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**BULETINI SIZMOLOGJIK**

Korrik 2017

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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.	Lartesia	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.	Lartesia	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)***

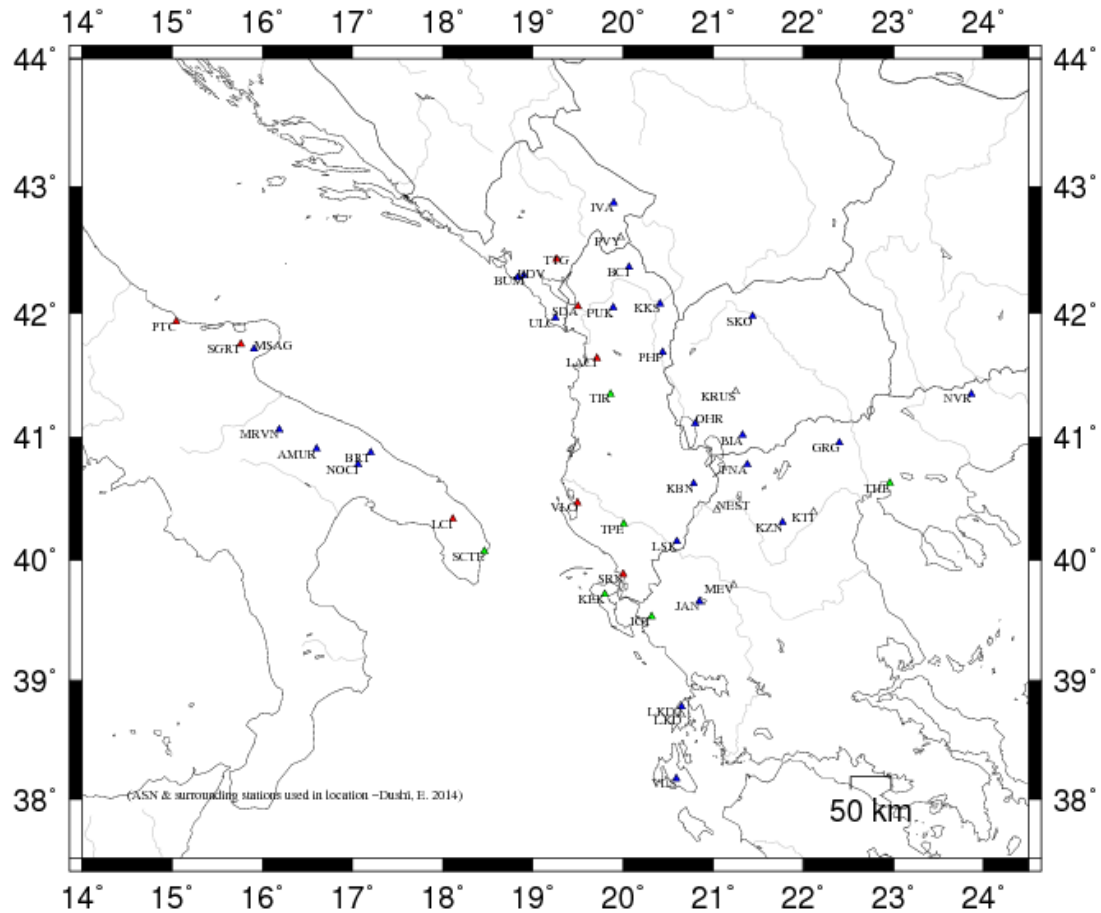
<b>Kodi</b>	<b>Regjistruar (Po/Jo)</b>	<b>Gjer. Gjeo.</b>	<b>Gjat. Gjeo.</b>	<b>Lartesia</b>	<b>Tipi i stacionit</b>	<b>Sensori</b>	<b>Terheqja e Informacionit</b>	<b>Komunikimi</b>	<b>T<sub>0</sub></b>
<b>Station Code</b>	<b>Registered (WDC)</b>	<b>Latitude (degree)</b>	<b>Longitude (degree)</b>	<b>Elev. (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 terminlogjisë 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 epiqendrë), [ <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 in 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  
 2017-07-01 0352 18.10 40 32.58 19E35.93 1.01 0.23 0.50 0.86 2.17 2.36 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 18 12.0 At1 137 6 0 12 6 12 # 3.00 0.77 L 4.00 0.12 D

1 1 JUL 2017, 3:52 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 1.27 274 66>-< 0.53 104 23>-< 0.33 13 3>

REGION= 10 Km L të Vlorës, Rajoni Vlorës ( 10 Km E of Vlora, 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
VLO	AC	HHZ		12.0	227	90	P		20.56	2.46	2.64	0.00	-0.18	1.09		0.383	1.00	14	2.32 D
VLO	AC	HHE		12.0	227	90		6	0.00-18.10	2.64	0.00			0.00		0.000	1.00		28 .20 3.11 L
							S		22.95	4.85	4.62	0.00	0.23	1.09S		0.532			
BPA1	AC	HHZ		20.6	13	61	P		22.25	4.15	4.40	0.00	-0.25	1.09		0.229	1.00	12	2.17 D
BPA1	AC	HHE		20.6	13	61	S		25.75	7.65	7.70	0.00	-0.05	1.09S		0.342			
BPA2	AC	HHZ		20.8	4	61	P		22.50	4.40	4.45	0.00	-0.05	1.09		0.211	1.00	15	2.39 D
BPA2	AC	HHN		20.8	4	61	S		26.18	8.08	7.79	0.00	0.29	1.04S		0.338			
SRN	AC	HHZ		81.2	154	51	P		32.97	14.87	15.21	0.00	-0.34	0.90		0.139	1.00	22	2.77 D
SRN	AC	HHN		81.2	154	51		6	0.00-18.10	15.21	0.00			0.00		0.000	1.00		0.07 .34 1.40 L
							S		45.03	26.93	26.62	0.00	0.31	0.99S		0.339			
SCTE	AC	HHZ		109.1	243	51	P		38.51	20.41	20.00	0.00	0.41	0.60		0.075			
SCTE	AC	HHN		109.1	243	51		6	0.00-18.10	20.00	0.00			0.00		0.000	1.00		0.251.67 2.17 L
							S		52.75	34.65	35.00	0.00	-0.35	0.86S		0.767			
IGT	AC	HHZ		128.5	150	51	P		41.50	23.40	23.34	0.00	0.06	1.09		0.218			
IGT	AC	HHE		128.5	150	51	S		58.85	40.75	40.85	0.00	-0.10	1.09S		0.422			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-01 0424 36.32 40 34.18 19E33.42 2.03 0.25 1.06 1.57 2.25 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  
 9 13 12.4 At1 136 7 0 9 4 9 # 0.00 0.00 L 3.00 0.13 D

1 1 JUL 2017, 4:24 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 1.89 126 55>-< 1.05 294 33>-< 0.38 28 6>



REGION= 13 Km V-L të Vlorës, Rajoni Vlorës ( 13 Km N-E of Vlora, 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
VLO	AC	HHZ		12.4	205	90	P		38.63	2.31	2.71	0.00	-0.40	0.74		0.259	1.00	15	2.38 D
VLO	AC	HHE		12.4	205	90	S		41.36	5.04	4.74	0.00	0.30	1.04S		0.595			
BPA2	AC	HHZ		18.6	16	61	P		40.12	3.80	4.01	0.00	-0.21	1.05		0.271	1.00	13	2.25 D
BPA2	AC	HHN		18.6	16	61	S		43.65	7.33	7.02	0.00	0.31	1.02S		0.326			
BPA1	AC	HHZ		19.0	26	61	P		40.13	3.81	4.09	0.00	-0.28	1.05		0.230	1.00	10	2.00 D
BPA1	AC	HHE		19.0	26	61	S		43.56	7.24	7.16	0.00	0.08	1.05S		0.344			
SCTE	AC	HHZ		107.4	240	51	P		56.39	20.07	19.72	0.00	0.35	0.94		0.201			
SCTE	AC	HHE		107.4	240	51	S		70.61	34.29	34.51	0.00	-0.22	1.05S		0.838			
IGT	AC	HHZ		132.8	149	51	P		60.44	24.12	24.08	0.00	0.04	1.05		0.932			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-01 0623 49.75 40 36.69 19E41.85 1.73 0.20 0.49 1.55 1.97 2.42 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  
 14 20 12.9 At1 103 11 0 12 6 14 - 3.00 0.09 L 4.00 0.17 D

1 1 JUL 2017, 6:23 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 20.55 0 90>-< 0.49 257 0>-< 0.31 347 0>

REGION= 4 Km P të Ballshit, Rajoni Ballshit ( 4 Km W 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		12.9	345	90	P		53.26	3.51	3.62	0.00	-0.11	1.25		0.175	1.00	10	2.17 D
BPA1	AC	HHN		12.9	345	90	S		56.21	6.46	6.34	0.00	0.12	1.25S		0.311			
BPA2	AC	HHZ		14.8	334	90	P		53.61	3.86	3.92	0.00	-0.06	1.25		0.162	1.00	12	2.34 D
BPA2	AC	HHN		14.8	334	90	S		56.69	6.94	6.86	0.00	0.08	1.25S		0.295			
VLO	AC	HHZ		23.3	228	90	P		54.81	5.06	5.29	0.00	-0.23	1.25		0.160	1.00	14	2.50 D
VLO	AC	HHN		23.3	228	90		6	0.00	-49.75	5.29	0.00		0.00		1.000	1.00		29 .20 3.48 L
							S		58.71	8.96	9.26	0.00	-0.30	1.24S		0.380			
SRN	AC	HHZ		85.2	162	90	P		64.22	14.47	15.16	0.00	-0.49	0.10		0.001	1.00	20	2.85 D
SRN	AC	HHE		85.2	162	90		6	60.00	10.25	15.16	0.00		0.00		0.000	1.00		0.19 .30 1.88 L
							S		76.21	26.46	26.53	0.00	-0.07	1.25S		0.288			
LSK	AC	HHZ		92.1	123	90	P		65.37	15.62	16.26	0.00	-0.64*	0.21		0.007			
KBN	AC	HHZ		92.2	88	90	P		65.85	16.10	16.28	0.00	-0.18	1.25		0.339			
SCTE	AC	HHZ		120.1	241	90	P		71.24	21.49	20.72	0.00	0.77*	0.01		0.000			
SCTE	AC	HHE		120.1	241	90		6	60.00	10.25	20.72	0.00		0.00		0.000	1.00		0.13 .57 1.97 L
							S		86.35	36.60	36.26	0.00	0.34	1.20S		0.386			
IGT	AC	HHZ		131.5	155	90	P		72.48	22.73	22.54	0.00	0.19	1.25		0.175			
IGT	AC	HHE		131.5	155	90	S		89.41	39.66	39.44	0.00	0.21	1.25S		0.316			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-13 0129 40.79 40 7.27 19E52.60 0.04 0.14 0.43 1.15 1.93 2.46 2.0

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 14 21 28.8 At1 111 10 0 12 6 14 # 4.00 0.07 L 3.00 0.06 D

1 13 JUL 2017, 1:29 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.16 247 82>-< 0.43 57 7>-< 0.31 146 1>

REGION= Ftterrë, 12 Km L të Himarës, Rajoni Vlorës (Ftterrë, 12 Km E of Himara, Himara 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		28.8	158	61	P		46.66	5.87	5.98	0.00	-0.11	1.02		0.310	1.00	14	2.33	D				
SRN	AC	HHE		28.8	158	61		6	0.00	-40.79	5.98	0.00		0.00		0.000	1.00				1.0	.30	1.96	L
							S		51.15	10.36	10.47	0.00	-0.11	1.02S		0.315								
VLO	AC	HHZ		50.4	321	51	P		50.56	9.77	9.91	0.00	-0.14	1.02		0.280	1.00	16	2.46	D				
VLO	AC	HHN		50.4	321	51		6	0.00	-40.79	9.91	0.00		0.00		0.000	1.00				1.0	.20	2.17	L
							S		58.20	17.41	17.34	0.00	0.07	1.02S		0.652								
LSK	AC	HHZ		61.6	86	51	P		52.48	11.69	11.84	0.00	-0.15	1.02		0.236	1.00	17	2.52	D				
LSK	AC	HHE		61.6	86	51		6	60.00	19.21	11.84	0.00		0.00		0.000	1.00				0.32	.36	1.83	L
							S		61.50	20.71	20.72	0.00	-0.01	1.02S		0.350								
IGT	AC	HHZ		76.1	149	51	P		55.32	14.53	14.33	0.00	0.20	1.02		0.173								
IGT	AC	HHE		76.1	149	51		S	65.96	25.17	25.08	0.00	0.09	1.02S		0.355								
SCTE	AC	HHZ		120.2	269	51	P		62.76	21.97	21.90	0.00	0.07	1.02		0.333								
SCTE	AC	HHE		120.2	269	51		6	60.00	19.21	21.90	0.00		0.00		0.000	1.00				0.11	.23	1.89	L
							S		77.80	37.01	38.33	0.00	-1.32*	0.00S		0.000								
FNA	AC	HHN		147.4	59	51	P		67.20	26.41	26.58	0.00	-0.17	1.02		0.273								
FNA	AC	HHE		147.4	59	51		S	87.37	46.58	46.51	0.00	0.06	1.02S		0.427								
LKD2	AC	HHZ		162.5	155	46	P		70.67	29.88	29.05	0.00	0.43	0.00		0.000								
LKD2	AC	HHN		162.5	155	46		S	91.30	50.51	50.84	0.00	-0.33	0.78S		0.291								

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-14 0542 2.96 41 4.47 19E49.42 15.00 0.50 1.12 2.42 2.39 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  
 21 30 30.5 At1 139 8 0 18 9 19 3.00 0.18 L 0.00 0.00 D

1 14 JUL 2017, 5:42 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.45 320 80>-< 1.13 88 5>-< 0.64 179 7>

REGION= Peqin, Rajoni Elbasanit (Peqin, 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		30.5	6	108	P		9.08	6.12	6.17	0.00	-0.05	1.08		0.252			
TIR	AC	HHN		30.5	6	108	S		14.03	11.07	10.80	0.00	0.27	1.08S		0.465			
TIR	AC	HHE		30.5	6	108		6	0.00	-2.96	6.17	0.00		0.00		0.000	1.00	2.3 .34	2.39 L
VLO	AC	HHZ		72.8	203	92	P		17.27	14.31	13.18	0.00	1.13*	0.46		0.041			
VLO	AC	HHE		72.8	203	92	S		25.54	22.58	23.06	0.00	-0.49	1.08S		0.420			
PHP	AC	HHZ		85.2	37	91	P		16.13	13.17	15.28	0.00	-2.11*	0.00		0.000			
PHP	AC	HHN		85.2	37	91		6	0.00	-2.96	15.28	0.00		0.00		0.000	1.00	0.41 .21	2.21 L
							S		30.75	27.79	26.74	0.00	1.05*	0.60S		0.091			
KBN	AC	HHZ		95.4	121	91	P		19.28	16.32	17.01	0.00	-0.69*	1.05		0.149			
KBN	AC	HHN		95.4	121	91	S		33.07	30.11	29.77	0.00	0.34	1.08S		0.384			
LSK	AC	HHZ		121.8	147	71	P		23.64	20.68	21.26	0.00	-0.58*	1.08		0.075			
LSK	AC	HHN		121.8	147	71	S		40.65	37.69	37.21	0.00	0.48	1.08S		0.174			
LSK	AC	HHE		121.8	147	71		6	0.00	-2.96	21.26	0.00		0.00		0.000	1.00	0.54 .57	2.60 L
SRN	AC	HHZ		133.5	173	71	P		26.07	23.11	23.12	0.00	-0.01	1.08		0.096			
SRN	AC	HHE		133.5	173	71	S		43.87	40.91	40.46	0.00	0.45	1.08S		0.184			
FNA	AC	HHZ		135.4	103	71	P		25.62	22.66	23.42	0.00	-0.76*	1.01		0.095			
FNA	AC	HHE		135.4	103	71	S		44.21	41.25	40.99	0.00	0.26	1.08S		0.328			
BCI	AC	HHZ		144.9	7	71	P		27.75	24.79	24.95	0.00	-0.16	1.08		0.218			
BCI	AC	HHE		144.9	7	71	S		46.42	43.46	43.66	0.00	-0.20	1.08S		0.531			
SCTE	AC	HHZ		159.4	227	71	P		30.74	27.78	27.26	0.00	0.52*	1.08		0.277			
IGT	AC	HHZ		176.6	165	71	P		33.90	30.94	30.01	0.00	0.93*	0.80		0.046			
IGT	AC	HHE		176.6	165	71	S		54.90	51.94	52.52	0.00	-0.58*	1.08S		0.166			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-14 0642 57.01 42 9.01 19E46.91 26.19 0.19 1.21 0.77 2.13 3.18 2.2

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T SOURCE L F X  
 9 13 33.7 At1 229 8 0 7 4 8 3.00 0.23 L 1.00 0.00 D

1 14 JUL 2017, 6:42 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP><-< 1.27 291 18><-< 0.91 54 58><-< 0.50 193 24>

REGION= Palaj, Rajoni Shkoder (Palaj, Shkodra 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
BCI	AC	HHZ		33.7	44	122	P		63.50	6.49	7.42	0.00	-0.93*	0.03		0.000			
BCI	AC	HHN		33.7	44	122	S		69.92	12.91	12.98	0.00	-0.07	1.31S		0.937			
BCI	AC	HHE		33.7	44	122		6	60.00	2.99	7.42	0.00		0.00		0.000	1.00	1.8 .28	2.36 L
PHP	AC	HHZ		75.2	133	100	P		71.53	14.52	13.66	0.00	0.86*	0.12		0.001	1.00	26 3.18 D	
PHP	AC	HHN		75.2	133	100		6	60.00	2.99	13.66	0.00		0.00		0.000	1.00	0.39 .30	2.13 L



NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 19 27 47.6 At1 90 6 0 18 8 19 # 5.00 0.15 L 5.00 0.09 D

1 15 JUL 2017, 11:39 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.89 292 87>-< 0.95 71 2>-< 0.79 161 1>

REGION= 16 Km J-L të Elbasanit, Rajoni Peshkopisë (16 Km S-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		47.6	329	51	P		22.83	10.10	9.43	0.00	0.47	1.08		0.188	1.00	30	3.07 D
TIR	AC	HHN		47.6	329	51		6	0.00-12.73	9.43	0.00			0.00		0.000	1.00		1.6 .40 2.34 L
							S		29.40 16.67	16.50	0.00		0.17	1.08S		0.420			
BPA1	AC	HHZ		51.1	237	51	P		22.68	9.95	10.04	0.00	-0.09	1.08		0.188	1.00	21	2.72 D
BPA1	AC	HHN		51.1	237	51	S		31.31	18.58	17.57	0.00	0.01	0.89S		0.292			
BPA2	AC	HHZ		53.3	239	51	P		23.15	10.42	10.42	0.00	0.00	1.08		0.189	1.00	37	3.27 D
BPA2	AC	HHN		53.3	239	51	S		32.08	19.35	18.24	0.00	0.11	0.76S		0.212			
KBN	AC	HHZ		66.3	126	51	P		26.22	13.49	12.65	0.00	0.24	1.04		0.169	1.00	33	3.16 D
KBN	AC	HHE		66.3	126	51		6	0.00-12.73	12.65	0.00			0.00		0.000	1.00		3.4 .47 2.93 L
							S		34.58 21.85	22.14	0.00	-0.29	1.08S		0.286				
PHP	AC	HHZ		81.7	16	51	P		27.35	14.62	15.29	0.00	-0.67*	1.08		0.201	1.00	33	3.16 D
PHP	AC	HHN		81.7	16	51		6	0.00-12.73	15.29	0.00			0.00		0.000	1.00		3.1 .68 3.05 L
							S		39.63 26.90	26.76	0.00		0.14	1.08S		0.396			
LSK	AC	HHZ		99.5	157	51	P		32.40	19.67	18.36	0.00	1.31*	0.47		0.032			
LSK	AC	HHE		99.5	157	51		6	0.00-12.73	18.36	0.00			0.00		0.000	1.00		1.6 .72 2.90 L
							S		45.22 32.49	32.13	0.00		0.36	1.08S		0.264			
FNA	AC	HHZ		105.7	101	51	P		32.41	19.68	19.42	0.00	0.26	1.08		0.203			
FNA	AC	HHE		105.7	101	51	S		46.91	34.18	33.99	0.00	0.19	1.08S		0.331			
SRN	AC	HHZ		123.0	187	51	P		34.74	22.01	22.39	0.00	-0.38	1.08		0.167			
SRN	AC	HHE		123.0	187	51		6	0.00-12.73	22.39	0.00			0.00		0.000	1.00		0.58 .40 2.63 L
							S		50.87 38.14	39.18	0.00	-1.04*	0.85S		0.188				
BCI	AC	HHZ		154.1	358	46	P		39.81	27.08	27.72	0.00	-0.64*	1.08		0.158			
IGT	AC	HHZ		161.6	174	46	P		40.73	28.00	28.91	0.00	-0.91*	0.99		0.106			
SCTE	AC	HHZ		174.8	236	46	P		41.38	28.65	31.02	0.00	-2.37*	0.00		0.000			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-17 1924 5.62 40 13.07 19E46.37 1.00 0.24 2.41 1.58 1.98 2.46 2.0

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 42.2 At1 244 6 0 8 4 8 # 1.00 0.00 L 1.00 0.00 D

1 17 JUL 2017, 19:24 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 31.73 26 33>-< 2.99 208 56>-< 1.07 117 1>

REGION= Kuc, Rajoni Vlorës (Kuc, 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		42.2	152	51	P		13.18	7.56	8.52	0.00	-0.16	0.88		0.468	1.00	16	2.46 D
SRN	AC	HHN		42.2	152	51		6	0.00	-5.62	8.52	0.00		0.00		0.000	1.00		0.81 .47 1.98 L
							S		19.43	13.81	14.91	0.00	-0.10	0.63S		0.667			
IGT	AC	HHZ		89.9	147	51	P		21.94	16.32	16.70	0.00	-0.38	1.16		0.401			
IGT	AC	HHN		89.9	147	51	S		35.90	30.28	29.22	0.00	0.06	0.71S		0.213			
SCTE	AC	HHZ		112.2	263	51	P		26.51	20.89	20.54	0.00	0.35	1.16		0.473			
SCTE	AC	HHN		112.2	263	51	S		41.44	35.82	35.94	0.00	-0.13	1.16S		0.811			
LKD2	AC	HHZ		176.0	154	46	P		37.12	31.50	31.20	0.00	0.30	1.16		0.308			
LKD2	AC	HHN		176.0	154	46	S		60.61	54.99	54.60	0.00	0.39	1.16S		0.657			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	17	1935	26.77	39 51.15	19E31.69	13.35	0.26	4.81	1.71	1.50	2.53 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
8	12	77.5	At1	191	21	0	6	3	8	#	1.00	0.00 L	1.00 0.00 D

1 17 JUL 2017, 19:35 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 20.18 22 42>-< 2.45 212 46>-< 0.61 117 5>

REGION= Deti Jonë (Ionian 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
SRN	AC	HHZ		40.5	85	92	P		29.35	2.58	7.60	0.00	-0.12	0.00		0.000	1.00	17	2.53 D
SRN	AC	HHN		40.5	85	92		6	0.00	-26.77	7.60	0.00		0.00		0.000	1.00		0.27 .46 1.50 L
							S		36.55	9.78	13.30	0.00	-0.02	0.02S		0.017			
IGT	AC	HHZ		77.5	117	91	P		40.12	13.35	13.95	0.00	-0.40	1.16		0.494			
IGT	AC	HHN		77.5	117	91	S		51.50	24.73	24.41	0.00	0.32	1.16S		0.833			
SCTE	AC	HHZ		93.9	286	90	P		43.81	17.04	16.79	0.00	0.25	1.16		0.495			
SCTE	AC	HHN		93.9	286	90	S		55.96	29.19	29.38	0.00	-0.19	1.16S		0.831			
LKD2	AC	HHZ		153.1	140	68	P		53.89	27.12	26.72	0.00	0.40	1.16		0.493			
LKD2	AC	HHN		153.1	140	68	S		73.31	46.54	46.76	0.00	-0.22	1.16S		0.834			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	18	1646	33.58	41 37.12	19E50.75	25.01	0.12	0.72	1.07	2.09	2.57 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
8	11	30.1	At1	157	18	0	7	2	8		2.00	0.07 L	2.00 0.08 D

1 18 JUL 2017, 16:46 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.30 123 55>-< 0.65 318 33>-< 0.49 224 6>

REGION= 11 Km L të Lacit, Rajoni Lezhës (11 Km E of Laci, Laci 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		30.1	176	123	P		40.43	6.85	6.85	0.00	0.00	1.19		0.473	1.00	13	2.49 D
TIR	AC	HHE		30.1	176	123		6	0.00	-33.58	6.85	0.00		0.00		0.000	1.00		0.85 .28 2.02 L
							S		45.33	11.75	11.99	0.00	-0.24	0.83S		0.551			
PHP	AC	HHZ		50.1	81	107	P		43.12	9.54	9.72	0.00	-0.18	1.14		0.216	1.00	15	2.64 D
PHP	AC	HHN		50.1	81	107		6	0.00	-33.58	9.72	0.00		0.00		0.000	1.00		0.84 .25 2.15 L
							S		50.71	17.13	17.01	0.00	0.12	1.19S		0.612			
BCI	AC	HHZ		85.1	12	90	P		48.75	15.17	15.14	0.00	0.03	1.19		0.864			
FNA	AC	HHZ		159.0	125	90	P		60.65	27.07	26.93	0.00	0.14	1.19		0.494			
FNA	AC	HHN		159.0	125	90	S		80.34	46.76	47.13	0.00	-0.37	0.06S		0.004			
SCTE	AC	HHZ		206.8	215	56	P		67.33	33.75	33.75	0.00	0.00	1.19		0.783			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	19	1453	47.90	40 37.19	20E 0.24	3.00	0.65	0.03	2.99	2.29	3.00 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
18	27	31.6	At1	68	6	0	17	9	18	#	1.00	0.00 L	5.00 0.04 D

1 19 JUL 2017, 14:53 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.99 272 85>-< 1.03 17 1>-< 0.73 108 4>

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		31.6	292	61	P		54.05	6.15	6.53	0.00	-0.38	1.08		0.201	1.00	24	2.85 D
BPA1	AC	HHN		31.6	292	61	S		58.66	10.76	11.43	0.00	-0.67*	1.08S		0.228			
BPA2	AC	HHZ		34.8	291	61	P		54.39	6.49	7.15	0.00	-0.66*	1.08		0.201	1.00	28	3.00 D
BPA2	AC	HHN		34.8	291	61	S		59.79	11.89	12.51	0.00	-0.62*	1.08S		0.228			
VLO	AC	HHZ		46.2	249	51	P		57.50	9.60	9.20	0.00	0.40	1.08		0.141			
VLO	AC	HHE		46.2	249	51	S		64.55	16.65	16.10	0.00	0.55*	1.08S		0.390			
KBN	AC	HHZ		66.3	89	51	P		60.04	12.14	12.65	0.00	-0.51*	1.08		0.181			
KBN	AC	HHN		66.3	89	51		6	60.00	12.10	12.65	0.00		0.00		0.000	1.00		0.78 .46 2.29 L
							S		69.24	21.34	22.14	0.00	-0.80*	1.06S		0.240			
LSK	AC	HHZ		72.6	135	51	P		61.62	13.72	13.74	0.00	-0.02	1.08		0.183	1.00	35	3.21 D
LSK	AC	HHE		72.6	135	51	S		72.59	24.69	24.05	0.00	0.64*	1.08S		0.286			
TIR	AC	HHZ		81.7	352	51	P		62.52	14.62	15.29	0.00	-0.67*	1.08		0.167			
TIR	AC	HHE		81.7	352	51	S		75.54	27.64	26.76	0.00	0.88*	1.00S		0.326			
SRN	AC	HHZ		82.2	181	51	P		62.92	15.02	15.38	0.00	-0.36	1.08		0.193	1.00	27	2.96 D

SRN	AC	HHN	82.2	181	51	S	75.72	27.82	26.92	0.00	0.91*	0.98S	0.336						
FNA	AC	HHZ	118.0	80	51	P	68.73	20.83	21.53	0.00	-0.70*	1.08	0.183						
FNA	AC	HHE	118.0	80	51	S	84.81	36.91	37.68	0.00	-0.77*	1.07S	0.258						
PHP	AC	HHZ	123.8	17	51	P	72.23	24.33	22.53	0.00	0.80*	0.01	0.000	1.00	29	3.03	D		
PHP	AC	HHN	123.8	17	51	S	88.33	40.43	39.43	0.00	1.00*	0.87S	0.247						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	07	19	2308	47.95	41 31.31	19E32.80	2.10	0.17	0.89	0.40	0.48	2.72	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
10	15	32.9	At1	235	9	0	9	4	10	#	1.00	0.00 L	3.00 0.31 D

1 19 JUL 2017, 23:08 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.52 262 66>-< 0.97 85 23>-< 0.46 355 1>

REGION= Shen Pjetër, Rajoni Durrësit ( Shen Pjetër, Durrësi 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		32.9	125	61	P		54.95	7.00	6.77	0.00	0.23	1.02		0.375	1.00	12	2.18 D
TIR	AC	HHN		32.9	125	61		6	0.00-47.95	6.77	0.00			0.00		0.000	1.00		0.31 .43 1.48 L
							S		59.89	11.94	11.85	0.00	0.09	1.06S		0.492			
PHP	AC	HHZ		76.7	76	51	P		62.44	14.49	14.43	0.00	0.06	1.06		0.249	1.00	21	2.72 D
PHP	AC	HHN		76.7	76	51	S		73.16	25.21	25.25	0.00	-0.04	1.06S		0.608			
BCI	AC	HHZ		103.3	24	51	P		66.69	18.74	19.00	0.00	-0.26	0.92		0.364	1.00	29	3.03 D
BCI	AC	HHN		103.3	24	51	S		81.44	33.49	33.25	0.00	0.24	1.00S		0.637			
FNA	AC	HHN		174.8	117	46	P		78.65	30.70	31.00	0.00	-0.30	0.78		0.094			
FNA	AC	HHE		174.8	117	46	S		101.23	53.28	54.25	0.00	-0.97*	0.00S		0.000			
LSK	AC	HHZ		176.3	149	46	P		79.22	31.27	31.24	0.00	0.03	1.06		0.372			
LSK	AC	HHE		176.3	149	46	S		102.74	54.79	54.67	0.00	0.12	1.06S		0.805			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	07	22	0105	25.73	41 16.29	19E35.25	36.46	0.29	0.83	0.75	3.23	3.68	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
24	34	24.7	At1	159	12	0	21	8	24		7.00	0.10 L	5.00 0.05 D

1 22 JUL 2017, 1:05 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 0.93 311 26>-< 0.86 106 61>-< 0.58 216 10>

REGION= 6 Km L të Golemit, Rajoni Durresit (6 Km E of Golemit, Durresi 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	HHE		24.7	69	142		6	0.00	-25.73	7.47	0.00		0.00		0.000	1.00		14 .20 3.33 L
							S		37.00	11.27	13.07	0.00	-0.40	0.00S		0.000			
TIR	AC	HHZ		24.7	69	142	P		32.91	7.18	7.47	0.00	-0.29	1.04		0.253	1.00	32	3.53 D
BPA2	AC	HHN		60.2	177	114	S		46.49	20.76	20.74	0.00	0.02	1.04S		0.263			
BPA2	AC	HHZ		60.2	177	114	P		37.75	12.02	11.85	0.00	0.17	1.04		0.102			
BPA1	AC	HHE		61.2	174	113	S		46.45	20.72	20.98	0.00	-0.26	1.04S		0.263			
BPA1	AC	HHZ		61.2	174	113	P		38.05	12.32	11.99	0.00	0.33	1.04		0.098			
PHP	AC	HHN		84.8	56	104		6	0.00	-25.73	15.44	0.00		0.00		0.000	1.00		3.9 .40 3.23 L
							S		52.60	26.87	27.02	0.00	-0.15	1.04S		0.421			
PHP	AC	HHZ		84.8	56	104	P		41.37	15.64	15.44	0.00	0.20	1.04		0.236	1.00	34	3.60 D
VLO	AC	HHZ		89.5	186	103	P		42.14	16.41	16.15	0.00	0.26	1.04		0.088			
VLO	AC	HHE		89.5	186	103	S		53.91	28.18	28.26	0.00	-0.08	1.04S		0.202			
KBN	AC	HHN		124.0	125	66		6	60.00	34.27	21.35	0.00		0.00		0.000	1.00		2.0 .98 3.21 L
							S		62.90	37.17	37.36	0.00	-0.19	1.04S		0.309			
KBN	AC	HHZ		124.0	125	66	P		47.01	21.28	21.35	0.00	-0.07	1.04		0.104	1.00	38	3.70 D
BCI	AC	HHE		128.0	17	66		6	60.00	34.27	21.91	0.00		0.00		0.000	1.00		2.8 .41 3.38 L
							S		66.91	41.18	38.34	0.00	0.84*	0.00S		0.000			
BCI	AC	HHZ		128.0	17	66	P		49.20	23.47	21.91	0.00	0.56*	0.00		0.000			
LSK	AC	HHE		151.0	145	66		6	60.00	34.27	25.18	0.00		0.00		0.000	1.00		1.6 .50 3.29 L
							S		69.79	44.06	44.07	0.00	-0.01	1.04S		0.248			
LSK	AC	HHZ		151.0	145	66	P		51.41	25.68	25.18	0.00	0.50	1.00		0.075	1.00	37	3.68 D
SRN	AC	HHE		158.4	167	66		6	60.00	34.27	26.22	0.00		0.00		0.000	1.00		0.86 .34 3.06 L
							S		71.21	45.48	45.88	0.00	-0.40	1.04S		0.186			
SRN	AC	HHZ		158.4	167	66	P		51.89	26.16	26.22	0.00	-0.06	1.04		0.070	1.00	39	3.73 D
FNA	AC	HHE		160.6	109	66	P		53.00	27.27	26.53	0.00	0.74*	0.67		0.053			
SCTE	AC	HHN		162.9	216	66		6	60.00	34.27	26.86	0.00		0.00		0.000	1.00		0.51 .23 2.86 L
							S		73.00	47.27	47.00	0.00	0.27	1.04S		0.308			
SCTE	AC	HHZ		162.9	216	66	P		52.40	26.67	26.86	0.00	-0.19	1.04		0.179			
IGT	AC	HHN		203.2	161	58	P		58.39	32.66	32.30	0.00	0.36	1.04		0.086			
NOCI	AC	HHZ		218.9	257	58	P		59.74	34.01	34.38	0.00	-0.37	1.04		0.409			
LKD2	AC	HHZ		290.4	161	58	P		68.82	43.09	43.83	0.00	-0.74*	0.66		0.034			

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

2017-07-22 1259 8.39 40 12.32 20E 0.07 3.06 0.54 0.04 0.01 2.06 2.15 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

15 21 36.1 At1 124 7 0 13 6 13 # 2.00 0.34 L 2.00 0.08 D

1 22 JUL 2017, 12:59 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 3.02 223 84>-< 1.05 60 5>-< 0.76 329 1>

REGION= 10 Km J të Tepelenës, Rajoni Tepelenës (10 Km S of Tepelenës, Tepelena 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		36.1	181	61	P		15.23	6.84	7.40	0.00	-0.56*	1.06		0.335	1.00	18	2.57 D
SRN	AC	HHE		36.1	181	61	S		20.87	12.48	12.95	0.00	-0.47	1.06S		0.438			
SRN	AC	HHN		36.1	181	61		6	0.00	-8.39	7.40	0.00		0.00		0.000	1.00		0.50 .47 1.72 L
LSK	AC	HHZ		51.3	96	51	P		18.58	10.19	10.06	0.00	0.13	1.06		0.230	1.00	21	2.72 D
LSK	AC	HHE		51.3	96	51	S		26.26	17.87	17.60	0.00	0.27	1.06S		0.388			
LSK	AC	HHN		51.3	96	51		6	0.00	-8.39	10.06	0.00		0.00		0.000	1.00		1.7 .60 2.40 L
VLO	AC	HHZ		52.0	305	51	P		17.81	9.42	10.18	0.00	-0.76*	0.92		0.182			
VLO	AC	HHE		52.0	305	51	S		26.82	18.43	17.81	0.00	0.62*	1.05S		0.487			
BPA1	AC	HHZ		64.5	334	51	P		21.22	12.83	12.34	0.00	0.49	1.06		0.236			
BPA1	AC	HHE		64.5	334	51	S		30.59	22.20	21.60	0.00	0.60*	1.06S		0.380			
BPA2	AC	HHZ		66.7	332	51	P		20.21	11.82	12.71	0.00	-0.89*	0.70		0.101			
IGT	AC	HHZ		79.9	159	51	P		24.19	15.80	14.98	0.00	0.82*	0.82		0.113			
IGT	AC	HHN		79.9	159	51	S		35.27	26.88	26.22	0.00	0.67*	1.02S		0.418			
FNA	AC	HHZ		133.5	60	51	P		32.45	24.06	24.20	0.00	-0.14	1.06		0.266			
FNA	AC	HHE		133.5	60	51	S		50.33	41.94	42.35	0.00	-0.41	1.06S		0.420			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	26	1137	36.85	40 37.36	20E22.71	23.13	0.12	0.68	2.69	2.32	3.02 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	34.6	At1	87	14	0	12	6	14	-	2.00 0.32 L	3.00 0.00 D	

1 26 JUL 2017, 11:37 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 29.69 0 90>-< 0.68 208 0>-< 0.58 117 0>

REGION= 18 Km P të Voskopojes, Rajoni Korcës (18 Km W of Voskopoja, Korca 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		34.6	89	90	P		43.81	6.96	7.08	0.00	-0.12	1.15		0.299	1.00	23	3.02 D
KBN	AC	HHN		34.6	89	90		6	0.00	-36.85	7.08	0.00		0.00		0.000	1.00		3.5 .62 2.64 L
							S		49.36	12.51	12.39	0.00	0.12	1.15S		0.486			
LSK	AC	HHZ		55.7	160	90	P		47.01	10.16	10.46	0.00	-0.30	1.15		0.927	1.00	23	3.02 D
LSK	AC	HHN		55.7	160	90		6	0.00	-36.85	10.46	0.00		0.00		0.000	1.00		0.52 .51 2.00 L
							S		55.17	18.32	18.31	0.00	0.01	1.15S		0.296			
BPA1	AC	HHZ		62.1	281	90	P		49.69	12.84	11.47	0.00	0.37	0.00		0.038			
BPA1	AC	HHN		62.1	281	90	S		57.65	20.80	20.07	0.00	0.43	0.84S		0.209			
BPA2	AC	HHZ		65.3	281	90	P		48.66	11.81	11.99	0.00	-0.18	1.15		0.239			
BPA2	AC	HHN		65.3	281	90	S		57.65	20.80	20.98	0.00	-0.18	1.15S		0.394			
SRN	AC	HHZ		88.5	202	90	P		52.18	15.33	15.68	0.00	-0.35	1.15		0.132	1.00	26	3.14 D
SRN	AC	HHN		88.5	202	90	S		64.05	27.20	27.44	0.00	-0.24	1.15S		0.301			
PHP	AC	HHZ		118.1	2	90	P		57.34	20.49	20.40	0.00	0.09	1.15		0.358			

PHP AC HHN 118.1 2 90 S 73.75 36.90 35.70 0.00 0.20 0.02S 0.000  
 IGT AC HHZ 121.2 182 90 P 58.57 21.72 20.90 0.00 0.32 0.63 0.039  
 IGT AC HHN 121.2 182 90 S 73.96 37.11 36.58 0.00 0.43 1.12S 0.276

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-26 1211 4.46 40 35.95 20E21.03 1.00 0.24 0.58 1.68 2.90 2.77 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  
 13 19 37.1 At1 111 6 0 13 6 13 # 2.00 0.21 L 3.00 0.08 D

1 26 JUL 2017, 12:11 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.70 55 81>-< 0.59 194 6>-< 0.39 285 5>

