>Lartesia</b>	<b>Tipi i stacionit</b>	<b>Sensori</b>	<b>Terheqja e Informacionit</b>	<b>Komunikimi</b>	<b>T<sub>0</sub></b>
<b>Station Code</b>	<b>Registered (WDC)</b>	<b>Latitude (degree)</b>	<b>Longitude (degree)</b>	<b>Elev. (m)</b>	<b>Station type</b>	<b>Sensor type</b>	<b>Acquisition system</b>	<b>Communication</b>	<b>Nat.l Period (s)</b>
MEV	Po (Y)	39.7850	21.2290	1500	3C-SP	S-13	Trident	RT	<b>1.0</b>
KTI	Po (Y)	40.39289	22.11650	1329	#	#	#	#	#
GRG	Po (Y)	40.9558	22.4029	600	3C-BB	CMG-3EPS/100	Trident	RT	<b>40</b>
LKD	Po (Y)	38.70722	20.65056	1140	#	#	#	#	#
ULC	Po (Y)	41.9633	19.2497	465	3C-SP	S-13	Smart-24D	RT	<b>1.0</b>
TTG	Po (Y)	42.43020	19.25530	97	#	#	#	#	#
PVY	Po (Y)	42.5950	19.9735	1250	3C-SP	S-13	Smart-24D	RT	<b>1.0</b>
BUM	Po (Y)	42.3008	18.8986	724	3C-SP	S-13	Smart-24D	RT	<b>1.0</b>
BDV	Po (Y)	42.28340	18.82790	385	#	#	#	#	#
IVA	Po (Y)	42.87180	19.89310	996	#	#	#	#	#
KEK	Po (Y)	39.7127	19.7962	227	3C-BB	STS-2	DR24-SC	RT	<b>120</b>
JAN	Po (Y)	39.6561	20.8487	526	3C-BB	CMG-3ESPC/60	DR24-SC	RT	<b>40</b>
KZN	Po (Y)	40.3033	21.7820	791	3C-BB	STS-2	DR24-SC	RT	<b>120</b>
VLS	Po (Y)	38.1768	20.5886	402	3C-BB	Trillium 120	DR24-SC	RT	<b>120</b>
NVR	Po (Y)	41.3484	23.8651	627	3C-BB	CMG-3ESPC/60	DR24-SC	RT	<b>40</b>

<b>Kodi</b>	<b>Regjistruar (Po/Jo)</b>	<b>Gjer. Gjeo.</b>	<b>Gjat. Gjeo.</b>	<b>Lartesia</b>	<b>Tipi i stacionit</b>	<b>Sensori</b>	<b>Terheqja e Informacionit</b>	<b>Komunikimi</b>	<b>T<sub>0</sub></b>
<b>Station Code</b>	<b>Registered (WDC)</b>	<b>Latitude (degree)</b>	<b>Longitude (degree)</b>	<b>Elev. (m)</b>	<b>Station type</b>	<b>Sensor type</b>	<b>Acquisition system</b>	<b>Communication</b>	<b>Nat.l Period (s)</b>
BRT	Po (Y)	40.8778	17.2036	333	#	#	#	#	#
AMUR	Po (Y)	40.9071	16.6041	443	3C-BB	Trillium 40T	Libra VSAT	RT satellite	<b>40</b>
MSAG	Po (Y)	41.712	15.9096	890	3C-BB	Trillium 40T	Libra VSAT	RT satellite	<b>40/120</b>
PTC	Po (Y)	41.7546	15.7437	960	3C-BB	Trillium 40T	Libra VSAT	RT satellite	<b>40</b>
LCI	Po (Y)	40.33461	18.11197	46	#	#	#	#	#
OHR	Po (Y)	41.1114	20.7989	739	#	#	#	#	#
BIA	Po (Y)	41.0194	21.3239	720	#	#	#	#	#
KRUS	Po (Y)	41.3689	21.2488	1015	#	#	#	#	#
SKO	Po (Y)	41.9721	21.4396	346	#	#	#	#	#

***Shënim:***

Rrjeti plotësues (ndihmës) konsiston në stacionet sizmologjike të rajonit, të cilat janë pjesë e Rrjetit Sizmologjik Malazezë (MSO), atij Maqedonas (SKO), të Selanikut (AUTH), Athinës (NAO) dhe Institutit Kombëtar të Gjeofizikës dhe Vullkanologjisë në Romë

(INGV), dhe përdoren për përfshirjen manuale të leximeve të fazave sizmike në procesin e lokalizimit. (#) – është përdorur në rastin kur nuk njihet instrumentimi i stacioneve.



**-Fig. 1-**

Harta e shpërndarjes së stacioneve të rrjetit sizmologjik Shqipëtar (ASN), Universitetit ‘Aristotel’ të Selanikut (THE), Observatorit Kombëtar të Athinës (ATH), INGV, rrjetit sizmologjik Malazez (PDG) dhe atij Maqedonas (SKO).  
[Seismological station distribution map for ASN, THE, ATH, INGV, PDG & SKO]

**Përshkrimi i terminologjisë së përdorur për parametrat e përfshirur**  
(Output parameter’s description)

**I. Informacioni gjithpërfshirës i kreut të ngjarjes (EVENT HEADER INFORMATION)**

YEAR MO DA Data (viti, muaji, data) [Date]  
 ORIGIN Koha (ora, minuta, sekonda) [Origine Time]  
 LAT N Gjerësia gjeografike (gradë, minuta) [latitude in degree and minute]  
 LON W Gjatësia gjeografike (gradë, minuta) [longitude in degree and minutes]  
 DEPTH Thellësia vatrore (km) [hypocenter depth in km]  
 RMS Shmangia kuadratike mesatare për diferencat e peshuara të kohë-udhëtimin, për Fazat Sizmike, [root mean squarre for the weighted travel time residuals]

ERH	Gabimi horizontal në lokalizim (përafërsisht aksi maksimal i elipsit të gabimit në epiqendër), [ <i>horizontal location error, approximately equal to the major epicenter's error ellipse</i> ].
ERZ	Gabimi në thellësi, [ <i>Defined as the largest projections of the three principal errors on a vertical line</i> ].
XMAG	Magnituda primare bazuar në amplitudë [ <i>Primary weighted median amplitude magnitude</i> ].
FMAG	Magnituda primare bazuar në zgjatshmërinë e sinjalit [ <i>Primary weighted median coda magnitude</i> ].
PMAG	Magnituda e përzgjedhur si përfaqësuese, për ngjarjen e lokalizuar [ <i>preferred magnitude selected by PRE command, as representative of available magnitudes ML and Md</i> ].
NSTA	Numuri i stacioneve të përdorur në lokalizim [ <i>the number of stations read for this event</i> ].
NPHS	Numuri i fazave të përdorura [ <i>Number of used phases in location</i> ].
DMIN	Distanca hypoqender-stacioni më i afërt [ <i>distance to the nearest station</i> ].
MODEL	Modeli shpejtësior i përdorur [ <i>velocity crustal model code</i> ].
GAP	Shmangia maksimale, këndore, ndërmjet stacioneve të përdorur [ <i>the largest azimuthal gap between azimuthally adjacent stations</i> ].
ITR	Numri i iteracioneve për zgjidhje [ <i>number of iterations required for the solution</i> ].
NFM	Numri i hyrjeve të para P [ <i>number of P first motions reported</i> ].
NWR	Numri i fazave P & S me peshë statistikore > 0.1 [ <i>number of P &amp; S readings with weights &gt; 0.1</i> ].
NWS	Numri i fazave S me peshë statistikore > 0.1 [ <i>number of S-phases with weights &gt; 0.1</i> ].
NVR	Numri i fazave P & S, të vlefshme për lokalizim [ <i>number of P &amp; S phases valid for location, assigned weights &gt; 0</i> ].
REMARKS	Kodi (3 karaktere) i rajonit (region code), bazuar në lokalizim dhe thellësinë e vlerësuar; kodi (1 karakter) për të karakterizuar ngjarjen: F – e ndjerë (felt), Q/ B – shpërthime sipërfaqësore në karriera (quarry blasts), R/N – shpërthime në thellësi (explosions), T – vibrime (tremors) dhe L – kontraktimet me period të gjatë (long period tidal waves); # - problem me konvergimin e zgjidhjes së përfutur në mënyrë iterative [ <i>convergence problems</i> ], ose zgjidhje e pa pranueshme me RMS të lartë; (-) – tregon se thellësia është fiksuar [ <i>fixed depth solution</i> ]; X – lokalizimi i fiksuar për të rritur performancën në llogaritjen e thellësisë [ <i>fixed location solution</i> ].
AVH	Shënime për statusin [ <i>status remarks</i> ].
N.XMG	Numri i magnitudave bazuar në amplitudë [ <i>number of primary amplitude based magnitudes</i> ].
X.MMAD	Gabimi i bërë në vlerësimin e ML [ <i>weighted median absolute difference for the primary amplitude magnitudes</i> ].
T	Kodi i identifikimit për magnitudën XMAG1 [ <i>label code for XMAG1</i> ].
N.FMAG	Numri i magnitudave, bazuar në zgjatshmërinë e sinjalit [ <i>number of primary coda magnitudes</i> ].
FMMAD	Gabimi i bërë në vlerësimin e Md [ <i>weighted median absolute difference for the primary coda magnitudes</i> ].
T	Kodi i identifikimit për magnitudën FMAG1 [ <i>label code for FMAG1</i> ].

**Shënim:** parametrat XMAG2 dhe FMAG2, së bashku me parametrat e tjerë suksesiv të indeksuar me #####2, paraqesin informacionin për magnitudat dytësore [*secondary magnitude information parameters*].

## **II. Informacioni parametrik i ngjarjes (EVENT PARAMETRIC DATA)**

STA Kodi i stacionit me 5-karaktere (station code, max 5 characters). (\*) –tregon se për këtë

stacion është përdorur një model alternative shpejtësie [*alternative crustal velocity model used for that station*].

NET	Kodi i rrjetit [ <i>the network code</i> ].
COM	komponentja e përdorur [ <i>3 –letters component code</i> ]
C	shkurtimi i kodit të rrjetit (1 karakter) [ <i>abbreviation for the station code</i> ]
R	Shënimi për stacionin [ <i>station remark</i> ]
DIST	Distanca epiqendrore [ <i>epicentral distance</i> ]
AZM	Azimuti stacion-hypoqendër [ <i>station azimuth in degree</i> ]
AN	Këndi i daljes së rezeve valore në sferën vatrore [ <i>emergence angle at the hypocenter</i> ]
P/S	Kodi i fazave të përcaktuara nga leximi në formën valore [ <i>phase code</i> ]
WT	Pesha e vlerësimin të fazave [ <i>weighted code</i> ].
SEC	Koha e vrojtuar për hyrjet valore [ <i>observed arrival time</i> ]
TOBS	Koha e vrojtuar e udhëtimit vatër-stacion për fazën sizmike [ <i>observed travel time</i> ]
TCAL	Koha e llogaritur nga modeli i shpejtësisë për udhëtimin vatër-stacion, të fazës sizmike [ <i>calculated travel time</i> ].
DLY	Vonesa në kohë, karakteristikë për stacionin [ <i>station delay</i> ].
RES	Diferenca në kohë-përhapjen, model-vrojtim. [ <i>Travel time residuals</i> ].
WT	Pesha e normalizuar, përfshirë këtu edhe peshën e caktuar dhënë më sipër [ <i>normalized weight</i> ].
SR	Kodi i burimit (1 karakter), që zakonisht i referohet rrjetit [ <i>1 letter source code</i> ]
R	Shënime lidhur me formën valore (sizmogramën), mbartur nga të dhënat fazore [ <i>Seismogram remark</i> ].
INFO	Informacioni për rëndësinë e kontributit të stacionit apo fazës në zgjidhjen e përgjithshme [ <i>the information of the importance of contribution</i> ].
CAL	Faktori korrigjues që përdoret në llogaritjen e magnitudës [ <i>calibration factor for magnitude calculation</i> ].
DUR	Zgjatshmëria e fazës koda (s) [ <i>coda duration i sec</i> ]
W	Kodi i peshimit 0-4 për magnitudën bazuar në zgjatshmërinë e sinjalit, Md, [ <i>duration magnitude weight code</i> ].
FMAG	Magnituda Md, për stacionin [ <i>duration magnitude for that station</i> ].
T	Kodi për llojin e magnitudës [ <i>the magnitude type code assigned by FC1 &amp; FC2 commands</i> ].
AMP	amplituda maksimale (pik-pik) [ <i>peak to peak maximum amplitude</i> ]
U	Kodi për njësinë e përdorur për amplitudën M – mm, C – counts, etj. [ <i>amplitude units code</i> ]
PER	Perioda (s), ku është matur $A_{max}$ , [ <i>max amplitude corresponding period in sec.</i> ].
W	Kodi i peshimit 0-9, për magnitudën, bazuar ne amplitude, [ <i>amplitude based magnitude weight code</i> ].
XMAG	Magnituda bazuar në amplitude, për stacionin, [ <i>amplitude magnitude for that station</i> ].
T	Kodi për llojin e magnitudës [ <i>the magnitude type code assigned by XC1 &amp; XC2 commands</i> ].

**Tërmetet Lokalë** (*Parametric Data for Albanian local Events*)

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-01 0844 59.27 40 59.46 20E31.34 0.35 0.20 0.38 1.05 3.32 3.29 3.3

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X SOURCE  
 23 33 46.5 Atl 112 9 0 18 9 21 7.00 0.24 L 3.00 0.02 D

1 JUN 2017, 8:44 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.05 61 88>-< 0.38 245 1>-< 0.31 155 0>

REGION= 9 Km J-P të Prrenjasit, Rajoni Elbasanit ( 9 Km S-W of Prrenjasi, Elbasani Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
KBN	AC	HHZ		46.5	151	51	P		68.75	9.48	9.21	0.00	0.27	1.11		0.196	1.00	38	3.29 D
KBN	AC	HHN		46.5	151	51		6	60.00	0.73	9.21	0.00		0.00		0.000	1.00		27 .34 3.56 L
							S		75.27	16.00	16.12	0.00	-0.12	1.11S		0.279			
TIR	AC	HHZ		67.9	306	51	P		71.94	12.67	12.88	0.00	-0.21	1.11		0.179	1.00	39	3.32 D
TIR	AC	HHE		67.9	306	51		6	60.00	0.73	12.88	0.00		0.00		0.000	1.00		2.5 .23 2.82 L
							S		82.10	22.83	22.54	0.00	0.29	1.10S		0.241			
FNA	AC	HHZ		76.2	107	51	P		73.60	14.33	14.31	0.00	0.02	1.11		0.250			
FNA	AC	HHN		76.2	107	51	S		83.98	24.71	25.04	0.00	-0.33	1.07S		0.388			
PHP	AC	HHZ		77.3	355	51	P		73.86	14.59	14.50	0.00	0.09	1.11		0.220	1.00	37	3.27 D
PHP	AC	HHN		77.3	355	51		6	60.00	0.73	14.50	0.00		0.00		0.000	1.00		6.3 .75 3.32 L
							S		84.72	25.45	25.38	0.00	0.08	1.11S		0.340			
BPA1	AC	HHZ		78.9	249	51	P		74.04	14.77	14.77	0.00	0.00	1.11		0.171			
BPA1	AC	HHN		78.9	249	51	S		84.93	25.66	25.85	0.00	-0.19	1.11S		0.237			
BPA2	AC	HHZ		81.5	250	51	P		74.32	15.05	15.22	0.00	-0.17	1.11		0.171			
BPA2	AC	HHN		81.5	250	51	S		85.79	26.52	26.63	0.00	-0.11	1.11S		0.237			
LSK	AC	HHZ		93.6	176	51	P		75.66	16.39	17.30	0.00	-0.41	0.00		0.000			
LSK	AC	HHE		93.6	176	51		6	60.00	0.73	17.30	0.00		0.00		0.000	1.00		10 .72 3.65 L
							S		88.83	29.56	30.27	0.00	-0.72*	0.04S		0.000			
SRN	AC	HHZ		131.1	200	51	P		82.20	22.93	23.73	0.00	-0.80*	0.00		0.000			
SRN	AC	HHN		131.1	200	51		6	60.00	0.73	23.73	0.00		0.00		0.000	1.00		1.5 .68 3.10 L
							S		100.89	41.62	41.53	0.00	0.09	1.11S		0.223			
BCI	AC	HHZ		157.4	347	46	P		88.04	28.77	28.19	0.00	0.58*	0.33		0.015			
BCI	AC	HHE		157.4	347	46	S		108.56	49.29	49.33	0.00	-0.04	1.11S		0.355			
BCI	AC	HHN		157.4	347	46		6	60.00	0.73	28.19	0.00		0.00		0.000	1.00		2.6 .77 3.51 L
IGT	AC	HHZ		162.9	186	46	P		88.74	29.47	29.07	0.00	0.40	0.94		0.096			
IGT	AC	HHN		162.9	186	46	S		110.39	51.12	50.87	0.00	0.25	1.11S		0.263			
SCTE	AC	HHZ		201.4	241	46	P		94.21	34.94	35.21	0.00	-0.27	1.11		0.130			



SCTE AC HHN 201.4 241 46 6 120.00 60.73 35.21 0.00 0.00 0.000 1.00 0.52 .36 3.08 L

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-06-02 1153 34.46 40 9.04 19E56.43 0.01 0.59 1.02 2.42 2.47 2.67 2.5

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
22 30 30.5 At1 97 6 0 19 8 19 # 3.00 0.02 L 1.00 0.00 D

1 2 JUN 2017, 11:53 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 2.43 219 83>-< 1.02 74 5>-< 0.82 343 3>

REGION= Zhulat, Rajoni Gjirokaster (Zhulat, Gjirokaster Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
SRN	AC	HHZ		30.5	170	61	P		40.13	5.67	6.32	0.00	-0.65*	1.10		0.246	1.00	20		2.67	D	
SRN	AC	HHN		30.5	170	61	S		44.55	10.09	11.06	0.00	-0.97*	0.83S		0.224						
SRN	AC	HHE		30.5	170	61		6	0.00	-34.46	6.32	0.00		0.00		0.000	1.00		3.3	.28	2.47	L
VLO	AC	HHZ		51.8	314	51	P		45.43	10.97	10.15	0.00	0.82*	1.02		0.140						
LSK	AC	HHZ		56.1	89	51	P		44.89	10.43	10.90	0.00	-0.47	1.10		0.177						
LSK	AC	HHN		56.1	89	51	S		54.48	20.02	19.07	0.00	0.95*	0.87S		0.228						
LSK	AC	HHE		56.1	89	51		6	60.00	25.54	10.90	0.00		0.00		0.000	1.00		1.6	.43	2.45	L
BPA1	AC	HHZ		68.0	340	51	P		47.47	13.01	12.94	0.00	0.07	1.10		0.145						
BPA2	AC	HHZ		69.9	338	51	P		48.06	13.60	13.27	0.00	0.33	1.10		0.146						
IGT	AC	HHZ		76.4	154	51	P		49.16	14.70	14.39	0.00	0.31	1.10		0.168						
IGT	AC	HHN		76.4	154	51	S		59.77	25.31	25.18	0.00	0.13	1.10S		0.420						
SCTE	AC	HHZ		125.7	267	51	P		57.99	23.53	22.87	0.00	0.66*	1.10		0.206						
SCTE	AC	HHE		125.7	267	51	S		74.98	40.52	40.02	0.00	0.50	1.10S		0.551						
TIR	AC	HHZ		133.1	358	51	P		58.05	23.59	24.13	0.00	-0.54*	1.10		0.144						
TIR	AC	HHE		133.1	358	51	S		75.33	40.87	42.23	0.00	-1.36*	0.23S		0.010						
FNA	AC	HHZ		141.0	59	51	P		59.73	25.27	25.49	0.00	-0.22	1.10		0.173						
FNA	AC	HHN		141.0	59	51	S		80.06	45.60	44.61	0.00	0.99*	0.80S		0.171						
PHP	AC	HHZ		175.5	13	46	P		66.45	31.99	31.13	0.00	0.86*	0.98		0.092						
PHP	AC	HHN		175.5	13	46	S		88.27	53.81	54.48	0.00	-0.67*	1.10S		0.279						
BCI	AC	HHZ		246.3	2	37	P		75.51	41.05	41.84	0.00	-0.79*	1.05		0.072						
BCI	AC	HHE		246.3	2	37	S		107.74	73.28	73.22	0.00	0.06	1.10S		0.397						
BCI	AC	HHN		246.3	2	37		6	60.00	25.54	41.84	0.00		0.00		0.000	1.00		0.21	.56	2.91	L

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-06-02 2354 22.26 41 48.84 20E21.59 6.71 0.29 1.74 3.16 2.72 3.12 2.7

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X

12 18 15.9 At1 175 21 0 10 4 12 # 3.00 0.18 L 2.00 0.06 D

1 2 JUN 2017, 23:54 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 3.17 320 84>-< 1.75 76 2>-< 0.76 166 4>

REGION= Palaman, 16 Km V të Peshkopisë, Rajoni Peshkopisë (Palaman, 16 Km N of Peshkopi, Peshkopi Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
PHP	AC	HHZ		15.9	154	96	P		25.46	3.20	3.36	0.00	-0.16	1.20		0.401	1.00	30		3.06	D	
PHP	AC	HHN		15.9	154	96		6	0.00	-22.26	3.36	0.00		0.00		0.000	1.00			34	.14	3.32 L
							S		26.63	4.37	5.88	0.00	-0.11	0.06S		0.002						
BCI	AC	HHZ		66.0	339	90	P		34.54	12.28	11.96	0.00	0.32	1.20		0.348						
BCI	AC	HHN		66.0	339	90		6	0.00	-22.26	11.96	0.00		0.00		0.000	1.00			2.1	.41	2.72 L
							S		42.51	20.25	20.93	0.00	-0.18	1.18S		0.592						
TIR	AC	HHZ		66.2	219	90	P		34.85	12.59	12.01	0.00	0.28	1.20		0.262	1.00	33		3.17	D	
TIR	AC	HHN		66.2	219	90		6	0.00	-22.26	12.01	0.00		0.00		0.000	1.00			1.4	.81	2.54 L
							S		42.63	20.37	21.02	0.00	-0.25	1.19S		0.758						
KBN	AC	HHZ		137.0	164	90	P		46.26	24.00	24.16	0.00	-0.16	1.20		0.232						
KBN	AC	HHN		137.0	164	90		S	63.76	41.50	42.28	0.00	-0.28	1.11S		0.347						
LSK	AC	HHZ		185.9	173	68	P		54.48	32.22	32.00	0.00	0.22	1.20		0.188						
LSK	AC	HHN		185.9	173	68		S	78.68	56.42	56.00	0.00	0.42	1.20S		0.490						
SRN	AC	HHZ		216.9	189	55	P		58.72	36.46	36.90	0.00	-0.44	1.20		0.369						
SRN	AC	HHN		216.9	189	55		S	85.35	63.09	64.57	0.00	-0.49	0.08S		0.005						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-06-05 2143 35.74 40 38.84 19E46.13 6.02 0.04 0.47 13.54 1.84 2.68 1.9

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T SOURCE  
13 19 12.7 At1 140 9 0 11 5 13 - 2.00 0.03 L 4.00 0.09 D L F X

1 5 JUN 2017, 21:43 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 13.54 0 90>-< 0.47 248 0>-< 0.21 338 0>

REGION= 4 Km V-L të Balleshit, Rajoni Balleshit( 4 Km N-E of Balleshi, Balleshi Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
BPA1	AC	HHZ		12.7	312	90	P		38.97	3.23	2.82	0.00	0.01	0.01		0.110	1.00	19		2.62	D	
BPA1	AC	HHN		12.7	312	90		S	40.61	4.87	4.93	0.00	-0.06	1.19S		0.568						
BPA2	AC	HHZ		15.7	306	90	P		39.16	3.42	3.32	0.00	0.10	1.19		0.328	1.00	23		2.80	D	
BPA2	AC	HHN		15.7	306	90		S	40.90	5.16	5.81	0.00	-0.05	0.00S		0.000						
TIR	AC	HHZ		78.2	5	90	P		49.81	14.07	14.06	0.00	0.01	1.19		0.232						
TIR	AC	HHN		78.2	5	90		S	60.32	24.58	24.60	0.00	-0.02	1.19S		0.488						
KBN	AC	HHZ		86.2	91	90	P		51.18	15.44	15.44	0.00	0.00	1.19		0.419	1.00	14		2.34	D	

KBN	AC	HHN	86.2	91	90	6	60.00	24.26	15.44	0.00	0.00	0.000	1.00			0.19	.43	1.87	L
						S	62.40	26.66	27.02	0.00	-0.06	0.11S	0.009						
SRN	AC	HHZ	87.4	166	90	P	51.48	15.74	15.65	0.00	0.09	1.19	0.176	1.00	21	2.73	D		
SRN	AC	HHN	87.4	166	90	6	60.00	24.26	15.65	0.00	0.00	0.000	1.00			0.16	.46	1.81	L
						S	63.02	27.28	27.39	0.00	-0.11	1.19S	0.319						
LSK	AC	HHZ	89.5	127	90	P	51.79	16.05	16.01	0.00	0.04	1.19	0.894						
IGT	AC	HHZ	132.8	158	90	P	59.16	23.42	23.45	0.00	-0.03	1.19	0.163						
IGT	AC	HHN	132.8	158	90	S	76.81	41.07	41.04	0.00	0.03	1.19S	0.288						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017-06-08	0926	54.03	40 52.33	19E43.26	22.64	0.15	0.61	17.88	1.34	2.88	2.8	

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
13	19	17.4	Atl	163	10	0	11	5	13	-	2.00	0.08 L	5.00 0.45 D

1 8 JUN 2017, 9:26 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 17.88 0 90>-< 0.61 286 0>-< 0.33 15 0>

