

**Universiteti Politeknik i Tiranës**  
**Instituti i Gjeoshkencave, Energjisë, Ujit dhe Mjedisit**  
**Departamenti i Sizmologjisë**

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Rr. "Don Bosko", Nr. 60  
Kodi postar: 1024; Kutia postare: 219  
Tirane  
www.geo.edu.al  
alert\_tir@geo.edu.al  
Tel. 042 250 601  
Fax. 042 259 540

**BULETINI SIZMOLOGJIK**

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**Përpiloi:**

Prof. Dr. Rrapo ORMENI

Dr. Edmond DUSHI

**Përgjegjësi i Departamentit**

Prof. Asoc. Dr. Rrexhep KOCI

## 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*)

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

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

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

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

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

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

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

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

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

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

Rrjeti Sizmologjik Virtual (Virtual Seismological Network)

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

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

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

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

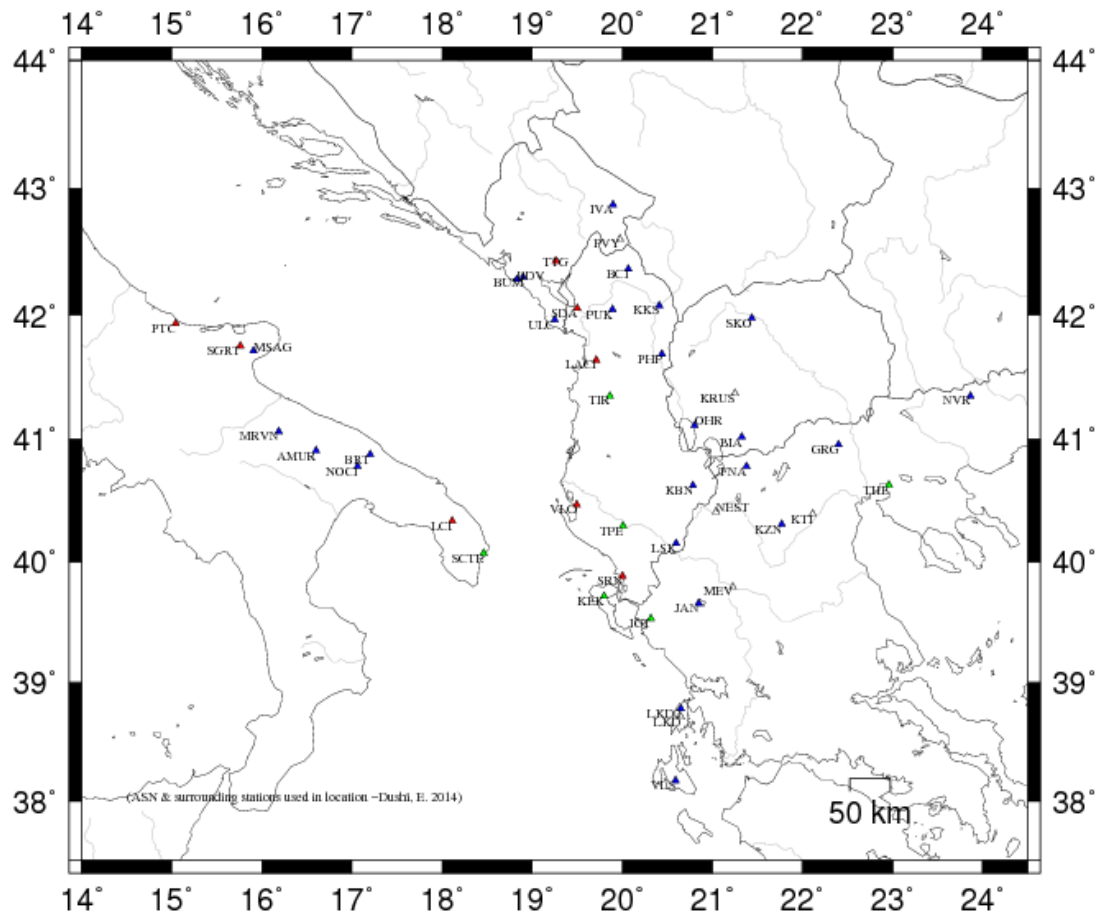
Kodi	Regjistruar (Po/Jo)	Gjer. Gjeo.	Gjat. Gjeo.	Lartesia	Tipi i stacionit	Sensori	Terheqja e Informacionit	Komunikimi	T <sub>0</sub>
Station Code	Registered (WDC)	Latitude (degree)	Longitude (degree)	Elev. (m)	Station type	Sensor type	Acquisition system	Communication	Nat.l Period (s)
MEV	Po (Y)	39.7850	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 terminologjisë së përdorur për parametrat e përfutur**  
(Output parameter’s description)

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

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

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

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

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

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

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

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

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

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-08-04 0850 0.96 40 8.30 20E17.50 2.00 0.31 1.04 1.43 2.09 2.54 2.1

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 13 18 26.2 Atl 176 6 0 11 5 12 # 3.00 0.02 L 2.00 0.23 D  
 REGION= 12km JP të Përmetit, Rajoni Përmetit (12km SW of Përmeti, Përmeti Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
LSK	AC	HHZ		26.2	87	61	P		6.31	5.35	5.49	0.00	-0.14	1.12		0.389	1.00	31	2.76	D		
LSK	AC	HHN		26.2	87	61	S		10.58	9.62	9.61	0.00	0.01	1.12S		0.497						
LSK	AC	HHE		26.2	87	61		6	0.00	-0.96	5.49	0.00		0.00		0.000	1.00			4.0	.83	2.52 L
SRN	AC	HHZ		38.0	221	61	P		8.10	7.14	7.77	0.00	-0.43	0.86		0.285	1.00	17	2.31	D		
SRN	AC	HHN		38.0	221	61		6	0.00	-0.96	7.77	0.00		0.00		0.000	1.00			1.1	.87	2.09 L
								S	14.68	13.72	13.60	0.00	0.12	1.12S		0.520						
IGT	AC	HHZ		67.5	177	51	P		13.31	12.35	12.85	0.00	-0.50	1.07		0.185						
IGT	AC	HHN		67.5	177	51	S		23.67	22.71	22.49	0.00	0.22	1.12S		0.395						
KBN	AC	HHZ		68.4	37	51	P		13.06	12.10	13.01	0.00	-0.21	0.21		0.012						
KBN	AC	HHN		68.4	37	51		6	0.00	-0.96	13.01	0.00		0.00		0.000	1.00			0.44	.87	2.07 L
								S	23.89	22.93	22.77	0.00	0.16	1.12S		0.848						
FNA	AC	HHN		117.0	52	51	P		22.09	21.13	21.36	0.00	-0.23	1.12		0.279						
LKD2	AC	HHZ		153.1	168	46	P		28.55	27.59	27.56	0.00	0.03	1.12		0.156						
LKD2	AC	HHE		153.1	168	46	S		49.73	48.77	48.23	0.00	0.54*	1.03S		0.428						
PHP	AC	HHZ		172.2	4	46	P		32.76	31.80	30.60	0.00	1.20*	0.00		0.000						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-08-06 1303 46.10 40 28.81 19E52.45 18.08 0.25 0.99 1.34 1.95 2.49 2.0

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 12 17 32.1 Atl 166 10 0 10 5 12 4.00 0.01 L 3.00 0.10 D  
 REGION= Malas, 17km VP të Memaliaj, Rajoni Tepelenë (Malas, 17km NW of Memaliaj, Tepelena Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
VLO	AC	HHZ		32.1	268	114	P		53.09	6.99	6.61	0.00	0.38	0.98		0.288	1.00	15	2.27	D		
VLO	AC	HHN		32.1	268	114		6	0.00	-46.10	6.61	0.00		0.00		0.000	1.00			2.8	.20	2.49 L
								S	57.75	11.65	11.57	0.00	0.08	1.01S		0.593						



SRN	AC	HHZ	67.5	170	98	P		58.22	12.12	12.35	0.00	-0.23	1.01	0.157	1.00	18	2.49	D					
SRN	AC	HHE	67.5	170	98		6	60.00	13.90	12.35	0.00		0.00	0.000	1.00				0.33	.56		1.95	L
						S		67.53	21.43	21.61	0.00	-0.18	1.01S	0.495									
LSK	AC	HHZ	71.7	120	97	P		58.02	11.92	13.05	0.00	-1.13*	0.00	0.000	1.00	20	2.59	D					
LSK	AC	HHN	71.7	120	97		6	60.00	13.90	13.05	0.00		0.00	0.000	1.00				0.28	.25		1.93	L
						S		68.78	22.68	22.84	0.00	-0.16	1.01S	0.445									
IGT	AC	HHZ	112.3	159	71	P		65.98	19.88	19.58	0.00	0.30	1.01	0.171									
IGT	AC	HHN	112.3	159	71	S		80.81	34.71	34.26	0.00	0.44	0.90S	0.353									
SCTE	AC	HHZ	127.6	250	71	P		67.90	21.80	22.02	0.00	-0.22	1.01	0.245									
SCTE	AC	HHN	127.6	250	71		6	60.00	13.90	22.02	0.00		0.00	0.000	1.00				0.11	.34		1.95	L
						S		84.43	38.33	38.53	0.00	-0.20	1.01S	0.551									
FNA	AC	HHN	132.0	74	71	P		68.73	22.63	22.73	0.00	-0.10	1.01	0.696									
LKD2	AC	HHZ	199.4	160	57	P		80.71	34.61	33.35	0.00	1.26*	0.00	0.000									

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-08-06	2044	2.53	39	56.81	19E44.88	13.92	0.25	0.59	1.23	2.27	2.64	2.3

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
16	23	22.8	At1	130	8	0	15	7	16		5.00	0.02	L	3.00	0.12	D
REGION= Ionian Sea, 24km VP të Sarandës, Rajoni Sarandës (Ionian Sea, 24km NW of Saranda, Saranda Region, Albania)																