REGION= 17 Km P të Voskopojes, Rajoni Korcës (17 Km W of Voskopoja, Korca 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		37.1	85	61	P		12.36	7.90	7.59	0.00	0.31	1.10		0.342	1.00	15	2.40 D			
KBN	AC	HHN		37.1	85	61		6	0.00	-4.46	7.59	0.00		0.00		0.000	1.00			12	.60	3.11 L
							S		17.61	13.15	13.28	0.00	-0.13	1.12S		0.756						
LSK	AC	HHZ		54.2	157	51	P		14.80	10.34	10.57	0.00	-0.23	1.12		0.203	1.00	22	2.77 D			
LSK	AC	HHN		54.2	157	51		6	0.00	-4.46	10.57	0.00		0.00		0.000	1.00			2.9	.56	2.69 L
							S		23.40	18.94	18.50	0.00	0.44	0.69S		0.219						
BPA1	AC	HHZ		60.3	284	51	P		15.99	11.53	11.63	0.00	-0.10	1.12		0.248						
BPA1	AC	HHN		60.3	284	51	S		25.09	20.63	20.35	0.00	0.28	1.12S		0.406						
BPA2	AC	HHZ		63.6	284	51	P		16.93	12.47	12.18	0.00	0.29	1.11		0.245						
BPA2	AC	HHN		63.6	284	51	S		25.64	21.18	21.31	0.00	-0.13	1.12S		0.407						
SRN	AC	HHZ		85.2	201	51	P		20.16	15.70	15.91	0.00	-0.21	1.12		0.246	1.00	24	2.85 D			
SRN	AC	HHN		85.2	201	51	S		32.45	27.99	27.84	0.00	0.15	1.12S		0.472						
TIR	AC	HHZ		92.6	334	51	P		21.17	16.71	17.17	0.00	-0.46	0.59		0.098						
IGT	AC	HHZ		118.6	181	51	P		26.15	21.69	21.63	0.00	0.06	1.12		0.230						
IGT	AC	HHN		118.6	181	51	S		41.84	37.38	37.85	0.00	-0.47	0.54S		0.122						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-30 1107 8.69 40 28.81 18E48.28 25.92 0.45 0.94 1.65 2.98 3.42 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  
 24 34 53.1 At1 102 12 0 23 10 24 7.00 0.20 L 4.00 0.15 D

1 30 JUL 2017, 11:07 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.67 211 79>-< 0.95 342 6>-< 0.63 72 7>

REGION= Deti Adriatik (adriatik 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
SCTE	AC	HHZ		53.1	213	107	P		19.24	10.55	10.22	0.00	0.33	1.13		0.214			
SCTE	AC	HHE		53.1	213	107		6	0.00	-8.69	10.22	0.00		0.00		0.000	1.00		0.94 .21 2.24 L
							S		26.65	17.96	17.88	0.00	0.08	1.13S		0.435			
VLO	AC	HHZ		58.6	91	105	P		18.54	9.85	11.06	0.00	-0.21	0.30		0.007	1.00	27	3.22 D
VLO	AC	HHN		58.6	91	105		6	0.00	-8.69	11.06	0.00		0.00		0.000	1.00		15 .15 3.50 L
							S		27.06	18.37	19.35	0.00	-0.99*	0.69S		0.099			
BPA2	AC	HHZ		74.3	67	100	P		22.25	13.56	13.50	0.00	0.06	1.13		0.094	1.00	42	3.64 D
BPA2	AC	HHE		74.3	67	100	S		32.47	23.78	23.63	0.00	0.15	1.13S		0.223			
BPA1	AC	HHZ		76.9	69	99	P		22.38	13.69	13.92	0.00	-0.23	1.13		0.089			
BPA1	AC	HHN		76.9	69	99	S		33.42	24.73	24.36	0.00	0.37	1.13S		0.212			
SRN	AC	HHZ		121.7	122	94	P		29.98	21.29	21.02	0.00	0.27	1.13		0.116	1.00	30	3.32 D
SRN	AC	HHN		121.7	122	94		6	0.00	-8.69	21.02	0.00		0.00		0.000	1.00		1.1 .46 2.91 L
							S		44.83	36.14	36.78	0.00	-0.65*	1.12S		0.270			
TIR	AC	HHZ		131.4	42	93	P		30.94	22.25	22.56	0.00	-0.31	1.13		0.114	1.00	37	3.52 D
TIR	AC	HHN		131.4	42	93		6	0.00	-8.69	22.56	0.00		0.00		0.000	1.00		0.69 .66 2.78 L
							S		48.15	39.46	39.48	0.00	-0.02	1.13S		0.262			
NOCI	AC	HHZ		151.2	284	93	P		33.58	24.89	25.71	0.00	-0.82*	0.97		0.168			
NOCI	AC	HHE		151.2	284	93	S		53.93	45.24	44.99	0.00	0.25	1.13S		0.448			
LSK	AC	HHZ		156.9	102	76	P		36.33	27.64	26.60	0.00	1.04*	0.60		0.025			
LSK	AC	HHN		156.9	102	76		6	0.00	-8.69	26.60	0.00		0.00		0.000	1.00		1.6 .56 3.32 L
							S		55.81	47.12	46.55	0.00	0.57*	1.13S		0.206			
KBN	AC	HHZ		168.7	83	62	P		37.40	28.71	28.38	0.00	0.33	1.13		0.113			
KBN	AC	HHN		168.7	83	62		6	0.00	-8.69	28.38	0.00		0.00		0.000	1.00		0.96 .75 3.16 L
							S		58.51	49.82	49.66	0.00	0.16	1.13S		0.271			
PHP	AC	HHZ		191.8	45	62	P		40.11	31.42	31.66	0.00	-0.24	1.13		0.131			
PHP	AC	HHN		191.8	45	62		6	60.00	51.31	31.66	0.00		0.00		0.000	1.00		0.46 .40 2.98 L
							S		63.05	54.36	55.40	0.00	-1.04*	0.58S		0.079			
FNA	AC	HHN		220.8	80	56	P		43.87	35.18	35.51	0.00	-0.33	1.13		0.146			
BCI	AC	HHZ		234.6	26	56	P		46.69	38.00	37.34	0.00	0.66*	1.11		0.187			
LKD2	AC	HHZ		246.1	139	56	P		46.53	37.84	38.86	0.00	-1.02*	0.63		0.079			
SGRT	AC	HHZ		292.1	300	56	P		51.72	43.03	44.94	0.00	-1.91*	0.00		0.000			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	30	1419	24.24	41 23.16	19E34.02	22.12	0.25	0.94	24.06	2.87	3.32 2.9

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	SOURCE
19	26	25.3	At1	196	10	0	16	6	18	-	6.00 0.10 L	3.00 0.22 D	L F X

1 30 JUL 2017, 14:19 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 24.06 0 90>-< 0.94 298 0>-< 0.50 27 0>

REGION= Deti Adriatik (adriatik 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	
TIR	AC	HHZ		25.3	99	90	P		30.00	5.76	5.60	0.00	0.16	1.12		0.097	1.00	20	2.86	D			
TIR	AC	HHN		25.3	99	90		6	0.00	-24.24	5.60	0.00		0.00		0.000	1.00			6.5	.31	2.86	L
							S		34.21	9.97	9.80	0.00	0.17	1.12S		0.349							
BPA2	AC	HHZ		73.0	176	90	P		37.56	13.32	13.20	0.00	0.12	1.12		0.154	1.00	40	3.54	D			
BPA2	AC	HHE		73.0	176	90	S		47.65	23.41	23.10	0.00	0.31	1.12S		0.235							
BPA1	AC	HHZ		74.0	174	90	P		37.56	13.32	13.37	0.00	-0.05	1.12		0.160	1.00	32	3.32	D			
BPA1	AC	HHE		74.0	174	90	S		47.62	23.38	23.40	0.00	-0.02	1.12S		0.230							
PHP	AC	HHZ		80.1	65	90	P		38.45	14.21	14.34	0.00	-0.13	1.12		0.942							
PHP	AC	HHN		80.1	65	90		6	0.00	-24.24	14.34	0.00		0.00		0.000	1.00			1.4	.28	2.72	L
							S		49.52	25.28	25.10	0.00	0.18	1.12S		0.341							
VLO	AC	HHZ		102.1	184	90	P		42.25	18.01	17.84	0.00	0.17	1.12		0.196							
BCI	AC	HHZ		116.6	20	90	P		44.29	20.05	20.16	0.00	-0.11	1.12		0.698							
BCI	AC	HHN		116.6	20	90		6	60.00	35.76	20.16	0.00		0.00		0.000	1.00			1.4	.50	2.97	L
							S		60.82	36.58	35.28	0.00	0.30	0.13S		0.010							
KBN	AC	HHZ		133.1	129	90	P		47.17	22.93	22.79	0.00	0.14	1.12		0.080							
KBN	AC	HHN		133.1	129	90		6	60.00	35.76	22.79	0.00		0.00		0.000	1.00			1.0	.63	2.96	L
							S		63.85	39.61	39.88	0.00	-0.27	1.12S		0.324							
LSK	AC	HHZ		162.6	147	90	P		51.10	26.86	27.50	0.00	-0.64*	1.07		0.077							
FNA	AC	HHZ		166.8	113	90	P		52.33	28.09	28.17	0.00	-0.08	1.12		0.090							
SRN	AC	HHZ		171.2	167	90	P		51.92	27.68	28.87	0.00	-1.19*	0.28		0.007							
SRN	AC	HHN		171.2	167	90		6	60.00	35.76	28.87	0.00		0.00		0.000	1.00			0.48	.43	2.87	L
SCTE	AC	HHZ		172.4	213	90	P		49.65	25.41	29.06	0.00	-0.65*	0.00		0.000							
SCTE	AC	HHE		172.4	213	90		6	60.00	35.76	29.06	0.00		0.00		0.000	1.00			0.36	.41	2.75	L
							S		72.20	47.96	50.85	0.00	-1.90*	0.00S		0.000							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	07	31	1729	44.96	41 16.16	19E29.47	32.78	0.36	0.79	1.25	2.80	3.42	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
	21	29	32.5	At1	124	7	0	18	7	20	7.00	0.24	L 3.00 0.04 D

1 31 JUL 2017, 17:29 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 1.47 103 58>-< 0.93 288 31>-< 0.54 197 2>

REGION= Deti Adriatik (adriatik 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
TIR	AC	HHZ		32.5	74	129	P		53.02	8.06	7.89	0.00	0.17	1.22		0.170	1.00	29	3.38	D		

TIR	AC	HHN	32.5	74	129	6	0.00-44.96	7.89	0.00	0.00	0.000	1.00				2.4	.30	2.54	L	
						S	58.33	13.37	13.81	0.00	-0.44	1.22S	0.427							
BPA2	AC	HHZ	60.8	169	109	P	56.86	11.90	11.73	0.00	0.17	1.22	0.136	1.00	30	3.42	D			
BPA2	AC	HHN	60.8	169	109	S	65.47	20.51	20.53	0.00	-0.02	1.22S	0.268							
BPA1	AC	HHZ	62.2	167	108	P	56.91	11.95	11.93	0.00	0.02	1.22	0.127							
BPA1	AC	HHN	62.2	167	108	S	64.99	20.03	20.88	0.00	-0.25	0.70S	0.084							
VLO	AC	HHZ	88.9	179	98	P	62.03	17.07	15.95	0.00	0.12	0.14	0.001							
VLO	AC	HHE	88.9	179	98	6	60.00	15.04	15.95	0.00		0.00	0.000	1.00			1.1	.46	2.69	L
						S	73.21	28.25	27.91	0.00	0.34	1.22S	0.244							
PHP	AC	HHZ	91.8	59	98	P	61.30	16.34	16.39	0.00	-0.05	1.22	0.112	1.00	36	3.60	D			
PHP	AC	HHN	91.8	59	98	6	60.00	15.04	16.39	0.00		0.00	0.000	1.00			2.3	.30	3.04	L
						S	73.84	28.88	28.68	0.00	0.20	1.22S	0.272							
KBN	AC	HHZ	130.6	122	93	P	67.42	22.46	22.39	0.00	0.07	1.22	0.113							
KBN	AC	HHN	130.6	122	93	6	60.00	15.04	22.39	0.00		0.00	0.000	1.00			1.0	.43	2.95	L
						S	84.81	39.85	39.18	0.00	0.67*	1.06S	0.313							
BCI	AC	HHZ	131.0	21	93	P	67.09	22.13	22.45	0.00	-0.32	1.22	0.214							
BCI	AC	HHN	131.0	21	93	6	60.00	15.04	22.45	0.00		0.00	0.000	1.00			1.9	.30	3.22	L
						S	84.65	39.69	39.29	0.00	0.40	1.22S	0.348							
LSK	AC	HHZ	155.6	142	66	P	70.62	25.66	26.05	0.00	-0.39	1.22	0.230							
LSK	AC	HHE	155.6	142	66	6	60.00	15.04	26.05	0.00		0.00	0.000	1.00			0.49	.57	2.80	L
SCTE	AC	HHZ	158.1	214	66	P	70.12	25.16	26.40	0.00	-1.24*	0.04	0.000							
SRN	AC	HHZ	160.2	164	66	P	72.38	27.42	26.70	0.00	0.72*	0.97	0.130							
SRN	AC	HHN	160.2	164	66	6	60.00	15.04	26.70	0.00		0.00	0.000	1.00			0.26	.34	2.55	L
						S	90.36	45.40	46.72	0.00	-1.32*	0.00S	0.000							
FNA	AC	HHZ	168.1	108	66	P	72.23	27.27	27.83	0.00	-0.56*	1.19	0.257							
NOCI	AC	HHZ	211.0	257	58	P	78.56	33.60	33.63	0.00	-0.03	1.22	0.544							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	31	1946	13.57	41 13.40	20E17.46	0.52	0.25	0.44	1.33	2.42	2.96 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
18	27	38.3	Atl	104	9	0	15	7	18		6.00 0.14 L	5.00 0.15 D	SOURCE

1 31 JUL 2017, 19:46 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.33 3 86>-< 0.44 248 1>-< 0.38 158 3>

REGION= Kuterman, Rajoni Elbasanit (Kuterman, 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		38.3	292	51	P		21.56	7.99	7.76	0.00	0.23	1.13		0.193	1.00	27	2.96	D	
TIR	AC	HHN		38.3	292	51	6		0.00-13.57	7.76	0.00		0.00	0.000	1.00			1.8	.15	2.29	L
							S		26.94	13.37	13.58	0.00	-0.21	1.13S		0.411					
PHP	AC	HHZ		52.7	13	51	P		24.17	10.60	10.25	0.00	0.35	1.12		0.229	1.00	23	2.81	D	

PHP	AC	HHN	52.7	13	51	6	0.00-13.57	10.25	0.00	0.00	0.000	1.00			1.2	.21	2.29	L	
						S	31.59	18.02	17.94	0.00	0.08	1.13S	0.549						
BPA1	AC	HHZ	77.1	225	51	P	28.10	14.53	14.43	0.00	0.10	1.13	0.179	1.00	41	3.37	D		
BPA1	AC	HHN	77.1	225	51	S	39.18	25.61	25.25	0.00	0.36	1.11S	0.279						
KBN	AC	HHZ	78.6	147	51	P	28.59	15.02	14.70	0.00	0.32	1.13	0.191	1.00	26	2.93	D		
KBN	AC	HHE	78.6	147	51	6	0.00-13.57	14.70	0.00	0.00	0.000	1.00			1.1	.57	2.56	L	
						S	39.46	25.89	25.73	0.00	0.16	1.13S	0.280						
BPA2	AC	HHZ	78.8	227	51	P	28.31	14.74	14.72	0.00	0.02	1.13	0.180	1.00	37	3.27	D		
BPA2	AC	HHN	78.8	227	51	S	39.08	25.51	25.76	0.00	-0.25	1.13S	0.293						
FNA	AC	HHZ	104.2	117	51	P	32.27	18.70	19.09	0.00	-0.39	1.08	0.197						
FNA	AC	HHN	104.2	117	51	S	46.87	33.30	33.41	0.00	-0.11	1.13S	0.373						
LSK	AC	HHZ	122.0	167	51	P	34.81	21.24	22.15	0.00	-0.91*	0.00	0.000						
LSK	AC	HHN	122.0	167	51	6	0.00-13.57	22.15	0.00	0.00	0.00	0.000	1.00		0.49	.50	2.55	L	
						S	52.32	38.75	38.76	0.00	-0.01	1.13S	0.246						
BCI	AC	HHE	128.3	352	51	6	0.00-13.57	23.24	0.00	0.00	0.000	1.00		0.59	.40	2.68	L		
						S	55.37	41.80	40.67	0.00	1.13*	0.00S	0.000						
BCI	AC	HHN	128.3	352	51	P	36.50	22.93	23.24	0.00	-0.31	1.13	0.221						
SRN	AC	HHZ	151.2	190	51	P	40.38	26.81	27.17	0.00	-0.36	1.11	0.169						
SRN	AC	HHE	151.2	190	51	6	60.00	46.43	27.17	0.00	0.00	0.000	1.00		0.11	.47	2.10	L	
						S	61.90	48.33	47.55	0.00	0.78*	0.09S	0.001						

### 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	SOURCE
2017-07-02	0939	6.66	41 12.45	20E56.31	2.01	0.36	0.43	2.62	4.12	4.09	4.1		
NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
20	30	60.3	At1	170	10	0	18	8	20		4.00	0.34	L 7.00 0.08 D

1 2 JUL 2017, 9:39 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.65 59 81>-< 0.84 245 8>-< 0.52 155 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		60.3	141	62	P		18.53	11.87	11.35	0.00	0.12	1.01		0.245			
FNA	AC	HHN		60.3	141	62	S		26.28	19.62	19.86	0.00	-0.24	1.05S		0.540			
KBN	AC	HHZ		66.1	192	62	P		18.43	11.77	12.34	0.00	-0.37	0.97		0.144	1.00	92	4.15 D
KBN	AC	HHN		66.1	192	62		6	0.00	-6.66	12.34	0.00		0.00		0.000	1.00		88 .50 4.34 L
							S		26.30	19.64	21.60	0.00	-0.46	0.00S		0.000			
PHP	AC	HHZ		67.4	323	62	P		19.67	13.01	12.56	0.00	0.45	1.04		0.184	1.00	109	4.31 D
PHP	AC	HHN		67.4	323	62		6	0.00	-6.66	12.56	0.00		0.00		0.000	1.00		19 .77 3.68 L
							S		28.11	21.45	21.98	0.00	-0.30	1.00S		0.313			
TIR	AC	HHZ		91.3	281	62	P		23.08	16.42	16.67	0.00	-0.25	1.05		0.161	1.00	58	3.70 D
TIR	AC	HHN		91.3	281	62		6	0.00	-6.66	16.67	0.00		0.00		0.000	1.00		18 .95 3.89 L
							S		35.73	29.07	29.17	0.00	-0.10	1.05S		0.215			
BPA1	AC	HHZ		120.6	244	62	P		29.22	22.56	21.71	0.00	0.45	0.47		0.035	1.00	84	4.06 D
BPA1	AC	HHN		120.6	244	62	S		44.37	37.71	37.99	0.00	-0.28	1.05S		0.229			
LSK	AC	HHZ		120.9	194	62	P		27.96	21.30	21.76	0.00	-0.46	1.04		0.167	1.00	87	4.09 D
LSK	AC	HHN		120.9	194	62		6	0.00	-6.66	21.76	0.00		0.00		0.000	1.00		51 .74 4.56 L
							S		43.34	36.68	38.08	0.00	-0.40	0.00S		0.000			
BPA2	AC	HHZ		123.1	245	62	P		29.39	22.73	22.14	0.00	0.29	0.94		0.142			
BPA2	AC	HHN		123.1	245	62	S		45.66	39.00	38.74	0.00	0.26	1.05S		0.229			
BCI	AC	HHZ		147.7	331	62	P		32.98	26.32	26.36	0.00	-0.04	1.05		0.204	1.00	68	3.86 D
BCI	AC	HHN		147.7	331	62	S		53.02	46.36	46.13	0.00	0.23	1.05S		0.408			
SRN	AC	HHZ		167.5	209	55	P		35.89	29.23	29.55	0.00	-0.32	1.05		0.097	1.00	94	4.17 D
SRN	AC	HHN		167.5	209	55	S		58.54	51.88	51.71	0.00	0.17	1.05S		0.277			
IGT	AC	HHZ		193.2	196	55	P		40.39	33.73	33.64	0.00	0.09	1.05		0.103			
IGT	AC	HHN		193.2	196	55	S		65.81	59.15	58.87	0.00	0.28	1.05S		0.298			

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YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-07-03 1118 17.93 41 12.31 20E57.83 6.81 0.38 0.70 1.45 5.18 5.28 5.3

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T SOURCE  
29 40 58.8 At1 139 8 0 23 10 25 5.00 0.20 L 6.00 0.13 D L F X

1 3 JUL 2017, 11:18 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>< 1.45 351 86>< 0.70 228 2>< 0.52 138 3>

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		58.8	142	90	S		37.28	19.35	18.81	0.00	0.54*	1.10S		0.301			
FNA	AC	HHZ		58.8	142	90	P		28.52	10.59	10.75	0.00	-0.16	1.11		0.182	1.00	229	5.03 D
KBN	AC	HHN		66.3	194	90	S		38.21	20.28	21.07	0.00	-0.79*	0.84S		0.140			
KBN	AC	HHZ		66.3	194	90	P		29.28	11.35	12.04	0.00	-0.69*	0.99		0.095	1.00	289	5.26 D
KBN	AC	HHE		66.3	194	90		6	0.00	-17.93	12.04	0.00		0.00		0.000	1.00		602 .66 5.18 L



PHP	AC	HHN	68.9	321	90	6	0.00-17.93	12.46	0.00	0.00	0.000	1.00				108	.34	4.47	L
						S	37.96	20.03	21.81	0.00	-1.78*	0.00S	0.000						
PHP	AC	HHZ	68.9	321	90	P	30.65	12.72	12.46	0.00	0.26	1.11	0.197	1.00	306		5.31		D
TIR	AC	HHN	93.4	281	90	S	46.91	28.98	29.19	0.00	-0.21	1.11S	0.237						
TIR	AC	HHZ	93.4	281	90	P	34.35	16.42	16.68	0.00	-0.26	1.11	0.132	1.00	232		5.05		D
TIR	AC	HHE	93.4	281	90	6	0.00-17.93	16.68	0.00	0.00	0.000	1.00				60	.60	4.43	L
LSK	AC	HHZ	121.2	195	90	P	39.24	21.31	21.45	0.00	-0.14	1.11	0.116	1.00	302		5.30		D
LSK	AC	HHN	121.2	195	90	S	56.64	38.71	37.54	0.00	1.17*	0.16S	0.005						
LSK	AC	HHE	121.2	195	90	6	60.00	42.07	21.45	0.00	0.00	0.000	1.00			332	.69	5.38	L
BPA1	AC	HHZ	122.4	245	90	P	39.83	21.90	21.66	0.00	0.24	1.11	0.113						
BPA2	AC	HHZ	124.9	246	90	P	40.12	22.19	22.09	0.00	0.10	1.11	0.113						
VLO	AC	HHZ	148.4	238	68	P	44.45	26.52	26.02	0.00	0.50*	1.11	0.068						
VLO	AC	HHN	148.4	238	68	S	63.84	45.91	45.53	0.00	0.38	1.11S	0.220						
BCI	AC	HHE	149.0	331	68	S	63.56	45.63	45.67	0.00	-0.04	1.11S	0.429						
BCI	AC	HHZ	149.0	331	68	P	43.83	25.90	26.10	0.00	-0.20	1.11	0.196						
BCI	AC	HHN	149.0	331	68	6	60.00	42.07	26.10	0.00	0.00	0.000	1.00			153	.83	5.23	L
SRN	AC	HHZ	168.3	210	68	P	46.93	29.00	29.18	0.00	-0.18	1.11	0.061						
SRN	AC	HHE	168.3	210	68	S	68.80	50.87	51.06	0.00	-0.20	1.11S	0.196						
THE	AC	HHZ	180.1	110	68	P	49.56	31.63	31.06	0.00	0.57*	1.09	0.190	1.00	375		5.51		D
THE	AC	HHN	180.1	110	68	S	71.79	53.86	54.35	0.00	-0.49	1.11S	0.401						
IGT	AC	HHE	193.5	197	68	S	76.07	58.14	58.10	0.00	0.04	1.11S	0.186						
IGT	AC	HHZ	193.5	197	68	P	51.95	34.02	33.20	0.00	0.82*	0.80	0.032						
SCTE	AC	HHZ	245.4	241	50	P	56.71	38.78	40.71	0.00	-1.93*	0.00	0.000						
LKD2	AC	HHE	269.5	186	50	S	94.64	76.71	76.82	0.00	-0.11	1.11S	0.374						
LKD2	AC	HHZ	269.5	186	50	P	60.73	42.80	43.90	0.00	-1.10*	0.26	0.005						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-07-03 1147 8.14 41 10.25 20E57.63 6.80 0.18 0.77 2.46 2.79 3.32 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 17 56.0 At1 168 12 0 9 5 10 2.00 0.11 L 2.00 0.02 D SOURCE

1 3 JUL 2017, 11:47 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP><-< 2.49 210 80><-< 0.78 58 8><-< 0.35 326 4>

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	56.0	140	90	P	18.67	10.53	10.27	0.00	0.26	1.04	0.329	1.00	38	3.30	D		
FNA	AC	HHE	56.0	140	90	S	25.93	17.79	17.97	0.00	-0.18	1.07S	0.552						
KBN	AC	HHZ	62.5	194	90	P	19.95	11.81	11.39	0.00	0.42	0.51	0.056	1.00	39	3.33	D		
KBN	AC	HHN	62.5	194	90	S	27.93	19.79	19.93	0.00	-0.14	1.07S	0.654						
KBN	AC	HHE	62.5	194	90	6	0.00	-8.14	11.39	0.00	0.00	0.000	1.00			2.21.00	2.68	L	

PHP	AC	HHZ	71.7	323	90	P	20.83	12.69	12.95	0.00	-0.26	1.03	0.280								
PHP	AC	HHN	71.7	323	90	S	30.86	22.72	22.66	0.00	0.06	1.07S	0.477								
TIR	AC	HHZ	93.9	283	90	P	25.10	16.96	16.76	0.00	0.20	1.07	0.189								
TIR	AC	HHE	93.9	283	90	S	37.44	29.30	29.33	0.00	-0.03	1.07S	0.459								
BCI	AC	HHZ	152.2	332	68	P	35.42	27.28	26.61	0.00	0.67*	0.00	0.000								
BCI	AC	HHE	152.2	332	68	S	54.71	46.57	46.57	0.00	0.00	1.07S	0.999								
BCI	AC	HHN	152.2	332	68		6	60.00	51.86	26.61	0.00	0.00	0.000	1.00				0.69	.51	2.90	L

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	03	1154	47.90	41 11.42	20E55.77	3.43	0.26	0.90	2.62	3.22	3.2

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	59.3	At1	175	13	0	9	5	12		0.00	0.00	L	3.00	0.06	D

1 3 JUL 2017, 11:54 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.67 48 79>-< 0.91 237 10>-< 0.44 146 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		59.3	139	62	P		58.64	10.74	11.05	0.00	-0.31	1.11		0.390	1.00	33	3.16	D
FNA	AC	HHN		59.3	139	62	S		67.24	19.34	19.34	0.00	0.00	1.11S		0.651				
KBN	AC	HHZ		64.1	191	62	P		59.94	12.04	11.86	0.00	0.18	1.11		0.366	1.00	39	3.32	D
KBN	AC	HHN		64.1	191	62	S		68.33	20.43	20.75	0.00	-0.32	1.11S		0.365				
PHP	AC	HHZ		68.4	324	62	P		60.73	12.83	12.62	0.00	0.21	1.11		0.332	1.00	35	3.22	D
PHP	AC	HHN		68.4	324	62	S		69.98	22.08	22.08	0.00	-0.01	1.11S		0.654				
TIR	AC	HHZ		90.9	282	62	P		64.53	16.63	16.48	0.00	0.15	1.11		0.333				
TIR	AC	HHE		90.9	282	62	S		76.39	28.49	28.84	0.00	-0.35	1.11S		0.430				
BCI	AC	HHZ		149.0	332	55	P		76.22	28.32	26.45	0.00	1.87*	0.03		0.000				
BCI	AC	HHN		149.0	332	55	S		91.71	43.81	46.29	0.00	-2.48*	0.00S		0.000				
IGT	AC	HHZ		191.1	196	55	P		83.17	35.27	33.16	0.00	2.11*	0.00		0.000				
IGT	AC	HHN		191.1	196	55	S		106.38	58.48	58.03	0.00	0.45	1.11S		0.474				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	03	1208	27.34	41 11.27	20E54.73	0.03	0.33	1.13	2.14	3.60	3.6

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	60.1	At1	165	11	0	11	5	12	#	0.00	0.00	L	2.00	0.14	D

1 3 JUL 2017, 12:08 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.24 75 72>-< 1.18 245 17>-< 0.55 336 2>

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		60.1	138	51	P		39.16	11.82	11.58	0.00	0.24	1.08		0.457	1.00	45	3.46 D
FNA	AC	HHE		60.1	138	51	S		46.88	19.54	20.26	0.00	-0.73*	0.56S		0.350			
KBN	AC	HHZ		63.5	190	51	P		39.47	12.13	12.17	0.00	-0.04	1.08		0.294	1.00	60	3.73 D
KBN	AC	HHN		63.5	190	51	S		47.42	20.08	21.30	0.00	-1.22*	0.00S		0.000			
PHP	AC	HHZ		67.8	325	51	P		40.09	12.75	12.90	0.00	-0.15	1.08		0.240			
PHP	AC	HHN		67.8	325	51	S		50.03	22.69	22.57	0.00	0.11	1.08S		0.367			
TIR	AC	HHZ		89.5	282	51	P		44.06	16.72	16.64	0.00	0.08	1.08		0.337			
TIR	AC	HHN		89.5	282	51	S		55.95	28.61	29.12	0.00	-0.51*	1.01S		0.468			
BCI	AC	HHZ	148.6	333		51	P		53.74	26.40	26.78	0.00	-0.38	1.08		0.258			
BCI	AC	HHE	148.6	333		51	S		74.63	47.29	46.86	0.00	0.42	1.07S		0.446			
IGT	AC	HHZ	190.5	196		46	P		61.47	34.13	33.51	0.00	0.62*	0.80		0.133			
IGT	AC	HHE	190.5	196		46	S		86.15	58.81	58.64	0.00	0.17	1.08S		0.645			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	07	03	0154	10.35	41 12.74	20E56.04	7.67	0.39	0.41	1.90	3.90	4.07	3.9

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
20	30	61.0	At1	170	14	0	19	9	20		4.00	0.09 L	4.00 0.05 D

1 3 JUL 2017, 1:54 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 1.90 1 86>-< 0.81 241 1>-< 0.52 151 3>

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		61.0	141	91	P		21.54	11.19	11.11	0.00	0.08	1.20		0.314			
FNA	AC	HHN		61.0	141	91	S		29.84	19.49	19.44	0.00	0.05	1.20S		0.515			
KBN	AC	HHZ		66.5	191	91	P		21.26	10.91	12.07	0.00	-0.16	0.52		0.028	1.00	83	4.06 D
KBN	AC	HHN		66.5	191	91	S	6	0.00	-10.35	12.07	0.00		0.00		0.000	1.00		27 .63 3.84 L
							S		29.63	19.28	21.12	0.00	-0.24	0.00S		0.000			
PHP	AC	HHZ		66.7	323	91	P		22.24	11.89	12.10	0.00	-0.21	1.20		0.203	1.00	67	3.85 D
PHP	AC	HHN		66.7	323	91	S	6	0.00	-10.35	12.10	0.00		0.00		0.000	1.00		10 .41 3.41 L
							S		31.33	20.98	21.17	0.00	-0.19	1.20S		0.313			
TIR	AC	HHZ		90.8	280	91	P		26.48	16.13	16.25	0.00	-0.12	1.20		0.108	1.00	84	4.07 D
TIR	AC	HHN		90.8	280	91	S		39.11	28.76	28.44	0.00	0.32	1.20S		0.220			
BPA1	AC	HHZ	120.5	244		90	P		32.37	22.02	21.38	0.00	0.34	1.19		0.099			
BPA1	AC	HHN	120.5	244		90	S		47.28	36.93	37.41	0.00	-0.48	1.20S		0.257			
LSK	AC	HHZ	121.3	194		90	P		30.50	20.15	21.52	0.00	-0.37	0.19		0.003	1.00	92	4.15 D
LSK	AC	HHN	121.3	194		90	S	6	0.00	-10.35	21.52	0.00		0.00		0.000	1.00		14 .63 4.01 L

STATION	COMP	DEPTH	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T	
BPA2	AC	HHZ	123.0	245	90	P	32.21	21.86	21.81	0.00	0.05	1.20	0.100								
BPA2	AC	HHN	123.0	245	90	S	48.71	38.36	38.17	0.00	0.19	1.20S	0.256								
BCI	AC	HHZ	147.1	331	68	P	37.54	27.19	25.74	0.00	0.45	0.10	0.002								
BCI	AC	HHN	147.1	331	68	S	55.48	45.13	45.04	0.00	0.09	1.20S	0.640								
SRN	AC	HHZ	167.8	209	68	P	39.11	28.76	29.05	0.00	-0.29	1.20	0.116								
SRN	AC	HHN	167.8	209	68	S	60.49	50.14	50.84	0.00	-0.40	1.17S	0.330								
IGT	AC	HHZ	193.6	196	68	P	43.70	33.35	33.16	0.00	0.19	1.20	0.129								
IGT	AC	HHN	193.6	196	68	S	69.01	58.66	58.03	0.00	0.43	1.19S	0.339								

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	03	1151	45.07	41 11.72	20E55.11	2.03	0.25	0.87	1.57	2.45	2.77 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
13	19	60.4	At1	167	9	0	12	6	13	#	3.00	0.13 L	4.00 0.05 D

1 3 JUL 2017, 11:51 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.59 66 80>-< 0.88 242 9>-< 0.39 152 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		60.4	139	51	P		56.84	11.77	11.63	0.00	0.14	1.04		0.338	1.00	23	2.81	D		
FNA	AC	HHN		60.4	139	51	S		65.16	20.09	20.35	0.00	-0.26	1.04S		0.639						
KBN	AC	HHZ		64.4	190	51	P		57.18	12.11	12.33	0.00	-0.22	1.04		0.240	1.00	21	2.72	D		
KBN	AC	HHN		64.4	190	51	S	6	60.00	14.93	12.33	0.00	0.00	0.00		0.000	1.00				1.2	.47 2.45 L
									66.24	21.17	21.58	0.00	-0.41	0.89S		0.267						
PHP	AC	HHZ		67.4	324	51	P		57.87	12.80	12.84	0.00	-0.04	1.04		0.254	1.00	21	2.72	D		
PHP	AC	HHN		67.4	324	51	S	6	60.00	14.93	12.84	0.00	0.00	0.00		0.000	1.00				0.67	.43 2.24 L
									67.77	22.70	22.47	0.00	0.23	1.04S		0.351						
TIR	AC	HHN		89.9	282	51	S		74.01	28.94	29.22	0.00	-0.28	1.04S		0.425						
TIR	AC	HHZ		89.9	282	51	P		61.71	16.64	16.70	0.00	-0.06	1.04		0.267						
LSK	AC	HHZ		119.2	194	51	P		66.53	21.46	21.74	0.00	-0.28	1.04		0.246	1.00	27	2.96	D		
BCI	AC	HHZ		148.1	332	51	P		71.29	26.22	26.70	0.00	-0.48	0.70		0.125						
BCI	AC	HHE		148.1	332	51	S	6	60.00	14.93	26.70	0.00	0.00	0.00		0.000	1.00				0.35	.41 2.58 L
									91.97	46.90	46.72	0.00	0.18	1.04S		0.419						
IGT	AC	HHZ		191.4	196	46	P		80.24	35.17	33.66	0.00	1.51*	0.00		0.000						
IGT	AC	HHE		191.4	196	46	S		104.27	59.20	58.90	0.00	0.29	1.03S		0.425						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
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2017-07-03 1154 48.36 41 10.59 20E55.01 6.40 0.26 0.85 2.87 2.87 3.10 2.9

SOURCE

NSTA NPBS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
14 21 58.9 At1 164 9 0 12 7 14 4.00 0.13 L 5.00 0.03 D

1 3 JUL 2017, 11:54 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 2.88 207 83>-< 0.85 64 4>-< 0.39 333 3>

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		58.9	137	90	P		58.64	10.28	10.74	0.00	-0.46	1.07		0.308	1.00	33	3.16 D
FNA	AC	HHN		58.9	137	90	S		67.24	18.88	18.80	0.00	0.08	1.07S		0.505			
KBN	AC	HHZ		62.4	191	90	P		59.94	11.58	11.34	0.00	0.24	1.07		0.125	1.00	39	3.33 D
KBN	AC	HHN		62.4	191	90		6	60.00	11.64	11.34	0.00		0.00		0.000	1.00		3.0 .60 2.81 L
									67.99	19.63	19.85	0.00	-0.22	1.07S		0.303			
PHP	AC	HHZ		69.1	325	90	P		60.73	12.37	12.49	0.00	-0.12	1.07		0.266	1.00	30	3.07 D
PHP	AC	HHN		69.1	325	90	S		69.98	21.62	21.86	0.00	-0.24	1.07S		0.418			
TIR	AC	HHZ		90.2	283	90	P		64.53	16.17	16.12	0.00	0.05	1.07		0.166	1.00	31	3.10 D
TIR	AC	HHE		90.2	283	90		6	60.00	11.64	16.12	0.00		0.00		0.000	1.00		1.0 .41 2.63 L
									76.39	28.03	28.21	0.00	-0.18	1.07S		0.398			
LSK	AC	HHZ		117.1	194	90	P		69.44	21.08	20.75	0.00	0.33	1.07		0.126	1.00	30	3.07 D
LSK	AC	HHN		117.1	194	90		6	60.00	11.64	20.75	0.00		0.00		0.000	1.00		1.8 .50 3.07 L
									84.38	36.02	36.31	0.00	-0.29	1.07S		0.320			
BCI	AC	HHZ		149.9	333	68	P		76.22	27.86	26.27	0.00	0.59*	0.00		0.000			
BCI	AC	HHN		149.9	333	68		6	60.00	11.64	26.27	0.00		0.00		0.000	1.00		0.74 .50 2.92 L
									94.55	46.19	45.97	0.00	0.22	1.07S		0.945			
IGT	AC	HHZ		189.3	196	68	P		83.17	34.81	32.57	0.00	2.24*	0.00		0.000			
IGT	AC	HHN		189.3	196	68	S		106.38	58.02	57.00	0.00	1.02*	0.27S		0.114			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-07-03 1205 38.39 41 12.56 20E58.17 8.96 0.53 1.91 3.44 3.33 3.3

SOURCE

NSTA NPBS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
12 18 58.9 At1 172 21 0 10 5 12 # 0.00 0.00 L 3.00 0.00 D

1 3 JUL 2017, 12:05 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 3.48 59 81>-< 1.94 239 8>-< 0.84 329 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
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FNA	AC	HHZ	58.9	143	93	P	49.93	11.54	10.77	0.00	0.77*	1.00	0.315	1.00	30	3.08	D
FNA	AC	HHE	58.9	143	93	S	56.68	18.29	18.85	0.00	-0.56*	1.01S	0.522				
KBN	AC	HHZ	66.8	194	92	P	50.10	11.71	12.12	0.00	-0.41	1.01	0.219	1.00	39	3.33	D
KBN	AC	HHN	66.8	194	92	S	56.72	18.33	21.21	0.00	-2.88*	0.00S	0.000				
PHP	AC	HHZ	68.8	321	92	P	50.96	12.57	12.47	0.00	0.10	1.01	0.223	1.00	39	3.33	D
PHP	AC	HHN	68.8	321	92	S	60.21	21.82	21.82	0.00	0.00	1.01S	0.351				
TIR	AC	HHZ	93.8	280	92	P	54.28	15.89	16.76	0.00	-0.87*	0.96	0.176				
TIR	AC	HHN	93.8	280	92	S	68.13	29.74	29.33	0.00	0.41	1.01S	0.537				
BCI	AC	HHZ	148.8	331	68	P	66.48	28.09	25.94	0.00	2.15*	0.00	0.000				
BCI	AC	HHE	148.8	331	68	S	83.45	45.06	45.39	0.00	-0.33	1.01S	0.790				
IGT	AC	HHZ	194.1	197	68	P	72.38	33.99	33.16	0.00	0.83*	0.97	0.204				
IGT	AC	HHN	194.1	197	68	S	96.16	57.77	58.03	0.00	-0.26	1.01S	0.658				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-07-03 1401 18.21 41 10.67 20E53.65 3.31 0.27 0.79 2.10 2.55 2.74 2.6