REGION= V-L të Bubullimes, Rajoni Lushnjes ( N-E of Bubullime, Lushnje Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
BPA1	AC	HHZ		17.4	199	90	P	58.36	4.33	4.35	0.00	-0.02	1.18			0.136	1.00	6	1.70 D
BPA1	AC	HHN		17.4	199	90	S	61.63	7.60	7.61	0.00	-0.01	1.18S			0.234			
BPA2	AC	HHZ		18.0	209	90	P	58.53	4.50	4.43	0.00	0.07	1.18			0.173	1.00	6	1.70 D
BPA2	AC	HHN		18.0	209	90	S	61.62	7.59	7.75	0.00	-0.16	1.18S			0.314			
VLO	AC	HHZ		48.7	204	90	P	63.66	9.63	9.33	0.00	0.30	1.18			0.153			
TIR	AC	HHZ		54.2	12	90	P	65.20	11.17	10.21	0.00	0.96*	0.01		0.999	1.00	20	2.88 D	
TIR	AC	HHN		54.2	12	90	6	60.00	5.97	10.21	0.00	0.00	0.00		0.000	1.00		0.10 .43 1.26 L	
							S	71.96	17.93	17.87	0.00	0.06	1.18S			0.625			
PHP	AC	HHZ		108.5	33	90	P	72.72	18.69	18.88	0.00	-0.19	1.18			0.322	1.00	28	3.20 D
PHP	AC	HHN		108.5	33	90	S	88.65	34.62	33.04	0.00	1.58*	0.00S			0.000			
LSK	AC	HHZ		109.4	136	90	P	72.95	18.92	19.01	0.00	-0.09	1.18			0.211	1.00	32	3.33 D
LSK	AC	HHE		109.4	136	90	S	87.47	33.44	33.27	0.00	0.17	1.18S			0.562			
SRN	AC	HHZ		112.7	167	90	P	72.76	18.73	19.54	0.00	-0.81*	0.21			0.003			
SRN	AC	HHN		112.7	167	90	6	60.00	5.97	19.54	0.00	0.00	0.00			0.000	1.00		0.04 .51 1.41 L
							S	88.10	34.07	34.19	0.00	-0.13	1.18S			0.263			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017-06-10	1852	41.93	40 34.90	20E 2.53	4.00	0.54	1.28	0.67	2.36	2.40	2.4	

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X

11 16 36.2 At1 142 6 0 10 5 10 # 2.00 0.10 L 4.00 0.04 D

10 JUN 2017, 18:52 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 3.72 323 80>-< 1.29 192 6>-< 0.87 102 6>

REGION= Polican, Rajoni Beratit (Polican, Berati Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP-PER-W-XMAG-T
BPA1	AC	HHZ		36.2	296	61	P		48.96	7.03	7.43	0.00	-0.40	1.14		0.459	1.00	14	2.33	D
BPA1	AC	HHN		36.2	296	61	S		55.75	13.82	13.00	0.00	0.82*	1.04S		0.745				
BPA1	AC	HHE		36.2	296	61		6	0.00	-41.93	7.43	0.00		0.00		0.000	1.00		3450	.11 5.56 L
KBN	AC	HHZ		63.2	85	51	P		54.51	12.58	12.13	0.00	0.45	1.14		0.278	1.00	15	2.40	D
KBN	AC	HHE		63.2	85	51		6	60.00	18.07	12.13	0.00		0.00		0.000	1.00		1022	.11 5.36 L
							S		63.15	21.22	21.23	0.00	-0.01	1.14S		0.412				
LSK	AC	HHZ		67.3	135	51	P		54.25	12.32	12.83	0.00	-0.51*	1.14		0.372	1.00	15	2.40	D
LSK	AC	HHE		67.3	135	51	S		65.41	23.48	22.45	0.00	0.03*	0.73S		0.174				
SRN	AC	HHZ		78.0	183	51	P		55.30	13.37	14.66	0.00	-0.29*	0.28		0.027	1.00	17	2.52	D
SRN	AC	HHN		78.0	183	51	S		68.07	26.14	25.65	0.00	0.49	1.14S		0.785				
FNA	AC	HHN		115.6	78	51	S		79.09	37.16	36.96	0.00	0.20	1.14S		0.470				
FNA	AC	HHZ		115.6	78	51	P		62.36	20.43	21.12	0.00	-0.69*	1.12		0.272				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-06-12 1008 28.51 40 54.27 20E48.89 2.17 0.27 0.64 1.57 2.95 3.22 3.0

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
16 23 49.9 At1 124 9 0 14 7 16 5.00 0.22 L 4.00 0.05 D

12 JUN 2017, 10:08 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 1.57 93 87>-< 0.64 256 2>-< 0.42 347 0>

REGION= 14 Km L të Pogradecit, Rajoni Pogradecit (14 Km E of Pogradecit, Pogradeci Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP-PER-W-XMAG-T
FNA	AC	HHZ		49.9	105	51	P		38.73	10.22	9.81	0.00	0.41	1.01		0.330				
FNA	AC	HHN		49.9	105	51	S		45.41	16.90	17.17	0.00	-0.27	1.05S		0.675				
LSK	AC	HHZ		85.8	193	51	P		44.27	15.76	15.98	0.00	-0.22	1.05		0.216	1.00	36	3.24	D
LSK	AC	HHE		85.8	193	51		6	0.00	-28.51	15.98	0.00		0.00		0.000	1.00		3.8	.46 3.17 L
							S		56.82	28.31	27.97	0.00	0.34	1.05S		0.281				
PHP	AC	HHZ		92.1	341	51	P		45.38	16.87	17.07	0.00	-0.20	1.05		0.262	1.00	34	3.19	D
PHP	AC	HHN		92.1	341	51		6	0.00	-28.51	17.07	0.00		0.00		0.000	1.00		2.0	.47 2.95 L
							S		58.44	29.93	29.87	0.00	0.06	1.05S		0.323				
TIR	AC	HHZ		93.7	302	51	P		46.08	17.57	17.34	0.00	0.23	1.05		0.254	1.00	38	3.29	D
TIR	AC	HHE		93.7	302	51		6	0.00	-28.51	17.34	0.00		0.00		0.000	1.00		1.2	.89 2.72 L



18 JUN 2017, 11:03 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.61 291 84>-< 0.49 90 4>-< 0.42 181 1>

REGION= 10 Km J-P të Beratit, Rajoni Beratit (10 Km S-W of Berati, Berati Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
BPA1	AC	HHZ		23.3	296	61	P		7.58	5.02	4.93	0.00	0.09	1.10		0.315	1.00	11	2.09			
BPA1	AC	HHN		23.3	296	61	S		10.78	8.22	8.63	0.00	-0.41	1.07S		0.355						
VLO	AC	HHZ		39.3	243	51	P		10.54	7.98	8.01	0.00	-0.03	1.10		0.210	1.00	15	2.40			
VLO	AC	HHN		39.3	243	51		6	0.00	-2.56	8.01	0.00		0.00		0.000	1.00			2.4	.18	2.43 L
							S		16.86	14.30	14.02	0.00	0.28	1.10S		0.454						
TIR	AC	HHZ		79.3	358	51	P		17.26	14.70	14.89	0.00	-0.19	1.10		0.202	1.00	17	2.52			
TIR	AC	HHE		79.3	358	51		6	0.00	-2.56	14.89	0.00		0.00		0.000	1.00			0.12	.25	1.61 L
							S		28.80	26.24	26.06	0.00	0.18	1.10S		0.373						
SRN	AC	HHZ		84.1	174	51	P		17.95	15.39	15.71	0.00	-0.32	1.10		0.264	1.00	18	2.57			
SRN	AC	HHE		84.1	174	51	S		29.79	27.23	27.49	0.00	-0.26	1.10S		0.341						
SRN	AC	HHN		84.1	174	51		6	0.00	-2.56	15.71	0.00		0.00		0.000	1.00			0.15	.30	1.75 L
PHP	AC	HHZ		125.0	20	51	P		24.74	22.18	22.74	0.00	-0.36	0.81		0.121	1.00	25	2.89			
PHP	AC	HHE		125.0	20	51		6	0.00	-2.56	22.74	0.00		0.00		0.000	1.00			0.06	.54	1.66 L
							S		42.60	40.04	39.79	0.00	0.24	1.10S		0.358						
FNA	AC	HHZ		126.0	82	51	P		25.91	23.35	22.90	0.00	0.45	1.03		0.269						
FNA	AC	HHN		126.0	82	51	S		42.38	39.82	40.08	0.00	-0.26	1.10S		0.390						
IGT	AC	HHZ		127.6	163	51	P		27.10	24.54	23.19	0.00	0.35	0.00		0.000						
IGT	AC	HHN		127.6	163	51	S		43.22	40.66	40.58	0.00	0.08	1.10S		0.342						
SCTE	AC	HHZ		136.8	244	51	P		28.23	25.67	24.77	0.00	0.90*	0.04		0.000						
SCTE	AC	HHN		136.8	244	51		6	0.00	-2.56	24.77	0.00		0.00		0.000	1.00			0.08	.31	1.87 L

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-19 0353 33.10 41 5.89 20E 0.50 13.17 0.17 0.43 4.18 1.40 2.47 1.4

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 11 16 30.2 Atl 121 9 0 9 5 10 - 3.00 0.21 L 3.00 0.00 D SOURCE

19 JUN 2017, 3:53 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 19.18 0 90>-< 0.43 278 0>-< 0.31 7 0>

REGION= Bradashesh, Rajoni Elbasanit (Bradashesh, Elbasani Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
TIR	AC	HHZ		30.2	337	90	P		39.14	6.04	5.82	0.00	0.22	1.24		0.708	1.00	15	2.40			
TIR	AC	HHE		30.2	337	90		6	0.00	-33.10	5.82	0.00		0.00		0.010	1.00			0.27	.15	1.40 L
							S		43.36	10.26	10.18	0.00	0.08	1.24S		0.926						
BPA1	AC	HHZ		51.1	216	90	P		42.21	9.11	9.42	0.00	-0.31	1.16		0.212	1.00	16	2.47			

BPA1	AC	HHE	51.1	216	90	S	49.49	16.39	16.49	0.00	-0.10	1.24S	0.456								
PHP	AC	HHZ	74.5	28	90	P	45.87	12.77	13.43	0.00	-0.66*	0.01	0.040	1.00	16	2.47	D				
PHP	AC	HHN	74.5	28	90		6	0.00	-33.10	13.43	0.00	0.00	0.000	1.00				0.13	.15	1.61	L
						S		56.37	23.27	23.50	0.00	-0.23	1.24S	0.442							
PHP	AC	HHE	74.5	28	90		6	0.00	-33.10	13.43	0.00	0.00	0.000	1.00				0.03	.14	0.97	L
FNA	AC	HHN	121.0	106	90	P	54.62	21.52	21.43	0.00	0.09	1.24	0.252								
FNA	AC	HHE	121.0	106	90	S	70.60	37.50	37.50	0.00	0.00	1.24S	0.569								
SRN	AC	HHZ	135.3	181	90	P	57.52	24.42	23.87	0.00	0.55*	0.19	0.004								
SRN	AC	HHN	135.3	181	90	S	75.03	41.93	41.77	0.00	0.16	1.24S	0.376								

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	06	21	2319	8.13	41 30.65	20E15.41	7.06	0.05	0.57	11.28	1.25	2.15	1.6

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X		
	7	10	24.7	At1	156	6	0	6	3	6	-	2.00	0.37	L	2.00	0.05	D

21 JUN 2017, 23:19 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 11.30 340 87>-< 0.47 149 2>-< 0.33 239 0>

REGION= 4 Km L të Bulqizës, Rajoni Bulqizës (4 Km E of Bulqiza, Bulqiza Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
PHP	AC	HHZ		24.7	38	94	P	12.96	4.83	4.87	0.00	-0.04	1.00	0.498	1.00	11	2.10	D				
PHP	AC	HHE		24.7	38	94	S	16.67	8.54	8.52	0.00	0.02	1.00S	0.836								
PHP	AC	HHN		24.7	38	94		6	0.00	-8.13	4.87	0.00	0.00	0.000	1.00				0.51	.10	1.62	L
TIR	AC	HHE		37.4	242	92		6	0.00	-8.13	7.07	0.00	0.00	0.000	1.00				0.07	.20	0.88	L
							S		20.49	12.36	12.37	0.00	-0.01	1.00S	0.836							
TIR	AC	HHZ		37.4	242	92	P	15.18	7.05	7.07	0.00	-0.02	1.00	0.498	1.00	12	2.19	D				
FNA	AC	HHE		124.5	130	90	S	46.62	38.49	38.53	0.00	-0.05	1.00S	0.837								
FNA	AC	HHN		124.5	130	90	P	30.25	22.12	22.02	0.00	0.10	0.99	0.491								

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	06	22	0010	24.13	41 13.58	20E12.01	5.92	0.23	0.59	2.18	1.78	2.27	1.8

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
	13	19	31.1	At1	109	15	0	12	6	12	5.00	0.16	L	3.00	0.09	D

22 JUN 2017, 0:10 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.19 44 86>-< 0.59 253 3>-< 0.37 163 1>

REGION= Kuturman. 16 Km V-L të Elbasanit, Rajoni Elbasanit (Kuturman, 16 Km N-E of Elbasani, Elbasani Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
TIR	AC	HHZ		31.1	296	62	P		29.68	5.55	5.99	0.00	-0.44	0.77		0.204	1.00	12	2.18 D
TIR	AC	HHN		31.1	296	62	S		34.32	10.19	10.48	0.00	-0.29	1.14S		0.571			
TIR	AC	HHE		31.1	296	62		6	0.00-24.13	5.99	0.00			0.00		0.000	1.00		0.63 .28 1.78 L
PHP	AC	HHZ		54.7	21	62	P		34.18	10.05	10.04	0.00	0.01	1.15		0.267	1.00	13	2.27 D
PHP	AC	HHE		54.7	21	62		6	0.00-24.13	10.04	0.00			0.00		0.000	1.00		0.11 .28 1.27 L
							S		41.84	17.71	17.57	0.00	0.14	1.15S		0.485			
KBN	AC	HHZ		83.2	143	62	P		38.43	14.30	14.93	0.00	-0.43	0.12		0.003	1.00	18	2.58 D
KBN	AC	HHN		83.2	143	62		6	0.00-24.13	14.93	0.00			0.00		0.000	1.00		0.21 .63 1.89 L
							S		49.98	25.85	26.13	0.00	-0.28	1.15S		0.376			
FNA	AC	HHN		111.1	115	62	P		43.78	19.65	19.73	0.00	-0.08	1.15		0.345			
FNA	AC	HHE		111.1	115	62	S		58.22	34.09	34.53	0.00	-0.44	0.78S		0.236			
BCI	AC	HHN		127.1	356	62	P		46.81	22.68	22.48	0.00	0.20	1.15		0.266			
BCI	AC	HHE		127.1	356	62		6	60.00	35.87	22.48	0.00		0.00		0.000	1.00		0.11 .43 1.94 L
							S		63.33	39.20	39.34	0.00	-0.14	1.15S		0.384			
SRN	AC	HHZ		150.5	187	55	P		50.74	26.61	26.40	0.00	0.21	1.15		0.300			
SRN	AC	HHE		150.5	187	55		6	60.00	35.87	26.40	0.00		0.00		0.000	1.00		0.02 .37 1.35 L
							S		70.60	46.47	46.20	0.00	0.27	1.15S		0.556			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG

2017-06-26 2223 22.91 40 30.36 20E 0.96 1.00 0.11 0.61 2.14 2.19 3.00 2.2

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X

11 15 38.9 At1 125 6 0 9 2 11 # 2.00 0.04 L 4.00 0.06 D

26 JUN 2017, 22:23 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 2.18 352 78>-< 0.61 240 4>-< 0.37 149 10>

REGION= 22 Km J të Beratit, Rajoni Beratit (22 Km S of Berati, Berati Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
BPA1	AC	HHZ		38.9	309	51	P		30.96	8.05	7.94	0.00	0.11	1.29		0.348	1.00	26	2.93 D
BPA1	AC	HHN		38.9	309	51	S		37.61	14.70	13.90	0.00	0.41	0.07S		0.007			
BPA2	AC	HHZ		41.8	307	51	P		31.42	8.51	8.45	0.00	0.06	1.29		0.351	1.00	27	2.96 D
BPA2	AC	HHN		41.8	307	51	S		36.90	13.99	14.79	0.00	-0.40	0.08S		0.009			
LSK	AC	HHZ		63.4	128	51	P		35.11	12.20	12.15	0.00	0.05	1.29		0.428	1.00	32	3.13 D
LSK	AC	HHN		63.4	128	51		6	0.00-22.91	12.15	0.00			0.00		0.000	1.00		0.76 .54 2.23 L
							S		44.16	21.25	21.26	0.00	-0.01	1.29S		0.706			
KBN	AC	HHZ		66.6	78	51	P		35.91	13.00	12.71	0.00	0.29	1.29		0.420			
SRN	AC	HHZ		69.5	182	51	P		35.83	12.92	13.20	0.00	-0.28	1.29		0.583	1.00	29	3.03 D



SRN	AC	HHN	69.5	182	51	6	0.00-22.91	13.20	0.00	0.00	0.000	1.00	0.51	.56	2.15	L
						S	46.07	23.16	23.10	0.00	0.06	1.29S	0.705			
TIR	AC	HHZ	94.3	353	51	P	40.57	17.66	17.47	0.00	0.19	1.29	0.364			
PHP	AC	HHZ	135.7	15	51	P	46.86	23.95	24.57	0.00	-0.42	0.55	0.072			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	06	28	1700	51.89	40 37.78	19E46.77	1.02	0.25	0.40	1.08	2.80	3.03	2.8

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
24	34	14.7	At1	76	9	0	20	10	22	#	8.00	0.17	L	6.00	0.09	D

28 JUN 2017, 17:00 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.11 292 76>-< 0.40 45 5>-< 0.29 137 12>

REGION= 5 Km V-L të Ballshit, Rajoni Ballshit (5 Km N-E of Ballshi, Ballshi Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
BPA1	AC	HHZ		14.7	315	90	P		55.58	3.69	3.23	0.00	0.46	0.94		0.248	1.00	27	2.95	D		
BPA1	AC	HHN		14.7	315	90	S		57.45	5.56	5.65	0.00	-0.09	1.10S		0.366						
BPA2	AC	HHZ		17.6	310	61	P		55.98	4.09	3.82	0.00	0.27	1.10		0.116	1.00	31	3.09	D		
BPA2	AC	HHN		17.6	310	61	S		58.46	6.57	6.68	0.00	-0.12	1.10S		0.381						
VLO	AC	HHZ		30.0	234	61	P		57.94	6.05	6.22	0.00	-0.17	1.10		0.181	1.00	22	2.76	D		
VLO	AC	HHE		30.0	234	61		6	60.00	8.11	6.22	0.00		0.00		0.000	1.00		134	.20	4.08	L
							S		62.75	10.86	10.88	0.00	-0.02	1.10S		0.424						
TIR	AC	HHZ		80.1	5	51	P		67.01	15.12	15.01	0.00	0.11	1.10		0.105	1.00	27	2.96	D		
TIR	AC	HHE		80.1	5	51		6	60.00	8.11	15.01	0.00		0.00		0.000	1.00		0.71	.30	2.39	L
							S		78.46	26.57	26.27	0.00	0.30	1.10S		0.400						
KBN	AC	HHZ		85.3	90	51	P		67.92	16.03	15.91	0.00	0.12	1.10		0.153						
KBN	AC	HHN		85.3	90	51		6	60.00	8.11	15.91	0.00		0.00		0.000	1.00		1.1	.63	2.62	L
							S		79.79	27.90	27.84	0.00	0.06	1.10S		0.215						
SRN	AC	HHZ		85.3	167	51	P		68.02	16.13	15.92	0.00	0.21	1.10		0.141						
SRN	AC	HHE		85.3	167	51		6	60.00	8.11	15.92	0.00		0.00		0.000	1.00		1.1	.37	2.64	L
							S		79.80	27.91	27.86	0.00	0.05	1.10S		0.239						
LSK	AC	HHZ		87.6	127	51	P		68.18	16.29	16.31	0.00	-0.02	1.10		0.149	1.00	37	3.27	D		
LSK	AC	HHE		87.6	127	51		6	60.00	8.11	16.31	0.00		0.00		0.000	1.00		1.6	.74	2.82	L
							S		80.40	28.51	28.54	0.00	-0.03	1.10S		0.176						
SCTE	AC	HHZ		127.1	242	51	P		73.96	22.07	23.10	0.00	-1.03*	0.00		0.000						
SCTE	AC	HHE		127.1	242	51		6	60.00	8.11	23.10	0.00		0.00		0.000	1.00		0.86	.23	2.83	L
PHP	AC	HHZ		129.6	25	51	P		74.99	23.10	23.53	0.00	-0.43	0.99		0.095	1.00	32	3.13	D		
PHP	AC	HHN		129.6	25	51		6	60.00	8.11	23.53	0.00		0.00		0.000	1.00		0.72	.98	2.77	L
							S		93.62	41.73	41.18	0.00	0.45	0.68S		0.134						
IGT	AC	HHZ		130.7	158	51	P		76.54	24.65	23.71	0.00	0.94*	0.00		0.000						
IGT	AC	HHE		130.7	158	51		S	93.58	41.69	41.49	0.00	0.20	1.10S		0.213						



BCI AC HHN 194.5 8 68 6 60.00 8.81 32.90 0.00 0.00 0.000 1.00 0.35 .93 2.87 L

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-30 0343 53.13 40 13.23 19E39.37 7.18 0.15 2.41 30.95 2.07 2.91 2.1

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 7 10 47.9 At1 282 17 0 6 3 7 - 2.00 0.17 L 2.00 0.14 D

30 JUN 2017, 3:43 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 30.96 152 88>-< 2.41 96 0>-< 1.37 6 1>

REGION= Dhermi, Rajoni Vlores (Dhermi, Vlora Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
SRN	AC	HHZ		47.9	142	91	P		61.91	8.78	8.86	0.00	-0.08	1.13		0.535	1.00	22	2.77 D
SRN	AC	HHN		47.9	142	91		6	60.00	6.87	8.86	0.00		0.00		0.000	1.00		0.57 .50 1.90 L
							S		68.41	15.28	15.50	0.00	-0.23	1.13S		0.703			
LSK	AC	HHZ		80.7	95	90	P		68.12	14.99	14.51	0.00	0.48	1.13		0.261	1.00	29	3.04 D
LSK	AC	HHN		80.7	95	90		6	60.00	6.87	14.51	0.00		0.00		0.000	1.00		0.48 .46 2.23 L
							S		78.45	25.32	25.39	0.00	-0.07	1.13S		0.863			
IGT	AC	HHZ		95.8	142	90	P		72.78	19.65	17.09	0.00	0.36	0.00		0.000			
IGT	AC	HHN		95.8	142	90	S		84.73	31.60	29.91	0.00	0.49	0.35S		0.999			
KBN	AC	HHZ		105.9	64	90	P		71.70	18.57	18.83	0.00	-0.26	1.13		0.636			

**Tërmetet Rajonalë (Parametric Data for Regional Events recorded by ASN)**

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-01 2119 45.55 39 28.34 20E44.16 20.18 0.36 0.89 0.56 2.2 2.2

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 8 12 35.5 At1 261 14 0 7 3 8 - 0.00 0.00 L 3.00 0.10 D

1 1 JUN 2017, 21:19 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 32.56 0 90>-< 2.89 145 0>-< 1.10 55 0>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
IGT	AC	HHE		35.5	281	90	S		58.48	12.93	12.67	0.00	0.26	1.04S		0.622			
IGT	AC	HHZ		35.5	281	90	P		52.34	6.79	7.24	0.00	-0.45	1.04		0.406	1.00	13	2.42 D
LSK	AC	HHE		76.1	352	90	S		69.57	24.02	23.99	0.00	0.03	1.04S		0.767			
LSK	AC	HHZ		76.1	352	90	P		59.55	14.00	13.71	0.00	0.29	1.04		0.197	1.00	21	2.89 D
SRN	AC	HHE		77.7	306	90	S		68.64	23.09	24.41	0.00	-0.32*	0.00S		0.000			
SRN	AC	HHZ		77.7	306	90	P		59.31	13.76	13.95	0.00	-0.19	1.04		0.195	1.00	19	2.79 D
FNA	AC	HHE		155.5	20	90	S		90.98	45.43	46.15	0.00	-0.72*	0.75S		0.282			
FNA	AC	HHZ		155.5	20	90	P		72.36	26.81	26.37	0.00	0.44	1.04		0.528			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-05 1748 48.43 41 28.23 20E57.49 6.55 0.16 4.68 4 .29 1.75 2.95 1.8

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 6 9 49.3 At1 190 10 0 5 2 6 - 2.00 0.40 L 2.00 0.13 D

1 5 JUN 2017, 17:48 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 40.29 0 90>-< 4.68 231 0>-< 1.29 321 0>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
PHP	AC	HHZ		49.3	300	90	P		58.17	9.74	9.09	0.00	0.05	1.00		0.494	1.00	23	2.82 D
PHP	AC	HHN		49.3	300	90		6	60.00	11.57	9.09	0.00		0.00		0.625	1.00		0.97 .20 2.15 L
							S		64.05	15.62	15.91	0.00	-0.29	1.00S		0.860			
FNA	AC	HHZ		84.4	154	90	P		63.27	14.84	15.13	0.00	-0.09	1.00		0.939			
FNA	AC	HHN		84.4	154	90	S		71.21	22.78	26.48	0.00	-0.10	0.00S		0.000			
BCI	AC	HHZ		124.0	324	90	P		70.82	22.39	21.93	0.00	0.06	1.00		0.416	1.00	30	3.07 D
BCI	AC	HHN		124.0	324	90		6	60.00	11.57	21.93	0.00		0.00		0.000	1.00		0.03 .30 1.35 L
							S		86.30	37.87	38.38	0.00	-0.21	1.00S		0.663			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-08 1020 18.96 39 33.68 21E49.27 21.68 0.63 4.10 54.36 2.08 3.36 2.1