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T					
SRN	AC	HHZ		22.8	108	116	P		7.34	4.81	4.90	0.00	-0.09	1.05		0.311	1.00	17	2.28	D				
SRN	AC	HHN		22.8	108	116		6	0.00	-2.53	4.90	0.00		0.00		0.000	1.00				1.6	.15	2.16	L
							S		10.98	8.45	8.57	0.00	-0.13	1.05S		0.590								
VLO	AC	HHZ		61.8	340	78	P		14.29	11.76	11.34	0.00	0.42	0.84		0.136	1.00	23	2.64	D				
VLO	AC	HHE		61.8	340	78		6	0.00	-2.53	11.34	0.00		0.00		0.000	1.00				2.8	.30	2.79	L
							S		22.38	19.85	19.85	0.00	0.00	1.05S		0.402								
IGT	AC	HHZ		67.9	132	78	P		15.31	12.78	12.37	0.00	0.41	0.86		0.122								
IGT	AC	HHE		67.9	132	78	S		24.02	21.49	21.65	0.00	-0.16	1.05S		0.430								
LSK	AC	HHZ		76.0	72	78	P		16.04	13.51	13.73	0.00	-0.22	1.05		0.088	1.00	26	2.76	D				
LSK	AC	HHE		76.0	72	78		6	0.00	-2.53	13.73	0.00		0.00		0.000	1.00				0.59	.77	2.29	L
							S		26.34	23.81	24.03	0.00	-0.22	1.05S		0.211								
SCTE	AC	HHZ		110.2	278	68	P		21.78	19.25	19.47	0.00	-0.22	1.05		0.257								
SCTE	AC	HHN		110.2	278	68		6	0.00	-2.53	19.47	0.00		0.00		0.000	1.00				0.30	.37	2.26	L
							S		36.40	33.87	34.07	0.00	-0.20	1.05S		0.480								
KBN	AC	HHZ		116.0	49	68	P		23.27	20.74	20.39	0.00	0.35	0.99		0.087								
KBN	AC	HHN		116.0	49	68		6	0.00	-2.53	20.39	0.00		0.00		0.000	1.00				0.28	.93	2.27	L
							S		38.34	35.81	35.68	0.00	0.13	1.05S		0.283								
LKD2	AC	HHZ		150.6	148	68	P		28.73	26.20	25.91	0.00	0.29	1.04		0.261								
FNA	AC	HHN		167.0	55	68	P		31.50	28.97	28.53	0.00	0.44	0.78		0.052								
FNA	AC	HHE		167.0	55	68	S		52.19	49.66	49.93	0.00	-0.27	1.05S		0.281								
PHP	AC	HHZ		201.6	16	55	P		35.53	33.00	34.03	0.00	-1.03*	0.00		0.000								

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-08-06 2351 13.57 41 24.86 20E17.69 2.08 0.22 0.90 3.50 1.29 2.13 1.3

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 7 11 32.4 At1 132 21 0 7 4 7 # 2.00 0.12 L 2.00 0.05 D

REGION= Krasta, 10km JL të Bulqizës, Rajoni Bulqizës (Ionian Sea, 10km SE of Bulqiza, Bulqiza Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
PHP	AC	HHZ		32.4	22	61	P		19.93	6.36	6.68	0.00	-0.32	1.26		0.570	1.00	15	2.18 D
PHP	AC	HHN		32.4	22	61		6	0.00-13.57	6.68	0.00			0.00		0.000	1.00		0.27 .07 1.41 L
							S		24.34	10.77	11.69	0.00	-0.42	0.58S		0.400			
TIR	AC	HHZ		36.7	259	61	P		21.07	7.50	7.52	0.00	-0.02	1.26		0.733	1.00	13	2.08 D
TIR	AC	HHN		36.7	259	61		6	0.00-13.57	7.52	0.00			0.00		0.000	1.00		0.14 .15 1.17 L
							S		26.45	12.88	13.16	0.00	-0.28	1.26S		0.867			
BCI	AC	HHZ		107.4	350	51	P		33.62	20.05	19.71	0.00	0.34	1.26		0.397			
BCI	AC	HHN		107.4	350	51	S		49.24	35.67	34.49	0.00	0.28	0.11S		0.032			
FNA	AC	HHN		115.4	127	51	S		50.25	36.68	36.87	0.00	-0.19	1.26S		0.998			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-08-07 0021 42.22 41 1.70 20E41.89 8.25 0.06 0.47 1.49 1.51 2.32 1.5

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 10 15 45.6 At1 153 8 0 9 5 10 2.00 0.11 L 2.00 0.04 D

REGION= Liqeni Ohrid, 24km VL të Pogradecit, Rajoni Pogradecit (Ohrid Lake, 24km NE of Pogradeci, Pogradeci Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
KBN	AC	HHZ		45.6	170	93	P		50.74	8.52	8.47	0.00	0.05	1.08		0.188	1.00	16	2.28 D
KBN	AC	HHN		45.6	170	93		6	0.00-42.22	8.47	0.00			0.00		0.000	1.00		0.19 .37 1.40 L
							S		56.99	14.77	14.82	0.00	-0.05	1.08S		0.371			
FNA	AC	HHN		63.9	115	92	P		53.89	11.67	11.62	0.00	0.05	1.08		0.285			
FNA	AC	HHE		63.9	115	92	S		62.52	20.30	20.33	0.00	-0.03	1.08S		0.700			
PHP	AC	HHZ		76.0	344	91	P		56.02	13.80	13.70	0.00	0.10	1.07		0.351	1.00	17	2.35 D
PHP	AC	HHN		76.0	344	91		6	60.00	17.78	13.70	0.00		0.00		0.000	1.00		0.13 .14 1.62 L
							S		66.10	23.88	23.98	0.00	-0.09	1.08S		0.620			
LSK	AC	HHZ		97.9	185	91	P		59.49	17.27	17.47	0.00	-0.20	0.36		0.025			
LSK	AC	HHE		97.9	185	91	S		72.80	30.58	30.57	0.00	0.01	1.08S		0.462			
IGT	AC	HHZ		169.1	191	68	P		71.97	29.75	29.23	0.00	0.52*	0.00		0.000			
IGT	AC	HHE		169.1	191	68	S		93.35	51.13	51.15	0.00	-0.02	1.08S		0.993			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-08-07 0107 38.53 41 2.54 20E46.32 5.59 0.20 0.58 1.72 3.09 3.22 3.1

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 13 20 46.5 At1 140 6 0 12 7 13 4.00 0.05 L 4.00 0.03 D

REGION= Liqeni Ohrid, 18km VL të Pogradecit, Rajoni Pogradecit (Ohrid Lake, 18km NE of Pogradeci, Pogradeci Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
KBN	AC	HHZ		46.5	178	62	P		47.20	8.67	8.66	0.00	0.01	1.17		0.282	1.00	48	3.21 D
KBN	AC	HHN		46.5	178	62		6	0.00-38.53	8.66	0.00			0.00		0.000	1.00		8.6 .92 3.06 L
							S		53.51	14.98	15.15	0.00	-0.18	1.17S		0.256			
FNA	AC	HHN		59.1	119	62	S		57.67	19.14	18.93	0.00	0.20	1.17S		0.768			
PHP	AC	HHZ		76.5	339	62	P		52.15	13.62	13.82	0.00	-0.20	1.17		0.387	1.00	40	3.08 D
PHP	AC	HHN		76.5	339	62		6	60.00	21.47	13.82	0.00		0.00		0.000	1.00		4.0 .56 3.12 L
							S		62.70	24.17	24.18	0.00	-0.02	1.17S		0.333			
TIR	AC	HHZ		83.3	295	62	P		52.94	14.41	14.98	0.00	-0.47	0.07		0.001	1.00	47	3.22 D
TIR	AC	HHN		83.3	295	62		6	60.00	21.47	14.98	0.00		0.00		0.000	1.00		1.9 .47 2.85 L
							S		64.94	26.41	26.22	0.00	0.19	1.17S		0.395			
LSK	AC	HHZ		100.2	189	62	P		56.33	17.80	17.88	0.00	-0.08	1.17		0.286	1.00	49	3.27 D
LSK	AC	HHN		100.2	189	62		6	60.00	21.47	17.88	0.00		0.00		0.000	1.00		2.8 .56 3.15 L
							S		69.49	30.96	31.29	0.00	-0.33	1.00S		0.195			
SRN	AC	HHZ		144.7	208	55	P		64.37	25.84	25.52	0.00	0.32	1.05		0.154			
SRN	AC	HHN		144.7	208	55	S		83.42	44.89	44.66	0.00	0.23	1.17S		0.464			
BCI	AC	HHZ		158.4	339	55	P		66.71	28.18	27.70	0.00	0.48	0.36		0.023			
BCI	AC	HHN		158.4	339	55	S		86.89	48.36	48.47	0.00	-0.11	1.17S		0.449			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-08-08 1822 26.16 41 50.38 20E 9.04 30.00 0.62 1.23 1.71 2.78 2.37 2.8

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 10 15 29.6 At1 150 6 0 10 5 10 # 4.00 0.31 L 4.00 0.09 D

REGION= Krej Lurë, Rajoni Elbasanit (Krej Lurë, Elbasani Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
PHP	AC	HHZ		29.6	125	61	P		31.53	5.37	6.15	0.00	-0.48	1.05		0.409	1.00	16	2.22 D
PHP	AC	HHN		29.6	125	61		6	0.00-26.16	6.15	0.00			0.00		0.000	1.00		18 .34 3.21 L
							S		36.40	10.24	10.76	0.00	-0.22	1.08S		0.563			
BCI	AC	HHZ		58.9	354	51	P		37.36	11.20	11.39	0.00	-0.19	1.08		0.412	1.00	18	2.39 D
BCI	AC	HHE		58.9	354	51		6	0.00-26.16	11.39	0.00			0.00		0.000	1.00		0.89 .28 2.23 L
							S		46.25	20.09	19.93	0.00	0.16	1.08S		0.803			

TIR	AC	HHZ	59.6	204	51	P		36.85	10.69	11.50	0.00	-0.41	1.03	0.404	1.00	17	2.34	D				
TIR	AC	HHE	59.6	204	51		6	0.00	-26.16	11.50	0.00		0.00	0.000	1.00				2.0	.23	2.59	L
						S		45.64	19.48	20.13	0.00	-0.65*	1.08S	0.543								
KBN	AC	HHZ	145.2	158	51	P		53.39	27.23	26.21	0.00	0.32	0.76	0.118	1.00	26	2.78	D				
KBN	AC	HHE	145.2	158	51		6	60.00	33.84	26.21	0.00		0.00	0.000	1.00				0.88	.43	2.96	L
						S		71.99	45.83	45.87	0.00	-0.04	1.08S	0.301								
LSK	AC	HHZ	191.4	168	46	P		60.91	34.75	33.67	0.00	0.48	0.66	0.075								
LSK	AC	HHN	191.4	168	46	S		85.77	59.61	58.92	0.00	0.69*	1.08S	0.366								

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	08	09	0804	10.65	41 44.61	20E 9.54	0.05	0.35	0.83	2.20	3.38	3.25 3.3

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
11	16	24.3	Atl	144	11	0	9	4	11	#	2.00	0.09 L	5.00 0.61 D

REGION= Kurbneshë, Rajoni Matit (Kurbneshë, Mati Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T	
PHP	AC	HHZ		24.3	105	61	P		15.88	5.23	5.12	0.00	0.11	1.11		0.374	1.00	12	1.95 D	
PHP	AC	HHN		24.3	105	61	S		19.59	8.94	8.96	0.00	-0.02	1.11S		0.649				
TIR	AC	HHZ		50.4	210	51	P		20.35	9.70	9.91	0.00	-0.21	1.11		0.367	1.00	24	2.62 D	
TIR	AC	HHE		50.4	210	51	S		27.78	17.13	17.34	0.00	-0.21	1.11S		0.515				
BCI	AC	HHZ		69.6	354	51	P		24.15	13.50	13.22	0.00	0.28	1.11		0.400	1.00	49	3.25 D	
BCI	AC	HHE		69.6	354	51		6	0.00	-10.65	13.22	0.00		0.00		0.000	1.00		7.01.00	3.29 L
							S		33.39	22.74	23.13	0.00	-0.39	1.11S		0.798				
KBN	AC	HHZ		135.1	156	51	P		34.81	24.16	24.46	0.00	-0.30	1.11		0.207	1.00	66	3.56 D	
KBN	AC	HHN		135.1	156	51	S		51.16	40.51	42.81	0.00	-2.29*	0.00S		0.000				
LSK	AC	HHZ		180.8	168	46	P		41.97	31.32	31.97	0.00	-0.65*	1.04		0.151	1.00	90	3.86 D	
LSK	AC	HHE		180.8	168	46		6	60.00	49.35	31.97	0.00		0.00		0.000	1.00		1.71.00	3.47 L
							S		67.12	56.47	55.95	0.00	0.52*	1.11S		0.533				
SRN	AC	HHZ		207.4	184	46	P		48.13	37.48	36.21	0.00	1.27*	0.10		0.001				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	08	09	0819	46.45	41 44.95	20E13.28	6.95	0.16	1.03	16.42	2.24	2.69 2.3