SOURCE

NSTA	NPBS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X
17	25	60.3	At1	163	20	0	14	7	16		6.00	0.20 L	4.00	0.14	D

1 3 JUL 2017, 14:01 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 2.11 99 87>-< 0.79 246 2>-< 0.36 335 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		60.3	136	62	P		29.56	11.35	11.23	0.00	0.12	1.15		0.322			
FNA	AC	HHE		60.3	136	62	S		37.58	19.37	19.65	0.00	-0.28	1.15S		0.600			
KBN	AC	HHZ		62.2	189	62	P		29.48	11.27	11.55	0.00	-0.28	1.15		0.191	1.00	18	2.58 D
KBN	AC	HHN		62.2	189	62	S		38.62	20.41	20.21	0.00	0.20	1.15S		0.332			
KBN	AC	HHE		62.2	189	62		6	0.00	-18.21	11.55	0.00		0.00		0.000	1.00		1.5 .56 2.50 L
PHP	AC	HHZ		67.9	327	62	P		30.59	12.38	12.53	0.00	-0.15	1.15		0.265	1.00	19	2.63 D
PHP	AC	HHN		67.9	327	62		6	0.00	-18.21	12.53	0.00		0.00		0.000	1.00		1.5 .14 2.59 L
							S		40.32	22.11	21.93	0.00	0.18	1.15S		0.294			
TIR	AC	HHZ		88.3	283	62	P		33.81	15.60	16.04	0.00	-0.44	1.12		0.240	1.00	24	2.85 D
TIR	AC	HHE		88.3	283	62		6	0.00	-18.21	16.04	0.00		0.00		0.000	1.00		0.41 .41 2.22 L
							S		46.22	28.01	28.07	0.00	-0.06	1.15S		0.409			
LSK	AC	HHZ		116.9	193	62	P		39.23	21.02	20.95	0.00	0.07	1.15		0.194	1.00	29	3.04 D
LSK	AC	HHN		116.9	193	62		6	0.00	-18.21	20.95	0.00		0.00		0.000	1.00		1.3 .50 2.94 L
							S		54.72	36.51	36.66	0.00	-0.15	1.15S		0.348			
BCI	AC	HHZ		148.9	333	55	P		45.08	26.87	26.44	0.00	0.43	1.12		0.185			
BCI	AC	HHE		148.9	333	55		6	60.00	41.79	26.44	0.00		0.00		0.000	1.00		0.78 .46 2.93 L
							S		64.30	46.09	46.27	0.00	-0.18	1.15S		0.497			
SRN	AC	HHZ		162.8	209	55	P		48.26	30.05	28.66	0.00	1.39*	0.00		0.000			

SRN	AC	HHN	162.8	209	55	6	60.00	41.79	28.66	0.00	0.00	0.000	1.00	0.23	.60	2.49	L
						S	69.38	51.17	50.15	0.00	1.01*	0.01S	0.000				
IGT	AC	HHZ	189.0	195	55	P	51.52	33.31	32.83	0.00	0.48	1.07	0.105				
IGT	AC	HHE	189.0	195	55	S	76.54	58.33	57.45	0.00	0.88*	0.15S	0.009				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	03	1434	48.42	41 10.67	20E54.90	1.76	0.26	0.70	1.44	2.78	2.97 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
17	25	59.1	At1	164	18	0	14	8	16		6.00	0.11 L	5.00	0.19	D

1 3 JUL 2017, 14:34 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.47 64 77>-< 0.72 247 12>-< 0.36 157 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		59.1	137	51	P		59.83	11.41	11.17	0.00	0.24	1.13		0.342					
FNA	AC	HHN		59.1	137	51	S		67.69	19.27	19.55	0.00	-0.28	1.13S		0.632					
KBN	AC	HHZ		62.5	190	51	P		60.37	11.95	11.75	0.00	0.20	1.13	0.231	1.00	27	2.97	D		
KBN	AC	HHE		62.5	190	51	S	6	60.00	11.58	11.75	0.00	0.00	0.000	1.00			3.3	.46	2.85	L
							S		68.44	20.02	20.56	0.00	-0.44	0.88S		0.127					
PHP	AC	HHZ		68.9	326	51	P		61.02	12.60	12.85	0.00	-0.25	1.13	0.264	1.00	20	2.68	D		
PHP	AC	HHN		68.9	326	51	S	6	60.00	11.58	12.85	0.00	0.00	0.000	1.00			1.9	.23	2.71	L
							S		70.90	22.48	22.49	0.00	-0.01	1.13S		0.361					
TIR	AC	HHZ		90.0	283	51	P		64.74	16.32	16.48	0.00	-0.16	1.13	0.277	1.00	22	2.77	D		
TIR	AC	HHE		90.0	283	51	S	6	60.00	11.58	16.48	0.00	0.00	0.000	1.00			0.75	.30	2.50	L
							S		77.08	28.66	28.84	0.00	-0.18	1.13S		0.339					
LSK	AC	HHZ		117.2	194	51	P		69.63	21.21	21.16	0.00	0.05	1.13	0.235	1.00	29	3.04	D		
LSK	AC	HHN		117.2	194	51	S		85.10	36.68	37.03	0.00	-0.35	1.13S		0.219					
LSK	AC	HHE		117.2	194	51	S	6	60.00	11.58	21.16	0.00	0.00	0.000	1.00			1.2	.54	2.89	L
BCI	AC	HHZ		149.7	333	51	P		76.03	27.61	26.74	0.00	0.87*	0.07	0.001	1.00	33	3.16	D		
BCI	AC	HHE		149.7	333	51	S	6	60.00	11.58	26.74	0.00	0.00	0.000	1.00			1.0	.63	3.07	L
							S		95.36	46.94	46.79	0.00	0.15	1.13S		0.417					
SRN	AC	HHZ		163.6	209	46	P		78.09	29.67	28.97	0.00	0.70*	0.43	0.027						
SRN	AC	HHN		163.6	209	46	S	6	60.00	11.58	28.97	0.00	0.00	0.000	1.00			0.35	1.10	2.68	L
							S		99.47	51.05	50.70	0.00	0.35	1.13S		0.273					
IGT	AC	HHZ		189.4	196	46	P		82.73	34.31	33.09	0.00	1.22*	0.00	0.000						
IGT	AC	HHN		189.4	196	46	S		106.55	58.13	57.91	0.00	0.22	1.13S		0.248					

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
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2017-07-03 1508 6.74 41 9.57 20E53.59 1.79 0.31 0.80 1.68 2.43 2.77 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  
14 21 58.9 At1 161 11 0 12 7 14 4.00 0.14 L 3.00 0.04 D

1 3 JUL 2017, 15:08 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 1.70 65 79>-< 0.81 245 10>-< 0.42 155 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		58.9	135	51	P		18.13	11.39	11.13	0.00	0.26	1.15	0.386							
FNA	AC	HHE		58.9	135	51	S		26.09	19.35	19.48	0.00	-0.13	1.15S	0.617							
KBN	AC	HHZ		60.2	189	51	P		18.46	11.72	11.35	0.00	0.37	1.15	0.301	1.00	19	2.63	D			
KBN	AC	HHN		60.2	189	51		6	0.00	-6.74	11.35	0.00		0.00	0.000	1.00		1.8	.50	2.55	L	
							S		26.13	19.39	19.86	0.00	-0.47	1.14S	0.253							
PHP	AC	HHZ		69.5	328	51	P		19.13	12.39	12.96	0.00	-0.27	1.05	0.270	1.00	22	2.77	D			
PHP	AC	HHN		69.5	328	51		6	0.00	-6.74	12.96	0.00		0.00	0.000	1.00		0.71	.25	2.30	L	
							S		29.28	22.54	22.68	0.00	-0.14	1.15S	0.360							
TIR	AC	HHZ		88.7	284	51	P		22.79	16.05	16.25	0.00	-0.20	1.15	0.343	1.00	23	2.81	D			
TIR	AC	HHE		88.7	284	51		6	0.00	-6.74	16.25	0.00		0.00	0.000	1.00		0.46	.50	2.28	L	
							S		35.37	28.63	28.44	0.00	0.19	1.15S	0.351							
BCI	AC	HHZ		150.6	334	46	P		34.80	28.06	26.89	0.00	0.17	0.51	0.000							
BCI	AC	HHE		150.6	334	46		6	0.00	-6.74	26.89	0.00		0.00	0.000	1.00		0.42	.43	2.68	L	
							S		54.11	47.37	47.06	0.00	0.31	1.15S	0.469							
SRN	AC	HHZ		161.0	209	46	P		36.60	29.86	28.54	0.00	1.32*	0.00	0.000							
SRN	AC	HHN		161.0	209	46	S		56.82	50.08	49.94	0.00	0.14	1.15S	0.322							
IGT	AC	HHZ		187.0	196	46	P		40.30	33.56	32.69	0.00	0.87*	0.42	0.031							
IGT	AC	HHN		187.0	196	46	S		63.93	57.19	57.21	0.00	-0.02	1.15S	0.291							

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-07-03 1614 12.68 41 10.59 20E54.99 2.33 0.26 0.60 1.66 3.67 3.40 3.7

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
21 30 58.9 At1 135 11 0 17 7 20 6.00 0.19 L 6.00 0.11 D

1 3 JUL 2017, 16:14 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 1.66 66 87>-< 0.60 245 2>-< 0.33 155 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		58.9	137	62	P		24.21	11.53	11.07	0.00	0.46	1.11	0.216	1.00	28	3.00	D



FNA	AC	HHN	58.9	137	62	S	32.10	19.42	19.37	0.00	0.05	1.18S	0.425							
KBN	AC	HHZ	62.3	191	62	P	24.31	11.63	11.67	0.00	-0.04	1.18	0.153	1.00	48	3.52	D			
KBN	AC	HHE	62.3	191	62	S	32.78	20.10	20.42	0.00	-0.32	1.18S	0.232							
KBN	AC	HHN	62.3	191	62	6	0.00	-12.68	11.67	0.00		0.00	0.000	1.00			25	.60	3.74	L
PHP	AC	HHZ	69.0	326	62	P	25.24	12.56	12.82	0.00	-0.26	1.18	0.194	1.00	46	3.48	D			
PHP	AC	HHN	69.0	326	62	6	0.00	-12.68	12.82	0.00		0.00	0.000	1.00			14	.46	3.57	L
						S	35.16	22.48	22.43	0.00	0.05	1.18S	0.287							
TIR	AC	HHZ	90.1	283	62	P	28.93	16.25	16.45	0.00	-0.20	1.18	0.174	1.00	39	3.32	D			
TIR	AC	HHE	90.1	283	62	6	0.00	-12.68	16.45	0.00		0.00	0.000	1.00			4.7	.50	3.30	L
						S	41.22	28.54	28.79	0.00	-0.25	1.18S	0.298							
LSK	AC	HHZ	117.1	194	62	P	33.82	21.14	21.08	0.00	0.06	1.18	0.153	1.00	54	3.64	D			
LSK	AC	HHN	117.1	194	62	6	0.00	-12.68	21.08	0.00		0.00	0.000	1.00			13	.72	3.94	L
						S	49.52	36.84	36.89	0.00	-0.05	1.18S	0.238							
BPA1	AC	HHZ	117.5	246	62	P	34.07	21.39	21.14	0.00	0.25	1.18	0.183							
BPA1	AC	HHE	117.5	246	62	S	50.56	37.88	36.99	0.00	0.88*	0.09S	0.002							
BPA2	AC	HHZ	120.0	247	62	P	34.70	22.02	21.57	0.00	0.45	1.12	0.164							
BCI	AC	HHZ	149.9	333	55	P	39.17	26.49	26.70	0.00	-0.21	1.18	0.159	1.00	38	3.30	D			
BCI	AC	HHE	149.9	333	55	6	0.00	-12.68	26.70	0.00		0.00	0.000	1.00			111.03		4.07	L
						S	59.76	47.08	46.72	0.00	0.35	1.18S	0.455							
SRN	AC	HHZ	163.5	209	55	P	42.42	29.74	28.88	0.00	0.86*	0.13	0.001							
SRN	AC	HHN	163.5	209	55	6	60.00	47.32	28.88	0.00		0.00	0.000	1.00			2.91.08		3.59	L
						S	62.14	49.46	50.54	0.00	-1.08*	0.00S	0.000							
THE	AC	HHZ	182.7	108	55	P	44.27	31.59	31.95	0.00	-0.36	1.18	0.305							
IGT	AC	HHZ	189.3	196	55	P	46.70	34.02	33.00	0.00	1.02*	0.00	0.000							
IGT	AC	HHN	189.3	196	55	S	70.52	57.84	57.75	0.00	0.09	1.18S	0.353							

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-07-03 1803 21.95 41 11.34 20E55.46 1.21 0.24 0.51 1.26 4.08 3.71 4.1

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T SOURCE L F X  
24 34 59.5 At1 137 11 0 21 10 22 7.00 0.24 L 4.00 0.03 D

1 3 JUL 2017, 18:03 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP><-< 1.30 55 76><-< 0.53 243 13><-< 0.35 153 2>

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		59.5	139	51	P		33.55	11.60	11.32	0.00	0.28	1.12		0.208						
FNA	AC	HHN		59.5	139	51	S		41.86	19.91	19.81	0.00	0.10	1.12S		0.488						
KBN	AC	HHZ		63.8	191	51	P		33.99	12.04	12.06	0.00	-0.02	1.12		0.149	1.00	59	3.72	D		
KBN	AC	HHN		63.8	191	51	S		42.42	20.47	21.10	0.00	-0.24	0.70S		0.070						
KBN	AC	HHE		63.8	191	51	6		0.00	-21.95	12.06	0.00		0.00		0.000	1.00		42	.60	3.98	L



PHP	AC	HHN	68.3	329	90	6	0.00-21.00	12.37	0.00	0.00	0.000	1.00				5.6	.46	3.17	L
						S	42.54	21.54	21.65	0.00	-0.11	1.07S	0.342						
TIR	AC	HHZ	87.1	284	90	P	36.77	15.77	15.60	0.00	0.17	1.07	0.188	1.00	36	3.25	D		
TIR	AC	HHN	87.1	284	90	6	0.00-21.00	15.60	0.00	0.00	0.000	1.00				1.9	.60	2.88	L
						S	48.43	27.43	27.30	0.00	0.13	1.07S	0.456						
LSK	AC	HHZ	115.0	192	90	P	41.57	20.57	20.39	0.00	0.18	1.07	0.130	1.00	60	3.74	D		
LSK	AC	HHN	115.0	192	90	6	0.00-21.00	20.39	0.00	0.00	0.000	1.00				5.4	.68	3.54	L
						S	56.43	35.43	35.68	0.00	-0.25	1.04S	0.219						
BCI	AC	HHZ	149.5	334	68	P	47.13	26.13	26.24	0.00	-0.11	1.07	0.235						
BCI	AC	HHE	149.5	334	68	6	60.00	39.00	26.24	0.00	0.00	0.000	1.00			3.4	.62	3.58	L
						S	66.92	45.92	45.92	0.00	0.00	1.07S	0.508						
SRN	AC	HHZ	160.7	208	68	P	50.02	29.02	28.01	0.00	1.01*	0.00	0.000	1.00	47	3.51	D		
SRN	AC	HHE	160.7	208	68	6	60.00	39.00	28.01	0.00	0.00	0.000	1.00			3.6	.93	3.68	L
						S	70.03	49.03	49.02	0.00	0.01	1.07S	0.422						
IGT	AC	HHZ	187.1	195	68	P	54.03	33.03	32.22	0.00	0.81*	0.00	0.000						
IGT	AC	HHE	187.1	195	68	S	77.45	56.45	56.38	0.00	0.07	1.07S	0.402						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	03	1828	14.40	41 12.38	20E56.72	3.09	0.24	0.55	1.81	3.57	3.30 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
20	29	59.9	At1	138	13	0	16	9	19		6.00	0.20 L	6.00 0.13 D

1 3 JUL 2017, 18:28 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.82 53 83>-< 0.55 245 6>-< 0.33 155 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		59.9	141	62	P		26.15	11.75	11.18	0.00	0.27	0.71	0.101			
FNA	AC	HHE		59.9	141	62	S		34.13	19.73	19.56	0.00	0.17	1.17S	0.441			
KBN	AC	HHZ		66.1	192	62	P		26.44	12.04	12.24	0.00	-0.20	1.17	0.204	1.00	46	3.48 D
KBN	AC	HHE		66.1	192	62	S		35.86	21.46	21.42	0.00	0.04	1.17S	0.176			
KBN	AC	HHN		66.1	192	62	6		0.00-14.40	12.24	0.00	0.00	0.000	1.00			12 .28	3.49 L
PHP	AC	HHZ		67.8	322	62	P		26.93	12.53	12.54	0.00	-0.01	1.17	0.224	1.00	35	3.22 D
PHP	AC	HHN		67.8	322	62	6		0.00-14.40	12.54	0.00	0.00	0.000	1.00			10 .81	3.44 L
							S		36.15	21.75	21.94	0.00	-0.20	1.17S	0.342			
TIR	AC	HHZ		91.9	281	62	P		30.78	16.38	16.67	0.00	-0.29	1.17	0.209	1.00	46	3.48 D
TIR	AC	HHE		91.9	281	62	6		0.00-14.40	16.67	0.00	0.00	0.000	1.00			3.3 .51	3.15 L
							S		43.54	29.14	29.17	0.00	-0.03	1.17S	0.248			
LSK	AC	HHZ		120.9	195	62	P		36.00	21.60	21.67	0.00	-0.07	1.17	0.205	1.00	41	3.37 D
LSK	AC	HHN		120.9	195	62	6		0.00-14.40	21.67	0.00	0.00	0.000	1.00			9.6 .86	3.84 L
							S		52.40	38.00	37.92	0.00	0.08	1.17S	0.177			

BPA1	AC	HHZ	121.1	245	62	P	36.48	22.08	21.69	0.00	0.39	1.13	0.208								
BPA1	AC	HHE	121.1	245	62	S	52.73	38.33	37.96	0.00	0.37	1.14S	0.244								
BCI	AC	HHZ	148.1	331	62	P	41.68	27.28	26.33	0.00	0.45	0.70	0.000	1.00	35	3.22	D				
BCI	AC	HHE	148.1	331	62	S	60.00	45.60	26.33	0.00	0.00	0.00	0.000	1.00				7.2	.81	3.90	L
						S	60.74	46.34	46.08	0.00	0.26	1.17S	0.405								
SRN	AC	HHZ	167.6	209	55	P	44.69	30.29	29.45	0.00	0.84*	0.04	0.000	1.00	31	3.10	D				
SRN	AC	HHN	167.6	209	55	S	60.00	45.60	29.45	0.00	0.00	0.00	0.000	1.00				3.1	.93	3.65	L
						S	65.46	51.06	51.54	0.00	-0.48	0.97S	0.186								
THE	AC	HHZ	181.6	109	55	P	45.90	31.50	31.67	0.00	-0.17	1.17	0.349								
IGT	AC	HHZ	193.2	196	55	P	48.85	34.45	33.53	0.00	0.92*	0.00	0.000								
IGT	AC	HHN	193.2	196	55	S	72.94	58.54	58.68	0.00	-0.14	1.17S	0.273								

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	07	03	1830	9.92	41 11.19	20E56.25	2.05	0.25	0.54	1.81	4.07	3.75	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	
22	32	58.6	At1	137	10	0	21	10	22		6.00	0.14 L	5.00	0.08 D

1 3 JUL 2017, 18:30 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 1.82 48 83>-< 0.55 249 5>-< 0.35 159 2>

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	58.6	139	62	P		21.64	11.72	11.05	0.00	0.47	1.09	0.006							
FNA	AC	HHE	58.6	139	62	S		29.26	19.34	19.34	0.00	0.00	1.09S	0.456							
KBN	AC	HHZ	63.8	192	62	P		21.98	12.06	11.94	0.00	0.12	1.09	0.161	1.00	56	3.67	D			
KBN	AC	HHN	63.8	192	62	S	6	0.00	-9.92	11.94	0.00	0.00	0.00	0.000	1.00			51	.47	4.06	L
						S		30.35	20.43	20.89	0.00	-0.47	0.82S	0.092							
PHP	AC	HHZ	69.2	324	62	P		23.00	13.08	12.87	0.00	0.21	1.09	0.171	1.00	61	3.75	D			
PHP	AC	HHN	69.2	324	62	S	6	0.00	-9.92	12.87	0.00	0.00	0.00	0.000	1.00			25	.40	3.83	L
						S		32.10	22.18	22.52	0.00	-0.34	1.07S	0.312							
TIR	AC	HHZ	91.6	282	62	P		26.39	16.47	16.73	0.00	-0.26	1.09	0.145	1.00	61	3.75	D			
TIR	AC	HHE	91.6	282	62	S	6	0.00	-9.92	16.73	0.00	0.00	0.00	0.000	1.00			9.5	.40	3.61	L
						S		39.10	29.18	29.28	0.00	-0.10	1.09S	0.220							
LSK	AC	HHZ	118.6	195	62	P		31.04	21.12	21.36	0.00	-0.24	1.09	0.160	1.00	70	3.88	D			
LSK	AC	HHE	118.6	195	62	S	6	0.00	-9.92	21.36	0.00	0.00	0.00	0.000	1.00			20	.46	4.13	L
						S		47.56	37.64	37.38	0.00	0.26	1.09S	0.163							
BPA1	AC	HHZ	119.5	245	62	P		31.72	21.80	21.52	0.00	0.28	1.09	0.154							
BPA1	AC	HHN	119.5	245	62	S		47.86	37.94	37.66	0.00	0.28	1.09S	0.202							
BPA2	AC	HHZ	122.1	246	62	P		31.55	21.63	21.95	0.00	-0.32	1.08	0.151							
VLO	AC	HHZ	145.4	238	62	P		36.98	27.06	25.97	0.00	1.09*	0.00	0.000							
VLO	AC	HHE	145.4	238	62	S		55.57	45.65	45.45	0.00	0.20	1.09S	0.195							

BCI	AC	HHZ	149.7	332	62	P	36.73	26.81	26.71	0.00	0.10	1.09	0.186	1.00	55	3.65	D				
BCI	AC	HHN	149.7	332	62		6	0.00	-9.92	26.71	0.00		0.000	1.00				17	.50	4.28	L
						S		56.84	46.92	46.74	0.00	0.18	1.09S	0.376							
SRN	AC	HHZ	165.4	209	55	P	38.87	28.95	29.21	0.00	-0.26	1.09	0.087								
SRN	AC	HHN	165.4	209	55		6	60.00	50.08	29.21	0.00		0.000	1.00				8.4	.56	4.07	L
						S		60.58	50.66	51.12	0.00	-0.46	0.84S	0.148							
THE	AC	HHZ	181.4	109	55	P	41.73	31.81	31.77	0.00	0.04	1.09	0.315								
IGT	AC	HHZ	190.9	196	55	P	43.72	33.80	33.28	0.00	0.52*	0.62	0.030								
IGT	AC	HHE	190.9	196	55	S	68.24	58.32	58.24	0.00	0.08	1.09S	0.262								

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	07	03	2005	57.60	41 9.78	20E53.31	8.08	0.25	0.75	1.61	2.87	3.20	2.9

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	59.4	Atl	161	13	0	13	8	16		6.00	0.13	L 5.00 0.03 D

SOURCE

1 3 JUL 2017, 20:05 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.63 70 81>-< 0.76 248 8>-< 0.38 158 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		59.4	135	92	P	68.58	10.98	10.85	0.00	0.13	1.02		0.292								
FNA	AC	HHE		59.4	135	92	S	76.43	18.83	18.99	0.00	-0.16	1.02S		0.504								
KBN	AC	HHZ		60.5	189	92	P	68.90	11.30	11.03	0.00	0.27	1.02		0.123	1.00	33	3.17	D				
KBN	AC	HHN		60.5	189	92		6	60.00	2.40	11.03	0.00		0.000	1.00				2.5	.72	2.70	L	
							S		76.84	19.24	19.30	0.00	-0.06	1.02S	0.241								
PHP	AC	HHZ		69.0	328	92	P	69.66	12.06	12.49	0.00	-0.43	1.01		0.197	1.00	27	2.97	D				
PHP	AC	HHN		69.0	328	92		6	60.00	2.40	12.49	0.00		0.000	1.00					2.6	.15	2.85	L
							S		79.51	21.91	21.86	0.00	0.05	1.02S	0.325								
TIR	AC	HHZ		88.2	284	91	P	73.12	15.52	15.80	0.00	-0.28	1.02		0.166	1.00	34	3.20	D				
TIR	AC	HHN		88.2	284	91		6	60.00	2.40	15.80	0.00		0.000	1.00					0.80	.47	2.51	L
							S		85.33	27.73	27.65	0.00	0.08	1.02S	0.411								
LSK	AC	HHZ		115.2	193	91	P	78.68	21.08	20.44	0.00	0.44	0.74		0.061	1.00	38	3.30	D				
LSK	AC	HHE		115.2	193	91		6	60.00	2.40	20.44	0.00		0.000	1.00					1.4	.72	2.95	L
							S		93.39	35.79	35.77	0.00	0.02	1.02S	0.241								
BCI	AC	HHZ		150.1	334	68	P	85.07	27.47	26.21	0.00	1.26*	0.00		0.000	1.00	35	3.22	D				
BCI	AC	HHE		150.1	334	68		6	60.00	2.40	26.21	0.00		0.000	1.00					1.6	.93	3.25	L
							S		103.70	46.10	45.87	0.00	0.23	1.02S	0.616								
SRN	AC	HHZ		161.1	209	68	P	86.72	29.12	27.96	0.00	1.16*	0.00		0.000								
SRN	AC	HHE		161.1	209	68		6	60.00	2.40	27.96	0.00		0.000	1.00					0.57	.80	2.88	L
							S		106.62	49.02	48.93	0.00	0.09	1.02S	0.415								
IGT	AC	HHZ		187.3	195	68	P	91.27	33.67	32.13	0.00	1.54*	0.00		0.000								

IGT AC HHE 187.3 195 68 S 113.50 55.90 56.23 0.00 -0.33 1.02S 0.402

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-07-03 2037 35.32 41 10.00 20E53.76 1.94 0.28 0.75 1.55 2.94 3.13 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 24 59.3 At1 163 15 0 15 8 16 6.00 0.21 L 4.00 0.07 D

1 3 JUL 2017, 20:37 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 1.58 63 77>-< 0.77 248 12>-< 0.37 158 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		59.3	136	51	P		46.78	11.46	11.18	0.00	0.28	1.10		0.314						
FNA	AC	HHE		59.3	136	51	S		54.65	19.33	19.56	0.00	-0.24	1.10S		0.645						
KBN	AC	HHZ		61.0	189	51	P		46.95	11.63	11.48	0.00	0.15	1.10		0.217	1.00	36	3.24	D		
KBN	AC	HHN		61.0	189	51		6	0.00	-35.32	11.48	0.00		0.00		0.000	1.00			5.0	.47	3.01 L
									55.21	19.89	20.09	0.00	-0.20	1.10S		0.236						
PHP	AC	HHZ		69.0	327	51	P		47.81	12.49	12.85	0.00	-0.36	1.10		0.216	1.00	27	2.97	D		
PHP	AC	HHN		69.0	327	51		6	0.00	-35.32	12.85	0.00		0.00		0.000	1.00			2.2	.40	2.77 L
									58.02	22.70	22.49	0.00	0.21	1.10S		0.345						
TIR	AC	HHZ		88.7	284	51	P		51.74	16.42	16.24	0.00	0.18	1.10		0.249	1.00	33	3.16	D		
TIR	AC	HHN		88.7	284	51		6	60.00	24.68	16.24	0.00		0.00		0.000	1.00			0.89	.51	2.56 L
									63.46	28.14	28.42	0.00	-0.28	1.10S		0.351						
LSK	AC	HHZ		115.7	193	51	P		56.32	21.00	20.87	0.00	0.13	1.10		0.221	1.00	31	3.10	D		
LSK	AC	HHE		115.7	193	51		6	60.00	24.68	20.87	0.00		0.00		0.000	1.00			2.3	.75	3.18 L
									71.57	36.25	36.52	0.00	-0.27	1.10S		0.244						
BCI	AC	HHZ		150.0	333	51	P		61.65	26.33	26.77	0.00	-0.44	1.05		0.207						
BCI	AC	HHE		150.0	333	51		6	60.00	24.68	26.77	0.00		0.00		0.000	1.00			1.6	.51	3.26 L
									82.42	47.10	46.85	0.00	0.25	1.10S		0.388						
SRN	AC	HHZ		161.8	209	46	P		65.47	30.15	28.65	0.00	1.50*	0.00		0.000						
SRN	AC	HHN		161.8	209	46		6	60.00	24.68	28.65	0.00		0.00		0.000	1.00			0.56	.63	2.87 L
									85.69	50.37	50.14	0.00	0.23	1.10S		0.311						
IGT	AC	HHZ		187.8	196	46	P		68.86	33.54	32.81	0.00	0.73*	0.40		0.022						
IGT	AC	HHN		187.8	196	46	S		93.49	58.17	57.42	0.00	0.75*	0.35S		0.027						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-07-03 2103 51.48 41 10.21 20E53.41 6.01 0.22 0.62 1.47 3.14 3.13 3.1

SOURCE

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

18 26 59.9 At1 161 21 0 15 7 17 # 6.00 0.22 L 5.00 0.17 D

1 3 JUL 2017, 21:03 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 1.47 108 87>-< 0.62 247 1>-< 0.30 336 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		59.9	135	90	P		62.55	11.07	10.92	0.00	0.15	1.20		0.297						
FNA	AC	HHN		59.9	135	90	S		70.27	18.79	19.11	0.00	-0.32	1.20S		0.504						
KBN	AC	HHZ		61.3	189	90	P		62.54	11.06	11.16	0.00	-0.10	1.20		0.112	1.00	32		3.13		D
KBN	AC	HHE		61.3	189	90	S		70.69	19.21	19.53	0.00	-0.32	1.20S		0.214						
KBN	AC	HHN		61.3	189	90		6	60.00	8.52	11.16	0.00		0.00		0.000	1.00			4.7	.74	2.99 L
PHP	AC	HHZ		68.4	327	90	P		63.63	12.15	12.38	0.00	-0.23	1.20		0.226	1.00	25		2.90		D
PHP	AC	HHN		68.4	327	90		6	60.00	8.52	12.38	0.00		0.00		0.000	1.00			3.0	.30	2.91 L
							S		73.01	21.53	21.67	0.00	-0.13	1.20S		0.355						
TIR	AC	HHZ		88.2	284	90	P		66.35	14.87	15.77	0.00	-0.90*	0.13		0.001	1.00	32		3.13		D
TIR	AC	HHE		88.2	284	90		6	60.00	8.52	15.77	0.00		0.00		0.000	1.00			1.3	.47	2.73 L
							S		78.78	27.30	27.60	0.00	-0.30	1.20S		0.401						
BPA1	AC	HHZ		115.2	245	90	P		72.12	20.64	20.42	0.00	0.22	1.20		0.163						
LSK	AC	HHZ		116.0	193	90	P		71.87	20.39	20.55	0.00	-0.16	1.20		0.111	1.00	38		3.30		D
LSK	AC	HHN		116.0	193	90		6	60.00	8.52	20.55	0.00		0.00		0.000	1.00			3.6	.74	3.37 L
							S		87.18	35.70	35.96	0.00	-0.26	1.20S		0.229						
BCI	AC	HHZ		149.5	334	68	P		79.06	27.58	26.23	0.00	1.35*	0.00		0.000						
BCI	AC	HHN		149.5	334	68		6	60.00	8.52	26.23	0.00		0.00		0.000	1.00			2.0	.63	3.34 L
							S		97.38	45.90	45.90	0.00	0.00	1.20S		0.633						
SRN	AC	HHZ		161.9	209	68	P		79.80	28.32	28.22	0.00	0.10	1.20		0.170	1.00	38		3.30		D
SRN	AC	HHE		161.9	209	68		6	60.00	8.52	28.22	0.00		0.00		0.000	1.00			1.5	.80	3.29 L
							S		99.83	48.35	49.38	0.00	-1.04*	0.01S		0.000						
IGT	AC	HHZ		188.1	195	68	P		84.68	33.20	32.39	0.00	0.81*	0.29		0.010						
IGT	AC	HHE		188.1	195	68	S		108.31	56.83	56.68	0.00	0.15	1.20S		0.566						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-07-03 2134 13.84 41 10.29 20E54.05 7.26 0.23 0.53 1.56 3.24 3.19 3.2

SOURCE

NSTA NPMS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
20 29 59.4 At1 135 14 0 18 8 20 6.00 0.24 L 5.00 0.03 D

1 3 JUL 2017, 21:34 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 1.56 210 85>-< 0.53 65 3>-< 0.34 334 2>

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		59.4	136	91	P		25.13	11.29	10.84	0.00	0.45	1.02		0.193			
FNA	AC	HHE		59.4	136	91	S		32.81	18.97	18.97	0.00	0.00	1.09S		0.376			
KBN	AC	HHZ		61.6	189	91	P		25.09	11.25	11.22	0.00	0.03	1.09		0.105	1.00	35	3.22 D
KBN	AC	HHE		61.6	189	91		6	0.00-13.84	11.22	0.00			0.00		0.000	1.00		5.4 .50 3.06 L
							S		33.04	19.20	19.63	0.00	-0.43	1.04S		0.178			
PHP	AC	HHZ		68.8	327	91	P		26.23	12.39	12.46	0.00	-0.07	1.09		0.188	1.00	28	3.01 D
PHP	AC	HHN		68.8	327	91		6	0.00-13.84	12.46	0.00			0.00		0.000	1.00		3.1 .21 2.93 L
							S		35.68	21.84	21.81	0.00	0.03	1.09S		0.312			
TIR	AC	HHZ		89.0	284	90	P		29.54	15.70	15.94	0.00	-0.24	1.09		0.121	1.00	34	3.19 D
TIR	AC	HHN		89.0	284	90		6	0.00-13.84	15.94	0.00			0.00		0.000	1.00		1.5 .50 2.80 L
							S		41.50	27.66	27.89	0.00	-0.23	1.09S		0.251			
BPA1	AC	HHZ		116.0	246	90	P		35.17	21.33	20.57	0.00	0.76*	0.32		0.008			
BPA1	AC	HHE		116.0	246	90	S		50.16	36.32	36.00	0.00	0.32	1.09S		0.263			
LSK	AC	HHZ		116.3	193	90	P		34.57	20.73	20.61	0.00	0.12	1.09		0.097	1.00	36	3.25 D
LSK	AC	HHN		116.3	193	90		6	0.00-13.84	20.61	0.00			0.00		0.000	1.00		3.9 .63 3.41 L
							S		49.66	35.82	36.07	0.00	-0.25	1.09S		0.193			
BPA2	AC	HHZ		118.6	247	90	P		34.94	21.10	21.00	0.00	0.10	1.09		0.103			
BCI	AC	HHZ		149.7	333	68	P		40.13	26.29	26.20	0.00	0.09	1.09		0.191			
BCI	AC	HHE		149.7	333	68		6	0.00-13.84	26.20	0.00			0.00		0.000	1.00		2.91.05 3.51 L
							S		59.66	45.82	45.85	0.00	-0.03	1.09S		0.471			
SRN	AC	HHZ		162.4	209	68	P		42.82	28.98	28.22	0.00	0.76*	0.32		0.015	1.00	33	3.17 D
SRN	AC	HHE		162.4	209	68		6	60.00	46.16	28.22	0.00		0.00		0.000	1.00		2.1 .86 3.44 L
							S		63.28	49.44	49.38	0.00	0.06	1.09S		0.604			
THE	AC	HHZ		183.8	108	68	P		45.19	31.35	31.63	0.00	-0.28	1.09		0.322			
IGT	AC	HHZ		188.4	196	68	P		48.07	34.23	32.37	0.00	1.86*	0.00		0.000			
IGT	AC	HHE		188.4	196	68	S		71.78	57.94	56.65	0.00	1.29*	0.00S		0.000			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	03	2342	32.18	41 10.89	20E54.05	2.73	0.24	0.63	1.91	2.88	3.22 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	60.2	Atl	164	13	0	14	8	16		6.00 0.13 L	3.00 0.06 D	

1 3 JUL 2017, 23:42 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.95 51 78>-< 0.65 243 11>-< 0.34 153 2>

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		60.2	137	62	P		43.76	11.58	11.26	0.00	0.32	1.22		0.334			
FNA	AC	HHE		60.2	137	62	S		51.64	19.46	19.70	0.00	-0.24	1.22S		0.645			
KBN	AC	HHZ		62.7	189	62	P		43.83	11.65	11.69	0.00	-0.04	1.22		0.249			



KBN	AC	HHE	62.7	189	62	6	0.00-32.18	11.69	0.00	0.00	0.000	1.00				3.5	.63	2.89	L
						S	52.40	20.22	20.46	0.00	-0.24	1.22S	0.196						
PHP	AC	HHZ	67.8	326	62	P	44.81	12.63	12.57	0.00	0.06	1.22	0.294	1.00	35	3.22	D		
PHP	AC	HHN	67.8	326	62	6	0.00-32.18	12.57	0.00	0.00	0.000	1.00				0.84	.18	2.34	L
						S	54.10	21.92	22.00	0.00	-0.08	1.22S	0.595						
TIR	AC	HHZ	88.7	283	62	P	48.30	16.12	16.17	0.00	-0.05	1.22	0.278	1.00	33	3.16	D		
TIR	AC	HHN	88.7	283	62	6	60.00	27.82	16.17	0.00	0.00	0.000	1.00			0.68	.60	2.45	L
						S	60.39	28.21	28.30	0.00	-0.09	1.22S	0.367						
LSK	AC	HHZ	117.4	193	62	P	53.31	21.13	21.09	0.00	0.04	1.22	0.256	1.00	46	3.48	D		
LSK	AC	HHN	117.4	193	62	6	60.00	27.82	21.09	0.00	0.00	0.000	1.00			1.9	.60	3.12	L
						S	68.79	36.61	36.91	0.00	-0.30	1.22S	0.207						
BCI	AC	HHZ	148.8	333	62	P	60.08	27.90	26.48	0.00	1.42*	0.00	0.000						
BCI	AC	HHN	148.8	333	62	6	60.00	27.82	26.48	0.00	0.00	0.000	1.00			0.71	.77	2.89	L
						S	79.57	47.39	46.34	0.00	1.05*	0.18S	0.015						
SRN	AC	HHZ	163.4	209	55	P	62.06	29.88	28.82	0.00	1.06*	0.00	0.002						
SRN	AC	HHN	163.4	209	55	6	60.00	27.82	28.82	0.00	0.00	0.000	1.00			0.53	.50	2.86	L
						S	82.73	50.55	50.43	0.00	0.11	1.22S	0.302						
IGT	AC	HHZ	189.5	196	55	P	66.38	34.20	32.98	0.00	1.22*	0.02	0.000						
IGT	AC	HHN	189.5	196	55	S	90.46	58.28	57.72	0.00	0.56*	1.16S	0.254						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	04	0317	15.97	41 10.85	20E55.45	6.30	0.14	0.45	1.08	3.36	3.46 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
21	30	58.8	At1	136	7	0	17	8	21		6.00	0.16 L	4.00 0.13 D