SOURCE

NSTA	NPBS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
8	12	128.2	At1	284	12	0	8	4	8	-	2.00	0.09	L	2.00	0.01	D

8 JUN 2017, 10:20 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 54.36 0 90>-< 4.10 310 0>-< 1.81 39 0>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
IGT	AC	HHZ		128.2	269	90	P		39.43	20.47	22.02	0.00	-1.55*	0.49		0.106						
IGT	AC	HHE		128.2	269	90	S		58.43	39.47	38.53	0.00	0.94*	1.17S		0.470						
FNA	AC	HHZ		140.5	345	90	P		43.23	24.27	23.98	0.00	0.29	1.19		0.573						
FNA	AC	HHE		140.5	345	90	S		60.64	41.68	41.97	0.00	-0.28	1.19S		0.515						
KBN	AC	HHZ		147.3	324	90	P		45.62	26.66	25.05	0.00	1.61*	0.40		0.987	1.00	33	3.35	D		
KBN	AC	HHN		147.3	324	90		6	60.00	41.04	25.05	0.00		0.00		0.000	1.00		0.09	.54	1.99	L
							S		63.13	44.17	43.84	0.00	0.33	1.19S		0.486						
SRN	AC	HHZ		160.1	284	90	P		45.81	26.85	27.10	0.00	-0.25	1.19		0.423	1.00	34	3.37	D		
SRN	AC	HHE		160.1	284	90		6	60.00	41.04	27.10	0.00		0.00		0.003	1.00		0.11	.43	2.16	L
							S		65.58	46.62	47.42	0.00	-0.80*	1.19S		0.432						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	06	09	1215	53.20	41	5.19	14E25.88	1.97	3.74	86.54	48.09	4.19	4.2

SOURCE

NSTA	NPBS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
10	13	133.4	At1	309	27	0	10	3	10	#	0.00	0.00	L	4.00	0.17	D

9 JUN 2017, 12:15 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 99.00 288 29>-< 24.50 176 35>-< 14.89 48 41>

REGION= Itali (Italy)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
SGRT	AC	HHZ		133.4	55	51	P		78.64	25.44	23.92	0.00	1.52*	1.07		0.533	1.00	83	4.05	D		
SGRT	AC	HHN		133.4	55	51	S		100.63	47.43	41.86	0.00	5.57*	0.85S		0.726						
NOCI	AC	HHZ		224.2	97	40	P		96.78	43.58	38.54	0.00	5.04*	0.96		0.389						
SCTE	AC	HHZ		359.8	106	37	P		114.51	61.31	56.51	0.00	4.80*	1.00		0.287						
TIR	AC	HHZ		456.9	84	37	P		120.53	67.33	69.34	0.00	-2.01*	1.07		0.175	1.00	22	2.83	D		
BCI	AC	HHZ		490.4	71	37	P		121.22	68.02	73.77	0.00	-5.75*	0.81		0.309	1.00	108	4.39	D		
BCI	AC	HHN		490.4	71	37	S		178.03	124.83	129.10	0.00	-4.27*	1.05S		0.592						
PHP	AC	HHZ		507.4	80	37	P		125.75	72.55	76.03	0.00	-3.48*	1.07		0.224	1.00	101	4.33	D		
PHP	AC	HHN		507.4	80	37	S		183.53	130.33	133.05	0.00	-2.72*	1.07S		0.518						
LSK	AC	HHZ		532.6	99	37	P		133.51	80.31	79.36	0.00	0.95*	1.07		0.244						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-10 0242 21.56 39 15.67 20E24.88 25.04 0.29 0.87 1.06 2.51 3.09 2.5

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 16 23 30.9 At1 147 20 0 13 7 15 6.00 0.18 L 3.00 0.09 D

10 JUN 2017, 2:42 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.38 87 50>-< 1.00 246 37>-< 0.57 346 10>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
IGT	AC	HHZ		30.9	347	123	P		28.11	6.55	6.95	0.00	-0.40	1.01		0.213			
IGT	AC	HHN		30.9	347	123	S		33.10	11.54	12.16	0.00	-0.62*	0.65S		0.228			
LKD2	AC	HHZ		56.5	158	104	P		32.11	10.55	10.70	0.00	-0.15	1.04		0.332			
LKD2	AC	HHN		56.5	158	104	S		40.42	18.86	18.73	0.00	0.13	1.04S		0.594			
SRN	AC	HHZ		77.4	333	98	P		35.11	13.55	13.97	0.00	-0.42	1.00		0.127	1.00	22	3.00 D
SRN	AC	HHN		77.4	333	98	S	6	0.00	-21.56	13.97	0.00		0.00		0.000	1.00		0.54 .25 2.28 L
									46.30	24.74	24.45	0.00	0.29	1.04S		0.322			
LSK	AC	HHZ		99.9	9	95	P		38.76	17.20	17.54	0.00	-0.34	1.04		0.123	1.00	24	3.09 D
LSK	AC	HHE		99.9	9	95	S	6	0.00	-21.56	17.54	0.00		0.00		0.000	1.00		0.51 .68 2.43 L
									52.38	30.82	30.69	0.00	0.13	1.04S		0.277			
KBN	AC	HHZ		154.6	11	90	P		49.33	27.77	26.22	0.00	0.55*	0.00		0.000	1.00	31	3.34 D
KBN	AC	HHE		154.6	11	90	S	6	60.00	38.44	26.22	0.00		0.00		0.000	1.00		0.31 .75 2.58 L
									67.70	46.14	45.88	0.00	0.26	1.04S		0.292			
VLO	AC	HHZ		155.4	330	90	P		49.33	27.77	26.36	0.00	0.41	1.00		0.000			
VLO	AC	HHE		155.4	330	90	S	6	60.00	38.44	26.36	0.00		0.00		0.000	1.00		0.80 .23 3.00 L
SCTE	AC	HHZ		190.0	300	62	P		53.42	31.86	31.47	0.00	0.39	1.02		0.240			
SCTE	AC	HHN		190.0	300	62	S	6	60.00	38.44	31.47	0.00		0.00		0.000	1.00		0.05 .18 2.01 L
									76.51	54.95	55.07	0.00	-0.12	1.04S		0.557			
PHP	AC	HHZ		269.1	0	56	P		63.24	41.68	41.98	0.00	-0.30	1.04		0.208			
PHP	AC	HHN		269.1	0	56	S	6	60.00	38.44	41.98	0.00		0.00		0.000	1.00		0.091.15 2.64 L
									95.05	73.49	73.46	0.00	0.03	1.04S		0.480			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-10 0737 40.01 40 8.19 20E46.11 4.00 0.85 1.97 2.68 2.50 2.62 2.5

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 16 24 14.5 At1 175 6 0 16 8 16 # 4.00 0.36 L 4.00 0.15 D

10 JUN 2017, 7:37 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.75 276 76>-< 2.00 135 10>-< 1.14 43 8>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG	T	AMP	PER	W-XMAG	T
LSK	AC	HHZ		14.5	276	90	P		42.61	2.60	3.19	0.00	-0.59*	1.11		0.388	1.00	15		2.38	D			
LSK	AC	HHE		14.5	276	90		6	0.00	-40.01	3.19	0.00		0.00		0.000	1.00				****	.07	5.98	L
							S		44.34	4.33	5.58	0.00	-0.25*	0.99S		0.459								
KBN	AC	HHZ		54.1		1	51	P	49.66	9.65	10.56	0.00	-0.91*	1.11		0.142	1.00	20		2.67	D			
KBN	AC	HHE		54.1		1	51		6	0.00	-40.01	10.56	0.00	0.00		0.000	1.00				****	.20	6.69	L
							S		57.35	17.34	18.48	0.00	-0.14*	1.06S		0.231								
SRN	AC	HHZ		71.5	247	51	P		51.56	11.55	13.54	0.00	-0.99*	0.22		0.005	1.00	18		2.57	D			
SRN	AC	HHN		71.5	247	51		6	60.00	19.99	13.54	0.00		0.00		0.000	1.00				0.82	.46	2.38	L
							S		63.79	23.78	23.69	0.00	0.08	1.11S		0.362								
IGT	AC	HHZ		77.0	210	51	P		55.15	15.14	14.48	0.00	0.66*	1.11		0.336								
IGT	AC	HHE		77.0	210	51	S		66.62	26.61	25.34	0.00	1.27*	0.97S		0.469								
FNA	AC	HHZ		88.6	35	51	P		55.85	15.84	16.49	0.00	-0.65*	1.11		0.266								
FNA	AC	HHN		88.6	35	51	S		68.98	28.97	28.86	0.00	0.11	1.11S		0.343								
VLO	AC	HHZ		114.3	290	51	P		61.33	21.32	20.91	0.00	0.41	1.11		0.091								
VLO	AC	HHN		114.3	290	51	S		77.35	37.34	36.59	0.00	0.75*	1.11S		0.361								
TIR	AC	HHZ		154.6	331	46	P		67.88	27.87	27.80	0.00	0.07	1.11		0.087								
TIR	AC	HHN		154.6	331	46	S		90.00	49.99	48.65	0.00	0.34*	0.91S		0.219								
PHP	AC	HHZ		174.1	351	46	P		71.94	31.93	30.91	0.00	0.02*	1.10		0.106	1.00	26		2.93	D			
PHP	AC	HHN		174.1	351	46		6	60.00	19.99	30.91	0.00		0.00		0.000	1.00				26361.03		6.62	L
							S		95.59	55.58	54.09	0.00	0.49*	0.75S		0.127								

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-11 0212 5.39 41 58.80 19E17.73 27.84 0.28 2.56 3.91 2.81 3.49 2.8

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 12 18 76.9 Atl 216 20 0 10 5 12 3.00 0.01 L 5.00 0.08 D SOURCE

11 JUN 2017, 2:12 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 4.67 88 56>-< 1.68 322 21>-< 0.94 222 24>

REGION= Mali Zi (Montenegro)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG	T	AMP	PER	W-XMAG	T
BCI	AC	HHN		76.9	55	101		6	0.00	-5.39	13.98	0.00		0.00		0.000	1.00				1.8	.47	2.82	L
							S		29.84	24.45	24.47	0.00	-0.01	1.18S		0.539								
BCI	AC	HHZ		76.9	55	101	P		19.32	13.93	13.98	0.00	-0.05	1.18		0.413	1.00	35		3.49	D			
TIR	AC	HHE		84.7	145	100		6	0.00	-5.39	15.20	0.00		0.00		0.000	1.00				0.57	.30	2.37	L





SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 6 9 20.4 At1 163 13 0 5 3 6 - 2.00 0.11 L 2.00 0.08 D

11 JUN 2017, 8:05 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 14.43 164 89>-< 0.58 99 0>-< 0.39 9 0>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
IGT	AC	HHZ		20.4	186	90	P		57.22	3.59	4.15	0.00	-0.26	0.00	0.000				
IGT	AC	HHN		20.4	186	90	S		60.87	7.24	7.26	0.00	-0.02	1.01S	0.999				
SRN	AC	HHZ		35.2	302	90	P		60.44	6.81	6.68	0.00	0.13	0.98	0.608	1.00	24	2.86	D
SRN	AC	HHE		35.2	302	90		6	60.00	6.37	6.68	0.00		0.00	0.000	1.00			1.1 .47 2.07 L
							S		65.23	11.60	11.69	0.00	-0.09	1.01S	0.879				
LSK	AC	HHZ		52.7	23	90	P		63.21	9.58	9.69	0.00	-0.11	1.01	0.631	1.00	28	3.01	D
LSK	AC	HHE		52.7	23	90		6	60.00	6.37	9.69	0.00		0.00	0.000	1.00			1.2 .75 2.28 L
							S		70.63	17.00	16.96	0.00	0.04	1.01S	0.879				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-13 2229 8.55 42 58.33 17E12.01 25.48 0.53 0.79 0.35 4.34 4.4

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 10 15 244.5 At1 320 11 0 8 3 10 - 0.00 0.00 L 4.00 0.20 D

13 JUN 2017, 22:29 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 40.39 300 55>-< 4.02 207 1>-< 2.98 117 34>

REGION= Kroaci (Croatia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
BCI	AC	HHZ		244.5	104	56	P		47.10	38.55	38.69	0.00	-0.14	1.16	0.399	1.00	74	4.18	D
BCI	AC	HHN		244.5	104	56	S		76.21	67.66	67.71	0.00	-0.05	1.16S	0.843				
TIR	AC	HHZ		284.8	128	56	P		54.07	45.52	44.01	0.00	0.51*	0.86	0.201	1.00	111	4.57	D
TIR	AC	HHN		284.8	128	56	S		85.55	77.00	77.02	0.00	-0.02	1.16S	0.596				
PHP	AC	HHZ		303.1	117	56	P		54.73	46.18	46.43	0.00	-0.25	1.16	0.450	1.00	103	4.50	D
PHP	AC	HHN		303.1	117	56	S		87.16	78.61	81.25	0.00	-2.64*	0.00S	0.000				
SRN	AC	HHZ		415.7	144	56	P		69.09	60.54	61.33	0.00	-0.79*	1.16	0.690				
SRN	AC	HHN		415.7	144	56	S		112.61	104.06	107.33	0.00	-0.27*	0.00S	0.000				
LSK	AC	HHZ		422.7	136	56	P		71.21	62.66	62.26	0.00	0.40	1.16	0.261	1.00	153	4.93	D
LSK	AC	HHN		422.7	136	56	S		117.56	109.01	108.95	0.00	0.06	1.16S	0.557				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-15 0407 14.29 41 59.88 21E14.35 5.44 0.14 1.83 4.28 2.80 3.01 3.0

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 8 12 74.9 At1 240 8 0 7 4 8 2.00 0.10 L 2.00 0.04 D

15 JUN 2017, 4:07 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 4.66 49 66>-< 1.99 229 23>-< 0.79 139 0>

REGION= Maqedonia (Macedoni)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
PHP	AC	HHZ		74.9	243	62	P		27.78	13.49	13.55	0.00	-0.06	1.10		0.541	1.00	27	2.97 D
PHP	AC	HHN		74.9	243	62		6	0.00	-14.29	13.55	0.00		0.00		0.000	1.00		1.6 .30 2.70 L
							S		37.92	23.63	23.71	0.00	-0.08	1.10S		0.787			
BCI	AC	HHZ		105.1	294	62	P		31.01	16.72	18.74	0.00	-0.02	0.00		0.000	1.00	29	3.04 D
BCI	AC	HHN		105.1	294	62		6	0.00	-14.29	18.74	0.00		0.00		0.000	1.00		1.4 .63 2.89 L
							S		47.00	32.71	32.79	0.00	-0.08	1.10S		0.989			
FNA	AC	HHZ		135.6	174	62	P		38.46	24.17	23.98	0.00	0.19	1.10		0.593			
FNA	AC	HHN		135.6	174	62	S		55.69	41.40	41.97	0.00	-0.47	1.10S		0.486			
KBN	AC	HHZ		157.2	195	55	P		42.96	28.67	27.54	0.00	0.13	0.39		0.039			
KBN	AC	HHN		157.2	195	55	S		62.91	48.62	48.19	0.00	0.42	1.10S		0.561			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-16 2342 40.96 36 53.44 22E47.69 56.10 0.78 4.45 57.47 5.02 5.37 5.1

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 25 33 282.5 At1 314 10 0 19 8 21 - 7.00 0.19 L 1.00 0.00 D

16 JUN 2017, 23:42 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 57.49 328 88>-< 4.45 58 0>-< 3.69 148 1>

REGION= Greqia jugore (Sowthern Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
LKD2	AC	HHZ		282.5	319	91	P		86.44	45.48	42.01	0.00	0.47	1.00		0.000			
LKD2	AC	HHE		282.5	319	91	S		115.68	74.72	73.52	0.00	0.20	1.05S		0.456			
IGT	AC	HHZ		364.1	325	91	P		95.25	54.29	52.83	0.00	0.46	0.92		0.122			
IGT	AC	HHN		364.1	325	91	S		133.70	92.74	92.45	0.00	0.29	1.09S		0.212			
SRN	AC	HHZ		412.0	325	91	P		100.22	59.26	59.19	0.00	0.07	1.09		0.145	1.00	152	5.37 D
SRN	AC	HHE		412.0	325	91		6	120.00	79.04	59.19	0.00		0.00		0.000	1.00		4.1 .23 4.78 L
							S		142.90	101.94	103.58	0.00	-0.64*	0.79S		0.100			
THE	AC	HHZ		415.6	1	91	P		101.14	60.18	59.66	0.00	0.52*	1.09		0.309			



YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-18 0000 55.95 41 11.09 20E57.11 1.04 0.28 1.37 2.85 3.44 3.62 3.5

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 16 24 57.7 At1 168 12 0 14 7 16 # 3.00 0.05 L 4.00 0.30 D

18 JUN 2017, 0:01 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.92 62 77>-< 1.40 249 12>-< 0.77 159 1>

REGION= Maqedoni (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
FNA	AC	HHZ		57.7	140	51	P		67.51	11.56	11.16	0.00	0.40	1.14		0.313			
FNA	AC	HHN		57.7	140	51	S		74.94	18.99	19.53	0.00	-0.14	1.14S		0.651			
KBN	AC	HHZ		63.8	193	51	P		67.41	11.46	12.22	0.00	-0.26	1.14		0.208	1.00	76	3.96 D
KBN	AC	HHN		63.8	193	51	S	6	60.00	4.05	12.22	0.00		0.00		0.000	1.00		14 .43 3.49 L
									75.06	19.11	21.38	0.00	-0.28	0.00S		0.000			
PHP	AC	HHZ		70.0	323	51	P		68.34	12.39	13.29	0.00	-0.30	1.11		0.204	1.00	30	3.07 D
PHP	AC	HHN		70.0	323	51	S	6	60.00	4.05	13.29	0.00		0.00		0.000	1.00		6.2 .21 3.25 L
									78.77	22.82	23.26	0.00	-0.14	1.14S		0.375			
TIR	AC	HHZ		92.9	282	51	P		72.59	16.64	17.21	0.00	-0.37	1.14		0.226	1.00	69	3.87 D
TIR	AC	HHN		92.9	282	51	S		84.30	28.35	30.12	0.00	-0.41	0.26S		0.019			
BPA1	AC	HHZ		120.6	246	51	P		81.07	25.12	21.97	0.00	0.15	0.00		0.000			
BPA1	AC	HHN		120.6	246	51	S		94.37	38.42	38.45	0.00	-0.03	1.14S		0.398			
BCI	AC	HHZ		150.4	332	51	P		83.53	27.58	27.11	0.00	0.47	1.14		0.228	1.00	41	3.37 D
BCI	AC	HHN		150.4	332	51	S		103.88	47.93	47.44	0.00	0.39	1.14S		0.437			
SRN	AC	HHZ		165.8	210	46	P		85.03	29.08	29.58	0.00	-0.20	1.14		0.164			
SRN	AC	HHN		165.8	210	46	S	6	60.00	4.05	29.58	0.00		0.00		0.000	1.00		2.0 .86 3.44 L
									108.60	52.65	51.76	0.00	0.18	1.12S		0.308			
IGT	AC	HHZ		191.0	197	46	P		90.19	34.24	33.60	0.00	0.24	1.14		0.158			
IGT	AC	HHN		191.0	197	46	S		114.57	58.62	58.80	0.00	-0.18	1.14S		0.303			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-18 0544 23.96 39 13.34 21E40.69 0.09 0.26 3.49 5.25 3.45 3.58 3.5

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 12 17 100.6 At1 250 15 0 11 4 12 2.00 0.18 L 2.00 0.04 D

18 JUN 2017, 5:44 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 6.30 119 56>-< 2.03 305 33>-< 1.36 213 2>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
LKD2	AC	HHZ	100.6	242	51	P		41.92	17.96	18.54	0.00	-0.18	1.19		0.397				
LKD2	AC	HHN	100.6	242	51	S		56.85	32.89	32.44	0.00	0.44	1.19S		0.795				
IGT	AC	HHZ	121.2	287	51	P		45.97	22.01	22.06	0.00	-0.05	1.19		0.438				
IGT	AC	HHN	121.2	287	51	S		62.24	38.28	38.60	0.00	-0.33	1.19S		0.493				
SRN	AC	HHZ	161.6	298	46	P		54.09	30.13	28.91	0.00	0.22	0.82		0.117	1.00	49	3.54	D
SRN	AC	HHN	161.6	298	46		6	60.00	36.04	28.91	0.00		0.00		0.000	1.00			1.4 .66 3.27 L
								74.19	50.23	50.59	0.00	-0.36	1.19S		0.354				
KBN	AC	HHZ	173.2	335	46	P		55.77	31.81	30.75	0.00	0.16	1.03		0.178	1.00	53	3.61	D
KBN	AC	HHN	173.2	335	46		6	60.00	36.04	30.75	0.00		0.00		0.000	1.00			2.7 .62 3.62 L
								78.01	54.05	53.81	0.00	0.24	1.19S		0.542				
FNA	AC	HHZ	175.0	352	46	P		54.40	30.44	31.03	0.00	-0.49	1.19		0.328				
FNA	AC	HHN	175.0	352	46	S		76.34	52.38	54.30	0.00	-0.22	0.04S		0.000				
BPA1	AC	HHZ	240.0	315	37	P		66.33	42.37	40.99	0.00	0.18	0.58		0.038				
PHP	AC	HHZ	292.9	340	37	P		71.42	47.46	47.98	0.00	-0.32	1.19		0.313				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	06	18	0600	41 10.92	20E54.72	8.02	0.09	0.89	1.75	2.83	3.07	2.8

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
10	15	59.6	At1	165	10	0	8	3	10		3.00 0.12 L	3.00 0.07 D	

18 JUN 2017, 5:59 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.87 220 69>-< 0.95 59 19>-< 0.29 326 6>

REGION= Maqedoni (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
FNA	AC	HHZ	59.6	138	92	P		11.39	10.99	10.88	0.00	0.11	1.01		0.340				
FNA	AC	HHN	59.6	138	92	S		19.37	18.97	19.04	0.00	-0.07	1.01S		0.606				
KBN	AC	HHZ	62.9	190	92	P		11.81	11.41	11.44	0.00	-0.03	1.01		0.625	1.00	30	3.07	D
KBN	AC	HHN	62.9	190	92		6	0.00	-0.40	11.44	0.00		0.00		0.000	1.00			7.0 .25 3.19 L
								19.88	19.48	20.02	0.00	-0.44	0.00S		0.000				
PHP	AC	HHZ	68.3	325	91	P		12.58	12.18	12.38	0.00	-0.20	0.91		0.272	1.00	24	2.86	D
PHP	AC	HHN	68.3	325	91		6	0.00	-0.40	12.38	0.00		0.00		0.000	1.00			2.5 .15 2.83 L
								22.12	21.72	21.67	0.00	0.06	1.01S		0.645				
TIR	AC	HHZ	89.6	283	91	P		16.48	16.08	16.05	0.00	0.03	1.01		0.487	1.00	32	3.14	D
TIR	AC	HHN	89.6	283	91		6	0.00	-0.40	16.05	0.00		0.00		0.000	1.00			1.2 .36 2.71 L
								27.95	27.55	28.09	0.00	-0.44	0.00S		0.000				
BCI	AC	HHZ	149.1	333	68	P		26.51	26.11	26.05	0.00	0.06	1.01		0.282				
BCI	AC	HHN	149.1	333	68	S		45.95	45.55	45.59	0.00	-0.04	1.01S		0.739				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-18 0636 48.75 41 57.76 19E13.92 3.97 0.04 1.22 1.58 2.28 2.73 2.3

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 8 12 82.3 At1 274 8 0 7 4 8 3.00 0.22 L 3.00 0.08 D

18 JUN 2017, 6:36 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.00 282 52>-< 0.87 90 37>-< 0.44 185 5>

REGION= Ulqin, Mali Zi ( Ulqini, Montenegro)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
BCI	AC	HHZ		82.3	56	62	P		63.76	15.01	14.96	0.00	0.05	1.00		0.494	1.00	17	2.52 D
BCI	AC	HHE		82.3	56			6	60.00	11.25	14.96	0.00		0.00		0.000	1.00		0.52 .20 2.28 L
							S		74.90	26.15	26.18	0.00	-0.03	1.00S		0.659			
TIR	AC	HHZ		86.3	142	62	P		64.41	15.66	15.63	0.00	0.03	1.00		0.492	1.00	23	2.81 D
TIR	AC	HHN		86.3	142			6	60.00	11.25	15.63	0.00		0.00		0.000	1.00		0.18 .20 1.85 L
							S		76.09	27.34	27.35	0.00	-0.01	1.00S		0.423			
PHP	AC	HHZ		105.1	106	62	P		67.54	18.79	18.86	0.00	-0.07	1.00		0.304	1.00	21	2.73 D
PHP	AC	HHN		105.1	106			6	60.00	11.25	18.86	0.00		0.00		0.000	1.00		0.58 .15 2.50 L
							S		81.81	33.06	33.00	0.00	0.06	1.00S		0.775			
FNA	AC	HHN		222.7	125	47	P		87.52	38.77	38.06	0.00	0.71*	0.00		0.000			
FNA	AC	HHE		222.7	125	47	S		115.37	66.62	66.60	0.00	0.01	1.00S		0.849			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-18 0700 35.29 41 58.36 19E12.85 17.10 0.04 1.12 2.59 2.74 2.79 2.8

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 8 12 83.0 At1 276 12 0 6 3 8 3.00 0.17 L 3.00 0.00 D