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
6	9	19.6	Atl	136	8	0	5	3	6	-	3.00	0.25 L	3.00 0.25 D

REGION= Kurbneshë, Rajoni Matit (Kurbneshë, Mati Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T	
PHP	AC	HHZ		19.6	111	95	P		51.20	4.75	4.01	0.00	0.74*	0.00		0.000	1.00	11	1.85 D	
PHP	AC	HHE		19.6	111	95		6	0.00	-46.45	4.01	0.00		0.00		0.000	1.00		7.71.00	2.74 L

						S	53.50	7.05	7.02	0.00	0.03	1.01S	0.999							
TIR	AC	HHZ	53.6	214	91	P	56.05	9.60	9.85	0.00	-0.25	0.96	0.600	1.00	26	2.69	D			
TIR	AC	HHE	53.6	214	91		6	60.00	13.55	9.85	0.00	0.00	0.000	1.00			0.601	1.00	1.99	L
						S	63.86	17.41	17.24	0.00	0.17	1.01S	0.881							
BCI	AC	HHZ	69.8	350	90	P	58.95	12.50	12.63	0.00	-0.13	1.01	0.636	1.00	34	2.94	D			
BCI	AC	HHE	69.8	350	90		6	60.00	13.55	12.63	0.00	0.00	0.000	1.00			0.611	1.00	2.24	L
						S	68.68	22.23	22.10	0.00	0.13	1.01S	0.881							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	08	11	0532	44.79	40 16.70	23E48.44	41.67	0.24	1.48	2.45	3.81	3.8

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
15	22	81.7	Atl	292	9	0	13	6	15		3.00	0.09	L
											0.00	0.00	D

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T		
THE	AC	HHZ		81.7	299	96	P		60.14	15.35	15.13	0.00	0.22	1.03		0.366					
THE	AC	HHE		81.7	299	96	S		71.09	26.30	26.48	0.00	-0.18	1.03S		0.766					
KBN	AC	HHZ		259.1	280	68	P		84.78	39.99	39.32	0.00	0.47	0.61		0.046					
KBN	AC	HHE		259.1	280	68	S		113.89	69.10	68.81	0.00	0.29	1.03S		0.262					
LSK	AC	HHZ		273.6	269	68	P		85.79	41.00	41.24	0.00	-0.24	1.03		0.132					
LSK	AC	HHE		273.6	269	68		6	60.00	15.21	41.24	0.00	0.00	0.00		0.000	1.00	2.0	.80	4.02	L
							S		117.22	72.43	72.17	0.00	0.26	1.03S		0.234					
IGT	AC	HHZ		308.8	256	68	P		91.84	47.05	45.90	0.00	1.15*	0.00		0.000					
IGT	AC	HHN		308.8	256	68	S		124.94	80.15	80.32	0.00	-0.18	1.03S		0.269					
LKD2	AC	HHZ		317.3	240	68	P		91.71	46.92	47.03	0.00	-0.11	1.03		0.318					
LKD2	AC	HHN		317.3	240	68	S		126.92	82.13	82.30	0.00	-0.17	1.03S		0.405					
PHP	AC	HHZ		323.6	300	68	P		92.38	47.59	47.85	0.00	-0.26	1.03		0.239					
PHP	AC	HHN		323.6	300	68		6	120.00	75.21	47.85	0.00	0.00	0.00		0.000	1.00	0.66	.75	3.72	L
							S		128.33	83.54	83.74	0.00	-0.20	1.03S		0.483					
SRN	AC	HHZ		327.8	264	68	P		93.53	48.74	48.41	0.00	0.33	1.03		0.146					
SRN	AC	HHE		327.8	264	68		6	120.00	75.21	48.41	0.00	0.00	0.00		0.000	1.00	0.79	.63	3.81	L
							S		127.39	82.60	84.72	0.00	-2.12*	0.00S		0.000					
BCI	AC	HHZ		389.7	308	68	P		101.40	56.61	56.60	0.00	0.01	1.03		0.328					

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	08	12	0739	50.58	40 48.17	19E31.08	3.28	0.25	0.74	1.01	2.36	2.45	2.4

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
21	31	10.4	Atl	191	7	0	18	9	20		4.00	0.26	L
											1.00	0.00	D

REGION= Mbrostar, Rajoni Fierit (Mbrostar, Fieri Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
FIER	SM	HHN		10.4	156	100	S		54.40	3.82	3.90	0.00	-0.08	1.15S		0.485			
FIER	SM	HHZ		10.4	156	100	P		52.90	2.32	2.23	0.00	0.09	1.15		0.350			
VLO	AC	HHN		37.2	183	62		6	60.00	9.42	7.26	0.00		0.00		0.000	1.00		3.3 .46 2.55 L
							S		63.59	13.01	12.70	0.00	0.31	1.15S		0.504			
VLO	AC	HHZ		37.2	183	62	P		58.53	7.95	7.26	0.00	0.69*	0.64		0.077	1.00	20 2.45 D	
VLO	AC	HHE		37.2	183	62		6	60.00	9.42	7.26	0.00		0.00		0.000	1.00		4.5 .20 2.68 L
BERA	SM	HHE		37.6	106	62	S		63.40	12.82	12.83	0.00	-0.01	1.15S		0.351			
BERA	SM	HHZ		37.6	106	62	P		57.80	7.22	7.33	0.00	-0.11	1.15		0.090			
TIR	AC	HHN		67.2	25	62		6	60.00	9.42	12.41	0.00		0.00		0.000	1.00		0.08 .21 1.31 L
							S		72.31	21.73	21.72	0.00	0.01	1.15S		0.226			
TIR	AC	HHZ		67.2	25	62	P		63.22	12.64	12.41	0.00	0.23	1.15		0.180			
KBN	AC	HHN		109.1	100	62	S		85.57	34.99	34.33	0.00	0.66*	0.73S		0.149			
KBN	AC	HHZ		109.1	100	62	P		70.06	19.48	19.62	0.00	-0.14	1.15		0.096			
SRN	AC	HHN		110.4	158	62	S		85.02	34.44	34.70	0.00	-0.26	1.15S		0.263			
SRN	AC	HHZ		110.4	158	62	P		70.63	20.05	19.83	0.00	0.22	1.15		0.114			
LSK	AC	HHE		116.9	128	62	S		87.27	36.69	36.66	0.00	0.03	1.15S		0.274			
LSK	AC	HHZ		116.9	128	62	P		70.74	20.16	20.95	0.00	-0.79*	0.37		0.007			
PHP	AC	HHN		124.8	37	62		6	60.00	9.42	22.32	0.00		0.00		0.000	1.00		0.19 .56 2.16 L
							S		89.87	39.29	39.06	0.00	0.23	1.15S		0.223			
PHP	AC	HHZ		124.8	37	62	P		73.85	23.27	22.32	0.00	0.95*	0.07		0.000			
IGT	AC	HHN		157.2	153	55	S		97.40	46.82	48.60	0.00	-1.78*	0.00S		0.000			
IGT	AC	HHZ		157.2	153	55	P		78.04	27.46	27.77	0.00	-0.31	1.15		0.107			
BCI	AC	HHE		179.6	14	55	S		105.26	54.68	54.86	0.00	-0.18	1.15S		0.293			
BCI	AC	HHZ		179.6	14	55	P		81.65	31.07	31.35	0.00	-0.28	1.15		0.201			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2016-08-12 0813 31.59 40 40.91 19E36.18 0.30 0.25 0.42 1.03 1.87 1.9

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
15 23 5.0 Atl 121 11 0 14 7 15 1.00 0.00 L 0.00 0.00 D  
REGION= Patos, Rajoni i Fierit (Patos, Fieri Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
FIER	SM	HHN		5.0	323	93	S		33.30	1.71	1.91	0.00	-0.20	1.18S		0.491			
FIER	SM	HHZ		5.0	323	93	P		32.70	1.11	1.09	0.00	0.02	1.18		0.353			
VLO	AC	HHE		25.4	202	61		6	0.00-31.59	5.29	0.00			0.00		0.000	1.00		0.91 .50 1.87 L
							S		40.62	9.03	9.26	0.00	-0.23	1.18S		0.562			
VLO	AC	HHZ		25.4	202	61	P		37.32	5.73	5.29	0.00	0.44	1.03		0.192			
BERA	SM	HHE		29.1	84	61	S		42.00	10.41	10.53	0.00	-0.13	1.18S		0.383			
BERA	SM	HHZ		29.1	84	61	P		37.90	6.31	6.02	0.00	0.29	1.18		0.275			
TIR	AC	HHN		77.2	16	51	S		56.18	24.59	25.34	0.00	-0.75*	0.09S		0.002			

TIR	AC	HHZ	77.2	16	51	P	46.44	14.85	14.48	0.00	0.37	1.15	0.115
LSK	AC	HHN	103.1	124	51	S	64.63	33.04	33.14	0.00	-0.10	1.18S	0.233
LSK	AC	HHZ	103.1	124	51	P	50.19	18.60	18.94	0.00	-0.34	1.17	0.161
PHP	AC	HHN	131.7	31	51	S	73.20	41.61	41.74	0.00	-0.13	1.18S	0.351
PHP	AC	HHZ	131.7	31	51	P	54.88	23.29	23.85	0.00	-0.56*	0.61	0.031
IGT	AC	HHN	142.0	153	51	S	76.55	44.96	44.82	0.00	0.14	1.18S	0.276
IGT	AC	HHZ	142.0	153	51	P	57.86	26.27	25.61	0.00	0.66*	0.29	0.009
BCI	AC	HHN	191.1	11	46	S	90.49	58.90	58.75	0.00	0.15	1.18S	0.558

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	08	13	2315	20.50	40 30.58	20E43.22	11.68	0.32	2.72	3.10	1.93	2.30	1.9

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
8	12	13.9	Atl	171	21	0	8	4	8	#	2.00	0.10 L	2.00 0.31 D

