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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 pasqyrimin 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 aktiv, 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 staff are: Eng. Ardian Minarolli, Eng. Ervin Kasaj, Eng. Olgert Gjuzi (Geologists/Observers) and scientific staff: 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*)

### **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, Rrjeti Sizmologjik Virtual (Virtual Seismological Network)

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

**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

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

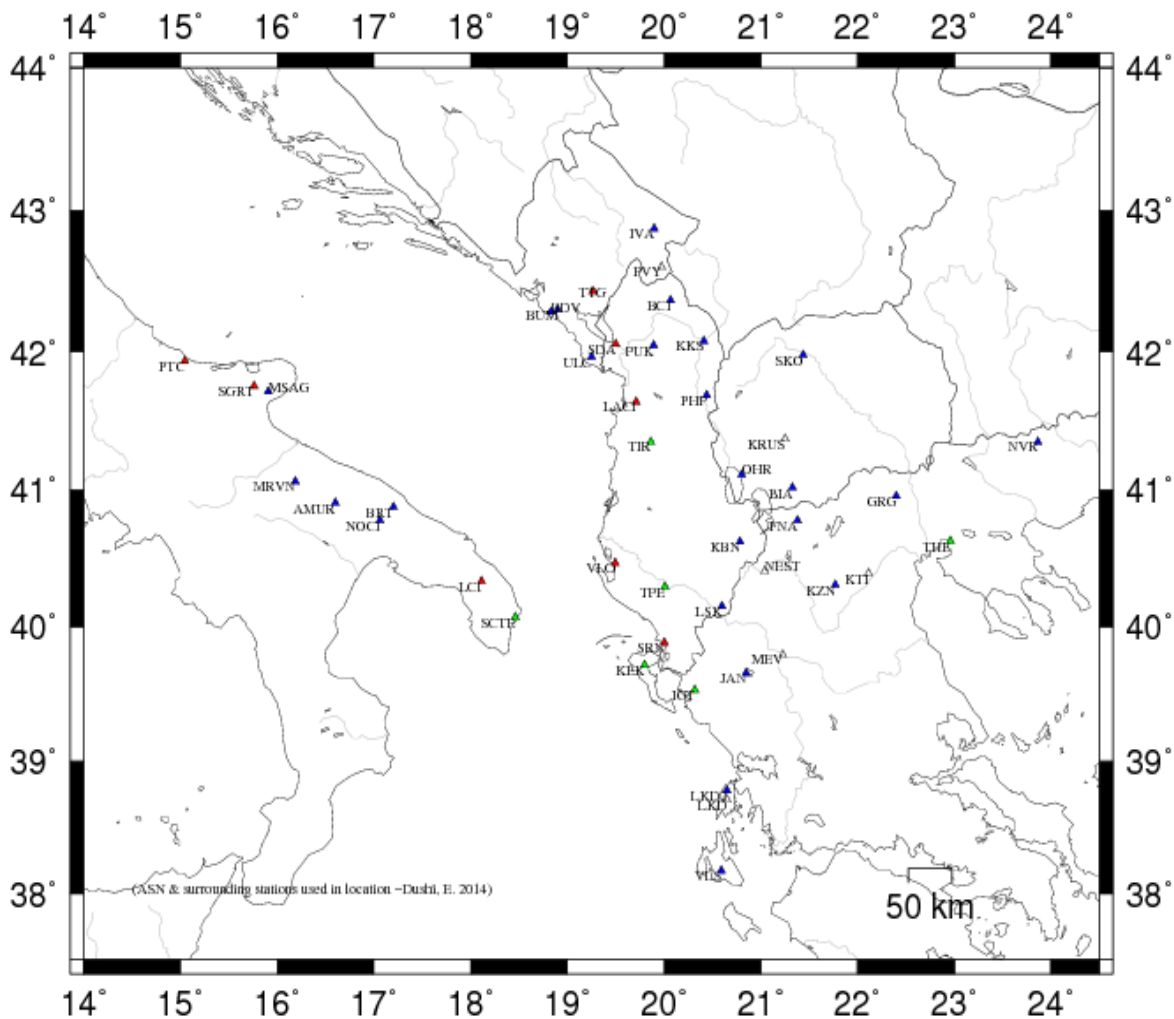
Kodi	Regjistruar (Po/Jo)	Gjer. Gjeo.	Gjat. Gjeo.	Lartesia	Tipi i stacionit	Sensori	Terheqja e Informacionit	Komunikimi	T <sub>0</sub>
Station Code	Registered (WDC)	Latitude (degree)	Longitude (degree)	Elev. (m)	Station type	Sensor type	Acquisition system	Communication	Nat.l Period (s)
MEV	Po (Y)	39.7850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

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)
BRT	Po (Y)	40.8778	17.2036	333	#	#	#	#	#
AMUR	Po (Y)	40.9071	16.6041	443	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
MSAG	Po (Y)	41.712	15.9096	890	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40/120
PTC	Po (Y)	41.7546	15.7437	960	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
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 përftuar**  
(Output parameter’s description)

**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 ( <i>km</i> ) [ <i>hypocenter depth in km</i> ]
RMS	Shmangia kuadratike mesatare për diferencat e peshuara të kohë-udhëtimit, për Fazat Sizmike, [ <i>root mean squarre for the weighted travel time residuals</i> ]
ERH	Gabimi horizontal në lokalizim (përafërsisht aksi maksimal i elipsit të gabimit në epiqendër), [ <i>horizontal location error, aproximately 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> ].
QGEO	Cilesia e katalogut bazuar ne gjeometrin e rrjetit sizmologjik [Quality rating based on station geometry]
QLOC	Cilesia e katalogut bazuar ne lokalizimin e ngjarjeve sizmike [Quality rating based on localization of seismic event]
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 konvergjimimin 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*].

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

STA	Kodi i stacionit me 5-karaktare (station code, max 5 characters). (*) –tregon se për këtë stacion është përdorur një model alternative shpejtësie [ <i>alternative crustal velocity model used for that station</i> ].
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 vlerësimit 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 korigjues 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 në amplitudë, [ <i>amplitude based magnitude weight code</i> ].
XMAG	Magnituda bazuar në amplitudë, 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-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-01 0454 16.16 40 24.72 20E 3.66 12.72 0.23 0.51 1.03 4.25 3.85 4.3

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 24 32 51.5 At1 70 10 0 18 8 21 A-B 4 0.11 L 7 0.05 D

ERROR ELLIPSE: <SERR AZ DIP>-< 1.05 147 77>-< 0.52 259 4>-< 0.35 349 11>

REGION= 13 km VL Tepelenë (NE of Tepelena, Albania)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
BPA2	AC	HHZ	15		51.5	314	99	P		25.77	9.61	9.57	0.00	0.04	1.03		0.344				
LSK	AC	HHZ	21		54.2	122	98	P		26.08	9.92	10.03	-0.13	0.02	1.03		0.136	1.00	142	3.80	D
LSK	AC	HNN	21		54.2	122	98	S		33.17	17.01	17.55	-0.23	-0.32	1.03S		0.273				
LSK	AC	HHE	21		54.2	122	98		6	0.00	-16.16	10.03	-0.13		0.00		0.000	1.00		108M .80	4.27 L
SRN	AC	HNZ	20		59.3	186	97	P		27.36	11.20	10.89	0.37	-0.06	1.03		0.183	1.00	95.0	3.39	D
SRN	AC	HHZ	20		59.3	186	97	S		36.02	19.86	19.06	0.65	0.16	1.03S		0.318				
SRN	AC	HNN	20		59.3	186	97		6	0.00	-16.16	10.89	0.37		0.00		0.000	1.00		56M .54	4.05 L
KBN	AC	HHZ	17		65.9	68	96	P		27.83	11.67	12.02	-0.47	0.12	1.03		0.166				
KBN	AC	HHE	17		65.9	68	96	S		36.54	20.38	21.03	-0.82	0.17	1.03S		0.363				
TIR	MN	HNN	0		105.2	352	78		6	0.00	-16.16	18.68	0.00		0.00		0.000	1.00		30M .54	4.23 L
								S		48.82	32.66	32.69	0.00	-0.03	1.03S		0.224				
FNA	HT	HHZ	1		119.3	69	68	P		36.43	20.27	20.99	0.00	-0.72*	0.61		0.037	1.00	151	3.90	D
FNA	HT	HNN	1		119.3	69	68	S		53.08	36.92	36.73	0.00	0.19	1.03S		0.329				
SCTE	IV	HHE	0		140.5	256	68	P		40.58	24.42	24.37	0.00	0.05	1.03		0.236	1.00	135	3.80	D
PUK	AC	HHZ	4		181.6	356	68	P		47.18	31.02	30.94	-0.13	0.21	1.03		0.101	1.00	145	3.90	D
PUK	AC	HNN	4		181.6	356	68	S		70.24	54.08	54.14	-0.23	0.16	1.03S		0.187				
ULC	ME	EHZ			185.2	339	68	P		46.51	30.35	31.51	0.00	-1.16*	0.00		0.000	1.00	137	3.85	D
LKD2	HT	HHZ	0		187.3	163	68	P		47.96	31.80	31.85	0.00	-0.05	1.03		0.152				
LKD2	HT	HNN	0		187.3	163	68	S		72.11	55.95	55.74	0.00	0.21	1.03S		0.428				
LKD2	HT	HHE	0		187.3	163	68		6	60.00	43.84	31.85	0.00		0.00		0.000	1.00		18M .57	4.55 L
BCI	AC	HHZ	1		217.1	0	50	P		52.02	35.86	36.31	-0.11	-0.34	1.03		0.111				
BCI	AC	HNN	1		217.1	0	50	S		79.64	63.48	63.54	-0.19	0.13	1.03S		0.313				
BUM	ME	EHZ			231.1	336	50	P		51.97	35.81	38.17	0.00	-2.36*	0.00		0.000	1.00	134	3.86	D
BEY	ME	EHZ			273.3	358	50	P		59.36	43.20	43.75	0.00	-0.55*	0.91		0.088				
BRY	ME	EHZ			304.0	336	50	P		60.57	44.41	47.81	0.00	-3.40*	0.00		0.000				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-02 0352 39.50 42 23.91 20E46.97 22.39 0.23 1.08 3.08 2.48 3.33 2.5



NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 15 19 59.0 At1 223 12 1 10 4 12 D-D 3 0.01 L 7 0.09 D

ERROR ELLIPSE: <SERR AZ DIP>-< 3.26 276 70>-< 0.99 41 11>-< 0.61 136 15>  
 REGION= 1.2 km nga Kostrce, Prizren, Kosovë (1.2 km from Kostrce, Prizren, Kosovo )

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
BCI	AC	HHN	1		59.0	267	90	SG		58.64	19.14	19.22	-0.19	0.12	1.10S		0.393				
BCI	AC	HHE	1		59.0	267	90		6	60.00	20.50	10.98	-0.11		0.00		0.000	1.00		1.430M .60	2.48 L
PVY	ME	EHZ			70.0	289	90	P		51.87	12.37	12.73	0.00	-0.36	1.10		0.275	1.00	90.0	3.35	D
PUK	AC	HHZ	4		83.4	243	90	PGU		54.18	14.68	14.88	-0.13	-0.07	1.10		0.190	1.00	79.0	3.22	D
PUK	AC	HHE	4		83.4	243	90	SG		64.99	25.49	26.04	-0.23	-0.32	1.10S		0.378				
PUK	AC	HHN	4		83.4	243	90		6	60.00	20.50	14.88	-0.13		0.00		0.000	1.00		0.790M .40	2.49 L
TIR	MN	HHZ	0		139.4	214	90	P		66.61	27.11	23.80	0.00	3.31*	0.00		0.000				
TIR	MN	HHN	0		139.4	214	90	S		81.46	41.96	41.65	0.00	0.31	1.10S		0.551				
TIR	MN	HHE	0		139.4	214	90		6	60.00	20.50	23.80	0.00		0.00		0.000	1.00		0.150M .50	2.17 L
PLE	ME	EHZ			153.6	313	90	P		64.36	24.86	26.06	0.00	-1.20*	0.01		0.000	1.00	91.0	3.41	D
BUM	ME	EHZ			155.5	267	90	P		65.91	26.41	26.37	0.00	0.04	1.10		0.168	1.00	55.0	2.91	D
UPM	ME	EHZ			177.4	301	90	P		69.49	29.99	29.86	0.00	0.13	1.10		0.392	1.00	90.0	3.42	D
FNA	HT	HHZ	1		186.4	164	62	P		70.85	31.35	31.15	0.00	0.20	1.10		0.397	1.00	82.0	3.33	D
FNA	HT	HHN	1		186.4	164	62	S		93.77	54.27	54.51	0.00	-0.24	1.10S		0.658				
HCY	ME	EHZ			188.9	273	62	P		71.26	31.76	31.51	0.00	0.25	1.10		0.592	1.00	67.0	3.13	D

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-03 1130 16.57 41 57.33 19E59.86 18.20 0.34 1.68 1.12 2.26 1.72 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  
 13 15 13.0 At1 183 12 0 10 2 11 D-C 4 0.25 L 3 0.09 D

ERROR ELLIPSE: <SERR AZ DIP>-< 1.72 101 11>-< 1.23 346 64>-< 0.89 197 21>  
 REGION= 0.9 km nga Gojani i Vogël, Shkodër, Albania (0.9 km from Gojani i Vogël, Shkodër, Albania )

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
PUK	AC	HHZ	4		13.0	319	141	P		20.22	3.65	4.04	-0.13	-0.26	1.15		0.231	1.00	17.0	1.63	D
PUK	AC	HHN	4		13.0	319	141		6	0.00	-16.57	4.04	-0.13		0.00		0.000	1.00		4.630M .14	2.59 L
								S		23.70	7.13	7.07	-0.23	0.29	1.15S		0.735				
PUK	AC	HHE	4		13.0	319	141		6	0.00	-16.57	4.04	-0.13		0.00		0.000	1.00		3.720M .28	2.49 L
BCI	AC	HHZ	1		46.0	7	105	P		24.81	8.24	8.82	-0.11	-0.47	1.11		0.340				
BCI	AC	HHE	1		46.0	7	105		6	0.00	-16.57	8.82	-0.11		0.00		0.000	1.00		0.730M .21	2.02 L
								S		31.94	15.37	15.43	-0.19	0.13	1.15S		0.602				
BCI	AC	HHN	1		46.0	7	105		6	0.00	-16.57	8.82	-0.11		0.00		0.000	1.00		0.720M .31	2.01 L
ULC	ME	EHZ			62.0	272	99	P		27.64	11.07	11.45	0.00	-0.38	1.15		0.297	1.00	25.0	2.05	D
TIR	MN	HHZ	0		68.4	190	98	P		29.33	12.76	12.50	0.00	0.26	1.15		0.895	1.00	18.0	1.72	D
PVY	ME	EHZ			71.1	359	97	P		28.56	11.99	12.95	0.00	-0.96*	0.06		0.000				
BUM	ME	EHZ			98.5	294	71	P		33.85	17.28	17.37	0.00	-0.09	1.15		0.287				
NKME	ME	EHZ			124.3	317	71	P		38.38	21.81	21.49	0.00	0.32	1.15		0.259				
HCY	ME	EHZ			136.1	295	71	P		39.27	22.70	23.37	0.00	-0.67*	0.68		0.100				
BRY	ME	EHZ			159.4	312	71	P		44.10	27.53	27.08	0.00	0.45	1.12		0.248				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-03 1438 30.61 40 14.20 20E41.48 4.39 0.07 1.46 0.89 1.37 1.97

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 10 14 12.5 At1 177 13 0 6 3 7 C-A 7 0.16 L 1 0.00 D

ERROR ELLIPSE: <SERR AZ DIP>-< 1.71 131 31>-< 0.76 287 56>-< 0.26 34 11>  
 REGION= Gërmenjë, 13 Km V-L Leskovik,Rajoni Kolonje ( Gërmenjë, 13 Km N-E Leskovik, Kolonja region Albania, Albania)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
LSK	AC	HHN	21		12.5	220	104		6	0.00-30.61	2.68-0.13			0.00		0.000	1.00		8.840M .15	2.64 L	
								S		35.05 4.44	4.69-0.23		-0.02	1.12S		0.964					
LSK	AC	HHE	21		12.5	220	104		6	0.00-30.61	2.68-0.13			0.00		0.000	1.00		5.020M .15	2.40 L	
KBN	AC	HHZ	17		43.7	10	62	P		38.49 7.88	8.29-0.47		0.06	1.12		0.327					
KBN	AC	HHE	17		43.7	10	62		6	0.00-30.61	8.29-0.47			0.00		0.000	1.00		0.270M .40	1.53 L	
								S		44.26 13.65	14.51-0.82		-0.04	1.12S		0.739					
SRN	AC	HHZ	20		71.0	237	62	P		44.33 13.72	12.97 0.37		0.38	0.38		0.038	1.00	23.0	1.97 D		
SRN	AC	HHE	20		71.0	237	62		6	0.00-30.61	12.97 0.37			0.00		0.000	1.00		0.060M .30	1.24 L	
								S		53.94 23.33	22.70 0.65		-0.01	1.12S		0.968					
SRN	AC	HHN	20		71.0	237	62		6	0.00-30.61	12.97 0.37			0.00		0.000	1.00		0.080M .36	1.37 L	
FNA	HT	HHZ	1		84.3	43	62	P		45.85 15.24	15.26 0.00		-0.02	1.12		0.960					
FNA	HT	HHN	1		84.3	43	62		6	0.00-30.61	15.26 0.00			0.00		0.000	1.00		0.060M .14	1.36 L	
								S		56.48 25.87	26.70 0.00		-0.83*	0.00S		0.000					
FNA	HT	HHE	1		84.3	43	62		6	0.00-30.61	15.26 0.00			0.00		0.000	1.00		0.040M .11	1.18 L	

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-04 1452 37.54 41 56.64 20E 1.25 19.68 0.24 1.53 0.91 2.16 2.55 2.2

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 15 18 15.3 At1 188 8 0 10 2 12 C-A 3 0.44 L 2 0.06 D

ERROR ELLIPSE: <SERR AZ DIP>-< 1.55 280 10>-< 1.06 29 59>-< 0.67 185 28>  
 REGION= Gjegjan, Pukë (Gjegjan,Puka Region, Albania)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
PUK	AC	HHZ	4		15.3	316	139	P		41.76 4.22	4.47-0.13		-0.12	1.01		0.303	1.00	45.0	2.61 D		
PUK	AC	HHN	4		15.3	316	139		S	45.25 7.71	7.82-0.23		0.11	1.01S		0.684					
PUK	AC	HHE	4		15.3	316	139		6	0.00-37.54	4.47-0.13			0.00		0.000	1.00		4.730M .34	2.63 L	
BCI	AC	HHZ	1		47.1	4	107	P		46.47 8.93	9.07-0.11		-0.03	1.01		0.392	1.00	39.0	2.49 D		
BCI	AC	HHN	1		47.1	4	107		S	51.24 13.70	15.87-0.19		-1.98*	0.00S		0.000					
BCI	AC	HHE	1		47.1	4	107		6	0.00-37.54	9.07-0.11			0.00		0.000	1.00		0.960M .43	2.16 L	
ULC	ME	EHZ			64.0	273	71	P		49.17 11.63	11.79 0.00		-0.16	1.01		0.301					
TIR	MN	HHN	0		67.5	192	71	S		59.21 21.67	21.61 0.00		0.06	1.01S		0.956					
TIR	MN	HHZ	0		67.5	192	71	P		48.04 10.50	12.35 0.00		-1.85*	0.00		0.000					
TIR	MN	HHE	0		67.5	192	71		6	0.00-37.54	12.35 0.00			0.00		0.000	1.00		0.190M .28	1.72 L	
PVY	ME	EHZ			72.4	357	71	P		50.36 12.82	13.14 0.00		-0.32	1.01		0.342					
BUM	ME	EHZ			100.8	294	71	P		55.47 17.93	17.66 0.00		0.27	1.01		0.268					

BEY	ME	EHZ	103.3	355	71	P	55.97	18.43	18.07	0.00	0.36	1.01	0.320
HCY	ME	EHZ	138.4	295	71	P	60.73	23.19	23.66	0.00	-0.47	0.89	0.205
BRY	ME	EHZ	161.7	312	71	P	65.14	27.60	27.37	0.00	0.23	1.01	0.224

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH-M	RMS	ERH	ERZ	XMAG1	FMAG1	PMAG
2018-12-04	1455	35.01	41	57.05	19E56.92	17.44	0.02	2.03	0.53	1.54	2.08	1.5

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
8	10	11.2	At1	284	6	0	6	2	6	D-B	2	0.33	L	2	0.22	D

ERROR ELLIPSE: <SERR AZ DIP><< 2.03 135 1><< 0.76 44 44><< 0.51 226 45>  
 REGION= Gjegjan, Pukë (Gjegjan,Puka Region, Albania)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE	
PUK	AC	HHZ	4		11.2	336	144	P		38.61	3.60	3.75-0.13	-0.02	1.00		0.623	1.00	33.0	2.29	D		
PUK	AC	HHN	4		11.2	336	144	S		41.37	6.36	6.56-0.23	0.03	1.00S		0.876						
PUK	AC	HHE	4		11.2	336	144		6	0.00-35.01	3.75-0.13			0.00		0.000	1.00		0.940M	.11	1.87	L
BCI	AC	HHZ	1		47.2	11	103	P		43.91	8.90	8.98-0.11	0.03	1.00		0.623	1.00	21.0	1.86	D		
BCI	AC	HHN	1		47.2	11	103	S		50.52	15.51	15.71-0.19	-0.01	1.00S		0.876						
BCI	AC	HHE	1		47.2	11	103		6	0.00-35.01	8.98-0.11			0.00		0.000	1.00		0.110M	.28	1.21	L
BUM	ME	EHZ			95.0	295	71	P		51.89	16.88	16.85	0.00	0.03	1.00		0.501					
HCY	ME	EHZ			132.6	296	71	P		57.85	22.84	22.86	0.00	-0.02	1.00		0.499					

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH-M	RMS	ERH	ERZ	XMAG1	FMAG1	PMAG
2018-12-04	1520	31.31	41	53.26	20E 3.48	16.62	0.03	1.71	0.70	1.61	1.94	1.6

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
9	11	22.0	At1	296	7	0	7	2	7	D-A	2	0.20	L	2	0.23	D

ERROR ELLIPSE: <SERR AZ DIP><< 1.84 318 22><< 0.90 71 44><< 0.58 210 37>  
 REGION= Gjegjan, Pukë (Gjegjan,Puka Region, Albania)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE	
PUK	AC	HHZ	4		22.0	322	122	P		36.21	4.90	4.99-0.13	0.04	1.00		0.614	1.00	29.0	2.17	D		
PUK	AC	HHN	4		22.0	322	122	S		39.79	8.48	8.73-0.23	-0.02	1.00S		0.876						
PUK	AC	HHE	4		22.0	322	122		6	0.00-31.31	4.99-0.13			0.00		0.000	1.00		0.700M	.11	1.81	L
BCI	AC	HHZ	1		53.2	0	99	P		41.10	9.79	9.94-0.11	-0.04	1.00		0.622	1.00	18.0	1.71	D		
BCI	AC	HHN	1		53.2	0	99	S		48.54	17.23	17.39-0.19	0.03	1.00S		0.849						
BCI	AC	HHE	1		53.2	0	99		6	0.00-31.31	9.94-0.11			0.00		0.000	1.00		0.150M	.15	1.41	L
BUM	ME	EHZ			106.2	296	71	P		50.00	18.69	18.68	0.00	0.01	1.00		0.359					
HCY	ME	EHZ			143.9	297	71	P		56.00	24.69	24.69	0.00	0.00	1.00		0.354					
BRY	ME	EHZ			168.1	313	71	P		59.87	28.56	28.56	0.00	0.00	1.00		0.322					

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH-M	RMS	ERH	ERZ	XMAG1	FMAG1	PMAG
2018-12-04	1523	34.39	41	55.16	20E 8.73	3.86	0.06	1.11	1.53	1.54	1.98	1.5

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 8 10 25.0 At1 300 15 0 6 2 6 D-B 2 0.30 L 1 0.00 D

ERROR ELLIPSE: <SERR AZ DIP>-< 1.89 269 53>-< 0.97 160 13>-< 0.60 61 32>  
 REGION= Gjegjan, Pukë (Gjegjan,Puka Region, Albania)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
PUK	AC	HHZ	4		25.0	304	94	P		39.37	4.98	5.07-0.13		0.04	1.00		0.622	1.00	24.0	1.98	D
PUK	AC	HHN	4		25.0	304	94	S		43.03	8.64	8.87-0.23		-0.01	1.00S		0.875				
PUK	AC	HHE	4		25.0	304	94		6	0.00-34.39	5.07-0.13			0.00		0.000	1.00		0.840M	.07	1.83 L
BCI	AC	HHZ	1		50.1	353	62	P		43.66	9.27	9.43-0.11		-0.05	1.00		0.618				
BCI	AC	HHN	1		50.1	353	62	S		50.67	16.28	16.50-0.19		-0.03	1.00S		0.863				
BCI	AC	HHE	1		50.1	353	62		6	0.00-34.39	9.43-0.11			0.00		0.000	1.00		0.120M	.30	1.24 L
BUM	ME	EHZ			111.4	293	62	P		54.26	19.87	19.95	0.00	-0.08	1.00		0.604				
BRY	ME	EHZ			171.3	311	55	P		64.44	30.05	29.95	0.00	0.10	0.98		0.416				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-04 2059 17.58 40 23.90 20E 4.97 18.50 0.14 0.34 1.18 1.80 2.05 1.8

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 19 27 50.4 At1 93 9 0 12 7 15 B-A 9 0.26 L 3 0.11 D

ERROR ELLIPSE: <SERR AZ DIP>-< 1.21 212 75>-< 0.35 13 13>-< 0.30 104 4>  
 REGION= 12 Km V-L Tepelenë (12 Km N-E of Tepelena, Albania)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
VLO	AC	HHZ	16		50.4	280	104	P		26.46	8.88	9.55-0.70		0.03	1.08		0.186	1.00	22.0	1.91	D
VLO	AC	HHN	16		50.4	280	104		6	0.00-17.58	9.55-0.70			0.00		0.000	1.00		1.060M	.18	2.23 L
VLO	AC	HHE	16		50.4	280	104		6	0.00-17.58	9.55-0.70			0.00		0.000	1.00		1.570M	.25	2.40 L
LSK	AC	HHZ	21		51.8	122	103	P		27.42	9.84	9.78-0.13		0.19	1.08		0.146	1.00	28.0	2.16	D
LSK	AC	HHE	21		51.8	122	103		6	0.00-17.58	9.78-0.13			0.00		0.000	1.00		0.210M	.51	1.54 L
LSK	AC	HHN	21		51.8	122	103		6	0.00-17.58	9.78-0.13			0.00		0.000	1.00		0.380M	.63	1.80 L
BPA2	AC	HHZ	15		53.9	314	102	P		28.54	10.96	10.11	0.00	0.85*	0.00		0.000				
BPA2	AC	HHN	15		53.9	314	102	S		35.30	17.72	17.69	0.00	0.03	1.08S		0.440				
SRN	AC	HHZ	20		58.0	187	101	P		28.87	11.29	10.79	0.37	0.13	1.08		0.246	1.00	25.0	2.05	D
SRN	AC	HHN	20		58.0	187	101		6	0.00-17.58	10.79	0.37		0.00		0.000	1.00		0.080M	.28	1.20 L
SRN	AC	HHE	20		58.0	187	101		6	0.00-17.58	10.79	0.37		0.00		0.000	1.00				
KBN	AC	HHZ	17		64.7	67	99	P		29.07	11.49	11.91-0.47		0.05	1.08		0.171				
KBN	AC	HHN	17		64.7	67	99	S		37.49	19.91	20.84-0.82		-0.11	1.08S		0.504				
KBN	AC	HHE	17		64.7	67	99		6	0.00-17.58	11.91-0.47			0.00		0.000	1.00		0.170M	.31	1.63 L
FNA	HT	HHZ	1		118.1	68	71	P		38.06	20.48	20.48	0.00	-0.00	1.08		0.220				
FNA	HT	HHE	1		118.1	68	71		6	0.00-17.58	20.48	0.00		0.00		0.000	1.00		0.050M	.40	1.54 L
FNA	HT	HHE	1		118.1	68	71		6	0.00-17.58	20.48	0.00		0.00		0.000	1.00				
FNA	HT	HHE	1		118.1	68	71		S	53.15	35.57	35.84	0.00	-0.27	1.06S		0.410				

SCTE	IV	HHN	0	141.9	256	71		6	0.00-17.58	24.28	0.00		0.00	0.000	1.00		0.140M	.30	2.15	L
							S		58.86	41.28	42.49	0.00	-1.21*	0.00S	0.000					
PUK	AC	HHZ	4	183.3	356	71	P		48.95	31.37	30.88-0.13		0.62*	0.08	0.001					
PUK	AC	HHN	4	183.3	356	71	S		71.57	53.99	54.04-0.23		0.18	1.08S	0.497					
PUK	AC	HHE	4	183.3	356	71		6	60.00	42.42	30.88-0.13			0.00	0.000	1.00	0.050M	.43	1.96	L

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH-M	RMS	ERH	ERZ	XMAG1	FMAG1	PMAG
2018	12	05	1134	27.37	41 52.57	20E 6.95	18.41	0.04	0.37	0.62	2.23	2.08 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
14	18	26.2	At1	142	8	0	13	4	14	C-A	4 0.27 L	3 0.25 D			