18 JUN 2017, 7:00 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.75 348 70>-< 1.14 104 8>-< 0.51 198 17>

REGION= Ulqin, Mali Zi ( Ulqini, Montenegro)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
BCI	AC	HHZ		83.0	57	94	P		50.48	15.19	14.92	0.00	0.27	0.00		0.000	1.00	20	2.79 D
BCI	AC	HHN		83.0	57	94		6	60.00	24.71	14.92	0.00		0.00		0.000	1.00		2.2 .41 2.91 L
							S		61.40	26.11	26.11	0.00	0.00	1.00S		0.898			
TIR	AC	HHZ		88.1	141	71	P		51.11	15.82	15.77	0.00	0.05	1.00		0.585	1.00	20	2.79 D
TIR	AC	HHN		88.1	141	71		6	60.00	24.71	15.77	0.00		0.00		0.000	1.00		0.38 .36 2.20 L

						S	62.86	27.57	27.60	0.00	-0.03	1.00S	0.648								
PHP	AC	HHZ	106.8	107	71	P	53.98	18.69	18.76	0.00	-0.07	1.00	0.209	1.00	22	2.88	D				
PHP	AC	HHN	106.8	107	71		6	60.00	24.71	18.76	0.00		0.000	1.00				0.96	.21	2.74	L
						S	68.13	32.84	32.83	0.00	0.01	1.00S	0.780								
FNA	AC	HHN	224.6	125	51	P	72.13	36.84	36.85	0.00	-0.01	1.00	0.877								
FNA	AC	HHE	224.6	125	51	S	100.06	64.77	64.49	0.00	0.28	0.00S	0.000								

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	06	18	0707	49.03	41 58.68	19E16.82	0.59	0.09	2.15	2.56	2.21	2.68	2.2

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
6	9	78.1	At1	272	9	0	5	3	6		3.00	0.06	L 3.00 0.00 D

18 JUN 2017, 7:07 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 3.34 278 50>-< 1.10 109 39>-< 0.56 16 5>

REGION= Ulqin, Mali Zi ( Ulqini, Montenegro)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
BCI	AC	HHZ		78.1	56	51	P		64.29	15.26	14.59	0.00	0.67*	0.00		0.000	1.00	15	2.40	D		
BCI	AC	HHN		78.1	56	51		6	60.00	10.97	14.59	0.00		0.00		0.000	1.00		0.49	.43	2.21	L
							S		74.57	25.54	25.53	0.00	0.01	1.00S		1.000						
TIR	AC	HHZ		85.3	144	51	P		64.72	15.69	15.83	0.00	-0.14	0.99		0.615	1.00	20	2.68	D		
TIR	AC	HHE		85.3	144	51		6	60.00	10.97	15.83	0.00		0.00		0.000	1.00		0.16	.37	1.79	L
							S		76.80	27.77	27.70	0.00	0.07	1.00S		0.878						
PHP	AC	HHZ		101.8	108	51	P		67.81	18.78	18.67	0.00	0.11	1.00		0.627	1.00	20	2.68	D		
PHP	AC	HHN		101.8	108	51		6	60.00	10.97	18.67	0.00		0.00		0.000	1.00		0.36	.20	2.27	L
							S		81.63	32.60	32.67	0.00	-0.07	1.00S		0.878						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	06	18	0754	47.72	42 37.59	18E58.75	28.07	0.21	2.49	2.21	3.86	4.00	3.9

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
17	23	94.0	At1	303	18	0	12	6	15		6.00	0.23	L 3.00 0.08 D

18 JUN 2017, 7:54 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 3.33 13 41>-< 1.35 114 13>-< 0.88 219 45>

REGION= Mali Zi ( Montenegro)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
-----	-----	-----	----	------	-----	----	-----	----	-----	-------	-------	------	-------	----	----	------	-----	--------------	------------------





IGT	AC	HHN	249.8	267	90	S	90.81	65.96	65.90	0.00	0.06	1.08S	0.408										
SRN	AC	HHZ	277.6	276	90	P	66.11	41.26	41.34	0.00	-0.08	1.08	0.156	1.00	57	4.31	D						
SRN	AC	HHN	277.6	276	90		6	60.00	35.15	41.34	0.00		0.00	0.000	1.00			1.4	.47	3.89	L		
						S		97.11	72.26	72.35	0.00	-0.08	1.08S	0.326									
PHP	AC	HHZ	323.6	315	90	P	72.23	47.38	47.43	0.00	-0.05	1.08	0.195	1.00	85	4.70	D						
PHP	AC	HHN	323.6	315	90		6	60.00	35.15	47.43	0.00		0.00	0.000	1.00			0.971	.32	3.89	L		
						S		107.32	82.47	83.00	0.00	-0.53*	0.40S	0.040									
BPA1	AC	HHZ	325.3	292	90	P	72.40	47.55	47.66	0.00	-0.11	1.08	0.116										
BCI	AC	HHZ	399.0	320	90	P	81.89	57.04	57.40	0.00	-0.36	0.97	0.189										
BCI	AC	HHE	399.0	320	90		6	120.00	95.15	57.40	0.00		0.00	0.000	1.00			0.971	.46	4.12	L		
						S		125.31	100.46	100.45	0.00	0.01	1.08S	0.341									
SCTE	AC	HHZ	409.8	278	90	P	82.82	57.97	58.83	0.00	-0.86*	0.00	0.000										

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-06-18 2241 4.43 39 41.29 23E13.59 8.75 0.51 2.62 5.09 4.09 4.36 4.1

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
20 27 107.2 At1 259 11 0 17 6 18 - 4.00 0.10 L 3.00 0.05 D

18 JUN 2017, 22:41 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 41.09 60 88>-< 2.62 107 0>-< 1.76 198 0>

REGION= Deti Egje (Aegean Sea)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	-W-FMAG-T	AMP	-PER-W-XMAG-T				
THE	AC	HHZ	107.2	348	91	P		23.06	18.63	18.81	0.00	-0.18	1.06			0.337									
THE	AC	HHE	107.2	348	91	S		37.46	33.03	32.92	0.00	0.11	1.06S			0.783									
FNA	AC	HHZ	198.4	309	90	P		35.75	31.32	30.86	0.00	0.46	1.06			0.129									
FNA	AC	HHN	198.4	309	90	S		58.86	54.43	54.00	0.00	0.42	1.06S			0.219									
KBN	AC	HHZ	232.4	298	90	P		40.43	36.00	35.36	0.00	0.34	1.06			0.090	1.00	67	4.47	D					
KBN	AC	HHE	232.4	298	90	S		67.16	62.73	61.88	0.00	0.45	0.97S			0.215									
LKD2	AC	HHZ	243.2	247	90	P		41.64	37.21	36.80	0.00	0.41	1.06			0.359									
SRN	AC	HHZ	277.2	276	90	P		45.48	41.05	41.30	0.00	-0.25	1.06			0.136	1.00	60	4.36	D					
SRN	AC	HHN	277.2	276	90		6	60.00	55.57	41.30	0.00		0.00	0.000	1.00					2.02	.22	4.03	L		
						S		76.12	71.69	72.28	0.00	-0.59*	1.06S	0.520											
PHP	AC	HHZ	323.5	315	90	P		51.68	47.25	47.41	0.00	-0.16	1.06			0.172	1.00	57	4.31	D					
PHP	AC	HHN	323.5	315	90		6	60.00	55.57	47.41	0.00		0.00	0.000	1.00					1.81	.53	4.15	L		
						S		87.25	82.82	82.97	0.00	-0.15	1.06S	0.236											
BPA1	AC	HHZ	325.1	292	90	P		52.88	48.45	47.62	0.00	0.83*	0.98			0.075									
VLO	AC	HHZ	329.9	287	90	P		52.08	47.65	48.27	0.00	-0.62*	1.06			0.095									
TIR	AC	HHZ	339.4	304	90	P		55.43	51.00	49.51	0.00	1.49*	0.20			0.003									
TIR	AC	HHN	339.4	304	90	S		96.12	91.69	86.64	0.00	1.05*	0.00S			0.000									
TIR	AC	HHE	339.4	304	90		6	120.00	115.57	49.51	0.00		0.00	0.000	1.00					0.981	.13	3.95	L		

BCI	AC	HHZ	398.9	320	90	P	61.47	57.04	57.39	0.00	-0.35	1.06	0.220							
BCI	AC	HHE	398.9	320	90	S	104.22	99.79	100.43	0.00	-0.64*	1.06S	0.276							
BCI	AC	HHN	398.9	320	90		6	120.00	115.57	57.39	0.00	0.00	0.000	1.00				1.81.70	4.38	L
SCTE	AC	HHZ	409.5	278	90	P	62.58	58.15	58.79	0.00	-0.64*	1.06	0.126							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017-06-19	0110	12.70	41	27.01	20E55.97	6.55	0.10	0.98	2.59	1.47	2.26	1.5

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
8	12	48.6	At1	186	10	0	6	3	8	-	2.00	0.14	L	2.00	0.15	D

19 JUN 2017, 1:10 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 14.59 260 89>-< 0.98 246 0>-< 0.30 155 0>

REGION= Maqedoni (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
PHP	AC	HHZ		48.6	303	90	P	21.68	8.98	9.00	0.00	-0.02	1.16			0.294	1.00	11	2.11	D		
PHP	AC	HHN		48.6	303	90		6	0.00-12.70	9.00	0.00		0.00			0.000	1.00		0.15	.14	1.33	L
							S		28.43	15.73	15.75	0.00	-0.02	1.16S		0.769						
FNA	AC	HHN		83.3	152	90	P	27.59	14.89	14.95	0.00	-0.06	1.16			0.892						
FNA	AC	HHE		83.3	152	90	S	38.26	25.56	26.16	0.00	-0.40	0.02S			0.000						
KBN	AC	HHZ		92.6	188	90	P	29.91	17.21	16.54	0.00	0.67*	0.00			0.000	1.00	15	2.40	D		
KBN	AC	HHN		92.6	188	90		6	0.00-12.70	16.54	0.00		0.00			0.000	1.00		0.09	.86	1.60	L
							S		41.64	28.94	28.94	0.00	0.00	1.16S		0.999						
BCI	AC	HHZ		124.6	326	90	P	34.93	22.23	22.03	0.00	0.20	1.16			0.370						
BCI	AC	HHE		124.6	326	90	S	51.12	38.42	38.55	0.00	-0.13	1.16S			0.673						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017-06-19	0414	54.07	41	27.54	20E58.59	11.69	0.17	1.54	5.12	1.60	2.37	1.6

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
6	9	51.2	At1	215	7	0	5	3	6	-	2.00	0.06	L	2.00	0.26	D

19 JUN 2017, 4:14 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 19.12 0 90>-< 1.54 234 0>-< 0.46 324 0>

REGION= Maqedoni (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T	
PHP	AC	HHZ		51.2	300	90	P	63.80	9.73	9.43	0.00	0.30	0.93			0.370	1.00	11	2.11	D

PHP	AC	HHN	51.2	300	90		6	60.00	5.93	9.43	0.00		0.00	0.000	1.00			0.23	.31	1.54	L
						S		70.33	16.26	16.50	0.00	-0.24	1.01S	0.675							
FNA	AC	HHN	82.6	155	90	P		68.87	14.80	14.83	0.00	-0.03	1.02	0.473							
FNA	AC	HHE	82.6	155	90	S		79.93	25.86	25.95	0.00	-0.09	1.02S	0.527							
KBN	AC	HHZ	94.1	190	90	P		71.57	17.50	16.80	0.00	0.70*	0.00	1.000	1.00	19	2.63	D			
KBN	AC	HHE	94.1	190	90		6	60.00	5.93	16.80	0.00		0.00	0.000	1.00			0.10	.46	1.66	L
						S		83.53	29.46	29.40	0.00	0.06	1.02S	0.952							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	06	19	0226	54.44	41 25.29	20E55.66	12.03	0.18	0.96	1.68	1.76	2.44	1.8

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
10	15	50.0	At1	184	15	0	9	5	10	-	2.00	0.09 L	2.00 0.25 D

19 JUN 2017, 2:26 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP><-< 18.68 18 89>><-< 0.96 48 0>><-< 0.36 138 0>

REGION= Maqedoni (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T		
PHP	AC	HHZ		50.0	306	90	P		63.52	9.08	9.24	0.00	-0.16	1.12		0.349	1.00	12	2.19 D		
PHP	AC	HHE		50.0	306	90	S		70.55	16.11	16.17	0.00	-0.06	1.12S		0.787					
FNA	AC	HHN		80.7	151	90	P		68.97	14.53	14.50	0.00	0.03	1.12		0.423					
FNA	AC	HHE		80.7	151	90	S		79.68	25.24	25.38	0.00	-0.13	1.12S		0.451					
TIR	AC	HHZ		89.3	266	90	P		70.84	16.40	15.96	0.00	0.44	0.96		0.317					
TIR	AC	HHE		89.3	266	90	S		82.22	27.78	27.93	0.00	-0.15	1.12S		0.664					
KBN	AC	HHZ		89.4	188	90	P		70.51	16.07	15.98	0.00	0.09	1.12		0.173	1.00	20	2.68 D		
KBN	AC	HHN		89.4	188	90		6	60.00	5.56	15.98	0.00		0.00		0.000	1.00		0.17	.36	1.85 L
							S		82.43	27.99	27.97	0.00	0.03	1.12S		0.703					
BCI	AC	HHE		127.0	327	90		6	60.00	5.56	22.44	0.00		0.00		0.000	1.00		0.06	.31	1.67 L
							S		94.42	39.98	39.27	0.00	0.41	0.22S		0.128					
BCI	AC	HHZ		127.0	327	90	P		78.93	24.49	22.44	0.00	2.05*	0.00		0.000					

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YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	06	20	1310	32.95	41 10.61	20E55.98	1.27	0.48	1.27	2.58	4.20	3.86	4.2

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
16	22	58.0	At1	167	9	0	13	6	16		3.00	0.03 L	6.00 0.17 D

20 JUN 2017, 13:10 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 2.63 64 78>-< 1.30 245 11>-< 0.64 155 0>

REGION= Maqedoni (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
FNA	AC	HHZ		58.0	139	51	P		44.58	11.63	11.05	0.00	0.58*	1.10		0.317			
FNA	AC	HHN		58.0	139	51	S		52.14	19.19	19.34	0.00	-0.15	1.10S		0.654			
KBN	AC	HHZ		62.6	192	51	P		45.05	12.10	11.85	0.00	0.25	1.10		0.232	1.00	42	3.39 D
KBN	AC	HHN		62.6	192	51		6	0.00	-32.95	11.85	0.00		0.00		0.000	1.00		68 .34 4.17 L
							S		53.32	20.37	20.74	0.00	-0.37	1.10S		0.314			
PHP	AC	HHZ		69.8	325	51	P		45.54	12.59	13.08	0.00	-0.49	1.10		0.220	1.00	67	3.84 D
PHP	AC	HHN		69.8	325	51	S		56.21	23.26	22.89	0.00	0.37	1.10S		0.349			
TIR	AC	HHZ		91.5	283	51	P		49.61	16.66	16.81	0.00	-0.15	1.10		0.246	1.00	59	3.72 D
TIR	AC	HHN		91.5	283	51	S		62.32	29.37	29.42	0.00	-0.05	1.10S		0.366			
BPA1	AC	HHZ		118.7	246	51	P		57.27	24.32	21.49	0.00	2.83*	0.00		0.000			
VLO	AC	HHZ		144.5	238	51	P		61.17	28.22	25.92	0.00	2.30*	0.01		0.000	1.00	69	3.87 D
BCI	AC	HHZ		150.5	332	51	P		59.47	26.52	26.94	0.00	-0.42	1.10		0.234	1.00	84	4.06 D
BCI	AC	HHE		150.5	332	51		6	60.00	27.05	26.94	0.00		0.00		0.000	1.00		18 .93 4.30 L
							S		80.34	47.39	47.14	0.00	0.24	1.10S		0.405			
SRN	AC	HHZ		164.3	210	46	P		62.89	29.94	29.15	0.00	0.79*	1.10		0.192	1.00	83	4.05 D
SRN	AC	HHN		164.3	210	46		6	60.00	27.05	29.15	0.00		0.00		0.000	1.00		12 .69 4.20 L
							S		84.06	51.11	51.01	0.00	0.10	1.10S		0.396			
LKD2	AC	HHZ		266.2	186	37	P		75.88	42.93	44.24	0.00	-1.31*	0.84		0.068			
SGRT	AC	HHZ		437.0	281	37	P		95.84	62.89	66.84	0.00	-3.95*	0.00		0.000			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	06	20	1725	33.53	41 12.77	20E56.49	6.80	0.18	1.88	3.02	2.17	2.68 2.2

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
8	12	60.6	At1	180	11	0	7	3	8	-	2.00	0.28 L	2.00 0.05 D

20 JUN 2017, 17:25 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 33.02 94 89>-< 1.88 227 0>-< 0.66 136 0>

REGION= Maqedoni (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
FNA	AC	HHZ		60.6	142	90	P		45.10	11.57	11.07	0.00	0.50	1.11		0.332			
FNA	AC	HHN		60.6	142	90	S		52.41	18.88	19.37	0.00	-0.49	1.11S		0.782			
KBN	AC	HHZ		66.7	192	90	P		45.63	12.10	12.09	0.00	0.01	1.11		0.877	1.00	19	2.63 D
KBN	AC	HHN		66.7	192	90		6	0.00	-33.53	12.09	0.00		0.00		0.000	1.00		1.1 .23 2.44 L
							S		52.50	18.97	21.16	0.00	-0.19	0.00S		0.000			
PHP	AC	HHZ		67.1	322	90	P		45.97	12.44	12.15	0.00	0.29	1.11		0.450	1.00	21	2.73 D

PHP	AC	HHN	67.1	322	90	6	0.00-33.53	12.15	0.00	0.00	0.000	1.00	0.30	.18	1.89	L
						S	54.44	20.91	21.26	0.00	-0.35	1.11S	0.597			
TIR	AC	HHZ	91.4	280	90	P	51.25	17.72	16.34	0.00	0.38	0.32	0.022			
TIR	AC	HHN	91.4	280	90	S	62.06	28.53	28.60	0.00	-0.07	1.11S	0.938			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017-06-20	2046	56.40	41	10.14	20E52.77	6.30	0.20	1.65	2.21	2.25	2.58	2.3

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
6	9	60.4	At1	167	10	0	5	3	6	-	2.00	0.04	L	2.00	0.05	D

20 JUN 2017, 20:46 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 28.21 0 90>-< 1.65 242 0>-< 0.63 332 0>

REGION= Maqedoni (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T	
FNA	AC	HHN	60.4	135	90	P	67.99	11.59	11.01	0.00	0.08	0.89	0.287							
FNA	AC	HHE	60.4	135	90	S	75.32	18.92	19.27	0.00	-0.35	1.03S	0.729							
KBN	AC	HHZ	61.1	188	90	P	69.02	12.62	11.12	0.00	0.40	0.00	0.257	1.00	17	2.53	D			
KBN	AC	HHN	61.1	188	90	6	60.00	3.60	11.12	0.00	0.00	0.000	1.00				0.77	.28	2.21	L
						S	75.82	19.42	19.46	0.00	-0.04	1.03S	0.998							
PHP	AC	HHZ	68.0	328	90	P	68.86	12.46	12.31	0.00	0.15	1.03	0.816	1.00	19	2.63	D			
PHP	AC	HHN	68.0	328	90	6	60.00	3.60	12.31	0.00	0.00	0.013	1.00				0.74	.20	2.29	L
						S	77.74	21.34	21.54	0.00	-0.20	1.03S	0.897							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017-06-21	0418	45.33	41	10.77	20E53.26	6.23	0.03	0.60	2.82	2.20	3.04	2.2

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
7	10	60.8	At1	169	13	0	6	2	7	-	2.00	0.09	L	3.00	0.09	D

21 JUN 2017, 4:18 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 12.82 0 90>-< 0.60 228 0>-< 0.26 318 0>

REGION= Maqedoni (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T	
FNA	AC	HHZ	60.8	136	90	P	56.42	11.09	11.07	0.00	0.02	1.38	0.718							
KBN	AC	HHZ	62.3	188	90	P	56.62	11.29	11.33	0.00	-0.04	1.38	0.517	1.00	32	3.13	D			
KBN	AC	HHN	62.3	188	90	6	60.00	14.67	11.33	0.00	0.00	0.000	1.00				0.88	.30	2.28	L

						S	64.70	19.37	19.83	0.00	-0.46	0.00S	0.000								
PHP	AC	HHZ	67.4	327	90	P	57.14	11.81	12.21	0.00	-0.40	0.11	0.003	1.00	29	3.04	D				
PHP	AC	HHN	67.4	327	90		6	60.00	14.67	12.21	0.00	0.00	0.000	1.00				0.50	.18	2.11	L
						S	66.68	21.35	21.37	0.00	-0.02	1.38S	0.862								
TIR	AC	HHZ	87.7	283	90	P	61.08	15.75	15.70	0.00	0.05	1.38	0.243	1.00	20	2.68	D				
TIR	AC	HHN	87.7	283	90	S	72.80	27.47	27.48	0.00	-0.01	1.38S	0.654								

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	06	21	2235	10.23	41 49.97	21E 3.24	6.10	0.10	0.81	15.05	2.47	2.68	2.5

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
10	15	53.6	At1	219	11	0	8	4	10	-	4.00	0.26	L 3.00 0.41 D

21 JUN 2017, 22:35 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP><-< 15.05 0 90><-< 0.81 242 0><-< 0.32 332 0>

REGION= Maqedoni (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T						
PHP	AC	HHZ		53.6	253	90	P	20.02	9.79	9.83	0.00	-0.04	1.12			0.292	1.00	13	2.27	D					
PHP	AC	HHN		53.6	253	90		6	0.00-10.23	9.83	0.00		0.00			0.000	1.00			3.8	.23	2.80	L		
							S	26.51	16.28	17.20	0.00	-0.42	0.00S	0.000											
BCI	AC	HHZ		100.9	307	90	P	28.05	17.82	17.96	0.00	-0.14	1.12			0.701	1.00	20	2.68	D					
BCI	AC	HHE		100.9	307	90		6	0.00-10.23	17.96	0.00		0.00			0.000	1.00				0.92	.23	2.67	L	
							S	41.75	31.52	31.43	0.00	0.09	1.12S	0.678											
TIR	AC	HHZ		112.8	242	90	P	30.43	20.20	20.02	0.00	0.18	1.12			0.472	1.00	31	3.10	D					
TIR	AC	HHN		112.8	242	90		6	0.00-10.23	20.02	0.00		0.00			0.000	1.00					0.30	.47	2.27	L
							S	45.22	34.99	35.03	0.00	-0.05	1.12S	0.725											
FNA	AC	HHZ		120.0	166	90	P	31.98	21.75	21.24	0.00	0.51*	0.02			0.000									
FNA	AC	HHN		120.0	166	90	S	47.49	37.26	37.17	0.00	0.09	1.12S	0.566											
KBN	AC	HHZ		136.1	190	90	P	34.18	23.95	24.02	0.00	-0.07	1.12			0.221									
KBN	AC	HHE		136.1	190	90		6	0.00-10.23	24.02	0.00		0.00			0.000	1.00					0.16	.43	2.16	L
							S	52.20	41.97	42.03	0.00	-0.06	1.12S	0.341											

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	06	22	0213	22.93	41 11.08	20E53.86	4.66	0.19	0.55	1.73	2.34	2.68	2.4

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
17	24	60.6	At1	164	12	0	14	7	15		7.00	0.30	L 4.00 0.05 D

22 JUN 2017, 2:13 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 1.74 72 84>-< 0.55 243 5>-< 0.32 153 0>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
FNA	AC	HHZ		60.6	137	62	P		34.17	11.24	11.17	0.00	0.07	1.11		0.352						
FNA	AC	HHN		60.6	137	62	S		42.43	19.50	19.55	0.00	-0.05	1.11S		0.578						
KBN	AC	HHZ		63.0	189	62	P		34.66	11.73	11.57	0.00	0.16	1.11		0.258	1.00	20	2.68	D		
KBN	AC	HHE		63.0	189	62		6	0.00	-22.93	11.57	0.00		0.00		0.000	1.00			0.99	.50	2.34 L
							S		43.21	20.28	20.25	0.00	0.03	1.11S		0.257						
PHP	AC	HHZ		67.4	326	62	P		34.96	12.03	12.33	0.00	-0.30	1.11		0.308	1.00	20	2.68	D		
PHP	AC	HHE		67.4	326	62		6	0.00	-22.93	12.33	0.00		0.00		0.000	1.00			0.42	.36	2.04 L
							S		44.36	21.43	21.58	0.00	-0.15	1.11S		0.325						
TIR	AC	HHZ		88.4	283	62	P		38.94	16.01	15.94	0.00	0.07	1.11		0.289	1.00	18	2.58	D		
TIR	AC	HHE		88.4	283	62	S		50.96	28.03	27.89	0.00	0.14	1.11S		0.268						
TIR	AC	HHN		88.4	283	62		6	0.00	-22.93	15.94	0.00		0.00		0.000	1.00			0.51	.37	2.32 L
VLO	AC	HHZ		142.5	237	62	P		50.41	27.48	25.24	0.00	1.24*	0.00		0.000						
VLO	AC	HHE		142.5	237	62		6	60.00	37.07	25.24	0.00		0.00		0.000	1.00			0.99	.54	3.00 L
							S		67.10	44.17	44.17	0.00	0.00	1.11S		0.329						
BCI	AC	HHZ		148.3	333	55	P		49.88	26.95	26.20	0.00	0.25	0.15		0.004	1.00	29	3.04	D		
BCI	AC	HHN		148.3	333	55		6	60.00	37.07	26.20	0.00		0.00		0.000	1.00			0.78	.51	2.93 L
							S		69.05	46.12	45.85	0.00	0.27	1.11S		0.533						
SRN	AC	HHZ		163.6	208	55	P		52.16	29.23	28.64	0.00	0.49	0.57		0.042						
SRN	AC	HHE		163.6	208	55		6	60.00	37.07	28.64	0.00		0.00		0.000	1.00			0.35	.56	2.68 L
							S		72.91	49.98	50.12	0.00	-0.14	1.11S		0.365						
SCTE	AC	HHZ		239.5	240	43	P		62.85	39.92	40.21	0.00	-0.29	1.11		0.087						
SCTE	AC	HHN		239.5	240	43		6	60.00	37.07	40.21	0.00		0.00		0.000	1.00			0.04	.40	2.16 L