REGION= Floq, 13km J-P të Korcës, Rajoni Korcës (Floq, 13km S-W of Korca, Korca Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
KBN	AC	HHZ		13.9	24	125	P		23.47	2.97	3.38	0.00	-0.41	1.03		0.364	1.00	13	1.99 D
KBN	AC	HHN		13.9	24	125		6	0.00-20.50	3.38	0.00			0.00		0.000	1.00		1.6 .25 2.02 L
							S		26.65	6.15	5.91	0.00	0.23	1.08S		0.689			
LSK	AC	HHZ		41.3	195	100	P		28.12	7.62	7.81	0.00	-0.19	1.08		0.228	1.00	23	2.60 D
LSK	AC	HHE		41.3	195	100		6	0.00-20.50	7.81	0.00			0.00		0.000	1.00		0.56 .68 1.83 L
							S		33.96	13.46	13.67	0.00	-0.21	1.08S		0.825			
SRN	AC	HHZ		93.0	222	93	P		36.66	16.16	16.64	0.00	-0.48	0.89		0.246			
SRN	AC	HHE		93.0	222	93	S		49.75	29.25	29.12	0.00	0.13	1.08S		0.827			
IGT	AC	HHZ		113.6	198	78	P		41.00	20.50	20.13	0.00	0.37	1.07		0.565			
IGT	AC	HHN		113.6	198	78	S		56.28	35.78	35.23	0.00	0.55*	0.67S		0.252			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	08	14	1415	48.22	41 12.01	19E36.22	10.00	0.64	0.31	0.08	1.38	1.4

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
4	6	27.3	Atl	359	6	0	4	2	4	-	0.00	0.00 L	1.00 0.00 D

REGION= Kavajë, Rajoni Kavajës (Kavajë, Kavaja Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
TIR	AC	HHZ		27.3	53	61	P		53.45	5.23	5.71	0.00	-0.48	1.07		0.978	1.00	6	1.38 D
TIR	AC	HHN		27.3	53	61	S		57.42	9.20	9.99	0.00	-0.79*	1.03S		0.992			
PHP	AC	HHN		88.3	52	51	S		77.95	29.73	28.75	0.00	0.98*	0.83S		0.988			
PHP	AC	HHZ		88.3	52	51	P		64.86	16.64	16.43	0.00	0.21	1.07		0.978			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-08-15 1309 19.04 42 2.04 20E22.18 9.89 0.14 1.15 0.80 2.46 2.54 2.5

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 10 15 39.2 At1 204 11 0 8 4 10 3.00 0.31 L 3.00 0.08 D

REGION= Surroi, Rajoni Kukës (Surroi, Kukësi Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
PHP	AC	HHZ		39.2	171	97	P		26.47	7.43	7.42	0.00	0.01	1.02		0.383	1.00	17	2.32 D
PHP	AC	HHN		39.2	171	97		6	0.00-19.04	7.42	0.00			0.00		0.000	1.00		2.5 .11 2.46 L
							S		32.04	13.00	12.98	0.00	0.02	1.02S		0.605			
BCI	AC	HHZ		44.6	327	96	P		27.52	8.48	8.33	0.00	0.15	1.02		0.368	1.00	22	2.54 D
BCI	AC	HHN		44.6	327	96		6	0.00-19.04	8.33	0.00			0.00		0.000	1.00		4.5 .46 2.77 L
							S		33.55	14.51	14.58	0.00	-0.07	1.02S		0.621			
TIR	AC	HHZ		87.0	210	92	P		35.61	16.57	15.60	0.00	0.47	0.00		0.000	1.00	23	2.62 D
TIR	AC	HHE		87.0	210	92		6	0.00-19.04	15.60	0.00			0.00		0.000	1.00		0.32 .40 2.11 L
							S		46.32	27.28	27.30	0.00	-0.02	1.02S		0.971			
LSK	AC	HHZ		210.1	174	55	P		54.33	35.29	35.63	0.00	-0.34	0.89		0.197			
LSK	AC	HHN		210.1	174	55		S	81.58	62.54	62.35	0.00	0.19	1.02S		0.572			
IGT	AC	HHZ		277.9	181	50	P		63.68	44.64	44.67	0.00	-0.03	1.02		0.279			
IGT	AC	HHE		277.9	181	50		S	96.35	77.31	78.17	0.00	-0.86*	0.00S		0.000			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-08-16 1438 41.42 41 1.85 19E39.93 20.06 0.30 1.08 27.88 2.28 2.92 2.9

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 15 21 39.0 At1 147 8 0 11 6 13 - 5.00 0.08 L 3.00 0.02 D

REGION= Gramsh, 11km V-VP të Lushnjes, Rajoni Lushnje (Gramsh, 11km N-NW of Lushnje, Lushnja Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
TIR	AC	HHZ		39.0	25	90	P		48.43	7.01	7.78	0.00	-0.27	0.72		0.166	1.00	18	2.49 D
TIR	AC	HHE		39.0	25	90		S	54.69	13.27	13.61	0.00	-0.34	1.03S		0.261			
TIR	AC	HHN		39.0	25	90		6	0.00-41.42	7.78	0.00			0.00		0.000	1.00		1.5 .31 2.28 L
PHP	AC	HHZ		97.4	41	90	P		56.11	14.69	17.10	0.00	-0.41	0.00		0.095	1.00	28	2.92 D
PHP	AC	HHN		97.4	41	90		6	60.00	18.58	17.10	0.00		0.00		0.000	1.00		0.43 .43 2.33 L
							S		71.66	30.24	29.93	0.00	0.31	1.03S		0.318			
LSK	AC	HHZ		125.7	140	90	P		63.35	21.93	21.62	0.00	0.31	1.03		0.857			
LSK	AC	HHE		125.7	140	90		6	60.00	18.58	21.62	0.00		0.00		0.000	1.00		0.20 .54 2.20 L
SRN	AC	HHZ		130.9	167	90	P		65.39	23.97	22.45	0.00	0.52*	0.00		0.000			
SRN	AC	HHE		130.9	167	90		6	60.00	18.58	22.45	0.00		0.00		0.000	1.00		0.06 .25 1.71 L
							S		80.93	39.51	39.29	0.00	0.22	1.03S		0.348			



SCTE	AC	HHZ	146.6	225	90	P	66.36	24.94	24.94	0.00	0.00	1.03	0.302							
SCTE	AC	HHN	146.6	225	90	S	85.14	43.72	43.64	0.00	0.08	1.03S	0.591							
BCI	AC	HHZ	152.1	12	90	P	67.49	26.07	25.82	0.00	0.25	1.03	0.185	1.00	27	2.94	D			
BCI	AC	HHN	152.1	12	90	S	60.00	18.58	25.82	0.00		0.00	0.000	1.00			0.42	.47	2.69	L
						S	86.77	45.35	45.18	0.00	0.17	1.03S	0.298							
IGT	AC	HHZ	175.8	161	90	P	70.67	29.25	29.61	0.00	-0.36	1.03	0.176							
IGT	AC	HHE	175.8	161	90	S	93.00	51.58	51.82	0.00	-0.24	1.03S	0.397							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-08-17	0106	30.31	40	44.25	20E54.03	2.05	0.27	1.35	1.42	1.95	2.14	2.1

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
7	20	15.9	At1	220	9	0	13	6	13	#	4.00	0.18	L	2.00	0.30	D

REGION= Pustec, Rajoni Ersekë (Pustec, Erseka Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T		
KBN	AC	HHZ	15.9	218	61	P		33.78	3.47	3.48	0.00	-0.01	1.14	0.330	1.00	11	1.84	D			
KBN	AC	HHE	15.9	218	61	S		35.94	5.63	6.09	0.00	-0.46	0.89S	0.389							
KBN	AC	HHN	15.9	218	61	S	6	0.00-30.31	3.48	0.00			0.00	0.000	1.00			6.0	.11	2.54	L
LSK	AC	HHZ	70.1	202	51	P		43.10	12.79	13.30	0.00	-0.21	0.73	0.165	1.00	19	2.44	D			
LSK	AC	HHE	70.1	202	51	S	6	0.00-30.31	13.30	0.00			0.00	0.000	1.00			0.20	.46	1.75	L
						S		53.26	22.95	23.27	0.00	-0.32	1.13S	0.387							
TIR	AC	HHZ	110.3	309	51	P		50.35	20.04	20.21	0.00	-0.17	1.14	0.350							
PHP	AC	HHZ	112.0	341	51	P		50.55	20.24	20.50	0.00	-0.26	1.14	0.292							
PHP	AC	HHN	112.0	341	51	S	6	60.00	29.69	20.50	0.00		0.00	0.000	1.00			0.10	.31	1.79	L
						S		66.07	35.76	35.88	0.00	-0.11	1.14S	0.385							
SRN	AC	HHZ	122.2	220	51	P		52.21	21.90	22.24	0.00	-0.34	1.13	0.182							
SRN	AC	HHN	122.2	220	51	S		69.65	39.34	38.92	0.00	0.42	0.99S	0.369							
IGT	AC	HHZ	142.5	201	51	P		56.72	26.41	25.73	0.00	0.68*	0.17	0.009							
IGT	AC	HHE	142.5	201	51	S		75.55	45.24	45.03	0.00	0.21	1.14S	0.418							
BCI	AC	HHZ	193.8	340	46	P		64.53	34.22	34.04	0.00	0.18	1.14	0.270							
BCI	AC	HHN	193.8	340	46	S	6	60.00	29.69	34.04	0.00		0.00	0.000	1.00			0.06	.63	2.10	L
						S		89.97	59.66	59.57	0.00	0.09	1.14S	0.448							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-08-17	0231	45.66	39	2.74	20E36.22	34.31	0.15	1.40	0.93	2.64	3.03	3.0

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
6	16	28.9	At1	165	8	0	9	4	11		3.00	0.22	L	2.00	0.06	D

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
LKD2	AC	HHZ		28.9	170	135	P		53.07	7.41	7.63	0.00	-0.22	1.00		0.354			
LKD2	AC	HHN		28.9	170	135	S		59.18	13.52	13.35	0.00	0.17	1.00S		0.635			
IGT	AC	HHZ		58.9	337	112	P		56.23	10.57	11.53	0.00	-0.46	0.00		0.000			
IGT	AC	HHE		58.9	337	112	S		65.95	20.29	20.18	0.00	0.11	1.00S		0.685			
SRN	AC	HHZ		106.2	331	97	P		64.11	18.45	18.64	0.00	-0.19	1.00		0.222	1.00	24	2.97 D
SRN	AC	HHE		106.2	331	97	S	6	60.00	14.34	18.64	0.00		0.00		0.000	1.00		0.11 .66 1.83 L
									78.93	33.27	32.62	0.00	0.65*	0.00S		0.000			
LSK	AC	HHZ		122.6	0	95	P		66.76	21.10	21.17	0.00	-0.07	1.00		0.157	1.00	27	3.08 D
LSK	AC	HHE		122.6	0	95	S	6	60.00	14.34	21.17	0.00		0.00		0.000	1.00		0.91 .86 2.86 L
									82.71	37.05	37.05	0.00	0.00	1.00S		0.400			
KBN	AC	HHZ		175.9	5	66	P		74.76	29.10	28.84	0.00	0.26	0.98		0.274			
KBN	AC	HHN		175.9	5	66	S	6	60.00	14.34	28.84	0.00		0.00		0.000	1.00		0.26 .77 2.64 L
									96.06	50.40	50.47	0.00	-0.07	1.00S		0.485			
SCTE	AC	HHZ		216.3	303	58	P		79.94	34.28	34.21	0.00	0.07	1.00		0.784			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	08	17	1226	44.18	40 26.78	19E32.90	25.00	0.58	1.00	3.85	3.38	3.34 3.4