ERROR ELLIPSE: <SERR AZ DIP>-< 0.72 267 59>-< 0.42 67 28>-< 0.23 162 8>  
 REGION= 1.5 km ne VL te Nenshejt, Rajoni Mirdite(1.5 km ne VL te Nenshejt, Mirdita Region, Albania)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE		
PUK	AC	HHZ	4		26.2	316	120	P		33.01	5.64	5.74-0.13		0.03	1.08		0.191	1.00	16.0	1.57	D		
PUK	AC	HHN	4		26.2	316	120		6	0.00-27.37	5.74-0.13			0.00			0.000	1.00		5.360M	.14	2.74	L
								S		37.12	9.75	10.05-0.23		-0.07	1.08S		0.439						
BCI	AC	HHN	1		54.6	356	102		6	0.00-27.37	10.23-0.11			0.00			0.000	1.00		0.970M	.28	2.24	L
								S		45.10	17.73	17.90-0.19		0.02	1.08S		0.394						
BCI	AC	HHZ	1		54.6	356	102	P		37.57	10.20	10.23-0.11		0.08	1.08		0.194	1.00	26.0	2.08	D		
TIR	MN	HHN	0		62.3	200	100		6	0.00-27.37	11.50	0.00		0.00			0.000	1.00		0.200M	.20	1.66	L
								S		47.52	20.15	20.12	0.00	0.03	1.08S		0.538						
TIR	MN	HHZ	0		62.3	200	100	P		38.87	11.50	11.50	0.00	0.00	1.08		0.237	1.00	33.0	2.33	D		
PVY	ME	EHZ			80.7	352	71	P		41.85	14.48	14.52	0.00	-0.04	1.08		0.181						
BUM	ME	EHZ			111.1	296	71	P		46.73	19.36	19.36	0.00	0.00	1.08		0.323						
BEY	ME	EHZ			111.8	351	71	P		46.86	19.49	19.48	0.00	0.01	1.08		0.180						
NKME	ME	EHZ			137.5	317	71	P		50.95	23.58	23.58	0.00	0.00	1.08		0.235						
HCY	ME	EHZ			148.7	296	71	P		52.47	25.10	25.37	0.00	-0.27	0.00		0.000						
FNA	HT	HHZ	1		161.4	138	71	P		54.74	27.37	27.39	0.00	-0.02	1.08		0.279						
FNA	HT	HHN	1		161.4	138	71		6	60.00	32.63	27.39	0.00		0.00		0.000	1.00		0.120M	.34	2.21	L
								S		75.26	47.89	47.93	0.00	-0.04	1.08S		0.550						
BRY	ME	EHZ			172.5	312	71	P		56.55	29.18	29.17	0.00	0.01	1.08		0.254						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH-M	RMS	ERH	ERZ	XMAG1	FMAG1	PMAG
2018	12	07	1732	55.28	40 24.04	20E 3.14	15.12	0.20	0.40	1.25	2.66	2.78 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
22	31	47.9	At1	71	9	0	17	8	19	A-B	10 0.26 L	2 0.06 D			

ERROR ELLIPSE: <SERR AZ DIP>-< 1.28 195 78>-< 0.41 63 7>-< 0.36 331 8>  
 REGION= 8 Km L Memaliaj, 11 km L Tepelenë (8 Km E Memaliaj, 11 Km E of Tepelena, Albania)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
VLO	AC	HHZ	16		47.9	280	98	P		63.81	8.53	9.01-0.70		0.22	1.05		0.198				
VLO	AC	HHN	16		47.9	280	98		6	60.00	4.72	9.01-0.70			0.00		0.000	1.00		7.910M	.43 3.06 L
								S		70.34	15.06	15.77-1.23		0.52*	0.38S		0.050				
VLO	AC	HHE	16		47.9	280	98		6	60.00	4.72	9.01-0.70			0.00		0.000	1.00		4.770M	.25 2.84 L
BPA2	AC	HHZ	15		51.8	316	96	P		64.81	9.53	9.68 0.00		-0.15	1.05		0.217				
BPA2	AC	HHN	15		51.8	316	96	S		72.19	16.91	16.94 0.00		-0.03	1.05S		0.446				
LSK	AC	HHZ	21		54.2	120	95	P		64.90	9.62	10.07-0.13		-0.32	0.99		0.186	1.00	55.0	2.84 D	
LSK	AC	HHN	21		54.2	120	95		6	60.00	4.72	10.07-0.13			0.00		0.000	1.00		1.450M	.36 2.40 L
								S		72.99	17.71	17.62-0.23		0.31	0.98S		0.345				
LSK	AC	HHE	21		54.2	120	95		6	60.00	4.72	10.07-0.13			0.00		0.000	1.00		1.320M	.50 2.36 L
SRN	AC	HHZ	20		58.0	185	94	P		66.21	10.93	10.71 0.37		-0.15	1.05		0.183	1.00	49.0	2.72 D	
SRN	AC	HHE	20		58.0	185	94		6	60.00	4.72	10.71 0.37			0.00		0.000	1.00		0.590M	.28 2.06 L
								S		74.58	19.30	18.74 0.65		-0.09	1.05S		0.356				
TIR	MN	HHE	0		106.3	352	71		6	60.00	4.72	18.79 0.00			0.00		0.000	1.00		0.440M	.41 2.40 L
								S		88.24	32.96	32.88 0.00		0.08	1.05S		0.207				
FNA	HT	HHZ	1		120.4	68	71	P		76.39	21.11	21.03 0.00		0.08	1.05		0.151				
FNA	HT	HHE	1		120.4	68	71	S		92.25	36.97	36.80 0.00		0.17	1.05S		0.347				
FNA	HT	HHN	1		120.4	68	71		6	60.00	4.72	21.03 0.00			0.00		0.000	1.00		0.420M	.36 2.48 L
SCTE	IV	HHZ	0		139.5	256	71	P		79.50	24.22	24.07 0.00		0.15	1.05		0.180				
SCTE	IV	HHE	0		139.5	256	71		6	60.00	4.72	24.07 0.00			0.00		0.000	1.00		0.950M	.47 2.96 L
								S		97.54	42.26	42.12 0.00		0.14	1.05S		0.512				
PUK	AC	HHZ	4		182.8	356	71	P		85.91	30.63	30.99-0.13		-0.23	1.05		0.098				
PUK	AC	HHE	4		182.8	356	71		6	60.00	4.72	30.99-0.13			0.00		0.000	1.00		0.380M	.50 2.84 L
								S		109.43	54.15	54.23-0.23		0.15	1.05S		0.211				
ULC	ME	EHZ			186.2	340	71	P		85.07	29.79	31.52 0.00		-1.73*	0.00		0.000				
BCI	AC	HHZ	1		218.3	0	51	P		91.19	35.91	36.22-0.11		-0.20	1.05		0.163				
BCI	AC	HHN	1		218.3	0	51		6	60.00	4.72	36.22-0.11			0.00		0.000	1.00		0.280M	.50 2.90 L
								S		119.72	64.44	63.38-0.19		1.25*	0.00S		0.000				
BUM	ME	EHZ			231.9	336	51	P		92.97	37.69	38.02 0.00		-0.33	0.97		0.144				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
2018-12-08 0657 28.43 40 23.75 20E 3.10 12.12 0.16 0.41 1.26 2.61 2.6

NSTA NPBS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
13 20 54.0 At1 96 8 0 11 7 13 B-B 6 0.24 L 4 0.11 D

ERROR ELLIPSE: <SERR AZ DIP><< 1.32 158 71><< 0.35 268 6><< 0.27 0 16>  
REGION= 7km v-l Memaliaj , Region Memaliaj Albania

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
LSK	AC	HHZ	21		54.0	120	97	PG		37.68	9.25	9.97-0.13		-0.59*	0.23		0.008	1.00	45.0	2.64 D	
LSK	AC	HHE	21		54.0	120	97		6	0.00	-28.43	9.97-0.13			0.00		0.000	1.00			
								SG		45.76	17.33	17.45-0.23		0.11	1.28S		0.460				
SRN	AC	HHZ	20		57.4	185	97	PG		39.47	11.04	10.57 0.37		0.10	1.28		0.254	1.00	42.0	2.57 D	
SRN	AC	HHE	20		57.4	185	97		6	0.00	-28.43	10.57 0.37			0.00		0.000	1.00			
								SG		47.43	19.00	18.50 0.65		-0.14	1.28S		0.392				
TIR	MN	HHE	0		106.9	352	78		6	60.00	31.57	18.98 0.00			0.00		0.000	1.00			
								SG		61.55	33.12	33.22 0.00		-0.10	1.28S		0.662				

FNA	HT	HHZ	1	120.6	68	68	PG	49.40	20.97	21.25	0.00	-0.28	1.27	0.172	1.00	50.0	2.79	D
FNA	HT	HHN	1	120.6	68	68		60.00	31.57	21.25	0.00		0.00	0.000	1.00			
							SG	65.66	37.23	37.19	0.00	0.04	1.28S	0.502				
SCTE	IV	HHZ	0	139.3	256	68	PN	52.98	24.55	24.22	0.00	0.33	1.20	0.198				
SCTE	IV	HHN	0	139.3	256	68		60.00	31.57	24.22	0.00		0.00	0.000	1.00			
							SN	70.67	42.24	42.38	0.00	-0.15	1.28S	0.557				
PUK	AC	HHZ	4	183.4	356	68	PN	58.82	30.39	31.25	-0.13	-0.73*	0.00	0.000	1.00	25.0	2.13	D
PUK	AC	HHE	4	183.4	356	68		60.00	31.57	31.25	-0.13		0.00	0.000	1.00			
							SN	82.95	54.52	54.69	-0.23	0.06	1.28S	0.319				
BCI	AC	HHZ	1	218.9	0	50	PN	64.30	35.87	36.62	-0.11	-0.64*	0.10	0.000				
BCI	AC	HHN	1	218.9	0	50	SN	92.37	63.94	64.08	-0.19	0.05	1.28S	0.468				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH-M	RMS	ERH	ERZ	XMAG1	FMAG1	PMAG
2018	12	09	2126	49.30	40 24.00	20E 3.22	16.20	0.14	0.32	0.91	2.40	2.48 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
19	28	48.0	Atl	71	9	0	15	9	17	A-A	8 0.24 L	4 0.14 D			

ERROR ELLIPSE: <SERR AZ DIP>-< 0.95 201 73>-< 0.32 66 11>-< 0.28 332 11>  
 REGION= 8 Km L Memaliaj, 11 km v Tepelenë (8 Km E Memaliaj, 11 Km N of Tepelena, Albania)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
VLO	AC	HHZ	16		48.0	280	100	P	57.96	8.66	9.06	-0.70	0.30	0.68	0.075	1.00	31.0	2.26	D		
VLO	AC	HHN	16		48.0	280	100		60.00	10.70	9.06	-0.70		0.00	0.000	1.00				8.430M .21	3.09 L
								S	63.94	14.64	15.85	-1.23	0.01	1.07S	0.366						
BPA2	AC	HHZ	15		52.0	316	99	P	58.43	9.13	9.73	0.00	-0.60*	0.00	0.000	1.00	42.0	2.57	D		
BPA2	AC	HHN	15		52.0	316	99		66.29	16.99	17.03	0.00	-0.04	1.07S	0.452						
BPA2	AC	HHE	15		52.0	316	99		60.00	10.70	9.73	0.00		0.00	0.000	1.00				1.100M .23	2.26 L
LSK	AC	HHZ	21		54.0	120	98	P	59.00	9.70	10.07	-0.13	-0.24	0.94	0.161	1.00	46.0	2.66	D		
LSK	AC	HHN	21		54.0	120	98		60.00	10.70	10.07	-0.13		0.00	0.000	1.00				0.930M .15	2.21 L
								S	66.77	17.47	17.62	-0.23	0.07	1.07S	0.391						
SRN	AC	HHZ	20		57.9	185	97	P	60.25	10.95	10.71	0.37	-0.13	1.07	0.193	1.00	35.0	2.38	D		
SRN	AC	HHE	20		57.9	185	97		60.00	10.70	10.71	0.37		0.00	0.000	1.00				0.600M .43	2.07 L
								S	68.72	19.42	18.74	0.65	0.03	1.07S	0.375						
TIR	MN	HHZ	0		106.4	352	71	P	67.75	18.45	18.74	0.00	-0.29	0.73	0.047						
TIR	MN	HHE	0		106.4	352	71		60.00	10.70	18.74	0.00		0.00	0.000	1.00				0.340M .30	2.29 L
								S	82.22	32.92	32.79	0.00	0.13	1.07S	0.197						
FNA	HT	HHZ	1		120.3	68	71	P	70.51	21.21	20.96	0.00	0.25	0.91	0.109						
FNA	HT	HHN	1		120.3	68	71		85.99	36.69	36.68	0.00	0.01	1.07S	0.312						
SCTE	IV	HHZ	0		139.6	256	71	P	73.90	24.60	24.03	0.00	0.57*	0.00	0.000						
SCTE	IV	HHE	0		139.6	256	71		60.00	10.70	24.03	0.00		0.00	0.000	1.00				0.700M .31	2.83 L
								S	91.38	42.08	42.05	0.00	0.03	1.07S	0.607						
PUK	AC	HHZ	4		182.9	356	71	P	80.24	30.94	30.94	-0.13	0.13	1.07	0.104						
PUK	AC	HHN	4		182.9	356	71		60.00	10.70	30.94	-0.13		0.00	0.000	1.00				0.180M .37	2.51 L
								S	103.06	53.76	54.14	-0.23	-0.16	1.07S	0.201						
BCI	AC	HHN	1		218.4	0	51	S	112.26	62.96	63.21	-0.19	-0.06	1.07S	0.402						
BCI	AC	HHE	1		218.4	0	51		60.00	10.70	36.12	-0.11		0.00	0.000	1.00				0.170M .47	2.69 L

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-10 0032 7.14 39 59.52 19E55.12 26.94 0.13 0.46 0.59 2.88 2.69 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  
 19 27 14.3 At1 125 14 0 15 7 17 B-A 7 0.24 L 3 0.38 D

ERROR ELLIPSE: <SERR AZ DIP>-< 0.74 181 52>-< 0.37 64 19>-< 0.31 321 31>  
 REGION= Lukovë, 17 Km V-VP Sarandë (Lukovë, 17 Km N-NW Sarandë, Albania )

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE		
SRN	AC	HHZ	20		14.3	150	149	P		12.78	5.64	5.31	0.37	-0.04	1.18		0.246	1.00	28.0	2.13	D		
SRN	AC	HHE	20		14.3	150	149		6	0.00	-7.14	5.31	0.37		0.00		0.000	1.00		6.710M	.46	2.88	L
								S		17.13	9.99	9.29	0.65	0.05	1.18S		0.472						
LSK	AC	HHZ	21		60.6	72	105	P		18.31	11.17	11.42	-0.13	-0.12	1.18		0.201	1.00	69.0	3.07	D		
LSK	AC	HHE	21		60.6	72	105		6	0.00	-7.14	11.42	-0.13		0.00		0.000	1.00		1.640M	.41	2.58	L
								S		26.96	19.82	19.99	-0.23	0.06	1.18S		0.417						
VLO	AC	HHZ	16		64.0	326	104	P		18.08	10.94	11.94	-0.70	-0.30	1.18		0.113	1.00	47.0	2.69	D		
VLO	AC	HHN	16		64.0	326	104		6	0.00	-7.14	11.94	-0.70		0.00		0.000	1.00		7.560M	.15	3.29	L
								S		26.85	19.71	20.89	-1.23	0.04	1.18S		0.405						
BPA2	AC	HHZ	15		85.8	343	99	P		21.65	14.51	15.35	0.00	-0.84*	0.23		0.003						
BPA2	AC	HHE	15		85.8	343	99		S	34.08	26.94	26.86	0.00	0.08	1.18S		0.392						
SCTE	IV	HHZ	0		124.1	275	94	P		28.62	21.48	21.41	0.00	0.07	1.18		0.272						
SCTE	IV	HHN	0		124.1	275	94		6	0.00	-7.14	21.41	0.00		0.00		0.000	1.00		1.310M	.18	3.01	L
								S		44.68	37.54	37.47	0.00	0.07	1.18S		0.464						
TIR	MN	HHE	0		150.6	359	76		S	51.94	44.80	44.78	0.00	0.02	1.18S		0.233						
TIR	MN	HHN	0		150.6	359	76		6	0.00	-7.14	25.59	0.00		0.00		0.000	1.00		0.600M	.47	2.85	L
FNA	HT	HHZ	1		152.2	54	76	P		33.76	26.62	25.84	0.00	0.78*	0.35		0.020						
FNA	HT	HHN	1		152.2	54	76		6	0.00	-7.14	25.84	0.00		0.00		0.000	1.00		0.240M	.46	2.46	L
								S		53.32	46.18	45.22	0.00	0.96*	0.03S		0.000						
ULC	ME	EHZ			226.1	346	56	P		41.28	34.14	36.12	0.00	-1.98*	0.00		0.000						
PUK	AC	HHZ	4		227.7	0	56	P		43.28	36.14	36.34	-0.13	-0.07	1.18		0.209						
BCI	AC	HHZ	1		264.0	2	56	P		48.20	41.06	41.14	-0.11	0.03	1.18		0.211						
BCI	AC	HHE	1		264.0	2	56		S	78.97	71.83	71.99	-0.19	0.03	1.18S		0.332						
BCI	AC	HHN	1		264.0	2	56		6	60.00	52.86	41.14	-0.11		0.00		0.000	1.00		0.280M	1.08	3.12	L

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-12 2209 3.76 41 25.00 19E55.93 14.14 0.11 0.43 0.56 1.95 2.39 2.0

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 21 27 9.5 At1 113 10 0 15 6 18 B-A 6 0.14 L 2 0.09 D

ERROR ELLIPSE: <SERR AZ DIP>-< 0.71 261 52>-< 0.45 73 37>-< 0.24 165 3>  
 REGION= Zall Bastar, 14 Km V-L Tiranë ( Zall Bastar, 14 Km N-E Tirana, Tirana Region, Albania)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE		
TIR	MN	HHE	0		9.5	217	142	S		9.17	5.41	5.49	0.00	-0.09	1.10S		0.929						
TIR	MN	HHN	0		9.5	217	142		6	0.00	-3.76	3.14	0.00		0.00		0.000	1.00		2.120M	.40	2.14	L



PUK	AC	HHZ	4	69.6	358	90	P	16.71	12.95	12.65-0.13	0.43	0.02	0.000	1.00	32.0	2.30	D		
PUK	AC	HHN	4	69.6	358	90	S	0.00	-3.76	12.65-0.13		0.00	0.000	1.00				0.300M	.20 1.94 L
								25.86	22.10	22.14-0.23	0.19	1.06S	0.222						
PUK	AC	HHE	4	69.6	358	90	S	0.00	-3.76	12.65-0.13		0.00	0.000	1.00				0.210M	.11 1.78 L
ULC	ME	EHZ		83.2	318	90	P	18.67	14.91	14.93 0.00	-0.02	1.10	0.173						
BCI	AC	HHZ	1	106.1	6	90	P	22.47	18.71	18.78-0.11	0.04	1.10	0.144	1.00	37.0	2.47	D		
BCI	AC	HHE	1	106.1	6	90	S	0.00	-3.76	18.78-0.11		0.00	0.000	1.00				0.160M	.66 1.96 L
								36.47	32.71	32.86-0.19	0.04	1.10S	0.297						
BUM	ME	EHZ		130.3	320	71	P	26.50	22.74	22.65 0.00	0.09	1.10	0.206						
PVY	ME	EHZ		130.9	1	71	P	26.22	22.46	22.76 0.00	-0.30	0.61	0.035						
FNA	HT	HHZ	1	140.9	119	71	P	28.04	24.28	24.34 0.00	-0.06	1.10	0.207						
FNA	HT	HHE	1	140.9	119	71	S	0.00	-3.76	24.34 0.00		0.00	0.000	1.00				0.070M	.47 1.84 L
								46.25	42.49	42.60 0.00	-0.10	1.10S	0.489						
FNA	HT	HHN	1	140.9	119	71	S	0.00	-3.76	24.34 0.00		0.00	0.000	1.00				0.140M	.54 2.14 L
LSK	AC	HHZ	21	151.5	157	71	P	30.24	26.48	26.04-0.13	0.57*	0.00	0.000						
LSK	AC	HHE	21	151.5	157	71	S	49.20	45.44	45.57-0.23	0.10	1.10S	0.270						
BEY	ME	EHZ		161.4	0	71	P	31.40	27.64	27.63 0.00	0.01	1.10	0.115						
HCY	ME	EHZ		165.7	315	71	P	32.60	28.84	28.30 0.00	0.54*	0.00	0.000						
NKME	ME	EHZ		170.2	333	71	P	32.66	28.90	29.03 0.00	-0.13	1.10	0.155						
SRN	AC	HHE	20	170.7	178	71	S	55.37	51.61	50.94 0.65	0.02	1.10S	0.363						
SRN	AC	HHZ	20	170.7	178	71	P	33.40	29.64	29.11 0.37	0.16	1.10	0.165						
BRY	ME	EHZ		201.0	326	57	P	37.49	33.73	33.92 0.00	-0.19	1.08	0.222						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
2018-12-16 0824 37.95 40 29.78 20E21.90 18.15 0.02 0.40 0.93 2.37 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  
10 14 38.5 At1 93 6 0 10 4 10 BA 4 0.16 L 6 0.21 D

ERROR ELLIPSE: <SERR AZ DIP>-< 1.02 143 66>-< 0.42 311 22>-< 0.27 43 4>  
REGION= 1 km ne V të Potomit,Rajoni Skrapar (1 km in N of Potom, Skrapar Region, Albania)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
KBN	AC	HHZ	17		38.5	68	109	P		45.11	7.16	7.61-0.47	0.02	1.00		0.284	1.00	35.0	2.37	D	
KBN	AC	HHE	17		38.5	68	109	S	6	0.00	-37.95	7.61-0.47		0.00		0.000	1.00			2.220M	.30 2.44 L
										50.43	12.48	13.32-0.82	-0.01	1.00S		0.618					
LSK	AC	HHZ	21		43.3	152	106	P		46.18	8.23	8.38-0.13	-0.02	1.00		0.173	1.00	51.0	2.76	D	
LSK	AC	HHN	21		43.3	152	106	S	6	0.00	-37.95	8.38-0.13		0.00		0.000	1.00			1.440M	.25 2.29 L
										52.38	14.43	14.66-0.23	-0.01	1.00S		0.468					
SRN	AC	HHZ	20		75.1	205	97	P		51.96	14.01	13.63 0.37	0.01	1.00		0.205	1.00	61.0	2.96	D	
SRN	AC	HHN	20		75.1	205	97	S	6	60.00	22.05	13.63 0.37		0.00		0.000	1.00			0.210M	1.50 1.84 L
										62.44	24.49	23.85 0.65	-0.01	1.00S		0.387					
FNA	HT	HHZ	1		91.8	69	71	P		54.31	16.36	16.31 0.00	0.05	1.00		0.261	1.00	60.0	2.95	D	
FNA	HT	HHN	1		91.8	69	71	S	6	60.00	22.05	16.31 0.00		0.00		0.000	1.00			0.890M	.23 2.60 L
										66.47	28.52	28.54 0.00	-0.02	1.00S		0.716					
SCTE	IV	HHZ	0		167.8	255	71	P		66.38	28.43	28.44 0.00	-0.01	1.00		0.401	1.00	71.0	3.17	D	
PUK	AC	HHZ	4		176.2	348	71	P		67.57	29.62	29.77-0.13	-0.02	1.00		0.483	1.00	83.0	3.34	D	

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-17 0858 32.36 41 12.66 19E54.33 16.50 0.10 0.53 0.63 2.39 3.13 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  
 16 21 15.6 At1 105 10 0 13 4 16 B-A 4 0.12 L 11 0.09 D

ERROR ELLIPSE: <SERR AZ DIP>-< 0.71 275 63>-< 0.57 55 21>-< 0.29 152 14>  
 REGION= 4.2 km ne JL te Berzhites, Rajoni Tirane (4.2 km in SE of Berzhite, Tirana Region, Albania)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE		
TIR	MN	HHZ	0		15.6	348	132	P		36.60	4.24	4.12	0.00	0.12	1.01		0.310	1.00	45.0	2.61	D		
TIR	MN	HHN	0		15.6	348	132		6	0.00	-32.36	4.12	0.00		0.00		0.000	1.00		3.900M	.28	2.51	L
								S		39.46	7.10	7.21	0.00	-0.11	1.01S		0.681						
PUK	AC	HHZ	4		92.4	0	71	P		48.76	16.40	16.49	-0.13	0.04	1.01		0.161	1.00	60.0	2.95	D		
PUK	AC	HHN	4		92.4	0	71		6	60.00	27.64	16.49	-0.13		0.00		0.000	1.00		0.420M	.23	2.28	L
								S		60.46	28.10	28.86	-0.23	-0.53*	0.00S		0.000						
ULC	ME	EHZ			99.9	328	71	P		50.06	17.70	17.68	0.00	0.02	1.01		0.239	1.00	54.0	2.85	D		
BCI	AC	HHE	1		129.1	5	71		6	60.00	27.64	22.34	-0.11		0.00		0.000	1.00		0.370M	.30	2.49	L
								S		71.11	38.75	39.10	-0.19	-0.15	1.01S		0.449						
NEST	HT	HHZ			130.9	132	71	P		55.07	22.71	22.62	0.00	0.09	1.01		0.154	1.00	69.0	3.12	D		
NEST	HT	HHN			130.9	132	71	S		71.90	39.54	39.58	0.00	-0.04	1.01S		0.310						
FNA	HT	HHZ	1		133.2	110	71	P		55.40	23.04	23.00	0.00	0.04	1.01		0.161	1.00	73.0	3.18	D		
FNA	HT	HHE	1		133.2	110	71		6	60.00	27.64	23.00	0.00		0.00		0.000	1.00		0.080M	.40	1.85	L
								S		72.55	40.19	40.25	0.00	-0.06	1.01S		0.408						
SRN	AC	HHZ	20		148.0	176	71	P		58.11	25.75	25.36	0.37	0.02	1.01		0.292	1.00	69.0	3.13	D		
PVY	ME	EHZ			153.8	2	71	P		58.68	26.32	26.29	0.00	0.03	1.01		0.160	1.00	72.0	3.18	D		
SCTE	IV	HHZ	0		175.0	225	71	P		61.90	29.54	29.66	0.00	-0.12	1.01		0.552	1.00	74.0	3.22	D		
BEY	ME	EHZ			184.3	0	71	P		63.76	31.40	31.14	0.00	0.26	0.86		0.116	1.00	62.0	3.05	D		
BRY	ME	EHZ			219.0	330	51	P		67.67	35.31	36.17	0.00	-0.86*	0.00		0.000	1.00	74.0	3.25	D		
UPM	ME	EHZ			236.0	340	51	P		70.18	37.82	38.42	0.00	-0.60*	0.00		0.000	1.00	73.0	3.25	D		

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-19 0400 39.17 41 8.29 19E58.58 12.82 0.14 0.93 1.14 1.61 2.29 1.6

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 13 18 25.1 At1 185 15 0 10 5 12 D-A 2 0.12 L 2 0.10 D

ERROR ELLIPSE: <SERR AZ DIP>-< 1.47 257 50>-< 0.82 59 37>-< 0.29 155 9>  
 REGION= Gracen, 9 Km V-P Elbasan ( Gracen, 9 Km N-W Elbasan, Elbasani Region, Albania)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE		
TIR	MN	HHN	0		25.1	339	111	S		48.28	9.11	9.05	0.00	0.06	1.15S		0.890						
TIR	MN	HHE	0		25.1	339	111		6	0.00	-39.17	5.17	0.00		0.00		0.000	1.00		0.340M	.14	1.49	L

PUK	AC	HHZ	4	100.7	357	78	P	56.56	17.39	17.92	-0.13	-0.40	0.66	0.049	1.00	28.0	2.19	D		
PUK	AC	HHN	4	100.7	357	78	S	70.14	30.97	31.36	-0.23	-0.16	1.15S	0.291						
LSK	AC	HHZ	21	121.7	154	68	P	60.35	21.18	21.38	-0.13	-0.07	1.15	0.370						
LSK	AC	HHN	21	121.7	154	68	S	76.39	37.22	37.41	-0.23	0.03	1.15S	0.572						
FNA	HT	HHZ	1	124.9	108	68	P	60.89	21.72	21.88	0.00	-0.16	1.15	0.266						
FNA	HT	HHN	1	124.9	108	68	P	60.00	20.83	21.88	0.00	0.00	0.00	1.00			0.070M	.37	1.73	L
							S	77.57	38.40	38.29	0.00	0.11	1.15S	0.775						
BCI	AC	HHZ	1	136.7	3	68	P	63.03	23.86	23.76	-0.11	0.21	1.15	0.157	1.00	33.0	2.38	D		
BCI	AC	HHE	1	136.7	3	68	S	80.55	41.38	41.58	-0.19	-0.01	1.15S	0.453						
BUM	ME	EHZ		157.1	326	68	P	65.58	26.41	27.01	0.00	-0.60*	0.01	0.000						
PVY	ME	EHZ		161.8	0	68	P	67.10	27.93	27.77	0.00	0.16	1.15	0.173						
KOME	ME	HHZ		194.0	349	68	P	71.24	32.07	32.90	0.00	-0.83*	0.00	0.000						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-19 1816 53.74 39 58.02 19E44.31 2.32 0.18 0.37 0.86 2.86 2.58 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  
 26 37 24.4 At1 129 10 0 19 10 24 B-B 12 0.15 L 2 0.22 D

ERROR ELLIPSE: <SERR AZ DIP>-< 0.90 170 72>-< 0.38 30 13>-< 0.31 298 10>  
 REGION= Detin jon , 25 Km V-P Sarandë ( Ionian Sea , 25 Km N-W Saranda, Albania)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE		
SRN	AC	HHZ	20		24.4	113	90	P		58.92	5.18	4.94	0.37	-0.13	1.10		0.262	1.00	35.0	2.36	D		
SRN	AC	HHN	20		24.4	113	90	S	6	60.00	6.26	4.94	0.37		0.00		0.000	1.00		3.280M	.23	2.41	L
										63.05	9.31	8.65	0.65	0.02	1.10S		0.333						
VLO	AC	HHZ	16		59.4	340	62	P		64.74	11.00	11.17	-0.70	0.53*	0.98		0.165						
VLO	AC	HHN	16		59.4	340	62	P	6	60.00	6.26	11.17	-0.70		0.00		0.000	1.00		2.490M	.87	2.69	L
										73.05	19.31	19.55	-1.23	0.99*	0.08S		0.001						
LSK	AC	HHZ	21		76.1	74	62	P		67.61	13.87	14.04	-0.13	-0.04	1.10		0.080	1.00	52.0	2.80	D		
LSK	AC	HHE	21		76.1	74	62	P	6	60.00	6.26	14.04	-0.13		0.00		0.000	1.00		2.650M	.72	2.93	L
										78.13	24.39	24.57	-0.23	0.05	1.10S		0.156						
BPA2	AC	HHZ	15		85.3	354	62	P		66.03	12.29	15.62	0.00	-3.33*	0.00		0.000						
SCTE	IV	HHZ	0		109.1	277	62	P		73.43	19.69	19.70	0.00	-0.01	1.10		0.267						
SCTE	IV	HHN	0		109.1	277	62	P	6	60.00	6.26	19.70	0.00		0.00		0.000	1.00		1.640M	.40	2.98	L
										88.23	34.49	34.47	0.00	0.01	1.10S		0.429						
SCTE	IV	HHE	0		109.1	277	62	P	6	60.00	6.26	19.70	0.00		0.00		0.000	1.00		3.620M	.50	3.33	L
KBN	AC	HHZ	17		115.2	50	62	P		74.10	20.36	20.75	-0.47	0.08	1.10		0.101						
KBN	AC	HHN	17		115.2	50	62	P	6	60.00	6.26	20.75	-0.47		0.00		0.000	1.00		0.920M	.54	2.78	L
										89.33	35.59	36.31	-0.82	0.10	1.10S		0.151						
NEST	HT	HHZ			122.2	65	62	P		75.45	21.71	21.95	0.00	-0.24	1.10		0.085						
NEST	HT	HHE			122.2	65	62	P	6	60.00	6.26	21.95	0.00		0.00		0.000	1.00		0.480M	.57	2.54	L
										92.22	38.48	38.41	0.00	0.07	1.10S		0.146						
LKD2	HT	HHZ	0		152.9	148	55	P		81.19	27.45	27.19	0.00	0.26	1.10		0.203						
LKD2	HT	HHE	0		152.9	148	55	P	6	60.00	6.26	27.19	0.00		0.00		0.000	1.00		0.590M	.51	2.84	L
										101.21	47.47	47.58	0.00	-0.11	1.10S		0.670						