1 4 JUL 2017, 3:17 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.08 118 88>-< 0.45 250 1>-< 0.27 339 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		58.8	138	90	P		27.55	11.58	10.74	0.00	0.14	1.05		0.000			
FNA	AC	HHE		58.8	138	90	S		34.82	18.85	18.80	0.00	0.06	1.05S		0.431			
KBN	AC	HHZ		62.9	191	90	P		27.32	11.35	11.44	0.00	-0.09	1.05		0.111	1.00	57	3.69 D
KBN	AC	HHE		62.9	191	90	6		0.00-15.97	11.44	0.00	0.00	0.00	0.000	1.00			6.5	.51 3.16 L
							S		35.86	19.89	20.02	0.00	-0.13	1.05S		0.193			
PHP	AC	HHZ		69.0	325	90	P		28.59	12.62	12.48	0.00	0.14	1.05		0.180	1.00	42	3.40 D
PHP	AC	HHN		69.0	325	90	6		0.00-15.97	12.48	0.00	0.00	0.00	0.000	1.00			6.7	.40 3.26 L
							S		37.92	21.95	21.84	0.00	0.11	1.05S		0.288			
TIR	AC	HHZ		90.7	283	90	P		32.15	16.18	16.21	0.00	-0.03	1.05		0.127	1.00	37	3.27 D
TIR	AC	HHE		90.7	283	90	6		0.00-15.97	16.21	0.00	0.00	0.00	0.000	1.00			3.7	.47 3.20 L
							S		44.09	28.12	28.37	0.00	-0.25	1.05S		0.275			



BCI	AC	HHZ	149.8	334	68	P	61.94	27.37	26.15	0.00	1.22*	0.35	0.034						
BCI	AC	HHE	149.8	334	68		6	60.00	25.43	26.15	0.00		0.00	0.000	1.00		0.991.25	3.04	L
						S		80.26	45.69	45.76	0.00	-0.07	1.15S	0.962					
SRN	AC	HHZ	161.0	208	68	P		64.18	29.61	27.93	0.00	1.68*	0.00	0.000					
IGT	AC	HHZ	187.2	195	68	P		68.98	34.41	32.12	0.00	2.29*	0.00	0.000					
IGT	AC	HHE	187.2	195	68	S		92.33	57.76	56.21	0.00	1.55*	0.02S	0.000					

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	04	0636	38.75	41 11.76	20E56.89	7.39	0.35	0.68	1.70	3.81	3.97 3.8

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
23	32	58.8	At1	138	11	0	18	8	20		5.00 0.29 L	2.00 0.01 D	

1 4 JUL 2017, 6:36 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.71 339 85>-< 0.68 224 1>-< 0.47 135 4>

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		58.8	141	91	P		49.97	11.22	10.74	0.00	0.48	1.16		0.198	1.00	75	3.96 D
FNA	AC	HHE		58.8	141	91	S		57.70	18.95	18.80	0.00	0.15	1.16S		0.343			
KBN	AC	HHZ		65.0	193	91	P		49.93	11.18	11.80	0.00	-0.62*	1.08		0.132	1.00	77	3.98 D
KBN	AC	HHN		65.0	193	91		6	0.00	-38.75	11.80	0.00		0.00		0.000	1.00		27 .50 3.81 L
							S		58.33	19.58	20.65	0.00	-1.07*	0.22S		0.011			
PHP	AC	HHZ		68.9	323	91	P		50.98	12.23	12.47	0.00	-0.24	1.16		0.205			
PHP	AC	HHN		68.9	323	91		6	60.00	21.25	12.47	0.00		0.00		0.000	1.00		12 .28 3.52 L
							S		60.52	21.77	21.82	0.00	-0.05	1.16S		0.348			
TIR	AC	HHZ		92.3	281	90	P		55.20	16.45	16.51	0.00	-0.06	1.16		0.141			
TIR	AC	HHE		92.3	281	90	S		67.63	28.88	28.89	0.00	-0.01	1.16S		0.260			
TIR	AC	HHN		92.3	281	90		6	60.00	21.25	16.51	0.00		0.00		0.000	1.00		7.2 .43 3.50 L
LSK	AC	HHZ		119.9	195	90	P		60.28	21.53	21.22	0.00	0.31	1.16		0.142			
LSK	AC	HHN		119.9	195	90	S		75.54	36.79	37.13	0.00	-0.34	1.16S		0.304			
LSK	AC	HHE		119.9	195	90		6	60.00	21.25	21.22	0.00		0.00		0.000	1.00		18 .69 4.10 L
VLO	AC	HHZ		146.8	238	68	P		64.96	26.21	25.71	0.00	0.50	1.16		0.110			
VLO	AC	HHN		146.8	238	68	S		83.42	44.67	44.99	0.00	-0.32	1.16S		0.378	1.00		15 .51 6 4.21XL
BCI	AC	HHZ		149.2	331	68	P		65.23	26.48	26.11	0.00	0.37	1.16		0.239			
BCI	AC	HHE		149.2	331	68	S		85.95	47.20	45.69	0.00	1.51*	0.00S		0.000			
BCI	AC	HHN		149.2	331	68		6	60.00	21.25	26.11	0.00		0.00		0.000	1.00		13 .60 4.16 L
THE	AC	HHZ		180.9	109	68	P		69.94	31.19	31.16	0.00	0.03	1.16		0.209			
THE	AC	HHN		180.9	109	68	S		92.84	54.09	54.53	0.00	-0.44	1.16S		0.468			
IGT	AC	HHZ		192.1	197	68	P		72.76	34.01	32.95	0.00	1.06*	0.25		0.004			
IGT	AC	HHE		192.1	197	68	S		96.93	58.18	57.66	0.00	0.52*	1.15S		0.304			
SCTE	AC	HHZ		243.8	241	50	P		77.85	39.10	40.43	0.00	-1.33*	0.00		0.000			

LKD2 AC HHZ 268.4 186 50 P 82.17 43.42 43.68 0.00 -0.26 1.16 0.194

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-07-04 0827 52.70 41 11.57 20E54.73 1.99 0.44 1.16 2.15 3.67 3.57 3.7

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
19 28 60.5 At1 166 8 0 18 8 19 5.00 0.25 L 6.00 0.20 D

1 4 JUL 2017, 8:27 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 2.17 75 83>-< 1.17 243 6>-< 0.57 334 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		60.5	138	51	P		64.07	11.37	11.38	0.00	-0.01	1.12		0.277						
FNA	AC	HHN		60.5	138	51	S		72.83	20.13	19.92	0.00	0.22	1.12S		0.617						
KBN	AC	HHZ		64.1	190	51	P		64.14	11.44	12.00	0.00	-0.56*	1.12		0.145	1.00	35		3.22	D	
KBN	AC	HHN		64.1	190	51		6	60.00	7.30	12.00	0.00		0.00		0.000	1.00			161.24		3.57 L
									72.55	19.85	21.00	0.00	-1.15*	0.83S		0.177						
PHP	AC	HHZ		67.3	325	51	P		64.73	12.03	12.56	0.00	-0.53*	1.12		0.201	1.00	42		3.39	D	
PHP	AC	HHN		67.3	325	51	S		74.51	21.81	21.98	0.00	-0.17	1.12S		0.337						
TIR	AC	HHZ		89.4	282	51	P		69.07	16.37	16.35	0.00	0.02	1.12		0.174	1.00	51		3.58	D	
TIR	AC	HHN		89.4	282	51		6	60.00	7.30	16.35	0.00		0.00		0.000	1.00			5.4	.54	3.35 L
									81.41	28.71	28.61	0.00	0.10	1.12S		0.363						
BPA1	AC	HHZ		117.9	245	51	P		74.32	21.62	21.25	0.00	0.37	1.12		0.191						
BPA1	AC	HHN		117.9	245	51	S		94.55	41.85	37.19	0.00	4.66*	0.00S		0.000						
LSK	AC	HHZ		118.8	193	51	P		73.96	21.26	21.40	0.00	-0.14	1.12		0.146	1.00	65		3.81	D	
LSK	AC	HHE		118.8	193	51		6	60.00	7.30	21.40	0.00		0.00		0.000	1.00			12	.77	3.92 L
									88.61	35.91	37.45	0.00	-1.54*	0.34S		0.030						
BCI	AC	HHZ		148.1	332	51	P		78.91	26.21	26.43	0.00	-0.22	1.12		0.222	1.00	50		3.56	D	
BCI	AC	HHN		148.1	332	51		6	60.00	7.30	26.43	0.00		0.00		0.000	1.00			12	.66	4.10 L
									99.21	46.51	46.25	0.00	0.26	1.12S		0.384						
SRN	AC	HHZ		165.0	209	46	P		82.44	29.74	29.15	0.00	0.59*	1.12		0.118	1.00	63		3.78	D	
SRN	AC	HHN		165.0	209	46		6	60.00	7.30	29.15	0.00		0.00		0.000	1.00			3.42.20		3.67 L
									103.65	50.95	51.01	0.00	-0.06	1.12S		0.424						
IGT	AC	HHZ		191.0	196	46	P		86.95	34.25	33.30	0.00	0.95*	1.02		0.093						
IGT	AC	HHN		191.0	196	46	S		109.22	56.52	58.27	0.00	-1.75*	0.12S		0.004						
LKD2	AC	HHZ		267.8	185	37	P		97.02	44.32	44.32	0.00	0.00	1.12		0.088						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-07-04 1031 13.48 41 10.42 20E56.74 3.20 0.39 0.92 2.56 3.03 3.0

SOURCE

NSTA	NPBS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
21	30	57.0	At1	136	13	0	16	8	18		3.00	0.23	L	0.00	0.00	D

1 4 JUL 2017, 10:31 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.57 66 83>-< 0.93 248 6>-< 0.51 158 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		57.0	139	62	P		25.18	11.70	10.68	0.00	1.02*	0.52		0.062			
FNA	AC	HHN		57.0	139	62	S		32.21	18.73	18.69	0.00	0.04	1.11S		0.483			
KBN	AC	HHZ		62.5	193	62	P		25.09	11.61	11.62	0.00	-0.01	1.11		0.191			
KBN	AC	HHN		62.5	193	62	S		33.44	19.96	20.33	0.00	-0.38	1.11S		0.183			
KBN	AC	HHE		62.5	193	62		6	0.00	-13.48	11.62	0.00		0.00		0.000	1.00	2.1	.50 2.66 L
PHP	AC	HHZ		70.7	324	62	P		26.33	12.85	13.03	0.00	-0.18	1.11		0.251			
PHP	AC	HHN		70.7	324	62	S		36.68	23.20	22.80	0.00	0.40	1.11S		0.313			
TIR	AC	HHZ		92.6	283	62	P		29.95	16.47	16.79	0.00	-0.32	1.11		0.244			
TIR	AC	HHE		92.6	283	62	S		42.81	29.33	29.38	0.00	-0.05	1.11S		0.304			
LSK	AC	HHZ		117.4	195	62	P		34.42	20.94	21.05	0.00	-0.11	1.11		0.192			
LSK	AC	HHE		117.4	195	62	S		49.67	36.19	36.84	0.00	-0.65*	1.06S		0.168			
LSK	AC	HHN		117.4	195	62		6	60.00	46.52	21.05	0.00		0.00		0.000	1.00	1.6	.80 3.03 L
BCI	AC	HHZ		151.3	332	55	P		38.98	25.50	26.84	0.00	-1.34*	0.06		0.000			
BCI	AC	HHN		151.3	332	55	S		60.23	46.75	46.97	0.00	-0.22	1.11S		0.489			
BCI	AC	HHE		151.3	332	55		6	60.00	46.52	26.84	0.00		0.00		0.000	1.00	1.6	.51 3.26 L
SRN	AC	HHZ		164.5	210	55	P		43.02	29.54	28.94	0.00	0.60*	1.09		0.114			
SRN	AC	HHN		164.5	210	55	S		64.11	50.63	50.64	0.00	-0.01	1.11S		0.280			
THE	AC	HHZ		180.3	108	55	P		44.60	31.12	31.46	0.00	-0.34	1.11		0.377			
THE	AC	HHE		180.3	108	55	S		65.98	52.50	55.06	0.00	-2.56*	0.00S		0.000			
IGT	AC	HHZ		189.7	197	55	P		47.24	33.76	32.96	0.00	0.80*	0.90		0.073			
IGT	AC	HHE		189.7	197	55	S		71.62	58.14	57.68	0.00	0.46	1.11S		0.266			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017-07-04			1037	40.65	41 10.09	20E54.61	1.49	0.76	1.99	4.02	2.55	2.5

SOURCE

NSTA	NPBS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
19	27	58.6	At1	163	15	0	14	7	16		4.00	0.16	L	0.00	0.00	D

1 4 JUL 2017, 10:37 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 4.13 61 76>-< 2.05 248 13>-< 1.02 157 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		58.6	136	51	P		51.69	11.04	11.12	0.00	-0.08	1.01		0.316			
FNA	AC	HHE		58.6	136	51	S		59.55	18.90	19.46	0.00	-0.56*	1.01S		0.638			
KBN	AC	HHZ		61.3	190	51	P		52.19	11.54	11.60	0.00	-0.06	1.01		0.215			
KBN	AC	HHN		61.3	190	51	S		59.65	19.00	20.30	0.00	-1.30*	1.00S		0.230			
KBN	AC	HHE		61.3	190	51		6	0.00	-40.65	11.60	0.00		0.00		0.000	1.00	2.0	.47 2.63 L
PHP	AC	HHZ		69.5	326	51	P		52.52	11.87	13.00	0.00	-1.13*	1.01		0.206			
PHP	AC	HHN		69.5	326	51		6	60.00	19.35	13.00	0.00		0.00		0.000	1.00	1.0	.21 2.47 L
									62.72	22.07	22.75	0.00	-0.68*	1.01S		0.343			
TIR	AC	HHZ		89.8	284	51	P		56.81	16.16	16.49	0.00	-0.33	1.01		0.233			
TIR	AC	HHE		89.8	284	51	S		69.08	28.43	28.86	0.00	-0.43	1.01S		0.340			
TIR	AC	HHN		89.8	284	51		6	60.00	19.35	16.49	0.00		0.00		0.000	1.00	0.46	.47 2.28 L
LSK	AC	HHZ		116.1	194	51	P		57.90	17.25	21.01	0.00	-3.76*	0.00		0.000			
LSK	AC	HHE		116.1	194	51	S		68.37	27.72	36.77	0.00	-9.05*	0.00S		0.000			
LSK	AC	HHN		116.1	194	51		6	60.00	19.35	21.01	0.00		0.00		0.000	1.00	0.92	.62 2.78 L
BCI	AC	HHZ		150.4	333	51	P		68.43	27.78	26.90	0.00	0.88*	1.01		0.218			
BCI	AC	HHE		150.4	333	51	S		88.40	47.75	47.08	0.00	0.68*	1.01S		0.395			
SRN	AC	HHZ		162.5	209	46	P		69.91	29.26	28.83	0.00	0.43	1.01		0.176			
SRN	AC	HHE		162.5	209	46	S		91.21	50.56	50.45	0.00	0.11	1.01S		0.299			
IGT	AC	HHZ		188.3	196	46	P		75.39	34.74	32.95	0.00	1.79*	0.83		0.111			
IGT	AC	HHE		188.3	196	46	S		98.79	58.14	57.66	0.00	0.48	1.01S		0.271			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	04	1039	6.28	41 11.21	20E55.03	3.13	0.32	1.19	2.39	3.06	3.1

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	28	59.7	At1	166	15	0	14	6	16		4.00	0.05 L	0.00 0.00 D

1 4 JUL 2017, 10:39 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.64 79 65>-< 1.32 260 24>-< 0.46 350 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		59.7	138	62	P		17.27	10.99	11.14	0.00	-0.15	1.10		0.712			
FNA	AC	HHN		59.7	138	62	S		24.59	18.31	19.49	0.00	-1.18*	0.04S		0.003			
KBN	AC	HHZ		63.5	190	62	P		18.09	11.81	11.79	0.00	0.02	1.10		0.173			
KBN	AC	HHN		63.5	190	62	S		26.63	20.35	20.63	0.00	-0.28	1.10S		0.211			
KBN	AC	HHE		63.5	190	62		6	0.00	-6.28	11.79	0.00		0.00		0.000	1.00	4.9	.43 3.04 L
PHP	AC	HHZ		68.1	325	62	P		18.43	12.15	12.59	0.00	-0.44	1.10		0.229			
PHP	AC	HHN		68.1	325	62	S		28.08	21.80	22.03	0.00	-0.23	1.10S		0.334			
TIR	AC	HHZ		90.0	282	62	P		22.37	16.09	16.34	0.00	-0.25	1.10		0.434			
TIR	AC	HHN		90.0	282	62	S		32.18	25.90	28.60	0.00	-2.69*	0.00S		0.000			

TIR	AC	HHE	90.0	282	62	6	0.00	-6.28	16.34	0.00	0.00	0.000	1.00	0.89	.28	2.57	L
LSK	AC	HHZ	118.3	194	62	P	27.73	21.45	21.20	0.00	0.25	1.10	0.176				
LSK	AC	HHE	118.3	194	62	S	42.60	36.32	37.10	0.00	-0.78*	0.73S	0.093				
LSK	AC	HHN	118.3	194	62	6	0.00	-6.28	21.20	0.00	0.00	0.000	1.00	1.8	.47	3.08	L
BCI	AC	HHZ	148.9	332	55	P	33.01	26.73	26.46	0.00	0.27	1.10	0.188				
BCI	AC	HHN	148.9	332	55	S	52.88	46.60	46.31	0.00	0.29	1.10S	0.540				
BCI	AC	HHE	148.9	332	55	6	0.00	-6.28	26.46	0.00	0.00	0.000	1.00	1.2	.51	3.13	L
SRN	AC	HHZ	164.6	209	55	P	35.77	29.49	28.96	0.00	0.53*	1.06	0.118				
SRN	AC	HHE	164.6	209	55	S	57.29	51.01	50.68	0.00	0.33	1.10S	0.348				
IGT	AC	HHZ	190.5	196	55	P	39.61	33.33	33.09	0.00	0.24	1.10	0.110				
IGT	AC	HHN	190.5	196	55	S	64.00	57.72	57.91	0.00	-0.19	1.10S	0.322				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-07-04 1045 1.06 41 11.60 20E55.47 0.72 0.30 0.91 1.95 2.93 2.9

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T SOURCE  
17 24 59.9 At1 167 8 0 12 5 14 3.00 0.26 L 0.00 0.00 D L F X

1 4 JUL 2017, 10:45 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 2.04 54 72>-< 0.95 241 16>-< 0.52 151 2>

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	59.9	139	51	P	12.66	11.60	11.45	0.00	0.15	1.03	0.313						
FNA	AC	HHN	59.9	139	51	S	20.79	19.73	20.04	0.00	-0.31	1.03S	0.700						
KBN	AC	HHZ	64.3	191	51	P	12.84	11.78	12.21	0.00	-0.43	0.98	0.235						
KBN	AC	HHE	64.3	191	51	S	20.61	19.55	21.37	0.00	-1.82*	0.00S	0.000						
KBN	AC	HHN	64.3	191	51	6	0.00	-1.06	12.21	0.00	0.00	0.000	1.00	3.7	.50	2.93	L		
PHP	AC	HHZ	67.9	324	51	P	14.02	12.96	12.83	0.00	0.13	1.03	0.249						
PHP	AC	HHN	67.9	324	51	S	23.79	22.73	22.45	0.00	0.28	1.03S	0.573						
TIR	AC	HHZ	90.4	282	51	P	17.20	16.14	16.70	0.00	-0.56*	0.79	0.153						
TIR	AC	HHN	90.4	282	51	S	29.97	28.91	29.22	0.00	-0.31	1.03S	0.397						
TIR	AC	HHE	90.4	282	51	6	0.00	-1.06	16.70	0.00	0.00	0.000	1.00	0.67	.31	2.45	L		
BCI	AC	HHZ	148.5	332	51	P	27.65	26.59	26.68	0.00	-0.09	1.03	0.275						
BCI	AC	HHN	148.5	332	51	S	49.71	48.65	46.69	0.00	1.96*	0.00S	0.000						
BCI	AC	HHE	148.5	332	51	6	0.00	-1.06	26.68	0.00	0.00	0.000	1.00	1.4	.50	3.19	L		
SRN	AC	HHZ	165.5	209	46	P	30.88	29.82	29.43	0.00	0.39	1.02	0.204						
SRN	AC	HHE	165.5	209	46	S	52.78	51.72	51.50	0.00	0.22	1.03S	0.371						
IGT	AC	HHZ	191.3	196	46	P	35.01	33.95	33.54	0.00	0.41	1.00	0.183						
IGT	AC	HHE	191.3	196	46	S	59.74	58.68	58.69	0.00	-0.02	1.03S	0.341						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-04 1119 27.16 41 12.66 20E56.67 5.16 0.46 1.12 3.12 3.67 3.7

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 24 33 60.3 At1 139 16 0 17 7 19 6.00 0.15 L 0.00 0.00 D

1 4 JUL 2017, 11:19 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 3.14 83 84>-< 1.13 239 4>-< 0.60 330 2>

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		60.3	142	62	P		38.57	11.41	11.07	0.00	0.34	1.13		0.216			
FNA	AC	HHE		60.3	142	62	S		46.02	18.86	19.37	0.00	-0.51*	1.13S		0.449			
KBN	AC	HHZ		66.5	192	62	P		38.97	11.81	12.14	0.00	-0.33	1.13		0.176			
KBN	AC	HHE		66.5	192	62	S		47.31	20.15	21.24	0.00	-1.10*	0.52S		0.064			
KBN	AC	HHN		66.5	192	62		6	0.00	-27.16	12.14	0.00		0.00		0.000	1.00	19 .57	3.68 L
PHP	AC	HHZ		67.4	322	62	P		39.55	12.39	12.28	0.00	0.11	1.13		0.232			
PHP	AC	HHN		67.4	322	62		6	0.00	-27.16	12.28	0.00		0.00		0.000	1.00	4.3 .21	3.04 L
									48.46	21.30	21.49	0.00	-0.19	1.13S		0.285			
TIR	AC	HHZ		91.7	280	62	P		43.30	16.14	16.46	0.00	-0.32	1.13		0.231			
TIR	AC	HHN		91.7	280	62	S		55.51	28.35	28.80	0.00	-0.45	1.13S		0.325			
TIR	AC	HHE		91.7	280	62		6	0.00	-27.16	16.46	0.00		0.00		0.000	1.00	3.4 .66	3.17 L
LSK	AC	HHZ		121.4	195	62	P		48.13	20.97	21.56	0.00	-0.59*	1.13		0.179			
LSK	AC	HHE		121.4	195	62	S		63.85	36.69	37.73	0.00	-1.04*	0.62S		0.094			
LSK	AC	HHN		121.4	195	62		6	60.00	32.84	21.56	0.00		0.00		0.000	1.00	12 .83	3.92 L
BCI	AC	HHZ		147.6	331	55	P		53.00	25.84	26.03	0.00	-0.19	1.13		0.178			
BCI	AC	HHE		147.6	331	55	S		72.41	45.25	45.55	0.00	-0.30	1.13S		0.478			
BCI	AC	HHN		147.6	331	55		6	60.00	32.84	26.03	0.00		0.00		0.000	1.00	4.3 .95	3.66 L
SRN	AC	HHZ		168.0	209	55	P		57.15	29.99	29.29	0.00	0.70*	1.09		0.113			
SRN	AC	HHN		168.0	209	55	S		78.01	50.85	51.26	0.00	-0.41	1.13S		0.469			
SRN	AC	HHE		168.0	209	55		6	60.00	32.84	29.29	0.00		0.00		0.000	1.00	3.7 .89	3.72 L
THE	AC	HHZ		181.8	110	55	P		58.24	31.08	31.48	0.00	-0.40	1.13		0.308			
THE	AC	HHE		181.8	110	55	S		80.82	53.66	55.09	0.00	-1.43*	0.07S		0.004			
IGT	AC	HHZ		193.7	196	55	P		61.33	34.17	33.38	0.00	0.79*	1.01		0.089			
IGT	AC	HHN		193.7	196	55	S		87.28	60.12	58.42	0.00	1.70*	0.00S		0.000			
LKD2	AC	HHZ		270.0	186	43	P		71.58	44.42	44.17	0.00	0.25	1.13		0.100			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-04 1846 37.07 41 10.40 20E55.20 2.85 0.36 0.94 0.55 2.80 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



14 21 58.4 At1 164 9 0 13 7 14 0.00 0.00 L 5.00 0.08 D

1 4 JUL 2017, 18:46 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 2.56 91 85>-< 0.95 242 4>-< 0.48 334 2>

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		58.4	137	62	P		48.13	11.06	10.99	0.00	0.07	1.21		0.374	1.00	21	2.72 D
FNA	AC	HHN		58.4	137	62	S		56.19	19.12	19.23	0.00	-0.11	1.21S		0.605			
KBN	AC	HHZ		62.1	191	62	P		48.38	11.31	11.61	0.00	-0.30	1.21		0.235	1.00	25	2.89 D
KBN	AC	HHN		62.1	191	62	S		56.92	19.85	20.32	0.00	-0.47	1.21S		0.272			
PHP	AC	HHZ		69.5	325	62	P		49.02	11.95	12.89	0.00	-0.94*	0.42		0.047	1.00	27	2.97 D
PHP	AC	HHN		69.5	325	62	S		59.34	22.27	22.56	0.00	-0.29	1.21S		0.358			
TIR	AC	HHZ		90.5	283	62	P		54.01	16.94	16.50	0.00	0.44	1.21		0.335	1.00	25	2.89 D
TIR	AC	HHN		90.5	283	62	S		65.59	28.52	28.88	0.00	-0.36	1.21S		0.352			
LSK	AC	HHZ		116.9	194	62	P		57.94	20.87	21.03	0.00	-0.16	1.21		0.238	1.00	36	3.24 D
LSK	AC	HHE		116.9	194	62	S		74.57	37.50	36.80	0.00	0.70*	0.99S		0.188			
BCI	AC	HHZ		150.3	333	55	P		65.01	27.94	26.76	0.00	0.18*	0.06		0.000			
BCI	AC	HHE		150.3	333	55	S		84.23	47.16	46.83	0.00	0.33	1.21S		0.530			
SRN	AC	HHZ		163.4	209	55	P		66.84	29.77	28.85	0.00	0.92*	0.47		0.023			
SRN	AC	HHN		163.4	209	55	S		87.69	50.62	50.49	0.00	0.13	1.21S		0.437			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-07-04 1941 15.24 41 10.43 20E53.49 2.17 0.31 0.82 0.68 2.70 2.7

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T SOURCE  
14 21 60.1 At1 163 7 0 13 7 14 # 0.00 0.00 L 2.00 0.00 D L F X

1 4 JUL 2017, 19:41 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 1.71 65 79>-< 0.83 244 10>-< 0.42 154 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		60.1	136	51	P		26.68	11.44	11.57	0.00	-0.13	1.17		0.328			
FNA	AC	HHE		60.1	136	51	S		35.60	20.36	20.25	0.00	0.11	1.17S		0.659			
KBN	AC	HHZ		61.7	189	51	P		27.04	11.80	11.84	0.00	-0.04	1.17		0.238	1.00	21	2.72 D
KBN	AC	HHN		61.7	189	51	S		35.80	20.56	20.72	0.00	-0.16	1.17S		0.310			
PHP	AC	HHZ		68.1	327	51	P		27.56	12.32	12.94	0.00	-0.62*	0.74		0.105	1.00	21	2.72 D
PHP	AC	HHN		68.1	327	51	S		37.38	22.14	22.64	0.00	-0.50*	1.04S		0.306			
TIR	AC	HHZ		88.2	283	51	P		31.27	16.03	16.38	0.00	-0.35	1.17		0.274			
TIR	AC	HHN		88.2	283	51	S		44.14	28.90	28.66	0.00	0.24	1.17S		0.381			

LSK	AC	HHZ	116.4	193	51	P	36.63	21.39	21.23	0.00	0.16	1.17	0.244
LSK	AC	HHN	116.4	193	51	S	51.69	36.45	37.15	0.00	-0.70*	0.49S	0.057
BCI	AC	HHZ	149.1	333	51	P	42.52	27.28	26.86	0.00	0.42	1.14	0.262
BCI	AC	HHE	149.1	333	51	S	62.62	47.38	47.00	0.00	0.38	1.16S	0.431
SRN	AC	HHZ	162.3	209	46	P	45.12	29.88	29.00	0.00	0.88*	0.09	0.001
SRN	AC	HHE	162.3	209	46	S	66.24	51.00	50.75	0.00	0.25	1.17S	0.399

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	04	2007	6.99	41 10.58	20E55.06	3.73	0.37	0.05	0.72	2.83	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
14	21	58.8	At1	165	14	0	12	7	14		0.00	0.00 L	4.00 0.10 D

1 4 JUL 2017, 20:07 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>< 2.73 78 84>< 1.05 244 5>< 0.51 334 1>

REGION= Magedoni (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		58.8	138	62	P		18.32	11.33	10.94	0.00	0.39	1.09		0.343			
FNA	AC	HHE		58.8	138	62	S		26.09	19.10	19.14	0.00	-0.04	1.09S		0.600			
KBN	AC	HHZ		62.3	191	62	P		18.50	11.51	11.54	0.00	-0.03	1.09		0.215	1.00	17	2.52 D
KBN	AC	HHE		62.3	191	62	S		26.68	19.69	20.19	0.00	-0.50*	1.07S		0.256			
PHP	AC	HHZ		69.1	325	62	P		19.44	12.45	12.70	0.00	-0.25	1.09		0.293	1.00	21	2.73 D
PHP	AC	HHN		69.1	325	62	S		29.40	22.41	22.23	0.00	0.18	1.09S		0.321			
TIR	AC	HHZ		90.2	283	62	P		22.93	15.94	16.34	0.00	-0.40	1.09		0.278	1.00	26	2.93 D
TIR	AC	HHE		90.2	283	62	S		35.91	28.92	28.60	0.00	0.32	1.09S		0.356			
LSK	AC	HHZ		117.1	194	62	P		28.39	21.40	20.96	0.00	0.44	1.09		0.217	1.00	26	2.93 D
LSK	AC	HHN		117.1	194	62	S		43.12	36.13	36.68	0.00	-0.55*	1.03S		0.248			
BCI	AC	HHZ		149.9	333	55	P		34.93	27.94	26.56	0.00	0.38*	0.00		0.000			
BCI	AC	HHN		149.9	333	55	S		53.25	46.26	46.48	0.00	-0.22	1.09S		0.523			
SRN	AC	HHZ		163.6	209	55	P		36.79	29.80	28.74	0.00	0.06*	0.09		0.001			
SRN	AC	HHE		163.6	209	55	S		57.88	50.89	50.29	0.00	0.60*	0.98S		0.343			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	04	2033	56.53	41 10.47	20E54.85	2.83	0.27	0.82	0.54	2.60	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
14	21	58.9	At1	164	8	0	14	7	14		0.00	0.00 L	4.00 0.11 D

1 4 JUL 2017, 20:34 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 1.55 101 86>-< 0.82 240 2>-< 0.37 332 2>

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		58.9	137	51	P		67.98	11.45	11.12	0.00	0.33	1.19		0.337			
FNA	AC	HHN		58.9	137	51	S		75.83	19.30	19.46	0.00	-0.16	1.19S		0.675			
KBN	AC	HHZ		62.1	190	51	P		67.68	11.15	11.68	0.00	-0.53*	0.86		0.115	1.00	16	2.46 D
KBN	AC	HHN		62.1	190	51	S		76.99	20.46	20.44	0.00	0.02	1.19S		0.506			
PHP	AC	HHZ		69.1	326	51	P		68.99	12.46	12.88	0.00	-0.42	1.13		0.231	1.00	17	2.52 D
PHP	AC	HHN		69.1	326	51	S		79.08	22.55	22.54	0.00	0.01	1.19S		0.351			
TIR	AC	HHZ		90.0	283	51	P		72.95	16.42	16.47	0.00	-0.05	1.19		0.243	1.00	20	2.68 D
TIR	AC	HHN		90.0	283	51	S		85.42	28.89	28.82	0.00	0.07	1.19S		0.479			
LSK	AC	HHZ		116.9	194	51	P		77.39	20.86	21.09	0.00	-0.23	1.19		0.228	1.00	25	2.89 D
LSK	AC	HHE		116.9	194	51	S		92.67	36.14	36.91	0.00	-0.77*	0.15S		0.007			
BCI	AC	HHZ		150.0	333	51	P		83.76	27.23	26.78	0.00	0.45	1.05		0.222			
BCI	AC	HHE		150.0	333	51	S		103.25	46.72	46.86	0.00	-0.14	1.19S		0.401			
SRN	AC	HHZ		163.3	209	46	P		85.76	29.23	28.90	0.00	0.33	1.19		0.194			
SRN	AC	HHE		163.3	209	46	S		107.89	51.36	50.58	0.00	0.78*	0.10S		0.004			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-07-04 2205 13.97 41 11.44 20E56.77 3.02 0.50 0.14 0.32 3.20 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  
19 28 58.5 At1 168 10 0 18 8 19 # 0.00 0.00 L 5.00 0.06 D

1 4 JUL 2017, 22:05 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 2.34 55 80>-< 1.15 249 8>-< 0.67 159 2>

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		58.5	140	51	P		25.48	11.51	11.30	0.00	0.21	1.15		0.305	1.00	32	3.13 D
FNA	AC	HHN		58.5	140	51	S		33.94	19.97	19.77	0.00	0.19	1.15S		0.630			
KBN	AC	HHZ		64.4	193	51	P		25.84	11.87	12.32	0.00	-0.45	1.15		0.155	1.00	32	3.13 D
KBN	AC	HHN		64.4	193	51	S		34.29	20.32	21.56	0.00	-0.24*	0.57S		0.060			
PHP	AC	HHZ		69.2	323	51	P		26.58	12.61	13.15	0.00	-0.54*	1.15		0.198	1.00	34	3.19 D
PHP	AC	HHN		69.2	323	51	S		37.06	23.09	23.01	0.00	0.08	1.15S		0.441			
TIR	AC	HHZ		92.3	282	51	P		30.45	16.48	17.11	0.00	-0.63*	1.15		0.164	1.00	39	3.32 D
TIR	AC	HHN		92.3	282	51	S		42.49	28.52	29.94	0.00	-0.42*	0.29S		0.023			
LSK	AC	HHZ		119.3	195	51	P		35.46	21.49	21.75	0.00	-0.26	1.15		0.154			
LSK	AC	HHE		119.3	195	51	S		52.36	38.39	38.06	0.00	0.33	1.15S		0.250			
BPA1	AC	HHZ		120.4	245	51	P		37.35	23.38	21.94	0.00	0.44*	0.26		0.008			

BPA1	AC	HHE	120.4	245	51	S	52.03	38.06	38.39	0.00	-0.33	1.15S	0.360						
BPA2	AC	HHZ	122.9	246	51	P	36.53	22.56	22.37	0.00	0.19	1.15	0.168						
VLO	AC	HHZ	146.3	238	51	P	41.31	27.34	26.39	0.00	0.95*	0.99	0.122	1.00	48	3.52	D		
VLO	AC	HHN	146.3	238	51	S	62.13	48.16	46.18	0.00	0.98*	0.00S	0.000						
BCI	AC	HHZ	149.7	332	51	P	40.44	26.47	26.97	0.00	-0.50	1.15	0.223						
BCI	AC	HHN	149.7	332	51	S	62.19	48.22	47.20	0.00	0.02*	0.90S	0.305						
SRN	AC	HHZ	166.1	210	46	P	43.68	29.71	29.63	0.00	0.08	1.15	0.113						
SRN	AC	HHE	166.1	210	46	S	65.43	51.46	51.85	0.00	-0.39	1.15S	0.312						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	04	2211	30.73	41 11.52	20E55.21	2.78	0.34	0.02	0.97	2.75	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	
16	24	60.0	Atl	167	17	0	14	7	16		0.00	0.00	L	4.00	0.08	D

1 4 JUL 2017, 22:11 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 2.01 66 78>-< 1.04 246 11>-< 0.49 156 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		60.0	139	51	P		42.18	11.45	11.33	0.00	0.12	1.02		0.309	1.00	19	2.63	D
FNA	AC	HHE		60.0	139	51	S		50.38	19.65	19.83	0.00	-0.18	1.02S		0.648				
KBN	AC	HHZ		64.1	191	51	P		42.70	11.97	12.04	0.00	-0.07	1.02		0.190	1.00	38	3.30	D
KBN	AC	HHE		64.1	191	51	S		51.46	20.73	21.07	0.00	-0.34	1.02S		0.278				
PHP	AC	HHZ		67.8	324	51	P		43.13	12.40	12.68	0.00	-0.28	1.02		0.210	1.00	21	2.72	D
PHP	AC	HHN		67.8	324	51	S		52.81	22.08	22.19	0.00	-0.11	1.02S		0.338				
TIR	AC	HHZ		90.1	282	51	P		46.68	15.95	16.50	0.00	-0.55*	1.01		0.219	1.00	22	2.77	D
TIR	AC	HHN		90.1	282	51	S		59.82	29.09	28.88	0.00	0.22	1.02S		0.376				
LSK	AC	HHZ		118.9	194	51	P		52.30	21.57	21.45	0.00	0.12	1.02		0.193				
LSK	AC	HHN		118.9	194	51	S		68.93	38.20	37.54	0.00	0.66*	0.94S		0.238				
VLO	AC	HHZ		144.5	237	51	P		59.91	29.18	25.86	0.00	0.32*	0.00		0.000				
VLO	AC	HHN		144.5	237	51	S		77.72	46.99	45.25	0.00	0.74*	0.00S		0.000				
BCI	AC	HHZ		148.5	332	51	P		57.47	26.74	26.54	0.00	0.20	1.02		0.228				
BCI	AC	HHE		148.5	332	51	S		77.37	46.64	46.44	0.00	0.19	1.02S		0.395				
SRN	AC	HHZ		165.2	209	46	P		60.32	29.59	29.23	0.00	0.36	1.02		0.156				
SRN	AC	HHE		165.2	209	46	S		81.08	50.35	51.15	0.00	-0.80*	0.78S		0.213				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	04	2316	21.81	41 12.09	20E56.71	4.06	0.31	0.85	0.62	3.30	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  
 18 27 59.5 At1 170 12 0 15 7 18 0.00 0.00 L 7.00 0.35 D

1 4 JUL 2017, 23:16 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.67 54 78>-< 0.87 245 11>-< 0.50 155 2>

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		59.5	141	62	P	33.46	11.65	11.02	0.00	0.63*	0.90		0.234	1.00	22	2.77	D
FNA	AC	HHN		59.5	141	62	S	40.86	19.05	19.28	0.00	-0.23	1.04S		0.641				
KBN	AC	HHZ		65.5	192	62	P	33.78	11.97	12.06	0.00	-0.09	1.04		0.204	1.00	26	2.93	D
KBN	AC	HHE		65.5	192	62	S	42.69	20.88	21.10	0.00	-0.23	1.04S		0.194				
PHP	AC	HHZ		68.2	323	62	P	34.49	12.68	12.53	0.00	0.15	1.04		0.235	1.00	28	3.00	D
PHP	AC	HHN		68.2	323	62	S	43.53	21.72	21.93	0.00	-0.21	1.04S		0.492				
TIR	AC	HHZ		92.0	281	62	P	37.83	16.02	16.60	0.00	-0.58*	0.97		0.182	1.00	40	3.35	D
TIR	AC	HHE		92.0	281	62	S	50.91	29.10	29.05	0.00	0.05	1.04S		0.290				
LSK	AC	HHZ		120.4	195	62	P	43.09	21.28	21.49	0.00	-0.21	1.04		0.206	1.00	62	3.77	D
LSK	AC	HHE		120.4	195	62	S	59.07	37.26	37.61	0.00	-0.35	1.04S		0.195				
BPA1	AC	HHZ		120.8	245	62	P	43.56	21.75	21.56	0.00	0.19	1.04		0.240	1.00	43	3.42	D
BPA1	AC	HHE		120.8	245	62	S	61.00	39.19	37.73	0.00	0.46*	0.00S		0.000				
VLO	AC	HHZ		146.9	237	55	P	49.40	27.59	26.04	0.00	0.55*	0.00		0.000				
VLO	AC	HHN		146.9	237	55	S	67.55	45.74	45.57	0.00	0.17	1.04S		0.317				
BCI	AC	HHZ		148.6	331	55	P	48.16	26.35	26.31	0.00	0.04	1.04		0.242	1.00	40	3.35	D
BCI	AC	HHN		148.6	331	55	S	69.22	47.41	46.04	0.00	0.37*	0.00S		0.000				
SRN	AC	HHZ		167.1	209	55	P	51.87	30.06	29.27	0.00	0.79*	0.63		0.042				
SRN	AC	HHE		167.1	209	55	S	73.40	51.59	51.22	0.00	0.37	1.04S		0.279				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-04 2337 8.77 41 11.78 20E56.50 5.05 0.35 0.83 0.80 2.94 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  
 18 27 59.2 At1 168 22 0 16 7 18 # 0.00 0.00 L 6.00 0.14 D