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
23	31	5.1	Atl	99	19	0	20	7	22		8.00	0.26 L	5.00 0.24 D

REGION= 2 Km VL të Kaninës, Rajoni Vlorës (2 Km NE of Kanina, Vlora Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
VLO	AC	HHE		5.1	299	90	S	6	0.00	-44.18	2.38	0.00		0.00		0.000	1.00		414 .18 4.62 L
									51.25	7.07	4.16	0.00	0.20	0.00S		0.000			
VLO	AC	HHZ		5.1	299	90	P		48.34	4.16	2.38	0.00	0.28	0.33		0.023	1.00	36	2.97 D
FIER	SM	HNZ		30.1	3	90	P		51.10	6.92	6.37	0.00	0.15	1.18		0.160			
TPE	SM	HNZ		43.1	112	90	P		52.94	8.76	8.44	0.00	0.32	1.18		0.083			
BERA	SM	HNZ		44.4	49	90	P		53.04	8.86	8.66	0.00	0.20	1.18		0.095			
SRN	AC	HHN		73.7	148	90	S	6	60.00	15.82	13.33	0.00		0.00		0.000	1.00		3.0 .36 3.00 L
									67.81	23.63	23.33	0.00	0.30	1.18S		0.222			
SRN	AC	HHZ		73.7	148	90	P		57.12	12.94	13.33	0.00	-0.39	1.18		0.111	1.00	44	3.34 D
LSK	AC	HHN		95.2	109	90	S	6	60.00	15.82	16.75	0.00		0.00		0.000	1.00		4.1 .87 3.30 L
									73.58	29.40	29.31	0.00	0.09	1.18S		0.197			
LSK	AC	HHZ		95.2	109	90	P		59.80	15.62	16.75	0.00	-0.13	1.07		0.068	1.00	57	3.58 D
SCTE	AC	HHE		100.6	247	90	S	6	60.00	15.82	17.61	0.00		0.00		0.000	1.00		9.4 .51 3.70 L
									74.77	30.59	30.82	0.00	-0.23	1.18S		0.588			
SCTE	AC	HHZ		100.6	247	90	P		63.10	18.92	17.61	0.00	0.31	0.91		0.181			
TIR	AC	HHN		103.6	14	90	S	6	60.00	15.82	18.09	0.00		0.00		0.000	1.00		2.7 .57 3.19 L
									75.30	31.12	31.66	0.00	-0.54*	1.18S		0.261			
TIR	AC	HHZ		103.6	14	90	P		63.78	19.60	18.09	0.00	0.51*	0.66		0.044			
KBN	AC	HHN		106.8	78	90	S	6	60.00	15.82	18.60	0.00		0.00		0.000	1.00		3.6 .92 3.33 L

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T	
KBN	AC	HHZ	106.8	78	90	P		76.82	32.64	32.55	0.00	0.09	1.18S	0.198									
KBN	AC	HHZ	106.8	78	90	P		63.35	19.17	18.60	0.00	0.57*	1.18	0.081	1.00	39					3.27	D	
IGT	AC	HHE	121.5	146	90	S		80.88	36.70	36.66	0.00	0.04	1.18S	0.219									
IGT	AC	HHZ	121.5	146	90	P		65.42	21.24	20.95	0.00	0.29	1.18	0.109									
PHP	AC	HHN	156.7	28	90		6	60.00	15.82	26.55	0.00		0.00	0.000	1.00					2.1	.80	3.42	L
PHP	AC	HHZ	156.7	28	90	P		91.29	47.11	46.46	0.00	0.45	1.18S	0.230									
PHP	AC	HHZ	156.7	28	90	P		70.14	25.96	26.55	0.00	-0.59*	1.18	0.117	1.00	65					3.74	D	
NOCI	AC	HHZ	213.6	282	56	P		76.98	32.80	34.65	0.00	-0.85*	0.26	0.051									
BCI	AC	HHZ	217.6	11	56	P		78.92	34.74	35.18	0.00	-0.44	1.18	0.953									
BCI	AC	HHN	217.6	11	56		6	60.00	15.82	35.18	0.00		0.00	0.000	1.00					1.9	.56	3.75	L
SGRT	AC	HHZ	349.7	296	56	P		94.59	50.41	52.65	0.00	-2.24*	0.02	0.000									

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	08	17	2200	55.15	40 54.51	19E48.33	18.93	0.52	0.30	0.92	2.53	2.53	2.5

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
22	31	4.3	At1	156	9	0	17	8	18		4.00	0.43	L 7.00 0.14 D

REGION= Kosovë, Rajoni Lushnje (Kosovë, Lushnja Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T	
BUP	AC	HHZ	4.3	96	166	P		58.06	2.91	3.50	0.00	-0.59*	1.21	0.236									
BUP	AC	HHE	4.3	96	166	S		61.60	6.45	6.13	0.00	0.33	1.21S	0.671									
TIR	AC	HHN	49.0	5	105	S		71.95	16.80	16.35	0.00	0.45	1.21S	0.317									
TIR	AC	HHZ	49.0	5	105	P		63.89	8.74	9.34	0.00	-0.60*	1.21	0.187	1.00	20					2.57	D	
TIR	AC	HHE	49.0	5	105		6	60.00	4.85	9.34	0.00		0.00	0.000	1.00					0.36	.21	1.75	L
VLO	AC	HHE	55.4	209	102	S		73.93	18.78	18.17	0.00	0.62*	1.21S	0.454									
VLO	AC	HHZ	55.4	209	102	P		64.49	9.34	10.38	0.00	-0.04*	0.91	0.136	1.00	21					2.62	D	
VLO	AC	HHN	55.4	209	102		6	60.00	4.85	10.38	0.00		0.00	0.000	1.00					5.9	.34	3.04	L
KBN	AC	HHN	88.7	110	71	S		83.43	28.28	27.61	0.00	0.67*	1.20S	0.421									
KBN	AC	HHZ	88.7	110	71	P		69.46	14.31	15.78	0.00	-0.47*	0.23	0.005	1.00	26					2.83	D	
KBN	AC	HHE	88.7	110	71		6	60.00	4.85	15.78	0.00		0.00	0.000	1.00					0.36	.60	2.19	L
PHP	AC	HHN	101.3	31	71	S		86.29	31.14	31.11	0.00	0.03	1.21S	0.369									
PHP	AC	HHZ	101.3	31	71	P		71.35	16.20	17.78	0.00	-0.58*	0.12	0.001	1.00	30					2.97	D	
LSK	AC	HHN	107.8	141	71	S		87.72	32.57	32.92	0.00	-0.35	1.21S	0.247									
LSK	AC	HHZ	107.8	141	71	P		73.04	17.89	18.81	0.00	-0.92*	1.07	0.077	1.00	40					3.21	D	
SRN	AC	HHN	115.4	171	71	S		90.33	35.18	35.05	0.00	0.13	1.21S	0.199									
SRN	AC	HHZ	115.4	171	71	P		75.71	20.56	20.03	0.00	0.53*	1.21	0.118	1.00	35					3.11	D	
IGT	AC	HHN	159.3	163	71	S		102.17	47.02	47.30	0.00	-0.28	1.21S	0.185									
IGT	AC	HHZ	159.3	163	71	P		82.51	27.36	27.03	0.00	0.33	1.21	0.103									
BCI	AC	HHN	163.4	7	71	S		105.48	50.33	48.46	0.00	0.87*	0.00S	0.000									
BCI	AC	HHZ	163.4	7	71	P		82.98	27.83	27.69	0.00	0.14	1.21	0.265	1.00	33					3.10	D	
BCI	AC	HHE	163.4	7	71		6	60.00	4.85	27.69	0.00		0.00	0.000	1.00					0.54	.46	2.87	L

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-08-19 2338 19.19 40 24.04 19E38.01 22.36 0.17 0.84 9.20 1.36 2.44 1.4

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 10 15 13.9 At1 165 10 0 9 5 10 - 3.00 0.16 L 3.00 0.21 D  
 REGION= Kotë, 14 Km JL të Kotës, Rajoni Vlorës (14 Km SE of Kota, Vlora Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T		
VLO	AC	HHZ		13.9	303	90	P		22.43	3.24	3.79	0.00	-0.45	0.30	0.435	1.00	12	2.05	D		
VLO	AC	HHN		13.9	303	90		6	0.00-19.19	3.79	0.00		0.00	0.00	0.004	1.00		11	.23	3.03	L
							S		25.98	6.79	6.63	0.00	0.16	1.09S	0.820						
SRN	AC	HHZ		65.7	151	90	P		31.03	11.84	12.05	0.00	-0.21	1.09	0.373	1.00	16	2.44	D		
SRN	AC	HHN		65.7	151	90		6	0.00-19.19	12.05	0.00		0.00	0.00	0.000	1.00		0.06	.43	1.20	L
							S		40.37	21.18	21.09	0.00	0.09	1.09S	0.340						
LSK	AC	HHZ		86.7	108	90	P		34.36	15.17	15.39	0.00	-0.22	1.09	0.356	1.00	20	2.65	D		
LSK	AC	HHE		86.7	108	90	S		46.35	27.16	26.93	0.00	0.23	1.09S	0.492						
SCTE	AC	HHZ		105.4	251	90	P		37.39	18.20	18.38	0.00	-0.18	1.09	0.290						
SCTE	AC	HHN		105.4	251	90		6	0.00-19.19	18.38	0.00		0.00	0.00	0.000	1.00		0.04	.23	1.36	L
							S		51.45	32.26	32.16	0.00	0.10	1.09S	0.567						
IGT	AC	HHZ		113.4	148	90	P		40.06	20.87	19.65	0.00	1.22*	0.00	0.000						
IGT	AC	HHN		113.4	148	90	S		53.65	34.46	34.39	0.00	0.07	1.09S	0.317						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-08-19 2339 44.49 40 21.66 19E38.30 22.29 0.26 0.46 1.75 2.87 2.85 2.9

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 18 26 17.0 At1 104 9 0 15 8 17 7.00 0.11 L 3.00 0.20 D  
 REGION= Kotë, 18 Km JL të Kotës, Rajoni Vlorës (18 Km SE of Kota, Vlora Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T		
VLO	AC	HHZ		17.0	315	90	P		47.72	3.23	4.28	0.00	-0.25	0.14	0.002	1.00	24	2.65	D		
VLO	AC	HHE		17.0	315	90	S		52.02	7.53	7.49	0.00	0.04	1.20S	0.326						
VLO	AC	HHN		17.0	315	90		6	0.00-44.49	4.28	0.00		0.00	0.00	0.000	1.00		251	.18	4.40	L
SRN	AC	HHZ		61.7	149	90	P		55.49	11.00	11.41	0.00	-0.41	1.20	0.174	1.00	26	2.85	D		
SRN	AC	HHN		61.7	149	90		6	60.00	15.51	11.41	0.00		0.00	0.000	1.00		1.3	.34	2.46	L
							S		64.24	19.75	19.97	0.00	-0.22	1.20S	0.332						
LSK	AC	HHZ		85.0	105	90	P		58.57	14.08	15.12	0.00	-1.04*	0.15	0.002						
LSK	AC	HHE		85.0	105	90		6	60.00	15.51	15.12	0.00		0.00	0.000	1.00		1.7	.43	2.83	L
							S		71.18	26.69	26.46	0.00	0.23	1.20S	0.275						
KBN	AC	HHZ		101.7	72	90	P		60.83	16.34	17.79	0.00	-0.45	0.00	0.000						
KBN	AC	HHN		101.7	72	90		6	60.00	15.51	17.79	0.00		0.00	0.000	1.00		1.7	.50	2.95	L