TIR	MN	HHN	0	153.7	3	55	6	60.00	6.26	27.31	0.00	0.00	0.000	1.00	0.630M	.68	2.87	L
							S	101.23	47.49	47.79	0.00	-0.30	1.10S	0.183				
FNA	HT	HHZ	1	166.5	56	55	P	82.89	29.15	29.35	0.00	-0.20	1.10	0.066				
FNA	HT	HHE	1	166.5	56	55	6	60.00	6.26	29.35	0.00	0.00	0.000	1.00	0.470M	.62	2.82	L
							S	105.31	51.57	51.36	0.00	0.21	1.10S	0.160				
ULC	ME	EHZ		225.5	350	47	P	92.24	38.50	38.67	0.00	-0.17	1.10	0.102				
PUK	AC	HHZ	4	230.9	3	43	P	90.29	36.55	39.39	-0.13	-2.71*	0.00	0.000				
PUK	AC	HHE	4	230.9	3	43	S	122.36	68.62	68.93	-0.23	-0.09	1.10S	0.215				
PUK	AC	HHN	4	230.9	3	43	6	120.00	66.26	39.39	-0.13	0.00	0.000	1.00	0.330M	.56	3.03	L
BCI	AC	HHZ	1	267.9	5	43	P	96.96	43.22	44.30	-0.11	-0.97*	0.10	0.000				
BCI	AC	HHE	1	267.9	5	43	6	120.00	66.26	44.30	-0.11	0.00	0.000	1.00	0.360M	.69	3.24	L
							S	131.17	77.43	77.53	-0.19	0.10	1.10S	0.214				
PVY	ME	EHZ		292.5	3	43	P	98.31	44.57	47.55	0.00	-2.98*	0.00	0.000				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH-M	RMS	ERH	ERZ	XMAG1	FMAG1	PMAG
2018	12	21	1826 15.53	40 26.48	19E58.89	1.86	0.06	0.21	0.65	2.31	2.96	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	
22	32	41.3	At1	76	8	0	20	10	22	A-A	10	0.22	L	12	0.19	D

ERROR ELLIPSE: <SERR AZ DIP>-< 0.66 195 86>-< 0.21 359 3>-< 0.20 88 1>  
 REGION=1.6 km ne VL te Canajt, Rajoni Memaliaj(1.6 km in NE of Canajt,Memaliaj Region, Albania)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE	
VLO	AC	HHZ	16		41.3	275	51	P	22.95	7.42	8.11	-0.70	0.01	1.05			0.152	1.00	43.0	2.58	D	
VLO	AC	HHN	16		41.3	275	51	6	0.00	-15.53	8.11	-0.70	0.00	0.000	1.00				4.400M	.21	2.71	L
							S		28.48	12.95	14.19	-1.23	-0.02	1.05S	0.263							
BPA2	AC	HHZ	15		44.4	317	51	P	24.11	8.58	8.64	0.00	-0.06	1.05			0.145	1.00	60.0	2.92	D	
BPA2	AC	HHN	15		44.4	317	51	6	0.00	-15.53	8.64	0.00	0.00	0.000	1.00				1.100M	.77	2.14	L
							S		30.65	15.12	15.12	0.00	-0.00	1.05S	0.209							
LSK	AC	HHZ	21		61.7	121	51	P	25.95	10.42	11.60	-0.13	-1.05*	0.00			0.000	1.00	75.0	3.16	D	
LSK	AC	HHE	21		61.7	121	51	6	0.00	-15.53	11.60	-0.13	0.00	0.000	1.00				0.620M	.43	2.12	L
							S		35.60	20.07	20.30	-0.23	-0.00	1.05S	0.303							
SRN	AC	HHZ	20		62.3	178	51	P	27.57	12.04	11.72	0.37	-0.05	1.05			0.182	1.00	50.0	2.75	D	
SRN	AC	HHE	20		62.3	178	51	6	0.00	-15.53	11.72	0.37	0.00	0.000	1.00				0.350M	.30	1.88	L
							S		36.67	21.14	20.51	0.65	-0.02	1.05S	0.374							
KBN	AC	HHZ	17		71.2	73	51	P	28.28	12.75	13.24	-0.47	-0.02	1.05			0.155	1.00	35.0	2.39	D	
KBN	AC	HHE	17		71.2	73	51	6	0.00	-15.53	13.24	-0.47	0.00	0.000	1.00				0.550M	.43	2.20	L
							S		37.82	22.29	23.17	-0.82	-0.06	1.05S	0.223							
TIR	MN	HHZ	0		101.1	355	51	P	33.99	18.46	18.38	0.00	0.08	1.05			0.145	1.00	57.0	2.91	D	
FNA	HT	HHZ	1		124.5	71	51	P	37.93	22.40	22.40	0.00	-0.00	1.05			0.154	1.00	57.0	2.92	D	
FNA	HT	HHE	1		124.5	71	51	6	0.00	-15.53	22.40	0.00	0.00	0.000	1.00				0.290M	.54	2.34	L
							S		54.83	39.30	39.20	0.00	0.10	1.04S	0.215							
SCTE	IV	HHZ	0		134.9	254	51	P	39.61	24.08	24.18	0.00	-0.10	1.05			0.159	1.00	72.0	3.17	D	
SCTE	IV	HHE	0		134.9	254	51	6	0.00	-15.53	24.18	0.00	0.00	0.000	1.00				0.600M	.34	2.73	L
							S		57.94	42.41	42.32	0.00	0.09	1.04S	0.296							
PHP	AC	HHZ	2		143.4	15	51	P	40.86	25.33	25.64	-0.29	-0.02	1.05			0.146	1.00	60.0	2.99	D	
PHP	AC	HHN	2		143.4	15	51	6	0.00	-15.53	25.64	-0.29	0.00	0.000	1.00				0.190M	.80	2.28	L

						S		59.90	44.37	44.87-0.51	0.01	1.05S	0.185								
PUK	AC	HHZ	4	178.0	358	46	P	46.75	31.22	31.25-0.13	0.10	1.04	0.107	1.00	66.0	3.11	D				
PUK	AC	HHE	4	178.0	358	46		6	60.00	44.47	31.25-0.13		0.00	0.000	1.00			0.220M	.51	2.56	L
							S	69.90	54.37	54.69-0.23	-0.09	1.05S	0.212								
ULC	ME	EHZ		179.8	341	46	P	46.82	31.29	31.54	0.00	-0.25	0.04	0.000	1.00	68.0	3.14	D			
LKD2	HT	HHZ	0	192.4	162	46	P	49.08	33.55	33.55	0.00	-0.00	1.05	0.152	1.00	88.0	3.41	D			
BCI	AC	HHN	1	213.9	1	46		6	60.00	44.47	36.98-0.11		0.00	0.000	1.00			0.150M	.75	2.61	L
							S	80.01	64.48	64.71-0.19	-0.04	1.05S	0.211								

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
2018-12-22 2042 10.81 41 48.16 19E22.66 6.05 0.15 1.08 2.98 2.81 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  
16 18 67.9 Atl 178 10 0 12 2 13 C-B 4 0.31 L

ERROR ELLIPSE: <SERR AZ DIP>-< 3.05 330 77>-< 1.08 231 1>-< 0.38 141 12>  
REGION= Deti Adriatik , 8 Km J-P Velipojë ( Adriatic Sea, 9 Km S-W Velipojë )

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE		
BUM	ME	EHZ			67.9	325	90	P		23.25	12.44	12.30	0.00	0.14	1.10	0.267							
CEME	ME	HHZ			91.0	336	90	P		26.88	16.07	16.26	0.00	-0.19	1.10	0.178							
CEME	ME	HHN			91.0	336	90		6	0.00	-10.81	16.26	0.00	0.00	0.000	1.00			2841M	.11	6.09	L	
PVY	ME	EHZ			100.8	29	90	P		29.01	18.20	17.95	0.00	0.25	1.00	0.382							
HCY	ME	EHZ			102.7	315	90	P		29.11	18.30	18.27	0.00	0.03	1.10	0.405							
NKME	ME	EHZ			112.5	343	90	P		30.49	19.68	19.96	0.00	-0.28	0.93	0.109							
KOME	ME	HHZ			116.9	5	90	P		31.41	20.60	20.72	0.00	-0.12	1.10	0.221							
BEY	ME	EHZ			126.1	19	90	P		33.11	22.30	22.30	0.00	0.00	1.10	0.348							
UPM	ME	EHZ			160.2	347	68	P		39.39	28.58	27.95	0.00	0.63*	0.00	0.000							
PLE	ME	EHZ			169.6	0	68	P		40.39	29.58	29.45	0.00	0.13	1.10	0.870							
FNA	HT	HHZ	1		202.7	123	68	P		45.56	34.75	34.72	0.00	0.03	1.10	0.271							
FNA	HT	HHE	1		202.7	123	68		6	60.00	49.19	34.72	0.00		0.00	0.000	1.00			0.080M	.50	2.28	L
								S		71.40	60.59	60.76	0.00	-0.17	1.10S	0.545							
FNA	HT	HHN	1		202.7	123	68		6	60.00	49.19	34.72	0.00		0.00	0.000	1.00			0.230M	.47	2.73	L
NEST	HT	HHZ			208.5	137	68	P		46.58	35.77	35.65	0.00	0.12	1.10	0.388							
NEST	HT	HHE			208.5	137	68		S	73.64	62.83	62.39	0.00	0.44	0.14S	0.010							
LKD2	HT	HHE	0		351.9	161	50		6	60.00	49.19	54.88	0.00		0.00	0.000	1.00			0.080M	.62	2.89	L

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
2018-12-24 1349 45.66 40 33.09 19E40.99 18.08 0.10 0.29 0.53 2.93 2.57 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  
27 39 20.6 Atl 101 12 0 21 11 24 B-A 11 0.30 L 2 0.22 D

ERROR ELLIPSE: <SERR AZ DIP>-< 0.55 280 76>-< 0.30 64 11>-< 0.22 156 7>  
REGION= 4 Km V-L Selenicë, 7 Km J-P Ballsh, Rajoni Fier ( 4 Km N-E Selenicë, 7 Km S-W Ballsh, Fieri Region, Albania )

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
VLO	AC	HHE	16		18.4	241	130	S		53.66	8.00	8.14	-1.23	1.09*	0.00S		0.000				
VLO	AC	HHN	16		18.4	241	130		6	0.00	-45.66	4.65	-0.70		0.00		0.000	1.00		66M .20	3.78 L
BPA2	AC	HHZ	15		20.6	345	127	P		50.74	5.08	4.93	0.00	0.15	1.11		0.303	1.00	53.0	2.78 D	
BPA2	AC	HHE	15		20.6	345	127	S		54.17	8.51	8.63	0.00	-0.12	1.11S		0.608				
SRN	AC	HHZ	20		79.3	159	71	P		60.33	14.67	14.32	0.37	-0.02	1.11		0.160				
SRN	AC	HHN	20		79.3	159	71		6	60.00	14.34	14.32	0.37		0.00		0.000	1.00		0.930M .41	2.52 L
								S		71.39	25.73	25.06	0.65	0.02	1.11S		0.279				
LSK	AC	HHZ	21		89.7	119	71	P		61.51	15.85	15.97	-0.13	0.01	1.11		0.103				
LSK	AC	HHE	21		89.7	119	71		6	60.00	14.34	15.97	-0.13		0.00		0.000	1.00		1.970M .50	2.93 L
								S		73.21	27.55	27.95	-0.23	-0.17	1.10S		0.187				
TIR	MN	HHZ	0		89.7	9	71	P		61.68	16.02	15.98	0.00	0.04	1.11		0.075				
TIR	MN	HHE	0		89.7	9	71		6	60.00	14.34	15.98	0.00		0.00		0.000	1.00		0.790M .34	2.53 L
								S		73.58	27.92	27.97	0.00	-0.04	1.11S		0.170				
KBN	AC	HHZ	17		93.8	84	71	P		61.40	15.74	16.63	-0.47	-0.42	0.04		0.000	1.00	33.0	2.35 D	
KBN	AC	HHN	17		93.8	84	71		6	60.00	14.34	16.63	-0.47		0.00		0.000	1.00		1.250M .69	2.76 L
								S		74.09	28.43	29.10	-0.82	0.15	1.11S		0.171				
SCTE	IV	HHZ	0		115.9	244	71	P		66.15	20.49	20.15	0.00	0.34	0.35		0.029				
SCTE	IV	HHN	0		115.9	244	71		6	60.00	14.34	20.15	0.00		0.00		0.000	1.00		2.310M .28	3.19 L
								S		80.89	35.23	35.26	0.00	-0.03	1.11S		0.629				
NEST	HT	HHZ			116.8	97	71	P		66.00	20.34	20.30	0.00	0.04	1.11		0.085				
NEST	HT	HHN			116.8	97	71		6	60.00	14.34	20.30	0.00		0.00		0.000	1.00		0.630M .40	2.63 L
								S		81.16	35.50	35.52	0.00	-0.03	1.11S		0.176				
PHP	AC	HHZ	2		141.0	26	71	P		69.51	23.85	24.16	-0.29	-0.02	1.11		0.064				
PHP	AC	HHN	2		141.0	26	71	S		87.48	41.82	42.28	-0.51	0.05	1.11S		0.152				
PHP	AC	HHE	2		141.0	26	71		6	60.00	14.34	24.16	-0.29		0.00		0.000	1.00		0.300M .66	2.47 L
FNA	HT	HHZ	1		146.1	79	71	P		70.34	24.68	24.96	0.00	-0.28	0.69		0.029				
FNA	HT	HHN	1		146.1	79	71		6	60.00	14.34	24.96	0.00		0.00		0.000	1.00		1.030M .41	3.04 L
								S		89.35	43.69	43.68	0.00	0.01	1.11S		0.169				
ULC	ME	EHZ			160.9	348	71	P		71.97	26.31	27.34	0.00	-1.03*	0.00		0.000				
PUK	AC	HHZ	4		166.5	5	71	P		73.72	28.06	28.23	-0.13	-0.04	1.11		0.079				
PUK	AC	HHE	4		166.5	5	71		6	60.00	14.34	28.23	-0.13		0.00		0.000	1.00		1.220M .37	3.24 L
								S		94.78	49.12	49.40	-0.23	-0.06	1.11S		0.177				
BCI	AC	HHZ	1		204.1	8	57	P		79.76	34.10	34.01	-0.11	0.20	1.04		0.082				
BCI	AC	HHN	1		204.1	8	57	S		104.91	59.25	59.52	-0.19	-0.08	1.11S		0.264				
BCI	AC	HHE	1		204.1	8	57		6	60.00	14.34	34.01	-0.11		0.00		0.000	1.00		0.650M .50	3.20 L

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH-M	RMS	ERH	ERZ	XMAG1	FMAG1	PMAG
2018	12	27	0617	35.71	41 4.78	19E57.10	23.85 0.18	0.59	3.03	1.98	2.02	2.0

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X
17	22	30.6	At1	106	12	0	12	5	13	C-B	5 0.04 L	2 0.72 D			

ERROR ELLIPSE: <SERR AZ DIP><< 3.03 98 87><< 0.59 263 2><< 0.35 354 0>  
REGION= 2 km VP Paper, Elbasan (Elbasani, Albania)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
TIR	MN	HHN	0		30.6	347	90	S		47.16	11.45	11.29	0.00	0.16	1.14S		0.257				

TIR	MN	HHE	0	30.6	347	90	6	0.00-35.71	6.45	0.00	0.00	0.000	1.00			0.800M	.18	1.98	L	
BPA2	AC	HHE	15	47.9	216	90	6	0.00-35.71	9.21	0.00	0.00	0.000	1.00			0.450M	.41	1.85	L	
							S	51.95	16.24	16.12	0.00	0.12	1.14S			0.626				
BPA2	AC	HHZ	15	47.9	216	90	P	44.83	9.12	9.21	0.00	-0.09	1.14	0.304	1.00	12.0	1.30	D		
PHP	AC	HHZ	2	78.7	31	90	P	48.79	13.08	14.11	-0.29	-0.74*	0.47	0.033						
KBN	AC	HHZ	17	86.8	125	90	P	50.63	14.92	15.41	-0.47	-0.02	1.14	0.306						
KBN	AC	HHN	17	86.8	125	90	S	61.95	26.24	26.97	-0.82	0.09	1.14S	0.656						
KBN	AC	HHE	17	86.8	125	90	6	60.00	24.29	15.41	-0.47	0.00	0.000	1.00			0.120M	.57	1.70	L
PUK	AC	HHZ	4	107.1	358	90	P	53.88	18.17	18.64	-0.13	-0.34	1.14	0.137	1.00	48.0	2.74	D		
PUK	AC	HHN	4	107.1	358	90	S	68.23	32.52	32.62	-0.23	0.13	1.14S	0.248						
PUK	AC	HHE	4	107.1	358	90	6	60.00	24.29	18.64	-0.13	0.00	0.000	1.00			0.170M	.28	2.00	L
ULC	ME	EHZ		114.3	330	90	P	55.39	19.68	19.80	0.00	-0.12	1.14	0.171						
BCI	AC	HHN	1	143.3	3	90	S	78.41	42.70	42.74	-0.19	0.16	1.14S	0.256						
BCI	AC	HHE	1	143.3	3	90	6	60.00	24.29	24.42	-0.11	0.00	0.000	1.00			0.100M	.51	2.02	L
PVY	ME	EHZ		168.3	0	90	P	65.01	29.30	28.41	0.00	0.89*	0.13	0.001						
HCY	ME	EHZ		194.7	322	62	P	67.92	32.21	32.22	0.00	-0.01	1.14	0.999						
BRY	ME	EHZ		233.6	331	56	P	71.06	35.35	37.39	0.00	-2.04*	0.00	0.000						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
2018-12-27 0742 56.02 41 22.12 19E25.69 1.56 0.37 1.10 1.95 2.07 2.82

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
18 25 36.6 At1 117 19 0 13 5 15 CB 4 0.31 L 3 0.08 D

ERROR ELLIPSE: <SERR AZ DIP>-< 1.95 290 87>-< 1.10 149 1>-< 0.65 59 1>  
REGION= Durrës (Durrësi Region, Albania)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE		
TIR	MN	HHN	0		36.6	93	51	S		69.16	13.14	12.84	0.00	0.29	1.02S		0.573						
TIR	MN	HHE	0		36.6	93	51	6		60.00	3.98	7.34	0.00		0.00		0.000	1.00		0.320M	.23	1.53	L
ULC	ME	EHZ			67.7	348	51	P		69.01	12.99	12.68	0.00	0.31	1.02		0.234						
PUK	AC	HHZ	4		84.3	27	51	P		71.62	15.60	15.52	-0.13	0.21	1.02		0.164	1.00	53.0	2.82	D		
PUK	AC	HHN	4		84.3	27	51	S		83.32	27.30	27.16	-0.23	0.37	1.02S		0.313						
PUK	AC	HHE	4		84.3	27	51	6		60.00	3.98	15.52	-0.13		0.00		0.000	1.00		0.440M	.41	2.22	L
PHP	AC	HHZ	2		91.5	67	51	P		72.23	16.21	16.77	-0.29	-0.27	1.02		0.214	1.00	57.0	2.90	D		
PHP	AC	HHN	2		91.5	67	51	6		60.00	3.98	16.77	-0.29		0.00		0.000	1.00		0.190M	.34	1.91	L
								S		84.63	28.61	29.35	-0.51	-0.23	1.02S		0.316						
BCI	AC	HHZ	1		122.9	25	51	P		77.80	21.78	22.16	-0.11	-0.27	1.02		0.166	1.00	45.0	2.68	D		
BCI	AC	HHN	1		122.9	25	51	S		94.45	38.43	38.78	-0.19	-0.16	1.02S		0.324						
BCI	AC	HHE	1		122.9	25	51	6		60.00	3.98	22.16	-0.11		0.00		0.000	1.00		0.460M	.41	2.53	L
PVY	ME	EHZ			143.5	18	51	P		81.25	25.23	25.71	0.00	-0.48	1.02		0.175						
SCTE	IV	HHZ	0		164.7	210	46	P		85.12	29.10	29.17	0.00	-0.07	1.02		0.389						
SCTE	IV	HHN	0		164.7	210	46	S		104.79	48.77	51.05	0.00	-2.28*	0.00S		0.000						
NOCI	IV	HHZ	0		208.8	253	46	P		92.12	36.10	36.21	0.00	-0.11	1.02		0.271						
NOCI	IV	HHN	0		208.8	253	46	S		109.15	53.13	63.37	0.00	-10.24*	0.00S		0.000						
MRVN	IV	HHN	0		273.3	264	37	S		134.72	78.70	78.98	0.00	-0.28	1.02S		0.753						
MRVN	IV	HHZ	0		273.3	264	37	P		102.44	46.42	45.13	0.00	1.29*	0.72		0.101						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-28 0053 2.05 41 42.12 20E15.70 18.75 0.09 12.26 5.41 1.29 1.86

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 6 9 15.0 At1 185 8 0 4 3 5 D-D 4 0.27 L 1 0.00 D

ERROR ELLIPSE: <SERR AZ DIP>-< 13.40 42 23>-< 0.73 240 65>-< 0.38 134 7>  
 REGION= Gjilotë, 15 Km P Peshkopi ( Gjilotë, 15 Km W Peshkopi, Albania )

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
PHP	AC	HHN	2		15.0	97	138		6	0.00	-2.05	4.33	-0.29		0.00		0.000	1.00		0.510M .30	1.65 L
								S		9.12	7.07	7.58	-0.51	-0.00	1.00S		0.999				
PHP	AC	HHE	2		15.0	97	138		6	0.00	-2.05	4.33	-0.29		0.00		0.000	1.00		0.150M .30	1.12 L
PUK	AC	HHZ	4		48.7	322	105	P		11.33	9.28	9.27	-0.13	0.14	1.00		0.999	1.00	21.0	1.86 D	
PUK	AC	HHN	4		48.7	322	105		6	0.00	-2.05	9.27	-0.13		0.00		0.000	1.00		0.030M .21	0.66 L
								S		17.95	15.90	16.22	-0.23	-0.10	1.00S		1.000				
FNA	HT	HHZ	1		138.9	137	71	P		27.10	25.05	23.79	0.00	1.26*			0.000				
FNA	HT	HHN	1		138.9	137	71		6	0.00	-2.05	23.79	0.00		0.00		0.000	1.00		0.030M .31	1.46 L

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-28 0059 30.91 40 42.05 19E18.64 31.59 0.18 0.35 0.71 2.12 2.36

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 30 42 26.2 At1 84 9 0 22 11 24 A-B 9 0.10 L 2 0.12 D

ERROR ELLIPSE: <SERR AZ DIP>-< 0.78 130 66>-< 0.36 317 23>-< 0.35 226 1>  
 REGION= Deti Adriatik , 21 Km P Fier ( Adriatic Sea, 21 KM W Fier, Albania )

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
BPA2	AC	HHE	15		26.2	82	135	S		43.22	12.31	12.34	0.00	-0.03	1.06S		0.378				
VLO	AC	HHZ	16		30.2	148	131	P		37.79	6.88	7.49	-0.70	0.09	1.06		0.138	1.00	31.0	2.24 D	
VLO	AC	HHE	16		30.2	148	131		6	0.00	-30.91	7.49	-0.70		0.00		0.000	1.00		2.100M .14	2.47 L
								S		42.81	11.90	13.11	-1.23	0.02	1.06S		0.306				
VLO	AC	HHN	16		30.2	148	131		6	0.00	-30.91	7.49	-0.70		0.00		0.000	1.00		1.780M .05	2.40 L
TIR	MN	HHN	0		85.6	32	97	S		57.90	26.99	27.00	0.00	-0.01	1.06S		0.233				
SCTE	IV	HHZ	0		99.5	227	94	P		48.53	17.62	17.57	0.00	0.05	1.06		0.168				
SCTE	IV	HHE	0		99.5	227	94	S		61.61	30.70	30.75	0.00	-0.05	1.06S		0.327				
SCTE	IV	HHN	0		99.5	227	94		6	60.00	29.09	17.57	0.00		0.00		0.000	1.00		0.220M .21	2.08 L
SRN	AC	HHZ	20		108.4	147	93	P		50.32	19.41	18.94	0.37	0.10	1.06		0.103	1.00	37.0	2.47 D	
SRN	AC	HHE	20		108.4	147	93	S		64.43	33.52	33.14	0.65	-0.27	1.04S		0.237				
SRN	AC	HHN	20		108.4	147	93		6	60.00	29.09	18.94	0.37		0.00		0.000	1.00		0.110M .18	1.84 L
KBN	AC	HHZ	17		125.2	93	91	P		52.29	21.38	21.55	-0.47	0.30	1.02		0.068				
KBN	AC	HHN	17		125.2	93	91		6	60.00	29.09	21.55	-0.47		0.00		0.000	1.00		0.130M .51	2.02 L
								S		67.90	36.99	37.71	-0.82	0.10	1.06S		0.185				
LSK	AC	HHZ	21		125.3	118	91	P		52.12	21.21	21.56	-0.13	-0.22	1.06		0.088				
LSK	AC	HHE	21		125.3	118	91	S		68.28	37.37	37.73	-0.23	-0.13	1.06S		0.226				



ULC	ME	EHZ	140.3	358	91	P	54.62	23.71	23.89	0.00	-0.18	1.06	0.163						
PHP	AC	HHZ	2	144.7	40	91	P	55.00	24.09	24.57	-0.29	-0.19	1.06	0.091					
PHP	AC	HNN	2	144.7	40	91	S	73.66	42.75	43.00	-0.51	0.26	1.06S	0.186					
NEST	HT	HHZ	150.6	101	66	P	56.77	25.86	25.42	0.00	0.44	0.65	0.057						
NEST	HT	HHE	150.6	101	66	S	74.86	43.95	44.49	0.00	-0.53*	0.28S	0.030						
PUK	AC	HHZ	4	156.8	17	66	P	57.06	26.15	26.29	-0.13	-0.01	1.06	0.115					
PUK	AC	HNN	4	156.8	17	66	6	60.00	29.09	26.29	-0.13		0.00	0.000	1.00		0.090M	.41	2.07 L
							S	76.39	45.48	46.01	-0.23	-0.30	1.00S	0.222					
PUK	AC	HHE	4	156.8	17	66	6	60.00	29.09	26.29	-0.13		0.00	0.000	1.00		0.110M	.30	2.15 L
FNA	HT	HHZ	1	175.3	86	66	P	60.04	29.13	28.93	0.00	0.20	1.06	0.138					
FNA	HT	HNN	1	175.3	86	66	6	60.00	29.09	28.93	0.00		0.00	0.000	1.00		0.200M	.77	2.52 L
NOCI	IV	HNN	0	190.0	274	58	S	85.03	54.12	54.16	0.00	-0.04	1.06S	0.354					
NOCI	IV	HHZ	0	190.0	274	58	P	62.12	31.21	30.95	0.00	0.26	1.06	0.174					
BCI	AC	HHZ	1	195.5	18	58	P	61.46	30.55	31.67	-0.11	-1.01*	0.00	0.000					
BCI	AC	HHE	1	195.5	18	58	S	84.38	53.47	55.42	-0.19	-1.76*	0.00S	0.000					
BCI	AC	HNN	1	195.5	18	58	6	60.00	29.09	31.67	-0.11		0.00	0.000	1.00		0.060M	.41	2.12 L

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
2018-12-29 0715 19.15 40 22.75 20E 2.47 25.49 0.44 0.58 1.28 3.58 3.86

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
42 56 47.4 At1 73 10 0 26 10 32 A-C 10 0.19 L 4 0.29 D

ERROR ELLIPSE: <SERR AZ DIP><-< 1.37 193 69><-< 0.62 9 20><-< 0.58 99 1>  
REGION= Memaliaj, Tepelenë (Tepelena, Albania)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
VLO	AC	HNN	16	47.4	283	110	S		34.42	15.27	16.33	-1.23	0.17	1.10S	0.285						
VLO	AC	HHZ	16	47.4	283	110	P		27.58	8.43	9.33	-0.70	-0.20	1.10	0.128	1.00	115	3.58	D		
BPA2	AC	HHZ	15	52.9	318	107	P		28.47	9.32	10.17	0.00	-0.85*	1.10	0.134						
LSK	AC	HHE	21	53.8	118	106	S		36.88	17.73	18.04	-0.23	-0.09	1.10S	0.225						
LSK	AC	HHZ	21	53.8	118	106	P		28.80	9.65	10.31	-0.13	-0.53*	1.10	0.106						
LSK	AC	HNN	21	53.8	118	106	6		0.00	-19.15	10.31	-0.13		0.00	0.000	1.00		37M	.51	3.84 L	
SRN	AC	HNN	20	55.5	184	105	S		38.10	18.95	18.51	0.65	-0.21	1.10S	0.280						
SRN	AC	HHZ	20	55.5	184	105	P		30.07	10.92	10.58	0.37	-0.03	1.10	0.138						
SRN	AC	HHE	20	55.5	184	105	6		0.00	-19.15	10.58	0.37		0.00	0.000	1.00		19M	.68	3.57 L	
NEST	HT	HNN	85.6	87	97	S		45.81	26.66	26.76	0.00	-0.10	1.10S	0.196							
NEST	HT	HHZ	85.6	87	97	P		34.68	15.53	15.29	0.00	0.24	1.10	0.088	1.00	196	4.14	D			
NEST	HT	HHE	85.6	87	97	6		0.00	-19.15	15.29	0.00		0.00	0.000	1.00		5.580M	.56	3.36 L		
TIR	MN	HHE	0	108.6	353	94	S		56.51	37.36	33.11	0.00	4.25*	0.00S	0.000						
TIR	MN	HNN	0	108.6	353	94	6		60.00	40.85	18.92	0.00		0.00	0.000	1.00		5.080M	.60	3.49 L	
FNA	HT	HNN	1	122.1	68	94	S		56.29	37.14	36.89	0.00	0.25	1.10S	0.199						
FNA	HT	HHZ	1	122.1	68	94	P		39.52	20.37	21.08	0.00	-0.71*	1.10	0.085	1.00	206	4.22	D		
FNA	HT	HHE	1	122.1	68	94	6		60.00	40.85	21.08	0.00		0.00	0.000	1.00		5.070M	.51	3.59 L	
SCTE	IV	HNN	0	138.0	257	93	S		60.24	41.09	41.30	0.00	-0.21	1.10S	0.243						
SCTE	IV	HHZ	0	138.0	257	93	P		42.72	23.57	23.60	0.00	-0.03	1.10	0.120	1.00	107	3.57	D		
SCTE	IV	HHE	0	138.0	257	93	6		60.00	40.85	23.60	0.00		0.00	0.000	1.00		17M	.57	4.22 L	
PHP	AC	HNN	2	148.8	12	93	S		62.94	43.79	44.33	-0.51	-0.03	1.10S	0.260						