1 4 JUL 2017, 23:37 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.83 53 81>-< 0.84 242 8>-< 0.50 151 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		59.2	140	62	P	20.03	11.26	10.81	0.00	0.45	1.13		0.285	1.00	25	2.90	D
FNA	AC	HHN		59.2	140	62	S	27.35	18.58	18.92	0.00	-0.34	1.13S		0.601				
KBN	AC	HHZ		64.9	192	62	P	20.34	11.57	11.79	0.00	-0.22	1.13		0.188	1.00	21	2.73	D



BCI	AC	HHE	148.7	331	55	S	100.51	46.08	45.88	0.00	0.19	1.20S	0.429							
BCI	AC	HHN	148.7	331	55		6	60.00	5.57	26.22	0.00	0.00	0.000	1.00			4.9	.60	3.73	L
SRN	AC	HHZ	169.0	210	55	P		84.02	29.59	29.47	0.00	0.12	1.20	0.125						
SRN	AC	HHN	169.0	210	55	S		106.46	52.03	51.57	0.00	0.46	1.01S	0.248						
SRN	AC	HHE	169.0	210	55		6	60.00	5.57	29.47	0.00	0.00	0.000	1.00			3.2	.83	3.67	L
THE	AC	HHZ	179.8	110	55	P		85.31	30.88	31.19	0.00	-0.31	1.20	0.272						
THE	AC	HHE	179.8	110	55	S		108.83	54.40	54.58	0.00	-0.18	1.20S	0.527						
IGT	AC	HHZ	194.2	197	55	P		88.65	34.22	33.48	0.00	0.74*	0.14	0.001						
IGT	AC	HHN	194.2	197	55	S		112.71	58.28	58.59	0.00	-0.31	1.20S	0.311						
LKD2	AC	HHZ	270.2	186	43	P		98.85	44.42	44.22	0.00	0.20	1.20	0.077						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	05	0102	0.67	41 10.29	20E53.97	3.61	0.37	0.98	0.89	3.00	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	24	59.5	At1	163	9	0	14	7	16		0.00	0.00	L 5.00 0.07 D

1 5 JUL 2017, 1:02 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.91 68 82>-< 0.99 245 7>-< 0.50 155 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		59.5	136	51	P		11.93	11.26	11.26	0.00	0.00	1.10		0.333	1.00	16	2.46	D
FNA	AC	HHN		59.5	136	51	S		20.65	19.98	19.70	0.00	0.28	1.10S		0.616				
KBN	AC	HHZ		61.6	189	51	P		12.14	11.47	11.62	0.00	-0.15	1.10		0.181	1.00	28	3.00	D
KBN	AC	HHN		61.6	189	51	S		20.59	19.92	20.33	0.00	-0.41	1.10S		0.250				
PHP	AC	HHZ		68.7	327	51	P		13.01	12.34	12.84	0.00	-0.50*	1.08		0.244	1.00	24	2.85	D
PHP	AC	HHN		68.7	327	51	S		22.80	22.13	22.47	0.00	-0.34	1.10S		0.360				
TIR	AC	HHZ		88.9	284	51	P		16.63	15.96	16.31	0.00	-0.35	1.10		0.217	1.00	28	3.00	D
TIR	AC	HHE		88.9	284	51	S		29.57	28.90	28.54	0.00	0.36	1.10S		0.341				
LSK	AC	HHZ		116.3	193	51	P		21.93	21.26	21.02	0.00	0.24	1.10		0.182	1.00	30	3.07	D
LSK	AC	HHN		116.3	193	51	S		36.91	36.24	36.78	0.00	-0.54*	1.05S		0.236				
VLO	AC	HHZ		141.9	238	51	P		26.51	25.84	25.41	0.00	0.43	1.10		0.223				
VLO	AC	HHN		141.9	238	51	S		46.95	46.28	44.47	0.00	0.81*	0.00S		0.000				
BCI	AC	HHZ		149.7	333	51	P		28.61	27.94	26.76	0.00	0.18*	0.03		0.000				
BCI	AC	HHN		149.7	333	51	S		47.85	47.18	46.83	0.00	0.35	1.10S		0.403				
SRN	AC	HHZ		162.4	209	46	P		30.21	29.54	28.80	0.00	0.74*	0.78		0.072				
SRN	AC	HHE		162.4	209	46	S		51.22	50.55	50.40	0.00	0.15	1.10S		0.334				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
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2017-07-05 0429 31.08 41 10.95 20E55.46 2.13 0.39 0.83 0.07 3.58 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  
18 27 59.0 At1 166 11 0 16 8 18 0.00 0.00 L 6.00 0.10 D

1 5 JUL 2017, 4:29 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 2.13 54 75>-< 0.85 241 13>-< 0.58 150 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		59.0	138	51	P		42.78	11.70	11.37	0.00	0.33	1.10		0.271	1.00	40	3.34 D
FNA	AC	HHN		59.0	138	51	S		51.21	20.13	19.90	0.00	0.23	1.10S		0.641			
KBN	AC	HHZ		63.1	191	51	P		42.91	11.83	12.09	0.00	-0.26	1.10		0.178	1.00	55	3.65 D
KBN	AC	HHN		63.1	191	51	S		51.41	20.33	21.16	0.00	-0.83*	0.62S		0.073			
PHP	AC	HHZ		68.9	325	51	P		43.88	12.80	13.08	0.00	-0.28	1.10		0.223	1.00	55	3.65 D
PHP	AC	HHN		68.9	325	51	S		54.02	22.94	22.89	0.00	0.05	1.10S		0.539			
TIR	AC	HHZ		90.6	283	51	P		47.54	16.46	16.82	0.00	-0.36	1.10		0.173	1.00	45	3.46 D
TIR	AC	HHN		90.6	283	51	S		60.13	29.05	29.43	0.00	-0.39	1.10S		0.271			
LSK	AC	HHZ		117.9	194	51	P		52.15	21.07	21.51	0.00	-0.44	1.10		0.178	1.00	66	3.83 D
LSK	AC	HHE		117.9	194	51	S		68.12	37.04	37.64	0.00	-0.60*	1.02S		0.192			
BPA1	AC	HHZ		118.3	245	51	P		53.11	22.03	21.58	0.00	0.45	1.10		0.187			
BPA1	AC	HHN		118.3	245	51	S		69.30	38.22	37.76	0.00	0.45	1.10S		0.243			
VLO	AC	HHZ		144.3	238	51	P		58.26	27.18	26.03	0.00	0.15*	0.07		0.000	1.00	47	3.50 D
VLO	AC	HHN		144.3	238	51	S		77.25	46.17	45.55	0.00	0.62*	1.00S		0.200			
BCI	AC	HHZ		149.6	332	51	P		58.16	27.08	26.94	0.00	0.14	1.10		0.244			
BCI	AC	HHE		149.6	332	51	S		79.81	48.73	47.14	0.00	1.58*	0.00S		0.000			
SRN	AC	HHZ		164.5	209	46	P		60.88	29.80	29.35	0.00	0.45	1.10		0.129			
SRN	AC	HHE		164.5	209	46	S		82.35	51.27	51.36	0.00	-0.09	1.10S		0.250			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-07-05 0641 56.14 41 11.08 20E57.68 5.64 0.49 1.17 3.71 2.78 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  
15 22 57.2 At1 138 23 0 13 7 14 # 1.00 0.00 L 0.00 0.00 D

1 5 JUL 2017, 6:41 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 3.74 227 82>-< 1.18 46 7>-< 0.71 136 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		57.2	141	62	P		65.97	9.83	10.48	0.00	-0.65*	1.14		0.338			





BCI	AC	HHE	150.2	332	55		6	60.00	16.21	26.79	0.00		0.00	0.000	1.00		1.7	.43	3.27	L
SRN	AC	HHZ	164.4	209	55	P		72.58	28.79	29.05	0.00	-0.26	1.15	0.114						
SRN	AC	HHE	164.4	209	55	S		94.64	50.85	50.84	0.00	0.01	1.15S	0.272						
SRN	AC	HHN	164.4	209	55		6	60.00	16.21	29.05	0.00		0.00	0.000	1.00		0.63	.83	2.94	L
THE	AC	HHZ	181.7	108	55	P		75.39	31.60	31.81	0.00	-0.21	1.15	0.303						
THE	AC	HHN	181.7	108	55	S		98.24	54.45	55.67	0.00	-1.22*	0.01S	0.000						
IGT	AC	HHZ	189.9	196	55	P		77.69	33.90	33.13	0.00	0.77*	0.68	0.036						
IGT	AC	HHE	189.9	196	55	S		102.10	58.31	57.98	0.00	0.33	1.15S	0.258						
LKD2	AC	HHZ	266.4	186	43	P		88.52	44.73	44.14	0.00	0.59*	1.05	0.063						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	07	05	1958	1.81	41 10.97	20E54.58	6.07	0.12	0.86	2.40	3.17	3.30	3.2

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	59.8	Atl	171	9	0	9	4	10	-	3.00	0.02 L	3.00 0.26 D

1 5 JUL 2017, 19:58 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 22.40 0 90>-< 0.86 235 0>-< 0.41 325 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		59.8	137	90	P		13.05	11.24	10.90	0.00	0.34	1.10		0.307			
FNA	AC	HHN		59.8	137	90	S		20.72	18.91	19.07	0.00	-0.16	1.10S		0.509			
KBN	AC	HHZ		62.9	190	90	P		12.93	11.12	11.44	0.00	-0.32	1.10		0.179			
KBN	AC	HHN		62.9	190	90		6	0.00	-1.81	11.44	0.00		0.00		0.000	1.00		6.6 .92 3.17 L
							S		20.27	18.46	20.02	0.00	-0.46	0.00S		0.000			
PHP	AC	HHZ		68.1	326	90	P		13.97	12.16	12.33	0.00	-0.17	1.10		0.317	1.00	25	2.90 D
PHP	AC	HHN		68.1	326	90		6	0.00	-1.81	12.33	0.00		0.00		0.000	1.00		2.4 .40 2.80 L
							S		23.42	21.61	21.58	0.00	0.03	1.10S		0.511			
TIR	AC	HHZ		89.4	283	90	P		17.01	15.20	15.99	0.00	-0.39	0.18		0.998	1.00	38	3.30 D
TIR	AC	HHN		89.4	283	90	S		29.88	28.07	27.98	0.00	0.09	1.10S		0.497			
LSK	AC	HHZ		117.7	194	90	P		22.97	21.16	20.85	0.00	0.31	1.10		0.183	1.00	50	3.56 D
LSK	AC	HHN		117.7	194	90		6	0.00	-1.81	20.85	0.00		0.00		0.000	1.00		2.3 .46 3.19 L
							S		38.24	36.43	36.49	0.00	-0.06	1.10S		0.496			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	07	06	0220	10.37	41 10.63	20E53.80	2.46	0.11	0.79	2.34	2.26	3.13	2.3

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	60.1	Atl	163	11	0	9	5	12		3.00	0.13 L	3.00 0.17 D

1 6 JUL 2017, 2:20 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.34 93 88>-< 0.79 237 1>-< 0.35 328 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		60.1	136	62	P		21.80	11.43	11.27	0.00	0.16	1.10		0.399									
FNA	AC	HHN		60.1	136	62	S		29.96	19.59	19.72	0.00	-0.13	1.10S		0.674									
KBN	AC	HHZ		62.1	189	62	P		22.30	11.93	11.62	0.00	0.31	1.10		0.332	1.00	32	3.13	D					
KBN	AC	HHN		62.1	189	62	S	6	0.00	-10.37	11.62	0.00		0.00		0.000	1.00				2.6	.30	2.75	L	
							S		30.53	20.16	20.33	0.00	-0.17	1.10S		0.589									
PHP	AC	HHZ		68.0	327	62	P		22.64	12.27	12.64	0.00	-0.37	1.10		0.344	1.00	23	2.81	D					
PHP	AC	HHN		68.0	327	62	S	6	0.00	-10.37	12.64	0.00		0.00		0.000	1.00				0.69	.68	2.26	L	
							S		32.40	22.03	22.12	0.00	-0.09	1.10S		0.376									
TIR	AC	HHZ		88.5	283	62	P		26.52	16.15	16.15	0.00	0.00	1.10		0.342	1.00	38	3.30	D					
TIR	AC	HHN		88.5	283	62	S	6	0.00	-10.37	16.15	0.00		0.00		0.000	1.00				0.33	.28	2.13	L	
							S		38.65	28.28	28.26	0.00	0.02	1.10S		0.506									
LSK	AC	HHZ		116.8	193	62	P		32.65	22.28	21.02	0.00	0.26	0.07		0.001									
LSK	AC	HHN		116.8	193	62	S		48.80	38.43	36.78	0.00	0.35	0.00S		0.000									
BCI	AC	HHZ		149.0	333	62	P		38.45	28.08	26.55	0.00	0.43	0.00		0.000									
BCI	AC	HHN		149.0	333	62	S		57.10	46.73	46.46	0.00	0.27	1.10S		0.431									

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-06 0631 57.44 41 12.29 20E55.36 0.67 0.20 0.67 1.39 2.53 3.95 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 22 60.9 At1 168 12 0 11 5 13 3.00 0.01 L 1.00 0.00 D

1 6 JUL 2017, 6:31 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.43 52 76>-< 0.69 240 13>-< 0.38 149 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		60.9	140	51	P		69.29	11.85	11.64	0.00	0.21	1.07		0.362								
FNA	AC	HHN		60.9	140	51	S		77.74	20.30	20.37	0.00	-0.07	1.07S		0.653								
KBN	AC	HHZ		65.5	191	51	P		69.54	12.10	12.43	0.00	-0.33	1.07		0.280								
KBN	AC	HHE		65.5	191	51	S		78.22	20.78	21.75	0.00	-0.97*	0.00S		0.000								
KBN	AC	HHN		65.5	191	51	S	6	60.00	2.56	12.43	0.00		0.00		0.000	1.00				3.0	.36	2.87	L
PHP	AC	HHZ		66.8	324	51	P		69.96	12.52	12.65	0.00	-0.13	1.07		0.310	1.00	75	3.95	D				
PHP	AC	HHN		66.8	324	51	S	6	60.00	2.56	12.65	0.00		0.00		0.000	1.00				1.3	.34	2.52	L
TIR	AC	HHZ		90.0	281	51	P		73.96	16.52	16.64	0.00	-0.12	1.07		0.288								

TIR	AC	HHN	90.0	281	51	S	86.70	29.26	29.12	0.00	0.14	1.07S	0.415								
BCI	AC	HHZ	147.3	332	51	P	84.61	27.17	26.48	0.00	0.69*	0.29	0.024								
BCI	AC	HHE	147.3	332	51	S	103.76	46.32	46.34	0.00	-0.02	1.07S	0.694								
SRN	AC	HHZ	166.6	209	46	P	87.41	29.97	29.60	0.00	0.37	1.05	0.216								
SRN	AC	HHE	166.6	209	46	S	109.10	51.66	51.80	0.00	-0.14	1.07S	0.392								
SRN	AC	HHN	166.6	209	46		6	60.00	2.56	29.60	0.00		0.00	0.000	1.00			0.24	.60	2.53	L
IGT	AC	HHZ	192.5	196	46	P	92.17	34.73	33.74	0.00	0.99*	0.00	0.000								
IGT	AC	HHN	192.5	196	46	S	116.56	59.12	59.04	0.00	0.08	1.07S	0.360								

YEAR	MO	DA	--ORIGIN--	--LAT	N-	--LON	W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	06	0912	53.87	41	12.64	20E58.47	5.18	0.40	0.76	2.02	4.08	4.39	4.1

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
30	41	58.8	Atl	140	8	0	22	11	25		6.00	0.26	L	2.00	0.07	D

SOURCE

1 6 JUL 2017, 9:12 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.03 34 85>-< 0.77 239 4>-< 0.52 149 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		58.8	144	62	P		64.76	10.89	10.80	0.00	0.09	1.04		0.176						
FNA	AC	HHE		58.8	144	62	S		72.51	18.64	18.90	0.00	-0.26	1.04S		0.213						
KBN	AC	HHZ		67.1	194	62	P		65.96	12.09	12.23	0.00	-0.14	1.04		0.137	1.00	109	4.32	D		
KBN	AC	HHN		67.1	194	62	S		74.62	20.75	21.40	0.00	-0.65*	0.98S		0.130						
KBN	AC	HHE		67.1	194	62		6	60.00	6.13	12.23	0.00		0.00		0.000	1.00		35	.57	3.95	L
PHP	AC	HHZ		69.0	320	62	P		66.32	12.45	12.55	0.00	-0.10	1.04		0.177	1.00	125	4.45	D		
PHP	AC	HHN		69.0	320	62		6	60.00	6.13	12.55	0.00		0.00		0.000	1.00		15	.66	3.61	L
							S		76.18	22.31	21.96	0.00	0.35	1.04S		0.263						
TIR	AC	HHZ		94.2	280	62	P		70.19	16.32	16.89	0.00	-0.57*	1.03		0.146						
TIR	AC	HHN		94.2	280	62	S		83.22	29.35	29.56	0.00	-0.21	1.04S		0.209						
TIR	AC	HHE		94.2	280	62		6	60.00	6.13	16.89	0.00		0.00		0.000	1.00		8.6	.89	3.59	L
LSK	AC	HHZ		122.0	196	62	P		75.39	21.52	21.67	0.00	-0.15	1.04		0.138						
LSK	AC	HHN		122.0	196	62	S		92.29	38.42	37.92	0.00	0.50	1.04S		0.148						
LSK	AC	HHE		122.0	196	62		6	60.00	6.13	21.67	0.00		0.00		0.000	1.00		31	.80	4.35	L
BCI	AC	HHZ		148.9	330	55	P		80.17	26.30	26.23	0.00	0.07	1.04		0.156						
BCI	AC	HHN		148.9	330	55	S		99.94	46.07	45.90	0.00	0.17	1.04S		0.364						
BCI	AC	HHE		148.9	330	55		6	60.00	6.13	26.23	0.00		0.00		0.000	1.00		191.08		4.32	L
VLO	AC	HHZ		149.5	238	55	P		80.26	26.39	26.33	0.00	0.06	1.04		0.094						
VLO	AC	HHN		149.5	238	55	S		99.37	45.50	46.08	0.00	-0.58*	1.03S		0.208						
SRN	AC	HHZ		169.2	210	55	P		83.91	30.04	29.48	0.00	0.56*	1.03		0.086						
SRN	AC	HHN		169.2	210	55	S		106.01	52.14	51.59	0.00	0.55*	1.04S		0.179						
SRN	AC	HHE		169.2	210	55		6	60.00	6.13	29.48	0.00		0.00		0.000	1.00		11	.92	4.20	L

THE	AC	HHZ	179.4	110	55	P	85.32	31.45	31.10	0.00	0.35	1.04	0.205
THE	AC	HHE	179.4	110	55	S	108.01	54.14	54.42	0.00	-0.28	1.04S	0.454
IGT	AC	HHZ	194.3	197	55	P	87.78	33.91	33.48	0.00	0.43	1.04	0.086
IGT	AC	HHE	194.3	197	55	S	113.39	59.52	58.59	0.00	0.93*	0.65S	0.065
SCTE	AC	HHZ	246.5	241	43	P	92.35	38.48	41.06	0.00	-2.58*	0.00	0.000
LKD2	AC	HHZ	270.2	186	43	P	97.13	43.26	44.20	0.00	-0.94*	0.62	0.019
LKD2	AC	HHE	270.2	186	43	S	131.17	77.30	77.35	0.00	-0.05	1.04S	0.334
NOCI	AC	HHZ	332.4	264	43	P	103.72	49.85	52.42	0.00	-2.57*	0.00	0.000
SGRT	AC	HHZ	439.8	280	43	P	116.66	62.79	66.63	0.00	-3.84*	0.00	0.000

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG		
2017	07	06	1319	23.20	41	9.52	20E52.78	5.71	0.27	0.91	2.47	3.07	3.16	3.1

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	SOURCE	
15	22	59.6	Atl	160	22	0	12	6	14	#	6.00	0.19	L	4.00	0.06	D	

1 6 JUL 2017, 13:19 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.47 114 87>-< 0.91 244 1>-< 0.42 334 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		59.6	134	62	P		34.18	10.98	10.90	0.00	0.08	1.02		0.341				
FNA	AC	HHN		59.6	134	62	S		41.88	18.68	19.07	0.00	-0.40	1.00S		0.598				
KBN	AC	HHZ		59.9	188	62	P		34.21	11.01	10.95	0.00	0.06	1.02		0.215	1.00	32	3.13 D	
KBN	AC	HHN		59.9	188	62	S		42.28	19.08	19.16	0.00	-0.08	1.02S		0.390				
KBN	AC	HHE		59.9	188	62		6	0.00	-23.20	10.95	0.00	0.00	0.00	1.00			5.2	.50	3.01 L
PHP	AC	HHZ		69.0	329	62	P		35.25	12.05	12.51	0.00	-0.46	0.93		0.234	1.00	34	3.19 D	
PHP	AC	HHN		69.0	329	62		6	0.00	-23.20	12.51	0.00	0.00	0.00	1.00			1.8	.37	2.69 L
							S		44.72	21.52	21.89	0.00	-0.37	1.01S		0.294				
TIR	AC	HHZ		87.6	285	62	P		38.66	15.46	15.70	0.00	-0.24	1.02		0.272	1.00	30	3.07 D	
TIR	AC	HHE		87.6	285	62		6	0.00	-23.20	15.70	0.00	0.00	0.00	1.00			0.69	.56	2.44 L
							S		50.59	27.39	27.48	0.00	-0.08	1.02S		0.422				
LSK	AC	HHZ		114.5	193	62	P		43.55	20.35	20.33	0.00	0.02	1.02		0.221	1.00	51	3.58 D	
LSK	AC	HHE		114.5	193	62		6	0.00	-23.20	20.33	0.00	0.00	0.00	1.00			2.5	.57	3.21 L
							S		58.29	35.09	35.58	0.00	-0.49	0.89S		0.311				
BCI	AC	HHZ		150.2	334	55	P		49.95	26.75	26.39	0.00	0.36	1.02		0.200				
BCI	AC	HHE		150.2	334	55		6	60.00	36.80	26.39	0.00	0.00	0.00	1.00			1.2	.43	3.12 L
							S		69.42	46.22	46.18	0.00	0.04	1.02S		0.496				
SRN	AC	HHZ		160.4	208	55	P		52.69	29.49	28.00	0.00	0.49	0.00		0.000				
SRN	AC	HHE		160.4	208	55		6	60.00	36.80	28.00	0.00	0.00	0.00	1.00			1.5	.72	3.30 L
							S		73.23	50.03	49.00	0.00	1.03*	0.00S		0.000				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-06 1734 4.50 41 11.33 20E56.37 1.96 0.20 0.76 1.34 2.72 3.22 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  
 14 20 58.7 At1 168 21 0 12 6 13 # 5.00 0.17 L 3.00 0.05 D

1 6 JUL 2017, 17:34 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.36 69 79>-< 0.77 254 10>-< 0.31 164 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		58.7	140	51	P		16.18	11.68	11.07	0.00	0.41	0.65		0.165			
FNA	AC	HHN		58.7	140	51	S		23.78	19.28	19.37	0.00	-0.09	1.18S		0.896			
KBN	AC	HHZ		64.1	192	51	P		16.42	11.92	12.00	0.00	-0.08	1.18		0.318	1.00	35	3.22 D
KBN	AC	HHN		64.1	192	51	S		25.29	20.79	21.00	0.00	-0.21	1.18S		0.269			
KBN	AC	HHE		64.1	192	51		6	0.00	-4.50	12.00	0.00		0.00		0.000	1.00		2.3 .72 2.72 L
PHP	AC	HHZ		69.1	324	51	P		17.16	12.66	12.86	0.00	-0.20	1.18		0.370	1.00	31	3.10 D
PHP	AC	HHN		69.1	324	51		6	0.00	-4.50	12.86	0.00		0.00		0.000	1.00		0.93 .15 2.41 L
									27.06	22.56	22.50	0.00	0.06	1.18S		0.428			
LSK	AC	HHZ		118.9	195	51	P		25.94	21.44	21.43	0.00	0.01	1.18		0.323	1.00	37	3.27 D
LSK	AC	HHN		118.9	195	51		6	0.00	-4.50	21.43	0.00		0.00		0.000	1.00		0.97 .50 2.83 L
									41.95	37.45	37.50	0.00	-0.05	1.18S		0.285			
BCI	AC	HHZ		149.6	332	51	P		31.87	27.37	26.69	0.00	0.68*	0.43		0.051			
BCI	AC	HHN		149.6	332	51		6	0.00	-4.50	26.69	0.00		0.00		0.000	1.00		0.73 .68 2.91 L
									51.14	46.64	46.71	0.00	-0.07	1.18S		0.459			
SRN	AC	HHZ		165.7	209	46	P		34.49	29.99	29.27	0.00	0.72*	0.32		0.019			
SRN	AC	HHN		165.7	209	46		6	0.00	-4.50	29.27	0.00		0.00		0.000	1.00		0.25 .68 2.55 L
									55.94	51.44	51.22	0.00	0.22	1.18S		0.410			
IGT	AC	HHZ		191.2	196	46	P		38.89	34.39	33.34	0.00	1.05*	0.00		0.000			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-06 2306 58.04 41 11.45 20E56.02 1.77 0.27 0.50 1.30 3.40 3.60 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  
 22 32 59.1 At1 137 12 0 22 10 22 7.00 0.26 L 4.00 0.07 D

1 6 JUL 2017, 23:06 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.32 73 80>-< 0.51 246 9>-< 0.39 336 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		59.1	140	51	P		69.78	11.74	11.18	0.00	0.26	0.87		0.115			
FNA	AC	HHE		59.1	140	51	S		77.66	19.62	19.56	0.00	0.06	1.20S		0.583			
KBN	AC	HHZ		64.2	192	51	P		70.12	12.08	12.04	0.00	0.04	1.20		0.141	1.00	52	3.60 D
KBN	AC	HHE		64.2	192	51		6	60.00	1.96	12.04	0.00		0.00		0.000	1.00		9.3 .72 3.33 L
									78.29	20.25	21.07	0.00	-0.42	0.13S		0.003			
PHP	AC	HHZ		68.6	324	51	P		70.92	12.88	12.80	0.00	0.08	1.20		0.189	1.00	52	3.60 D
PHP	AC	HHN		68.6	324	51		6	60.00	1.96	12.80	0.00		0.00		0.000	1.00		3.0 .47 2.92 L
									80.76	22.72	22.40	0.00	0.32	1.20S		0.360			
TIR	AC	HHZ		91.2	282	51	P		74.45	16.41	16.69	0.00	-0.28	1.20		0.158	1.00	42	3.39 D
TIR	AC	HHN		91.2	282	51		6	60.00	1.96	16.69	0.00		0.00		0.000	1.00		2.3 .36 2.99 L
									86.46	28.42	29.21	0.00	-0.79*	0.19S		0.006			
LSK	AC	HHZ		119.0	194	51	P		79.07	21.03	21.47	0.00	-0.44	1.14		0.127	1.00	60	3.74 D
LSK	AC	HHN		119.0	194	51		6	60.00	1.96	21.47	0.00		0.00		0.000	1.00		5.3 .89 3.57 L
									94.83	36.79	37.57	0.00	-0.78*	0.20S		0.007			
BPA1	AC	HHZ		119.5	245	51	P		80.26	22.22	21.54	0.00	0.68*	0.48		0.024			
BPA1	AC	HHN		119.5	245	51	S		95.71	37.67	37.69	0.00	-0.02	1.20S		0.221			
BPA2	AC	HHZ		122.0	246	51	P		80.55	22.51	21.97	0.00	0.54*	0.93		0.089			
BPA2	AC	HHE		122.0	246	51	S		96.56	38.52	38.45	0.00	0.07	1.20S		0.222			
VLO	AC	HHZ		145.4	238	51	P		83.66	25.62	26.01	0.00	-0.39	1.19		0.144			
VLO	AC	HHN		145.4	238	51		6	60.00	1.96	26.01	0.00		0.00		0.000	1.00		4.3 .62 3.66 L
									103.58	45.54	45.52	0.00	0.02	1.20S		0.221			
BCI	AC	HHZ		149.1	332	51	P		84.60	26.56	26.64	0.00	-0.08	1.20		0.201			
BCI	AC	HHN		149.1	332	51		6	60.00	1.96	26.64	0.00		0.00		0.000	1.00		4.21.22 3.66 L
									104.42	46.38	46.62	0.00	-0.24	1.20S		0.408			
SRN	AC	HHZ		165.6	209	46	P		87.41	29.37	29.29	0.00	0.08	1.20		0.103			
SRN	AC	HHE		165.6	209	46		6	60.00	1.96	29.29	0.00		0.00		0.000	1.00		1.81.15 3.40 L
									109.11	51.07	51.26	0.00	-0.19	1.20S		0.282			
THE	AC	HHZ		181.9	109	46	P		89.65	31.61	31.88	0.00	-0.27	1.20		0.282			
IGT	AC	HHZ		191.3	196	46	P		91.78	33.74	33.38	0.00	0.36	1.20		0.107			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	07	0232	42.23	41 10.23	20E53.18	6.76	0.32	0.74	2.07	3.04	3.1

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
18	26	60.1	At1	134	9	0	16	7	17		6.00	0.16 L	0.00 0.00 D

1 7 JUL 2017, 2:32 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.07 154 87>-< 0.74 245 0>-< 0.44 334 2>

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		60.1	135	90	P		53.34	11.11	10.98	0.00	0.13	1.13		0.268					
FNA	AC	HHN		60.1	135	90	S		61.56	19.33	19.22	0.00	0.11	1.13S		0.459					
KBN	AC	HHZ		61.3	188	90	P		53.45	11.22	11.18	0.00	0.04	1.13		0.127					
KBN	AC	HHN		61.3	188	90		6	60.00	17.77	11.18	0.00		0.00		0.000	1.00	6.1	.56	3.11	L
							S		61.29	19.06	19.56	0.00	-0.21	1.08S		0.220					
PHP	AC	HHZ		68.2	328	90	P		54.40	12.17	12.34	0.00	-0.17	1.13		0.193					
PHP	AC	HHN		68.2	328	90		6	60.00	17.77	12.34	0.00		0.00		0.000	1.00	3.2	.28	2.93	L
							S		63.76	21.53	21.60	0.00	-0.07	1.13S		0.317					
TIR	AC	HHZ		87.8	284	90	P		58.15	15.92	15.72	0.00	0.20	1.13		0.129					
TIR	AC	HHE		87.8	284	90		6	60.00	17.77	15.72	0.00		0.00		0.000	1.00	1.7	.36	2.84	L
							S		69.29	27.06	27.51	0.00	-0.45	1.12S		0.280					
BPA1	AC	HHZ		114.9	245	90	P		62.93	20.70	20.37	0.00	0.33	1.13		0.124					
BPA1	AC	HHN		114.9	245	90	S		78.38	36.15	35.65	0.00	0.40	1.09S		0.311					
LSK	AC	HHZ		115.9	193	90	P		62.80	20.57	20.55	0.00	0.02	1.13		0.120					
LSK	AC	HHE		115.9	193	90		6	60.00	17.77	20.55	0.00		0.00		0.000	1.00	2.7	.80	3.26	L
							S		76.73	34.50	35.96	0.00	-1.46*	0.00S		0.000					
BCI	AC	HHZ		149.3	334	68	P		67.85	25.62	26.16	0.00	-0.54*	1.04		0.198					
BCI	AC	HHN		149.3	334	68		6	60.00	17.77	26.16	0.00		0.00		0.000	1.00	1.8	.66	3.30	L
							S		88.44	46.21	45.78	0.00	0.43	1.13S		0.555					
SRN	AC	HHZ		161.8	208	68	P		71.32	29.09	28.15	0.00	0.94*	0.21		0.007					
SRN	AC	HHE		161.8	208	68	S		91.34	49.11	49.26	0.00	-0.15	1.13S		0.676					
SRN	AC	HHN		161.8	208	68		6	60.00	17.77	28.15	0.00		0.00		0.000	1.00	0.69	1.01	2.96	L
THE	AC	HHZ		184.9	108	68	P		73.11	30.88	31.84	0.00	-0.96*	0.16		0.009					

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-07-07 0516 18.16 41 9.80 20E55.36 6.32 0.29 0.80 1.98 2.96 3.35 3.0

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T SOURCE L F X  
15 22 57.5 At1 164 8 0 15 7 15 5.00 0.13 L 5.00 0.11 D

1 7 JUL 2017, 5:16 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>< 1.99 119 86>< 0.81 245 1>< 0.43 334 2>

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		57.5	137	90	P		28.71	10.55	10.50	0.00	0.05	1.13		0.297					
FNA	AC	HHN		57.5	137	90	S		36.21	18.05	18.38	0.00	-0.33	1.12S		0.495					
KBN	AC	HHZ		61.0	191	90	P		29.20	11.04	11.11	0.00	-0.07	1.13		0.128	1.00	40	3.35	D	
KBN	AC	HHN		61.0	191	90		6	0.00	-18.16	11.11	0.00		0.00		0.000	1.00	2.5	.54	2.72	L
							S		37.03	18.87	19.44	0.00	-0.47	0.59S		0.069					
PHP	AC	HHZ		70.5	326	90	P		30.20	12.04	12.75	0.00	-0.31	0.19		0.007	1.00	38	3.30	D	



PHP	AC	HHN	70.5	326	90	6	0.00-18.16	12.75	0.00	0.00	0.000	1.00				3.2	.18	2.96	L
						S	40.13	21.97	22.31	0.00	-0.34	1.12S	0.396						
TIR	AC	HHZ	91.0	284	90	P	33.92	15.76	16.26	0.00	-0.50*	0.83	0.099	1.00	32	3.13	D		
TIR	AC	HHN	91.0	284	90	6	0.00-18.16	16.26	0.00	0.00	0.000	1.00				1.9	.41	2.90	L
						S	46.26	28.10	28.45	0.00	-0.36	1.12S	0.395						
LSK	AC	HHZ	115.8	194	90	P	38.60	20.44	20.53	0.00	-0.09	1.13	0.127	1.00	47	3.51	D		
LSK	AC	HHN	115.8	194	90	S	54.10	35.94	35.93	0.00	0.01	1.13S	0.261						
BPA1	AC	HHZ	117.3	246	90	P	39.27	21.11	20.79	0.00	0.32	1.13	0.168						
BCI	AC	HHZ	151.4	333	68	P	44.97	26.81	26.52	0.00	0.29	1.13	0.264						
BCI	AC	HHE	151.4	333	68	6	60.00	41.84	26.52	0.00	0.00	0.000	1.00			2.5	.41	3.46	L
						S	65.00	46.84	46.41	0.00	0.43	1.02S	0.492						
SRN	AC	HHZ	162.5	210	68	P	46.75	28.59	28.30	0.00	0.29	1.13	0.172	1.00	45	3.46	D		
SRN	AC	HHE	162.5	210	68	6	60.00	41.84	28.30	0.00	0.00	0.000	1.00			0.91	.60	3.09	L
						S	67.87	49.71	49.52	0.00	0.18	1.13S	0.622						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-07 0518 25.01 41 10.27 20E56.24 10.67 0.31 0.65 1.59 3.77 3.89 3.8

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 21 29 57.3 At1 136 11 0 18 8 20 7.00 0.12 L 4.00 0.11 D

1 7 JUL 2017, 5:18 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.60 67 83>-< 0.65 241 6>-< 0.42 151 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		57.3	138	95	P	36.03	11.02	10.51	0.00	0.51*	1.12		0.214					
FNA	AC	HHN		57.3	138	95	S	43.38	18.37	18.39	0.00	-0.02	1.14S		0.382					
KBN	AC	HHZ		62.1	192	95	P	36.22	11.21	11.34	0.00	-0.13	1.14		0.131	1.00	63	3.80	D	
KBN	AC	HHN		62.1	192	95	6	0.00-25.01	11.34	0.00	0.00	0.000	1.00			25	.25	3.75	L	
						S	44.58	19.57	19.85	0.00	-0.28	1.14S	0.279							
PHP	AC	HHZ		70.5	325	94	P	37.65	12.64	12.78	0.00	-0.14	1.14		0.196	1.00	56	3.69	D	
PHP	AC	HHN		70.5	325	94	6	0.00-25.01	12.78	0.00	0.00	0.000	1.00			4.5	.23	3.11	L	
						S	47.30	22.29	22.36	0.00	-0.08	1.14S	0.337							
TIR	AC	HHZ		92.0	283	93	P	41.07	16.06	16.46	0.00	-0.40	1.14		0.141	1.00	75	3.97	D	
TIR	AC	HHN		92.0	283	93	6	0.00-25.01	16.46	0.00	0.00	0.000	1.00			7.0	.51	3.49	L	
						S	53.94	28.93	28.80	0.00	0.13	1.14S	0.308							
LSK	AC	HHZ		117.0	195	78	P	45.59	20.58	20.73	0.00	-0.15	1.14		0.084	1.00	78	4.01	D	
LSK	AC	HHE		117.0	195	78	6	60.00	34.99	20.73	0.00	0.00	0.000	1.00			8.8	.57	3.77	L
						S	61.27	36.26	36.28	0.00	-0.02	1.14S	0.203							
BPA1	AC	HHZ		118.8	246	78	P	46.69	21.68	21.04	0.00	0.64*	0.99		0.063					
BPA1	AC	HHN		118.8	246	78	S	61.72	36.71	36.82	0.00	-0.11	1.14S		0.243					

BPA2	AC	HHZ	121.4	247	68	P	46.86	21.85	21.45	0.00	0.40	1.14	0.108						
VLO	AC	HHZ	144.5	238	68	P	52.50	27.49	25.15	0.00	2.34*	0.00	0.000						
VLO	AC	HHN	144.5	238	68		6	60.00	34.99	25.15	0.00		0.00	0.000	1.00		8.7	.63	3.95 L
BCI	AC	HHZ	151.2	332	68	P	52.26	27.25	26.21	0.00	1.04*	0.22	0.008						
BCI	AC	HHN	151.2	332	68		6	60.00	34.99	26.21	0.00		0.00	0.000	1.00		6.2	.68	3.85 L
						S		70.78	45.77	45.87	0.00	-0.10	1.14S	0.527					
SRN	AC	HHZ	163.9	210	68	P	54.03	29.02	28.24	0.00	0.78*	0.75	0.048						
SRN	AC	HHE	163.9	210	68		6	60.00	34.99	28.24	0.00		0.00	0.000	1.00		5.6	.57	3.89 L
						S		74.13	49.12	49.42	0.00	-0.30	1.14S	0.334					
THE	AC	HHZ	180.9	108	68	P	55.66	30.65	30.95	0.00	-0.30	1.14	0.387						
IGT	AC	HHZ	189.2	197	68	P	58.52	33.51	32.28	0.00	1.23*	0.02	0.000						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	07	0602	32.93	41 9.79	20E55.68	5.15	0.34	0.86	2.18	2.36	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
19	27	57.1	At1	164	14	0	15	7	16		3.00	0.06 L	0.00 0.00 D