STATION	AC	HHZ	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T		
SCTE	AC	HHZ	104.4	253	90	P	75.93	31.44	31.13	0.00	0.31	1.20S	0.262							
SCTE	AC	HHN	104.4	253	90		62.72	18.23	18.22	0.00	0.01	1.20	0.230							
SCTE	AC	HHN	104.4	253	90		60.00	15.51	18.22	0.00		0.00	0.000	1.00			1.3	.31	2.87	L
							S	76.49	32.00	31.88	0.00	0.12	1.20S	0.445						
IGT	AC	HHZ	109.4	147	90	P	63.69	19.20	19.02	0.00	0.18	1.20	0.172							
TIR	AC	HHZ	111.2	9	90	P	64.24	19.75	19.31	0.00	0.44	1.20	0.130	1.00	32	3.07	D			
TIR	AC	HHE	111.2	9	90		60.00	15.51	19.31	0.00		0.00	0.000	1.00			0.43	.34	2.43	L
							S	78.16	33.67	33.79	0.00	-0.12	1.20S	0.264						
PHP	AC	HHZ	161.7	24	90	P	71.79	27.30	27.36	0.00	-0.06	1.20	0.125							
PHP	AC	HHN	161.7	24	90		60.00	15.51	27.36	0.00		0.00	0.000	1.00			0.70	1.08	2.98	L
							S	91.89	47.40	47.88	0.00	-0.48	1.19S	0.254						
BCI	AC	HHZ	225.6	9	56	P	79.88	35.39	36.48	0.00	-1.09*	0.09	0.001							
BCI	AC	HHE	225.6	9	56	S	108.33	63.84	63.84	0.00	0.00	1.20S	0.998							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	08	20	0030	21.82	41 56.40	20E31.72	3.27	0.23	1.89	1.24	1.87	2.11	1.9

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
8	11	29.3	At1	209	9	0	7	3	8		2.00	0.10	L
REGION= Turaj, 18 Km JL të Kukësit, Rajoni Kukësit (Turaj, 18 Km SE of Kukësi, Kukësi Region, Albania)													

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T		
PHP	AC	HHZ		29.3	195	61	P	27.69	5.87	5.98	0.00	-0.11	1.08	0.647	1.00	10	1.82	D			
PHP	AC	HHN		29.3	195	61		0.00	-21.82	5.98	0.00		0.00	0.000	1.00			1.0	.10	1.97	L
							S	31.67	9.85	10.47	0.00	-0.41	0.54S	0.140							
BCI	AC	HHZ		60.8	322	51	P	33.56	11.74	11.58	0.00	0.16	1.08	0.611	1.00	18	2.39	D			
BCI	AC	HHN		60.8	322	51		0.00	-21.82	11.58	0.00		0.00	0.000	1.00			0.29	.34	1.77	L
							S	41.92	20.10	20.26	0.00	-0.17	1.08S	0.786							
TIR	AC	HHZ		85.9	221	51	P	39.31	17.49	15.89	0.00	0.60*	0.00	0.000							
TIR	AC	HHE		85.9	221	51	S	49.78	27.96	27.81	0.00	0.15	1.08S	0.839							
KBN	AC	HHZ		147.8	171	51	P	48.13	26.31	26.52	0.00	-0.21	1.08	0.523							
LSK	AC	HHZ		198.9	178	46	P	56.87	35.05	34.71	0.00	0.34	1.07	0.450							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	08	21	1622	12.99	40 5.54	19E51.59	26.03	0.21	0.69	1.64	2.88	3.02	2.9

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
17	25	52.0	At1	124	8	0	14	7	17		3.00	0.04	L
REGION= Borshi, 25Km VP të Sarandës, Rajoni Sarandës (Borshi, 25 Km NP of Saranda, Saranda Region, Albania)													

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
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SRN	AC	HHZ	26.5	152	129	P	18.09	5.10	6.47	0.00	-0.37	0.00	0.000	1.00	37	3.11	D					
SRN	AC	HHN	26.5	152	129	6	0.00	-12.99	6.47	0.00		0.00	0.000	1.00				5.7	.34	2.84	L	
						S	22.89	9.90	11.32	0.00	-0.42	0.00S	0.000									
VLO	AC	HHZ	52.0	324	108	P	22.47	9.48	10.06	0.00	-0.48	0.93	0.138	1.00	28	2.95	D					
VLO	AC	HHN	52.0	324	108	S	30.92	17.93	17.60	0.00	0.33	1.01S	0.428									
LSK	AC	HHZ	63.3	83	103	P	22.88	9.89	11.80	0.00	-0.41	0.00	0.000	1.00	30	3.02	D					
LSK	AC	HHN	63.3	83	103	6	0.00	-12.99	11.80	0.00		0.00	0.000	1.00				4.8	.50	3.08	L	
						S	33.34	20.35	20.65	0.00	-0.30	1.01S	0.354									
IGT	AC	HHN	74.1	146	100	S	36.98	23.99	23.61	0.00	0.38	1.01S	0.483									
IGT	AC	HHZ	74.1	146	100	P	26.51	13.52	13.49	0.00	0.03	1.01	0.261									
KBN	AC	HHZ	98.4	52	96	P	30.50	17.51	17.32	0.00	0.19	1.01	0.114									
KBN	AC	HHN	98.4	52	96	6	0.00	-12.99	17.32	0.00		0.00	0.000	1.00				1.5	.86	2.88	L	
						S	43.24	30.25	30.31	0.00	-0.06	1.01S	0.284									
SCTE	AC	HHZ	118.7	270	94	P	33.34	20.35	20.53	0.00	-0.18	1.01	0.229									
SCTE	AC	HHN	118.7	270	94	S	49.05	36.06	35.93	0.00	0.13	1.01S	0.429									
TIR	AC	HHZ	139.4	0	93	P	36.42	23.43	23.83	0.00	-0.40	1.01	0.096									
TIR	AC	HHE	139.4	0	93	S	55.07	42.08	41.70	0.00	0.38	1.01S	0.246									
PHP	AC	HHZ	183.5	15	62	P	43.47	30.48	30.47	0.00	0.01	1.01	0.203									
PHP	AC	HHN	183.5	15	62	S	66.69	53.70	53.32	0.00	0.38	1.01S	0.461									
BCI	AC	HHZ	253.2	3	56	P	52.35	39.36	39.79	0.00	-0.43	1.01	0.266									

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-08-22	1207	45.53	40	7.66	19E47.44	9.34	0.18	0.42	1.16	2.88	2.90	2.9

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
18	26	32.8	Atl	115	8	0	15	8	17		6.00	0.05	L	4.00	0.16	D
REGION= Himarë, Rajoni Sarandës (Himarë, Saranda Region, Albania)																

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
SRN	AC	HHZ		32.8	146	98	P		51.84	6.31	6.31	0.00	0.00	1.08		0.142	1.00	25	2.61	D		
SRN	AC	HHN		32.8	146	98	S		56.72	11.19	11.04	0.00	0.15	1.08S		0.280						
SRN	AC	HHE		32.8	146	98	6		0.00	-45.53	6.31	0.00		0.00		0.000	1.00		7.0	.40	2.85	L
VLO	AC	HHZ		45.4	327	95	P		53.67	8.14	8.46	0.00	-0.32	0.98		0.149	1.00	28	2.75	D		
VLO	AC	HHE		45.4	327	95	6		60.00	14.47	8.46	0.00		0.00		0.000	1.00		12	.25	3.21	L
							S		60.44	14.91	14.81	0.00	0.10	1.08S		0.344						
LSK	AC	HHZ		68.9	87	93	P		57.51	11.98	12.49	0.00	-0.41	0.30		0.010	1.00	40	3.07	D		
LSK	AC	HHE		68.9	87	93	6		60.00	14.47	12.49	0.00		0.00		0.000	1.00		3.2	.57	2.94	L
							S		67.67	22.14	21.86	0.00	0.28	1.04S		0.270						
IGT	AC	HHZ		80.7	144	92	P		59.81	14.28	14.51	0.00	-0.23	1.08		0.122						
IGT	AC	HHE		80.7	144	92	S		70.90	25.37	25.39	0.00	-0.02	1.08S		0.229						
KBN	AC	HHZ		101.0	56	92	P		63.54	18.01	18.00	0.00	0.01	1.08		0.156						
KBN	AC	HHN		101.0	56	92	6		60.00	14.47	18.00	0.00		0.00		0.000	1.00		1.4	.54	2.85	L
							S		76.85	31.32	31.50	0.00	-0.18	1.08S		0.358						

SCTE	AC	HHZ	112.9	268	91	P		65.56	20.03	20.04	0.00	-0.01	1.08	0.218						
SCTE	AC	HHE	112.9	268	91		6	60.00	14.47	20.04	0.00		0.00	0.000	1.00		1.3	.30	2.91	L
						S		80.74	35.21	35.07	0.00	0.14	1.08S	0.434						
TIR	AC	HHZ	135.6	2	68	P		70.10	24.57	23.81	0.00	0.46	0.00	0.000	1.00	36	3.04	D		
TIR	AC	HHE	135.6	2	68		6	60.00	14.47	23.81	0.00		0.00	0.000	1.00		0.54	.43	2.69	L
						S		87.58	42.05	41.67	0.00	0.38	0.79S	0.299						
LKD2	AC	HHZ	166.3	153	68	P		74.98	29.45	28.71	0.00	0.74*	0.00	0.000						
LKD2	AC	HHN	166.3	153	68	S		95.79	50.26	50.24	0.00	0.02	1.08S	0.579						
BCI	AC	HHZ	249.7	5	50	P		86.35	40.82	41.00	0.00	-0.18	1.08	0.402						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-08-22 1356 53.65 42 12.99 18E40.47 3.17 0.23 0.96 1.94 3.44 3.23 3.2

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 16 20 116.1 Atl 182 8 0 11 4 14 5.00 0.19 L 3.00 0.00 D