PHP	AC	HHZ	2	148.8	12	93	P	44.38	25.23	25.33-0.29	0.19	1.10	0.101						
PHP	AC	HHE	2	148.8	12	93		6	60.00	40.85	25.33-0.29		0.00	0.000	1.00		2.330M	1.01	3.42 L
LKD2	HT	HHE	0	184.3	163	62	S		76.28	57.13	53.60	0.00	3.53*	0.00S					
LKD2	HT	HHZ	0	184.3	163	62	P		50.28	31.13	30.63	0.00	0.50	1.10					0.227
PUK	AC	HHE	4	185.2	357	62	S		72.80	53.65	53.81-0.23		0.06	1.10S					0.167
PUK	AC	HHZ	4	185.2	357	62	P		50.10	30.95	30.75-0.13		0.33	1.10					0.071
PUK	AC	HHN	4	185.2	357	62		6	60.00	40.85	30.75-0.13			0.00	1.00		3.670M	.77	3.85 L
ULC	ME	EHZ		188.0	340	62	P		50.40	31.25	31.16	0.00	0.09	1.10					0.078
BCI	AC	HHN	1	220.7	0	56	S		81.46	62.31	62.19-0.19		0.31	1.10S					0.195
BCI	AC	HHZ	1	220.7	0	56	P		55.09	35.94	35.54-0.11		0.51*	1.10					0.081
BCI	AC	HHE	1	220.7	0	56		6	60.00	40.85	35.54-0.11			0.00	1.00		6.720M	.86	4.30 L
BUM	ME	EHZ		233.7	337	56	P		55.19	36.04	37.26	0.00	-1.22*	1.05					0.084
THE	HT	HHN	0	249.3	82	56	S		87.45	68.30	68.81	0.00	-0.51*	1.10S					0.281
THE	HT	HHZ	0	249.3	82	56	P		58.55	39.40	39.32	0.00	0.08	1.10					0.114
THE	HT	HHE	0	249.3	82	56		6	60.00	40.85	39.32	0.00		0.00	1.00		0.900M	.87	3.56 L
NOCI	IV	HHN	0	256.2	282	56	S		94.85	75.70	70.40	0.00	5.30*	0.00S					0.000
NOCI	IV	HHZ	0	256.2	282	56	P		57.29	38.14	40.23	0.00	-2.09*	0.39					0.019
BEY	ME	EHZ		276.9	358	56	P		62.39	43.24	42.97	0.00	0.27	1.10					0.081
BRY	ME	EHZ		306.6	337	56	P		63.45	44.30	46.91	0.00	-2.61*	0.04					0.000
MRVN	IV	HHN	0	333.7	285	56	S		112.91	93.76	88.36	0.00	5.40*	0.00S					0.000
MRVN	IV	HHZ	0	333.7	285	56	P		66.96	47.81	50.49	0.00	-2.68*	0.02					0.000

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
2018-12-29 2306 40.78 41 50.31 19E39.71 19.70 0.03 0.73 0.78 1.12 1.88

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
10 13 29.7 At1 189 8 0 7 2 9 D-A 2 0.04 L 2 0.05 D

ERROR ELLIPSE: <SERR AZ DIP>-< 1.07 13 46>-< 0.59 206 42>-< 0.37 111 6>  
REGION= Rraboshte, 6 Km V Lezhë ( Rraboshte, 6 Km V Lezhë, Lezha Region, Albania )

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE	
PUK	AC	HHN	4		29.7	40	119		6	0.00	-40.78	6.37	-0.13		0.00		0.000	1.00		0.110M	.05	1.08 L
								S		51.69	10.91	11.15	-0.23	-0.01	1.00S		0.933					
PUK	AC	HHE	4		29.7	40	119		6	0.00	-40.78	6.37	-0.13		0.00		0.000	1.00		0.130M	.21	1.16 L
ULC	ME	EHZ			36.9	293	113	P		48.24	7.46	7.46	0.00	-0.00	1.00		0.792					
PHP	AC	HHZ	2		67.0	104	71	P		52.79	12.01	12.27	-0.29	0.03	1.00		0.384	1.00	22.0	1.92	D	
PHP	AC	HHN	2		67.0	104	71	S		61.71	20.93	21.47	-0.51	-0.03	1.00S		0.654					
BCI	AC	HHZ	1		67.6	29	71	P		52.57	11.79	12.36	-0.11	-0.46	0.00		0.000	1.00	20.0	1.83	D	
BCI	AC	HHN	1		67.6	29	71	S		62.95	22.17	21.63	-0.19	0.73*	0.00S		0.000					
PVY	ME	EHZ			87.9	16	71	P		56.42	15.64	15.60	0.00	0.04	1.00		0.475					
HCY	ME	EHZ			118.3	306	71	P		61.23	20.45	20.45	0.00	0.00	1.00		0.376					
NKME	ME	EHZ			118.3	331	71	P		61.20	20.42	20.46	0.00	-0.04	1.00		0.383					

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

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-01 2156 10.52 37 48.33 20E 5.44 7.46 0.52 3.80 2.19 3.95 4.09 4.0

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 27 36 119.9 At1 308 13 2 19 9 21 D-D 7 0.25 L 8 0.06 D

ERROR ELLIPSE: <SERR AZ DIP>-< 4.39 131 29>-< 2.06 38 6>-< 1.78 297 59>

SOURCE

REGION= Deti Jon, Greqi (Ionian Sea, Greece)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
LKD2	HT	HHZ	0		119.9	24	90	PGU		31.85	21.33	21.23	0.00	0.10	1.08		0.331	1.00	157	3.94	D
LKD2	HT	HHE	0		119.9	24	90	SG		47.68	37.16	37.15	0.00	0.01	1.08S		0.778				
LKD2	HT	HHN	0		119.9	24	90		6	0.00	-10.52	21.23	0.00	0.00	0.00		0.000	1.00		13M .60	3.95 L
SRN	AC	HHZ	20		230.4	359	50	P		49.21	38.69	38.66	0.37	-0.34	1.08		0.102	1.00	137	3.88	D
SRN	AC	HHE	20		230.4	359	50	S		78.95	68.43	67.65	0.65	0.13	1.08S		0.167				
LSK	AC	HHZ	21		264.0	9	50	PND		54.25	43.73	43.09	-0.13	0.77*	1.08		0.125	1.00	158	4.05	D
LSK	AC	HHN	21		264.0	9	50		6	60.00	49.48	43.09	-0.13	0.00	0.00		0.000	1.00		3.790M .63	4.24 L
								SN		86.10	75.58	75.41	-0.23	0.40	1.08S		0.186				
SCTE	IV	HHZ	0		288.8	332	50	P		56.90	46.38	46.37	0.00	0.01	1.08		0.254				
SCTE	IV	HHN	0		288.8	332	50	S		91.98	81.46	81.15	0.00	0.31	1.08S		0.579				
SCTE	IV	HHE	0		288.8	332	50		6	60.00	49.48	46.37	0.00	0.00	0.00		0.000	1.00		1.990M .57	4.06 L
KBN	AC	HHZ	17		318.6	10	50	P		59.63	49.11	50.32	-0.47	-0.74*	1.08		0.131				
KBN	AC	HHN	17		318.6	10	50	S		97.89	87.37	88.06	-0.82	0.13	1.08S		0.195				
FNA	HT	HHZ	1		348.8	18	50	P		65.25	54.73	54.31	0.00	0.42	1.08		0.200	1.00	165	4.15	D
FNA	HT	HHN	1		348.8	18	50	S		105.59	95.07	95.04	0.00	0.03	1.08S		0.330				
TIR	MN	HHN	0		393.8	358	50	S		114.60	104.08	105.45	0.00	-1.37*	0.64S		0.060				
TIR	MN	HHE	0		393.8	358	50		6	120.00	109.48	60.26	0.00	0.00	0.00		0.000	1.00		0.390M .95	3.70 L
THE	HT	HHZ	0		400.0	37	50	P		67.05	56.53	61.09	0.00	-4.56*	0.00		0.000				
THE	HT	HHE	0		400.0	37	50		6	60.00	49.48	61.09	0.00	0.00	0.00		0.000	1.00		0.200M .56	3.43 L
PUK	AC	HHZ	4		470.8	359	50	P		79.53	69.01	70.45	-0.13	-1.31*	0.71		0.044	1.00	151	4.14	D
PUK	AC	HHN	4		470.8	359	50	S		132.04	121.52	123.29	-0.23	-1.54*	0.44S		0.027				
PUK	AC	HHE	4		470.8	359	50		6	120.00	109.48	70.45	-0.13	0.00	0.00		0.000	1.00		0.390M .43	3.90 L
BCI	AC	HHZ	1		506.5	0	50	P		85.07	74.55	75.17	-0.11	-0.51*	1.08		0.102				
BCI	AC	HHN	1		506.5	0	50	S		141.76	131.24	131.55	-0.19	-0.12	1.08S		0.163				
BCI	AC	HHE	1		506.5	0	50		6	120.00	109.48	75.17	-0.11	0.00	0.00		0.000	1.00		0.720M .50	4.24 L
PVY	ME	EHZ			531.9	359	50	P		89.01	78.49	78.53	0.00	-0.04	1.08		0.102	1.00	133	4.05	D
HCY	ME	EHZ			533.2	346	50	P		86.52	76.00	78.71	0.00	-2.71*	0.00		0.000	1.00	159	4.23	D
UPM	ME	EHZ			607.6	351	50	P		99.94	89.42	88.55	0.00	0.87*	1.06		0.115	1.00	135	4.12	D

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-02 0352 39.50 42 23.91 20E46.97 22.39 0.23 1.08 3.08 2.48 3.33 2.5

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 15 19 59.0 At1 223 12 1 10 4 12 D-C 3 0.01 L 7 0.09 D

ERROR ELLIPSE: <SERR AZ DIP>-< 3.26 276 70>-< 0.99 41 11>-< 0.61 136 15>  
 REGION= Kosovë (Kosovo)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
BCI	AC	HHN	1		59.0	267	90	SG		58.64	19.14	19.22	-0.19	0.12	1.10S		0.393				
BCI	AC	HHE	1		59.0	267	90		6	60.00	20.50	10.98	-0.11		0.00		0.000	1.00		1.430M .60	2.48 L
PVY	ME	EHZ			70.0	289	90	P		51.87	12.37	12.73	0.00	-0.36	1.10		0.275	1.00	90.0	3.35	D
PUK	AC	HHZ	4		83.4	243	90	PGU		54.18	14.68	14.88	-0.13	-0.07	1.10		0.190	1.00	79.0	3.22	D
PUK	AC	HHE	4		83.4	243	90	SG		64.99	25.49	26.04	-0.23	-0.32	1.10S		0.378				
PUK	AC	HHN	4		83.4	243	90		6	60.00	20.50	14.88	-0.13		0.00		0.000	1.00		0.790M .41	2.49 L
TIR	MN	HHZ	0		139.4	214	90	P		66.61	27.11	23.80	0.00	3.31*	0.00		0.000				
TIR	MN	HHN	0		139.4	214	90	S		81.46	41.96	41.65	0.00	0.31	1.10S		0.551				
TIR	MN	HHE	0		139.4	214	90		6	60.00	20.50	23.80	0.00		0.00		0.000	1.00		0.150M .50	2.17 L
PLE	ME	EHZ			153.6	313	90	P		64.36	24.86	26.06	0.00	-1.20*	0.01		0.000	1.00	91.0	3.41	D
BUM	ME	EHZ			155.5	267	90	P		65.91	26.41	26.37	0.00	0.04	1.10		0.168	1.00	55.0	2.91	D
UPM	ME	EHZ			177.4	301	90	P		69.49	29.99	29.86	0.00	0.13	1.10		0.392	1.00	90.0	3.42	D
FNA	HT	HHZ	1		186.4	164	62	P		70.85	31.35	31.15	0.00	0.20	1.10		0.397	1.00	82.0	3.33	D
FNA	HT	HHN	1		186.4	164	62	S		93.77	54.27	54.51	0.00	-0.24	1.10S		0.658				
HCY	ME	EHZ			188.9	273	62	P		71.26	31.76	31.51	0.00	0.25	1.10		0.592	1.00	67.0	3.13	D

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-02 0727 42.27 37 40.49 20E41.40 18.00 0.08 0.98 1.35 3.43 3.66 3.4

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 10 15 123.7 At1 295 5 0 10 5 10 D-A 5 0.08 L 5 0.07 D

ERROR ELLIPSE: <SERR AZ DIP>-< 1.63 149 55>-< 0.98 239 0>-< 0.82 327 34>  
 REGION= Deti Jon, Rajoni Greqi (Ionian Sea, Greece Region)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
LKD2	HT	HHZ	0		123.7	359	71	P		63.57	21.30	21.40	0.00	-0.10	1.00		0.417	1.00	102	3.51	D
LKD2	HT	HHE	0		123.7	359	71		6	60.00	17.73	21.40	0.00		0.00		0.000	1.00		3.500M .43	3.43 L
										79.83	37.56	37.45	0.00	0.11	0.95S		0.739				
SRN	AC	HHZ	20		252.0	347	51	P		83.01	40.74	40.38	0.37	-0.01	1.01		0.193	1.00	117	3.73	D
SRN	AC	HHE	20		252.0	347	51		6	60.00	17.73	40.38	0.37		0.00		0.000	1.00		0.540M .93	3.35 L
										113.66	71.39	70.66	0.65	0.08	1.01S		0.260				
LSK	AC	HHN	21		274.9	359	51		6	60.00	17.73	43.40	-0.13		0.00		0.000	1.00		0.540M .50	3.44 L
										118.06	75.79	75.95	-0.23	0.07	1.01S		0.296				
SCTE	IV	HHZ	0		329.1	325	51	P		92.90	50.63	50.58	0.00	0.05	1.01		0.393	1.00	110	3.72	D
SCTE	IV	HHE	0		329.1	325	51		6	120.00	77.73	50.58	0.00		0.00		0.000	1.00		0.690M1.08	3.75 L

						S		130.71	88.44	88.51	0.00	-0.08	1.01S		0.578							
FNA	HT	HHZ	1	350.1	9	51	P	95.55	53.28	53.35	0.00	-0.07	1.01	0.223	1.00	102	3.66	D				
FNA	HT	HHE	1	350.1	9	51		6	120.00	77.73	53.35	0.00		0.00	1.00				0.110M	.43	3.02	L
							S	135.74	93.47	93.36	0.00	0.11	0.97S		0.409							
THE	HT	HHZ	0	382.6	30	51	P	99.85	57.58	57.65	0.00	-0.07	1.01	0.488	1.00	72.0	3.33	D				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-02 1128 19.15 37 36.01 20E24.51 17.77 0.25 4.67 4.68 3.51 3.69 3.5

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 8 12 133.8 At1 317 6 0 7 3 8 D-C 4 0.19 L 4 0.06 D

ERROR ELLIPSE: <SERR AZ DIP><-< 6.61 155 45><-< 2.41 59 7><-< 1.67 321 44>  
 REGION= Deti Jon, Rajoni Greqi (Ionian Sea, Greece Region)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE		
LKD2	HT	HHZ	0	133.8	9	71	P		42.44	23.29	23.02	0.00		0.27	1.02	0.984	1.00	85.0	3.33	D			
LKD2	HT	HHN	0	133.8	9	71		6	0.00	-19.15	23.02	0.00		0.00	0.00	0.000	1.00			2.440M	.56	3.34	L
							S		56.46	37.31	40.28	0.00	-2.97*	0.00S		0.000							
SRN	AC	HHZ	20	255.6	353	51	P		60.58	41.43	40.87	0.37	0.19	1.02	0.279	1.00	108	3.66	D				
SRN	AC	HHN	20	255.6	353	51		6	60.00	40.85	40.87	0.37		0.00	0.000	1.00				0.230M	.68	2.99	L
							S		91.56	72.41	71.52	0.65	0.24	1.02S		0.404							
LSK	AC	HHN	21	283.5	3	51		6	60.00	40.85	44.57	-0.13		0.00	0.000	1.00				0.940M	.89	3.72	L
							S		97.26	78.11	78.00	-0.23	0.34	0.96S		0.544							
SCTE	IV	HHZ	0	322.5	330	51	P		68.69	49.54	49.73	0.00	-0.19	1.02	0.516	1.00	110	3.72	D				
SCTE	IV	HHE	0	322.5	330	51		6	60.00	40.85	49.73	0.00		0.00	0.000	1.00				0.610M	1.10	3.67	L
							S		106.04	86.89	87.03	0.00	-0.14	1.02S		0.703							
FNA	HT	HHZ	1	363.1	13	51	P		73.90	54.75	55.10	0.00	-0.35	0.95	0.566	1.00	113	3.77	D				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-04 1614 42.89 37 25.17 20E16.44 18.00 0.22 1.88 31.61 3.98 4.23 4.0

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 15 21 155.7 At1 319 5 0 10 6 11 D-C 4 0.15 L 3 0.02 D

ERROR ELLIPSE: <SERR AZ DIP><-< 31.61 0 90><-< 1.88 276 0><-< 1.66 5 0>  
 REGION= Deti Jon, Greqi (Ionian Sea, Greece)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE		
LKD2	HT	HHZ	0	155.7	12	71	P		67.44	24.55	26.50	0.00	-1.95*	0.00	0.000	1.00	162	4.00	D				
LKD2	HT	HHN	0	155.7	12	71		S	89.69	46.80	46.38	0.00	0.42	0.67S		0.237							
LKD2	HT	HHE	0	155.7	12	71		6	60.00	17.11	26.50	0.00		0.00	0.000	1.00				10M	.50	4.09	L
SRN	AC	HHZ	20	274.2	356	51	P		86.65	43.76	43.31	0.37	0.08	1.05	0.250								
SRN	AC	HHE	20	274.2	356	51		S	119.47	76.58	75.79	0.65	0.14	1.05S		0.220							
SRN	AC	HHN	20	274.2	356	51		6	120.00	77.11	43.31	0.37		0.00	0.000	1.00				0.790M	.72	3.61	L
LSK	AC	HHZ	21	304.4	5	51	P		90.21	47.32	47.31	-0.13	0.14	1.05	0.245	1.00	184	4.23	D				

LSK	AC	HHN	21	304.4	5	51	S		125.70	82.81	82.79	-0.23	0.25	1.04S	0.203											
LSK	AC	HHE	21	304.4	5	51		6	120.00	77.11	47.31	-0.13		0.00	0.000	1.00							2.140M	.77	4.15	L
SCTE	IV	HHE	0	334.2	333	51	S		132.43	89.54	89.69	0.00	-0.15	1.05S	0.812											
KBN	AC	HHZ	17	358.5	6	51	P		97.03	54.14	54.46	-0.47	0.15	1.05	0.249	1.00	182						4.25	D		
KBN	AC	HHN	17	358.5	6	51	S		137.57	94.68	95.31	-0.82	0.20	1.05S	0.210											
KBN	AC	HHE	17	358.5	6	51		6	120.00	77.11	54.46	-0.47		0.00	0.000	1.00							0.710M	1.17	3.86	L
FNA	HT	HHZ	1	385.4	14	51	P		101.20	58.31	58.02	0.00	0.29	1.01	0.283											
FNA	HT	HHE	1	385.4	14	51	S		144.72	101.83	101.54	0.00	0.29	1.00S	0.287											

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
2018-12-05 0910 21.71 37 38.17 20E 2.12 17.54 0.01 2.15 1.97 3.63 3.62 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  
9 14 139.1 At1 312 9 0 7 4 9 D-B 4 0.11 L 4 0.13 D

ERROR ELLIPSE: <SERR AZ DIP>-< 2.91 143 42>-< 0.81 4 39>-< 0.70 254 21>  
REGION= Deti Jon, Rajoni Greqi (Ionian Sea, Greece Region)

STA NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE							
LKD2	HT	HHZ	0	139.1	22	71	P		45.57	23.86	23.88	0.00	-0.02	1.14		0.490	1.00	80.0	3.27	D							
LKD2	HT	HHN	0	139.1	22	71		6	60.00	38.29	23.88	0.00		0.00	0.000	1.00						4.930M	.72	3.68	L		
							S		63.51	41.80	41.79	0.00	0.01	1.14S	0.835												
SRN	AC	HHZ	20	249.1	0	51	P		62.14	40.43	40.04	0.37	0.02	1.14	0.394	1.00	96.0	3.53	D								
SRN	AC	HHE	20	249.1	0	51		6	60.00	38.29	40.04	0.37		0.00	0.000	1.00							0.440M	.60	3.25	L	
							S		92.43	70.72	70.07	0.65	0.00	1.14S	0.347												
LSK	AC	HHE	21	283.3	9	51		6	60.00	38.29	44.56	-0.13		0.00	0.000	1.00							1.080M	.74	3.78	L	
							S		99.46	77.75	77.98	-0.23	-0.00	1.14S	0.656												
SCTE	IV	HHZ	0	303.2	334	51	P		68.91	47.20	47.20	0.00	-0.00	1.14	0.467	1.00	110	3.71	D								
SCTE	IV	HHN	0	303.2	334	51		6	60.00	38.29	47.20	0.00		0.00	0.000	1.00							0.560M	.66	3.57	L	
							S		104.30	82.59	82.60	0.00	-0.01	1.14S	0.807												
FNA	HT	HHZ	1	368.1	18	51	P		77.23	55.52	55.79	0.00	-0.27	0.03	0.000	1.00	115	3.79	D								
FNA	HT	HHN	1	368.1	18	51	S		118.09	96.38	97.63	0.00	-1.25*	0.00S	0.000												

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
2018-12-06 1626 33.25 37 37.77 19E 49.73 18.00 0.10 2.74 3.51 2.98 3.34 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  
10 14 147.8 At1 308 6 0 9 4 9 D-C 4 0.13 L 5 0.33 D

ERROR ELLIPSE: <SERR AZ DIP>-< 4.46 142 52>-< 1.08 4 29>-< 0.76 261 21>  
REGION= Deti Jon, Rajoni Greqi (Ionian Sea, Greece Region)

STA NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE							
LKD2	AC	HHZ		147.8	29	71	P		58.49	25.24	25.24	0.00	-0.00	1.18		0.487	1.00	85.0	3.34	D							
LKD2	AC	HHE		147.8	29	71		6	60.00	26.75	25.24	0.00		0.00	0.000	1.00							1.400M	.51	3.19	L	
							S		77.28	44.03	44.17	0.00	-0.14	1.16S	0.830												

SRN	AC	HHZ	250.3	3	51	P	73.79	40.54	40.15	0.37	0.02	1.18	0.237	0.00	99.0	2.97	D			
SRN	AC	HHE	250.3	3	51	6	60.00	26.75	40.15	0.37		0.00	0.000	1.00			0.250M .50	3.01	L	
						S	104.38	71.13	70.26	0.65	0.22	0.50S	0.189							
LSK	AC	HHZ	287.7	13	51	P	78.18	44.93	45.09	-0.13	-0.03	1.18	0.469	0.00	101	3.01	D			
LSK	AC	HHN	287.7	13	51	6	60.00	26.75	45.09	-0.13		0.00	0.000	0.00			0.270M .57		L	
						S	112.15	78.90	78.91	-0.23	0.22	0.50S	0.370							
SCTE	AC	HHZ	296.3	337	51	P	82.00	48.75	46.24	2.49	0.02	1.18	0.459	1.00	107	3.67	D			
SCTE	AC	HHN	296.3	337	51	6	60.00	26.75	46.24	2.49		0.00	0.000	1.00			0.140M1.36	2.94	L	
						S	118.44	85.19	80.92	4.36	-0.09	1.18S	0.818					0.050M .63	2.75	L
FNA	AC	HHN	374.8	20	51	6	120.00	86.75	56.63	-0.22		0.00	0.000	1.00						
TIR	AC	HHZ	412.8	0	51	P	94.82	61.57	61.65	0.10	-0.18	0.94	0.136	1.00	84.0	3.51	D			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH-M	RMS	ERH	ERZ	XMAG1	FMAG1	PMAG
2018	12	06	2104	26.53	37 36.18	20E14.02	18.00	0.17	1.19	1.52	3.63	3.77 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
15	22	136.8	Atl	298	5	0	14	7	15	D-B	6 0.16 L	8 0.16 D			

ERROR ELLIPSE: <SERR AZ DIP>-< 1.93 165 51>-< 1.20 277 16>-< 0.93 19 33>  
 REGION= Deti Jon, Rajoni Greqi (Ionian Sea, Greece Region)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE	
LKD2	AC	HHZ			136.8	15	71	P		50.09	23.56	23.49	0.00	0.07	1.10		0.375	1.00	119	3.67	D	
LKD2	AC	HHE			136.8	15	71	6	60.00	33.47	23.49	0.00			0.00		0.000	1.00		7.960M .30	3.87	L
								S	67.46	40.93	41.11	0.00	-0.18	1.10S			0.754					
SRN	AC	HHZ			253.6	356	51	P		67.75	41.22	40.59	0.37	0.26	1.09		0.168	0.00	112	3.09	D	
SRN	AC	HHE			253.6	356	51	6	60.00	33.47	40.59	0.37			0.00		0.000	1.00		1.270M .81	3.73	L
								S	98.29	71.76	71.03	0.65	0.08	1.10S			0.280					
LSK	AC	HHZ			284.5	6	51	P		71.22	44.69	44.68	-0.13	0.14	1.10		0.146	0.00	123	3.21	D	
LSK	AC	HHN			284.5	6	51	6	60.00	33.47	44.68	-0.13			0.00		0.000	0.00		2.970M .87		L
								S	104.41	77.88	78.19	-0.23	-0.08	1.10S			0.201					
SCTE	AC	HHZ			314.6	332	51	P		77.51	50.98	48.65	2.49	-0.16	1.10		0.398	1.00	126	3.85	D	
SCTE	AC	HHN			314.6	332	51	6	60.00	33.47	48.65	2.49			0.00		0.000	1.00		0.460M .69	3.52	L
								S	116.53	90.00	85.14	4.36	0.51*	0.35S			0.081					
FNA	AC	HHZ			366.6	15	51	P		82.02	55.49	55.54	-0.22	0.17	1.10		0.164	1.00	135	3.96	D	
FNA	AC	HHE			366.6	15	51	6	120.00	93.47	55.54	-0.22			0.00		0.000	1.00		0.280M .80	3.48	L
								S	123.27	96.74	97.19	-0.38	-0.07	1.10S			0.222					
THE	AC	HHZ			410.9	34	51	P		88.04	61.51	61.39	0.00	0.12	1.10		0.343	1.00	101	3.69	D	
THE	AC	HHN			410.9	34	51	6	120.00	93.47	61.39	0.00			0.00		0.000	1.00		0.200M1.22	3.46	L
								S	133.67	107.14	107.43	0.00	-0.29	1.05S			0.548					
TIR	AC	HHZ			417.0	356	51	P		89.30	62.77	62.20	0.10	0.47	0.48		0.033	1.00	124	3.90	D	
TIR	AC	HHE			417.0	356	51	6	120.00	93.47	62.20	0.10			0.00		0.000	1.00		0.430M1.17	3.80	L
								S	135.55	109.02	108.85	0.17	-0.00	1.10S			0.280					
NOCI	AC	HHZ			447.3	324	51	P		96.02	69.49	66.22	4.44	-1.17*	0.00		0.000	1.00	138	4.03	D	

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH-M	RMS	ERH	ERZ	XMAG1	FMAG1	PMAG
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2018-12-07 1134 37.45 37 47.82 20E59.31 10.49 0.15 2.46 1.63 3.39 3.92 4.0

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
9 14 113.9 At1 316 14 0 7 4 9 D-B 3 0.04 L 4 0.03 D

ERROR ELLIPSE: <SERR AZ DIP>-< 2.95 167 33>-< 1.40 72 9>-< 1.05 327 54>

REGION= Deti Jon, Rajoni Greqi (Ionian Sea, Greece Region)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE		
LKD2	HT	HHZ	0		113.9	346	78	P		57.62	20.17	20.21	0.00	-0.04	1.14		0.977	1.00	113	3.61	D		
LKD2	HT	HHE	0		113.9	346	78		6	60.00	22.55	20.21	0.00		0.00		0.000	1.00		1.640M	.54	3.02	L
								S		72.12	34.67	35.37	0.00	-0.70*	0.05S		0.009						
SRN	AC	HHZ	20		246.6	340	50	P		78.25	40.80	40.47	0.37	-0.04	1.14		0.462	1.00	140	3.91	D		
SRN	AC	HHN	20		246.6	340	50	S		109.07	71.62	70.82	0.65	0.15	1.14S		0.310						
LSK	AC	HHN	21		263.4	353	50		6	60.00	22.55	42.68	-0.13		0.00		0.000	1.00		0.580M	.69	3.43	L
								S		112.11	74.66	74.69	-0.23	0.20	1.14S		0.341						
FNA	HT	HHZ	1		333.1	5	50	P		89.46	52.01	51.91	0.00	0.10	1.14		0.594	1.00	140	3.97	D		
FNA	HT	HHN	1		333.1	5	50	S		128.02	90.57	90.84	0.00	-0.27	1.13S		0.570						
SCTE	IV	HHZ	0		334.4	321	50	P		88.56	51.11	52.08	0.00	-0.97*	0.00		0.000	1.00	135	3.93	D		
SCTE	IV	HHN	0		334.4	321	50		6	120.00	82.55	52.08	0.00		0.00		0.000	1.00		0.290M	1.15	3.39	L
								S		128.46	91.01	91.14	0.00	-0.13	1.14S		0.733						

YEAR MO DA --ORIGIN-- --LAT N-- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
2018-12-11 0411 44.32 39 31.75 23E56.41 7.00 0.34 2.10 3.16 3.83 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  
17 25 148.1 At1 311 5 0 14 8 16 D-D 8 0.26 L