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	06	22	0530	1.00	41 11.21	20E54.87	1.77	0.13	0.58	1.23	2.14	2.55 2.2

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
	13	19	59.9	Atl	165	8	0	10	6	12	5.00	0.08 L	4.00 0.16 D

22 JUN 2017, 5:30 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 1.25 64 79>-< 0.59 242 10>-< 0.29 152 0>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
FNA	AC	HHZ		59.9	138	51	P		12.51	11.51	11.30	0.00	0.21	1.00		0.387						
FNA	AC	HHN		59.9	138	51	S		20.65	19.65	19.77	0.00	-0.13	1.00S		0.657						
KBN	AC	HHZ		63.5	190	51	P		12.85	11.85	11.92	0.00	-0.07	1.00		0.321	1.00	14	2.33	D		

KBN	AC	HHE	63.5	190	51	6	0.00	-1.00	11.92	0.00	0.00	0.000	1.00			0.51	.62	2.06	L
						S	21.94	20.94	20.86	0.00	0.08	1.00S	0.348						
PHP	AC	HHZ	68.0	325	51	P	13.61	12.61	12.70	0.00	-0.09	1.00	0.312	1.00	16	2.46	D		
PHP	AC	HHN	68.0	325	51	6	0.00	-1.00	12.70	0.00	0.00	0.000	1.00			0.52	.23	2.14	L
						S	23.04	22.04	22.23	0.00	-0.19	1.00S	0.371						
TIR	AC	HHZ	89.7	282	51	P	17.41	16.41	16.44	0.00	-0.03	1.00	0.341	1.00	19	2.63	D		
TIR	AC	HHN	89.7	282	51	6	0.00	-1.00	16.44	0.00	0.00	0.000	1.00			0.31	.37	2.11	L
						S	29.83	28.83	28.77	0.00	0.06	1.00S	0.381						
BCI	AC	HHZ	148.8	333	51	P	28.97	27.97	26.58	0.00	1.39*	0.00	0.000	1.00	26	2.93	D		
BCI	AC	HHE	148.8	333	51	S	47.74	46.74	46.51	0.00	0.22	1.00S	0.444						
BCI	AC	HHN	148.8	333	51	6	0.00	-1.00	26.58	0.00	0.00	0.000	1.00			0.34	.50	2.57	L
SRN	AC	HHZ	164.5	209	46	P	30.85	29.85	29.11	0.00	0.74*	0.00	0.000						
SRN	AC	HHE	164.5	209	46	6	0.00	-1.00	29.11	0.00	0.00	0.000	1.00			0.15	.60	2.32	L
						S	51.92	50.92	50.94	0.00	-0.02	1.00S	0.432						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	06	22	0907	28.09	41 12.21	20E56.12	5.73	0.37	1.31	3.56	1.75	3.01 1.8

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
11	16	60.1	At1	178	21	0	10	5	11	#	2.00	0.22 L	3.00 0.03 D

22 JUN 2017, 9:07 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 3.61 57 80>-< 1.33 234 9>-< 0.62 144 0>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
FNA	AC	HHZ		60.1	141	62	P		39.08	10.99	10.99	0.00	0.00	1.10		0.364			
FNA	AC	HHN		60.1	141	62	S		46.92	18.83	19.23	0.00	-0.40	1.10S		0.697			
KBN	AC	HHZ		65.6	192	62	P		39.55	11.46	11.92	0.00	-0.46	1.10		0.351	1.00	19	2.63 D
KBN	AC	HHN		65.6	192	62	6		0.00	-28.09	11.92	0.00	0.00	0.00		0.000	1.00		0.38 .40 1.97 L
							S		47.65	19.56	20.86	0.00	-1.30*	0.20S		0.014			
PHP	AC	HHZ		67.6	323	62	P		40.14	12.05	12.26	0.00	-0.21	1.10		0.405	1.00	28	3.01 D
PHP	AC	HHN		67.6	323	62	6		0.00	-28.09	12.26	0.00	0.00	0.00		0.000	1.00		0.13 .15 1.53 L
							S		49.52	21.43	21.45	0.00	-0.02	1.10S		0.669			
TIR	AC	HHZ		91.1	281	62	P		41.41	13.32	16.30	0.00	-2.98*	0.00		0.000	1.00	29	3.04 D
TIR	AC	HHN		91.1	281	62	S		56.16	28.07	28.52	0.00	-0.45	1.10S		0.489			
SRN	AC	HHZ		167.0	209	55	P		57.91	29.82	29.05	0.00	0.77*	0.97		0.180			
IGT	AC	HHZ		192.7	196	55	P		61.47	33.38	33.15	0.00	0.23	1.10		0.202			
IGT	AC	HHE		192.7	196	55	S		86.14	58.05	58.01	0.00	0.04	1.10S		0.622			



YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-23 0135 15.18 41 9.49 20E54.10 6.34 0.61 0.94 0.83 2.58 2.6

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 12 18 58.3 At1 162 22 0 11 5 12 # 0.00 0.00 L 5.00 0.18 D

23 JUN 2017, 1:35 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>< 6.84 196 88>< 1.94 57 1>< 0.94 326 1>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
FNA	AC	HHZ		58.3	135	90	P		25.70	10.52	10.64	0.00	-0.12	1.07		0.311	1.00	15	2.40 D
FNA	AC	HHE		58.3	135	90	S		33.18	18.00	18.62	0.00	-0.62*	1.07S		0.522			
KBN	AC	HHZ		60.1	190	90	P		26.02	10.84	10.96	0.00	-0.12	1.07		0.190	1.00	18	2.58 D
KBN	AC	HHN		60.1	190	90	S		33.56	18.38	19.18	0.00	-0.80*	1.07S		0.452			
PHP	AC	HHZ		70.0	327	90	P		26.91	11.73	12.66	0.00	-0.93*	1.04		0.243	1.00	18	2.58 D
PHP	AC	HHN		70.0	327	90	S		36.50	21.32	22.15	0.00	-0.83*	1.06S		0.413			
TIR	AC	HHZ		89.4	284	90	P		30.65	15.47	15.99	0.00	-0.52*	1.07		0.190	1.00	27	2.97 D
TIR	AC	HHE		89.4	284	90	S		43.34	28.16	27.98	0.00	0.18	1.07S		0.442			
BCI	AC	HHZ		151.1	333	68	P		42.00	26.82	26.47	0.00	0.35	1.07		0.516	1.00	32	3.13 D
BCI	AC	HHE		151.1	333	68	S		59.80	44.62	46.32	0.00	-0.70*	0.34S		0.156			
SRN	AC	HHZ		161.2	209	68	P		43.98	28.80	28.08	0.00	0.72*	1.07		0.559			
SRN	AC	HHN		161.2	209	68	S		59.71	44.53	49.14	0.00	-0.61*	0.00S		0.000			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-23 1415 12.75 41 22.85 20E 0.22 26.49 0.21 0.40 0.69 3.62 4.03 3.6

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 12 18 12.2 At1 109 9 0 10 6 12 3.00 0.02 L 4.00 0.08 D

23 JUN 2017, 14:15 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>< 0.76 9 65>< 0.60 109 4>< 0.38 202 24>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
TIR	AC	HHZ		12.2	253	153	P		18.89	6.14	5.09	0.00	0.15	0.08		0.001	1.00	85	4.32 D
TIR	AC	HHN		12.2	253	153		6	0.00	-12.75	5.09	0.00		0.00		0.000	1.00		37 .36 3.62 L
							S		21.68	8.93	8.91	0.00	0.02	1.20S		0.988			
PHP	AC	HHZ		49.7	47	110	P		22.54	9.79	9.74	0.00	0.05	1.20		0.180	1.00	65	4.07 D
PHP	AC	HHN		49.7	47	110	S		29.65	16.90	17.05	0.00	-0.15	1.20S		0.356			
BCI	AC	HHZ		109.6	2	95	P		31.88	19.13	19.10	0.00	0.03	1.20		0.240	1.00	60	3.99 D

BCI	AC	HHN	109.6	2	95	6	0.00-12.75	19.10	0.00	0.00	0.000	1.00			17	.95	4.02	L		
						S	46.32	33.57	33.42	0.00	0.15	1.20S	0.481							
FNA	AC	HHZ	133.7	119	94	P	36.63	23.88	22.93	0.00	0.45	0.23	0.009							
FNA	AC	HHN	133.7	119	94	S	52.83	40.08	40.13	0.00	-0.05	1.20S	0.645							
SRN	AC	HHZ	166.7	181	62	P	42.16	29.41	28.05	0.00	0.36	0.00	0.000	1.00	55	3.91	D			
SRN	AC	HHN	166.7	181	62	6	60.00	47.25	28.05	0.00		0.00	0.000	1.00			2.7	.50	3.60	L
						S	62.07	49.32	49.09	0.00	0.23	1.20S	0.398							
SCTE	AC	HHZ	194.3	223	56	P	44.15	31.40	31.96	0.00	-0.46	1.10	0.211							
SCTE	AC	HHN	194.3	223	56	S	68.73	55.98	55.93	0.00	0.05	1.20S	0.485							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	06	24	1341	24.28	41 12.30	20E55.63	6.10	0.14	0.57	1.35	2.53	3.07	2.6

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
12	18	60.7	Atl	168	8	0	11	6	12		5.00	0.22	L
											3.00	0.21	D

24 JUN 2017, 13:41 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.36 81 84>-< 0.57 243 5>-< 0.28 333 1>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T		
FNA	AC	HHZ		60.7	140	90	P	35.24	10.96	11.06	0.00	-0.10	1.10		0.316						
FNA	AC	HHN		60.7	140	90	S	43.58	19.30	19.35	0.00	-0.06	1.10S		0.514						
PHP	AC	HHZ		67.0	323	90	P	36.35	12.07	12.14	0.00	-0.07	1.10		0.246						
PHP	AC	HHN		67.0	323	90	6	0.00-24.28	12.14	0.00		0.00	0.000	1.00			0.79	.21	2.31	L	
						S	45.68	21.40	21.24	0.00	0.16	1.10S	0.384								
TIR	AC	HHZ		90.4	281	90	P	39.98	15.70	16.16	0.00	-0.46	0.26	0.011	1.00	24	2.86	D			
TIR	AC	HHE		90.4	281	90	6	0.00-24.28	16.16	0.00		0.00	0.000	1.00			0.42	.21	2.25	L	
						S	52.35	28.07	28.28	0.00	-0.21	1.10S	0.499								
LSK	AC	HHZ		120.4	194	90	P	45.65	21.37	21.32	0.00	0.05	1.10	0.176	1.00	38	3.30	D			
LSK	AC	HHN		120.4	194	90	6	60.00	35.72	21.32	0.00		0.00	0.000	1.00			0.69	.54	2.69	L
						S	61.44	37.16	37.31	0.00	-0.15	1.10S	0.365								
BCI	AC	HHZ		147.5	332	68	P	51.26	26.98	25.91	0.00	1.07*	0.00	0.000	1.00	30	3.07	D			
BCI	AC	HHE		147.5	332	68	6	60.00	35.72	25.91	0.00		0.00	0.000	1.00			0.66	.50	2.85	L
						S	69.56	45.28	45.34	0.00	-0.06	1.10S	0.709								
SRN	AC	HHZ		166.8	209	68	P	53.59	29.31	28.99	0.00	0.32	0.85	0.120							
SRN	AC	HHN		166.8	209	68	6	60.00	35.72	28.99	0.00		0.00	0.000	1.00			0.24	.69	2.53	L
						S	75.11	50.83	50.73	0.00	0.10	1.10S	0.654								

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
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2017-06-25 0140 0.55 41 11.78 20E55.31 4.07 0.29 1.01 2.37 2.03 2.77 2.1

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
14 21 60.3 At1 167 6 0 13 7 14 5.00 0.10 L 5.00 0.19 D

25 JUN 2017, 1:40 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 2.46 76 74>-< 1.05 256 15>-< 0.45 166 0>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
FNA	AC	HHZ		60.3	139	62	P		11.58	11.03	11.15	0.00	-0.12	1.10		0.549						
FNA	AC	HHE		60.3	139	62	S		19.34	18.79	19.51	0.00	-0.22	0.42S		0.195						
PHP	AC	HHZ		67.5	324	62	P		12.50	11.95	12.40	0.00	-0.45	1.04		0.234	1.00	18	2.58	D		
PHP	AC	HHN		67.5	324	62		6	0.00	-0.55	12.40	0.00		0.00		0.000	1.00			0.41	.28	2.03 L
							S		22.18	21.63	21.70	0.00	-0.07	1.10S		0.312						
TIR	AC	HHZ		90.1	282	62	P		16.35	15.80	16.29	0.00	-0.49	0.99		0.305	1.00	18	2.58	D		
TIR	AC	HHN		90.1	282	62		6	0.00	-0.55	16.29	0.00		0.00		0.000	1.00			0.20	.43	1.93 L
							S		28.47	27.92	28.51	0.00	-0.49	0.79S		0.293						
LSK	AC	HHZ		119.4	194	62	P		21.80	21.25	21.31	0.00	-0.06	1.10		0.253	1.00	22	2.77	D		
LSK	AC	HHN		119.4	194	62		6	0.00	-0.55	21.31	0.00		0.00		0.000	1.00			0.27	.57	2.27 L
							S		37.61	37.06	37.29	0.00	-0.23	1.10S		0.268						
BCI	AC	HHZ		148.1	332	55	P		26.79	26.24	26.23	0.00	0.01	1.10		0.203	1.00	27	2.97	D		
BCI	AC	HHN		148.1	332	55		6	0.00	-0.55	26.23	0.00		0.00		0.000	1.00			0.15	.41	2.21 L
							S		46.30	45.75	45.90	0.00	-0.15	1.10S		0.558						
SRN	AC	HHZ		165.7	209	55	P		29.69	29.14	29.04	0.00	0.10	1.10		0.167	1.00	27	2.97	D		
SRN	AC	HHN		165.7	209	55		6	0.00	-0.55	29.04	0.00		0.00		0.000	1.00			0.07	.72	1.99 L
							S		51.43	50.88	50.82	0.00	0.06	1.10S		0.370						
IGT	AC	HHZ		191.6	196	55	P		34.99	34.44	33.16	0.00	1.28*	0.00		0.000						
IGT	AC	HHN		191.6	196	55		S	58.07	57.52	58.03	0.00	-0.51*	0.96S		0.286						

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YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-06-26 1146 56.01 41 9.80 20E52.24 3.19 0.09 0.79 2.16 4.05 3.91 4.0

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
10 15 60.5 At1 160 14 0 9 5 10 3.00 0.00 L 3.00 0.07 D

26 JUN 2017, 11:47 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 2.20 65 79>-< 0.81 249 10>-< 0.33 159 0>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
FNA	AC	HHZ		60.5	134	62	P		67.63	11.62	11.28	0.00	0.34	1.08		0.460			
FNA	AC	HHN		60.5	134	62	S		75.55	19.54	19.74	0.00	-0.20	1.10S		0.791			
PHP	AC	HHZ		68.1	329	62	P		68.40	12.39	12.59	0.00	-0.20	1.10		0.444	1.00	72	3.91 D
PHP	AC	HHN		68.1	329	62	S	6	60.00	3.99	12.59	0.00		0.00		0.000	1.00		17 .36 3.66 L
									78.12	22.11	22.03	0.00	0.08	1.10S		0.356			
LSK	AC	HHZ		114.9	192	62	P		77.31	21.30	20.62	0.00	0.48	0.24		0.031	1.00	77	3.98 D
LSK	AC	HHN		114.9	192	62	S	6	60.00	3.99	20.62	0.00		0.00		0.000	1.00		17 .60 4.05 L
									92.16	36.15	36.08	0.00	0.06	1.10S		0.519			
BCI	AC	HHZ		149.4	334	55	P		82.37	26.36	26.54	0.00	-0.18	1.10		0.263	1.00	51	3.58 D
BCI	AC	HHN		149.4	334	55	S	6	60.00	3.99	26.54	0.00		0.00		0.000	1.00		10 .66 4.05 L
									102.61	46.60	46.44	0.00	0.16	1.10S		0.596			
IGT	AC	HHN		186.9	195	55	S		112.84	56.83	56.91	0.00	-0.08	1.10S		0.537			
IGT	AC	HHZ		186.9	195	55	P		90.73	34.72	32.52	0.00	0.20	0.00		0.000			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	06	27	0351	11.56	38 7.24	20E18.51	23.49	0.35	8.92	4.25	4.34	4.31 4.4

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
16	24	80.2	At1	331	21	0	14	6	16	#	2.00	0.24 L	3.00 0.03 D

27 JUN 2017, 3:51 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>< 9.34 101 17>< 4.98 6 17>< 4.69 233 64>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
LKD2	AC	HHZ		80.2	22	90	P		26.52	14.96	14.36	0.00	0.40	1.07		0.336			
LKD2	AC	HHN		80.2	22	90	S		35.92	24.36	25.13	0.00	-0.27	1.07S		0.667			
IGT	AC	HHZ		156.6	0	90	P		39.01	27.45	26.55	0.00	0.30	1.07		0.297			
IGT	AC	HHN		156.6	0	90	S		57.69	46.13	46.46	0.00	-0.33	1.07S		0.622			
SRN	AC	HHZ		197.1	353	62	P		43.42	31.86	32.59	0.00	-0.43	1.07		0.185	1.00	87	4.31 D
SRN	AC	HHN		197.1	353	62	S	6	60.00	48.44	32.59	0.00		0.00		0.000	1.00		5.6 .50 4.10 L
									70.14	58.58	57.03	0.00	0.35	1.06S		0.383			
LSK	AC	HHZ		226.7	6	56	P		48.80	37.24	36.51	0.00	0.13	1.07		0.165	1.00	85	4.28 D
LSK	AC	HHN		226.7	6	56	S	6	60.00	48.44	36.51	0.00		0.00		0.000	1.00		12 .75 4.58 L
									75.52	63.96	63.89	0.00	0.07	1.07S		0.328			
KBN	AC	HHZ		280.9	8	56	P		56.70	45.14	43.68	0.00	0.46	1.07		0.176	1.00	102	4.46 D
KBN	AC	HHN		280.9	8	56	S		88.29	76.73	76.44	0.00	0.29	1.07S		0.359			
TIR	AC	HHZ		360.3	355	56	P		64.74	53.18	54.18	0.00	-0.10	1.07		0.177			
TIR	AC	HHN		360.3	355	56	S		103.66	92.10	94.82	0.00	-0.22	0.58S		0.098			
PHP	AC	HHZ		395.9	1	56	P		69.39	57.83	58.89	0.00	-0.16	1.07		0.156			
PHP	AC	HHN		395.9	1	56	S		108.57	97.01	103.06	0.00	-0.35	0.00S		0.000			

BCI AC HHZ 471.9 358 56 P 77.78 66.22 68.95 0.00 -0.13 0.57 0.045  
 BCI AC HHN 471.9 358 56 S 127.12115.56120.66 0.00 -0.40 0.00S 0.000

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-27 2126 55.01 41 12.47 20E56.39 7.14 0.28 0.93 0.03 2.73 2.7

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 12 18 60.3 At1 170 10 0 11 6 12 0.00 0.00 L 5.00 0.15 D

27 JUN 2017, 21:26 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.06 62 80>-< 0.94 237 9>-< 0.46 147 0>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
FNA	AC	HHZ		60.3	141	91	P		65.99	10.98	11.00	0.00	-0.02	1.10		0.322	1.00	18	2.58 D
FNA	AC	HHN		60.3	141	91	S		74.08	19.07	19.25	0.00	-0.18	1.10S		0.524			
KBN	AC	HHZ		66.1	192	91	P		67.51	12.50	12.00	0.00	0.50*	1.04		0.205	1.00	21	2.73 D
KBN	AC	HHN		66.1	192	91	S		75.04	20.03	21.00	0.00	-0.97*	0.13S		0.007			
PHP	AC	HHZ		67.4	322	91	P		67.01	12.00	12.22	0.00	-0.22	1.10		0.226	1.00	22	2.77 D
PHP	AC	HHN		67.4	322	91	S		76.69	21.68	21.38	0.00	0.29	1.10S		0.358			
TIR	AC	HHZ		91.4	281	90	P		70.83	15.82	16.33	0.00	-0.51*	1.03		0.175	1.00	18	2.58 D
TIR	AC	HHN		91.4	281	90	S		83.61	28.60	28.58	0.00	0.02	1.10S		0.499			
BCI	AC	HHZ		147.7	331	68	P		82.86	27.85	25.89	0.00	0.96*	0.00		0.000			
BCI	AC	HHN		147.7	331	68	S		100.31	45.30	45.31	0.00	-0.01	1.10S		0.810			
SRN	AC	HHZ		167.6	209	68	P		84.39	29.38	29.05	0.00	0.33	1.10		0.210	1.00	31	3.11 D
SRN	AC	HHN		167.6	209	68	S		105.65	50.64	50.84	0.00	-0.20	1.10S		0.660			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-28 1129 11.05 41 10.60 20E53.90 5.19 0.15 0.87 2.40 2.59 2.6

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 12 17 59.9 At1 163 11 0 8 3 10 4.00 0.14 L 0.00 0.00 D

28 JUN 2017, 11:29 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.40 308 88>-< 0.87 61 0>-< 0.36 151 1>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
FNA	AC	HHZ		59.9	136	62	P		22.07	11.02	11.00	0.00	0.02	1.00		0.471			

FNA	AC	HHN	59.9	136	62	S	30.24	19.19	19.25	0.00	-0.06	1.00S	0.729							
KBN	AC	HHZ	62.1	189	62	P	22.64	11.59	11.37	0.00	0.22	1.00	0.368							
KBN	AC	HHN	62.1	189	62	S	30.87	19.82	19.90	0.00	-0.08	1.00S	0.789							
KBN	AC	HHE	62.1	189	62		6	0.00	-11.05	11.37	0.00	0.00	0.000	1.00			2.7	.41	2.76	L
PHP	AC	HHZ	68.2	327	62	P	23.17	12.12	12.41	0.00	-0.29	0.98	0.293							
PHP	AC	HHN	68.2	327	62		6	0.00	-11.05	12.41	0.00	0.00	0.000	1.00			1.1	.34	2.46	L
						S	32.87	21.82	21.72	0.00	0.10	1.00S	0.718							
TIR	AC	HHZ	88.7	283	62	P	26.92	15.87	15.93	0.00	-0.06	1.00	0.381							
TIR	AC	HHN	88.7	283	62	S	37.84	26.79	27.88	0.00	-1.09*	0.00S	0.000							
TIR	AC	HHE	88.7	283	62		6	0.00	-11.05	15.93	0.00	0.00	0.000	1.00			0.68	.43	2.45	L
BCI	AC	HHZ	149.1	333	55	P	37.46	26.41	26.27	0.00	0.14	1.00	0.247							
BCI	AC	HHE	149.1	333	55		6	0.00	-11.05	26.27	0.00	0.00	0.000	1.00			0.46	.46	2.71	L
						S	57.75	46.70	45.97	0.00	0.73*	0.00S	0.000							

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-28 0013 53.85 42 44.59 18E28.18 0.00 0.18 0.99 0.50 3.39 3.4

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 6 9 137.7 At1 325 6 0 6 3 6 - 0.00 0.00 L 2.00 0.10 D

28 JUN 2017, 0:13 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 17.32 319 46>-< 1.63 227 2>-< 1.17 136 43>

REGION= Hercegovina (Hercegovina)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
BCI	AC	HHZ	137.7	107	51	P	78.51	24.66	24.93	0.00	-0.27	0.91	0.458	1.00	38	3.29	D					
BCI	AC	HHN	137.7	107	51	S	97.74	43.89	43.63	0.00	0.26	0.97S	0.846									
TIR	AC	HHZ	193.3	142	46	P	88.12	34.27	33.97	0.00	0.30	0.79	0.363									
TIR	AC	HHN	193.3	142	46	S	113.27	59.42	59.45	0.00	-0.03	1.11S	0.893									
PHP	AC	HHZ	200.8	125	46	P	88.97	35.12	35.17	0.00	-0.05	1.11	0.576	1.00	46	3.48	D					
PHP	AC	HHN	200.8	125	46	S	115.31	61.46	61.55	0.00	-0.09	1.11S	0.861									

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-28 0152 39.98 41 12.10 20E59.32 6.58 0.78 0.80 0.17 3.25 3.3

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 19 28 57.3 At1 174 16 0 19 9 19 0.00 0.00 L 6.00 0.18 D