1 7 JUL 2017, 6:02 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.20 68 82>-< 0.87 244 7>-< 0.44 154 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	57.1	137	62	P		43.77	10.84	10.52	0.00	0.32	1.20	0.328					
FNA	AC	HHE	57.1	137	62	S		50.98	18.05	18.41	0.00	-0.36	1.20S	0.590					
KBN	AC	HHZ	61.1	192	62	P		44.27	11.34	11.20	0.00	0.14	1.20	0.223					
KBN	AC	HHN	61.1	192	62	S		51.72	18.79	19.60	0.00	-0.81*	0.55S	0.056					
KBN	AC	HHE	61.1	192	62		6	0.00	-32.93	11.20	0.00		0.00	0.000	1.00		0.97	.46	2.30 L
PHP	AC	HHZ	70.8	326	62	P		45.31	12.38	12.87	0.00	-0.49	1.18	0.249					
PHP	AC	HHN	70.8	326	62	S		55.46	22.53	22.52	0.00	0.01	1.20S	0.318					
TIR	AC	HHZ	91.4	284	62	P		48.88	15.95	16.41	0.00	-0.46	1.19	0.255					
TIR	AC	HHN	91.4	284	62	S		61.67	28.74	28.72	0.00	0.02	1.20S	0.334					
TIR	AC	HHE	91.4	284	62		6	60.00	27.07	16.41	0.00		0.00	0.000	1.00		0.53	.75	2.36 L
LSK	AC	HHZ	115.9	195	62	P		52.65	19.72	20.62	0.00	-0.90*	0.33	0.016					
LSK	AC	HHN	115.9	195	62	S		67.91	34.98	36.08	0.00	-1.11*	0.04S	0.000					
BCI	AC	HHZ	151.6	333	55	P		60.33	27.40	26.67	0.00	0.73*	0.74	0.080					
BCI	AC	HHE	151.6	333	55	S		79.77	46.84	46.67	0.00	0.17	1.20S	0.510					
BCI	AC	HHN	151.6	333	55		6	60.00	27.07	26.67	0.00		0.00	0.000	1.00		0.46	.66	2.72 L
SRN	AC	HHZ	162.7	210	55	P		61.52	28.59	28.44	0.00	0.15	1.20	0.151					
SRN	AC	HHE	162.7	210	55	S		82.89	49.96	49.77	0.00	0.19	1.20S	0.384					
IGT	AC	HHZ	188.2	196	55	P		65.89	32.96	32.50	0.00	0.46	1.19	0.139					
IGT	AC	HHE	188.2	196	55	S		89.61	56.68	56.88	0.00	-0.19	1.20S	0.357					

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-07 0813 42.31 38 26.77 20E22.70 28.92 0.91 5.79 3.36 3.35 4.67 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  
 20 29 45.2 At1 287 10 0 16 8 18 3.00 0.09 L 3.00 0.05 D

1 7 JUL 2017, 8:13 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 6.70 137 30>-< 3.88 39 13>-< 2.69 288 56>

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
LKD2	AC	HHZ		45.2	32	116	P		50.95	8.64	9.24	0.00	-0.60*	1.06		0.398	1.00	80	4.31 D
LKD2	AC	HHE		45.2	32	116	S		56.82	14.51	16.17	0.00	-1.66*	0.82S		0.516			
IGT	AC	HHZ		120.6	359	76	P		63.75	21.44	20.86	0.00	0.58*	1.06		0.112	1.00	117	4.67 D
IGT	AC	HHE		120.6	359	76	S		80.20	37.89	36.50	0.00	1.39*	0.98S		0.419			
SRN	AC	HHZ		162.5	349	62	P		69.52	27.21	27.28	0.00	-0.07	1.06		0.108	1.00	123	4.72 D
SRN	AC	HHN		162.5	349	62	S		95.14	52.83	47.74	0.00	5.09*	0.00S		0.000			
SRN	AC	HHE		162.5	349	62		6	60.00	17.69	27.28	0.00		0.00		0.000	1.00		1.3 .86 3.26 L
LSK	AC	HHZ		190.1	5	56	P		74.91	32.60	31.19	0.00	1.41*	0.97		0.127			
LSK	AC	HHE		190.1	5	56	S		97.24	54.93	54.58	0.00	0.35	1.06S		0.209			
LSK	AC	HHN		190.1	5	56		6	60.00	17.69	31.19	0.00		0.00		0.000	1.00		4.2 .68 3.93 L
KBN	AC	HHZ		244.3	8	56	P		86.54	44.23	38.36	0.00	5.87*	0.00		0.000			
KBN	AC	HHE		244.3	8	56	S		109.95	67.64	67.13	0.00	0.51*	1.06S		0.236			
SCTE	AC	HHZ		244.9	319	56	P		80.67	38.36	38.43	0.00	-0.07	1.06		0.307			
SCTE	AC	HHN		244.9	319	56	S		108.33	66.02	67.25	0.00	-1.23*	1.03S		0.509			
FNA	AC	HHZ		273.3	18	56	P		85.43	43.12	42.19	0.00	0.93*	1.06		0.262			
FNA	AC	HHE		273.3	18	56	S		114.55	72.24	73.83	0.00	-1.59*	0.86S		0.262			
TIR	AC	HHZ		325.1	353	56	P		91.50	49.19	49.05	0.00	0.14	1.06		0.122			
TIR	AC	HHN		325.1	353	56		6	120.00	77.69	49.05	0.00		0.00		0.000	1.00		0.28 .47 3.35 L
							S		127.97	85.66	85.84	0.00	-0.18	1.06S		0.184			
BCI	AC	HHZ		436.1	357	56	P		105.48	63.17	63.73	0.00	-0.56*	1.06		0.125			
BCI	AC	HHN		436.1	357	56	S		152.11	109.80	111.53	0.00	-1.73*	0.77S		0.096			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-07 1013 35.34 41 11.96 20E54.21 1.66 0.13 0.51 0.99 2.71 2.97 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  
 21 29 61.5 At1 165 8 0 14 6 17 6.00 0.25 L 3.00 0.08 D

1 7 JUL 2017, 10:13 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.02 71 75>-< 0.52 245 14>-< 0.26 336 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		61.5	138	51	P		46.96	11.62	11.60	0.00	0.02	1.09		0.280	1.00	25		2.89	D	
FNA	AC	HHN		61.5	138	51	S		55.54	20.20	20.30	0.00	-0.10	1.09S		0.683						
KBN	AC	HHZ		64.7	189	51	P		47.26	11.92	12.15	0.00	-0.23	1.05		0.176	1.00	27		2.97	D	
KBN	AC	HHN		64.7	189	51	S		55.89	20.55	21.26	0.00	-0.71*	0.00S		0.000						
KBN	AC	HHE		64.7	189	51		6	0.00	-35.34	12.15	0.00		0.00		0.000	1.00			2.3	.60	2.74 L
PHP	AC	HHZ		66.3	325	51	P		47.92	12.58	12.43	0.00	0.15	1.09		0.230	1.00	38		3.30	D	
PHP	AC	HHN		66.3	325	51		6	0.00	-35.34	12.43	0.00		0.00		0.000	1.00			0.79	.20	2.29 L
							S		57.13	21.79	21.75	0.00	0.04	1.09S		0.337						
TIR	AC	HHZ		88.6	282	51	P		51.04	15.70	16.25	0.00	-0.55*	0.00		0.000						
TIR	AC	HHE		88.6	282	51	S		63.63	28.29	28.44	0.00	-0.15	1.09S		0.388						
TIR	AC	HHN		88.6	282	51		6	60.00	24.66	16.25	0.00		0.00		0.000	1.00			0.60	.18	2.39 L
LSK	AC	HHZ		119.4	193	51	P		56.78	21.44	21.54	0.00	-0.10	1.09		0.195						
LSK	AC	HHN		119.4	193	51		6	60.00	24.66	21.54	0.00		0.00		0.000	1.00			1.5	.43	3.02 L
							S		73.87	38.53	37.69	0.00	0.83*	0.00S		0.000						
BCI	AC	HHZ		147.1	333	51	P		61.50	26.16	26.31	0.00	-0.15	1.09		0.243						
BCI	AC	HHE		147.1	333	51	S		81.42	46.08	46.04	0.00	0.04	1.09S		0.395						
BCI	AC	HHN		147.1	333	51		6	60.00	24.66	26.31	0.00		0.00		0.000	1.00			0.75	.54	2.90 L
SRN	AC	HHZ		165.3	208	46	P		64.68	29.34	29.25	0.00	0.09	1.09		0.166						
SRN	AC	HHE		165.3	208	46	S		86.50	51.16	51.19	0.00	-0.03	1.09S		0.363						
SRN	AC	HHN		165.3	208	46		6	60.00	24.66	29.25	0.00		0.00		0.000	1.00			0.34	.60	2.68 L
IGT	AC	HHZ		191.5	195	46	P		68.94	33.60	33.43	0.00	0.17	1.09		0.147						
IGT	AC	HHE		191.5	195	46	S		93.94	58.60	58.50	0.00	0.10	1.09S		0.334						
LKD2	AC	HHZ		268.5	185	37	P		80.12	44.78	44.47	0.00	0.31	0.84		0.056						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-07 1424 34.57 41 10.79 20E55.38 2.02 0.38 0.08 0.17 2.81 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  
 14 21 58.8 At1 166 10 0 13 7 14 # 0.00 0.00 L 3.00 0.08 D

1 7 JUL 2017, 14:24 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.29 72 71>-< 1.14 249 18>-< 0.54 159 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		58.8	138	51	P		46.18	11.61	11.36	0.00	0.25	1.13		0.417	1.00	17		2.52	D	

FNA	AC	HHN	58.8	138	51	S	53.74	19.17	19.88	0.00	-0.71*	0.72S	0.442					
KBN	AC	HHZ	62.8	191	51	P	46.35	11.78	12.05	0.00	-0.27	1.13	0.205	1.00	25	2.89	D	
KBN	AC	HHN	62.8	191	51	S	55.65	21.08	21.09	0.00	-0.01	1.13S	0.265					
PHP	AC	HHZ	69.0	325	51	P	47.55	12.98	13.12	0.00	-0.14	1.13	0.275	1.00	23	2.81	D	
PHP	AC	HHN	69.0	325	51	S	57.17	22.60	22.96	0.00	-0.36	1.13S	0.418					
TIR	AC	HHZ	90.6	283	51	P	50.87	16.30	16.82	0.00	-0.52*	1.08	0.271					
TIR	AC	HHN	90.6	283	51	S	63.54	28.97	29.43	0.00	-0.47	1.12S	0.389					
LSK	AC	HHZ	117.6	194	51	P	55.77	21.20	21.47	0.00	-0.27	1.13	0.208					
LSK	AC	HHE	117.6	194	51	S	72.62	38.05	37.57	0.00	0.48	1.11S	0.257					
BCI	AC	HHZ	149.8	332	51	P	62.65	28.08	26.99	0.00	1.09*	0.03	0.000					
BCI	AC	HHN	149.8	332	51	S	82.41	47.84	47.23	0.00	0.61*	0.95S	0.352					
SRN	AC	HHZ	164.1	209	46	P	64.35	29.78	29.32	0.00	0.46	1.12	0.165					
SRN	AC	HHE	164.1	209	46	S	86.11	51.54	51.31	0.00	0.23	1.13S	0.329					

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	07	1717	54.47	41 10.99	20E54.42	3.35	0.29	0.95	0.84	2.68	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	
14	21	60.0	At1	171	8	0	12	6	14		0.00	0.00	L	3.00	0.04	D

1 7 JUL 2017, 17:18 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.87 50 80>-< 0.96 243 9>-< 0.50 152 2>

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		60.0	137	51	P		65.85	11.38	11.38	0.00	0.00	1.06		0.361				
FNA	AC	HHN		60.0	137	51	S		74.35	19.88	19.92	0.00	-0.04	1.06S		0.703				
KBN	AC	HHZ		62.9	190	51	P		66.31	11.84	11.89	0.00	-0.05	1.06		0.213	1.00	20	2.68	D
KBN	AC	HHE		62.9	190	51	S		74.75	20.28	20.81	0.00	-0.53*	0.93S		0.241				
PHP	AC	HHZ		68.0	326	51	P		66.99	12.52	12.75	0.00	-0.23	1.06		0.320	1.00	18	2.57	D
PHP	AC	HHN		68.0	326	51	S		77.02	22.55	22.31	0.00	0.24	1.06S		0.667				
TIR	AC	HHZ		89.2	283	51	P		70.81	16.34	16.40	0.00	-0.06	1.06		0.268	1.00	21	2.72	D
TIR	AC	HHN		89.2	283	51	S		82.54	28.07	28.70	0.00	-0.63*	0.74S		0.259				
LSK	AC	HHZ		117.7	193	51	P		75.91	21.44	21.29	0.00	0.15	1.06		0.216				
LSK	AC	HHN		117.7	193	51	S		91.72	37.25	37.26	0.00	-0.01	1.06S		0.329				
BCI	AC	HHZ		148.8	333	51	P		82.98	28.51	26.65	0.00	0.86*	0.00		0.000				
BCI	AC	HHE		148.8	333	51	S		103.04	48.57	46.64	0.00	0.93*	0.00S		0.000				
SRN	AC	HHZ		163.8	209	46	P		83.90	29.43	29.06	0.00	0.37	1.06		0.173				
SRN	AC	HHE		163.8	209	46	S		105.94	51.47	50.85	0.00	0.61*	0.78S		0.245				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-07 1938 38.81 41 10.72 20E55.64 2.11 0.42 0.93 0.20 3.03 3.1

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 16 24 58.5 At1 166 6 0 15 8 16 # 0.00 0.00 L 5.00 0.24 D

1 7 JUL 2017, 19:38 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.27 58 76>-< 0.96 242 13>-< 0.57 152 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		58.5	138	51	P		50.31	11.50	11.29	0.00	0.21	1.14		0.296	1.00	20	2.68 D
FNA	AC	HHN		58.5	138	51	S		58.90	20.09	19.76	0.00	0.33	1.14S		0.639			
KBN	AC	HHZ		62.8	191	51	P		50.65	11.84	12.03	0.00	-0.19	1.14		0.204	1.00	37	3.27 D
KBN	AC	HHN		62.8	191	51	S		59.56	20.75	21.05	0.00	-0.30	1.14S		0.214			
PHP	AC	HHZ		69.4	325	51	P		51.42	12.61	13.16	0.00	-0.55*	1.11		0.248	1.00	29	3.03 D
PHP	AC	HHN		69.4	325	51	S		62.04	23.23	23.03	0.00	0.20	1.14S		0.499			
TIR	AC	HHZ		91.0	283	51	P		55.16	16.35	16.88	0.00	-0.53*	1.12		0.223	1.00	27	2.96 D
TIR	AC	HHN		91.0	283	51	S		67.99	29.18	29.54	0.00	-0.36	1.14S		0.293			
LSK	AC	HHZ		117.6	194	51	P		59.75	20.94	21.45	0.00	-0.51*	1.13		0.203	1.00	53	3.61 D
LSK	AC	HHN		117.6	194	51	S		75.90	37.09	37.54	0.00	-0.45	1.14S		0.214			
BPA1	AC	HHZ		118.4	246	51	P		61.76	22.95	21.59	0.00	0.36*	0.00		0.000			
BPA1	AC	HHE		118.4	246	51	S		76.78	37.97	37.78	0.00	0.19	1.14S		0.298			
BCI	AC	HHZ		150.1	332	51	P		65.05	26.24	27.03	0.00	-0.79*	0.73		0.115			
BCI	AC	HHN		150.1	332	51	S		86.98	48.17	47.30	0.00	0.87*	0.56S		0.138			
SRN	AC	HHZ		164.2	209	46	P		68.59	29.78	29.31	0.00	0.47	1.14		0.156			
SRN	AC	HHE		164.2	209	46	S		90.52	51.71	51.29	0.00	0.42	1.14S		0.253			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-07 2105 9.48 41 9.68 20E54.57 2.80 0.25 0.79 0.53 2.80 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  
 14 21 58.1 At1 163 11 0 13 6 14 0.00 0.00 L 5.00 0.08 D

1 7 JUL 2017, 21:05 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.54 93 85>-< 0.79 243 4>-< 0.38 334 2>

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		58.1	136	51	P		20.56	11.08	10.99	0.00	0.09	1.12		0.354	1.00	15	2.40 D
FNA	AC	HHN		58.1	136	51	S		28.55	19.07	19.23	0.00	-0.16	1.12S		0.635			

KBN	AC	HHZ	60.6	190	51	P	21.00	11.52	11.42	0.00	0.10	1.12	0.220	1.00	26	2.93	D
KBN	AC	HHN	60.6	190	51	S	29.66	20.18	19.99	0.00	0.19	1.12S	0.360				
PHP	AC	HHZ	70.1	327	51	P	21.71	12.23	13.06	0.00	-0.83*	0.12	0.003	1.00	23	2.81	D
PHP	AC	HHN	70.1	327	51	S	31.88	22.40	22.85	0.00	-0.45	1.02S	0.303				
TIR	AC	HHZ	90.0	284	51	P	25.61	16.13	16.47	0.00	-0.34	1.11	0.290	1.00	25	2.89	D
TIR	AC	HHN	90.0	284	51	S	38.41	28.93	28.82	0.00	0.11	1.12S	0.417				
LSK	AC	HHZ	115.4	194	51	P	30.26	20.78	20.83	0.00	-0.05	1.12	0.224	1.00	33	3.16	D
LSK	AC	HHN	115.4	194	51	S	45.70	36.22	36.45	0.00	-0.23	1.12S	0.376				
BCI	AC	HHZ	151.1	333	46	P	36.54	27.06	26.96	0.00	0.10	1.12	0.281				
BCI	AC	HHN	151.1	333	46	S	57.02	47.54	47.18	0.00	0.36	1.11S	0.456				
SRN	AC	HHZ	161.8	209	46	P	38.74	29.26	28.67	0.00	0.59*	0.72	0.076				
SRN	AC	HHE	161.8	209	46	S	61.04	51.56	50.17	0.00	0.39*	0.00S	0.000				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017-07-07			2117	10.74	42 19.11	20E 7.36	7.00	0.71	0.44	0.88	2.96	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	
10	15	7.0	At1	187	6	0	10	5	10	#	0.00	0.00	L	3.00	0.20	D

1 7 JUL 2017, 21:17 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 6.53 359 64>-< 3.51 245 11>-< 0.94 150 22>

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
BCI	AC	HHZ		7.0	320	90	P	12.06	1.32	1.54	0.00	-0.22	1.09	0.403	1.00	17	2.50	D	
BCI	AC	HHE		7.0	320	90	S	13.65	2.91	2.69	0.00	0.21	1.09S	0.729					
PHP	AC	HHZ		75.2	159	51	P	24.06	13.32	14.18	0.00	-0.86*	1.08	0.324	1.00	33	3.16	D	
PHP	AC	HHN		75.2	159	51	S	36.36	25.62	24.81	0.00	0.81*	1.09S	0.219					
TIR	AC	HHZ		109.9	192	51	P	29.92	19.18	20.15	0.00	-0.97*	1.02	0.316	1.00	27	2.96	D	
TIR	AC	HHE		109.9	192	51	S	45.60	34.86	35.26	0.00	-0.40	1.09S	0.738					
FNA	AC	HHZ		200.5	147	46	P	45.47	34.73	35.12	0.00	-0.39	1.09	0.296					
FNA	AC	HHE		200.5	147	46	S	71.43	60.69	61.46	0.00	-0.77*	1.09S	0.507					
LSK	AC	HHZ		244.1	170	37	P	53.63	42.89	41.55	0.00	0.34*	0.57	0.035					
LSK	AC	HHE		244.1	170	37	S	84.66	73.92	72.71	0.00	0.21*	0.76S	0.428					

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017-07-07			2204	10.55	41 11.85	20E57.62	3.01	0.49	0.99	0.45	3.65	3.7

													SOURCE			
NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
20	30	58.3	At1	171	7	0	19	10	20	#	0.00	0.00	L	7.00	0.16	D

1 7 JUL 2017, 22:04 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.52 60 76>-< 1.02 244 13>-< 0.71 154 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		58.3	142	51	P	22.41	11.86	11.28	0.00	0.58*	1.05		0.256				
FNA	AC	HHN		58.3	142	51	S	30.47	19.92	19.74	0.00	0.18	1.06S		0.594				
KBN	AC	HHZ		65.4	193	51	P	22.75	12.20	12.49	0.00	-0.29	1.06		0.155	1.00	63	3.78	D
KBN	AC	HHN		65.4	193	51	S	31.57	21.02	21.86	0.00	-0.84*	0.78S		0.111				
PHP	AC	HHZ		69.4	322	51	P	23.52	12.97	13.18	0.00	-0.21	1.06		0.200	1.00	55	3.65	D
PHP	AC	HHN		69.4	322	51	S	32.69	22.14	23.06	0.00	-0.92*	0.62S		0.142				
TIR	AC	HHZ		93.3	281	51	P	27.10	16.55	17.29	0.00	-0.74*	0.93		0.119	1.00	44	3.44	D
TIR	AC	HHE		93.3	281	51	S	40.83	30.28	30.26	0.00	0.02	1.06S		0.218				
LSK	AC	HHZ		120.3	195	51	P	32.17	21.62	21.93	0.00	-0.31	1.06		0.154	1.00	69	3.87	D
LSK	AC	HHN		120.3	195	51	S	48.16	37.61	38.38	0.00	-0.77*	0.89S		0.141				
BPA1	AC	HHZ		121.8	245	51	P	33.36	22.81	22.19	0.00	0.62*	1.04		0.149				
BPA1	AC	HHE		121.8	245	51	S	48.90	38.35	38.83	0.00	-0.48	1.06S		0.189				
BPA2	AC	HHZ		124.3	246	51	P	32.84	22.29	22.62	0.00	-0.33	1.06		0.155				
BPA2	AC	HHE		124.3	246	51	S	50.68	40.13	39.58	0.00	0.55*	1.06S		0.189				
VLO	AC	HHZ		147.7	238	51	P	38.77	28.22	26.64	0.00	1.58*	0.00		0.000	1.00	41	3.37	D
VLO	AC	HHN		147.7	238	51	S	57.81	47.26	46.62	0.00	0.64*	1.03S		0.175				
BCI	AC	HHZ		149.6	331	51	P	37.06	26.51	26.96	0.00	-0.45	1.06		0.224	1.00	65	3.81	D
BCI	AC	HHE		149.6	331	51	S	58.31	47.76	47.18	0.00	0.58*	1.05S		0.498				
SRN	AC	HHZ		167.4	210	46	P	40.24	29.69	29.84	0.00	-0.15	1.06		0.109	1.00	49	3.54	D
SRN	AC	HHE		167.4	210	46	S	62.46	51.91	52.22	0.00	-0.31	1.06S		0.214				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-07 2254 31.48 41 11.24 20E55.68 4.92 0.36 0.75 0.32 3.31 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  
 18 27 59.2 At1 167 10 0 16 9 18 0.00 0.00 L 6.00 0.14 D

1 7 JUL 2017, 22:54 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.33 87 84>-< 0.75 243 5>-< 0.44 333 2>

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		59.2	139	62	P	42.95	11.47	11.07	0.00	0.40	1.29		0.308	1.00	22	2.77	D
FNA	AC	HHN		59.2	139	62	S	50.72	19.24	19.37	0.00	-0.13	1.29S		0.575				
KBN	AC	HHZ		63.7	191	62	P	42.88	11.40	11.85	0.00	-0.45	1.29		0.201	1.00	33	3.16	D



KBN	AC	HHE	63.7	191	62	S	51.06	19.58	20.74	0.00	-0.16*	0.62S	0.057						
PHP	AC	HHZ	68.6	324	62	P	42.74	11.26	12.70	0.00	-0.44*	0.17	0.005	1.00	36	3.24	D		
PHP	AC	HHN	68.6	324	62	S	53.67	22.19	22.23	0.00	-0.04	1.29S	0.312						
TIR	AC	HHZ	90.8	282	62	P	47.72	16.24	16.51	0.00	-0.27	1.29	0.270	1.00	37	3.27	D		
TIR	AC	HHN	90.8	282	62	S	60.34	28.86	28.89	0.00	-0.03	1.29S	0.261						
LSK	AC	HHZ	118.5	194	62	P	52.34	20.86	21.27	0.00	-0.41	1.29	0.202	1.00	44	3.44	D		
LSK	AC	HHN	118.5	194	62	S	69.04	37.56	37.22	0.00	0.34	1.29S	0.244						
BPA1	AC	HHZ	118.9	245	62	P	54.36	22.88	21.33	0.00	0.55*	0.08	0.000						
BPA1	AC	HHN	118.9	245	62	S	68.97	37.49	37.33	0.00	0.16	1.29S	0.304						
VLO	AC	HHZ	144.8	238	62	P	58.97	27.49	25.79	0.00	0.70*	0.01	0.000	1.00	53	3.62	D		
VLO	AC	HHE	144.8	238	62	S	77.93	46.45	45.13	0.00	0.32*	0.35S	0.022						
BCI	AC	HHZ	149.3	332	55	P	58.57	27.09	26.54	0.00	0.55*	1.29	0.237						
BCI	AC	HHN	149.3	332	55	S	77.67	46.19	46.44	0.00	-0.26	1.29S	0.497						
SRN	AC	HHZ	165.1	209	55	P	60.87	29.39	29.06	0.00	0.33	1.29	0.123						
SRN	AC	HHE	165.1	209	55	S	82.29	50.81	50.85	0.00	-0.04	1.29S	0.373						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	07	2310	0.71	41 10.86	20E56.35	2.00	0.28	0.64	0.46	3.43	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	
20	30	58.0	At1	167	6	0	19	10	20	#	0.00	0.00	L	6.00	0.12	D

1 7 JUL 2017, 23:10 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.51 52 76>-< 0.66 236 13>-< 0.44 145 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		58.0	139	51	P		12.55	11.84	11.23	0.00	0.61*	0.76		0.144				
FNA	AC	HHE		58.0	139	51	S		20.08	19.37	19.65	0.00	-0.28	1.14S		0.647				
KBN	AC	HHZ		63.2	192	51	P		13.17	12.46	12.12	0.00	0.34	1.14		0.176	1.00	39	3.32	D
KBN	AC	HHN		63.2	192	51	S		21.71	21.00	21.21	0.00	-0.21	1.14S		0.204				
PHP	AC	HHZ		69.7	324	51	P		13.51	12.80	13.24	0.00	-0.44	1.10		0.271	1.00	31	3.10	D
PHP	AC	HHN		69.7	324	51	S		23.86	23.15	23.17	0.00	-0.02	1.14S		0.596				
TIR	AC	HHZ		91.9	282	51	P		17.47	16.76	17.05	0.00	-0.29	1.14		0.176	1.00	44	3.44	D
TIR	AC	HHE		91.9	282	51	S		30.40	29.69	29.84	0.00	-0.15	1.14S		0.243				
LSK	AC	HHZ		118.1	195	51	P		22.26	21.55	21.55	0.00	0.00	1.14		0.173	1.00	64	3.80	D
LSK	AC	HHN		118.1	195	51	S		37.86	37.15	37.71	0.00	-0.56*	0.91S		0.125				
BPA1	AC	HHZ		119.4	246	51	P		22.21	21.50	21.78	0.00	-0.28	1.14		0.162				
BPA1	AC	HHE		119.4	246	51	S		38.98	38.27	38.11	0.00	0.16	1.14S		0.189				
BPA2	AC	HHZ		121.9	247	51	P		22.55	21.84	22.21	0.00	-0.37	1.14		0.162				
BPA2	AC	HHE		121.9	247	51	S		39.54	38.83	38.87	0.00	-0.04	1.14S		0.189				
VLO	AC	HHZ		145.2	238	51	P		28.17	27.46	26.21	0.00	0.25*	0.00		0.000	1.00	43	3.41	D

VLO	AC	HHN	145.2	238	51	S	46.41	45.70	45.87	0.00	-0.17	1.14S	0.186						
BCI	AC	HHZ	150.3	332	51	P	26.95	26.24	27.09	0.00	-0.85*	0.17	0.007	1.00	50	3.56	D		
BCI	AC	HHE	150.3	332	51	S	48.97	48.26	47.41	0.00	0.85*	0.15S	0.011						
SRN	AC	HHZ	164.9	210	46	P	30.11	29.40	29.44	0.00	-0.04	1.14	0.120						
SRN	AC	HHE	164.9	210	46	S	52.57	51.86	51.52	0.00	0.34	1.14S	0.209						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	09	1044	29.55	41 11.03	20E55.99	2.96	0.21	0.68	0.32	2.75	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	
14	21	58.6	At1	167	8	0	12	6	14		0.00	0.00	L	3.00	0.00	D

1 9 JUL 2017, 10:44 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.33 75 83>-< 0.68 242 6>-< 0.31 333 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		58.6	139	51	P		40.91	11.36	11.06	0.00	0.30	1.18		0.369				
FNA	AC	HHE		58.6	139	51	S		48.78	19.23	19.35	0.00	-0.13	1.18S		0.654				
KBN	AC	HHZ		63.4	192	51	P		41.52	11.97	11.89	0.00	0.08	1.18		0.241	1.00	24	2.85	D
KBN	AC	HHN		63.4	192	51	S		50.43	20.88	20.81	0.00	0.07	1.18S		0.361				
PHP	AC	HHZ		69.2	324	51	P		41.96	12.41	12.88	0.00	-0.47	1.04		0.244	1.00	28	3.00	D
PHP	AC	HHN		69.2	324	51	S		51.97	22.42	22.54	0.00	-0.12	1.18S		0.365				
TIR	AC	HHZ		91.3	282	51	P		46.13	16.58	16.69	0.00	-0.11	1.18		0.295	1.00	24	2.85	D
TIR	AC	HHE		91.3	282	51	S		58.97	29.42	29.21	0.00	0.21	1.18S		0.419				
LSK	AC	HHZ		118.3	194	51	P		50.88	21.33	21.31	0.00	0.02	1.18		0.243				
LSK	AC	HHE		118.3	194	51	S		66.58	37.03	37.29	0.00	-0.26	1.18S		0.370				
BCI	AC	HHZ		149.8	332	51	P		57.09	27.54	26.73	0.00	0.81*	0.13		0.004				
BCI	AC	HHE		149.8	332	51	S		76.49	46.94	46.78	0.00	0.16	1.18S		0.430				
SRN	AC	HHZ		164.9	209	46	P		59.54	29.99	29.15	0.00	0.84*	0.08		0.000				
SRN	AC	HHE		164.9	209	46	S		81.77	52.22	51.01	0.00	0.21*	0.00S		0.000				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	07	08	1931	32.96	41 9.37	20E54.99	7.14	0.36	1.27	2.74	3.70	3.55	3.7

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
21	31	57.2	At1	163	18	0	19	8	21		3.00	0.07	L	4.00	0.03	D

1 8 JUL 2017, 19:31 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.75 89 84>-< 1.28 248 4>-< 0.72 337 2>

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		57.2	136	91	S		51.12	18.16	18.32	0.00	-0.16	1.16S		0.482			
FNA	AC	HHZ		57.2	136	91	P		43.59	10.63	10.47	0.00	0.16	1.16		0.282			
KBN	AC	HHZ		60.1	191	91	P		43.94	10.98	10.97	0.00	0.01	1.16		0.104	1.00	46	3.49 D
KBN	AC	HHN		60.1	191	91		6	0.00	-32.96	10.97	0.00		0.00		0.000	1.00		25 .41 3.70 L
							S		51.23	18.27	19.20	0.00	-0.23	1.12S		0.184			
PHP	AC	HHZ		70.9	327	91	P		45.42	12.46	12.83	0.00	-0.37	1.16		0.233	1.00	49	3.55 D
PHP	AC	HHN		70.9	327	91		6	0.00	-32.96	12.83	0.00		0.00		0.000	1.00		15 .54 3.63 L
							S		53.64	20.68	22.45	0.00	-0.17	0.18S		0.008			
TIR	AC	HHZ		90.7	284	90	P		48.69	15.73	16.21	0.00	-0.48	1.16		0.157	1.00	74	3.94 D
TIR	AC	HHN		90.7	284	90	S		61.47	28.51	28.37	0.00	0.14	1.16S		0.358			
LSK	AC	HHZ		114.9	194	90	P		53.72	20.76	20.38	0.00	0.38	1.16		0.096			
LSK	AC	HHN		114.9	194	90	S		68.32	35.36	35.66	0.00	-0.30	1.16S		0.194			
BPA1	AC	HHZ		116.5	247	90	P		54.58	21.62	20.65	0.00	0.47	1.09		0.117			
BPA1	AC	HHN		116.5	247	90	S		71.87	38.91	36.14	0.00	0.27	0.00S		0.000			
BPA2	AC	HHZ		119.1	248	90	P		53.90	20.94	21.09	0.00	-0.15	1.16		0.133			
BPA2	AC	HHN		119.1	248	90	S		72.05	39.09	36.91	0.00	2.18	0.00S		0.000			
VLO	AC	HHZ		142.1	238	68	P		59.30	26.34	24.99	0.00	1.35	0.70		0.039			
BCI	AC	HHZ		151.9	333	68	P		60.29	27.33	26.54	0.00	0.49	1.16		0.243	1.00	49	3.55 D
BCI	AC	HHN		151.9	333	68		6	60.00	27.04	26.54	0.00		0.00		0.000	1.00		9.0 .51 4.02 L
							S		78.53	45.57	46.44	0.00	-0.48	1.14S		0.492			
SRN	AC	HHZ		161.6	210	68	P		61.25	28.29	28.09	0.00	0.20	1.16		0.105			
SRN	AC	HHN		161.6	210	68	S		81.78	48.82	49.16	0.00	-0.34	1.16S		0.366			
IGT	AC	HHE		187.2	196	68	S		89.26	56.30	56.30	0.00	0.00	1.16S		0.361			
IGT	AC	HHZ		187.2	196	68	P		66.51	33.55	32.17	0.00	0.38	0.66		0.037			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	07	08	2052	54.99	41 13.50	21E 7.18	5.56	0.33	2.61	6.87	3.76	4.19	3.8

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
	20	30	54.0	At1	189	16	0	18	9	20	4.00	0.11 L	4.00 0.05 D

1 8 JUL 2017, 20:53 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 7.09 79 75>-< 2.70 257 14>-< 1.44 167 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		54.0	155	62	S		76.26	21.27	17.41	0.00	0.06	0.06S		0.001			
FNA	AC	HHZ		54.0	155	62	P		64.22	9.23	9.95	0.00	-0.22	1.23		0.417			



SRN	AC	HHE	60.8	187	51	S	76.61	20.68	20.48	0.00	0.20	1.10S	0.519							
SRN	AC	HHZ	60.8	187	51	P	67.44	11.51	11.70	0.00	-0.19	1.10	0.227							
KBN	AC	HHE	63.7	69	51	S	77.74	21.81	21.35	0.00	0.46	1.09S	0.261							
KBN	AC	HHZ	63.7	69	51	P	68.54	12.61	12.20	0.00	0.41	1.10	0.169							
TIR	AC	HHE	104.2	350	51	S	60.00	4.07	19.17	0.00		0.00	0.000	1.00			1.2	.83	2.80	L
						S	89.58	33.65	33.55	0.00	0.10	1.10S	0.212							
TIR	AC	HHZ	104.2	350	51	P	75.61	19.68	19.17	0.00	0.51*	1.07	0.139							
FNA	AC	HHN	117.0	69	51	S	93.06	37.13	37.40	0.00	-0.27	1.10S	0.264							
FNA	AC	HHZ	117.0	69	51	P	77.21	21.28	21.37	0.00	-0.09	1.10	0.169							
SCTE	AC	HHN	142.7	255	51	S	99.37	43.44	45.10	0.00	-1.66*	0.00S	0.000							
SCTE	AC	HHZ	142.7	255	51	P	80.81	24.88	25.77	0.00	-0.89*	0.44	0.032							
PHP	AC	HHN	143.2	11	51	S	100.27	44.34	45.27	0.00	-0.93*	0.35S	0.022							
PHP	AC	HHZ	143.2	11	51	P	81.67	25.74	25.87	0.00	-0.13	1.10	0.155							
BCI	AC	HHN	215.8	0	46	S	121.17	65.24	65.71	0.00	-0.47	1.09S	0.248							
BCI	AC	HHZ	215.8	0	46	P	91.84	35.91	37.55	0.00	-1.64*	0.00	0.000							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	10	0012	4.98	41 10.32	20E55.01	2.79	0.27	0.66	0.55	3.12	3.1

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
16	24	58.5	At1	164	7	0	14	7	16		0.00	0.00	L 4.00 0.07 D

1 10 JUL 2017, 0:12 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.58 72 78>-< 0.67 248 11>-< 0.39 158 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		58.5	137	51	P		16.47	11.49	11.07	0.00	0.42	1.03		0.259			
FNA	AC	HHE		58.5	137	51	S		24.29	19.31	19.37	0.00	-0.06	1.11S		0.695			
KBN	AC	HHZ		61.9	191	51	P		16.36	11.38	11.64	0.00	-0.26	1.11		0.205	1.00	32	3.13 D
KBN	AC	HHE		61.9	191	51	S		24.40	19.42	20.37	0.00	-0.95*	0.00S		0.000			
PHP	AC	HHZ		69.5	326	51	P		17.66	12.68	12.95	0.00	-0.27	1.11		0.241	1.00	31	3.10 D
PHP	AC	HHN		69.5	326	51	S		28.02	23.04	22.66	0.00	0.38	1.08S		0.326			
TIR	AC	HHZ		90.3	283	51	P		20.66	15.68	16.53	0.00	-0.85*	0.03		0.000	1.00	28	3.00 D
TIR	AC	HHE		90.3	283	51	S		33.78	28.80	28.93	0.00	-0.13	1.11S		0.293			
LSK	AC	HHZ		116.7	194	51	P		25.76	20.78	21.06	0.00	-0.28	1.11		0.207	1.00	56	3.67 D
LSK	AC	HHE		116.7	194	51	S		41.53	36.55	36.85	0.00	-0.31	1.11S		0.255			
VLO	AC	HHZ		143.1	238	51	P		31.15	26.17	25.60	0.00	0.57*	0.65		0.088			
VLO	AC	HHN		143.1	238	51	S		49.93	44.95	44.80	0.00	0.15	1.11S		0.321			
BCI	AC	HHZ		150.3	333	51	P		31.83	26.85	26.84	0.00	0.01	1.11		0.251			
BCI	AC	HHE		150.3	333	51	S		51.67	46.69	46.97	0.00	-0.28	1.11S		0.393			
SRN	AC	HHZ		163.1	209	46	P		34.19	29.21	28.89	0.00	0.32	1.11		0.162			

SRN AC HHE 163.1 209 46 S 55.67 50.69 50.56 0.00 0.13 1.11S 0.298

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-07-10 0237 2.43 41 9.06 20E52.81 2.02 0.27 0.75 0.58 3.20 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  
14 21 59.0 At1 159 11 0 13 6 14 # 0.00 0.00 L 4.00 0.19 D

1 10 JUL 2017, 2:37 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 1.60 68 80>-< 0.76 243 9>-< 0.39 153 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		59.0	133	51	P		13.95	11.52	11.39	0.00	0.13	1.14		0.333			
FNA	AC	HHE		59.0	133	51	S		22.15	19.72	19.93	0.00	-0.21	1.14S		0.676			
KBN	AC	HHZ		59.1	188	51	P		13.86	11.43	11.41	0.00	0.02	1.14		0.250	1.00	27	2.96 D
KBN	AC	HHN		59.1	188	51	S		22.27	19.84	19.97	0.00	-0.13	1.14S		0.334			
PHP	AC	HHZ		69.7	329	51	P		14.85	12.42	13.24	0.00	-0.82*	0.53		0.060	1.00	30	3.07 D
PHP	AC	HHN		69.7	329	51	S		25.44	23.01	23.17	0.00	-0.16	1.14S		0.389			
TIR	AC	HHZ		87.9	285	51	P		18.22	15.79	16.35	0.00	-0.56*	1.04		0.245	1.00	39	3.32 D
TIR	AC	HHN		87.9	285	51	S		31.01	28.58	28.61	0.00	-0.03	1.14S		0.383			
LSK	AC	HHZ		113.7	193	51	P		23.30	20.87	20.79	0.00	0.08	1.14		0.258	1.00	45	3.46 D
LSK	AC	HHN		113.7	193	51	S		40.67	38.24	36.38	0.00	0.86*	0.00S		0.000			
BCI	AC	HHZ		151.0	334	51	P		29.72	27.29	27.20	0.00	0.09	1.14		0.289			
BCI	AC	HHN		151.0	334	51	S		50.60	48.17	47.60	0.00	0.57*	1.02S		0.343			
SRN	AC	HHZ		159.6	209	46	P		32.02	29.59	28.59	0.00	0.00*	0.15		0.003			
SRN	AC	HHE		159.6	209	46	S		52.51	50.08	50.03	0.00	0.05	1.14S		0.431			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-07-10 0239 19.80 41 11.05 20E56.25 2.87 0.36 0.86 0.96 3.32 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  
20 30 58.4 At1 167 8 0 17 8 20 0.00 0.00 L 5.00 0.16 D