REGION= Deti Adriatik (Adriatic Sea)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
BCI	AC	HHZ	116.1	81	62	P		74.52	20.87	20.83	0.00	0.04	1.09			0.380	1.00	47	3.25	D		
BCI	AC	HHE	116.1	81	62	S		90.15	36.50	36.45	0.00	0.05	1.09S			0.548						
BCI	AC	HHN	116.1	81	62		6	60.00	6.35	20.83	0.00		0.00			0.000	1.00		4.2	.23	3.44	L
TIR	AC	HHZ	138.2	133	62	P		78.54	24.89	24.63	0.00	0.26	1.09			0.349	1.00	45	3.23	D		
TIR	AC	HHE	138.2	133	62		6	60.00	6.35	24.63	0.00		0.00			0.000	1.00		1.5	.18	3.14	L
						S		96.85	43.20	43.10	0.00	0.10	1.09S			0.465						
PHP	AC	HHZ	157.9	111	55	P		81.29	27.64	27.90	0.00	-0.26	1.09			0.167	1.00	44	3.23	D		
PHP	AC	HHN	157.9	111	55		6	60.00	6.35	27.90	0.00		0.00			0.000	1.00		3.4	.40	3.63	L
						S		102.05	48.40	48.83	0.00	-0.43	1.09S			0.261						
NOCI	AC	HHZ	207.9	221	55	P		89.12	35.47	35.86	0.00	-0.39	1.09			0.356						
SCTE	AC	HHZ	238.2	185	43	P		93.96	40.31	40.24	0.00	0.07	1.09			0.195						
SGRT	AC	HHZ	247.0	259	43	P		95.20	41.55	41.40	0.00	0.15	1.09			0.577						
KBN	AC	HHZ	250.0	134	43	P		95.71	42.06	41.81	0.00	0.25	1.09			0.093						
KBN	AC	HHN	250.0	134	43		6	120.00	66.35	41.81	0.00		0.00			0.000	1.00		0.79	.50	3.50	L
						S		126.94	73.29	73.17	0.00	0.12	1.09S			0.604						
LSK	AC	HHZ	280.6	144	43	P		98.17	44.52	45.86	0.00	-0.34	0.05			0.000						
SRN	AC	HHZ	282.4	156	43	P		97.58	43.93	46.09	0.00	-1.16*	0.00			0.000						
SRN	AC	HHE	282.4	156	43		6	120.00	66.35	46.09	0.00		0.00			0.000	1.00		0.17	.72	2.97	L
IGT	AC	HHZ	329.2	154	43	P		103.23	49.58	52.28	0.00	-0.70*	0.00			0.000						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-08-23 0222 19.36 40 47.69 21E16.19 2.10 0.13 1.52 1.34 2.01 2.46 2.5

SOURCE

NSTA NPBS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 8 12 45.0 At1 253 7 0 8 4 8 # 3.00 0.13 L 3.00 0.07 D  
 REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
KBN	AC	HHZ		45.0	246	51	P		28.19	8.83	8.98	0.00	-0.15	1.13		0.507	1.00	15	2.22 D
KBN	AC	HHN		45.0	246	51		6	0.00	-19.36	8.98	0.00		0.00		0.000	1.00		0.81 .18 2.01 L
							S		35.05	15.69	15.71	0.00	-0.02	1.13S		0.749			
LSK	AC	HHZ		91.5	219	51	P		36.13	16.77	16.97	0.00	-0.20	0.97		0.404	1.00	19	2.46 D
LSK	AC	HHN		91.5	219	51		6	0.00	-19.36	16.97	0.00		0.00		0.000	1.00		0.32 .30 2.14 L
							S		48.98	29.62	29.70	0.00	-0.08	1.13S		0.646			
PHP	AC	HHZ		120.8	326	51	P		41.50	22.14	22.01	0.00	0.13	1.13		0.498	1.00	20	2.53 D
PHP	AC	HHN		120.8	326	51		6	0.00	-19.36	22.01	0.00		0.00		0.000	1.00		0.08 .21 1.76 L
							S		57.80	38.44	38.52	0.00	-0.08	1.13S		0.838			
SRN	AC	HHN		148.2	228	51	S		66.25	46.89	46.74	0.00	0.15	1.13S		0.333			
SRN	AC	HHZ		148.2	228	51	P		46.37	27.01	26.71	0.00	0.30	0.25		0.021			

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YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-08-31 2220 52.07 41 17.22 20E23.76 2.31 0.24 0.66 2.04 4.15 3.87 4.2

SOURCE

NSTA NPBS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 18 25 44.3 At1 151 10 0 16 7 18 6.00 0.20 L 4.00 0.18 D  
 REGION= 15km VL të Librazhdit, Rajoni Librazhdit (15km NE of Librazhdi, Librazhdi Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
PHP	AC	HHN		44.3	4	62		6	60.00	7.93	8.57	0.00		0.00		0.000	1.00		124 .68 4.19 L
							S		67.06	14.99	15.00	0.00	-0.01	1.08S		0.432			
PHP	AC	HHZ		44.3	4	62	P		60.81	8.74	8.57	0.00	0.17	1.08		0.258	1.00	91	3.75 D
TIR	AC	HHN		45.0	279	62		6	60.00	7.93	8.68	0.00		0.00		0.000	1.00		32 .31 3.61 L
							S		67.12	15.05	15.19	0.00	-0.14	1.08S		0.472			
TIR	AC	HHZ		45.0	279	62	P		60.27	8.20	8.68	0.00	-0.48	0.95		0.168	1.00	121	3.99 D
KBN	AC	HHN		80.7	155	62		6	60.00	7.93	14.82	0.00		0.00		0.000	1.00		36 .66 4.10 L
							S		77.91	25.84	25.93	0.00	-0.10	1.08S		0.396			
KBN	AC	HHZ		80.7	155	62	P		66.28	14.21	14.82	0.00	-0.21	0.67		0.120			
FIER	AC	HHZ		94.2	229	62	P		69.66	17.59	17.14	0.00	0.45	0.99		0.172			
VLO	AC	HHE		118.4	221	62	S		89.20	37.13	37.27	0.00	-0.15	1.08S		0.279			
VLO	AC	HHZ		118.4	221	62	P		73.55	21.48	21.30	0.00	0.18	1.08		0.198			
BCI	AC	HHN		123.0	348	62		6	60.00	7.93	22.09	0.00		0.00		0.000	1.00		44 .86 4.51 L
							S		90.89	38.82	38.66	0.00	0.16	1.08S		0.367			
BCI	AC	HHZ		123.0	348	62	P		73.96	21.89	22.09	0.00	-0.20	1.08		0.218	1.00	74	3.64 D
LSK	AC	HHN		127.4	172	62		6	60.00	7.93	22.85	0.00		0.00		0.000	1.00		32 .81 4.40 L
							S		92.20	40.13	39.99	0.00	0.14	1.08S		0.265			



LSK	AC	HHZ	127.4	172	62	P	74.24	22.17	22.85	0.00	-0.48	0.49	0.052						
SRN	AC	HHN	159.8	193	55		60.00	7.93	28.29	0.00		0.00	0.000	1.00			7.91.08	4.01	L
						S	101.61	49.54	49.51	0.00	0.03	1.08S	0.353						
SRN	AC	HHZ	159.8	193	55	P	80.35	28.28	28.29	0.00	-0.01	1.08	0.124	1.00	135		4.18	D	
SCTE	AC	HHZ	211.2	232	55	P	88.78	36.71	36.48	0.00	0.23	1.08	0.121						
THE	AC	HHZ	228.1	107	43	P	88.26	36.19	39.02	0.00	-0.83*	0.00	0.000						
LKD2	AC	HHZ	278.3	175	43	P	95.67	43.60	45.66	0.00	-2.06*	0.00	0.000						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-08-31			2233 35.13	41 16.98	20E22.43	3.70	0.18	0.59	1.89	2.70	2.81	2.7

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
12	18	43.2	Atl	147	7	0	10	6	12		5.00	0.11	L	3.00	0.12	D

REGION= Lunik, 12km VL të Librazhdit, Rajoni Librazhdit ( Lunik, 12km NE of Librazhdi, Librazhdi Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
TIR	AC	HHZ		43.2	280	62	P		43.22	8.09	8.26	0.00	-0.17	1.11		0.425	1.00	30	2.81	D		
TIR	AC	HHN		43.2	280	62	S		49.73	14.60	14.45	0.00	0.14	1.11S		0.634						
PHP	AC	HHZ		45.0	7	62	P		43.63	8.50	8.56	0.00	-0.06	1.11		0.287	1.00	26	2.69	D		
PHP	AC	HHN		45.0	7	62		6	0.00-35.13	8.56	0.00			0.00		0.000	1.00		2.8	.21	2.56	L
							S		50.33	15.20	14.98	0.00	0.22	1.11S		0.533						
KBN	AC	HHZ		81.1	154	62	P		49.96	14.83	14.76	0.00	0.07	1.11		0.386						
KBN	AC	HHN		81.1	154	62		6	60.00	24.87	14.76	0.00		0.00		0.000	1.00		1.4	.81	2.70	L
							S		60.77	25.64	25.83	0.00	-0.19	1.11S		0.382						
BCI	AC	HHZ		123.0	349	62	P		57.20	22.07	21.97	0.00	0.10	1.11		0.258	1.00	32	2.93	D		
BCI	AC	HHN		123.0	349	62		6	60.00	24.87	21.97	0.00		0.00		0.000	1.00		0.87	.75	2.81	L
							S		73.26	38.13	38.45	0.00	-0.32	1.04S		0.359						
LSK	AC	HHZ		127.3	171	62	P		56.72	21.59	22.70	0.00	-0.41	0.00		0.000						
LSK	AC	HHE		127.3	171	62		6	60.00	24.87	22.70	0.00		0.00		0.000	1.00		0.64	.74	2.70	L
							S		75.11	39.98	39.72	0.00	0.26	1.10S		0.295						
SRN	AC	HHZ		159.0	192	55	P		63.83	28.70	28.00	0.00	0.70*	0.00		0.000						
SRN	AC	HHE		159.0	192	55		6	60.00	24.87	28.00	0.00		0.00		0.000	1.00		0.15	.57	2.28	L
							S		84.02	48.89	49.00	0.00	-0.11	1.11S		0.436						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-08-31			2250 35.81	41 16.82	20E22.56	0.93	0.17	0.58	1.27	2.60	2.92	2.6

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
13	19	43.4	Atl	148	9	0	10	6	12		6.00	0.11	L	5.00	0.04	D