28 JUN 2017, 1:52 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 4.21 93 82>-< 1.81 250 7>-< 1.03 341 2>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
FNA	AC	HHZ		57.3	144	90	P		51.01	11.03	10.47	0.00	0.56*	1.10		0.273			
FNA	AC	HHN		57.3	144	90	S		58.73	18.75	18.32	0.00	0.43	1.10S		0.456			
KBN	AC	HHZ		66.4	195	90	P		51.31	11.33	12.03	0.00	-0.70*	1.10		0.101	1.00	36	3.25 D
KBN	AC	HHN		66.4	195	90	S		60.09	20.11	21.05	0.00	-0.94*	1.09S		0.182			
PHP	AC	HHZ		70.5	320	90	P		51.97	11.99	12.75	0.00	-0.76*	1.10		0.196	1.00	30	3.07 D
PHP	AC	HHN		70.5	320	90	S		61.96	21.98	22.31	0.00	-0.33	1.10S		0.328			
TIR	AC	HHZ		95.5	281	90	P		55.77	15.79	17.04	0.00	-0.25*	0.86		0.089	1.00	27	2.97 D
TIR	AC	HHN		95.5	281	90	S		68.26	28.28	29.82	0.00	-0.54*	0.50S		0.072			
LSK	AC	HHZ		121.4	196	90	P		60.91	20.93	21.48	0.00	-0.55*	1.10		0.100	1.00	48	3.53 D
LSK	AC	HHE		121.4	196	90	S		76.44	36.46	37.59	0.00	-0.13*	0.98S		0.148			
BPA1	AC	HHZ		124.1	246	90	P		62.75	22.77	21.96	0.00	0.81*	1.10		0.121			
BPA1	AC	HHE		124.1	246	90	S		79.61	39.63	38.43	0.00	0.20*	0.91S		0.236			
BPA2	AC	HHZ		126.7	247	90	P		62.87	22.89	22.39	0.00	0.50	1.10		0.122			
VLO	AC	HHZ		150.0	238	68	P		67.85	27.87	26.28	0.00	0.59*	0.43		0.015	1.00	36	3.25 D
VLO	AC	HHN		150.0	238	68	S		86.77	46.79	45.99	0.00	0.80*	1.10S		0.371			
BCI	AC	HHZ		150.4	330	68	P		67.28	27.30	26.34	0.00	0.96*	1.08		0.218	1.00	43	3.42 D
BCI	AC	HHN		150.4	330	68	S		85.42	45.44	46.10	0.00	-0.66*	1.10S		0.470			
SRN	AC	HHZ		169.0	211	68	P		68.88	28.90	29.31	0.00	-0.41	1.10		0.117			
SRN	AC	HHN		169.0	211	68	S		90.74	50.76	51.29	0.00	-0.53*	1.10S		0.376			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	06	28	0402	12.56	41 9.74	20E53.58	5.75	0.01	0.68	0.05	2.49	2.5

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
6	9	59.1	At1	167	9	0	5	3	6		0.00	0.00	L 2.00 0.03 D

28 JUN 2017, 4:02 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 2.05 114 87>-< 0.68 242 1>-< 0.32 332 1>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
FNA	AC	HHZ		59.1	135	62	P		23.47	10.91	10.89	0.00	0.02	1.00		0.623			
FNA	AC	HHN		59.1	135	62	S		31.62	19.06	19.06	0.00	0.00	1.00S		0.876			
KBN	AC	HHZ		60.5	189	62	P		23.68	11.12	11.13	0.00	-0.01	1.00		0.623	1.00	16	2.46 D
KBN	AC	HHE		60.5	189	62	S		32.05	19.49	19.48	0.00	0.01	1.00S		0.876			
PHP	AC	HHZ		69.2	328	62	P		24.59	12.03	12.64	0.00	-0.61*	0.00		0.000	1.00	17	2.52 D
PHP	AC	HHN		69.2	328	62	S		34.68	22.12	22.12	0.00	0.00	1.00S		0.999			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-28 0730 56.85 41 10.40 20E55.31 3.77 0.31 0.98 2.62 2.35 2.4

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 13 18 58.3 At1 165 14 0 8 5 10 4.00 0.01 L 0.00 0.00 D

28 JUN 2017, 7:30 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.63 107 88>-< 0.98 235 1>-< 0.44 327 1>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T		
FNA	AC	HHZ		58.3	138	62	P		68.20	11.35	10.85	0.00	0.50	1.21		0.452					
FNA	AC	HHN		58.3	138	62	S		75.51	18.66	18.99	0.00	-0.33	1.24S		0.637					
KBN	AC	HHZ		62.1	191	62	P		69.47	12.62	11.50	0.00	1.12*	0.04		0.000					
KBN	AC	HHN		62.1	191	62	S		76.94	20.09	20.13	0.00	-0.04	1.24S		0.663					
KBN	AC	HHE		62.1	191	62		6	60.00	3.15	11.50	0.00		0.00		0.000	1.00	1.0	.46	2.34	L
PHP	AC	HHZ		69.6	325	62	P		69.40	12.55	12.78	0.00	-0.23	1.24		0.410					
PHP	AC	HHN		69.6	325	62		6	60.00	3.15	12.78	0.00		0.00		0.000	1.00	0.81	.15	2.36	L
									78.81	21.96	22.36	0.00	-0.41	1.24S		0.332					
TIR	AC	HHZ		90.7	283	62	P		73.22	16.37	16.40	0.00	-0.03	1.24		0.407					
TIR	AC	HHN		90.7	283	62	S		85.67	28.82	28.70	0.00	0.12	1.24S		0.492					
TIR	AC	HHE		90.7	283	62		6	60.00	3.15	16.40	0.00		0.00		0.000	1.00	0.28	.15	2.08	L
BCI	AC	HHZ		150.4	333	55	P		84.56	27.71	26.62	0.00	1.09*	0.06		0.000					
BCI	AC	HHE		150.4	333	55	S		103.86	47.01	46.58	0.00	0.43	1.24S		0.601					
BCI	AC	HHN		150.4	333	55		6	60.00	3.15	26.62	0.00		0.00		0.000	1.00	0.20	.47	2.35	L

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-28 1117 12.01 41 11.03 20E55.96 5.84 0.08 0.60 1.77 2.23 2.3

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 11 16 58.6 At1 167 15 0 8 5 10 2.00 0.07 L 0.00 0.00 D

28 JUN 2017, 11:17 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.78 73 83>-< 0.60 237 5>-< 0.27 327 1>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
FNA	AC	HHZ		58.6	139	62	P		22.76	10.75	10.71	0.00	0.04	1.00		0.464			
FNA	AC	HHE		58.6	139	62	S		30.67	18.66	18.74	0.00	-0.08	1.00S		0.674			



KBN	AC	HHZ	63.4	192	62	P	24.19	12.18	11.53	0.00	0.65*	0.00	0.000						
KBN	AC	HHN	63.4	192	62	S	32.10	20.09	20.18	0.00	-0.09	1.00S	0.661						
KBN	AC	HHE	63.4	192	62		6	0.00	-12.01	11.53	0.00	0.00	0.000	1.00		0.89	.40	2.30	L
PHP	AC	HHZ	69.2	324	62	P	24.42	12.41	12.53	0.00	-0.12	1.00	0.441						
PHP	AC	HHN	69.2	324	62		6	0.00	-12.01	12.53	0.00	0.00	0.000	1.00		0.52	.23	2.16	L
						S	33.83	21.82	21.93	0.00	-0.11	1.00S	0.302						
TIR	AC	HHZ	91.3	282	62	P	27.93	15.92	16.33	0.00	-0.41	0.00	0.000						
TIR	AC	HHE	91.3	282	62	S	40.59	28.58	28.58	0.00	0.00	1.00S	0.559						
BCI	AC	HHZ	149.8	332	55	P	38.39	26.38	26.30	0.00	0.08	1.00	0.267						
BCI	AC	HHE	149.8	332	55	S	58.00	45.99	46.02	0.00	-0.03	1.00S	0.628						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	06	28	1205	45.58	42 27.73	18E11.68	34.36	0.80	5.66	11.66	3.13	4.33	3.2

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
	21	26	154.5	At1	203	11	0	15	4	16	5.00	0.30 L	2.00 0.05 D

28 JUN 2017, 12:05 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 12.96 351 64>-< 3.53 180 25>-< 2.10 88 3>

REGION= Kroaci (Croatia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
BCI	AC	HHZ	154.5	93	66	P		71.55	25.97	25.80	0.00	0.17	1.11	0.457	1.00	71	4.28	D				
BCI	AC	HHN	154.5	93	66	S		94.50	48.92	45.15	0.00	3.77*	0.00S	0.000								
BCI	AC	HHE	154.5	93	66		6	60.00	14.42	25.80	0.00	0.00	0.000	1.00					3.4	.25	3.63	L
TIR	AC	HHZ	185.8	131	58	P		77.97	32.39	30.17	0.00	2.22*	0.29	0.008	1.00	79	4.38	D				
TIR	AC	HHN	185.8	131	58	S		99.73	54.15	52.80	0.00	1.35*	1.03S	0.293								
TIR	AC	HHE	185.8	131	58		6	60.00	14.42	30.17	0.00	0.00	0.000	1.00					0.68	.43	3.13	L
PHP	AC	HHZ	205.0	114	58	P		80.37	34.79	32.71	0.00	2.08*	0.41	0.030								
PHP	AC	HHN	205.0	114	58		6	60.00	14.42	32.71	0.00	0.00	0.000	1.00					1.3	.28	3.52	L
NOCI	AC	HHZ	208.4	208	58	P		79.17	33.59	33.15	0.00	0.44	1.11	0.213								
NOCI	AC	HHN	208.4	208	58	S		104.10	58.52	58.01	0.00	0.51*	1.11S	0.566								
SGRT	AC	HHZ	216.3	250	58	P		79.33	33.75	34.20	0.00	-0.45	1.11	0.699								
SCTE	AC	HHZ	265.8	174	58	P		86.68	41.10	40.75	0.00	0.35	1.11	0.214								
SCTE	AC	HHE	265.8	174	58		6	60.00	14.42	40.75	0.00	0.00	0.000	1.00					0.14	.23	2.83	L
SRN	AC	HHZ	324.3	151	58	P		93.95	48.37	48.50	0.00	-0.13	1.11	0.160								
SRN	AC	HHN	324.3	151	58		6	120.00	74.42	48.50	0.00	0.00	0.000	1.00					0.10	.18	2.90	L
FNA	AC	HHZ	324.8	124	58	P		95.37	49.79	48.56	0.00	1.23*	1.08	0.137								
FNA	AC	HHN	324.8	124	58	S		129.86	84.28	84.98	0.00	-0.70*	1.11S	0.452								
LSK	AC	HHZ	326.3	141	58	P		93.63	48.05	48.76	0.00	-0.71*	1.11	0.134								
IGT	AC	HHZ	371.8	150	58	P		99.52	53.94	54.77	0.00	-0.83*	1.11	0.157								
IGT	AC	HHN	371.8	150	58	S		140.77	95.19	95.85	0.00	-0.66*	1.11S	0.324								

LKD2 AC HHZ 458.1 152 58 P 110.51 64.93 66.18 0.00 -1.25\* 1.07 0.150

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-06-28 1336 41.09 41 8.56 20E52.88 5.97 0.31 0.84 2.28 2.82 2.90 2.9

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
16 23 58.2 At1 159 21 0 14 7 16 # 5.00 0.10 L 5.00 0.08 D

28 JUN 2017, 13:36 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 2.29 73 85>-< 0.84 244 4>-< 0.43 154 0>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T	
KBN	AC	HHZ		58.2	188	62	P		51.72	10.63	10.63	0.00	0.00	1.17		0.225	1.00	23		2.82	D		
KBN	AC	HHN		58.2	188	62		6	0.00	-41.09	10.63	0.00		0.00		0.000	1.00			2.6	.50	2.69	L
							S		59.68	18.59	18.60	0.00	-0.01	1.17S		0.239							
FNA	AC	HHZ		58.3	133	62	P		51.38	10.29	10.64	0.00	-0.35	1.17		0.355							
FNA	AC	HHN		58.3	133	62		S	59.54	18.45	18.62	0.00	-0.17	1.17S		0.586							
PHP	AC	HHZ		70.6	329	62	P		52.47	11.38	12.76	0.00	-0.38	0.00		0.000	1.00	23		2.82	D		
PHP	AC	HHN		70.6	329	62		6	60.00	18.91	12.76	0.00		0.00		0.000	1.00			2.4	.23	2.84	L
							S		62.63	21.54	22.33	0.00	-0.79*	0.73S		0.150							
TIR	AC	HHZ		88.2	286	62	P		56.53	15.44	15.78	0.00	-0.34	1.17		0.302	1.00	25		2.90	D		
TIR	AC	HHN		88.2	286	62		6	60.00	18.91	15.78	0.00		0.00		0.000	1.00			1.3	.21	2.72	L
							S		68.33	27.24	27.61	0.00	-0.37	1.17S		0.366							
LSK	AC	HHZ		112.8	193	62	P		61.33	20.24	20.01	0.00	0.23	1.17		0.229	1.00	25		2.90	D		
LSK	AC	HHE		112.8	193	62		6	60.00	18.91	20.01	0.00		0.00		0.000	1.00			1.0	.63	2.82	L
							S		76.16	35.07	35.02	0.00	0.05	1.17S		0.253							
BCI	AC	HHZ		151.9	334	55	P		68.08	26.99	26.62	0.00	0.37	1.17		0.254	1.00	30		3.07	D		
BCI	AC	HHN		151.9	334	55		6	60.00	18.91	26.62	0.00		0.00		0.000	1.00			0.89	.72	3.01	L
							S		87.90	46.81	46.58	0.00	0.23	1.17S		0.562							
SRN	AC	HHZ		158.8	209	55	P		69.88	28.79	27.73	0.00	1.06*	0.16		0.002							
IGT	AC	HHZ		184.9	195	55	P		74.10	33.01	31.90	0.00	1.11*	0.10		0.000							
IGT	AC	HHN		184.9	195	55		S	96.67	55.58	55.83	0.00	-0.25	1.17S		0.371							
SCTE	AC	HHZ		236.0	241	43	P		81.15	40.06	39.56	0.00	0.50*	1.15		0.098							

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-06-28 1345 1.44 41 10.99 20E54.18 2.92 0.25 0.78 1.83 2.50 2.73 2.5

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
17 25 60.2 At1 164 10 0 15 8 16 5.00 0.10 L 5.00 0.10 D

28 JUN 2017, 13:45 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.91 75 73>-< 0.81 254 16>-< 0.34 164 0>

REGION=Macedonia Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
FNA	AC	HHZ		60.2	137	62	P		12.74	11.30	11.25	0.00	0.05	1.18		0.523						
FNA	AC	HHE		60.2	137	62	S		20.14	18.70	19.69	0.00	-0.29	0.77S		0.066						
KBN	AC	HHZ		62.9	189	62	P		13.15	11.71	11.71	0.00	0.00	1.18		0.214	1.00	21	2.73	D		
KBN	AC	HHE		62.9	189	62	S		21.76	20.32	20.49	0.00	-0.17	1.18S		0.205						
KBN	AC	HHN		62.9	189	62		6	0.00	-1.44	11.71	0.00		0.00		0.000	1.00			1.1	.51	2.40 L
PHP	AC	HHZ		67.8	326	62	P		13.74	12.30	12.55	0.00	-0.25	1.18		0.264	1.00	20	2.68	D		
PHP	AC	HHE		67.8	326	62		6	0.00	-1.44	12.55	0.00		0.00		0.000	1.00			0.22	.25	1.76 L
							S		23.15	21.71	21.96	0.00	-0.25	1.18S		0.320						
TIR	AC	HHZ		88.9	283	62	P		17.60	16.16	16.17	0.00	-0.01	1.18		0.331	1.00	19	2.63	D		
TIR	AC	HHN		88.9	283	62	S		29.79	28.35	28.30	0.00	0.05	1.18S		0.465						
LSK	AC	HHZ		117.6	193	62	P		22.92	21.48	21.11	0.00	0.37	1.18		0.216	1.00	29	3.04	D		
LSK	AC	HHN		117.6	193	62		6	0.00	-1.44	21.11	0.00		0.00		0.000	1.00			0.58	.51	2.59 L
							S		37.95	36.51	36.94	0.00	-0.43	1.18S		0.202						
BCI	AC	HHZ		148.7	333	55	P		28.80	27.36	26.45	0.00	0.91*	0.42		0.028	1.00	25	2.89	D		
BCI	AC	HHE		148.7	333	55		6	0.00	-1.44	26.45	0.00		0.00		0.000	1.00			0.42	.54	2.66 L
							S		47.91	46.47	46.29	0.00	0.18	1.18S		0.574						
SRN	AC	HHZ		163.7	209	55	P		31.36	29.92	28.84	0.00	1.08*	0.11		0.001						
SRN	AC	HHN		163.7	209	55		6	0.00	-1.44	28.84	0.00		0.00		0.000	1.00			0.23	.66	2.50 L
							S		52.12	50.68	50.47	0.00	0.21	1.18S		0.288						
IGT	AC	HHZ		189.8	196	55	P		36.20	34.76	33.00	0.00	1.76*	0.00		0.000						
IGT	AC	HHN		189.8	196	55	S		59.29	57.85	57.75	0.00	0.10	1.18S		0.294						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-28 1758 20.60 41 10.15 20E53.10 7.04 0.17 0.61 1.31 2.65 2.94 2.7

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 16 24 60.1 At1 161 10 0 14 8 16 6.00 0.19 L 5.00 0.08 D

28 JUN 2017, 17:58 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.33 77 80>-< 0.62 248 9>-< 0.31 339 1>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
FNA	AC	HHZ		60.1	135	91	P		31.59	10.99	10.97	0.00	0.02	1.06		0.305						
FNA	AC	HHN		60.1	135	91	S		39.70	19.10	19.20	0.00	-0.10	1.06S		0.532						

KBN	AC	HHZ	61.1	188	91	P		31.91	11.31	11.14	0.00	0.17	1.06		0.122	1.00	24	2.86	D					
KBN	AC	HHE	61.1	188	91		6	0.00-20.60	11.14	0.00			0.00		0.000	1.00					2.6	.60	2.74	L
							S	40.07	19.47	19.49	0.00	-0.02	1.06S		0.232									
PHP	AC	HHZ	68.2	328	91	P		32.58	11.98	12.37	0.00	-0.39	0.65		0.092	1.00	23	2.82	D					
PHP	AC	HHN	68.2	328	91		6	0.00-20.60	12.37	0.00			0.00		0.000	1.00					1.0	.14	2.44	L
							S	42.41	21.81	21.65	0.00	0.16	1.06S		0.398									
TIR	AC	HHZ	87.7	284	90	P		36.30	15.70	15.70	0.00	0.00	1.06		0.210	1.00	27	2.97	D					
TIR	AC	HHE	87.7	284	90		6	0.00-20.60	15.70	0.00			0.00		0.000	1.00					0.43	.43	2.24	L
							S	47.72	27.12	27.48	0.00	-0.36	0.79S		0.281									
LSK	AC	HHZ	115.8	193	90	P		41.37	20.77	20.52	0.00	0.25	1.04		0.112	1.00	26	2.94	D					
LSK	AC	HHN	115.8	193	90		6	0.00-20.60	20.52	0.00			0.00		0.000	1.00					1.0	.87	2.82	L
							S	56.39	35.79	35.91	0.00	-0.12	1.06S		0.240									
BCI	AC	HHZ	149.4	334	68	P		47.55	26.95	26.15	0.00	0.80*	0.00		0.000	1.00	30	3.07	D					
BCI	AC	HHE	149.4	334	68		6	60.00	39.40	26.15	0.00		0.00		0.000	1.00					0.79	.51	2.94	L
							S	66.34	45.74	45.76	0.00	-0.02	1.06S		0.623									
SRN	AC	HHZ	161.6	208	68	P		48.65	28.05	28.10	0.00	-0.05	1.06		0.129									
SRN	AC	HHN	161.6	208	68		6	60.00	39.40	28.10	0.00		0.00		0.000	1.00					0.27	.80	2.55	L
							S	70.08	49.48	49.17	0.00	0.31	0.93S		0.320									
IGT	AC	HHZ	187.9	195	68	P		53.63	33.03	32.29	0.00	0.74*	0.00		0.000									
IGT	AC	HHN	187.9	195	68		S	76.90	56.30	56.51	0.00	-0.21	1.06S		0.396									

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	SOURCE			
NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
2017-06-28	1820	47.27	41	10.44	20E54.69	7.37	0.38	0.99	2.13	2.57	2.88	2.6				
16	24	59.0	Atl	164	20	0	15	8	16		6.00	0.17	L	4.00	0.02	D

28 JUN 2017, 18:20 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 2.16 73 81>-< 1.00 248 8>-< 0.50 158 0>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T				
FNA	AC	HHZ	59.0	137	91	P		58.27	11.00	10.77	0.00	0.23	1.12		0.291								
FNA	AC	HHN	59.0	137	91		S	65.99	18.72	18.85	0.00	-0.13	1.12S		0.495								
KBN	AC	HHZ	62.0	190	91	P		58.84	11.57	11.29	0.00	0.28	1.12		0.120	1.00	24	2.86	D				
KBN	AC	HHN	62.0	190	91		6	60.00	12.73	11.29	0.00		0.00		0.000	1.00				1.6	.63	2.55	L
							S	66.65	19.38	19.76	0.00	-0.38	1.12S		0.233								
PHP	AC	HHZ	69.0	326	91	P		59.56	12.29	12.50	0.00	-0.21	1.12		0.211	1.00	26	2.94	D				
PHP	AC	HHN	69.0	326	91		6	60.00	12.73	12.50	0.00		0.00		0.000	1.00				0.77	.18	2.33	L
							S	69.19	21.92	21.88	0.00	0.04	1.12S		0.339								
TIR	AC	HHZ	89.8	283	90	P		62.52	15.25	16.08	0.00	-0.83*	0.72		0.074	1.00	25	2.90	D				
TIR	AC	HHE	89.8	283	90		6	60.00	12.73	16.08	0.00		0.00		0.000	1.00				0.53	.37	2.35	L

STATION	COMP	DEPTH	CR	DIST	AZM	AN	P/S	WT	SEC	TOBS	-TCAL	-DLY	=RES	WT	SR	INFO	CAL	DUR	-W-FMAG-T	AMP	-PER-W-XMAG-T		
LSK	AC	HHZ	116.8	194	90		P		75.63	28.36	28.14	0.00	0.22	1.12S		0.440							
LSK	AC	HHZ	116.8	194	90		P		68.48	21.21	20.69	0.00	0.52*	1.11		0.111	1.00	24		2.86	D		
LSK	AC	HHN	116.8	194	90		P	6	60.00	12.73	20.69	0.00		0.00		0.000	1.00			0.76	.37	2.71	L
BCI	AC	HHZ	149.9	333	68		P		83.00	35.73	36.21	0.00	-0.48	1.12S		0.230							
BCI	AC	HHZ	149.9	333	68		P		74.50	27.23	26.22	0.00	1.01*	0.33		0.024							
BCI	AC	HHN	149.9	333	68		P	6	60.00	12.73	26.22	0.00		0.00		0.000	1.00			0.34	.47	2.58	L
SRN	AC	HHZ	163.1	209	68		P		92.84	45.57	45.88	0.00	-0.32	1.12S		0.604							
SRN	AC	HHZ	163.1	209	68		P		76.48	29.21	28.32	0.00	0.89*	0.57		0.034							
SRN	AC	HHE	163.1	209	68		P	6	60.00	12.73	28.32	0.00		0.00		0.000	1.00			0.42	.83	2.76	L
IGT	AC	HHZ	189.0	196	68		P		97.24	49.97	49.56	0.00	0.41	1.12S		0.400							
IGT	AC	HHZ	189.0	196	68		P		81.25	33.98	32.45	0.00	1.53*	0.00		0.000							
IGT	AC	HHN	189.0	196	68		P	S	103.70	56.43	56.79	0.00	-0.36	1.12S		0.387							

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-28 1852 45.33 41 11.17 20E54.45 7.44 0.23 0.58 1.22 3.47 3.28 3.5

SOURCE  
 NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMD-T L F X  
 17 25 60.2 At1 165 14 0 14 7 17 6.00 0.09 L 5.00 0.02 D

28 JUN 2017, 18:52 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.23 65 80>-< 0.59 245 9>-< 0.30 155 0>

REGION= Macedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	-W-FMAG-T	AMP	-PER-W-XMAG-T		
FNA	AC	HHZ	60.2	138	91		P		56.45	11.12	10.98	0.00	0.14	1.29		0.288							
FNA	AC	HHE	60.2	138	91		P		64.46	19.13	19.22	0.00	-0.08	1.29S		0.493							
KBN	AC	HHZ	63.3	190	91		P		56.89	11.56	11.51	0.00	0.05	1.29		0.165	1.00	38		3.30	D		
KBN	AC	HHN	63.3	190	91		P	6	60.00	14.67	11.51	0.00		0.00		0.000	1.00			12	.56	3.45	L
PHP	AC	HHZ	67.7	325	91		P		64.73	19.40	20.14	0.00	-0.74*	0.63S		0.081							
PHP	AC	HHZ	67.7	325	91		P		57.49	12.16	12.27	0.00	-0.11	1.29		0.181	1.00	37		3.28	D		
PHP	AC	HHN	67.7	325	91		P	6	60.00	14.67	12.27	0.00		0.00		0.000	1.00			4.3	.36	3.05	L
TIR	AC	HHZ	89.2	282	91		P		66.82	21.49	21.47	0.00	0.02	1.29S		0.295							
TIR	AC	HHZ	89.2	282	91		P		61.30	15.97	15.97	0.00	0.00	1.29		0.173	1.00	42		3.40	D		
TIR	AC	HHN	89.2	282	91		P	6	60.00	14.67	15.97	0.00		0.00		0.000	1.00			3.8	.50	3.20	L
BPA1	AC	HHZ	117.2	245	90		P		73.48	28.15	27.95	0.00	0.20	1.29S		0.438							
LSK	AC	HHZ	118.0	193	90		P		65.37	20.04	20.77	0.00	-0.73*	0.66		0.051							
LSK	AC	HHZ	118.0	193	90		P		66.26	20.93	20.90	0.00	0.03	1.29		0.156	1.00	36		3.25	D		
LSK	AC	HHN	118.0	193	90		P	6	60.00	14.67	20.90	0.00		0.00		0.000	1.00			5.9	.62	3.60	L
BCI	AC	HHZ	148.6	333	68		P		80.93	35.60	36.58	0.00	-0.97*	0.09S		0.001							
BCI	AC	HHZ	148.6	333	68		P		71.69	26.36	26.00	0.00	0.36	1.29		0.245	1.00	37		3.28	D		
BCI	AC	HHE	148.6	333	68		P	6	60.00	14.67	26.00	0.00		0.00		0.000	1.00			3.0	.74	3.51	L
							P	S	90.53	45.20	45.50	0.00	-0.30	1.29S		0.566							