ERROR ELLIPSE: <SERR AZ DIP>-< 31.61 0 90>-< 2.10 271 0>-< 1.46 0 0>

REGION=Deti Egje ( Aegean Sea )

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE		
THE	HT	HHZ	0		148.1	327	68	P		70.53	26.21	25.96	0.00	0.25	1.09		0.325						
THE	HT	HHN	0		148.1	327	68		6	60.00	15.68	25.96	0.00		0.00		0.000	1.00		3.930M	.92	3.63	L
								S		90.10	45.78	45.43	0.00	0.35	1.09S		0.455						
FNA	HT	HHZ	1		258.5	304	50	P		85.65	41.33	42.42	0.00	-1.09*	0.00		0.000						
FNA	HT	HHE	1		258.5	304	50		6	60.00	15.68	42.42	0.00		0.00		0.000	1.00		0.470M	.50	3.31	L
								S		118.43	74.11	74.24	0.00	-0.12	1.09S		0.135						
LSK	AC	HHZ	21		294.3	285	50	P		91.65	47.33	47.15	-0.13	0.31	1.09		0.179						
LSK	AC	HHN	21		294.3	285	50		6	120.00	75.68	47.15	-0.13		0.00		0.000	1.00		4.750M	.68	4.46	L
								S		126.53	82.21	82.51	-0.23	-0.07	1.09S		0.235						
SRN	AC	HHZ	20		340.2	278	50	P		98.22	53.90	53.23	0.37	0.30	1.09		0.208						
SRN	AC	HHE	20		340.2	278	50		6	120.00	75.68	53.23	0.37		0.00		0.000	1.00		0.670M	.60	3.77	L
								S		137.82	93.50	93.15	0.65	-0.30	1.09S		0.308						
VLO	AC	HHZ	16		393.8	287	50	P		104.28	59.96	60.32	-0.70	0.34	1.09		0.173						
VLO	AC	HHE	16		393.8	287	50		6	120.00	75.68	60.32	-0.70		0.00		0.000	1.00		2.070M	.62	4.42	L
								S		149.06	104.74	105.56	-1.23	0.41	1.09S		0.216						
TIR	MN	HHZ	0		400.5	302	50	P		106.08	61.76	61.21	0.00	0.55*	0.96		0.137						



TIR	MN	HHE	0	400.5	302	50	6	120.00	75.68	61.21	0.00	0.00	0.000	1.00	0.410M	1.46	3.74	L
PUK	AC	HHZ	4	441.3	311	50	P	109.52	65.20	66.60	-0.13	-1.27*	0.00	0.000				
PUK	AC	HHE	4	441.3	311	50	6	120.00	75.68	66.60	-0.13	0.00	0.000	1.00	0.440M	.69	3.88	L
BCI	AC	HHN	1	453.6	316	50	S	160.08	115.76	116.55	-0.23	-0.56*	0.94S	0.109				
BCI	AC	HHE	1	453.6	316	50	6	180.00	135.68	68.22	-0.11	0.00	0.000	1.00	0.760M	1.36	4.14	L
SCTE	IV	HHZ	0	472.9	280	50	P	114.69	70.37	70.77	0.00	-0.40	1.09	0.198				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-11 0703 16.99 39 39.92 20E31.31 14.31 0.14 1.38 0.98 2.19 2.71 2.2

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 9 14 50.6 At1 269 14 0 7 4 9 D-A 3 0.33 L 2 0.20 D

ERROR ELLIPSE: <SERR AZ DIP>-< 1.38 335 2>-< 1.01 236 74>-< 0.51 67 15>  
 REGION= Greqi (Greece)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE		
SRN	AC	HHZ	20		50.6	299	93	PG		26.63	9.64	9.47	0.37	-0.20	1.13		0.494	1.00	40.0	2.51	D		
SRN	AC	HHE	20		50.6	299	93	6		0.00	-16.99	9.47	0.37		0.00		0.000	1.00		0.470M	.21	1.86	L
LSK	AC	HHZ	21		54.2	6	92	PG		27.00	10.01	10.06	-0.13	0.08	1.13		0.378	1.00	59.0	2.91	D		
LSK	AC	HHE	21		54.2	6	92	6		0.00	-16.99	10.06	-0.13		0.00		0.000	1.00		1.960M	.30	2.53	L
FNA	HT	HHZ	1		144.1	30	71	PG		42.48	25.49	24.84	0.00	0.65*	0.08		0.003						
FNA	HT	HHN	1		144.1	30	71	6		60.00	43.01	24.84	0.00		0.00		0.000	1.00		0.150M	.37	2.19	L
SCTE	IV	HHN	0		181.6	286	71	SG		69.85	52.86	53.93	0.00	-1.08*	0.00S		0.000						
PUK	AC	HHZ	4		269.3	349	51	PN		60.14	43.15	43.05	-0.13	0.23	1.13		0.417						
PUK	AC	HHE	4		269.3	349	51	SN		92.03	75.04	75.34	-0.23	-0.07	1.13S		0.794						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-11 2345 6.15 42 49.85 19E24.25 19.73 0.01 2.96 1.31 2.54 2.5

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 5 5 37.2 At1 260 10 4 5 0 5 CB 4 0.06 D

ERROR ELLIPSE: <SERR AZ DIP>-< 3.08 267 15>-< 1.36 92 74>-< 0.80 357 1>  
 REGION= Mali i Zi (Montenegro)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
NKME	ME	EHZ			37.2	260	113	PU		13.66	7.51	7.50	0.00	0.01	1.00		0.999	1.00	32.0	2.28	D
UPM	ME	EHZ			57.7	316	71	PD		16.94	10.79	10.79	0.00	0.00	1.00		0.964	1.00	39.0	2.49	D
BRY	ME	EHZ			71.0	277	71	PU		19.07	12.92	12.91	0.00	0.01	1.00		0.682	1.00	43.0	2.60	D
BUM	ME	EHZ			72.0	216	71	PD		19.23	13.08	13.07	0.00	0.01	1.00		0.877	1.00	42.0	2.58	D

HCY ME EHZ 86.3 241 71 P 21.50 15.35 15.35 0.00 0.00 1.00 0.475

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
2018-12-12 1018 44.00 41 14.84 20E47.16 18.21 0.06 0.96 3.67 2.39 2.4

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
11 16 72.1 At1 160 16 0 9 4 11 C-B 4 0.05 L

ERROR ELLIPSE: <SERR AZ DIP>-< 3.79 103 75>-< 0.66 226 7>-< 0.27 317 12>  
REGION= Maqedoni, (FYR of Macedonia)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
FNA	AC	HHZ			72.1	135	97	P		56.85	12.85	13.12	-0.22	-0.05	1.02		0.408				
FNA	AC	HHE			72.1	135	97		6	60.00	16.00	13.12	-0.22		0.00		0.000	1.00		0.780M .36	2.38 L
								S		66.62	22.62	22.96	-0.38	0.04	1.02S		0.539				
TIR	AC	HHZ			77.9	279	71	P		58.23	14.23	14.09	0.10	0.04	1.02		0.368				
TIR	AC	HHE			77.9	279	71		6	60.00	16.00	14.09	0.10		0.00		0.000	1.00		0.370M .18	2.11 L
								S		68.87	24.87	24.66	0.17	0.04	1.02S		0.599				
PUK	AC	HHZ			115.5	321	71	P		63.90	19.90	20.09	-0.13	-0.06	1.02		0.210				
PUK	AC	HHN			115.5	321	71		6	60.00	16.00	20.09	-0.13		0.00		0.000	1.00		0.370M .28	2.39 L
								S		78.86	34.86	35.16	-0.23	-0.07	1.02S		0.324				
LSK	AC	HHZ			122.9	188	71	P		65.14	21.14	21.26	-0.13	0.01	1.02		0.872				
LSK	AC	HHN			122.9	188	71		6	60.00	16.00	21.26	-0.13		0.00		0.000	0.00		0.380M .50	L
								S		80.55	36.55	37.21	-0.23	-0.43	0.00S		0.000				
BCI	AC	HHZ			137.9	335	71	P		67.52	23.52	23.66	-0.11	-0.03	1.02		0.247				
BCI	AC	HHN			137.9	335	71		6	60.00	16.00	23.66	-0.11		0.00		0.000	1.00		0.310M .51	2.47 L
								S		85.36	41.36	41.40	-0.19	0.15	0.81S		0.429				
SRN	AC	HHZ			165.8	204	71	P		72.75	28.75	28.10	0.37	0.28	0.00		0.000				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
2018-12-12 1728 37.77 39 31.67 20E15.52 35.64 0.27 1.73 0.91 2.89 2.95 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 23 44.9 At1 259 7 0 13 6 15 D-B 6 0.04 L 3 0.06 D

ERROR ELLIPSE: <SERR AZ DIP>-< 1.74 338 4>-< 0.92 213 81>-< 0.78 69 6>  
REGION= Greqi (Greece)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
SRN	AC	HHZ	20		44.9	331	122	P		47.39	9.62	9.71	0.37	-0.46	1.07		0.300	1.00	62.0	2.95 D	
SRN	AC	HHN	20		44.9	331	122		6	0.00	-37.77	9.71	0.37		0.00		0.000	1.00		1.000M .36	2.24 L
								S		55.27	17.50	16.99	0.65	-0.14	1.08S		0.607				
LSK	AC	HHZ	21		74.9	22	107	P		49.93	12.16	13.94	-0.13	-1.65*	0.00		0.000	1.00	64.0	3.01 D	
LSK	AC	HHN	21		74.9	22	107		S	62.37	24.60	24.39	-0.23	0.43	1.08S		0.427				
LSK	AC	HHE	21		74.9	22	107		6	60.00	22.23	13.94	-0.13		0.00		0.000	1.00		3.680M .68	3.13 L
VLO	AC	HHZ	16		123.1	329	66	P		58.92	21.15	21.27	-0.70	0.58*	0.97		0.097				

KBN	AC	HHN	17	129.8	20	66	6	60.00	22.23	22.21-0.47	0.00	0.000	1.00			0.990M1.08	2.94	L	
							S	74.52	36.75	38.87-0.82	-1.30*	0.00S	0.000						
KBN	AC	HHZ	17	129.8	20	66	P	59.40	21.63	22.21-0.47	-0.11	1.08	0.192	1.00	52.0	2.83	D		
SCTE	IV	HHZ	0	165.0	293	66	P	65.28	27.51	27.21	0.00	0.30	1.08	0.339					
SCTE	IV	HHE	0	165.0	293	66	6	60.00	22.23	27.21	0.00	0.00	0.000	1.00			0.510M .41	2.87	L
							S	85.26	47.49	47.62	0.00	-0.13	1.08S	0.492					
FNA	HT	HHZ	1	169.0	34	66	P	65.52	27.75	27.78	0.00	-0.03	1.08	0.326					
FNA	HT	HHE	1	169.0	34	66	6	60.00	22.23	27.78	0.00	0.00	0.000	1.00			0.510M .56	2.90	L
							S	86.15	48.38	48.61	0.00	-0.24	1.08S	0.335					
PUK	AC	HHZ	4	281.0	354	58	P	80.20	42.43	42.65-0.13	-0.09	1.08	0.121						
PUK	AC	HHN	4	281.0	354	58	6	60.00	22.23	42.65-0.13	0.00	0.00	0.000	1.00			0.130M .77	2.86	L
							S	112.07	74.30	74.64-0.23	-0.11	1.08S	0.387						
ULC	ME	EHZ		283.6	343	58	P	79.74	41.97	43.00	0.00	-1.03*	0.11	0.001					
BCI	AC	HHN	1	315.7	358	58	S	120.29	82.52	82.67-0.19	0.04	1.08S	0.369						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-13 0626 42.65 37 50.81 20E19.65 18.00 0.80 5.94 31.61 4.90 4.9

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 24 31 227.5 At1 286 6 0 19 6 20 D-D 8 0.16 L

ERROR ELLIPSE: <SERR AZ DIP>-< 31.61 0 90>-< 5.94 299 0>-< 3.20 28 0>  
 REGION= Deti Jon ( Ionian Sea )

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
SRN	AC	HHZ	20	227.5	353	51	51	P		81.05	38.40	37.13	0.37	0.90*	1.19		0.083				
SRN	AC	HHN	20	227.5	353	51		6	60.00	17.35	37.13	0.37		0.00	0.000	1.00			17M .68	4.73	L
								S	108.69	66.04	64.98	0.65	0.41	1.19S	0.322						
LSK	AC	HHN	21	256.7	5	51	51	S	114.54	71.89	71.75-0.23	0.37	1.19S	0.199							
LSK	AC	HHE	21	256.7	5	51		6	120.00	77.35	41.00-0.13		0.00	0.000	1.00				48M .87	5.32	L
SCTE	IV	HHZ	0	295.4	328	51	51	P	89.33	46.68	46.12	0.00	0.56*	1.19	0.243						
KBN	AC	HHZ	17	310.8	7	51	51	P	90.24	47.59	48.16-0.47	-0.10	1.19	0.164							
KBN	AC	HHN	17	310.8	7	51		6	120.00	77.35	48.16-0.47		0.00	0.000	1.00				13M1.05	4.95	L
								S	127.06	84.41	84.28-0.82	0.95*	1.19S	0.205							
BPA2	AC	HHZ	15	325.9	350	51	51	P	93.31	50.66	50.15	0.00	0.51*	1.19	0.085						
FNA	HT	HHZ	1	338.3	15	51	51	P	94.39	51.74	51.80	0.00	-0.06	1.19	0.282						
FNA	HT	HHE	1	338.3	15	51		6	120.00	77.35	51.80	0.00	0.00	0.000	1.00				6.400M1.50	4.75	L
								S	133.00	90.35	90.65	0.00	-0.30	1.19S	0.308						
THE	HT	HHZ	0	383.9	35	51	51	P	98.35	55.70	57.82	0.00	-2.12*	0.29	0.049						
THE	HT	HHE	0	383.9	35	51		6	120.00	77.35	57.82	0.00	0.00	0.000	1.00				2.060M .41	4.39	L
TIR	MN	HHZ	0	390.7	355	51	51	P	102.15	59.50	58.72	0.00	0.78*	1.19	0.086						
TIR	MN	HHN	0	390.7	355	51		6	120.00	77.35	58.72	0.00	0.00	0.000	1.00				6.430M1.17	4.91	L
								S	147.96105.31102.76	0.00	2.55*	0.04S	0.000								
NOCI	IV	HHZ	0	431.2	321	51	51	P	107.55	64.90	64.08	0.00	0.82*	1.19	0.329						
ULC	ME	EHZ		466.3	349	51	51	P	110.03	67.38	68.72	0.00	-1.34*	1.08	0.071						
PUK	AC	HHZ	4	467.3	356	51	51	P	110.31	67.66	68.86-0.13	-1.07*	1.18	0.087							
PUK	AC	HHE	4	467.3	356	51		S	162.51119.86120.51-0.23	-0.42	1.19S	0.269									
PUK	AC	HHN	4	467.3	356	51		6	120.00	77.35	68.86-0.13		0.00	0.000	1.00				3.810M .69	4.88	L

BCI	AC	HHZ	1	502.3	358	51	P	115.26	72.61	73.49-0.11	-0.77*	1.19	0.095	
BCI	AC	HHE	1	502.3	358	51	S	173.12130	47128.61-0.19	2.06*	0.36S	0.021		
BCI	AC	HHN	1	502.3	358	51		6	180.00137	35	73.49-0.11	0.00	0.000 1.00	
BUM	ME	EHZ		509.2	347	51	P	115.70	73.05	74.40	0.00	-1.35*	1.07	0.075
HCY	ME	EHZ		534.3	344	51	P	118.43	75.78	77.72	0.00	-1.94*	0.47	0.016

11M .83 5.40 L

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH-M	RMS	ERH	ERZ	XMAG1	FMAG1	PMAG
2018	12	13	0636	36.18	39 48.80	20E37.10	25.01	0.23	0.99	0.84	3.25	2.66 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
16	24	37.4	At1	215	22	0	14	7	16	D-B	8 0.20 L	3 0.13 D	

ERROR ELLIPSE: <SERR AZ DIP>-< 1.08 330 22>-< 0.93 177 64>-< 0.58 64 10>  
REGION= Greqi ( Greece)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
LSK	AC	HHE	21		37.4	358	116		6	0.00-36.18	7.85-0.13				0.00		0.000 1.00			18M .57 3.38 L	
								S		49.62 13.44	13.74-0.23			-0.07	1.00S		0.455				
SRN	AC	HHZ	20		53.4	279	106	P		46.80 10.62	10.23 0.37			0.02	1.00		0.285 1.00	31.0	2.26 D		
SRN	AC	HHE	20		53.4	279	106		6	0.00-36.18	10.23 0.37				0.00		0.000 1.00			4.890M .31 2.95 L	
								S		54.71 18.53	17.90 0.65			-0.02	1.00S		0.430				
KBN	AC	HHZ	17		91.1	9	90	P		51.93 15.75	16.10-0.47			0.12	1.00		0.109 1.00	51.0	2.79 D		
KBN	AC	HHN	17		91.1	9	90		6	60.00 23.82	16.10-0.47				0.00		0.000 1.00			1.340M .77 2.79 L	
								S		63.53 27.35	28.18-0.82			-0.00	1.00S		0.247				
VLO	AC	HHZ	16		120.2	308	90	P		59.34 23.16	20.74-0.70			3.12*	0.00		0.000 1.00	44.0	2.66 D		
VLO	AC	HHE	16		120.2	308	90		6	60.00 23.82	20.74-0.70				0.00		0.000 1.00			5.040M .56 3.57 L	
								S		71.24 35.06	36.29-1.23			-0.01	1.00S		0.331				
FNA	HT	HHZ	1		125.7	30	90	P		57.95 21.77	21.62 0.00			0.15	1.00		0.198				
FNA	HT	HHN	1		125.7	30	90		6	60.00 23.82	21.62 0.00				0.00		0.000 1.00			2.210M .50 3.25 L	
								S		73.84 37.66	37.83 0.00			-0.18	1.00S		0.281				
SCTE	IV	HHZ	0		186.1	280	62	P		66.82 30.64	30.91 0.00			-0.27	1.00		0.268				
SCTE	IV	HHE	0		186.1	280	62		6	60.00 23.82	30.91 0.00				0.00		0.000 1.00			1.450M .28 3.45 L	
								S		88.88 52.70	54.09 0.00			-1.39*	0.00S		0.000				
THE	HT	HHZ	0		219.3	64	56	P		71.57 35.39	35.40 0.00			-0.01	1.00		0.461				
PUK	AC	HHZ	4		255.0	347	56	P		75.92 39.74	40.12-0.13			-0.25	1.00		0.120				
PUK	AC	HHE	4		255.0	347	56		6	60.00 23.82	40.12-0.13				0.00		0.000 1.00			0.260M .63 3.05 L	
								S		106.64 70.46	70.21-0.23			0.48	0.96S		0.335				
BCI	AC	HHZ	1		287.3	351	56	P		80.88 44.70	44.39-0.11			0.42	0.99		0.117				
BCI	AC	HHN	1		287.3	351	56		6	60.00 23.82	44.39-0.11				0.00		0.000 1.00			0.310M 1.00 3.25 L	
								S		113.27 77.09	77.68-0.19			-0.40	1.00S		0.356				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH-M	RMS	ERH	ERZ	XMAG1	FMAG1	PMAG
2018	12	15	2306	12.33	39 13.68	20E31.46	27.13	0.3	2.24	1.56	2.62	2.50 2.6

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
12	17	85.2	At1	306	21	0	9	5	10	D-B	3 0.07 L	3 0.11 D	

ERROR ELLIPSE: <SERR AZ DIP>-< 2.29 169 11>-< 1.80 281 60>-< 1.36 73 26>  
 REGION= Greqi ( Greece)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE		
SRN	AC	HHZ	20		85.2	329	99	P		28.04	15.71	15.26	0.37	0.08	1.12		0.461	1.00	31.0	2.28	D		
SRN	AC	HHN	20		85.2	329	99	S		38.93	26.60	26.70	0.65	-0.75*	0.91S		0.469						
SRN	AC	HHE	20		85.2	329	99		6	0.00	-12.33	15.26	0.37		0.00		0.000	1.00		0.200M	.15	1.92	L
LSK	AC	HHZ	21		102.5	3	96	P		29.74	17.41	17.99	-0.13	-0.45	1.12		0.355	1.00	38.0	2.50	D		
LSK	AC	HHN	21		102.5	3	96	S		43.63	31.30	31.48	-0.23	0.04	1.12S		0.593						
LSK	AC	HHE	21		102.5	3	96		6	0.00	-12.33	17.99	-0.13		0.00		0.000	1.00		0.750M	.57	2.62	L
KBN	AC	HHZ	17		156.6	8	76	P		38.54	26.21	26.51	-0.47	0.17	1.12		0.343	1.00	41.0	2.61	D		
KBN	AC	HHE	17		156.6	8	76	S		58.06	45.73	46.39	-0.82	0.16	1.12S		0.349						
VLO	AC	HHZ	16		163.5	328	62	P		41.31	28.98	27.56	-0.70	2.12*	0.00		0.000						
VLO	AC	HHE	16		163.5	328	62	S		59.44	47.11	48.23	-1.23	0.10	1.12S		0.833						
FNA	HT	HHN	1		187.5	22	62		6	60.00	47.67	30.96	0.00		0.00		0.000	1.00		0.250M	.41	2.69	L
								S		66.26	53.93	54.18	0.00	-0.25	1.12S		0.568						
PUK	AC	HHZ	4		317.1	351	56	P		59.21	46.88	48.14	-0.13	-1.13*	0.23		0.024						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-17 0613 57.34 41 17.67 20E52.21 6.17 0.13 0.53 1.42 2.72 2.99 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  
 18 26 71.5 At1 166 21 0 10 7 13 C-C 7 0.06 L 1 0.00 D

ERROR ELLIPSE: <SERR AZ DIP>-< 1.43 54 82>-< 0.53 247 6>-< 0.23 157 1>  
 REGION= Maqedoni (F.Y.R of Macedonia)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE		
FNA	HT	HHN	1		71.5	142	90	S		79.75	22.41	22.57	0.00	-0.16	1.19S		0.562						
FNA	HT	HHE	1		71.5	142	90		6	60.00	2.66	12.90	0.00		0.00		0.000	1.00		1.630M	.18	2.68	L
KBN	AC	HHE	17		74.8	186	90	S		80.10	22.76	23.59	-0.82	-0.01	1.19S		0.357						
KBN	AC	HHN	17		74.8	186	90		6	60.00	2.66	13.48	-0.47		0.00		0.000	1.00		1.680M	.31	2.72	L
TIR	MN	HHN	0		84.4	275	90	S		83.59	26.25	26.46	0.00	-0.21	1.19S		0.580						
TIR	MN	HHE	0		84.4	275	90		6	60.00	2.66	15.12	0.00		0.00		0.000	1.00		0.910M	.28	2.54	L
NEST	HT	HHZ			98.9	171	90	P		74.35	17.01	17.61	0.00	-0.60*	0.01		0.000	1.00	62.0	2.99	D		
NEST	HT	HHN			98.9	171	90	S		88.04	30.70	30.82	0.00	-0.12	1.19S		0.323						
NEST	HT	HHE			98.9	171	90		6	60.00	2.66	17.61	0.00		0.00		0.000	1.00		0.920M	.40	2.66	L
PUK	AC	HHE	4		116.3	316	90		6	60.00	2.66	20.62	-0.13		0.00		0.000	1.00		0.800M	.21	2.73	L
								S		93.11	35.77	36.08	-0.23	-0.09	1.19S		0.286						
LSK	AC	HHZ	21		129.2	191	90	P		79.37	22.03	22.82	-0.13	-0.66*	0.00		0.000						
LSK	AC	HHN	21		129.2	191	90	S		97.59	40.25	39.93	-0.23	0.54*	0.09S		0.002						
LSK	AC	HHE	21		129.2	191	90		6	60.00	2.66	22.82	-0.13		0.00		0.000	1.00		1.060M	.50	2.94	L
BCI	AC	HHZ	1		136.5	332	90	P		81.50	24.16	24.08	-0.11	0.19	1.19		0.226						
BCI	AC	HHE	1		136.5	332	90		6	60.00	2.66	24.08	-0.11		0.00		0.000	1.00		1.040M	.77	2.98	L
								S		99.15	41.81	42.14	-0.19	-0.14	1.19S		0.325						
SRN	AC	HHN	20		173.5	206	68	S		110.61	53.27	52.59	0.65	0.04	1.19S		0.677						
SRN	AC	HHZ	20		173.5	206	68	P		87.73	30.39	30.05	0.37	-0.03	1.19		0.213						
BEY	ME	EHZ			192.5	336	68	P		90.33	32.99	33.09	0.00	-0.10	1.19		0.444						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-17 0802 21.25 39 25.57 21E57.18 32.25 0.04 0.44 0.73 3.98 3.44 4.0

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 22 32 132.5 At1 207 10 0 19 9 22 D-A 9 0.20 L 12 0.10 D

ERROR ELLIPSE: <SERR AZ DIP>-< 0.77 171 72>-< 0.46 314 14>-< 0.33 46 10>  
 REGION= Greqi (Greece)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE		
LKD2	HT	HHZ	0		132.5	239	92	P		43.86	22.61	22.68	0.00	-0.07	1.02		0.313	1.00	86.0	3.34	D		
LKD2	HT	HHN	0		132.5	239	92		6	60.00	38.75	22.68	0.00		0.00		0.000	1.00		14M	.69	4.12	L
								S		60.94	39.69	39.69	0.00	-0.00	1.02S		0.462						
NEST	HT	HHZ			134.2	326	92	P		44.35	23.10	22.95	0.00	0.15	0.73		0.113	1.00	87.0	3.36	D		
NEST	HT	HHN			134.2	326	92		6	60.00	38.75	22.95	0.00		0.00		0.000	1.00		11M	.43	4.00	L
								S		61.36	40.11	40.16	0.00	-0.05	1.02S		0.475						
LSK	AC	HHZ	21		141.1	306	92	P		44.84	23.59	24.02	-0.13	-0.30	0.00		0.000	1.00	91.0	3.41	D		
LSK	AC	HHE	21		141.1	306	92		6	60.00	38.75	24.02	-0.13		0.00		0.000	1.00		18M	.60	4.28	L
								S		63.06	41.81	42.03	-0.23	0.00	1.02S		0.387						
FNA	HT	HHZ	1		158.2	343	66	P		47.72	26.47	26.45	0.00	0.02	1.02		0.094	1.00	95.0	3.46	D		
FNA	HT	HHN	1		158.2	343	66		6	60.00	38.75	26.45	0.00		0.00		0.000	1.00		7.260M	.37	3.98	L
								S		67.21	45.96	46.29	0.00	-0.33	0.00S		0.000						
THE	HT	HHZ	0		159.2	32	66	P		47.83	26.58	26.60	0.00	-0.02	1.02		0.295	1.00	88.0	3.38	D		
THE	HT	HHN	0		159.2	32	66		6	60.00	38.75	26.60	0.00		0.00		0.000	1.00		3.240M	1.13	3.64	L
								S		67.79	46.54	46.55	0.00	-0.01	1.02S		0.449						
KBN	AC	HHZ	17		166.1	324	66	P		48.35	27.10	27.57	-0.47	-0.00	1.02		0.063	1.00	82.0	3.32	D		
KBN	AC	HHE	17		166.1	324	66		6	60.00	38.75	27.57	-0.47		0.00		0.000	1.00		4.070M	.47	3.78	L
								S		68.64	47.39	48.25	-0.82	-0.03	1.02S		0.155						
SRN	AC	HHZ	20		175.0	288	66	P		50.43	29.18	28.84	0.37	-0.03	1.02		0.076	1.00	77.0	3.26	D		
SRN	AC	HHN	20		175.0	288	66		6	60.00	38.75	28.84	0.37		0.00		0.000	1.00		4.920M	.40	3.91	L
								S		72.39	51.14	50.47	0.65	0.02	1.02S		0.190						
VLO	AC	HHZ	16		239.8	300	58	P		58.05	36.80	37.49	-0.70	0.01	1.02		0.071	1.00	96.0	3.53	D		
VLO	AC	HHN	16		239.8	300	58		S	85.59	64.34	65.61	-1.23	-0.04	1.02S		0.220						
BPA2	AC	HHZ	15		246.2	307	58	P		59.56	38.31	38.33	0.00	-0.02	1.02		0.065	1.00	103	3.60	D		
BPA2	AC	HHN	15		246.2	307	58		6	60.00	38.75	38.33	0.00		0.00		0.000	1.00		6.760M	1.46	4.43	L
								S		88.33	67.08	67.08	0.00	0.00	1.02S		0.204						
TIR	MN	HHZ	0		277.4	321	58	P		64.31	43.06	42.46	0.00	0.60*	0.00		0.000	1.00	95.0	3.54	D		
TIR	MN	HHE	0		277.4	321	58		6	60.00	38.75	42.46	0.00		0.00		0.000	1.00		1.130M	.98	3.78	L
								S		95.54	74.29	74.31	0.00	-0.01	1.02S		0.187						
SCTE	IV	HHZ	0		307.3	285	58	P		67.71	46.46	46.42	0.00	0.04	1.02		0.100	1.00	115	3.75	D		
PUK	AC	HHZ	4		338.7	330	58	P		71.69	50.44	50.57	-0.13	-0.00	1.02		0.071	1.00	121	3.83	D		

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-18 2340 30.84 39 32.76 21E 6.84 79.02 0.57 2.41 4.44 2.59 2.39 2.6

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 16 23 80.2 At1 154 16 0 12 5 14 C-D 6 0.18 L 2 0.02 D