1 10 JUL 2017, 2:39 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 2.01 49 76>-< 0.88 245 13>-< 0.56 154 3>

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
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FNA	AC	HHZ	58.4	139	51	P	31.63	11.83	11.06	0.00	0.77*	0.76	0.166						
FNA	AC	HHN	58.4	139	51	S	39.20	19.40	19.35	0.00	0.05	1.05S	0.647						
KBN	AC	HHZ	63.5	192	51	P	31.55	11.75	11.94	0.00	-0.19	1.05	0.174	1.00	38	3.30	D		
KBN	AC	HHN	63.5	192	51	S	40.27	20.47	20.89	0.00	-0.42	1.05S	0.208						
PHP	AC	HHZ	69.4	324	51	P	32.63	12.83	12.95	0.00	-0.12	1.05	0.218	1.00	33	3.16	D		
PHP	AC	HHN	69.4	324	51	S	42.70	22.90	22.66	0.00	0.24	1.05S	0.537						
TIR	AC	HHZ	91.7	282	51	P	36.17	16.37	16.79	0.00	-0.42	1.05	0.153	1.00	39	3.32	D		
TIR	AC	HHN	91.7	282	51	S	48.88	29.08	29.38	0.00	-0.30	1.05S	0.279						
LSK	AC	HHZ	118.4	195	51	P	41.06	21.26	21.37	0.00	-0.11	1.05	0.172	1.00	56	3.67	D		
LSK	AC	HHE	118.4	195	51	S	56.49	36.69	37.40	0.00	-0.71*	0.85S	0.134						
BPA1	AC	HHZ	119.4	246	51	P	41.54	21.74	21.55	0.00	0.19	1.05	0.162						
BPA1	AC	HHN	119.4	246	51	S	58.19	38.39	37.71	0.00	0.68*	0.90S	0.178						
BPA2	AC	HHZ	121.9	247	51	P	41.85	22.05	21.98	0.00	0.07	1.05	0.162						
BPA2	AC	HHN	121.9	247	51	S	59.96	40.16	38.47	0.00	0.69*	0.00S	0.000						
VLO	AC	HHZ	145.3	238	51	P	47.53	27.73	26.00	0.00	0.73*	0.00	0.000	1.00	46	3.48	D		
VLO	AC	HHN	145.3	238	51	S	65.44	45.64	45.50	0.00	0.14	1.05S	0.234						
BCI	AC	HHZ	149.9	332	51	P	46.33	26.53	26.79	0.00	-0.26	1.05	0.247						
BCI	AC	HHN	149.9	332	51	S	68.35	48.55	46.88	0.00	0.67*	0.00S	0.000						
SRN	AC	HHZ	165.1	210	46	P	49.70	29.90	29.23	0.00	0.67*	0.91	0.090						
SRN	AC	HHE	165.1	210	46	S	71.07	51.27	51.15	0.00	0.12	1.05S	0.231						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-07-10 0739 7.76 42 14.51 20E 8.35 0.00 5.84 99.00 93.48

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
4 6 15.1 At1 180 6 0 4 2 4 - 0.00 0.00 L 0.00 0.00 D

1 10 JUL 2017, 7:39 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 99.00 247 0>-< 99.00 337 70>-< 9.83 157 19>

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
BCI	AC	HHZ		15.1	337	90	P		3.83	-3.93	3.31	0.00	-7.24*	0.96		1.000			
BCI	AC	HHN		15.1	337	90	S		20.09	12.33	5.79	0.00	6.54*	1.00S		0.999			
PHP	AC	HHZ		66.8	157	51	P		16.27	8.51	12.73	0.00	-4.22*	1.02		1.000			
PHP	AC	HHN		66.8	157	51	S		35.15	27.39	22.28	0.00	5.11*	1.02S		0.999			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-07-10 2318 57.51 41 10.37 20E54.14 2.94 0.15 0.53 0.19 2.81 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  
 12 18 59.4 At1 163 11 0 10 5 12 0.00 0.00 L 5.00 0.09 D

1 10 JUL 2017, 23:18 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.21 51 80>-< 0.53 241 9>-< 0.28 150 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		59.4	136	51	P		68.68	11.17	11.24	0.00	-0.07	1.19		0.393	1.00	15	2.40 D
FNA	AC	HHE		59.4	136	51	S		77.11	19.60	19.67	0.00	-0.07	1.19S		0.668			
KBN	AC	HHZ		61.8	190	51	P		69.39	11.88	11.65	0.00	0.23	1.19		0.334	1.00	21	2.72 D
KBN	AC	HHN		61.8	190	51	S		77.83	20.32	20.39	0.00	-0.07	1.19S		0.364			
PHP	AC	HHZ		68.7	326	51	P		69.72	12.21	12.84	0.00	-0.63*	0.23		0.012	1.00	25	2.89 D
PHP	AC	HHN		68.7	326	51	S		79.26	21.75	22.47	0.00	-0.72*	0.05S		0.000			
TIR	AC	HHZ		89.1	283	51	P		73.57	16.06	16.34	0.00	-0.28	1.19		0.345	1.00	23	2.81 D
TIR	AC	HHE		89.1	283	51	S		86.09	28.58	28.60	0.00	-0.02	1.19S		0.488			
LSK	AC	HHZ		116.5	193	51	P		79.46	21.95	21.05	0.00	0.90*	0.00		0.000	1.00	36	3.24 D
LSK	AC	HHN		116.5	193	51	S		94.43	36.92	36.84	0.00	0.08	1.19S		0.377			
BCI	AC	HHZ		149.7	333	51	P		84.41	26.90	26.75	0.00	0.15	1.19		0.354			
BCI	AC	HHE		149.7	333	51	S		104.39	46.88	46.81	0.00	0.07	1.19S		0.660			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-12 0225 39.97 40 6.29 19E55.09 0.03 0.20 6.09 8.03 1.75 2.93 1.9

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 8 12 25.9 At1 247 8 0 7 3 8 # 2.00 0.09 L 2.00 0.17 D

1 12 JUL 2017, 2:25 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 10.08 279 52>-< 3.06 117 35>-< 1.14 21 8>

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
SRN	AC	HHZ		25.9	164	61	P		44.75	4.78	5.43	0.00	-0.05	1.15		0.397	1.00	22	2.76 D
SRN	AC	HHN		25.9	164	61		6	0.00	-39.97	5.43	0.00		0.00		0.000	1.00		0.56 .31 1.66 L
							S		48.97	9.00	9.50	0.00	-0.10	1.15S		0.746			
LSK	AC	HHZ		58.2	84	51	P		50.59	10.62	11.26	0.00	-0.24	1.15		0.492	1.00	31	3.10 D
LSK	AC	HHN		58.2	84	51		6	0.00	-39.97	11.26	0.00		0.00		0.000	1.00		0.37 .60 1.84 L
							S		58.89	18.92	19.70	0.00	-0.18	1.12S		0.823			
IGT	AC	HHZ		72.8	150	51	P		53.46	13.49	13.76	0.00	-0.27	1.15		0.242			
IGT	AC	HHN		72.8	150	51	S		65.88	25.91	24.08	0.00	0.23	0.01S		0.000			
KBN	AC	HHZ		93.6	51	51	P		58.06	18.09	17.35	0.00	0.14	1.13		0.462			



KBN AC HHN 93.6 51 51 S 70.81 30.84 30.36 0.00 0.48 1.15S 0.835

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-07-12 1701 36.32 41 10.66 20E55.58 5.89 0.28 0.86 2.33 2.37 2.90 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  
14 21 58.4 At1 166 21 0 13 7 14 # 5.00 0.15 L 3.00 0.00 D

1 12 JUL 2017, 17:01 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 2.34 67 83>-< 0.87 246 6>-< 0.41 156 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		58.4	138	62	P		47.31	10.99	10.68	0.00	0.31	1.08		0.369			
FNA	AC	HHN		58.4	138	62	S		54.65	18.33	18.69	0.00	-0.36	1.07S		0.575			
KBN	AC	HHZ		62.6	191	62	P		47.89	11.57	11.40	0.00	0.17	1.08		0.267	1.00	25	2.90 D
KBN	AC	HHN		62.6	191	62	S	6	0.00	-36.32	11.40	0.00		0.00		0.000	1.00		1.4 .47 2.48 L
									56.13	19.81	19.95	0.00	-0.14	1.08S		0.254			
PHP	AC	HHZ		69.4	325	62	P		48.32	12.00	12.56	0.00	-0.46	0.82		0.168	1.00	25	2.90 D
PHP	AC	HHN		69.4	325	62	S	6	0.00	-36.32	12.56	0.00		0.00		0.000	1.00		0.51 .21 2.15 L
									57.93	21.61	21.98	0.00	-0.37	1.07S		0.300			
TIR	AC	HHZ		90.9	283	62	P		52.62	16.30	16.26	0.00	0.04	1.08		0.312	1.00	28	3.01 D
TIR	AC	HHE		90.9	283	62	S	6	60.00	23.68	16.26	0.00		0.00		0.000	1.00		0.33 .36 2.15 L
									64.83	28.51	28.45	0.00	0.06	1.08S		0.372			
LSK	AC	HHZ		117.4	194	62	P		56.41	20.09	20.82	0.00	-0.73*	0.40		0.037			
LSK	AC	HHE		117.4	194	62	S	6	60.00	23.68	20.82	0.00		0.00		0.000	1.00		0.49 .68 2.52 L
									72.54	36.22	36.43	0.00	-0.21	1.08S		0.265			
BCI	AC	HHZ		150.1	332	55	P		63.11	26.79	26.35	0.00	0.44	1.02		0.196			
BCI	AC	HHN		150.1	332	55	S	6	60.00	23.68	26.35	0.00		0.00		0.000	1.00		0.21 .50 2.37 L
									82.29	45.97	46.11	0.00	-0.14	1.08S		0.515			
IGT	AC	HHZ		189.7	196	55	P		70.77	34.45	32.66	0.00	1.79*	0.00		0.000			
IGT	AC	HHE		189.7	196	55	S		93.36	57.04	57.15	0.00	-0.11	1.08S		0.363			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-07-12 2219 51.56 41 12.41 20E58.09 3.08 0.19 0.76 1.92 3.52 3.51 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 23 58.8 At1 182 8 0 12 6 15 3.00 0.08 L 4.00 0.05 D

1 12 JUL 2017, 22:19 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 1.93 39 83>-< 0.76 238 6>-< 0.40 148 2>

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		58.8	143	62	P		63.48	11.92	10.99	0.00	0.43	0.80		0.000			
FNA	AC	HHN		58.8	143	62	S		70.83	19.27	19.23	0.00	0.04	1.01S		0.709			
KBN	AC	HHZ		66.5	194	62	P		63.84	12.28	12.32	0.00	-0.04	1.01		0.228	1.00	54	3.64 D
KBN	AC	HHE		66.5	194	62	S		71.96	20.40	21.56	0.00	-0.16	1.00S		0.000			
KBN	AC	HHN		66.5	194	62		6	60.00	8.44	12.32	0.00		0.00		0.000	1.00		16 .54 3.60 L
PHP	AC	HHZ		69.0	321	62	P		64.69	13.13	12.74	0.00	0.39	0.94		0.298	1.00	43	3.42 D
PHP	AC	HHE		69.0	321	62		6	60.00	8.44	12.74	0.00		0.00		0.000	1.00		8.6 .46 3.37 L
							S		73.67	22.11	22.30	0.00	-0.18	1.01S		0.631			
TIR	AC	HHZ		93.7	280	62	P		68.50	16.94	17.00	0.00	-0.06	1.01		0.191	1.00	47	3.50 D
TIR	AC	HHN		93.7	280	62		6	60.00	8.44	17.00	0.00		0.00		0.000	1.00		7.4 .40 3.52 L
							S		81.18	29.62	29.75	0.00	-0.13	1.01S		0.330			
LSK	AC	HHZ		121.5	196	62	P		72.94	21.38	21.76	0.00	-0.38	0.96		0.202	1.00	48	3.52 D
LSK	AC	HHN		121.5	196	62	S		89.67	38.11	38.08	0.00	0.03	1.01S		0.269			
BPA1	AC	HHZ		122.8	245	62	P		73.72	22.16	21.99	0.00	0.17	1.01		0.192			
BPA1	AC	HHN		122.8	245	62	S		90.27	38.71	38.48	0.00	0.23	1.01S		0.356			
BPA2	AC	HHZ		125.3	246	62	P		73.83	22.27	22.42	0.00	-0.15	1.01		0.192			
IGT	AC	HHZ		193.8	197	55	P		86.11	34.55	33.62	0.00	0.93*	0.00		0.000			
IGT	AC	HHE		193.8	197	55	S		110.42	58.86	58.83	0.00	0.03	1.01S		0.396			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-07-12 2349 31.56 41 11.52 20E56.89 6.40 0.15 0.51 1.37 3.06 3.07 3.1

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T SOURCE  
18 25 58.5 At1 146 10 0 14 6 17 6.00 0.14 L 5.00 0.06 D L F X

1 12 JUL 2017, 23:49 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 1.39 21 81>-< 0.52 240 6>-< 0.31 150 5>

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		58.5	141	90	P		42.83	11.27	10.67	0.00	0.40	0.90		0.000			
FNA	AC	HHN		58.5	141	90	S		50.39	18.83	18.67	0.00	0.16	1.08S		0.505			
KBN	AC	HHZ		64.5	193	90	P		43.21	11.65	11.72	0.00	-0.07	1.08		0.167	1.00	27	2.97 D
KBN	AC	HHE		64.5	193	90		6	0.00-31.56	11.72	0.00			0.00		0.000	1.00		5.5 .47 3.11 L
							S		51.51	19.95	20.51	0.00	-0.46	0.00S		0.000			
PHP	AC	HHZ		69.2	323	90	P		44.23	12.67	12.52	0.00	0.15	1.08		0.243	1.00	31	3.10 D
PHP	AC	HHN		69.2	323	90		6	0.00-31.56	12.52	0.00			0.00		0.000	1.00		2.7 .18 2.88 L

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          S      53.50 21.94 21.91 0.00 0.03 1.08S      0.402
TIR  AC  HHZ      92.4 282  90  P      47.95 16.39 16.50 0.00 -0.11 1.08      0.145 1.00  28  3.01 D
TIR  AC  HHN      92.4 282  90      6      60.00 28.44 16.50 0.00      0.00      0.000 1.00      1.2 .34  2.72 L
          S      60.42 28.86 28.88 0.00 -0.02 1.08S      0.313
LSK  AC  HHZ     119.4 195  90  P      52.44 20.88 21.15 0.00 -0.27 0.98      0.137 1.00  46  3.48 D
LSK  AC  HHN     119.4 195  90      6      60.00 28.44 21.15 0.00      0.00      0.000 1.00      2.5 .51  3.25 L
          S      68.73 37.17 37.01 0.00 0.16 1.08S      0.378
BPA2 AC  HHZ     123.1 246  90  P      53.18 21.62 21.78 0.00 -0.16 1.08      0.148
VLO  AC  HHZ     146.5 238  68  P      57.56 26.00 25.74 0.00 0.26 1.00      0.120
VLO  AC  HHE     146.5 238  68      6      60.00 28.44 25.74 0.00      0.00      0.000 1.00      1.3 .51  3.15 L
SRN  AC  HHZ     166.3 210  68  P      60.62 29.06 28.90 0.00 0.16 1.08      0.120 1.00  30  3.07 D
SRN  AC  HHE     166.3 210  68      6      60.00 28.44 28.90 0.00      0.00      0.000 1.00      0.71 .95  3.00 L
          S      82.08 50.52 50.58 0.00 -0.05 1.08S      0.395
THE  AC  HHZ     180.8 109  68  P      62.58 31.02 31.20 0.00 -0.18 1.08      0.552
IGT  AC  HHZ     191.7 197  68  P      65.23 33.67 32.95 0.00 0.72* 0.00      0.000
IGT  AC  HHN     191.7 197  68  S      89.14 57.58 57.66 0.00 -0.08 1.08S      0.366

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YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH  RMS  ERH  ERZ  XMAG  FMAG  PMAG
2017-07-14 0407 44.35  41 10.26  20E52.49  9.50  0.11  0.80  1.06  2.48  3.12  2.5

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                              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 60.9 At1  167  10  0   9   4  11    -        2.00  0.09 L    4.00  0.10 D

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1 14 JUL 2017, 4:07 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>-< 14.07 54 88>-< 0.80 233 1>-< 0.38 143 0>

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REGION= Maqedoni (Macedonia)