SRN	AC	HHZ	164.1	209	68	P	74.78	29.45	28.48	0.00	0.97*	0.10	0.000							
SRN	AC	HHE	164.1	209	68		6	60.00	14.67	28.48	0.00		0.00	0.000	1.00		2.2	.87	3.48	L
						S		95.04	49.71	49.84	0.00	-0.13	1.29S	0.441						
IGT	AC	HHZ	190.2	196	68	P	79.09	33.76	32.64	0.00	1.12*	0.00	0.000							
IGT	AC	HHE	190.2	196	68	S	102.67	57.34	57.12	0.00	0.22	1.29S	0.417							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	06	28	2122	25.82	42 37.07	18E43.75	0.02	0.22	2.44	2.41	3.17	3.27	3.2

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	SOURCE
10	14	113.5	At1	248	15	0	9	3	10	#	3.00	0.07 L	3.00 0.10 D

28 JUN 2017, 21:22 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 3.43 351 44>-< 1.23 222 32>-< 0.83 114 28>

REGION= Mali Zi (Montenegro)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T		
BCI	AC	HHZ	113.5	103	51	P		46.43	20.61	20.76	0.00	-0.15	1.20		0.574	1.00	24	2.85	D		
BCI	AC	HHN	113.5	103	51		6	0.00	-25.82	20.76	0.00		0.00		0.000	1.00		4.7	.87	3.47	L
						S		59.92	34.10	36.33	0.00	-0.23	0.90S		0.000						
TIR	AC	HHZ	169.6	145	46	P		57.37	31.55	30.19	0.00	0.36	0.36		0.057	1.00	37	3.27	D		
TIR	AC	HHN	169.6	145	46		6	60.00	34.18	30.19	0.00		0.00		0.000	1.00		0.85	.66	3.10	L
						S		78.48	52.66	52.83	0.00	-0.17	1.20S		0.799						
PHP	AC	HHZ	175.4	125	46	P		56.93	31.11	31.11	0.00	0.00	1.20		0.337	1.00	41	3.37	D		
PHP	AC	HHN	175.4	125	46		6	60.00	34.18	31.11	0.00		0.00		0.000	1.00		0.91	.47	3.17	L
						S		80.35	54.53	54.44	0.00	0.09	1.20S		0.351						
NOCI	AC	HHZ	245.9	215	37	P		67.57	41.75	41.78	0.00	-0.03	1.20		0.875						
FNA	AC	HHZ	300.7	131	37	P		74.91	49.09	49.03	0.00	0.06	1.20		0.201						
FNA	AC	HHE	300.7	131	37	S		111.67	85.85	85.80	0.00	0.05	1.20S		0.787						
IGT	AC	HHZ	368.2	158	37	P		82.36	56.54	57.96	0.00	-0.42	0.27		0.015						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	06	29	0037	5.50	41 11.79	20E55.41	1.56	0.25	0.73	1.29	3.10	2.81	3.1

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	SOURCE
20	29	60.2	At1	167	9	0	17	7	20		6.00	0.21 L	4.00 0.08 D

29 JUN 2017, 0:37 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.31 61 80>-< 0.74 247 9>-< 0.37 157 1>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
FNA	AC	HHZ		60.2	139	51	P		17.21	11.71	11.39	0.00	0.32	1.06		0.292			
FNA	AC	HHN		60.2	139	51	S		25.21	19.71	19.93	0.00	-0.22	1.06S		0.575			
KBN	AC	HHZ		64.6	191	51	P		17.49	11.99	12.15	0.00	-0.16	1.06		0.136	1.00	23	2.81 D
KBN	AC	HHN		64.6	191	51	S	6	0.00	-5.50	12.15	0.00		0.00		0.000	1.00		4.6 .54 3.03 L
									26.49	20.99	21.26	0.00	-0.27	1.06S		0.221			
PHP	AC	HHZ		67.6	324	51	P		18.12	12.62	12.66	0.00	-0.04	1.06		0.178	1.00	19	2.63 D
PHP	AC	HHE		67.6	324	51	S	6	0.00	-5.50	12.66	0.00		0.00		0.000	1.00		1.1 .25 2.45 L
									27.40	21.90	22.15	0.00	-0.25	1.06S		0.333			
TIR	AC	HHZ		90.3	282	51	P		21.80	16.30	16.56	0.00	-0.26	1.06		0.149	1.00	23	2.81 D
TIR	AC	HHN		90.3	282	51	S	6	0.00	-5.50	16.56	0.00		0.00		0.000	1.00		1.1 .50 2.65 L
									34.34	28.84	28.98	0.00	-0.14	1.06S		0.321			
BPA1	AC	HHZ		119.0	245	51	P		27.33	21.83	21.49	0.00	0.34	1.06		0.159			
BPA1	AC	HHN		119.0	245	51	S		44.74	39.24	37.61	0.00	0.63*	0.00S		0.000			
LSK	AC	HHZ		119.4	194	51	P		26.81	21.31	21.57	0.00	-0.26	1.06		0.135	1.00	27	2.97 D
LSK	AC	HHN		119.4	194	51	S	6	0.00	-5.50	21.57	0.00		0.00		0.000	1.00		3.1 .47 3.33 L
									42.39	36.89	37.75	0.00	-0.46	0.03S		0.000			
BPA2	AC	HHZ		121.4	246	51	P		27.58	22.08	21.91	0.00	0.17	1.06		0.161			
VLO	AC	HHZ		145.1	237	51	P		33.14	27.64	25.97	0.00	1.67*	0.00		0.000			
BCI	AC	HHZ		148.2	332	51	P		31.97	26.47	26.50	0.00	-0.03	1.06		0.202			
BCI	AC	HHE		148.2	332	51	S	6	0.00	-5.50	26.50	0.00		0.00		0.000	1.00		1.8 .75 3.28 L
									52.22	46.72	46.38	0.00	0.34	1.05S		0.382			
SRN	AC	HHZ		165.8	209	46	P		34.53	29.03	29.35	0.00	-0.32	1.06		0.103			
SRN	AC	HHN		165.8	209	46	S	6	0.00	-5.50	29.35	0.00		0.00		0.000	1.00		1.0 .80 3.16 L
									56.99	51.49	51.36	0.00	0.13	1.06S		0.288			
IGT	AC	HHZ		191.6	196	46	P		39.38	33.88	33.47	0.00	0.41	1.00		0.091			
IGT	AC	HHN		191.6	196	46	S		64.37	58.87	58.57	0.00	0.30	1.06S		0.265			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-29 0226 30.39 41 10.64 20E54.36 0.05 0.38 1.14 2.15 2.19 2.65 2.2

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 13 19 59.6 At1 164 10 0 11 6 13 # 4.00 0.12 L 4.00 0.17 D

29 JUN 2017, 2:26 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.17 68 81>-< 1.15 242 8>-< 0.53 152 0>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
FNA	AC	HHZ		59.6	137	51	P		42.28	11.89	11.49	0.00	0.40	1.09		0.358			

FNA	AC	HHE	59.6	137	51	S	50.23	19.84	20.11	0.00	-0.27	1.09S	0.637								
KBN	AC	HHZ	62.3	190	51	P	42.62	12.23	11.96	0.00	0.27	1.09	0.252	1.00	15	2.40	D				
KBN	AC	HHE	62.3	190	51		6	0.00-30.39	11.96	0.00		0.00	0.000	1.00			0.79	.50	2.23	L	
						S		50.78	20.39	20.93	0.00	-0.34	1.06S	0.332							
PHP	AC	HHZ	68.5	326	51	P	43.30	12.91	13.02	0.00	-0.11	1.09	0.288	1.00	18	2.57	D				
PHP	AC	HHN	68.5	326	51		6	0.00-30.39	13.02	0.00		0.00	0.000	1.00			0.53	.18	2.15	L	
						S		52.77	22.38	22.78	0.00	-0.40	1.09S	0.364							
TIR	AC	HHZ	89.3	283	51	P	46.66	16.27	16.59	0.00	-0.32	1.09	0.289	1.00	21	2.72	D				
TIR	AC	HHN	89.3	283	51		6	0.00-30.39	16.59	0.00		0.00	0.000	1.00			0.11	.37	1.66	L	
						S		59.62	29.23	29.03	0.00	0.20	1.09S	0.413							
LSK	AC	HHZ	117.0	193	51	P	51.16	20.77	21.36	0.00	-0.49	1.02	0.225								
BCI	AC	HHZ	149.4	333	51	P	59.04	28.65	26.92	0.00	1.73*	0.00	0.000	1.00	26	2.93	D				
BCI	AC	HHE	149.4	333	51		6	60.00	29.61	26.92	0.00		0.00	0.000	1.00			0.22	.69	2.39	L
						S		77.83	47.44	47.11	0.00	0.33	1.09S	0.423							
IGT	AC	HHZ	189.2	196	46	P	64.85	34.46	33.31	0.00	1.15*	0.09	0.001								
IGT	AC	HHE	189.2	196	46	S	89.16	58.77	58.29	0.00	0.48	1.09S	0.412								

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-29 0228 20.76 41 9.72 20E53.53 5.86 0.20 0.97 2.61 2.15 2.50 2.2

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 12 17 59.1 At1 161 22 0 10 4 12 # 4.00 0.10 L 4.00 0.07 D

29 JUN 2017, 2:28 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.64 115 81>-< 0.97 250 5>-< 0.41 339 5>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T	
FNA	AC	HHZ		59.1	135	62	P		31.35	10.59	10.80	0.00	-0.21	1.01		0.570							
FNA	AC	HHE		59.1	135	62	S		38.89	18.13	18.90	0.00	-0.27	1.00S		0.000							
KBN	AC	HHZ		60.4	189	62	P		31.79	11.03	11.02	0.00	0.01	1.01		0.211	1.00	16	2.47	D			
KBN	AC	HHE		60.4	189	62		6	0.00-20.76	11.02	0.00		0.00	0.000	1.00				0.65	.43	2.12	L	
							S		39.77	19.01	19.28	0.00	-0.27	1.00S		0.712							
PHP	AC	HHZ		69.2	328	62	P		32.55	11.79	12.54	0.00	-0.75*	0.00		0.000	1.00	15	2.40	D			
PHP	AC	HHN		69.2	328	62		6	0.00-20.76	12.54	0.00		0.00	0.000	1.00				0.53	.18	2.17	L	
							S		42.47	21.71	21.94	0.00	-0.24	1.01S		0.328							
TIR	AC	HHZ		88.5	284	62	P		36.45	15.69	15.85	0.00	-0.16	1.01		0.425	1.00	17	2.52	D			
TIR	AC	HHN		88.5	284	62		6	0.00-20.76	15.85	0.00		0.00	0.000	1.00				0.23	.34	1.97	L	
							S		48.16	27.40	27.74	0.00	-0.34	0.92S		0.491							
LSK	AC	HHZ		115.1	193	62	P		41.08	20.32	20.42	0.00	-0.10	1.01		0.213							
BCI	AC	HHZ		150.4	334	55	P		47.34	26.58	26.39	0.00	0.19	1.01		0.283	1.00	27	2.97	D			
BCI	AC	HHE		150.4	334	55		6	60.00	39.24	26.39	0.00		0.00	0.000	1.00				0.18	.41	2.31	L



SRN AC HHZ 161.2 209 55 S 66.85 46.09 46.18 0.00 -0.09 1.01S 0.597  
 SRN AC HHZ 161.2 209 55 P 49.07 28.31 28.12 0.00 0.19 1.01 0.164

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-29 0241 37.58 41 12.14 20E55.31 2.38 0.28 0.82 2.20 3.10 2.97 3.1

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T SOURCE  
 19 27 60.8 At1 168 15 0 16 7 19 6.00 0.06 L 3.00 0.04 D L F X

9 JUN 2017, 2:41 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.23 61 79>-< 0.83 248 10>-< 0.40 158 1>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
FNA	AC	HHZ		60.8	140	62	P		49.17	11.59	11.39	0.00	0.20	1.06		0.290			
FNA	AC	HHN		60.8	140	62	S		57.41	19.83	19.93	0.00	-0.10	1.06S		0.604			
KBN	AC	HHZ		65.3	191	62	P		49.39	11.81	12.17	0.00	-0.36	1.06		0.185	1.00	36	3.24 D
KBN	AC	HHN		65.3	191	62	S	6	0.00	-37.58	12.17	0.00		0.00		0.000	1.00		5.2 .81 3.09 L
									57.10	19.52	21.30	0.00	-0.78*	0.00S		0.000			
PHP	AC	HHZ		67.0	324	62	P		50.20	12.62	12.46	0.00	0.16	1.06		0.189	1.00	27	2.97 D
PHP	AC	HHN		67.0	324	62	S	6	0.00	-37.58	12.46	0.00		0.00		0.000	1.00		4.9 .30 3.10 L
									59.81	22.23	21.81	0.00	0.42	1.06S		0.332			
TIR	AC	HHZ		90.0	281	62	P		53.83	16.25	16.42	0.00	-0.17	1.06		0.217	1.00	26	2.93 D
TIR	AC	HHN		90.0	281	62	S	6	60.00	22.42	16.42	0.00		0.00		0.000	1.00		2.2 .62 2.97 L
									66.27	28.69	28.74	0.00	-0.05	1.06S		0.337			
BPA1	AC	HHZ		119.1	244	62	P		60.66	23.08	21.42	0.00	0.46	0.00		0.000			
LSK	AC	HHZ		120.0	194	62	P		58.76	21.18	21.58	0.00	-0.40	1.06		0.188			
LSK	AC	HHE		120.0	194	62	S	6	60.00	22.42	21.58	0.00		0.00		0.000	1.00		2.0 .83 3.14 L
									75.69	38.11	37.76	0.00	0.34	1.06S		0.208			
BPA2	AC	HHZ		121.6	245	62	P		60.55	22.97	21.85	0.00	1.12*	0.11		0.002			
VLO	AC	HHZ		145.3	237	62	P		64.95	27.37	25.92	0.00	1.45*	0.00		0.000			
BCI	AC	HHZ		147.5	332	62	P		63.68	26.10	26.30	0.00	-0.20	1.06		0.206			
BCI	AC	HHN		147.5	332	62	S	6	60.00	22.42	26.30	0.00		0.00		0.000	1.00		2.8 .83 3.47 L
									83.33	45.75	46.02	0.00	-0.27	1.06S		0.397			
SRN	AC	HHZ		166.3	209	55	P		67.13	29.55	29.32	0.00	0.23	1.06		0.117			
SRN	AC	HHN		166.3	209	55	S	6	60.00	22.42	29.32	0.00		0.00		0.000	1.00		0.74 .93 3.02 L
									88.70	51.12	51.31	0.00	-0.19	1.06S		0.316			
IGT	AC	HHZ		192.2	196	55	P		71.55	33.97	33.45	0.00	0.52*	1.04		0.104			
IGT	AC	HHN		192.2	196	55	S		96.01	58.43	58.54	0.00	-0.11	1.06S		0.299			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-06-29 0540 13.39 41 10.88 20E53.97 5.71 0.35 1.16 3.03 2.19 2.68 2.2

SOURCE

NSTA NPBS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
13 19 60.3 At1 164 22 0 12 6 13 # 5.00 0.20 L 5.00 0.09 D

29 JUN 2017, 5:40 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 3.04 131 88>-< 1.16 245 0>-< 0.52 334 1>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
FNA	AC	HHZ		60.3	137	62	P		24.21	10.82	11.01	0.00	-0.19	1.05		0.382						
FNA	AC	HHE		60.3	137	62	S		32.27	18.88	19.27	0.00	-0.39	1.04S		0.614						
KBN	AC	HHZ		62.7	189	62	P		24.96	11.57	11.42	0.00	0.15	1.05		0.215	1.00	15	2.40	D		
KBN	AC	HHN		62.7	189	62	S	6	0.00	-13.39	11.42	0.00		0.00		0.000	1.00			0.71	.34	2.19 L
							S		33.02	19.63	19.99	0.00	-0.35	1.05S		0.356						
PHP	AC	HHZ		67.8	326	62	P		25.20	11.81	12.30	0.00	-0.49	0.99		0.300	1.00	19	2.63	D		
PHP	AC	HHN		67.8	326	62	S	6	0.00	-13.39	12.30	0.00		0.00		0.000	1.00			0.45	.37	2.07 L
							S		35.15	21.76	21.52	0.00	0.23	1.05S		0.337						
TIR	AC	HHZ		88.6	283	62	P		29.00	15.61	15.88	0.00	-0.27	1.05		0.293	1.00	20	2.68	D		
TIR	AC	HHE		88.6	283	62	S	6	0.00	-13.39	15.88	0.00		0.00		0.000	1.00			0.24	.30	1.99 L
							S		40.62	27.23	27.79	0.00	-0.46	0.90S		0.332						
LSK	AC	HHZ		117.3	193	62	P		34.87	21.48	20.81	0.00	0.67*	0.71		0.100	1.00	22	2.77	D		
LSK	AC	HHN		117.3	193	62	S	6	0.00	-13.39	20.81	0.00		0.00		0.000	1.00			0.45	.50	2.48 L
							S		49.48	36.09	36.42	0.00	-0.33	1.05S		0.376						
BCI	AC	HHZ		148.7	333	55	P		41.25	27.86	26.15	0.00	0.71*	0.00		0.000	1.00	24	2.86	D		
BCI	AC	HHE		148.7	333	55	S	6	0.00	-13.39	26.15	0.00		0.00		0.000	1.00			0.32	.68	2.55 L
							S		58.99	45.60	45.76	0.00	-0.16	1.05S		0.541						
SRN	AC	HHZ		163.4	209	55	P		42.20	28.81	28.48	0.00	0.33	1.05		0.148						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-06-29 0549 37.20 41 9.56 20E53.48 6.83 0.12 0.56 1.90 2.29 2.71 2.3

SOURCE

NSTA NPBS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
11 16 59.0 At1 161 13 0 10 5 11 4.00 0.15 L 4.00 0.06 D

29 JUN 2017, 5:49 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 1.93 207 79>-< 0.56 60 8>-< 0.26 328 5>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
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FNA	AC	HHZ	59.0	135	90	P	47.97	10.77	10.77	0.00	0.00	1.16	0.328								
FNA	AC	HHN	59.0	135	90	S	56.07	18.87	18.85	0.00	0.02	1.16S	0.528								
KBN	AC	HHZ	60.1	189	90	P	48.27	11.07	10.98	0.00	0.09	1.16	0.221	1.00	21	2.73	D				
KBN	AC	HHE	60.1	189	90		0.00	-37.20	10.98	0.00		0.00	0.000	1.00				1.3	.51	2.41	L
						S	56.33	19.13	19.22	0.00	-0.09	1.16S	0.574								
PHP	AC	HHZ	69.4	328	90	P	49.05	11.85	12.56	0.00	-0.71*	0.17	0.009	1.00	19	2.63	D				
PHP	AC	HHN	69.4	328	90		0.00	-37.20	12.56	0.00		0.00	0.000	1.00				0.53	.20	2.17	L
						S	59.21	22.01	21.98	0.00	0.03	1.16S	0.699								
TIR	AC	HHZ	88.5	284	90	P	52.47	15.27	15.84	0.00	-0.57*	0.58	0.064	1.00	20	2.68	D				
TIR	AC	HHN	88.5	284	90		60.00	22.80	15.84	0.00		0.00	0.000	1.00				0.32	.50	2.12	L
						S	65.02	27.82	27.72	0.00	0.10	1.16S	0.543								
BCI	AC	HHZ	150.6	334	68	P	63.62	26.42	26.36	0.00	0.06	1.16	0.274	1.00	31	3.10	D				
BCI	AC	HHN	150.6	334	68		60.00	22.80	26.36	0.00		0.00	0.000	1.00				0.35	.51	2.60	L
						S	83.29	46.09	46.13	0.00	-0.04	1.16S	0.756								
SRN	AC	HHZ	160.9	209	68	P	66.77	29.57	28.00	0.00	1.57*	0.00	0.000								

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	06	29	0634	50.01	41 9.80	20E53.54	2.66	0.25	0.75	2.03	2.78	2.75	2.9

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
16	24	59.2	At1	161	9	0	14	8	16		6.00	0.12	L	4.00	0.08	D

29 JUN 2017, 6:34 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.06 64 81>-< 0.75 249 8>-< 0.38 159 0>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
FNA	AC	HHZ		59.2	135	62	P		61.27	11.26	11.10	0.00	0.16	1.03		0.329						
FNA	AC	HHE		59.2	135	62	S		69.38	19.37	19.42	0.00	-0.06	1.03S		0.583						
KBN	AC	HHZ		60.6	189	62	P		61.76	11.75	11.34	0.00	0.41	0.95		0.191	1.00	19	2.63	D		
KBN	AC	HHN		60.6	189	62		6	60.00	9.99	11.34	0.00		0.00		0.000	1.00		3.2	.54	2.81	L
							S		69.63	19.62	19.85	0.00	-0.23	1.03S		0.189						
PHP	AC	HHZ		69.1	328	62	P		62.31	12.30	12.80	0.00	-0.50	0.79		0.151	1.00	21	2.72	D		
PHP	AC	HHN		69.1	328	62		6	60.00	9.99	12.80	0.00		0.00		0.000	1.00		2.0	.31	2.75	L
							S		72.09	22.08	22.40	0.00	-0.32	1.03S		0.319						
TIR	AC	HHZ		88.5	284	62	P		65.90	15.89	16.13	0.00	-0.24	1.03		0.282	1.00	22	2.77	D		
TIR	AC	HHE		88.5	284	62		6	60.00	9.99	16.13	0.00		0.00		0.000	1.00		1.0	.40	2.62	L
							S		78.61	28.60	28.23	0.00	0.37	0.99S		0.320						
LSK	AC	HHZ		115.3	193	62	P		70.84	20.83	20.73	0.00	0.10	1.03		0.231	1.00	29	3.04	D		
LSK	AC	HHE		115.3	193	62		6	60.00	9.99	20.73	0.00		0.00		0.000	1.00		1.6	.68	3.01	L
							S		86.25	36.24	36.28	0.00	-0.04	1.03S		0.197						
BCI	AC	HHZ		150.2	334	55	P		76.70	26.69	26.72	0.00	-0.03	1.03		0.198						

BCI	AC	HHE	150.2	334	55		6	60.00	9.99	26.72	0.00		0.00	0.000	1.00		1.4	.51	3.20	L
						S		97.17	47.16	46.76	0.00	0.40	0.96S	0.445						
SRN	AC	HHZ	161.3	209	55	P		79.52	29.51	28.49	0.00	1.02*	0.00	0.000						
SRN	AC	HHN	161.3	209	55		6	60.00	9.99	28.49	0.00		0.00	0.000	1.00		0.39	.66	2.71	L
						S		99.72	49.71	49.86	0.00	-0.15	1.03S	0.291						
IGT	AC	HHZ	187.4	195	55	P		84.23	34.22	32.65	0.00	1.57*	0.00	0.000						
IGT	AC	HHN	187.4	195	55	S		107.13	57.12	57.14	0.00	-0.02	1.03S	0.267						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	06	29	0720	1.30	41 10.06	20E53.69	6.04	0.28	0.85	2.15	2.69	2.80	2.7

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
17	25	59.4	At1	163	18	0	14	7	16		6.00	0.12 L	4.00 0.07 D

SOURCE

29 JUN 2017, 7:20 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.16 97 86>-< 0.85 247 3>-< 0.43 336 1>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
FNA	AC	HHZ		59.4	136	90	P		12.02	10.72	10.84	0.00	-0.12	1.04		0.285			
FNA	AC	HHN		59.4	136	90	S		20.05	18.75	18.97	0.00	-0.22	1.04S		0.486			
KBN	AC	HHZ		61.1	189	90	P		12.43	11.13	11.12	0.00	0.01	1.04		0.119	1.00	23	2.82 D
KBN	AC	HHE		61.1	189	90	S		20.81	19.51	19.46	0.00	0.05	1.04S		0.230			
KBN	AC	HHN		61.1	189	90		6	0.00	-1.30	11.12	0.00		0.00		0.000	1.00		2.2 .50 2.65 L
PHP	AC	HHZ		68.8	327	90	P		13.14	11.84	12.45	0.00	-0.61*	0.75		0.113	1.00	22	2.77 D
PHP	AC	HHN		68.8	327	90		6	0.00	-1.30	12.45	0.00		0.00		0.000	1.00		1.9 .15 2.72 L
							S		22.74	21.44	21.79	0.00	-0.35	1.04S		0.356			
TIR	AC	HHZ		88.6	284	90	P		17.24	15.94	15.85	0.00	0.09	1.04		0.177	1.00	20	2.68 D
TIR	AC	HHE		88.6	284	90		6	0.00	-1.30	15.85	0.00		0.00		0.000	1.00		0.66 .31 2.43 L
							S		28.68	27.38	27.74	0.00	-0.36	1.04S		0.413			
LSK	AC	HHZ		115.8	193	90	P		21.87	20.57	20.52	0.00	0.05	1.04		0.119	1.00	25	2.90 D
LSK	AC	HHN		115.8	193	90		6	0.00	-1.30	20.52	0.00		0.00		0.000	1.00		1.5 .43 2.99 L
							S		37.03	35.73	35.91	0.00	-0.18	1.04S		0.244			
BCI	AC	HHZ		149.9	333	68	P		27.87	26.57	26.30	0.00	0.27	1.04		0.271			
BCI	AC	HHN		149.9	333	68		6	0.00	-1.30	26.30	0.00		0.00		0.000	1.00		0.54 .69 2.78 L
							S		47.89	46.59	46.02	0.00	0.57*	0.84S		0.418			
SRN	AC	HHZ		161.8	209	68	P		30.01	28.71	28.20	0.00	0.51*	0.93		0.142			
SRN	AC	HHE		161.8	209	68		6	0.00	-1.30	28.20	0.00		0.00		0.000	1.00		0.26 .54 2.54 L
							S		50.68	49.38	49.35	0.00	0.03	1.04S		0.620			
IGT	AC	HHZ		187.9	195	68	P		35.52	34.22	32.36	0.00	1.86*	0.00		0.000			
IGT	AC	HHE		187.9	195	68	S		59.17	57.87	56.63	0.00	1.24*	0.00S		0.000			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-29 1910 10.87 41 10.82 20E53.39 9.85 0.12 0.84 2.42 2.47 2.82 2.5