ERROR ELLIPSE: <SERR AZ DIP>-< 4.67 265 72>-< 2.52 94 17>-< 1.50 3 2>  
 REGION= Greqi (Greece)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE			
LSK	AC	HHZ	21		80.2	327	127	P		48.67	17.83	16.96	-0.13	1.00*	0.94		0.075	1.00	34.0	2.37	D			
LSK	AC	HHE	21		80.2	327	127	S	6	60.00	29.16	16.96	-0.13		0.00		0.000	1.00		1.330M	.50	2.92	L	
LKD2	HT	HHZ	0		92.8	206	123	P		60.20	29.36	29.68	-0.23	-0.09	1.05S		0.394							
LKD2	HT	HHE	0		92.8	206	123	S	6	60.00	29.16	18.32	0.00	0.68*	1.05		0.346							
NEST	HT	HHZ			96.6	357	121	P		49.84	19.00	18.32	0.00	0.68*	1.05		0.346							
NEST	HT	HHE			96.6	357	121	S	6	62.26	31.42	32.06	0.00	-0.64*	1.05S		0.668				1.000M	.20	2.86	L
NEST	HT	HHZ			96.6	357	121	P		49.55	18.71	18.74	0.00	-0.03	1.05		0.126							
NEST	HT	HHE			96.6	357	121	S	6	60.00	29.16	18.74	0.00		0.00		0.000	1.00			0.490M	.25	2.57	L
SRN	AC	HHE	20		102.4	292	119	S		63.37	32.53	32.79	0.00	-0.26	1.05S		0.402							
SRN	AC	HHZ	20		102.4	292	119	P	6	62.77	31.93	33.95	0.65	-2.67*	0.00S		0.000							
SRN	AC	HHE	20		102.4	292	119	S	6	60.00	29.16	19.40	0.37		0.00		0.000	1.00			0.500M	.15	2.61	L
KBN	AC	HHZ	17		122.9	347	114	P		53.29	22.45	21.81	-0.47	1.11*	0.85		0.080	1.00	34.0	2.40	D			
KBN	AC	HHE	17		122.9	347	114	S		68.28	37.44	38.17	-0.82	0.09	1.05S		0.223							
KBN	AC	HHE	17		122.9	347	114	S	6	60.00	29.16	21.81	-0.47		0.00		0.000	1.00			0.200M	.36	2.32	L
VLO	AC	HHZ	16		172.0	308	105	S		78.27	47.43	48.88	-1.23	-0.22	1.05S		0.604							
THE	HT	HHZ	0		198.5	52	102	P		61.83	30.99	31.33	0.00	-0.34	1.05		0.571							
THE	HT	HHE	0		198.5	52	102	S	6	60.00	29.16	31.33	0.00		0.00		0.000	1.00			0.120M	.43	2.51	L
PUK	AC	HHZ	4		295.8	341	97	P		82.50	51.66	54.83	0.00	-3.17*	0.00S		0.000							
BCI	AC	HHZ	1		325.4	345	96	P		73.56	42.72	44.01	-0.13	-1.16*	0.80		0.184							
BCI	AC	HHE	1		325.4	345	96	S		78.42	47.58	47.89	-0.11	-0.20	1.05		0.321							

YEAR MO DA --ORIGIN-- --LAT N-- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-19 1434 5.81 39 35.23 20E 2.99 16.12 0.11 1.95 1.40 1.98 2.10 2.0

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 78.2 At1 251 10 0 7 4 8 2 0.07 L 1 0.00 D

ERROR ELLIPSE: <SERR AZ DIP>-< 1.99 165 12>-< 1.44 9 76>-< 0.42 257 5>  
 REGION= Greqi (Greece)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE			
SRN	AC	HHZ	20		32.8	353	109	P		9.82	4.01	6.59	0.37	-2.95*	0.00		0.000							
LSK	AC	HHZ	21		78.2	36	93	P		19.72	13.91	14.10	-0.13	-0.06	1.14		0.602	1.00	26.0	2.10	D			
LSK	AC	HHE	21		78.2	36	93	S		30.29	24.48	24.67	-0.23	0.03	1.14S		0.873							
NEST	HT	HHZ			125.4	42	71	P		28.61	22.80	21.77	0.00	1.03*	0.15		0.010							
NEST	HT	HHN			125.4	42	71	S		43.73	37.92	38.10	0.00	-0.18	1.14S		0.464							
SCTE	IV	HHE	0		145.9	293	71	S		49.64	43.83	43.82	0.00	0.01	1.14S		0.999							
FNA	HT	HHZ	1		174.7	40	71	P		35.50	29.69	29.63	0.00	0.06	1.14		0.575							
FNA	HT	HHE	1		174.7	40	71	S	6	0.00	-5.81	29.63	0.00		0.00		0.000	1.00			0.050M	.54	1.91	L
FNA	HT	HHN	1		174.7	40	71	S		57.80	51.99	51.85	0.00	0.14	1.14S		0.473							
FNA	HT	HHN	1		174.7	40	71	S	6	60.00	54.19	29.63	0.00		0.00		0.000	1.00			0.070M	.62	2.05	L

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-19 1936 1.38 37 27.93 20E56.01 18.00 2.33 7.23 31.61 5.01 5.0

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 32 44 148.9 At1 295 4 0 31 12 31 D-D 11 0.16 L

ERROR ELLIPSE: <SERR AZ DIP>-< 31.61 0 90>-< 7.23 277 0>-< 5.82 6 0>  
 REGION= Deti Jon ( Ionian Sea )

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
LKD2	HT	HHZ	0		148.9	351	71	P		32.22	30.84	25.42	0.00	5.42*	1.42		0.033				
LKD2	HT	HHE	0		148.9	351	71		6	0.00	-1.38	25.42	0.00		0.00		0.000	1.00	92M .89	5.01	L
								S		48.05	46.67	44.49	0.00	2.18*	1.42S		0.192				
SRN	AC	HHZ	20		280.1	344	51	P		46.47	45.09	44.09	0.37	0.63*	1.42		0.052				
SRN	AC	HHN	20		280.1	344	51		6	60.00	58.62	44.09	0.37		0.00		0.000	1.00	7.490M .54	4.61	L
								S		79.82	78.44	77.16	0.65	0.63*	1.42S		0.102				
LSK	AC	HHZ	21		299.4	355	51	P		49.34	47.96	46.65	-0.13	1.44*	1.42		0.052				
LSK	AC	HHN	21		299.4	355	51		6	60.00	58.62	46.65	-0.13		0.00		0.000	1.00	23M .74	5.16	L
								S		82.42	81.04	81.64	-0.23	-0.37	1.42S		0.085				
NEST	HT	HHZ			327.5	1	51	P		53.01	51.63	50.37	0.00	1.26*	1.42		0.064				
NEST	HT	HHN			327.5	1	51		6	60.00	58.62	50.37	0.00		0.00		0.000	1.00	8.140M .74	4.82	L
								S		89.36	87.98	88.15	0.00	-0.17	1.42S		0.101				
KBN	AC	HHZ	17		350.8	358	51	P		56.15	54.77	53.45	-0.47	1.79*	1.42		0.057				
KBN	AC	HHN	17		350.8	358	51		6	60.00	58.62	53.45	-0.47		0.00		0.000	1.00	15M1.36	5.17	L
								S		95.09	93.71	93.54	-0.82	1.00*	1.42S		0.090				
VLO	AC	HHZ	16		355.9	340	51	P		56.21	54.83	54.12	-0.70	1.41*	1.42		0.059				
VLO	AC	HHE	16		355.9	340	51		6	60.00	58.62	54.12	-0.70		0.00		0.000	1.00	17M .41	5.23	L
								S		95.57	94.19	94.71	-1.23	0.70*	1.42S		0.123				
SCTE	IV	HHZ	0		360.5	325	51	P		55.80	54.42	54.73	0.00	-0.31	1.42		0.116				
SCTE	IV	HHE	0		360.5	325	51		S	97.78	96.40	95.78	0.00	0.62*	1.42S		0.259				
SCTE	IV	HHN	0		360.5	325	51		6	60.00	58.62	54.73	0.00		0.00		0.000	1.00	9.180M .57	4.97	L
FNA	HT	HHZ	1		370.2	5	51	P		56.55	55.17	56.01	0.00	-0.84*	1.42		0.077				
FNA	HT	HHN	1		370.2	5	51		6	60.00	58.62	56.01	0.00		0.00		0.000	1.00	7.700M .69	4.93	L
								S		99.66	98.28	98.02	0.00	0.26	1.42S		0.122				
BPA2	AC	HHZ	15		379.9	343	51	P		56.42	55.04	57.29	0.00	-2.25*	1.42		0.053				
THE	HT	HHZ	0		393.0	25	51	P		55.88	54.50	59.02	0.00	-4.52*	1.42		0.196				
THE	HT	HHN	0		393.0	25	51		S	104.56	103.18	103.29	0.00	-0.11	1.42S		0.346				
TIR	MN	HHN	0		440.7	349	51		6	120.00	118.62	65.34	0.00		0.00		0.000	1.00	5.960M .51	5.01	L
								S		120.69	119.31	114.34	0.00	4.96*	1.42S		0.087				
NOCI	IV	HHZ	0		498.2	320	51	P		72.33	70.95	72.94	0.00	-1.99*	1.42		0.144				
PUK	AC	HHZ	4		516.0	351	51	P		74.67	73.29	75.29	-0.13	-1.87*	1.42		0.049				
PUK	AC	HHE	4		516.0	351	51		6	120.00	118.62	75.29	-0.13		0.00		0.000	1.00	6.450M .66	5.22	L
								S		133.99	132.61	131.76	-0.23	1.08*	1.42S		0.084				
ULC	ME	EHZ			519.9	345	51	P		74.84	73.46	75.81	0.00	-2.35*	1.42		0.051				
BCI	AC	HHZ	1		549.2	353	51	P		79.42	78.04	79.69	-0.11	-1.54*	1.42		0.050				
BCI	AC	HHE	1		549.2	353	51		6	120.00	118.62	79.69	-0.11		0.00		0.000	1.00	15M .50	5.66	L
								S		141.32	139.94	139.46	-0.19	0.67*	1.42S		0.083				



BUM	ME	EHZ	564.3	343	51	P	80.03	78.65	81.68	0.00	-3.03*	1.42	0.053
HCY	ME	EHZ	591.3	341	51	P	82.98	81.60	85.26	0.00	-3.66*	1.42	0.057
NKME	ME	EHZ	612.3	345	51	P	86.23	84.85	88.03	0.00	-3.18*	1.42	0.051
UPM	ME	EHZ	659.9	346	51	P	91.93	90.55	94.33	0.00	-3.78*	1.42	0.050
PLE	ME	EHZ	664.2	350	51	P	93.51	92.13	94.90	0.00	-2.77*	1.42	0.048

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-19 2118 12.78 42 6.28 16E53.59 11.76 0.25 1.13 1.71 2.71 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  
 20 24 129.7 At1 205 15 0 16 4 17 D-B 6 0.14 L

ERROR ELLIPSE: <SERR AZ DIP>-< 2.05 303 56>-< 1.24 129 33>-< 0.49 38 3>  
 REGION= Deti Adriatik ( Adriatic Sea )

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
MRVN	IV	HHZ	0		129.7	207	68	P		36.08	23.30	22.72	0.00	0.58*	0.70		0.145				
MRVN	IV	HHE	0		129.7	207	68		6	0.00	-12.78	22.72	0.00		0.00		0.000	1.00		0.330M .40	2.44 L
								S		52.63	39.85	39.76	0.00	0.09	1.14S		0.625				
MRVN	IV	HHN	0		129.7	207	68		6	0.00	-12.78	22.72	0.00		0.00		0.000	1.00		0.420M .40	2.54 L
HCY	ME	EHZ			137.0	73	68	P		37.44	24.66	23.88	0.00	0.78*	0.15		0.003				
NOCI	IV	HHZ	0		146.8	174	68	P		37.98	25.20	25.45	0.00	-0.25	1.14		0.224				
NOCI	IV	HHN	0		146.8	174	68		6	0.00	-12.78	25.45	0.00		0.00		0.000	1.00		0.600M .23	2.81 L
								S		57.17	44.39	44.54	0.00	-0.15	1.14S		0.525				
NOCI	IV	HHE	0		146.8	174	68		6	60.00	47.22	25.45	0.00		0.00		0.000	1.00		0.470M .34	2.70 L
BUM	ME	EHZ			167.2	81	68	P		41.79	29.01	28.69	0.00	0.32	1.14		0.199				
NKME	ME	EHZ			185.1	65	68	P		44.23	31.45	31.55	0.00	-0.10	1.14		0.195				
DRME	ME	HHZ			190.0	86	68	P		45.35	32.57	32.34	0.00	0.23	1.14		0.214				
ULC	ME	EHZ			195.8	93	68	P		46.04	33.26	33.26	0.00	-0.00	1.14		0.241				
UPM	ME	EHZ			205.5	52	55	P		47.26	34.48	34.79	0.00	-0.31	1.14		0.258				
PLE	ME	EHZ			246.0	55	50	P		53.25	40.47	40.24	0.00	0.23	1.14		0.259				
PUK	AC	HHZ	4		248.4	90	50	P		52.80	40.02	40.56	-0.13	-0.41	1.08		0.073				
PUK	AC	HHE	4		248.4	90	50	S		83.58	70.80	70.98	-0.23	0.05	1.14S		0.452				
PUK	AC	HHN	4		248.4	90	50		6	60.00	47.22	40.56	-0.13		0.00		0.000	1.00		0.130M .54	2.71 L
PVY	ME	EHZ			259.6	76	50	P		55.94	43.16	42.05	0.00	1.11*	0.00		0.000				
SCTE	IV	HHZ	0		261.2	149	50	P		55.70	42.92	42.25	0.00	0.67*	0.42		0.015				
BEY	ME	EHZ			261.5	70	50	P		54.85	42.07	42.29	0.00	-0.22	1.14		0.137				
BCI	AC	HHE	1		263.7	82	50		6	60.00	47.22	42.58	-0.11		0.00		0.000	1.00		0.180M .54	2.92 L

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-20 0455 8.21 37 34.48 20E 4.93 18.00 9.32 50.55 31.61 3.85 3.9

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 27 34 143.9 At1 314 4 0 22 7 22 D-D 10 0.25 L

ERROR ELLIPSE: <SERR AZ DIP>-< 50.55 302 0>-< 31.61 0 90>-< 23.61 31 0>

REGION= Deti Jon ( Ionian Sea )

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
LKD2	HT	HHZ	0		143.9	20	71	P		32.02	23.81	24.63	0.00	-0.82*	1.55		0.180				
LKD2	HT	HHE	0		143.9	20	71		6	60.00	51.79	24.63	0.00		0.00		0.000	1.00		2.980M	.95 3.49 L
								S		71.74	63.53	43.10	0.00	20.43*	1.55S		0.322				
SRN	AC	HHZ	20		256.0	359	51	P		45.47	37.26	40.91	0.37	-4.02*	1.55		0.064				
SRN	AC	HHN	20		256.0	359	51	S		94.68	86.47	71.59	0.65	14.23*	1.55S		0.255				
SRN	AC	HHE	20		256.0	359	51		6	60.00	51.79	40.91	0.37		0.00		0.000	1.00		0.490M	.74 3.32 L
LSK	AC	HHZ	21		289.4	8	51	P		47.18	38.97	45.32	-0.13	-6.22*	1.55		0.090				
LSK	AC	HHE	21		289.4	8	51		6	60.00	51.79	45.32	-0.13		0.00		0.000	1.00		1.490M	1.25 3.94 L
								S		97.10	88.89	79.31	-0.23	9.81*	1.55S		0.135				
SCTE	IV	HHZ	0		311.2	334	51	P		57.26	49.05	48.20	0.00	0.85*	1.55		0.222				
SCTE	IV	HHE	0		311.2	334	51		6	60.00	51.79	48.20	0.00		0.00		0.000	1.00		1.450M	.57 4.01 L
SCTE	IV	HHN	0		311.2	334	51		6	60.00	51.79	48.20	0.00		0.00		0.000	1.00		1.700M	.57 4.08 L
VLO	AC	HHZ	16		325.3	352	51	P		57.01	48.80	50.07	-0.70	-0.57*	1.55		0.079				
NEST	HT	HHZ			326.2	14	51	P		50.94	42.73	50.19	0.00	-7.46*	1.55		0.140				
NEST	HT	HHN			326.2	14	51		6	60.00	51.79	50.19	0.00		0.00		0.000	1.00		0.480M	1.00 3.58 L
								S		113.75	105.54	87.83	0.00	17.71*	1.55S		0.134				
KBN	AC	HHZ	17		343.9	9	51	P		54.59	46.38	52.54	-0.47	-5.69*	1.55		0.096				
KBN	AC	HHE	17		343.9	9	51	S		108.30	100.09	91.94	-0.82	8.97*	1.55S		0.130				
KBN	AC	HHN	17		343.9	9	51		6	120.00	111.79	52.54	-0.47		0.00		0.000	1.00		0.680M	1.32 3.79 L
FNA	HT	HHZ	1		373.4	17	51	P		53.36	45.15	56.43	0.00	-11.28*	1.55		0.175				
FNA	HT	HHN	1		373.4	17	51		6	60.00	51.79	56.43	0.00		0.00		0.000	1.00		0.320M	.86 3.55 L
								S		109.19	100.98	98.75	0.00	2.23*	1.55S		0.160				
ULC	ME	EHZ			492.5	352	51	P		73.44	65.23	72.18	0.00	-6.95*	1.55		0.079				
PUK	AC	HHZ	4		496.3	359	51	P		72.30	64.09	72.70	-0.13	-8.48*	1.55		0.064				
PUK	AC	HHN	4		496.3	359	51		6	120.00	111.79	72.70	-0.13		0.00		0.000	1.00		0.350M	.87 3.91 L
								S		141.99	133.78	127.22	-0.23	6.78*	1.55S		0.255				
BCI	AC	HHZ	1		532.1	0	51	P		76.70	68.49	77.42	-0.11	-8.82*	1.55		0.064				
BCI	AC	HHN	1		532.1	0	51		6	120.00	111.79	77.42	-0.11		0.00		0.000	1.00		0.660M	.56 4.26 L
BUM	ME	EHZ			534.3	350	51	P		78.52	70.31	77.72	0.00	-7.41*	1.55		0.089				
HCY	ME	EHZ			557.9	347	51	P		81.99	73.78	80.84	0.00	-7.06*	1.55		0.106				
CEME	ME	HHZ			560.9	351	51	P		80.92	72.71	81.24	0.00	-8.53*	1.55		0.084				
PLE	ME	EHZ			641.7	356	51	P		90.06	81.85	91.93	0.00	-10.08*	1.55		0.067				

YEAR MO DA --ORIGIN-- --LAT N-- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-21 0913 38.69 37 40.90 20E43.83 20.27 0.06 1.59 1.27 3.77 3.64 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  
 9 14 123.1 At1 296 7 0 8 4 9 D-B 5 0.07 L 4 0.15 D

ERROR ELLIPSE: <SERR AZ DIP>-< 2.04 172 38>-< 1.18 288 28>-< 0.80 43 38>  
 REGION= Deti Jon, Rajoni Greqi (Ionian Sea, Greece Region)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
LKD2	HT	HHZ	0		123.1	358	90	P		59.85	21.16	21.20	0.00	-0.04	1.00		0.977	1.00	76.0	3.21 D	
LKD2	HT	HHN	0		123.1	358	90		6	60.00	21.31	21.20	0.00		0.00		0.000	1.00		9.080M	2.61 3.84 L



						S	120.461111.371111.49	0.00	-0.12	1.60S	0.095								
PHP	AC	HHZ	2	459.4	357	51	P	76.27	67.18	67.81-0.29	-0.34	1.60	0.071						
PHP	AC	HHN	2	459.4	357	51		6	120.00110.91	67.81-0.29	0.00	0.000	1.00	0.450M	.87	3.93	L		
							S	125.581116.49118.67	-0.51	-1.67*	1.60S	0.083							
PUK	AC	HHZ	4	504.0	352	51	P	81.88	72.79	73.71-0.13	-0.79*	1.60	0.073						
PUK	AC	HHN	4	504.0	352	51		6	120.00110.91	73.71-0.13	0.00	0.000	1.00	0.420M	.46	4.00	L		
							S	136.44127.35128.99	-0.23	-1.41*	1.60S	0.089							
PUK	AC	HHE	4	504.0	352	51		6	120.00110.91	73.71-0.13	0.00	0.000	1.00	0.440M	.41	4.02	L		
ULC	ME	EHZ		506.7	346	51	P	80.49	71.40	74.07	0.00	-2.67*	1.60	0.085					
BCI	AC	HHZ	1	537.7	354	51	P	86.75	77.66	78.16-0.11	-0.39	1.60	0.072						
BCI	AC	HHE	1	537.7	354	51		6	120.00110.91	78.16-0.11	0.00	0.000	1.00	0.760M	.46	4.33	L		

YEAR MO DA --ORIGIN-- --LAT N-- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
2018-12-23 0633 4.16 45 24.24 20E19.67 18.00 1.57 14.91 31.61 4.15 3.94 4.2

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
24 30 242.2 Atl 313 6 0 23 5 24 D-D 6 0.16 L 3 0.03 D

ERROR ELLIPSE: <SERR AZ DIP>-< 31.61 0 90>-< 14.91 248 0>-< 6.53 338 0>  
REGION= Serbi ( Serbia )

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE	
PLE	ME	EHZ			242.2	199	51	P	44.07	39.91	39.08	0.00	0.83*	1.09	0.070							
UPM	ME	EHZ			269.5	206	51	P	48.22	44.06	42.69	0.00	1.37*	1.09	0.113							
BEY	ME	EHZ			283.6	188	51	P	47.76	43.60	44.56	0.00	-0.96*	1.09	0.081							
NKME	ME	EHZ			312.9	202	51	P	52.65	48.49	48.43	0.00	0.06	1.09	0.085							
PVY	ME	EHZ			313.4	186	51	P	52.15	47.99	48.50	0.00	-0.51*	1.09	0.095							
CEME	ME	HHN			337.0	201	51	P	55.60	51.44	51.63	0.00	-0.19	1.09	0.079							
BCI	AC	HHZ	1		338.1	184	51	P	54.12	49.96	51.77-0.11	-1.70*	1.09	0.113	1.00	136	3.94	D				
BCI	AC	HHE	1		338.1	184	51		6	60.00	55.84	51.77-0.11	0.00	0.000	1.00				3.950M	.75	4.54	L
								S	96.43	92.27	90.60-0.19	1.86*	1.09S	0.221								
HCY	ME	EHZ			360.2	205	51	P	60.19	56.03	54.69	0.00	1.34*	1.09	0.105							
BUM	ME	EHZ			363.5	199	51	P	59.86	55.70	55.12	0.00	0.58*	1.09	0.070							
PUK	AC	HHZ	4		375.1	186	51	P	59.60	55.44	56.66-0.13	-1.09*	1.09	0.095	1.00	136	3.97	D				
PUK	AC	HHE	4		375.1	186	51		6	60.00	55.84	56.66-0.13	0.00	0.000	1.00				1.660M	1.03	4.27	L
								S	103.20	99.04	99.15-0.23	0.11	1.09S	0.248								
ULC	ME	EHZ			392.0	194	51	P	63.22	59.06	58.90	0.00	0.16	1.09	0.062							
PHP	AC	HHZ	2		413.3	178	51	P	63.03	58.87	61.72-0.29	-2.56*	1.06	0.182	1.00	108	3.76	D				
PHP	AC	HHE	2		413.3	178	51		6	60.00	55.84	61.72-0.29	0.00	0.000	1.00				0.630M	2.07	3.96	L
								S	110.53106.37108.01	-0.51	-1.13*	1.09S	0.206									
TIR	MN	HHE	0		452.2	185	51		6	120.00115.84	66.86	0.00	0.00	0.000	1.00				0.740M	1.00	4.13	L
								S	122.56118.40117.01	0.00	1.39*	1.09S	0.233									
FNA	HT	HHZ	1		520.6	170	51	P	76.50	72.34	75.91	0.00	-3.57*	0.79	0.192							
FNA	HT	HHE	1		520.6	170	51		6	120.00115.84	75.91	0.00	0.00	0.000	1.00				0.340M	.68	3.95	L
								S	154.45150.29132.84	0.00	17.45*	0.00S	0.000									
NEST	HT	HHZ			557.4	173	51	P	80.12	75.96	80.77	0.00	-4.81*	0.30	0.021							
NEST	HT	HHE			557.4	173	51		6	120.00115.84	80.77	0.00	0.00	0.000	1.00				0.480M	1.01	4.17	L
								S	144.14139.98141.35	0.00	-1.37*	1.09S	0.274									

NOCI	IV	HHZ	0	577.5	209	51	P	85.17	81.01	83.43	0.00	-2.42*	1.08	0.136
LSK	AC	HHZ	21	584.1	177	51	P	84.20	80.04	84.30	-0.13	-4.13*	0.57	0.058
MRVN	IV	HHZ	0	587.9	217	51	P	87.88	83.72	84.81	0.00	-1.09*	1.09	0.231
SCTE	IV	HHZ	0	611.0	196	51	P	87.94	83.78	87.86	0.00	-4.08*	0.59	0.018

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH-M	RMS	ERH	ERZ	XMAG1	FMAG1	PMAG
2018	12	24	1650	22.69	38 29.29	15E40.40	18.00	3.94	23.25	31.61	4.01	4.0

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X
23	30	282.0	Atl	284	7	0	19	7	19	D-D	8	0.10	L		

ERROR ELLIPSE: <SERR AZ DIP>-< 31.61 0 90>-< 23.25 197 0>-< 14.03 106 0>  
 REGION= Sicili, Itali 9( Etna,SICILY, ITALY)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
NOCI	IV	HHZ	0		282.0	24	51	P		65.21	42.52	44.34	0.00	-1.82*	1.14		0.140				
NOCI	IV	HHE	0		282.0	24	51		6	60.00	37.31	44.34	0.00	0.00	0.00		0.000	1.00		1.440M1.15	3.90 L
								S		108.09	85.40	77.60	0.00	7.80*	0.66S		0.184				
MRVN	IV	HHZ	0		289.1	8	51	P		65.38	42.69	45.29	0.00	-2.60*	1.14		0.245				
MRVN	IV	HHE	0		289.1	8	51		6	60.00	37.31	45.29	0.00	0.00	0.00		0.000	1.00		1.460M1.34	3.93 L
								S		112.36	89.67	79.26	0.00	10.41*	0.13S		0.009				
SCTE	IV	HHZ	0		298.9	52	51	P		66.04	43.35	46.58	0.00	-3.23*	1.14		0.087				
SCTE	IV	HHN	0		298.9	52	51		6	60.00	37.31	46.58	0.00	0.00	0.00		0.000	1.00		1.830M .56	4.07 L
								S		109.31	86.62	81.51	0.00	5.10*	1.13S		0.248				
SRN	AC	HHZ	20		404.7	66	51	P		77.41	54.72	60.58	0.37	-6.23*	1.00		0.120				
SRN	AC	HHE	20		404.7	66	51	S		128.13	105.44	106.01	0.65	-1.22*	1.14S		0.216				
LKD2	HT	HHZ	0		435.5	84	51	P		77.52	54.83	64.66	0.00	-9.83*	0.22		0.013				
LKD2	HT	HHE	0		435.5	84	51	S		136.52	113.83	113.15	0.00	0.68*	1.14S		0.412				
LKD2	HT	HHN	0		435.5	84	51		6	120.00	97.31	64.66	0.00	0.00	0.00		0.000	1.00		0.690M .75	4.06 L
LSK	AC	HHZ	21		463.3	64	51	P		84.87	62.18	68.33	-0.13	-6.02*	1.04		0.116				
LSK	AC	HHN	21		463.3	64	51		6	120.00	97.31	68.33	-0.13	0.00	0.00		0.000	1.00		0.900M1.13	4.24 L
								S		145.75	123.06	119.58	-0.23	3.71*	1.14S		0.214				
TIR	MN	HHZ	0		478.9	47	51	P		90.81	68.12	70.39	0.00	-2.27*	1.14		0.081				
HCY	ME	EHZ			500.3	27	51	P		91.75	69.06	73.22	0.00	-4.16*	1.14		0.125				
NEST	HT	HHZ			510.0	63	51	P		92.15	69.46	74.51	0.00	-5.05*	1.13		0.132				
NEST	HT	HHE			510.0	63	51		6	120.00	97.31	74.51	0.00	0.00	0.00		0.000	1.00		0.360M .89	3.95 L
PUK	AC	HHZ	4		533.6	40	51	P		97.06	74.37	77.62	-0.13	-3.12*	1.14		0.084				
PUK	AC	HHN	4		533.6	40	51	S		161.74	139.05	135.83	-0.23	3.44*	1.14S		0.368				
PUK	AC	HHE	4		533.6	40	51		6	120.00	97.31	77.62	-0.13	0.00	0.00		0.000	1.00		0.520M .57	4.16 L
PHP	AC	HHZ	2		539.9	47	51	P		96.75	74.06	78.46	-0.29	-4.11*	1.14		0.081				
PHP	AC	HHE	2		539.9	47	51		6	180.00	157.31	78.46	-0.29	0.00	0.00		0.000	1.00		0.270M1.34	3.89 L
NKME	ME	EHZ			550.5	29	51	P		98.62	75.93	79.85	0.00	-3.92*	1.14		0.116				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH-M	RMS	ERH	ERZ	XMAG1	FMAG1	PMAG
2018	12	25	0141	26.26	37 28.64	20E29.63	18.00	1.36	3.96	31.61	5.07	4.65 5.1

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 32 46 146.3 At1 300 4 0 30 14 30 D-D 12 0.12 L 4 0.14 D

ERROR ELLIPSE: <SERR AZ DIP>-< 31.61 0 90>-< 3.96 278 0>-< 3.20 7 0>  
 REGION= Deti Jon ( Ionian Sea )