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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      60.9 135  93  P      55.57 11.22 11.11 0.00 0.11 1.00      0.366
FNA  AC  HHN      60.9 135  93  S      63.54 19.19 19.44 0.00 -0.25 1.00S      0.741
KBN  AC  HHZ      61.2 187  93  P      55.57 11.22 11.17 0.00 0.05 1.00      0.172 1.00  28  3.01 D
KBN  AC  HHN      61.2 187  93      6      60.00 15.65 11.17 0.00      0.00      0.000 1.00      1.1 .50  2.39 L
          S      61.53 17.18 19.55 0.00 -0.37 0.00S      0.000
PHP  AC  HHZ      67.6 328  93  P      56.80 12.45 12.26 0.00 0.19 1.00      0.409 1.00  34  3.20 D
PHP  AC  HHN      67.6 328  93      6      60.00 15.65 12.26 0.00      0.00      0.000 1.00      1.4 .15  2.56 L
          S      65.76 21.41 21.45 0.00 -0.04 1.00S      0.571
TIR  AC  HHZ      86.9 284  92  P      59.61 15.26 15.57 0.00 -0.31 1.00      0.276 1.00  29  3.04 D
TIR  AC  HHN      86.9 284  92  S      71.58 27.23 27.25 0.00 -0.02 1.00S      0.581
LSK  AC  HHZ     115.8 192  91  P      65.15 20.80 20.54 0.00 0.26 1.00      0.384 1.00  41  3.38 D
LSK  AC  HHN     115.8 192  91  S      80.24 35.89 35.94 0.00 -0.06 1.00S      0.495
BCI  AC  HHZ     148.8 334  68  P      61.48 17.13 25.91 0.00 -0.48 0.00      0.000

```

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-14 0626 28.88 41 9.62 20E53.38 0.75 0.22 0.59 1.34 2.80 3.48 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  
 22 30 59.1 At1 161 7 0 14 6 17 6.00 0.26 L 2.00 0.00 D

1 14 JUL 2017, 6:26 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.38 58 75>-< 0.61 246 14>-< 0.34 156 2>

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		59.1	135	51	P		40.47	11.59	11.32	0.00	0.27	1.19		0.289			
FNA	AC	HHN		59.1	135	51	S		48.70	19.82	19.81	0.00	0.01	1.19S		0.704			
KBN	AC	HHZ		60.2	189	51	P		40.56	11.68	11.50	0.00	0.18	1.19		0.211	1.00	46	3.48 D
KBN	AC	HHN		60.2	189	51	S		48.77	19.89	20.13	0.00	-0.23	1.19S		0.235			
KBN	AC	HHE		60.2	189	51		6	0.00	-28.88	11.50	0.00		0.00		0.000	1.00		1.9 .40 2.57 L
PHP	AC	HHZ		69.3	328	51	P		41.71	12.83	13.06	0.00	-0.23	1.19		0.252	1.00	46	3.48 D
PHP	AC	HHN		69.3	328	51		6	0.00	-28.88	13.06	0.00		0.00		0.000	1.00		2.6 .23 2.86 L
									51.67	22.79	22.85	0.00	-0.07	1.19S		0.550			
TIR	AC	HHZ		88.4	284	51	P		44.56	15.68	16.34	0.00	-0.66*	0.51		0.050			
TIR	AC	HHN		88.4	284	51	S		57.79	28.91	28.60	0.00	0.31	1.19S		0.411			
TIR	AC	HHE		88.4	284	51		6	60.00	31.12	16.34	0.00		0.00		0.000	1.00		0.76 .36 2.49 L
LSK	AC	HHZ		114.9	193	51	P		49.62	20.74	20.90	0.00	-0.16	1.19		0.218			
LSK	AC	HHE		114.9	193	51	S		65.04	36.16	36.58	0.00	-0.41	1.14S		0.223			
LSK	AC	HHN		114.9	193	51		6	60.00	31.12	20.90	0.00		0.00		0.000	1.00		1.9 .56 3.08 L
BCI	AC	HHZ		150.4	334	51	P		55.74	26.86	27.00	0.00	-0.14	1.19		0.265			
BCI	AC	HHN		150.4	334	51	S		77.03	48.15	47.25	0.00	0.90*	0.02S		0.000			
BCI	AC	HHE		150.4	334	51		6	60.00	31.12	27.00	0.00		0.00		0.000	1.00		1.4 .69 3.20 L
SRN	AC	HHZ		160.9	209	46	P		57.70	28.82	28.69	0.00	0.13	1.19		0.177			
SRN	AC	HHE		160.9	209	46	S		79.23	50.35	50.21	0.00	0.14	1.19S		0.317			
SRN	AC	HHN		160.9	209	46		6	60.00	31.12	28.69	0.00		0.00		0.000	1.00		0.41 .50 2.73 L
IGT	AC	HHZ		187.0	195	46	P		62.71	33.83	32.85	0.00	0.98*	0.00		0.000			
IGT	AC	HHN		187.0	195	46	S		87.22	58.34	57.49	0.00	0.85*	0.06S		0.000			
LKD2	AC	HHZ		264.0	185	37	P		73.06	44.18	44.05	0.00	0.13	1.19		0.092			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-14 1039 9.06 38 10.36 22E 7.33 27.46 0.21 2.32 3.32 3.80 4.53 3.8

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 20 25 144.9 At1 285 9 0 15 4 17 3.00 0.19 L 3.00 0.10 D

1 14 JUL 2017, 10:39 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 4.05 181 54>-< 1.20 342 33>-< 0.95 77 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
LKD2	AC	HHZ		144.9	299	76	P		34.14	25.08	24.69	0.00	0.39	1.00		0.306	1.00	93		4.43	D	
LKD2	AC	HHN		144.9	299	76	S		52.11	43.05	43.21	0.00	-0.16	1.13S		0.773						
IGT	AC	HHZ		216.7	315	56	P		43.90	34.84	34.84	0.00	0.00	1.13		0.159	1.00	116		4.64	D	
IGT	AC	HHE		216.7	315	56	S		70.01	60.95	60.97	0.00	-0.02	1.13S		0.582						
LSK	AC	HHZ		256.0	330	56	P		49.90	40.84	40.03	0.00	0.81*	0.00		0.000						
LSK	AC	HHE		256.0	330	56	S		80.35	71.29	70.05	0.00	1.24*	0.00S		0.000						
LSK	AC	HHN		256.0	330	56		6	60.00	50.94	40.03	0.00		0.00		0.000	1.00			3.9	.95	4.23 L
SRN	AC	HHZ		264.0	317	56	P		50.00	40.94	41.09	0.00	-0.15	1.13		0.139						
SRN	AC	HHE		264.0	317	56		6	60.00	50.94	41.09	0.00		0.00		0.000	1.00			0.88	.80	3.61 L
THE	AC	HHZ		282.5	14	56	P		52.57	43.51	43.53	0.00	-0.02	1.13		0.347						
KBN	AC	HHZ		295.4	338	56	P		54.16	45.10	45.25	0.00	-0.15	1.13		0.105						
KBN	AC	HHN		295.4	338	56		6	60.00	50.94	45.25	0.00		0.00		0.000	1.00			1.0	.75	3.80 L
FNA	AC	HHZ		296.5	348	56	P		54.52	45.46	45.40	0.00	0.06	1.13		0.156	1.00	103		4.53	D	
FNA	AC	HHE		296.5	348	56	S		88.36	79.30	79.45	0.00	-0.15	1.13S		0.463						
VLO	AC	HHZ		341.0	320	56	P		60.06	51.00	51.28	0.00	-0.28	1.13		0.116						
SCTE	AC	HHZ		380.3	305	56	P		65.79	56.73	56.47	0.00	0.26	1.13		0.319						
TIR	AC	HHZ		402.1	332	56	P		68.20	59.14	59.36	0.00	-0.22	1.13		0.089						
PHP	AC	HHZ		415.6	341	56	P		70.28	61.22	61.14	0.00	0.08	1.13		0.117						
BCI	AC	HHZ		497.4	341	56	P		81.61	72.55	71.97	0.00	0.58*	0.40		0.014						
BCI	AC	HHN		497.4	341	56	S		135.40	126.34	125.95	0.00	0.39	0.99S		0.307						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-14 1044 9.47 42 0.16 21E13.11 1.28 0.17 1.77 2.80 2.99 3.22 3.0

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X SOURCE  
 11 15 73.6 At1 240 11 0 9 3 11 3.00 0.18 L 3.00 0.03 D

1 15 JUL 2017, 10:44 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 3.31 33 57>-< 1.02 243 28>-< 0.62 145 14>

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		73.6	242	51	P		22.84	13.37	13.73	0.00	-0.36	0.88		0.260	1.00	35		3.22	D	
PHP	AC	HHN		73.6	242	51		6	0.00	-9.47	13.73	0.00		0.00		0.000	1.00			3.2	.25	2.99 L
							S		32.54	23.07	24.03	0.00	-0.46	0.88S		0.000						

BCI	AC	HHZ	103.3	294	51	P	28.24	18.77	18.84	0.00	-0.07	1.02	0.880							
TIR	AC	HHZ	134.2	238	51	P	33.85	24.38	24.14	0.00	0.24	1.02	0.368	1.00	39	3.32	D			
TIR	AC	HHN	134.2	238	51		6	0.00	-9.47	24.14	0.00	0.00	0.000	1.00			0.69	.47	2.78	L
						S		51.81	42.34	42.24	0.00	0.09	1.02S	0.712						
FNA	AC	HHZ	136.3	174	51	P	33.96	24.49	24.50	0.00	-0.01	1.02	0.408							
FNA	AC	HHN	136.3	174	51	S	52.38	42.91	42.88	0.00	0.03	1.02S	0.471							
KBN	AC	HHZ	157.3	194	46	P	37.44	27.97	28.04	0.00	-0.07	1.02	0.224	1.00	34	3.19	D			
KBN	AC	HHN	157.3	194	46		6	0.00	-9.47	28.04	0.00	0.00	0.000	1.00			1.2	.43	3.17	L
						S		58.38	48.91	49.07	0.00	-0.16	1.02S	0.440						
LSK	AC	HHZ	212.2	195	46	P	47.35	37.88	36.80	0.00	1.08*	0.00	0.000							
IGT	AC	HHZ	284.5	196	37	P	56.38	46.91	46.66	0.00	0.25	1.02	0.234							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017-07-14			1658	14.44	41 10.20	20E54.38	2.87	0.14	0.64	1.53	3.00	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
14	21	58.9	At1	170	9	0	11	5	14		0.00	0.00	L 3.00 0.03 D

1 14 JUL 2017, 16:58 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.66 72 67>-< 0.59 246 22>-< 0.36 337 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		58.9	136	51	P		25.86	11.42	11.27	0.00	0.15	1.00		0.532				
FNA	AC	HHN		58.9	136	51	S		33.15	18.71	19.72	0.00	-0.01*	0.00S		0.000				
KBN	AC	HHZ		61.5	190	51	P		26.33	11.89	11.71	0.00	0.18	1.00		0.215	1.00	27	2.97	D
KBN	AC	HHN		61.5	190	51	S		34.86	20.42	20.49	0.00	-0.07	1.00S		0.401				
PHP	AC	HHZ		69.1	326	51	P		27.38	12.94	13.02	0.00	-0.08	1.00		0.316	1.00	28	3.00	D
PHP	AC	HHN		69.1	326	51	S		37.24	22.80	22.78	0.00	0.01	1.00S		0.704				
TIR	AC	HHZ		89.5	284	51	P		30.97	16.53	16.51	0.00	0.02	1.00		0.331	1.00	34	3.19	D
TIR	AC	HHN		89.5	284	51	S		43.30	28.86	28.89	0.00	-0.03	1.00S		0.341				
LSK	AC	HHZ		116.2	194	51	P		35.49	21.05	21.11	0.00	-0.06	1.00		0.220				
LSK	AC	HHN		116.2	194	51	S		52.79	38.35	36.94	0.00	0.41*	0.00S		0.000				
BPA1	AC	HHZ		116.4	246	51	P		34.25	19.81	21.14	0.00	-0.33*	0.00		0.000				
BPA1	AC	HHN		116.4	246	51	S		51.66	37.22	36.99	0.00	0.23	1.00S		0.382				
SRN	AC	HHZ		162.5	209	46	P		43.09	28.65	28.93	0.00	-0.28	1.00		0.170				
SRN	AC	HHE		162.5	209	46	S		64.97	50.53	50.63	0.00	-0.10	1.00S		0.384				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017-07-14			1659	29.63	41 10.06	20E57.79	2.71	0.34	0.99	0.19	3.02	3.0

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	55.6	At1	177	11	0	13	6	13		0.00	0.00	L	4.00	0.06	D

1 14 JUL 2017, 16:59 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.32 34 70>-< 1.04 237 17>-< 0.60 145 7>

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		55.6	140	51	P		41.24	11.61	10.71	0.00	0.90*	0.16		0.009				
FNA	AC	HHN		55.6	140	51	S		48.60	18.97	18.74	0.00	0.23	1.16S		0.861				
KBN	AC	HHZ		62.2	194	51	P		41.56	11.93	11.85	0.00	0.08	1.16		0.277	1.00	28	3.00	D
KBN	AC	HHN		62.2	194	51	S		50.12	20.49	20.74	0.00	-0.25	1.16S		0.254				
PHP	AC	HHZ		72.1	323	51	P		42.87	13.24	13.56	0.00	-0.32	1.16		0.507	1.00	29	3.03	D
TIR	AC	HHZ		94.2	283	51	P		46.45	16.82	17.35	0.00	-0.53*	1.05		0.203	1.00	26	2.93	D
TIR	AC	HHE		94.2	283	51	S		60.33	30.70	30.36	0.00	0.34	1.16S		0.611				
LSK	AC	HHZ		117.1	196	51	P		50.92	21.29	21.29	0.00	0.00	1.16		0.276	1.00	33	3.16	D
LSK	AC	HHN		117.1	196	51	S		66.88	37.25	37.26	0.00	-0.01	1.16S		0.257				
BPA1	AC	HHZ		120.6	247	51	P		51.80	22.17	21.89	0.00	0.28	1.16		0.243				
BPA1	AC	HHN		120.6	247	51	S		68.63	39.00	38.31	0.00	0.69*	0.66S		0.133				
SRN	AC	HHZ		164.6	211	46	P		59.60	29.97	29.29	0.00	0.68*	0.70		0.065				
SRN	AC	HHE		164.6	211	46	S		80.42	50.79	51.26	0.00	-0.47	1.13S		0.296				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	14	2139	5.10	41 9.93	20E53.91	4.00	0.28	0.68	0.32	3.02	3.0

SOURCE

NSTA	NPBS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
16	24	59.0	At1	169	21	0	14	8	16	#	0.00	0.00	L	4.00	0.14	D

1 14 JUL 2017, 21:39 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.34 50 81>-< 0.68 239 8>-< 0.42 149 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		59.0	136	62	P		16.51	11.41	10.90	0.00	0.51*	1.08		0.286				
FNA	AC	HHE		59.0	136	62	S		24.07	18.97	19.07	0.00	-0.10	1.14S		0.621				
KBN	AC	HHZ		60.9	189	62	P		16.26	11.16	11.22	0.00	-0.06	1.14		0.223	1.00	25	2.90	D
KBN	AC	HHN		60.9	189	62	S		24.48	19.38	19.63	0.00	-0.25	1.14S		0.206				
PHP	AC	HHZ		69.2	327	62	P		17.50	12.40	12.65	0.00	-0.25	1.14		0.296	1.00	24	2.86	D
PHP	AC	HHN		69.2	327	62	S		27.30	22.20	22.14	0.00	0.06	1.14S		0.600				
TIR	AC	HHZ		89.0	284	62	P		20.70	15.60	16.04	0.00	-0.44	1.13		0.231	1.00	32	3.13	D

TIR	AC	HHN	89.0	284	62	S	33.28	28.18	28.07	0.00	0.11	1.14S	0.303						
BPA1	AC	HHZ	115.6	246	62	P	26.37	21.27	20.62	0.00	0.65*	0.85	0.140						
BPA1	AC	HHN	115.6	246	62	S	41.98	36.88	36.08	0.00	0.80*	0.51S	0.056						
LSK	AC	HHZ	115.6	193	62	P	25.59	20.49	20.62	0.00	-0.13	1.14	0.225	1.00	51	3.58	D		
LSK	AC	HHE	115.6	193	62	S	41.16	36.06	36.08	0.00	-0.02	1.14S	0.205						
VLO	AC	HHZ	141.4	238	62	P	31.96	26.86	25.06	0.00	0.80*	0.00	0.000						
VLO	AC	HHN	141.4	238	62	S	48.88	43.78	43.85	0.00	-0.08	1.14S	0.276						
SRN	AC	HHZ	161.8	209	55	P	34.53	29.43	28.35	0.00	1.08*	0.03	0.000						
SRN	AC	HHN	161.8	209	55	S	54.77	49.67	49.61	0.00	0.06	1.14S	0.323						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG		
2017	07	15	1044	9.47	42	0.16	21E13.11	1.28	0.17	1.77	1.80	2.99	3.22	3.0

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	15	73.6	Atl	240	11	0	9	3	11		3.00	0.18 L	3.00	0.03 D

1 15 JUL 2017, 10:44 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 3.31 33 57>-< 1.02 243 28>-< 0.62 145 14>

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		73.6	242	51	P		22.84	13.37	13.73	0.00	-0.36	0.88		0.260	1.00	35	3.22	D		
PHP	AC	HHN		73.6	242	51		6	0.00	-9.47	13.73	0.00		0.00		0.000	1.00			3.2	.25	2.99 L
							S		32.54	23.07	24.03	0.00	-0.46	0.90S		0.000						
BCI	AC	HHZ		103.3	294	51	P		28.24	18.77	18.84	0.00	-0.07	1.02		0.880						
TIR	AC	HHZ		134.2	238	51	P		33.85	24.38	24.14	0.00	0.24	1.02		0.368	1.00	39	3.32	D		
TIR	AC	HHN		134.2	238	51		6	0.00	-9.47	24.14	0.00		0.00		0.000	1.00			0.69	.47	2.78 L
							S		51.81	42.34	42.24	0.00	0.09	1.02S		0.712						
FNA	AC	HHZ		136.3	174	51	P		33.96	24.49	24.50	0.00	-0.01	1.02		0.408						
FNA	AC	HHN		136.3	174	51	S		52.38	42.91	42.88	0.00	0.03	1.02S		0.471						
KBN	AC	HHZ		157.3	194	46	P		37.44	27.97	28.04	0.00	-0.07	1.02		0.224	1.00	34	3.19	D		
KBN	AC	HHN		157.3	194	46		6	0.00	-9.47	28.04	0.00		0.00		0.000	1.00			1.2	.43	3.17 L
							S		58.38	48.91	49.07	0.00	-0.16	1.02S		0.440						
LSK	AC	HHZ		212.2	195	46	P		47.35	37.88	36.80	0.00	1.08*	0.00		0.000						
IGT	AC	HHZ		284.5	196	37	P		56.38	46.91	46.66	0.00	0.25	1.02		0.234						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	07	19	1948	8.59	41	9.92	20E55.21	4.67	0.18	0.70	0.11	2.82	2.8

SOURCE

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



12 18 57.8 At1 171 10 0 11 5 12 0.00 0.00 L 4.00 0.10 D

1 19 JUL 2017, 19:48 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 2.12 58 85>-< 0.70 237 4>-< 0.34 147 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		57.8	137	62	P	19.52	10.93	10.67	0.00	0.26	1.10		0.378				
FNA	AC	HHE		57.8	137	62	S	27.12	18.53	18.67	0.00	-0.14	1.10S		0.697				
KBN	AC	HHZ		61.2	191	62	P	19.92	11.33	11.26	0.00	0.07	1.10		0.257	1.00	20	2.68	D
KBN	AC	HHN		61.2	191	62	S	28.40	19.81	19.70	0.00	0.11	1.10S		0.372				
PHP	AC	HHZ		70.2	326	62	P	21.00	12.41	12.81	0.00	-0.40	0.86		0.234	1.00	24	2.86	D
PHP	AC	HHN		70.2	326	62	S	31.17	22.58	22.42	0.00	0.16	1.10S		0.634				
TIR	AC	HHZ		90.7	284	62	P	24.77	16.18	16.33	0.00	-0.15	1.10		0.307	1.00	22	2.77	D
TIR	AC	HHN		90.7	284	62	S	37.25	28.66	28.58	0.00	0.08	1.10S		0.460				
LSK	AC	HHZ		116.0	194	62	P	29.33	20.74	20.68	0.00	0.06	1.10		0.262	1.00	35	3.22	D
LSK	AC	HHE		116.0	194	62	S	44.57	35.98	36.19	0.00	-0.21	1.10S		0.386				
SRN	AC	HHZ		162.6	209	55	P	37.65	29.06	28.48	0.00	0.58*	0.26		0.008				
SRN	AC	HHE		162.6	209	55	S	59.74	51.15	49.84	0.00	0.31*	0.00S		0.000				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-07-20 1402 45.83 41 7.85 20E52.15 15.08 0.22 1.21 2.88 3.13 3.05 3.1

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
12 18 56.7 At1 156 23 0 10 5 12 # 2.00 0.22 L 3.00 0.03 D

1 20 JUL 2017, 14:02 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 2.89 135 85>-< 1.21 237 0>-< 0.64 326 4>

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
KBN	AC	HHZ		56.7	188	94	P	56.15	10.32	10.50	0.00	-0.18	1.15		0.176	1.00	27	3.05	D
KBN	AC	HHN		56.7	188	94		60.00	14.17	10.50	0.00		0.00		0.000	1.00			12 .54 3.34 L
							S	63.90	18.07	18.38	0.00	-0.31	1.15S		0.379				
FNA	AC	HHZ		58.1	131	94	P	56.52	10.69	10.73	0.00	-0.04	1.15		0.327				
FNA	AC	HHN		58.1	131	94	S	64.59	18.76	18.78	0.00	-0.02	1.15S		0.548				
PHP	AC	HHZ		71.2	330	92	P	54.26	8.43	12.92	0.00	-0.49	0.00		0.000	1.00	26	3.02	D
PHP	AC	HHN		71.2	330	92		60.00	14.17	12.92	0.00		0.00		0.000	1.00			2.7 .83 2.91 L
							S	66.09	20.26	22.61	0.00	-0.35	0.01S		0.000				
TIR	AC	HHZ		87.6	287	91	P	61.61	15.78	15.67	0.00	0.11	1.15		0.270				
TIR	AC	HHN		87.6	287	91	S	73.32	27.49	27.42	0.00	0.07	1.15S		0.555				

LSK	AC	HHZ	111.3	192	71	P	66.04	20.21	19.58	0.00	0.13	1.15	0.219						
LSK	AC	HHN	111.3	192	71	S	79.86	34.03	34.26	0.00	-0.23	1.15S	0.712						
BCI	AC	HHZ	152.6	335	71	P	73.58	27.75	26.16	0.00	0.49	0.64	0.110	1.00	37	3.36	D		
BCI	AC	HHN	152.6	335	71	S	91.14	45.31	45.78	0.00	-0.47	1.15S	0.698						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017-07-20	2019	43.50	41	8.57	20E51.94	5.84	0.48	1.54	4.54	2.66	2.90	2.7

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	SOURCE
10	14	58.0	At1	157	22	0	9	4	10	#	2.00	0.13 L	L F X
											2.00	0.08 D	

1 20 JUL 2017, 20:19 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 4.54 134 88>-< 1.54 49 0>-< 0.73 320 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
KBN	AC	HHZ		58.0	187	62	P		53.76	10.26	10.61	0.00	-0.35	1.17		0.285	1.00	27	2.97 D
KBN	AC	HHN		58.0	187	62		6	60.00	16.50	10.61	0.00		0.00		0.000	1.00		3.3 .50 2.79 L
							S		61.45	17.95	18.57	0.00	-0.42	1.17S		0.650			
FNA	AC	HHN		59.3	132	62	P		54.00	10.50	10.82	0.00	-0.32	1.17		0.413			
FNA	AC	HHE		59.3	132	62	S		62.80	19.30	18.93	0.00	0.36	1.17S		0.712			
PHP	AC	HHZ		69.9	330	62	P		54.78	11.28	12.65	0.00	-0.37	0.10		0.003	1.00	23	2.82 D
PHP	AC	HHN		69.9	330	62		6	60.00	16.50	12.65	0.00		0.00		0.000	1.00		1.2 .21 2.53 L
							S		64.84	21.34	22.14	0.00	-0.30	1.03S		0.581			
TIR	AC	HHZ		86.9	286	62	P		59.56	16.06	15.58	0.00	0.48	1.17		0.359			
TIR	AC	HHN		86.9	286	62	S		70.98	27.48	27.26	0.00	0.21	1.17S		0.559			
LSK	AC	HHZ		112.6	192	62	P		63.48	19.98	19.98	0.00	0.00	1.17		0.295			
BCI	AC	HHZ		151.3	335	55	P		71.05	27.55	26.54	0.00	0.21	0.66		0.137			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017-07-21	1954	9.88	39	54.06	20E37.54	3.04	0.25	0.92	1.59	2.44	3.17	2.5

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	SOURCE
13	18	27.7	At1	145	10	0	12	4	13		3.00	0.19 L	L F X
											2.00	0.04 D	

1 21 JUL 2017, 19:54 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.62 44 80>-< 0.92 292 3>-< 0.41 203 9>

REGION= Greqi (Greece)

MODELS USED: At1=1.00

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		27.7	356	92	P		15.31	5.43	5.58	0.00	-0.15	1.14		0.401	1.00	35	3.21 D			
LSK	AC	HHN		27.7	356	92		6	0.00	-9.88	5.58	0.00		0.00		0.000	1.00			4.9	.36	2.63 L
							S		19.79	9.91	9.76	0.00	0.14	1.14S		0.511						
IGT	AC	HHZ		48.2	212	62	P		18.22	8.34	9.18	0.00	-0.24	0.99		0.008						
IGT	AC	HHN		48.2	212	62	S		26.09	16.21	16.06	0.00	0.15	1.14S		0.431						
SRN	AC	HHZ		53.5	268	62	P		19.74	9.86	10.09	0.00	-0.23	1.14		0.202	1.00	32	3.13 D			
SRN	AC	HHE		53.5	268	62		6	0.00	-9.88	10.09	0.00		0.00		0.000	1.00			1.7	.50	2.44 L
							S		27.38	17.50	17.66	0.00	-0.16	1.14S		0.619						
KBN	AC	HHZ		81.4	9	62	P		25.12	15.24	14.88	0.00	0.36	1.14		0.191						
KBN	AC	HHN		81.4	9	62		6	0.00	-9.88	14.88	0.00		0.00		0.000	1.00			0.34	.43	2.08 L
							S		35.87	25.99	26.04	0.00	-0.05	1.14S		0.674						
FNA	AC	HHN		117.1	33	62	P		30.17	20.29	21.01	0.00	-0.22	0.48		0.064						
FNA	AC	HHE		117.1	33	62	S		47.89	38.01	36.77	0.00	0.54*	0.00S		0.000						
LKD2	AC	HHZ		123.5	178	62	P		31.91	22.03	22.11	0.00	-0.08	1.14		0.573						
SCTE	AC	HHZ		185.3	277	55	P		42.61	32.73	32.27	0.00	0.46	1.08		0.144						
PHP	AC	HHZ		198.7	356	55	P		44.03	34.15	34.41	0.00	-0.26	1.14		0.175						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	22	2230	32.33	36 47.64	30E43.66	9.01	1.38	7.09	9.55	6.95	7.0

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
14	20	961.4	At1	346	13	0	13	5	14	-	1.00	0.00 L	6.00 0.04 D

1 20 JUL 2017, 22:30 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 99.00 120 36>-< 61.42 27 2>-< 8.45 294 52>

REGION= Turqi (Turkey)

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		961.4	297	37	P		167.68	135.35	136.42	0.00	-1.07*	1.08		0.190	1.00	1336	7.09 D		
KBN	AC	HHN		965.5	300	37	S		268.70	236.37	239.68	0.00	-1.31*	1.06S		0.414					
KBN	AC	HHZ		965.5	300	37	P		170.80	138.47	136.96	0.00	1.51*	1.08		0.181	1.00	1267	7.04 D		
SRN	AC	HHN		*****	294	37	S		282.56	250.23	247.94	0.00	0.29	1.08S		0.763					
SRN	AC	HHZ		*****	294	37	P		170.08	137.75	141.68	0.00	-1.93*	0.99		0.314	1.00	1250	7.05 D		
PHP	AC	HHN		*****	305	37		6	240.00	207.67	147.21	0.00		0.00		0.000	1.00			581.00	6.95 L
							S		296.04	263.71	257.62	0.00	1.09*	0.42S		0.160					
PHP	AC	HHZ		*****	305	37	P		181.42	149.09	147.21	0.00	1.88*	1.08		0.230					
BPA1	AC	HHN		*****	298	37	S		298.49	266.16	261.41	0.00	1.75*	0.82S		0.178					
BPA1	AC	HHZ		*****	298	37	P		181.69	149.36	149.38	0.00	-0.02	1.08		0.182	1.00	688	6.51 D		
BPA2	AC	HHN		*****	298	37	S		297.53	265.20	262.17	0.00	1.03*	1.08S		0.307					
BPA2	AC	HHZ		*****	298	37	P		182.10	149.77	149.81	0.00	-0.04	1.08		0.182	1.00	1135	7.00 D		
TIR	AC	HHN		*****	302	37	S		281.31	248.98	263.85	0.00	-1.17*	0.00S		0.000					

TIR AC HHZ \*\*\*\*\* 302 37 P 184.47152.14150.77 0.00 0.37 1.08 0.173 1.001249 7.09 D  
 BCI AC HHZ \*\*\*\*\* 308 37 P 188.21155.88155.73 0.00 0.15 1.08 0.719

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-23 2341 14.68 41 11.24 20E54.86 6.92 0.25 1.59 3.44 3.03 3.35 3.1

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T SOURCE  
 16 24 59.9 At1 165 21 0 16 8 16 # 3.00 0.01 L 5.00 0.13 D L F X

1 23 JUL 2017, 23:41 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 3.49 67 80>-< 1.61 244 9>-< 0.84 154 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		59.9	138	91	P		25.45	10.77	10.94	0.00	-0.17	1.16		0.292			
FNA	AC	HHN		59.9	138	91	S		33.51	18.83	19.14	0.00	-0.32	1.16S		0.488			
KBN	AC	HHZ		63.5	190	90	P		25.55	10.87	11.55	0.00	-0.18	1.16		0.137	1.00	40	3.35 D
KBN	AC	HHN		63.5	190	90	S	6	0.00-14.68	11.55	0.00			0.00		0.000	1.00		13 .83 3.45 L
									33.54	18.86	20.21	0.00	-0.35	0.60S		0.075			
PHP	AC	HHZ		68.0	325	90	P		26.72	12.04	12.32	0.00	-0.28	1.16		0.233	1.00	40	3.35 D
PHP	AC	HHN		68.0	325	90	S	6	0.00-14.68	12.32	0.00			0.00		0.000	1.00		4.0 .66 3.02 L
									35.10	20.42	21.56	0.00	-0.14	0.90S		0.227			
TIR	AC	HHZ		89.7	282	90	P		30.47	15.79	16.04	0.00	-0.25	1.16		0.182	1.00	35	3.22 D
TIR	AC	HHN		89.7	282	90	S	6	0.00-14.68	16.04	0.00			0.00		0.000	1.00		2.6 .92 3.03 L
									42.54	27.86	28.07	0.00	-0.21	1.16S		0.437			
LSK	AC	HHZ		118.3	194	90	P		35.61	20.93	20.95	0.00	-0.32	1.16		0.131	1.00	61	3.76 D
LSK	AC	HHN		118.3	194	90	S		50.32	35.64	36.66	0.00	-0.42	1.04S		0.228			
BCI	AC	HHZ		148.7	333	68	P		42.50	27.82	26.06	0.00	0.36	0.12		0.003	1.00	51	3.59 D
BCI	AC	HHN		148.7	333	68	S		60.08	45.40	45.60	0.00	-0.21	1.16S		0.670			
SRN	AC	HHZ		164.5	209	68	P		44.15	29.47	28.58	0.00	0.29	1.13		0.119			
SRN	AC	HHN		164.5	209	68	S		65.13	50.45	50.01	0.00	0.43	1.16S		0.403			
IGT	AC	HHZ		190.4	196	68	P		48.66	33.98	32.71	0.00	0.27	0.72		0.051			
IGT	AC	HHN		190.4	196	68	S		70.91	56.23	57.24	0.00	-0.41	1.05S		0.316			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-24 1139 2.40 38 35.09 20E27.33 15.19 0.44 2.55 1.85 4.08 3.88 4.1

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T SOURCE  
 21 29 28.7 At1 278 9 0 15 6 19 7.00 0.20 L 2.00 0.11 D L F X

1 24 JUL 2017, 11:39 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 3.15 103 35>-< 2.13 216 28>-< 1.55 334 41>

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		28.7	37	110	P		8.19	5.79	5.90	0.00	-0.11	1.07		0.678			
LKD2	AC	HHE		28.7	37	110	S		10.37	7.97	10.32	0.00	-2.35*	0.00S		0.000			
IGT	AC	HHZ		105.7	355	71	P		21.13	18.73	18.67	0.00	0.06	1.07		0.119			
IGT	AC	HHE		105.7	355	71	S		35.65	33.25	32.67	0.00	0.58*	1.07S		0.279			
SRN	AC	HHZ		149.1	345	71	P		28.20	25.80	25.59	0.00	0.21	1.07		0.183	1.00	57	3.77 D
SRN	AC	HHE		149.1	345	71	P	6	0.00	-2.40	25.59	0.00		0.00		0.000	1.00		4.2 .75 3.67 L
							S		47.03	44.63	44.78	0.00	-0.15	1.07S		0.400			
LSK	AC	HHZ		174.2	4	71	P		33.91	31.51	29.60	0.00	1.91*	0.04		0.000	1.00	71	3.99 D
LSK	AC	HHE		174.2	4	71	P	6	0.00	-2.40	29.60	0.00		0.00		0.000	1.00		15 .75 4.37 L
							S		53.81	51.41	51.80	0.00	-0.39	1.07S		0.301			
KBN	AC	HHZ		228.1	7	51	P		42.54	40.14	37.51	0.00	2.63*	0.00		0.000			
KBN	AC	HHN		228.1	7	51	P	6	60.00	57.60	37.51	0.00		0.00		0.000	1.00		3.8 .74 4.08 L
							S		68.35	65.95	65.64	0.00	0.31	1.07S		0.421			
SCTE	AC	HHZ		238.4	315	51	P		41.52	39.12	38.86	0.00	0.26	1.07		0.427			
SCTE	AC	HHN		238.4	315	51	P	6	60.00	57.60	38.86	0.00		0.00		0.000	1.00		2.4 .60 3.93 L
							S		67.59	65.19	68.01	0.00	-2.82*	0.00S		0.000			
BPA2	AC	HHZ		248.8	344	51	P		43.17	40.77	40.24	0.00	0.53*	1.07		0.135			
BPA2	AC	HHE		248.8	344	51	S		72.10	69.70	70.42	0.00	-0.72*	1.06S		0.218			
FNA	AC	HHZ		256.6	17	51	P		44.21	41.81	41.27	0.00	0.54*	1.07		0.261			
TIR	AC	HHZ		310.9	351	51	P		50.56	48.16	48.46	0.00	-0.30	1.07		0.116			
TIR	AC	HHE		310.9	351	51	P	6	60.00	57.60	48.46	0.00		0.00		0.000	1.00		1.1 .80 3.88 L
							S		87.59	85.19	84.81	0.00	0.38	1.07S		0.210			
PHP	AC	HHZ		344.2	0	51	P		54.80	52.40	52.86	0.00	-0.46	1.06		0.128			
PHP	AC	HHN		344.2	0	51	P	6	60.00	57.60	52.86	0.00		0.00		0.000	1.00		1.6 .83 4.17 L
BCI	AC	HHZ		421.2	356	51	P		64.65	62.25	63.05	0.00	-0.80*	1.05		0.115			
BCI	AC	HHE		421.2	356	51	P	6	60.00	57.60	63.05	0.00		0.00		0.000	1.00		1.6 .86 4.38 L

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-24 2239 2.69 41 11.30 20E55.73 3.34 0.31 0.71 2.12 3.49 3.27 3.5

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T SOURCE  
 22 31 59.2 At1 137 14 0 19 8 21 7.00 0.27 L 4.00 0.07 D L F X

1 24 JUL 2017, 22:39 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.13 73 84>-< 0.71 244 5>-< 0.41 155 0>

REGION= Magedoni (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	139	62	P		14.25	11.56	11.04	0.00	0.22	1.09		0.212			
FNA	AC	HHE		59.2	139	62	S		21.83	19.14	19.32	0.00	-0.18	1.11S		0.438			
KBN	AC	HHZ		63.8	191	62	P		14.36	11.67	11.83	0.00	-0.16	1.11		0.153			
KBN	AC	HHN		63.8	191	62		6	0.00	-2.69	11.83	0.00		0.00		0.000	1.00	11 .81	3.39 L
							S		23.33	20.64	20.70	0.00	-0.06	1.11S		0.215			
PHP	AC	HHZ		68.6	324	62	P		15.21	12.52	12.65	0.00	-0.13	1.11		0.204	1.00	34 3.19 D	
PHP	AC	HHN		68.6	324	62		6	0.00	-2.69	12.65	0.00		0.00		0.000	1.00	4.5 .28	3.09 L
							S		25.06	22.37	22.14	0.00	0.23	1.11S		0.283			
TIR	AC	HHZ		90.9	282	62	P		18.73	16.04	16.48	0.00	-0.44	1.11		0.193	1.00	35 3.22 D	
TIR	AC	HHN		90.9	282	62		6	0.00	-2.69	16.48	0.00		0.00		0.000	1.00	2.6 .34	3.04 L
							S		31.43	28.74	28.84	0.00	-0.10	1.11S		0.269			
LSK	AC	HHZ		118.6	194	62	P		23.89	21.20	21.25	0.00	-0.05	1.11		0.154	1.00	39 3.32 D	
LSK	AC	HHE		118.6	194	62		6	0.00	-2.69	21.25	0.00		0.00		0.000	1.00	5.7 .62	3.59 L
							S		39.41	36.72	37.19	0.00	-0.47	1.11S		0.215			
BPA2	AC	HHZ		121.5	246	62	P		24.40	21.71	21.74	0.00	-0.03	1.11		0.197			
BPA2	AC	HHN		121.5	246	62	S		41.56	38.87	38.04	0.00	0.23	0.61S		0.092			
VLO	AC	HHZ		144.9	238	62	P		29.94	27.25	25.77	0.00	0.48	0.00		0.000			
VLO	AC	HHN		144.9	238	62		6	0.00	-2.69	25.77	0.00		0.00		0.000	1.00	5.5 .51	3.76 L
BCI	AC	HHZ		149.2	332	55	P		29.16	26.47	26.48	0.00	-0.01	1.11		0.162			
BCI	AC	HHN		149.2	332	55		6	0.00	-2.69	26.48	0.00		0.00		0.000	1.00	5.4 .68	3.78 L
							S		48.99	46.30	46.34	0.00	-0.04	1.11S		0.465			
SRN	AC	HHZ		165.2	209	55	P		32.56	29.87	29.04	0.00	0.83*	0.60		0.028	1.00	46 3.48 D	
SRN	AC	HHE		165.2	209	55		6	0.00	-2.69	29.04	0.00		0.00		0.000	1.00	2.2 .68	3.49 L
							S		53.67	50.98	50.82	0.00	0.16	1.11S		0.340			
THE	AC	HHZ		182.2	109	55	P		34.29	31.60	31.75	0.00	-0.15	1.11		0.292			
IGT	AC	HHZ		190.9	196	55	P		36.42	33.73	33.13	0.00	0.60*	1.01		0.077			
IGT	AC	HHE		190.9	196	55	S		62.45	59.76	57.98	0.00	1.78*	0.00S		0.000			
LKD2	AC	HHZ		267.4	186	43	P		45.69	43.00	44.08	0.00	-1.08*	0.11		0.000			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-07-25 2121 40.41 40 41.42 19E49.81 10.49 0.07 5.73 1.28 1.78

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
4 6 15.2 At1 360 6 0 4 2 4 - 0.00 0.00 L 2.00 0.01 D

1 25 JUL 2017, 21:21 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 13.73 194 0>-< 5.82 285 47>-< 1.30 104 42>

REGION= MODELS USED: At1=1.00

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	15.2	284	135	P	44.68	4.27	4.19	0.00	0.08	1.00	0.998	1.00	7	1.77	D
BPA1	AC	HHE	15.2	284	135	S	47.69	7.28	7.33	0.00	-0.05	1.00S	0.999				
BPA2	AC	HHZ	18.4	284	129	P	44.91	4.50	4.59	0.00	-0.09	1.00	0.998	1.00	7	1.78	D
BPA2	AC	HHN	18.4	284	129	S	48.48	8.07	8.03	0.00	0.04	1.00S	0.999				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	07	25	1711	48.81	41	8.96	20E53.43	5.02	0.46	0.89	0.96	3.21	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	
20	30	58.2	At1	160	7	0	20	10	20		0.00	0.00	L	4.00	0.16	D

1 25 JUL 2017, 17:11 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.97 71 84>-< 0.89 234 5>-< 0.62 324 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		58.2	134	62	P		59.58	10.77	10.67	0.00	0.10	1.15		0.291				
FNA	AC	HHE		58.2	134	62	S		67.42	18.61	18.67	0.00	-0.06	1.15S		0.524				
KBN	AC	HHZ		59.0	189	62	P		59.42	10.61	10.81	0.00	-0.20	1.15		0.168	1.00	40	3.35	D
KBN	AC	HHE		59.0	189	62	S		67.62	18.81	18.92	0.00	-0.11	1.15S		0.192				
PHP	AC	HHZ		70.3	328	62	P		60.61	11.80	12.76	0.00	-0.96*	0.58		0.080	1.00	29	3.04	D
PHP	AC	HHN		70.3	328	62	S		70.38	21.57	22.33	0.00	-0.76*	0.97S		0.318				
TIR	AC	HHZ		88.7	285	62	P		64.63	15.82	15.92	0.00	-0.10	1.15		0.217	1.00	30	3.07	D
TIR	AC	HHE		88.7	285	62	S		76.16	27.35	27.86	0.00	-0.51*	1.15S		0.217				
LSK	AC	HHZ		113.7	193	62	P		69.00	20.19	20.20	0.00	-0.01	1.15		0.166	1.00	42	3.40	D
LSK	AC	HHE		113.7	193	62	S		83.58	34.77	35.35	0.00	-0.58*	1.15S		0.182				
BPA1	AC	HHZ		114.2	246	62	P		69.62	20.81	20.30	0.00	0.51*	1.15		0.181				
BPA1	AC	HHN		114.2	246	62	S		84.82	36.01	35.52	0.00	0.49	1.15S		0.179				
BPA2	AC	HHZ		116.8	247	62	P		68.65	19.84	20.74	0.00	-0.90*	0.71		0.068				
BPA2	AC	HHE		116.8	247	62	S		84.75	35.94	36.29	0.00	-0.35	1.15S		0.179				
VLO	AC	HHZ		139.9	238	62	P		74.64	25.83	24.71	0.00	1.12*	0.30		0.011				
VLO	AC	HHN		139.9	238	62	S		92.39	43.58	43.24	0.00	0.34	1.15S		0.176				
BCI	AC	HHZ		151.5	334	55	P		76.50	27.69	26.62	0.00	0.07*	0.38		0.030				
BCI	AC	HHN		151.5	334	55	S		96.17	47.36	46.58	0.00	0.78*	0.97S		0.451				
SRN	AC	HHZ		159.9	209	55	P		77.42	28.61	27.94	0.00	0.67*	1.10		0.084				
SRN	AC	HHE		159.9	209	55	S		97.84	49.03	48.89	0.00	0.14	1.15S		0.274				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG		
2017	07	26	1055	16.14	41	31.07	20E20.11	24.97	0.27	2.86	8.70	3.45	3.18	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 23 20.5 At1 140 21 0 15 7 16 # 2.00 0.41 L 2.00 0.33 D

1 26 JUL 2017, 10:55 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 8.72 352 85>-< 2.87 121 2>-< 2.03 212 3>

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		20.5	25	90	P		20.61	4.47	4.84	0.00	-0.37	1.09		0.318	1.00	19	2.85 D
PHP	AC	HHN		20.5	25	90		6	0.00-16.14	4.84	0.00			0.00		0.000	1.00		63 .15 3.85 L
							S		23.78	7.64	8.47	0.00	-0.83	1.09S		0.575			
TIR	AC	HHZ		43.6	245	90	P		23.22	7.08	8.52	0.00	-0.44	1.09		0.197	1.00	37	3.50 D
TIR	AC	HHN		43.6	245	90		6	0.00-16.14	8.52	0.00			0.00		0.000	1.00		7.4 .43 3.04 L
							S		28.01	11.87	14.91	0.00	-0.04	0.77S		0.193			
BPA1	AC	HHZ		105.1	214	90	P		35.14	19.00	18.33	0.00	0.47	1.09		0.116			
BPA1	AC	HHN		105.1	214	90	S		49.24	33.10	32.08	0.00	0.22	1.09S		0.219			
BPA2	AC	HHZ		106.2	215	90	P		34.76	18.62	18.50	0.00	0.12	1.09		0.117			
BPA2	AC	HHN		106.2	215	90	S		48.76	32.62	32.38	0.00	0.24	1.09S		0.222			
KBN	AC	HHZ		106.3	158	90	P		30.11	13.97	18.52	0.00	-0.55	0.11		0.001			
KBN	AC	HHN		106.3	158	90	S		46.26	30.12	32.41	0.00	-0.29	1.03S		0.288			
FNA	AC	HHZ		120.1	132	90	P		36.69	20.55	20.73	0.00	-0.18	1.09		0.181			
FNA	AC	HHN		120.1	132	90	S		53.73	37.59	36.28	0.00	0.31	1.09S		0.434			
LSK	AC	HHZ		153.5	171	90	P		43.66	27.52	26.05	0.00	0.47	1.09		0.115			
SRN	AC	HHZ		184.1	189	62	P		47.72	31.58	30.63	0.00	0.95	1.09		0.259			
SRN	AC	HHN		184.1	189	62	S		68.35	52.21	53.60	0.00	-0.39	1.09S		0.758			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-07-27 0309 28.49 41 0.22 20E59.20 1.02 0.36 8.27 8.37 2.26 3.29 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  
 9 13 41.6 At1 271 14 0 8 3 9 # 1.00 0.00 L 3.00 0.00 D

1 27 JUL 2017, 3:09 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 11.77 346 45>-< 2.55 119 33>-< 1.26 228 25>

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		41.6	126	51	P		36.62	8.13	8.40	0.00	-0.27	1.08		0.972			
KBN	AC	HHZ		45.4	202	51	P		37.13	8.64	9.06	0.00	-0.42	1.08		0.316	1.00	26	2.93 D
KBN	AC	HHN		45.4	202	51		6	0.00-28.49	9.06	0.00			0.00		0.000	1.00		1.4 .56 2.26 L
							S		44.17	15.68	15.85	0.00	-0.18	1.08S		0.381			



LSK	AC	HHZ	100.3	200	51	P	47.33	18.84	18.50	0.00	0.34	1.08	0.340	1.00	38	3.29	D
LSK	AC	HHN	100.3	200	51	S	60.37	31.88	32.38	0.00	-0.50	1.07S	0.485				
SRN	AC	HHZ	150.2	215	51	P	55.21	26.72	27.07	0.00	-0.35	1.08	0.641	1.00	38	3.29	D
SRN	AC	HHN	150.2	215	51	S	74.31	45.82	47.37	0.00	-0.45	0.00S	0.000				
IGT	AC	HHZ	172.8	200	46	P	60.11	31.62	30.69	0.00	0.13	0.46	0.056				
IGT	AC	HHN	172.8	200	46	S	82.31	53.82	53.71	0.00	0.11	1.08S	0.804				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	07	27	0737	53.35	41 10.59	20E51.94	3.59	0.29	0.86	2.21	2.42	2.85	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
16	23	61.7	At1	160	10	0	12	5	14		5.00	0.20 L	1.00 0.00 D

1 27 JUL 2017, 7:37 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>< 2.22 108 86>< 0.86 240 2>< 0.44 329 2>

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
KBN	AC	HHZ		61.7	187	62	P		65.04	11.69	11.45	0.00	0.24	1.13		0.215			
KBN	AC	HHN		61.7	187	62		6	60.00	6.65	11.45	0.00		0.00		0.000	1.00		3.0 .54 2.81 L
							S		72.25	18.90	20.04	0.00	-1.14*	0.01S		0.000			
FNA	AC	HHZ		61.8	134	62	P		64.88	11.53	11.47	0.00	0.06	1.13		0.321			
FNA	AC	HHN		61.8	134	62	S		73.07	19.72	20.07	0.00	-0.35	1.13S		0.643			
PHP	AC	HHZ		66.7	328	62	P		65.57	12.22	12.30	0.00	-0.08	1.13		0.298			
PHP	AC	HHN		66.7	328	62		6	60.00	6.65	12.30	0.00		0.00		0.000	1.00		0.43 .37 2.04 L
							S		74.65	21.30	21.52	0.00	-0.22	1.13S		0.327			
TIR	AC	HHZ		86.0	284	62	P		68.43	15.08	15.62	0.00	-0.54*	1.05		0.227	1.00	24	2.85 D
TIR	AC	HHN		86.0	284	62	S		80.53	27.18	27.33	0.00	-0.15	1.13S		0.374			
TIR	AC	HHE		86.0	284	62		6	60.00	6.65	15.62	0.00		0.00		0.000	1.00		0.43 .41 2.22 L
LSK	AC	HHZ		116.2	192	62	P		74.11	20.76	20.81	0.00	-0.05	1.13		0.220			
LSK	AC	HHE		116.2	192	62		6	60.00	6.65	20.81	0.00		0.00		0.000	1.00		0.63 .66 2.62 L
							S		88.07	34.72	36.42	0.00	-1.70*	0.00S		0.000			
BCI	AC	HHZ		147.9	334	55	P		80.38	27.03	26.25	0.00	0.78*	0.59		0.061			
BCI	AC	HHN		147.9	334	55	S		99.63	46.28	45.94	0.00	0.34	1.13S		0.496			
SRN	AC	HHZ		161.6	208	55	P		82.18	28.83	28.43	0.00	0.40	1.13		0.165			
SRN	AC	HHN		161.6	208	55	S		103.11	49.76	49.75	0.00	0.01	1.13S		0.647			
SRN	AC	HHE		161.6	208	55		6	60.00	6.65	28.43	0.00		0.00		0.000	1.00		0.20 .63 2.42 L

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	07	28	2209	49.13	41 11.16	20E53.54	0.07	0.28	0.75	1.63	3.29	3.40	3.3

SOURCE

NSTA	NPBS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
19	27	61.0	At1	171	8	0	15	7	17	#	6.00	0.32	L	4.00	0.05	D

1 28 JUL 2017, 22:09 SEQUENCE NO. 1, ID NO. 0  
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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		61.0	137	51	P		60.86	11.73	11.74	0.00	-0.01	1.05		0.299							
FNA	AC	HHE		61.0	137	51	S		69.61	20.48	20.55	0.00	-0.06	1.05S		0.613							
KBN	AC	HHZ		63.1	189	51	P		60.77	11.64	12.09	0.00	-0.45	0.97		0.159	1.00	42	3.39	D			
KBN	AC	HHE		63.1	189	51	S		69.27	20.14	21.16	0.00	-0.42	0.00S		0.000							
KBN	AC	HHN		63.1	189	51		6	60.00	10.87	12.09	0.00		0.00		0.000	1.00		11	.51	3.37	L	
PHP	AC	HHZ		67.0	326	51	P		61.81	12.68	12.77	0.00	-0.09	1.05		0.290	1.00	39	3.32	D			
PHP	AC	HHN		67.0	326	51		6	60.00	10.87	12.77	0.00		0.00		0.000	1.00		2.7	.93	2.84	L	
							S		71.64	22.51	22.35	0.00	0.16	1.05S		0.611							
TIR	AC	HHZ		87.9	283	51	P		65.40	16.27	16.36	0.00	-0.09	1.05		0.204	1.00	43	3.41	D			
TIR	AC	HHN		87.9	283	51		6	60.00	10.87	16.36	0.00		0.00		0.000	1.00		2.0	.47	2.90	L	
							S		77.42	28.29	28.63	0.00	-0.34	1.05S		0.304							
BPA1	AC	HHZ		116.1	245	51	P		70.78	21.65	21.20	0.00	0.45	0.97		0.178							
BPA1	AC	HHE		116.1	245	51	S		86.21	37.08	37.10	0.00	-0.02	1.05S		0.291							
LSK	AC	HHZ		117.7	193	51	P		70.14	21.01	21.48	0.00	-0.47	0.94		0.150	1.00	52	3.60	D			
LSK	AC	HHN		117.7	193	51		6	60.00	10.87	21.48	0.00		0.00		0.000	1.00		5.1	.77	3.54	L	
							S		87.22	38.09	37.59	0.00	0.50*	0.89S		0.163							
BCI	AC	HHZ		148.0	333	51	P		77.19	28.06	26.68	0.00	1.38*	0.00		0.000							
SRN	AC	HHZ		163.5	208	46	P		78.51	29.38	29.21	0.00	0.17	1.05		0.139							
SRN	AC	HHN		163.5	208	46		6	60.00	10.87	29.21	0.00		0.00		0.000	1.00		1.2	.77	3.21	L	
							S		100.12	50.99	51.12	0.00	-0.13	1.05S		0.258							
IGT	AC	HHZ		189.8	195	46	P		83.09	33.96	33.40	0.00	0.56*	0.76		0.073							
IGT	AC	HHE		189.8	195	46		6	60.00	10.87	33.40	0.00		0.00		0.000	1.00		208	.47	5.62	L	
							S		107.73	58.60	58.45	0.00	0.15	1.05S		0.259							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	07	30	0955	20.68	40 40.13	19E56.29	20.77	0.14	17.03	17.03	2.02	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	
4	6	24.6	At1	360	12	0	4	2	4	-	0.00	0.00	L	2.00	0.06	D

1 30 JUL 2017, 9:55 SEQUENCE NO. 1, ID NO. 0  
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REGION=

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		24.6	285	90	P		26.43	5.75	5.49	0.00	0.26	1.50		0.972	1.00	9	2.07 D
BPA1	AC	HHN		24.6	285	90	S		30.35	9.67	9.61	0.00	0.06	1.50S		0.749			
BPA2	AC	HHZ		27.8	285	90	P		26.65	5.97	6.01	0.00	-0.04	1.50		0.972	1.00	8	1.96 D
BPA2	AC	HHN		27.8	285	90	S		31.14	10.46	10.52	0.00	-0.06	1.50S		0.749			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	07	31	0635	24.40	39 4.88	20E26.73	9.79	0.65	1.89	2.64	3.19	4.31	3.2

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X	SOURCE	
	24	34	37.3	At1	154	14	0	20	10	21	3.00	0.10 L	1.00	0.00 D	

1 31 JUL 2017, 6:35 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP><-< 2.72 153 76><-< 1.89 248 1><-< 0.96 338 13>

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		37.3	150	97	P		30.92	6.52	7.09	0.00	-0.57*	1.08		0.320	1.00	108	4.31 D
LKD2	AC	HHN		37.3	150	97	S		37.17	12.77	12.41	0.00	0.36	1.08S		0.557			
SRN	AC	HHZ		96.6	337	92	P		41.37	16.97	17.24	0.00	-0.27	1.08		0.176			
SRN	AC	HHE		96.6	337	92	S		54.02	29.62	30.17	0.00	-0.55*	1.08S		0.345			
SRN	AC	HHN		96.6	337	92		6	60.00	35.60	17.24	0.00		0.00		0.000	1.00		1.1 .43 2.70 L
LSK	AC	HHZ		119.4	6	91	P		45.35	20.95	21.15	0.00	-0.20	1.08		0.157			
LSK	AC	HHN		119.4	6	91	S		62.20	37.80	37.01	0.00	0.79*	1.08S		0.356			
LSK	AC	HHE		119.4	6	91		6	60.00	35.60	21.15	0.00		0.00		0.000	1.00		2.8 .74 3.29 L
KBN	AC	HHZ		173.7	9	68	P		54.63	30.23	29.86	0.00	0.37	1.08		0.074			
KBN	AC	HHN		173.7	9	68	S		76.90	52.50	52.25	0.00	0.25	1.08S		0.197			
KBN	AC	HHE		173.7	9	68		6	60.00	35.60	29.86	0.00		0.00		0.000	1.00		0.991.05 3.19 L
VLO	AC	HHZ		174.2	333	68	P		48.74	24.34	29.94	0.00	-5.60*	0.00		0.000			
VLO	AC	HHN		174.2	333	68	S		76.14	51.74	52.39	0.00	-0.65*	1.08S		0.145			
BPA1	AC	HHE		194.4	340	68	S		81.81	57.41	58.03	0.00	-0.62*	1.08S		0.116			
BPA1	AC	HHZ		194.4	340	68	P		59.15	34.75	33.16	0.00	1.59*	0.53		0.015			
BPA2	AC	HHZ		196.2	340	68	P		58.38	33.98	33.45	0.00	0.53*	1.08		0.066			
BPA2	AC	HHN		196.2	340	68	S		84.60	60.20	58.54	0.00	1.66*	0.45S		0.019			
SCTE	AC	HHZ		202.7	304	68	P		58.68	34.28	34.48	0.00	-0.20	1.08		0.211			
SCTE	AC	HHN		202.7	304	68	S		85.94	61.54	60.34	0.00	1.20*	0.91S		0.318			
FNA	AC	HHZ		205.1	22	68	P		58.05	33.65	34.87	0.00	-1.22*	0.90		0.076			
FNA	AC	HHE		205.1	22	68	S		85.72	61.32	61.02	0.00	0.30	1.08S		0.317			
TIR	AC	HHZ		256.5	350	50	P		67.14	42.74	41.84	0.00	0.90*	1.06		0.104			
TIR	AC	HHN		256.5	350	50	S		97.15	72.75	73.22	0.00	-0.47	1.08S		0.310			

PHP AC HHZ 289.1 0 50 P 69.88 45.48 46.16 0.00 -0.68\* 1.08 0.111

**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	07	10	2031	37.85								PHP
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		2031	37.85							
PHP	SE	ISG		2031	39.87							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	07	13	1303	30.90								PHP
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
LSK	SZ	IPG		1303	30.90							
LSK	SE	ISG		1303	32.80							

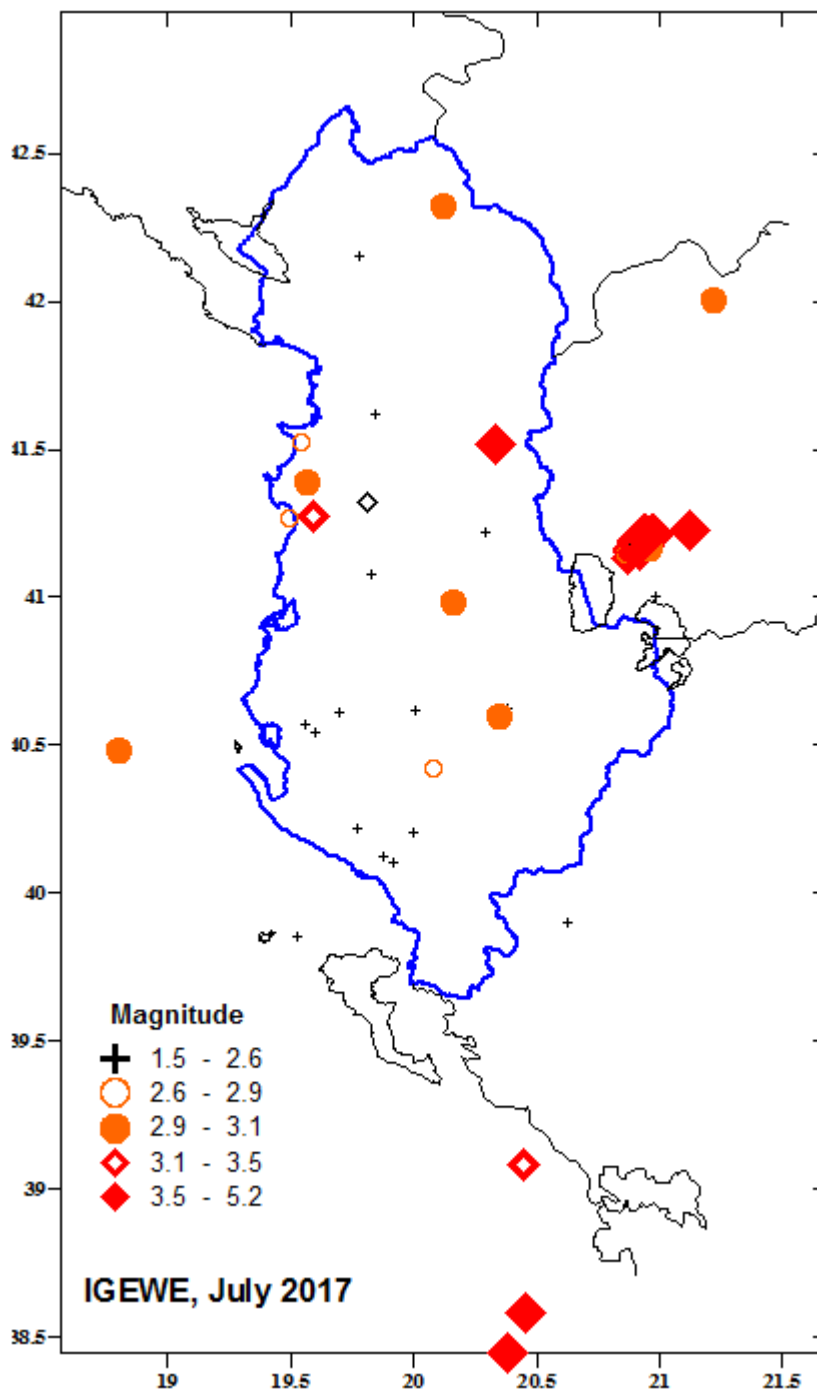
Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	07	13	1939	14.97								PHP
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		1939	14.97							
PHP	SE	ISG		1939	16.01							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	07	13	2301	36.97								PHP
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		2301	36.97							
PHP	SE	ISG		2301	42.41							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	07	19	0043	58.40								PHP
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		0043	58.47							
PHP	SE	ISG		0044	02.05							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	07	19	0107	11.98								PHP
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		0107	11.98							
PHP	SE	ISG		0107	11.98							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	07	19	0115	44.96								PHP
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		0115	44.96							
PHP	SE	ISG		0115	48.61							



**-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 Korrik 2017, bazuar në regjistrimet e ASN dhe stacioneve sizmologjike në rajon.  
(*Epicentral map for located seismicity within Albania and surrounding during July 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]	115
Numuri i ngjarjeve sizmike brenda kufirit shtetëror	[earthquakes occurred within state border]	28
Thellësia mesatare e vërtuar (km)	[mean observed depth]	6
Thellësia maksimale e vërtuar (km)	[maximum observed depth]	36
Magnituda lokale minimale e vërtuar ( $M_{Ld}$ )	[minimum observed local magnitude]	1.5
Magnituda lokale maksimale e vërtuar ( $M_{Ld}$ )	[maximum observed local magnitude]	5.2
Intensiteti maksimal i vërtuar (MSK-64)	[maximum observed intensity]	VI-VII

## REFERENCA (References)

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