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 12 18 60.7 At1 163 8 0 10 5 12 2.00 0.12 L 3.00 0.13 D

29 JUN 2017, 19:10 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.44 202 82>-< 0.84 60 5>-< 0.39 328 4>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
FNA	AC	HHZ		60.7	136	94	P		22.04	11.17	11.09	0.00	0.08	1.04		0.303			
FNA	AC	HHN		60.7	136	94	S		30.12	19.25	19.41	0.00	-0.16	1.04S		0.522			
KBN	AC	HHZ		62.4	188	94	P		22.76	11.89	11.38	0.00	0.41	0.81		0.110	1.00	20	2.69 D
KBN	AC	HHN		62.4	188	94	S	6	0.00	-10.87	11.38	0.00		0.00		0.000	1.00		1.7 .51 2.58 L
							S		29.51	18.64	19.92	0.00	-0.28	0.00S		0.000			
PHP	AC	HHZ		67.4	327	93	P		23.00	12.13	12.24	0.00	-0.11	1.04		0.268	1.00	23	2.82 D
PHP	AC	HHN		67.4	327	93	S	6	0.00	-10.87	12.24	0.00		0.00		0.000	1.00		0.86 .10 2.35 L
							S		32.29	21.42	21.42	0.00	0.00	1.04S		0.511			
TIR	AC	HHZ		87.9	283	92	P		27.10	16.23	15.75	0.00	0.48	0.87		0.126			
TIR	AC	HHN		87.9	283	92	S		38.20	27.33	27.56	0.00	-0.23	1.04S		0.465			
LSK	AC	HHZ		117.0	193	92	P		31.45	20.58	20.76	0.00	-0.18	1.04		0.196	1.00	30	3.08 D
LSK	AC	HHN		117.0	193	92	S		47.13	36.26	36.33	0.00	-0.07	1.04S		0.502			
BCI	AC	HHZ		148.5	333	68	P		38.20	27.33	25.83	0.00	0.40	0.00		0.000			
BCI	AC	HHN		148.5	333	68	S		56.05	45.18	45.20	0.00	-0.02	1.04S		0.990			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-30 1133 32.67 41 11.19 20E56.36 2.06 0.29 0.79 2.51 2.22 3.22 2.3

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 14 21 58.5 At1 168 18 0 11 5 14 3.00 0.13 L 5.00 0.18 D

30 JUN 2017, 11:33 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.54 50 80>-< 0.80 244 8>-< 0.44 154 2>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
FNA	AC	HHZ		58.5	140	62	P		43.87	11.20	11.03	0.00	0.17	1.18		0.340			
FNA	AC	HHN		58.5	140	62	S		51.69	19.02	19.30	0.00	-0.28	1.18S		0.661			

PHP	AC	HHZ	69.3	324	62	P	45.22	12.55	12.88	0.00	-0.33	1.18	0.235	1.00	21	2.72	D				
PHP	AC	HHN	69.3	324	62		6	0.00	-32.67	12.88	0.00		0.00	0.000	1.00			0.44	.47	2.09	L
							S	53.98	21.31	22.54	0.00	-1.23*	0.01S	0.000							
TIR	AC	HHZ	91.8	282	62	P	49.48	16.81	16.75	0.00	0.06	1.18	0.263	1.00	29	3.04	D				
TIR	AC	HHN	91.8	282	62		6	60.00	27.33	16.75	0.00		0.00	0.000	1.00			0.80	.51	2.54	L
							S	61.61	28.94	29.31	0.00	-0.37	1.18S	0.399							
LSK	AC	HHZ	118.7	195	62	P	53.96	21.29	21.37	0.00	-0.08	1.18	0.291	1.00	39	3.32	D				
LSK	AC	HHN	118.7	195	62		S	69.81	37.14	37.40	0.00	-0.26	1.18S	0.312							
BCI	AC	HHZ	149.8	332	62	P	59.26	26.59	26.72	0.00	-0.13	1.18	0.255	1.00	43	3.42	D				
BCI	AC	HHE	149.8	332	62		6	60.00	27.33	26.72	0.00		0.00	0.000	1.00			0.15	.40	2.22	L
							S	79.78	47.11	46.76	0.00	0.35	1.18S	0.628							
SRN	AC	HHZ	165.5	210	55	P	62.47	29.80	29.22	0.00	0.58*	1.10	0.151	1.00	35	3.22	D				
SRN	AC	HHN	165.5	210	55		S	84.03	51.36	51.13	0.00	0.23	1.18S	0.457							
IGT	AC	HHZ	190.9	196	55	P	67.35	34.68	33.28	0.00	1.40*	0.00	0.000								
IGT	AC	HHN	190.9	196	55		S	92.05	59.38	58.24	0.00	1.14*	0.07S	0.001							

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-06-30 1304 29.44 41 10.09 20E54.94 6.02 0.17 0.65 18.73 1.41 3.01 1.5

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
9 13 58.3 At1 171 9 0 8 4 9 - 3.00 0.18 L 3.00 0.03 D

30 JUN 2017, 13:04 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>< 18.73 0 90>< 0.65 231 0>< 0.30 321 0>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T	
FNA	AC	HHZ		58.3	137	90	P		40.13	10.69	10.64	0.00	0.05	1.34		0.358							
FNA	AC	HHN		58.3	137	90	S		48.05	18.61	18.62	0.00	-0.01	1.34S		0.587							
KBN	AC	HHZ		61.4	191	90	P		40.54	11.10	11.18	0.00	-0.08	1.34		0.245	1.00	29	3.04	D			
KBN	AC	HHN		61.4	191	90		6	0.00	-29.44	11.18	0.00		0.00		0.000	1.00			0.20	.46	1.62	L
							S		48.94	19.50	19.56	0.00	-0.06	1.34S		0.647							
PHP	AC	HHZ		69.8	326	90	P		41.18	11.74	12.61	0.00	-0.87*	0.38		0.198	1.00	18	2.58	D			
PHP	AC	HHN		69.8	326	90		6	0.00	-29.44	12.61	0.00		0.00		0.000	1.00			0.06	.15	1.23	L
							S		51.51	22.07	22.07	0.00	0.00	1.34S		0.763							
TIR	AC	HHZ		90.3	284	90	P		46.60	17.16	16.14	0.00	1.02*	0.10		0.003	1.00	28	3.01	D			
TIR	AC	HHN		90.3	284	90		6	0.00	-29.44	16.14	0.00		0.00		0.387	1.00			0.06	.34	1.41	L
							S		57.73	28.29	28.24	0.00	0.05	1.34S		0.772							
LSK	AC	HHZ		116.2	194	90	P		50.87	21.43	20.60	0.00	0.83*	0.49		0.034							

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-30 1841 31.53 41 9.40 20E55.09 0.51 0.31 0.86 1.66 2.30 2.75 2.3

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 16 24 57.2 At1 163 9 0 13 8 16 6.00 0.12 L 4.00 0.13 D

30 JUN 2017, 18:41 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.68 79 81>-< 0.86 245 8>-< 0.44 335 1>

REGION= Magedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
FNA	AC	HHZ		57.2	136	51	P		42.45	10.92	11.01	0.00	-0.09	1.09		0.369						
FNA	AC	HHN		57.2	136	51	S		50.65	19.12	19.27	0.00	-0.15	1.09S		0.619						
KBN	AC	HHZ		60.2	191	51	P		42.82	11.29	11.54	0.00	-0.25	1.09		0.214	1.00	20	2.68	D		
KBN	AC	HHE		60.2	191	51		6	0.00	-31.53	11.54	0.00		0.00		0.000	1.00			0.65	.77	2.12 L
									51.59	20.06	20.19	0.00	-0.13	1.09S		0.216						
PHP	AC	HHZ		70.9	326	51	P		43.49	11.96	13.38	0.00	-0.42	1.00		0.000	1.00	18	2.57	D		
PHP	AC	HHN		70.9	326	51		6	0.00	-31.53	13.38	0.00		0.00		0.000	1.00			0.68	.14	2.29 L
									54.61	23.08	23.42	0.00	-0.33	1.09S		0.378						
TIR	AC	HHZ		90.8	284	51	P		48.59	17.06	16.79	0.00	0.27	1.09		0.310	1.00	23	2.81	D		
TIR	AC	HHE		90.8	284	51		6	60.00	28.47	16.79	0.00		0.00		0.000	1.00			0.19	.34	1.91 L
									60.45	28.92	29.38	0.00	-0.46	1.09S		0.335						
LSK	AC	HHZ		115.0	194	51	P		52.56	21.03	20.95	0.00	0.08	1.09		0.216	1.00	29	3.03	D		
LSK	AC	HHN		115.0	194	51		6	60.00	28.47	20.95	0.00		0.00		0.000	1.00			0.40	.41	2.41 L
									68.00	36.47	36.66	0.00	-0.19	1.09S		0.221						
BCI	AC	HHZ		151.9	333	46	P		60.09	28.56	27.28	0.00	1.28*	0.01		0.000						
BCI	AC	HHE		151.9	333	46		6	60.00	28.47	27.28	0.00		0.00		0.000	1.00			0.23	.36	2.42 L
									79.74	48.21	47.74	0.00	0.47	1.09S		0.466						
SRN	AC	HHZ		161.7	210	46	P		60.68	29.15	28.85	0.00	0.30	1.09		0.175						
SRN	AC	HHE		161.7	210	46		6	60.00	28.47	28.85	0.00		0.00		0.000	1.00			0.15	.81	2.30 L
									82.09	50.56	50.49	0.00	0.07	1.09S		0.285						
IGT	AC	HHZ		187.3	196	46	P		66.34	34.81	32.93	0.00	1.88*	0.00		0.000						
IGT	AC	HHN		187.3	196	46	S		89.83	58.30	57.63	0.00	0.67*	0.93S		0.188						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-06-30 2008 25.88 41 8.17 20E52.80 4.37 0.31 0.82 2.24 2.14 2.52 2.2

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 16 23 57.4 At1 158 13 0 14 7 15 6.00 0.11 L 4.00 0.09 D

30 JUN 2017, 20:08 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.25 71 85>-< 0.82 244 4>-< 0.44 154 0>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
KBN	AC	HHZ		57.4	188	62	P		36.64	10.76	10.64	0.00	0.12	1.18		0.229	1.00	18	2.58 D
KBN	AC	HHN		57.4	188	62		6	0.00	-25.88	10.64	0.00		0.00		0.000	1.00		0.77 .50 2.15 L
							S		44.60	18.72	18.62	0.00	0.10	1.18S		0.250			
FNA	AC	HHZ		57.9	132	62	P		36.27	10.39	10.72	0.00	-0.33	1.18		0.356			
FNA	AC	HHE		57.9	132	62	S		44.53	18.65	18.76	0.00	-0.11	1.18S		0.590			
PHP	AC	HHZ		71.1	330	62	P		37.28	11.40	13.00	0.00	-0.60*	0.00		0.000	1.00	15	2.40 D
PHP	AC	HHN		71.1	330	62		6	0.00	-25.88	13.00	0.00		0.00		0.000	1.00		0.46 .37 2.13 L
							S		47.64	21.76	22.75	0.00	-0.49	0.51S		0.079			
TIR	AC	HHZ		88.3	286	62	P		41.39	15.51	15.94	0.00	-0.43	1.18		0.314	1.00	16	2.46 D
TIR	AC	HHE		88.3	286	62		6	0.00	-25.88	15.94	0.00		0.00		0.000	1.00		0.23 .34 1.97 L
							S		53.63	27.75	27.89	0.00	-0.15	1.18S		0.400			
LSK	AC	HHZ		112.1	193	62	P		46.17	20.29	20.03	0.00	0.26	1.18		0.234			
LSK	AC	HHE		112.1	193	62		6	60.00	34.12	20.03	0.00		0.00		0.000	1.00		0.41 .69 2.40 L
							S		61.11	35.23	35.05	0.00	0.18	1.18S		0.266			
BCI	AC	HHZ		152.5	334	55	P		53.27	27.39	26.89	0.00	0.50*	1.18		0.270	1.00	26	2.93 D
BCI	AC	HHE		152.5	334	55		6	60.00	34.12	26.89	0.00		0.00		0.000	1.00		0.24 .60 2.44 L
							S		73.18	47.30	47.06	0.00	0.24	1.18S		0.609			
SRN	AC	HHZ		158.2	209	55	P		54.76	28.88	27.80	0.00	1.08*	0.33		0.012			
SRN	AC	HHE		158.2	209	55		6	60.00	34.12	27.80	0.00		0.00		0.000	1.00		0.10 .50 2.10 L
IGT	AC	HHZ		184.2	195	55	P		59.04	33.16	31.96	0.00	1.20*	0.15		0.002			
IGT	AC	HHN		184.2	195	55	S		81.59	55.71	55.93	0.00	-0.22	1.18S		0.384			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	06	30	2049	0.72	41 9.34	20E53.25	1.34	0.28	0.91	0.80	2.44	2.68	2.5

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
14	20	58.9	At1	160	8	0	12	6	14		5.00	0.08 L	3.00 0.13 D

30 JUN 2017, 20:49 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.82 66 82>-< 0.92 244 7>-< 0.43 154 0>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
FNA	AC	HHZ		58.9	134	51	P		12.12	11.40	11.20	0.00	0.20	1.00		0.326			
FNA	AC	HHN		58.9	134	51	S		20.03	19.31	19.60	0.00	-0.29	1.00S		0.655			
KBN	AC	HHZ		59.7	189	51	P		12.36	11.64	11.33	0.00	0.31	1.00		0.225	1.00	20	2.68 D
KBN	AC	HHN		59.7	189	51		6	0.00	-0.72	11.33	0.00		0.00		0.000	1.00		1.2 .50 2.38 L
							S		20.29	19.57	19.83	0.00	-0.26	1.00S		0.343			



PHP	AC	HHZ	69.6	328	51	P	13.33	12.61	13.04	0.00	-0.43	0.99	0.222	1.00	16	2.46	D				
PHP	AC	HHN	69.6	328	51		6	0.00	-0.72	13.04	0.00		0.000	1.00				0.99	.21	2.44	L
							S	23.28	22.56	22.82	0.00	-0.26	1.00S								
TIR	AC	HHZ	88.3	285	51	P	16.82	16.10	16.25	0.00	-0.15	1.00	0.249	1.00	23	2.81	D				
TIR	AC	HHN	88.3	285	51		6	0.00	-0.72	16.25	0.00		0.000	1.00				0.27	.31	2.04	L
							S	29.08	28.36	28.44	0.00	-0.08	1.00S								
LSK	AC	HHZ	114.3	193	51	P	21.33	20.61	20.72	0.00	-0.11	1.00	0.230								
LSK	AC	HHN	114.3	193	51		6	0.00	-0.72	20.72	0.00		0.000	1.00				0.52	.37	2.52	L
							S	37.28	36.56	36.26	0.00	0.30	1.00S								
BCI	AC	HHZ	150.8	334	51	P	27.97	27.25	26.99	0.00	0.26	1.00	0.239								
BCI	AC	HHE	150.8	334	51		6	0.00	-0.72	26.99	0.00		0.000	1.00				0.45	.54	2.71	L
							S	48.40	47.68	47.23	0.00	0.45	0.98S								
SRN	AC	HHZ	160.4	209	46	P	30.52	29.80	28.51	0.00	1.29*	0.00	0.000								
IGT	AC	HHZ	186.5	195	46	P	35.75	35.03	32.68	0.00	1.35*	0.00	0.000								

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	06	30	2110	52.76	41 10.35	20E53.57	5.38	0.09	0.53	1.28	2.05	2.44 2.1

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
14	20	59.9	At1	163	9	0	12	6	13		5.00 0.12 L	2.00 0.04 D	

30 JUN 2017, 21:10 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.28 186 87>-< 0.53 249 0>-< 0.22 338 1>

REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
FNA	AC	HHZ		59.9	136	62	P	63.63	10.87	10.98	0.00	-0.11	1.17			0.425						
FNA	AC	HHN		59.9	136	62	S	71.98	19.22	19.22	0.00	0.00	1.17S			0.684						
KBN	AC	HHZ		61.6	189	62	P	64.12	11.36	11.27	0.00	0.09	1.17			0.230	1.00	16	2.47	D		
KBN	AC	HHE		61.6	189	62	S	72.55	19.79	19.72	0.00	0.07	1.17S			0.418						
KBN	AC	HHN		61.6	189	62		6	60.00	7.24	11.27	0.00		0.00		0.000	1.00		0.49	.40	2.02	L
PHP	AC	HHZ		68.3	327	62	P	64.78	12.02	12.42	0.00	-0.40	0.21			0.011	1.00	15	2.40	D		
PHP	AC	HHN		68.3	327	62		6	60.00	7.24	12.42	0.00		0.00		0.000	1.00		0.42	.15	2.05	L
							S	74.49	21.73	21.74	0.00	-0.01	1.17S			0.366						
TIR	AC	HHE		88.3	284	62		6	60.00	7.24	15.86	0.00		0.00		0.000	1.00		0.21	.31	1.93	L
							S	80.09	27.33	27.75	0.00	-0.43	0.11S			0.006						
TIR	AC	HHZ		88.3	284	62	P	68.51	15.75	15.86	0.00	-0.11	1.17			0.364						
LSK	AC	HHZ		116.3	193	62	P	73.54	20.78	20.66	0.00	0.12	1.17			0.236						
LSK	AC	HHN		116.3	193	62		6	60.00	7.24	20.66	0.00		0.00		0.000	1.00		0.27	.46	2.25	L
							S	88.80	36.04	36.15	0.00	-0.12	1.17S			0.454						
BCI	AC	HHZ		149.3	333	55	P	79.10	26.34	26.28	0.00	0.06	1.17			0.255						
BCI	AC	HHE		149.3	333	55		6	60.00	7.24	26.28	0.00		0.00		0.000	1.00		0.17	.43	2.27	L

						S	98.79	46.03	45.99	0.00	0.04	1.17S	0.544
SRN	AC	HHZ	162.2	209	55	P	81.86	29.10	28.34	0.00	0.76*	0.00	0.000

**Tërmete të pa-lokalizueshëm, me më pak se tre stacione (un-locatable earthquakes with less than three stations)**

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	06	02	0608	01.82								BCI
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
BCI	SZ	IPG		0608	01.82							
BCI	SE	ISG		0608	03.01							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	06	02	0608	01.82								PHP
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		0608	01.82							
PHP	SE	ISG		0608	01.82							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	06	07	2344	54.08								PHP
GAP=					hor.err=		ver.err=					

STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		2344	54.08							
PHP	SE	ISG		2344	57.63							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	06	14	1022	32.00								PHP
GAP=					hor.err=					ver.err=		

STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		1022	32.00							
PHP	SE	ISG		1022	36.00							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	06	14	1614	49.69								PHP
GAP=					hor.err=					ver.err=		

STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		1614	56.86							
PHP	SE	ISG		1614	62.00							
BCI	SZ	IPG		1614	57.50							
BCI	SE	ISG		1614	64.87							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	06	15	1843	04.84								PHP
GAP=					hor.err=					ver.err=		

STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		1843	04.84							
PHP	SE	ISG		1843	08.85							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	06	20	1733	10.41								PHP
GAP=					hor.err=					ver.err=		

STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		1733	10.41							
PHP	SE	ISG		1733	15.80							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	06	20	1739	36.44								PHP
GAP=					hor.err=					ver.err=		

STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		1739	36.44							
PHP	SE	ISG		1739	39.07							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	06	20	1951	08.76								PHP
GAP=					hor.err=					ver.err=		

STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		1951	08.76							
PHP	SE	ISG		1951	12.04							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	06	20	2157	39.27								PHP
GAP=					hor.err=					ver.err=		

STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		2157	39.27							
PHP	SE	ISG		2157	46.45							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	06	21	0046	37.12								PHP
GAP=					hor.err=					ver.err=		

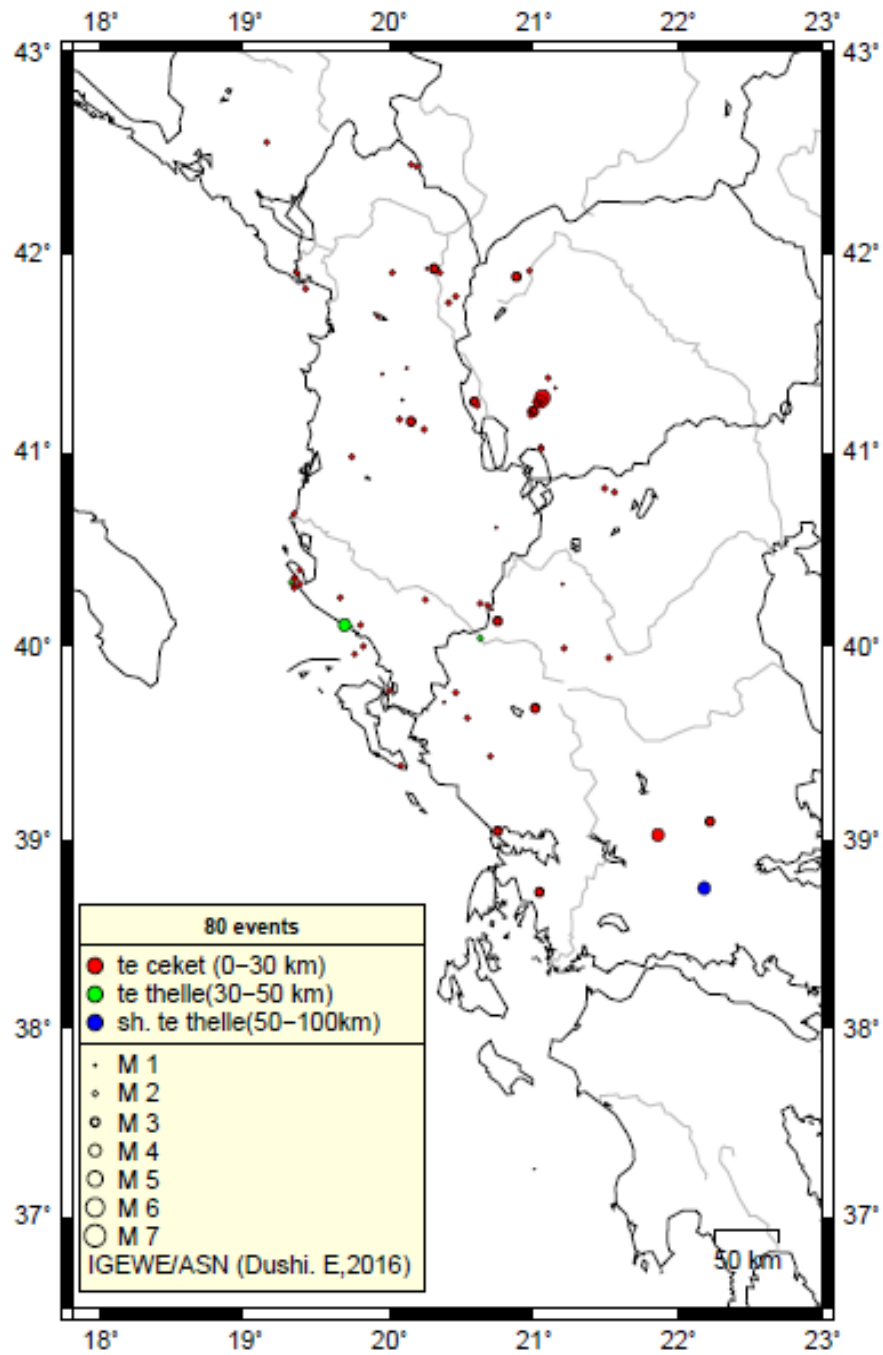
STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		0046	37.12					
PHP	SE	ISG		0046	44.82					

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	06	21	0351	12.67								PHP
GAP=					hor.err=					ver.err=		

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		0351	12.67					
PHP	SE	ISG		0351	14.12					

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	06	21	1529	12.83								PHP
GAP=					hor.err=					ver.err=		

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		1529	12.83					
PHP	SE	ISG		1529	18.71					



**-Fig. 3 -**

Harta e shpërndarjes në hapësirë të epiqendrave, në përputhje me magnitudë (madhësia e simbolit) dhe thellësinë (ngjyra e simbolit); Ngjarjet janë lokalizuar gjatë muajit Qershor 2017, bazuar në regjistrimet e ASN dhe stacioneve sizmologjike në rajon.  
*(Epicentral map for located seismicity within Albania and surrounding during June 2017)*

## Statistika e ngjarjeve (Events Statistics)

**Tab. 5** – Të dhënat përfaqësuese për statistikën e ngjarjeve (representative earthquake statistical data)

Të dhënat përfaqësuese	Representative Parameters	Vlerat (observed values)
Numuri i përgjithshëm i ngjarjeve të regjistruara (kuandrat 39 <sup>o</sup> -43 <sup>o</sup> V; 18.5 <sup>o</sup> -21.5 <sup>o</sup> L)	[total recorded number of seismic events]	47
Numuri i ngjarjeve sizmike brenda kufirit shtetëror	[earthquakes occurred within state border]	37
Thellësia mesatare e vërtuar (km)	[mean observed depth]	12
Thellësia maksimale e vërtuar (km)	[maximum observed depth]	40
Magnituda lokale minimale e vërtuar ( $M_{Ld}$ )	[minimum observed local magnitude]	1.8
Magnituda lokale maksimale e vërtuar ( $M_{Ld}$ )	[maximum observed local magnitude]	4.1
Intensiteti maksimal i vërtuar (MSK-64)	[maximum observed intensity]	IV

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