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
LKD2	HT	HHZ	0		146.3	5	71	P		53.66	27.40	25.01	0.00	2.39*	1.53		0.045				
LKD2	HT	HHN	0		146.3	5	71		6	60.00	33.74	25.01	0.00		0.00		0.000	1.00		94M .86	5.01 L
								S		69.49	43.23	43.77	0.00	-0.54*	1.53S		0.179				
SRN	AC	HHZ	20		270.2	352	51	P		70.33	44.07	42.78	0.37	0.92*	1.53		0.061	1.00	271 4.59 D		
SRN	AC	HHE	20		270.2	352	51		6	60.00	33.74	42.78	0.37		0.00		0.000	1.00		14M .89	4.83 L
								S		101.36	75.10	74.86	0.65	-0.41	1.53S		0.085				
LSK	AC	HHZ	21		296.8	1	51	P		73.25	46.99	46.31	-0.13	0.81*	1.53		0.060				
LSK	AC	HHE	21		296.8	1	51		6	60.00	33.74	46.31	-0.13		0.00		0.000	1.00		37M1.01	5.37 L
								S		108.07	81.81	81.04	-0.23	1.00*	1.53S		0.073				
NEST	HT	HHZ			329.6	8	51	P		78.15	51.89	50.64	0.00	1.25*	1.53		0.073				
NEST	HT	HHE			329.6	8	51	S		116.55	90.29	88.62	0.00	1.67*	1.53S		0.094				
NEST	HT	HHN			329.6	8	51		6	120.00	93.74	50.64	0.00		0.00		0.000	1.00		16M1.55	5.12 L
SCTE	IV	HHZ	0		338.1	330	51	P		77.97	51.71	51.76	0.00	-0.05	1.53		0.145				
SCTE	IV	HHN	0		338.1	330	51		6	60.00	33.74	51.76	0.00		0.00		0.000	1.00		18M .74	5.20 L
								S		117.02	90.76	90.58	0.00	0.18	1.53S		0.279				
VLO	AC	HHZ	16		343.2	346	51	P		79.98	53.72	52.44	-0.70	1.98*	1.53		0.073	1.00	288 4.71 D		
VLO	AC	HHE	16		343.2	346	51		6	60.00	33.74	52.44	-0.70		0.00		0.000	1.00		34M .98	5.49 L
								S		116.51	90.25	91.77	-1.23	-0.30	1.53S		0.116				
KBN	AC	HHZ	17		350.2	4	51	P		81.32	55.06	53.37	-0.47	2.16*	1.53		0.064				
KBN	AC	HHE	17		350.2	4	51		6	60.00	33.74	53.37	-0.47		0.00		0.000	1.00		12M1.08	5.05 L
								S		119.50	93.24	93.40	-0.82	0.66*	1.53S		0.079				
BPA2	AC	HHZ	15		369.0	349	51	P		81.82	55.56	55.85	0.00	-0.29	1.53		0.066				
BPA2	AC	HHE	15		369.0	349	51	S		123.75	97.49	97.74	0.00	-0.25	1.53S		0.098				
FNA	HT	HHZ	1		374.8	11	51	P		82.32	56.06	56.63	0.00	-0.57*	1.53		0.082				
FNA	HT	HHE	1		374.8	11	51		6	120.00	93.74	56.63	0.00		0.00		0.000	1.00		7.590M1.13	4.93 L
								S		124.81	98.55	99.10	0.00	-0.55*	1.53S		0.111				
THE	HT	HHZ	0		410.3	30	51	P		84.77	58.51	61.31	0.00	-2.80*	1.53		0.191				
THE	HT	HHE	0		410.3	30	51	S		133.47	107.21	107.29	0.00	-0.08	1.53S		0.323				
TIR	MN	HHZ	0		433.1	354	51	P		90.62	64.36	64.33	0.00	0.03	1.53		0.059	1.00	207 4.43 D		
TIR	MN	HHE	0		433.1	354	51		6	120.00	93.74	64.33	0.00		0.00		0.000	1.00		5.650M1.22	4.97 L
								S		139.50	113.24	112.58	0.00	0.66*	1.53S		0.079				
PHP	AC	HHZ	2		467.1	0	51	P		94.34	68.08	68.84	-0.29	-0.47	1.53		0.059				
PHP	AC	HHN	2		467.1	0	51		6	120.00	93.74	68.84	-0.29		0.00		0.000	1.00		5.420M1.25	5.03 L
								S		147.00	120.74	120.47	-0.51	0.78*	1.53S		0.072				
PUK	AC	HHZ	4		509.5	355	51	P		98.63	72.37	74.44	-0.13	-1.94*	1.53		0.058	1.00	379 5.09 D		
PUK	AC	HHE	4		509.5	355	51		6	120.00	93.74	74.44	-0.13		0.00		0.000	1.00		4.820M1.60	5.08 L
								S		156.84	130.58	130.27	-0.23	0.54*	1.53S		0.076				
BCI	AC	HHN	1		544.1	357	51	S		164.18	137.92	138.27	-0.19	-0.16	1.53S		0.073				
BCI	AC	HHE	1		544.1	357	51		6	180.00	153.74	79.01	-0.11		0.00		0.000	1.00		5.910M .89	5.24 L
BUM	ME	EHZ			552.6	347	51	P		104.19	77.93	80.13	0.00	-2.20*	1.53		0.071				
HCY	ME	EHZ			577.9	344	51	P		107.04	80.78	83.48	0.00	-2.70*	1.53		0.079				
PLE	ME	EHZ			656.5	353	51	P		117.40	91.14	93.89	0.00	-2.75*	1.53		0.060				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-26 0209 38.24 41 22.58 20E59.79 16.05 0.16 0.80 1.26 1.90 2.60 1.9

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 19 26 57.6 At1 187 9 0 13 7 14 C-B 5 0.19 L 5 0.11 D

ERROR ELLIPSE: <SERR AZ DIP>-< 1.28 227 80>-< 0.81 69 8>-< 0.32 338 3>  
 REGION= Maqedoni (FYR of Macedonia)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
PHP	AC	HHZ	2		57.6	307	97	P		48.57	10.33	10.67	-0.29	-0.05	1.10		0.237	1.00	39.0	2.49	D
PHP	AC	HHN	2		57.6	307	97	S		56.44	18.20	18.67	-0.51	0.04	1.10S		0.410				
PHP	AC	HHE	2		57.6	307	97		6	0.00	-38.24	10.67	-0.29		0.00		0.000	1.00		0.240M .20	1.67 L
FNA	HT	HHZ	1		73.6	153	94	P		51.77	13.53	13.34	0.00	0.19	1.10		0.522	1.00	43.0	2.60	D
FNA	HT	HHN	1		73.6	153	94	S		61.05	22.81	23.35	0.00	-0.53*	0.18S		0.019				
FNA	HT	HHE	1		73.6	153	94		6	60.00	21.76	13.34	0.00		0.00		0.000	1.00		0.250M .25	1.90 L
KBN	AC	HHZ	17		85.4	192	92	P		53.00	14.76	15.32	-0.47	-0.09	1.10		0.206	1.00	38.0	2.49	D
KBN	AC	HHN	17		85.4	192	92	S		64.18	25.94	26.81	-0.82	-0.05	1.10S		0.357				
TIR	MN	HHN	0		94.7	269	92	S		68.00	29.76	29.54	0.00	0.22	1.10S		0.563				
TIR	MN	HHE	0		94.7	269	92		6	60.00	21.76	16.88	0.00		0.00		0.000	1.00		0.110M .11	1.71 L
PUK	AC	HHZ	4		118.0	310	71	P		58.48	20.24	20.59	-0.13	-0.22	1.10		0.141				
PUK	AC	HHE	4		118.0	310	71	S		74.02	35.78	36.03	-0.23	-0.03	1.10S		0.318				
PUK	AC	HHN	4		118.0	310	71		6	60.00	21.76	20.59	-0.13		0.00		0.000	1.00		0.150M .21	2.02 L
BCI	AC	HHZ	1		134.3	326	71	P		61.62	23.38	23.20	-0.11	0.29	1.02		0.190				
BCI	AC	HHN	1		134.3	326	71	S		78.61	40.37	40.60	-0.19	-0.04	1.10S		0.347				
BCI	AC	HHE	1		134.3	326	71		6	60.00	21.76	23.20	-0.11		0.00		0.000	1.00		0.260M .40	2.37 L
LSK	AC	HHZ	21		140.3	194	71	P		63.46	25.22	24.15	-0.13	1.20*	0.00		0.000	1.00	51.0	2.82	D
LSK	AC	HHN	21		140.3	194	71	S		80.23	41.99	42.26	-0.23	-0.05	1.10S		0.619				
ULC	ME	EHZ			159.4	295	71	P		65.07	26.83	27.20	0.00	-0.37	0.81		0.064	1.00	44.0	2.68	D

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-26 0219 28.18 38 44.60 15E50.74 18.00 0.86 4.21 31.61 4.72 4.89 4.7

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 30 38 250.0 At1 297 7 0 23 8 24 D-D 7 0.20 L 1 0.00 D

ERROR ELLIPSE: <SERR AZ DIP>-< 31.61 0 90>-< 4.21 158 0>-< 3.56 68 0>  
 REGION= Sicili, Itali (Sicili, Italy)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
NOCI	IV	HHZ	0		250.0	24	51	P		70.57	42.39	40.11	0.00	2.28*	0.27		0.007				
NOCI	IV	HHN	0		250.0	24	51	S		98.71	70.53	70.19	0.00	0.34	1.09S		0.281				
NOCI	IV	HHE	0		250.0	24	51		6	120.00	91.82	40.11	0.00		0.00		0.000	1.00		11M1.34	4.64 L
MRVN	IV	HHZ	0		259.1	6	51	P		70.32	42.14	41.31	0.00	0.83*	1.09		0.248				
MRVN	IV	HHN	0		259.1	6	51	S		102.33	74.15	72.29	0.00	1.86*	0.66S		0.206				
MRVN	IV	HHE	0		259.1	6	51		6	120.00	91.82	41.31	0.00		0.00		0.000	1.00		7.310M2.79	4.51 L





FNA	HT	HHZ	1	352.3	10	51	P	65.00	53.91	53.70	0.00	0.21	1.09	0.328	1.00	124	3.86	D		
FNA	HT	HHE	1	352.3	10	51		6	60.00	48.91	53.70	0.00		0.00	0.000	1.00		1.010M1.13	3.99	L
							S		105.27	94.18	93.97	0.00	0.21	1.09S	0.484					
THE	HT	HHZ	0	387.4	31	51	P	68.68	57.59	58.33	0.00	-0.74*	0.29	0.067	1.00	89.0	3.55	D		

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-29 0731 35.24 37 47.36 20E27.71 18.00 1.69 9.52 31.61 3.50 3.29

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 10 14 112.3 At1 327 4 0 8 4 8 - DD 2 0.54 L 1 0.00 D

ERROR ELLIPSE: <SERR AZ DIP>-< 31.61 0 90>-< 9.52 283 0>-< 6.41 12 0>  
 REGION= Deti Jon, Greqi (Ionian Sea, Greece)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE	
LKD2	HT	HHZ	0		112.3	8	71	P		50.66	15.42	19.58	0.00	-4.16*	1.75		0.166	1.00	83.0	3.29	D	
LKD2	HT	HHE	0		112.3	8	71	S		69.88	34.64	34.26	0.00	0.37	1.75S		0.506					
LKD2	HT	HHN	0		112.3	8	71		6	60.00	24.76	19.58	0.00		0.00		0.000	1.00		1.450M .37	2.96	L
LSK	AC	HHZ	21		262.3	2	51	P		78.59	43.35	41.74	-0.13	1.74*	1.75		0.305					
NEST	HT	HHZ			295.8	9	51	P		80.25	45.01	46.18	0.00	-1.17*	1.75		0.264					
NEST	HT	HHE			295.8	9	51	S		116.57	81.33	80.82	0.00	0.51*	1.75S		0.212					
FNA	HT	HHZ	1		341.6	13	51	P		88.16	52.92	52.23	0.00	0.69*	1.75		0.267					
THE	HT	HHE	0		382.5	33	51	S		136.46	101.22	100.85	0.00	0.37	1.75S		0.900					
THE	HT	HHN	0		382.5	33	51		6	120.00	84.76	57.63	0.00		0.00		0.000	1.00		0.890M .66	4.03	L
PHP	AC	HHE	2		432.5	0	51	S		147.28	112.04	112.44	-0.51	0.11	1.75S		0.376					

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-30 1852 45.36 39 25.75 20E33.88 28.34 0.24 0.57 0.65 3.00 3.40

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 29 40 69.7 At1 149 10 0 17 10 21 CB 8 0.14 L 4 0.21 D

ERROR ELLIPSE: <SERR AZ DIP>-< 0.78 118 56>-< 0.64 262 28>-< 0.39 1 16>  
 REGION= Greqi (Greece)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE	
SRN	AC	HHN	20		69.7	317	104	S		68.75	23.39	22.52	0.65	0.22	1.20S		0.510					
SRN	AC	HHZ	20		69.7	317	104	P		58.65	13.29	12.87	0.37	0.05	1.20		0.199					
SRN	AC	HHE	20		69.7	317	104		6	60.00	14.64	12.87	0.37		0.00		0.000	1.00		0.790M .56	2.40	L
LKD2	HT	HHN	0		71.5	173	103	SG		68.65	23.29	23.03	0.00	0.26	1.20S		0.579					
LKD2	HT	HHZ	0		71.5	173	103	PG		58.16	12.80	13.16	0.00	-0.36	1.20		0.330	1.00	73.0	3.14	D	
LKD2	HT	HHE	0		71.5	173	103		6	60.00	14.64	13.16	0.00		0.00		0.000	1.00		5.050M .47	3.22	L
LSK	AC	HHN	21		80.1	2	101	SG		70.40	25.04	25.36	-0.23	-0.09	1.20S		0.285					
LSK	AC	HHZ	21		80.1	2	101	PG		58.98	13.62	14.49	-0.13	-0.74*	0.80		0.059	1.00	109	3.55	D	
LSK	AC	HHE	21		80.1	2	101		6	60.00	14.64	14.49	-0.13		0.00		0.000	1.00		5.540M .74	3.33	L
NEST	HT	HHN			117.0	20	96	S		80.80	35.44	35.52	0.00	-0.09	1.20S		0.297					

NEST	HT	HHZ	117.0	20	96	P		64.53	19.17	20.30	0.00	-1.13*	0.04	0.000							
NEST	HT	HHE	117.0	20	96		6	60.00	14.64	20.30	0.00		0.00	0.000	1.00		1.400M	.34	3.00	L	
KBN	AC	HHN	17	134.0	8	76	S		84.79	39.43	40.18-0.82	0.07	1.20S	0.143							
KBN	AC	HHZ	17	134.0	8	76	P		68.04	22.68	22.96-0.47	0.19	1.20	0.081	1.00	78.0	3.25	D			
KBN	AC	HHE	17	134.0	8	76		6	60.00	14.64	22.96-0.47		0.00	0.000	1.00		1.150M	.93	3.02	L	
FNA	HT	HHN	1	165.6	24	62	S		93.94	48.58	48.60	0.00	-0.02	1.20S	0.273						
FNA	HT	HHZ	1	165.6	24	62	P		71.97	26.61	27.77	0.00	-1.16*	0.02	0.000						
FNA	HT	HHE	1	165.6	24	62		6	60.00	14.64	27.77	0.00		0.00	0.000	1.00		0.680M	.56	2.99	L
SCTE	IV	HHN	0	193.5	293	56	S		100.58	55.22	55.46	0.00	-0.24	1.20S	0.426						
SCTE	IV	HHZ	0	193.5	293	56	P		77.07	31.71	31.69	0.00	0.02	1.20	0.171						
TIR	MN	HHE	0	221.2	345	56	S		107.19	61.83	61.86	0.00	-0.03	1.20S	0.162						
THE	HT	HHN	0	244.4	56	56	S		110.62	65.26	67.25	0.00	-1.99*	0.00S	0.000						
THE	HT	HHZ	0	244.4	56	56	P		82.59	37.23	38.43	0.00	-1.20*	0.01	0.000						
PHP	AC	HHN	2	250.7	358	56	S		113.57	68.21	68.69-0.51	0.03	1.20S	0.168							
PHP	AC	HHZ	2	250.7	358	56	P		84.89	39.53	39.25-0.29	0.57*	1.11	0.071	1.00	111	3.68	D			
PHP	AC	HHE	2	250.7	358	56		6	120.00	74.64	39.25-0.29		0.00	0.000	1.00		0.150M	.74	2.79	L	
PUK	AC	HHE	4	295.7	350	56	S		124.29	78.93	79.12-0.23	0.04	1.20S	0.159							
PUK	AC	HHZ	4	295.7	350	56	P		90.26	44.90	45.21-0.13	-0.18	1.20	0.078							
PUK	AC	HHN	4	295.7	350	56		6	120.00	74.64	45.21-0.13		0.00	0.000	1.00		0.140M	.40	2.94	L	

YEAR MO DA --ORIGIN-- --LAT N-- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
2018-12-30 2041 8.41 39 11.61 20E50.67 41.12 0.52 1.52 2.53 3.32

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
36 47 47.7 At1 153 7 0 25 11 28 CC 9 0.24 L

ERROR ELLIPSE: <SERR AZ DIP>-< 2.69 175 69>-< 1.53 284 6>-< 0.92 16 19>

REGION= Greqi (Greece)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE	
LKD2	HT	HHZ	0		47.7	200	118	PG		19.31	10.90	10.52	0.00	0.38	1.06		0.308					
LKD2	HT	HHE	0		47.7	200	118	SG		26.97	18.56	18.41	0.00	0.15	1.06S		0.534					
LKD2	HT	HHN	0		47.7	200	118		6	0.00	-8.41	10.52	0.00		0.00	0.000	1.00		6.080M	.23	3.08	L
SRN	AC	HHZ	20		105.2	317	91	P		26.62	18.21	18.47	0.37	-0.63*	1.06		0.089					
SRN	AC	HHN	20		105.2	317	91	S		41.67	33.26	32.32	0.65	0.29	1.06S		0.294					
SRN	AC	HHE	20		105.2	317	91		6	0.00	-8.41	18.47	0.37		0.00	0.000	1.00		0.870M	.34	2.74	L
LSK	AC	HHZ	21		108.3	349	91	PG		26.47	18.06	18.89-0.13	-0.70*	1.05		0.072						
LSK	AC	HHE	21		108.3	349	91	SG		41.79	33.38	33.06-0.23	0.55*	1.06S		0.222						
LSK	AC	HHN	21		108.3	349	91		6	0.00	-8.41	18.89-0.13			0.00	0.000	1.00		6.100M	.66	3.60	L
NEST	HT	HHZ			136.7	7	90	P		31.23	22.82	22.94	0.00	-0.12	1.06		0.095					
NEST	HT	HHE			136.7	7	90	S		48.01	39.60	40.14	0.00	-0.54*	1.06S		0.227					
NEST	HT	HHN			136.7	7	90		6	0.00	-8.41	22.94	0.00		0.00	0.000	1.00		1.530M	.50	3.19	L
KBN	AC	HHZ	17		158.9	359	90	P		34.04	25.63	26.07-0.47	0.03	0.16	1.06		0.077					
KBN	AC	HHE	17		158.9	359	90	S		53.37	44.96	45.62-0.82	0.16	1.06S		0.199						
KBN	AC	HHN	17		158.9	359	90		6	0.00	-8.41	26.07-0.47			0.00	0.000	1.00		2.110M	.83	3.46	L
FNA	HT	HHZ	1		182.3	14	68	P		38.71	30.30	29.19	0.00	1.11*	0.68		0.040					
FNA	HT	HHN	1		182.3	14	68	S		59.83	51.42	51.08	0.00	0.34	1.06S		0.151					
FNA	HT	HHE	1		182.3	14	68		6	60.00	51.59	29.19	0.00		0.00	0.000	1.00		0.590M	1.00	3.05	L

SCTE	IV	HHZ	0	226.4	297	68	P	43.85	35.44	35.02	0.00	0.42	1.06	0.160						
SCTE	IV	HHN	0	226.4	297	68	S	69.14	60.73	61.28	0.00	-0.56*	1.06S	0.410						
THE	HT	HHZ	0	241.5	47	68	P	43.57	35.16	37.02	0.00	-1.86*	0.00	0.000						
THE	HT	HHN	0	241.5	47	68	S	72.79	64.38	64.79	0.00	-0.40	1.06S	0.470						
PHP	AC	HHZ	2	278.7	354	68	P	51.36	42.95	41.95	-0.29	1.29*	0.41	0.009						
PHP	AC	HHN	2	278.7	354	68	P	60.00	51.59	41.95	-0.29		0.00	0.000	1.00			0.380M	.54	3.32 L
							S	81.62	73.21	73.41	-0.51	0.30	1.06S	0.102						
PUK	AC	HHZ	4	326.5	347	68	P	57.07	48.66	48.27	-0.13	0.52*	1.06	0.059						
PUK	AC	HHN	4	326.5	347	68	S	93.12	84.71	84.47	-0.23	0.46	1.06S	0.109						
PUK	AC	HHE	4	326.5	347	68	P	60.00	51.59	48.27	-0.13		0.00	0.000	1.00			0.390M	.60	3.50 L
ULC	ME	EHZ		335.9	337	68	P	57.33	48.92	49.51	0.00	-0.59*	1.06	0.063						
BCI	AC	HHZ	1	358.4	350	68	P	60.98	52.57	52.49	-0.11	0.19	1.06	0.059						
BCI	AC	HHN	1	358.4	350	68	S	100.24	91.83	91.86	-0.19	0.17	1.06S	0.105						
BCI	AC	HHE	1	358.4	350	68	P	60.00	51.59	52.49	-0.11		0.00	0.000	1.00			0.500M	.74	3.71 L
BUM	ME	EHZ		382.1	336	68	P	63.04	54.63	55.62	0.00	-0.99*	0.83	0.039						
PVY	ME	EHZ		384.8	350	68	P	65.27	56.86	55.98	0.00	0.88*	0.95	0.047						
HCY	ME	EHZ		412.4	332	68	P	65.79	57.38	59.64	0.00	-2.26*	0.00	0.000						
BRY	ME	EHZ		455.0	336	68	P	71.24	62.83	65.26	0.00	-2.43*	0.00	0.000						
PLE	ME	EHZ		475.2	346	68	P	75.48	67.07	67.93	0.00	-0.86*	0.96	0.048						

YEAR MO DA --ORIGIN-- --LAT N-- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
2018-12-31 0752 24.26 39 14.06 20E53.52 44.87 0.05 0.37 0.73 4.30 3.55

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
23 34 53.4 At1 155 11 0 21 11 23 CA 11 0.10 L 12 0.16 D

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REGION= Greqi (Greece)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE
LKD2	HT	HHZ	0		53.4	203	119	P		35.67	11.41	11.48	0.00	-0.07	1.10		0.302	1.00	61.0	2.94 D	
LKD2	HT	HHN	0		53.4	203	119	P	6	0.00	-24.26	11.48	0.00		0.00		0.000	1.00		81M .41	4.28 L
								S		44.33	20.07	20.09	0.00	-0.02	1.10S		0.526				
LSK	AC	HHZ	21		104.7	347	97	P		42.64	18.38	18.43	-0.13	0.08	1.10		0.150	1.00	84.0	3.30 D	
LSK	AC	HHN	21		104.7	347	97	P	6	0.00	-24.26	18.43	-0.13		0.00		0.000	1.00		55M .63	4.54 L
								S		56.27	32.01	32.25	-0.23	-0.02	1.10S		0.451				
SRN	AC	HHZ	20		104.9	314	97	P		43.08	18.82	18.46	0.37	-0.01	1.10		0.110	1.00	83.0	3.29 D	
SRN	AC	HHE	20		104.9	314	97	P	6	0.00	-24.26	18.46	0.37		0.00		0.000	1.00		12M .77	3.88 L
								S		57.24	32.98	32.31	0.65	0.03	1.10S		0.323				
KBN	AC	HHZ	17		154.5	357	68	P		49.15	24.89	25.33	-0.47	0.03	1.10		0.061	1.00	91.0	3.41 D	
KBN	AC	HHN	17		154.5	357	68	P	6	60.00	35.74	25.33	-0.47		0.00		0.000	1.00		23M .86	4.48 L
								S		67.71	43.45	44.33	-0.82	-0.06	1.10S		0.104				
FNA	HT	HHZ	1		176.9	13	68	P		52.60	28.34	28.28	0.00	0.06	1.10		0.089	1.00	100	3.53 D	
FNA	HT	HHN	1		176.9	13	68	P	6	60.00	35.74	28.28	0.00		0.00		0.000	1.00		9.830M .47	4.24 L
								S		73.73	49.47	49.49	0.00	-0.02	1.10S		0.149				
VLO	AC	HHZ	16		181.8	320	68	P		52.71	28.45	28.94	-0.70	0.21	0.08		0.000	1.00	101	3.54 D	
VLO	AC	HHE	16		181.8	320	68	P	6	60.00	35.74	28.94	-0.70		0.00		0.000	1.00		30M .57	4.76 L
								S		73.63	49.37	50.64	-1.23	-0.05	1.10S		0.174				

BPA2	AC	HHZ	15	198.5	328	68	P	55.43	31.17	31.15	0.00	0.02	1.10	0.064	1.00	121	3.73	D				
BPA2	AC	HHE	15	198.5	328	68	S	60.00	35.74	31.15	0.00		0.00	0.000	1.00				8.390M	1.27	4.30	L
							S	78.74	54.48	54.51	0.00	-0.03	1.10S	0.136								
SCTE	IV	HHZ	0	228.1	296	68	P	59.44	35.18	35.06	0.00	0.12	0.99	0.124	1.00	100	3.56	D				
SCTE	IV	HHE	0	228.1	296	68	S	60.00	35.74	35.06	0.00		0.00	0.000	1.00				7.360M	.41	4.39	L
							S	85.62	61.36	61.35	0.00	0.00	1.10S	0.363								
THE	HT	HHZ	0	235.4	48	68	P	60.26	36.00	36.03	0.00	-0.03	1.10	0.206	1.00	100	3.56	D				
THE	HT	HHE	0	235.4	48	68	S	60.00	35.74	36.03	0.00		0.00	0.000	1.00				1.030M	.68	3.57	L
							S	87.30	63.04	63.05	0.00	-0.01	1.10S	0.373								
TIR	MN	HHZ	0	250.4	340	68	P	62.31	38.05	38.01	0.00	0.04	1.10	0.054	1.00	117	3.73	D				
TIR	MN	HHN	0	250.4	340	68	S	60.00	35.74	38.01	0.00		0.00	0.000	1.00				5.100M	.56	4.33	L
							S	90.66	66.40	66.52	0.00	-0.12	0.95S	0.077								
PHP	AC	HHZ	2	274.8	353	68	P	65.47	41.21	41.23	-0.29	0.27	0.00	0.000	1.00	116	3.74	D				
PUK	AC	HHZ	4	323.1	346	68	P	71.82	47.56	47.63	-0.13	0.06	1.10	0.054	1.00	107	3.69	D				
PUK	AC	HHN	4	323.1	346	68	S	60.00	35.74	47.63	-0.13		0.00	0.000	1.00				2.010M	.83	4.20	L
							S	107.39	83.13	83.35	-0.23	0.01	1.10S	0.098								

YEAR MO DA --ORIGIN-- --LAT N-- --LON W-- DEPTH-M RMS ERH ERZ XMAG1 FMAG1 PMAG  
 2018-12-31 0833 24.32 39 4.55 20E49.92 65.60 0.04 0.53 1.09 3.36 3.34

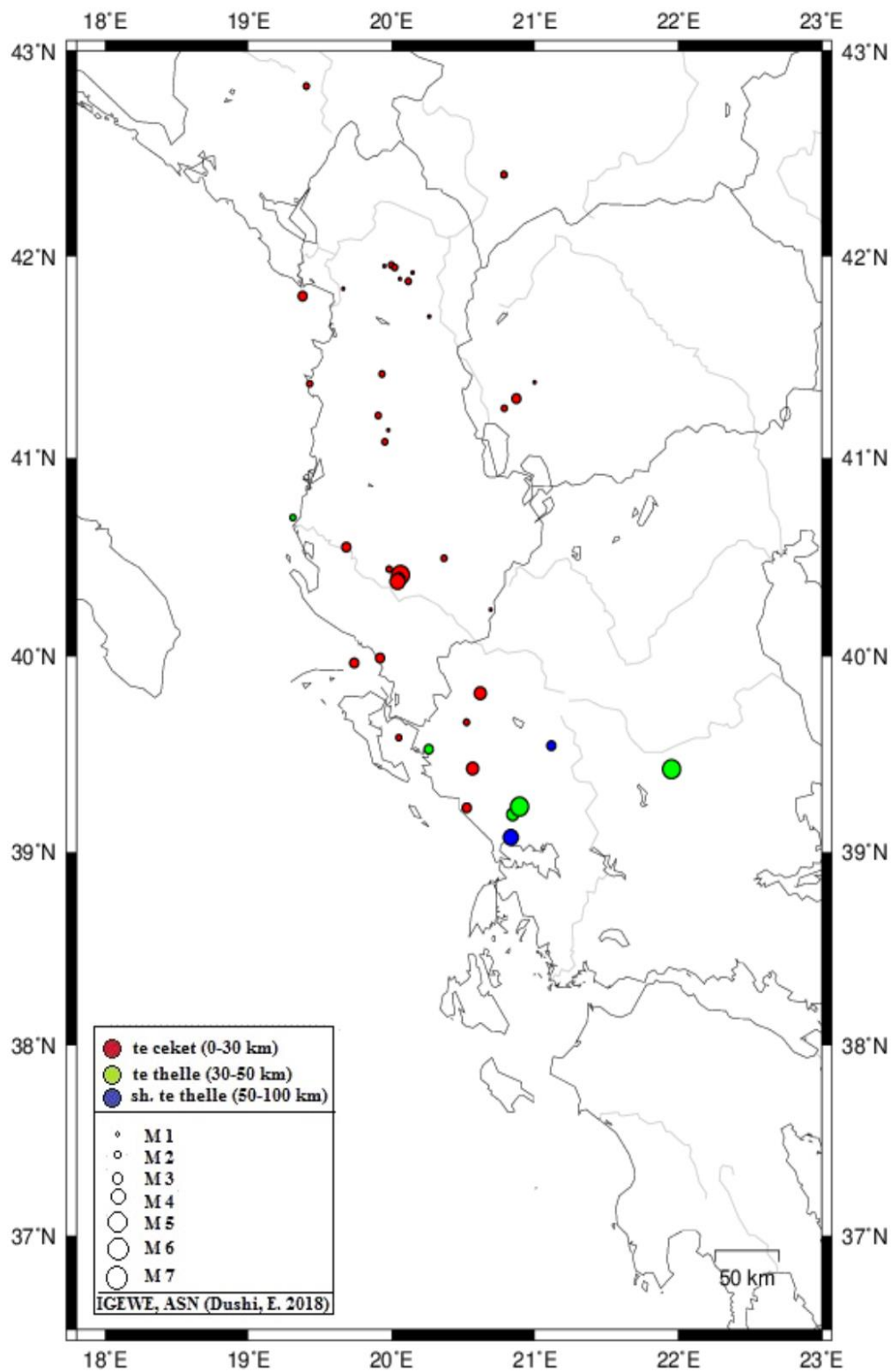
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 14 21 35.2 At1 161 19 0 13 7 14 CA 7 0.10 L 7 0.14 D

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 REGION= Greqi (Greece)

STA	NET	COM	L	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	-AMP-U-PER-W-XMAG-T	DE		
LKD2	HT	HHZ	0		35.2	206	146	P	35.83	11.51	11.58	0.00	-0.07	1.07		0.332	1.00	66.0	3.01	D			
LKD2	HT	HHE	0		35.2	206	146	S	6	0.00	-24.32	11.58	0.00	0.00	0.000	1.00				6.740M	.28	3.26	L
								S		44.60	20.28	20.26	0.00	0.01	1.07S	0.741							
SRN	AC	HHZ	20		114.4	322	107	P	44.83	20.51	20.12	0.37	0.02	1.07		0.126	1.00	87.0	3.34	D			
SRN	AC	HHE	20		114.4	322	107	S	6	60.00	35.68	20.12	0.37	0.00	0.000	1.00				0.640M	.31	2.73	L
								S		60.19	35.87	35.21	0.65	0.01	1.07S	0.325							
LSK	AC	HHZ	21		120.9	351	106	P	44.45	20.13	20.94	-0.13	-0.68*	0.00		0.000	1.00	75.0	3.20	D			
LSK	AC	HHE	21		120.9	351	106	S	6	60.00	35.68	20.94	-0.13	0.00	0.000	1.00				6.010M	.68	3.75	L
								S		60.76	36.44	36.64	-0.23	0.02	1.07S	0.266							
NEST	HT	HHZ			149.8	7	101	P	48.75	24.43	24.66	0.00	-0.23	0.12		0.001	1.00	87.0	3.37	D			
NEST	HT	HHN			149.8	7	101	S	6	60.00	35.68	24.66	0.00	0.00	0.000	1.00				1.080M	.66	3.17	L
								S		67.46	43.14	43.15	0.00	-0.01	1.07S	0.236							
KBN	AC	HHE	17		171.9	359	99	S	6	60.00	35.68	27.53	-0.47	0.00	0.000	1.00				1.310M	.75	3.38	L
								S		71.68	47.36	48.18	-0.82	0.01	1.07S	0.193							
FNA	HT	HHZ	1		195.2	13	97	P	54.88	30.56	30.58	0.00	-0.02	1.07		0.209	1.00	95.0	3.49	D			
FNA	HT	HHN	1		195.2	13	97	S	6	60.00	35.68	30.58	0.00	0.00	0.000	1.00				1.060M	.47	3.41	L
								S		77.78	53.46	53.51	0.00	-0.06	1.07S	0.241							
SCTE	IV	HHZ	0		231.5	300	95	P	59.69	35.37	35.36	0.00	0.01	1.07		0.358	1.00	97.0	3.53	D			
SCTE	IV	HHN	0		231.5	300	95	S	6	60.00	35.68	35.36	0.00	0.00	0.000	1.00				0.630M	.62	3.36	L
								S		86.17	61.85	61.88	0.00	-0.03	1.07S	0.491							
THE	HT	HHZ	0		251.2	45	95	P	62.33	38.01	37.95	0.00	0.06	1.07		0.473	1.00	78.0	3.32	D			

DA	MO	YEAR	--	OR	IGIN--	Lat	Long	DEPT	H	RMS	ERH	ERZ	XMAG	FMAG	PMAG	NSTA	NPH	S	L	ITR	NVR	Qgeo	Qloc
1	12	2018	4	54	16.16	40.412	20.061	12.7	2	0.23	0.51	1.03	4.25	3.85	4.3	24	32	51.5	70	10	21	A	B
2	12	2018	3	52	39.5	42.399	20.783	22.3	9	0.23	1.08	3.08	2.48	3.33	2.5	15	19	59	223	12	12	D	C
2	12	2018	3	52	39.5	42.399	20.783	22.3	9	0.23	1.08	3.08	2.48	3.33	2.5	15	19	59	223	12	12	D	D
3	12	2018	11	30	16.57	41.956	19.998	18.2	0	0.34	1.68	1.12	2.26	1.72	2.3	13	15	13	183	12	11	D	C
3	12	2018	14	38	30.61	40.237	20.691	4.3	9	0.07	1.46	0.89	1.37	1.97	1.4	10	14	12.5	177	13	7	C	A
4	12	2018	14	52	37.54	41.944	20.021	19.6	8	0.24	1.53	0.91	2.16	2.55	2.2	15	18	15.3	188	8	12	C	A
4	12	2018	14	55	35.01	41.951	19.949	17.4	4	0.02	2.03	0.53	1.54	2.08	1.5	8	10	11.2	284	6	6	D	B
4	12	2018	15	20	31.31	41.888	20.058	16.6	2	0.03	1.71	0.7	1.61	1.94	1.6	9	11	22	296	7	7	D	A
4	12	2018	15	23	34.39	41.919	20.146	3.8	6	0.06	1.11	1.53	1.54	1.98	1.5	8	10	25	300	15	6	D	B
4	12	2018	20	59	17.58	40.398	20.083	18.5	0	0.14	0.34	1.18	1.8	2.05	1.8	19	27	50.4	93	9	15	B	A
5	12	2018	11	34	27.37	41.876	20.116	18.4	1	0.04	0.37	0.62	2.23	2.08	2.3	14	18	26.2	142	8	14	C	A
7	12	2018	17	32	55.28	40.401	20.052	15.1	2	0.2	0.4	1.25	2.66	2.78	2.7	22	31	47.9	71	9	19	A	B
8	12	2018	6	57	28.43	40.396	20.052	12.1	2	0.16	0.41	1.26		2.61	2.6	13	20	54	96	8	13	B	B
9	12	2018	21	26	49.3	40.400	20.054	16.2	0	0.14	0.32	0.91	2.4	2.48	2.4	19	28	48	71	9	17	A	A
10	12	2018	0	32	7.14	39.992	19.919	26.9	4	0.13	0.46	0.59	2.88	2.69	2.7	19	27	14.3	125	14	17	B	A
11	12	2018	7	3	16.99	39.665	20.522	14.3	1	0.14	1.38	0.98	2.19	2.71	2.2	9	14	50.6	269	14	9	D	A
11	12	2018	23	45	6.15	42.831	19.404	19.7	3	0.01	2.96	1.31		2.54	2.5	5	5	37.2	260	10	5	C	B
12	12	2018	10	18	44	41.247	20.786	18.2	1	0.06	0.96	3.67	2.39		2.4	11	16	72.1	160	16	11	C	B
12	12	2018	17	28	37.77	39.528	20.259	35.6	4	0.27	1.73	0.91	2.89	2.95	2.9	16	23	44.9	259	7	15	D	B
12	12	2018	22	9	3.76	41.417	19.932	14.1	4	0.11	0.43	0.56	1.95	2.39	2	21	27	9.5	113	10	18	B	A
13	12	2018	6	36	36.18	39.813	20.618	25	1	0.23	0.99	0.84	3.25	2.66	3.2	16	24	37.4	215	22	16	D	B
15	12	2018	23	6	12.33	39.228	20.524	27.1	3	0.3	2.24	1.56	2.62	2.5	2.6	12	17	85.2	306	21	10	D	B
16	12	2018	8	24	37.95	40.496	20.365	18.1	5	0.02	0.4	0.93	2.37	2.96	2.4	10	14	38.5	93	6	10	B	A
17	12	2018	6	13	57.34	41.295	20.870	6.1	7	0.13	0.53	1.42	2.72	2.99	2.7	18	26	71.5	166	21	13	C	C
17	12	2018	8	2	21.25	39.426	21.953	32.2	5	0.04	0.44	0.73	3.98	3.44	4	22	32	132.5	207	10	22	D	A
17	12	2018	8	58	32.36	41.211	19.906	16.5	0	0.1	0.53	0.63	2.39	3.13	2.4	16	21	15.6	105	10	16	B	A
18	12	2018	23	40	30.84	39.546	21.114	79	2	0.57	2.41	4.44	2.59	2.39	2.6	16	23	80.2	154	16	14	C	D
19	12	2018	4	0	39.17	41.138	19.976	12.8	2	0.14	0.93	1.14	1.61	2.29	1.6	13	18	25.1	185	15	12	D	A
19	12	2018	14	34	5.81	39.587	20.050	16.1	2	0.11	1.95	1.4	1.98	2.1	2	9	13	78.2	251	10	8	D	B
19	12	2018	18	16	53.74	39.967	19.739	2.3	2	0.18	0.37	0.86	2.86	2.58	2.9	26	37	24.4	129	10	24	B	B
21	12	2018	18	26	15.53	40.441	19.982	1.8	6	0.06	0.21	0.65	2.31	2.96	2.3	22	32	41.3	76	8	22	A	A
22	12	2018	20	42	10.81	41.803	19.378	6	5	0.15	1.08	2.98	2.81		2.8	16	18	67.9	178	10	13	C	B
24	12	2018	13	49	45.66	40.552	19.683	18	8	0.1	0.29	0.53	2.93	2.57	2.9	27	39	20.6	101	12	24	B	A
26	12	2018	2	9	38.24	41.376	20.997	16	5	0.16	0.8	1.26	1.9	2.6	1.9	19	26	57.6	187	9	14	C	B
27	12	2018	6	17	35.71	41.080	19.952	23.8	5	0.18	0.59	3.03	1.98	2.02	2	17	22	30.6	106	12	13	C	B
27	12	2018	7	42	56.02	41.369	19.428	1.5	6	0.37	1.1	1.95	2.07	2.82	2.1	18	25	36.6	117	19	15	C	B
28	12	2018	0	53	2.05	41.702	20.262	18.7	5	0.09	12.26	5.41	1.29	1.86	1.3	9	15	Atl	8	0	6	D	D
28	12	2018	0	59	30.91	40.701	19.311	31.5	9	0.18	0.35	0.71	2.12	2.36	2.1	30	42	26.2	84	9	24	A	B
29	12	2018	7	15	19.15	40.379	20.041	25.4	9	0.44	0.58	1.28	3.58	3.86	3.6	42	56	47.4	73	10	32	A	C
29	12	2018	23	6	40.78	41.839	19.662	19.7	0	0.03	0.73	0.78	1.12	1.88	1.1	10	13	29.7	189	8	9	D	A
30	12	2018	18	52	45.36	39.429	20.565	28.3	4	0.24	0.57	0.65	3	3.4	3	29	40	69.7	149	10	21	C	B
30	12	2018	20	41	8.41	39.194	20.845	41.1	2	0.52	1.52	2.53	3.32		3.3	36	47	47.7	153	7	28	C	C
31	12	2018	7	52	24.26	39.234	20.892	44.8	7	0.05	0.37	0.73	4.3	3.55	4.3	23	34	53.4	155	11	23	C	A
31	12	2018	8	33	24.32	39.076	20.832	65.6	0	0.04	0.53	1.09	3.36	3.34	3.4	14	21	35.2	161	19	14	C	A





**-Fig. 2 -**

Harta e shpërndarjes në hapësirë të epiqendrave, në përputhje me magnitudë (madhësia e simbolit) dhe thellësinë (ngjyra e simbolit); Ngjarjet janë lokalizuar gjatë muajit Dhjetor 2018, bazuar në regjistrimet e ASN dhe stacioneve sizmologjike në rajon.  
(Epicentral map for located seismicity within Albania and surrounding during December 2018)

## 1. Statistika e ngjarjeve (Events Statistics)

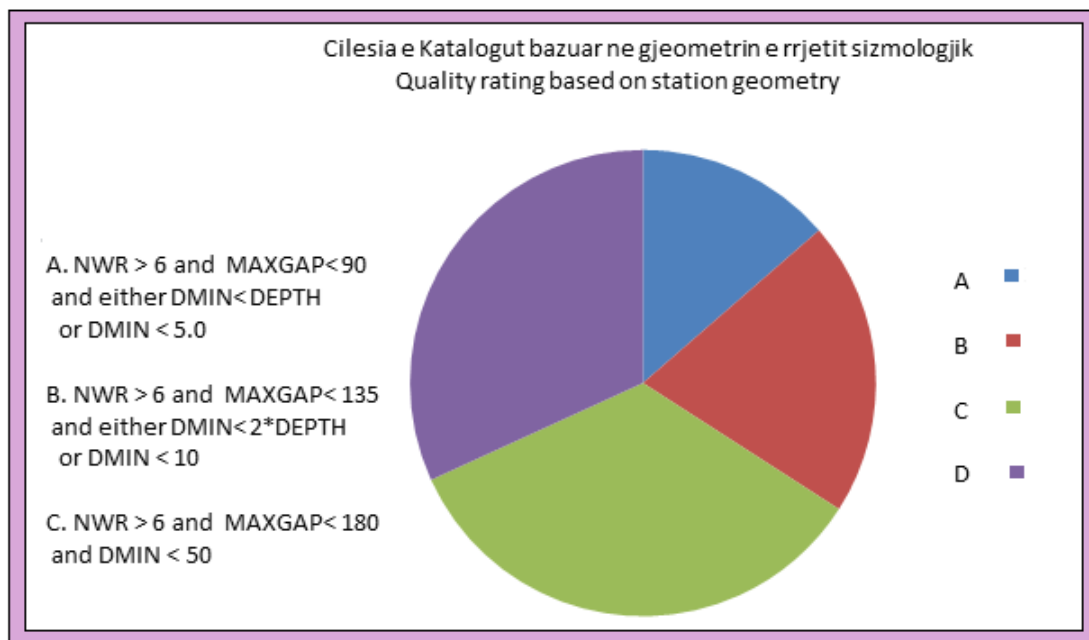
**Tab. 5** – Të dhënat përfaqësuese për statistikën e ngjarjeve (representative earthquake statistical data)

Të dhënat përfaqësuese	Representative Parameters	Vlerat (observed values)
Numuri i përgjithshëm i ngjarjeve të regjistruara (kuadrati 39o-43o V; 18.5o-21.5oL)	[total recorded number of seismic events]	44
Numuri i ngjarjeve sizmike brenda kufirit shtetëror	[earthquakes occurred within state border]	31
Thellësia mesatare e vrojtuar (km)	[mean observed depth]	20
Thellësia maksimale e vrojtuar (km)	[maximum observed depth]	79
Magnituda lokale minimale e vrojtuar ( $M_{Ld}$ )	[minimum observed local magnitude]	1.2
Magnituda lokale maksimale e vrojtuar ( $M_{Ld}$ )	[maximum observed local magnitude]	4.3
Intensiteti maksimal i vrojtuar (MSK-64)	[maximum observed intensity]	V-VI

## 2. Karakteristikat kryesore të sizmicitetit për muajin dhe vlerësimi i cilësisë së katalogut sizmik

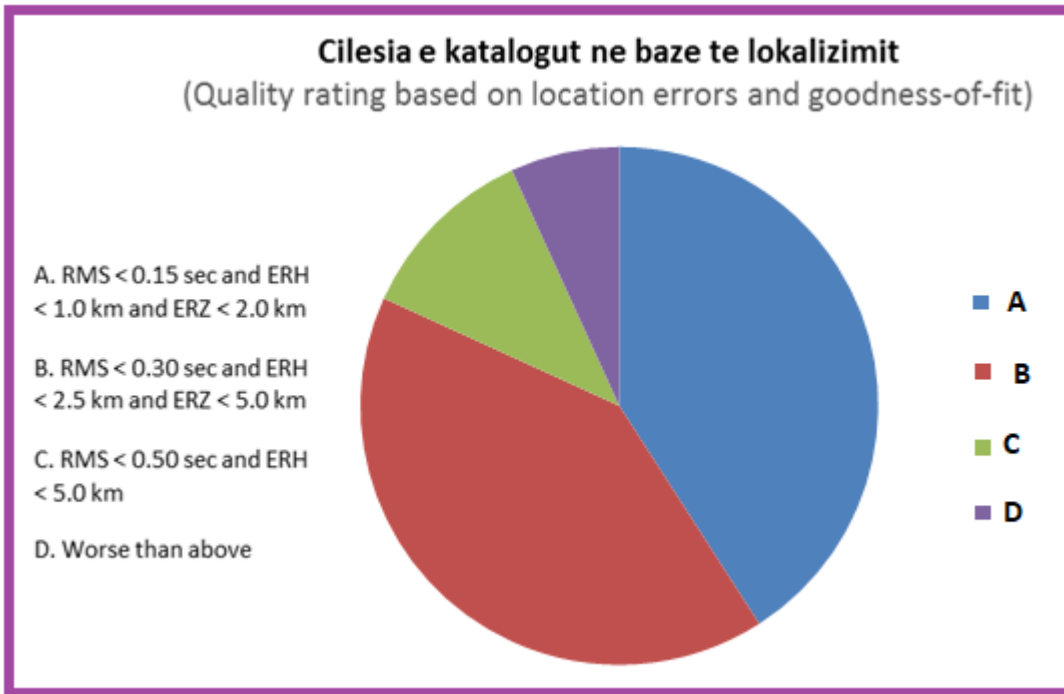
Sizmiciteti i muajit Dhjetor 2018 është dominuar nga aktiviteti sizmik në rajonin në Shqipëri jugore, ku është regjistruar i ngjarjes së datës 01 Dhjetor 2018, ora 04:54 (UTM), me  $M_L = 4.3$  (Rihter).

Bazuar në gabimet në lokalizim dhe në gjeometrinë e rrjetit për çdo termet është vlerësuar cilësia e katalogut e paraqitur në histogramat respektive në vijim.

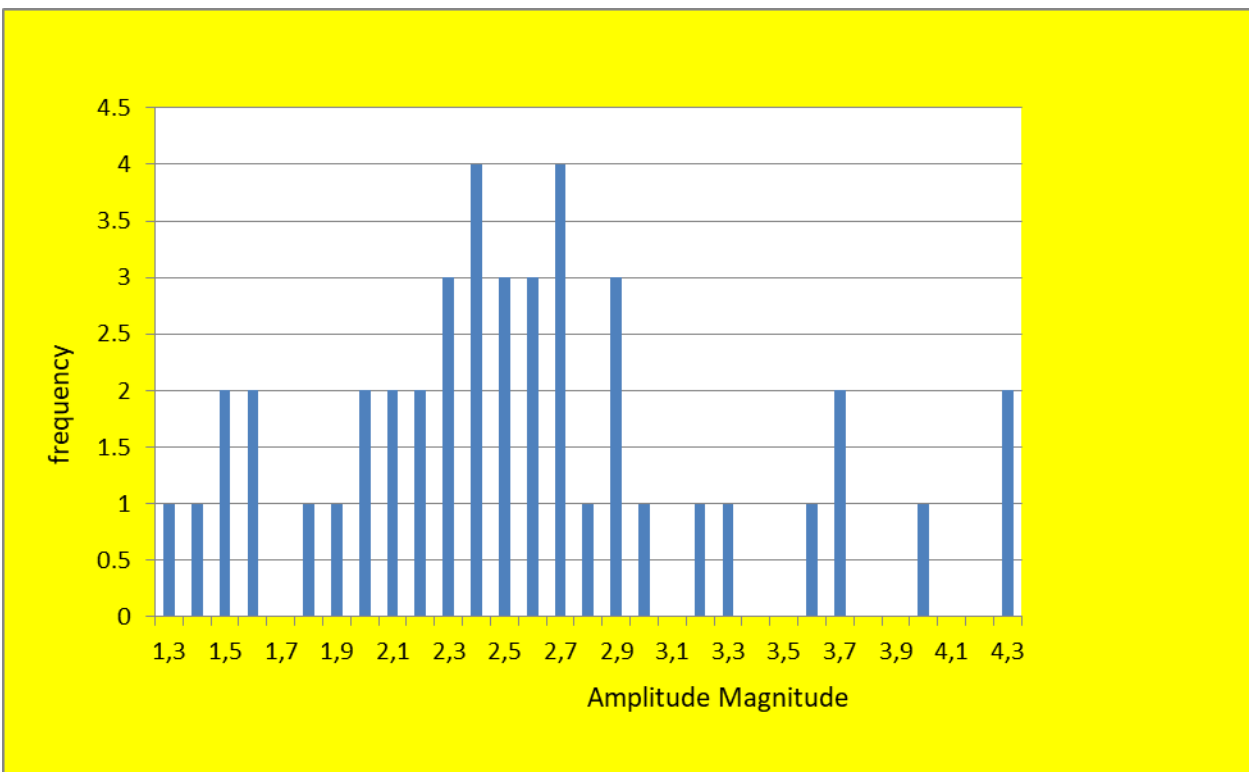


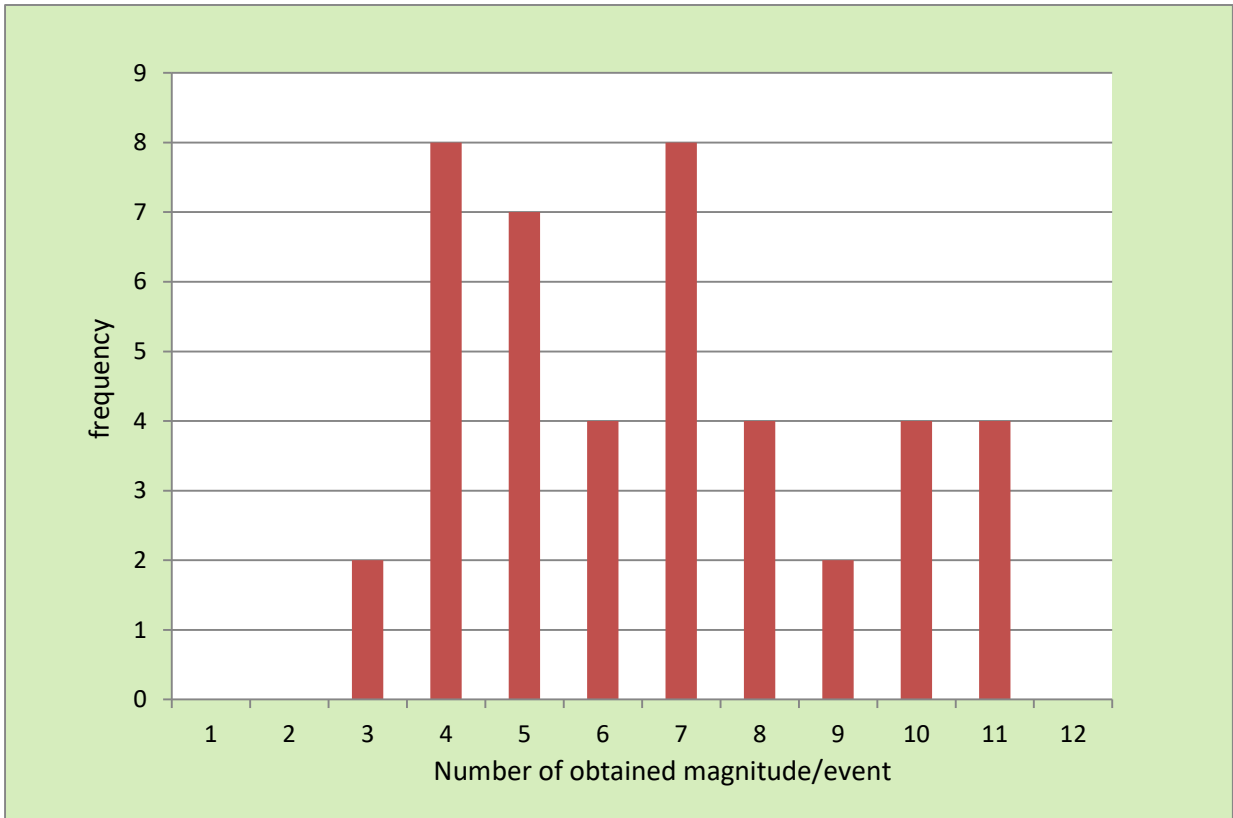
Grafiku i cilësisë së katalogut bazuar në gjeometrinë e rrjetit sizmologjik



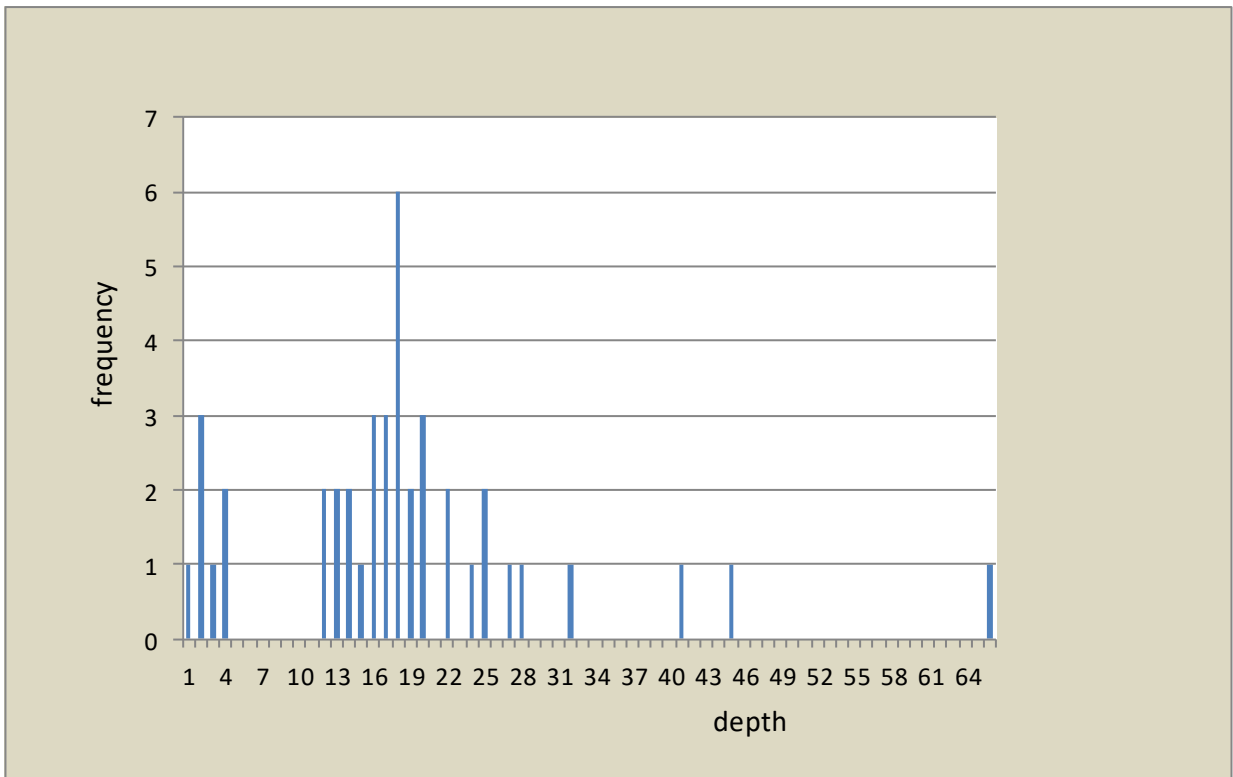


Grafiket e cilësisë së katalogut bazuar në lokalizimin e ngjerjes sizmike





Grafiket e magnitudes lokale e amplitudes maksimale (mm), sipas simulimit Wood-Anderson, Richter (1958)



Grafiku i frekuences se termeteve ne lidhje me thellesin.

### 3. Mekanizmi fokal (Focal mechanisms)

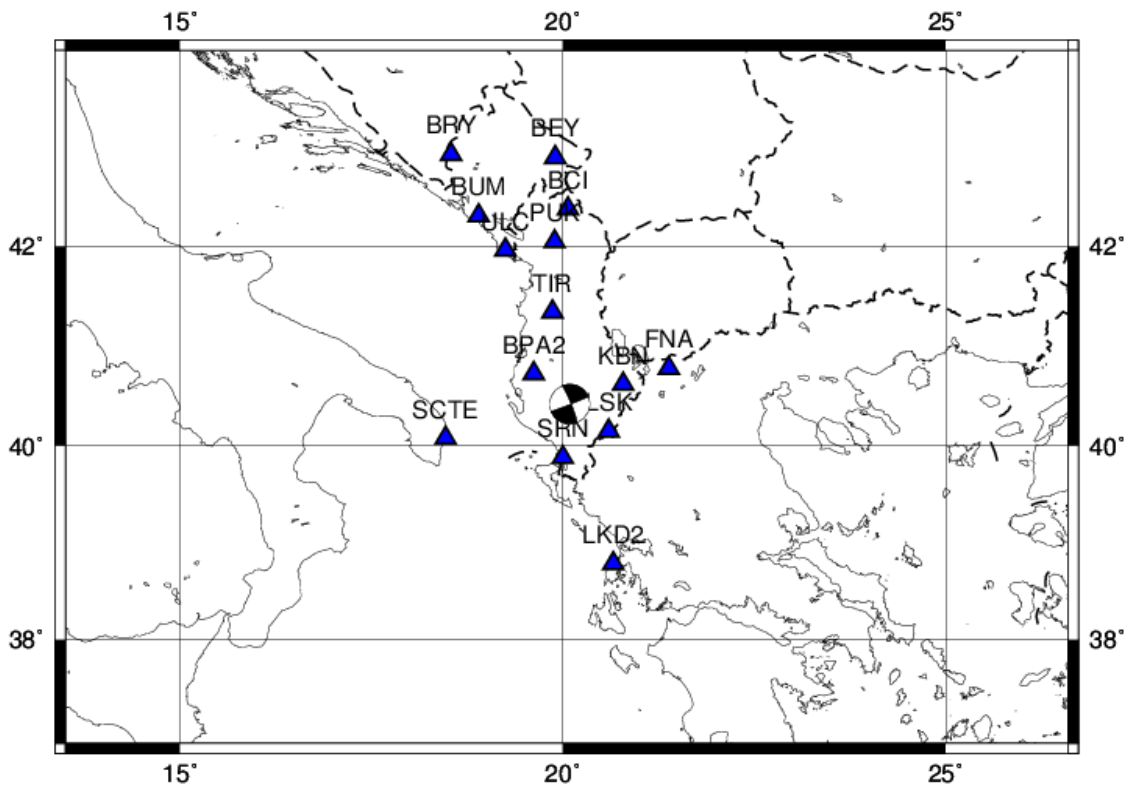
#### 1. Main shock

#### Source parameters (relocated)

Date	Time	Coordinates	Depth	rms	Magnitude
181201	0454 15.91	40.412 20.061	12.7	0.23	4.3 (amplitude estimated magnitude)
GAP=70		0.51 1.03	(accuracy)		

#### Source geometry (active plane) : FOCMEC F

Strike	Dip	Rake
84.21	-1.56	3.40



#### 4. Përshkrim i të dhënave makrosizmike (*Macro-seismic data description for individual events*)

##### **Ngjarja 1:**

Datë 01.12.2018, në orën 04:54:20.01(UTC); (06:54:20.01ora lokale); lokalizuar 40.41V; 20.06L, ne Golemaj, 13km në Veri-Lindje te Tepelenes; Intensiteti i tërmetit në epiqendër  $I_0 = V-VI$  ballë (EMS-98); Ndjerë: V ballë në Golemaj, Ballaban,; IV-V ballë ne qytetin e Tepelenes, Memaliaj dhe Kelcure dhe ne fshatin Gllave; IV ballë ne Gusmar, Corovode, Grabove dhe Fratar; III ballë ne Himare, Ballesh, Polican.

(Event 1):

(Intensity  $I_0 = V-VI$  degree EMS-98, felt V at Golemaj, Ballaban; IV-V at Tepelenes, Memaliaj and Kelcure towns and Gllava village; IV at Gusmar, Corovode, Grabove and Fratar villages; III - IV at Himare, Ballesh, and Polican towns).

**Shënim:** Intensiteti i tërmetit në epiqendër  $I_0$  është përcaktuar nga relacioni  $I_0 = (\text{Mag} (M_{L/d}) - 1)/0.6$

**Note:** The earthquake Intensity in epicenter  $I_0$  is derived from the relation  $I_0 = (\text{Mag} (ML/d) - 1)/0.6$

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