REGION= Gështenj, 12km V-VL të Librazhdit, Rajoni Librazhdit (Gështenj, 12 km N-NE of Librazhdi, Librazhdi Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
TIR	AC	HHZ		43.4	281	51	P		44.61	8.80	8.60	0.00	0.20	1.10		0.424	1.00	24	2.62 D			
TIR	AC	HHN		43.4	281	51		6	0.00-35.81	8.60	0.00			0.00		0.000	1.00			2.5	.14	2.49 L
									S	50.68	14.87	15.05	0.00	-0.18	1.10S	0.647						
PHP	AC	HHZ		45.2	6	51	P		44.93	9.12	8.90	0.00	0.22	1.10		0.299	1.00	28	2.75 D			
PHP	AC	HHN		45.2	6	51		6	0.00-35.81	8.90	0.00			0.00		0.000	1.00			2.6	.25	2.52 L
									S	51.49	15.68	15.57	0.00	0.11	1.10S	0.509						
KBN	AC	HHZ		80.7	154	51	P		50.61	14.80	15.00	0.00	-0.20	1.10		0.383	1.00	33	2.92 D			
KBN	AC	HHN		80.7	154	51		6	60.00	24.19	15.00	0.00		0.00		0.000	1.00			1.4	.77	2.71 L
									S	61.91	26.10	26.25	0.00	-0.15	1.10S	0.396						
BCI	AC	HHZ		123.4	349	51	P		57.96	22.15	22.33	0.00	-0.18	1.10		0.270	1.00	33	2.96 D			
BCI	AC	HHE		123.4	349	51		6	60.00	24.19	22.33	0.00		0.00		0.000	1.00			0.65	.36	2.68 L
									S	74.81	39.00	39.08	0.00	-0.08	1.10S	0.394						
LSK	AC	HHZ		126.9	171	51	P		58.14	22.33	22.94	0.00	-0.41	0.00		0.000	1.00	32	2.94 D			
LSK	AC	HHE		126.9	171	51		S	76.16	40.35	40.14	0.00	0.21	1.10S	0.309							
LSK	AC	HHN		126.9	171	51		6	60.00	24.19	22.94	0.00		0.00		0.000	1.00			0.82	.68	2.81 L
SRN	AC	HHZ		158.7	192	46	P		64.98	29.17	28.31	0.00	0.86*	0.00		0.000						
SRN	AC	HHE		158.7	192	46		6	60.00	24.19	28.31	0.00		0.00		0.000	1.00			0.15	.50	2.28 L
									S	85.47	49.66	49.54	0.00	0.12	1.10S	0.366						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG		
2016	08	31	2314	53.12	41	16.55	20E22.55	2.00	0.27	0.82	1.66	2.66	2.90	2.7

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X
15	21	43.5	At1	148	8	0	12	6	14		6.00	0.13 L	6.00	0.14	D

REGION= Gështenj, 12km V-VL të Librazhdit, Rajoni Librazhdit (Gështenj, 12 km N-NE of Librazhdi, Librazhdi Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
TIR	AC	HHZ		43.5	281	51	P		61.45	8.33	8.46	0.00	-0.13	1.02		0.303	1.00	31	2.83 D			
TIR	AC	HHN		43.5	281	51		6	60.00	6.88	8.46	0.00		0.00		0.000	1.00			2.9	.14	2.55 L
									S	67.62	14.50	14.81	0.00	-0.31	1.02S	0.614						
PHP	AC	HHZ		45.7	6	51	P		62.01	8.89	8.84	0.00	0.05	1.02		0.269	1.00	29	2.78 D			
PHP	AC	HHN		45.7	6	51		6	60.00	6.88	8.84	0.00		0.00		0.000	1.00			3.9	.50	2.70 L
									S	68.52	15.40	15.47	0.00	-0.07	1.02S	0.464						
KBN	AC	HHZ		80.3	154	51	P		67.70	14.58	14.78	0.00	-0.20	1.02		0.281	1.00	27	2.75 D			
KBN	AC	HHN		80.3	154	51		6	60.00	6.88	14.78	0.00		0.00		0.000	1.00			2.0	.40	2.84 L
									S	78.72	25.60	25.86	0.00	-0.26	1.02S	0.384						
VLO	AC	HHZ		116.4	220	51	P		74.52	21.40	20.98	0.00	0.42	0.99		0.266						
BCI	AC	HHZ		123.8	349	51	P		75.67	22.55	22.26	0.00	0.29	1.02		0.231	1.00	33	2.96 D			
BCI	AC	HHN		123.8	349	51		S	92.16	39.04	38.96	0.00	0.08	1.02S	0.370							
BCI	AC	HHE		123.8	349	51		6	60.00	6.88	22.26	0.00		0.00		0.000	1.00			0.55	.31	2.61 L

LSK	AC	HHZ	126.5	171	51	P	75.27	22.15	22.71	0.00	-0.46	0.81	0.157	1.00	42	3.17	D				
LSK	AC	HHE	126.5	171	51	6	60.00	6.88	22.71	0.00		0.00	0.000	1.00				0.80	.72	2.80	L
						S	93.21	40.09	39.74	0.00	0.35	1.02S	0.295								
SRN	AC	HHZ	158.2	192	46	P	82.30	29.18	28.07	0.00	0.51*	0.00	0.000	1.00	36	3.06	D				
SRN	AC	HHN	158.2	192	46	6	60.00	6.88	28.07	0.00		0.00	0.000	1.00				0.22	.51	2.44	L
						S	102.42	49.30	49.12	0.00	0.18	1.02S	0.359								
LKD2	AC	HHZ	277.2	174	37	P	96.86	43.74	45.57	0.00	-0.83*	0.00	0.000								

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	08	31	2349	4.09	41 16.40	20E23.27	8.09	0.07	0.44	3.97	1.48	2.16	1.5

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X
9	13	44.6	At1	149	9	0	8	4	8	-	4.00	0.04 L	3.00	0.06	D

REGION= Gështenj, 11 km V-VL të Librazhdit, Rajoni Librazhdit (Gështenj, 11 km N-NE of Librazhdi, Librazhdi Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	-W-FMAG-T	AMP	-PER	-W-XMAG-T	
TIR	AC	HHZ		44.6	281	90	P		12.46	8.37	8.28	0.00	0.09	1.18		0.886	1.00	13	2.10	D			
TIR	AC	HHE		44.6	281	90	6		0.00	-4.09	8.28	0.00		0.00		0.104	1.00			0.23	.21	1.47	L
							S		18.55	14.46	14.49	0.00	-0.03	1.18S		0.962							
PHP	AC	HHZ		45.9	5	90	P		12.56	8.47	8.51	0.00	-0.04	1.18		0.336	1.00	14	2.16	D			
PHP	AC	HHN		45.9	5	90	6		0.00	-4.09	8.51	0.00		0.00		0.000	1.00			0.20	.18	1.42	L
							S		19.00	14.91	14.89	0.00	0.02	1.18S		0.683							
KBN	AC	HHZ		79.6	154	90	P		18.52	14.43	14.31	0.00	0.12	1.08		0.262	1.00	26	2.72	D			
KBN	AC	HHN		79.6	154	90	6		0.00	-4.09	14.31	0.00		0.00		0.000	1.00			0.13	.54	1.65	L
							S		29.11	25.02	25.04	0.00	-0.02	1.18S		0.577							
BCI	AC	HHE		124.3	348	90	S		42.79	38.70	38.48	0.00	0.22	0.11S		0.004							
BCI	AC	HHN		124.3	348	90	6		0.00	-4.09	21.99	0.00		0.00		0.000	1.00			0.04	.30	1.48	L
LSK	AC	HHZ		126.0	171	90	P		26.23	22.14	22.28	0.00	-0.14	0.93		0.181							

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

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	08	03	0443	33.22	38 59.03	20E23.35	42.66	0.41	6.39	2.72	3.05	3.59	3.6

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
9	12	31.8	At1	224	12	0	7	3	9		1.00	0.00	L	2.00	0.11	D

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T		
LKD2	AC	HHN		31.8	132	136	S		48.46	15.24	15.50	0.00	-0.26	1.14S		0.793					
LKD2	AC	HHZ		31.8	132	136	P		42.56	9.34	8.86	0.00	0.48	1.14		0.433					
IGT	AC	HHE		61.0	356	110	S		54.87	21.65	21.56	0.00	0.09	1.14S		0.689					
IGT	AC	HHZ		61.0	356	110	P		45.53	12.31	12.32	0.00	-0.01	1.14		0.474					
LSK	AC	HHN	130.7		7	92		6	60.00	26.78	22.08	0.00		0.00		0.000	1.00		1.21.00	3.05	L
							S		72.13	38.91	38.64	0.00	0.27	1.14S		0.761					
LSK	AC	HHZ	130.7		7	92	P		54.50	21.28	22.08	0.00	-0.80*	1.14		0.221	1.00	38	3.48	D	
VLO	AC	HHZ	181.8		336	68	P		125.58	92.36	29.05	0.00	63.31*	0.00		0.000					
KBN	AC	HHZ	185.2		10	68	P		62.92	29.70	29.50	0.00	0.20	1.14		0.625	1.00	46	3.69	D	
FNA	AC	HHN	217.0		22	68	P		50.24	17.02	33.70	0.00	-16.68*	0.02		0.000					

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	08	04	2135	12.05	39 21.36	20E20.81	23.18	0.19	0.83	1.18	2.94	3.06	3.0

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
17	25	65.3	At1	174	12	0	14	7	16		5.00	0.32	L	4.00	0.10	D

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
IGT	AC	HHZ		19.5	356	90	P		17.75	5.70	4.68	0.00	1.02*	0.00		0.000						
IGT	AC	HHN		19.5	356	90	S		21.86	9.81	8.19	0.00	0.62*	0.00S		0.000						
SRN	AC	HHZ		65.3	334	90	P		23.50	11.45	11.99	0.00	-0.54*	0.75		0.097	1.00	30	2.98	D		
SRN	AC	HHE		65.3	334	90	S		32.92	20.87	20.98	0.00	-0.11	1.08S		0.331						
SRN	AC	HHN		65.3	334	90		6	0.00	-12.05	11.99	0.00		0.00		0.000	1.00		1.2	.23	2.49	L
LKD2	AC	HHZ		68.5	156	90	P		24.46	12.41	12.49	0.00	-0.08	1.08		0.345						
LKD2	AC	HHN		68.5	156	90	S		33.87	21.82	21.86	0.00	-0.04	1.08S		0.581						
LSK	AC	HHZ		90.7	13	90	P		28.29	16.24	16.04	0.00	0.20	1.08		0.134	1.00	28	2.95	D		
LSK	AC	HHN		90.7	13	90		6	0.00	-12.05	16.04	0.00		0.00		0.000	1.00		4.0	.51	3.26	L
							S		40.06	28.01	28.07	0.00	-0.06	1.08S		0.312						
VLO	AC	HHZ		143.4	330	90	P		37.16	25.11	24.44	0.00	0.47	0.37		0.026	1.00	33	3.13	D		
VLO	AC	HHN		143.4	330	90		6	0.00	-12.05	24.44	0.00		0.00		0.000	1.00		1.9	.18	3.29	L
							S		55.03	42.98	42.77	0.00	0.21	1.08S		0.389						
KBN	AC	HHZ		145.7	14	90	P		36.87	24.82	24.80	0.00	0.02	1.08		0.137						
KBN	AC	HHN		145.7	14	90		6	0.00	-12.05	24.80	0.00		0.00		0.000	1.00		0.64	.41	2.84	L
							S		55.27	43.22	43.40	0.00	-0.18	1.08S		0.323						
FNA	AC	HHN		181.3	28	62	P		42.77	30.72	30.37	0.00	0.35	1.06		0.139						
FNA	AC	HHE		181.3	28	62	S		65.16	53.11	53.15	0.00	-0.04	1.08S		0.447						

TIR	AC	HHZ	224.9	350	56	P	48.30	36.25	36.30	0.00	-0.05	1.07	0.205	1.00	39	3.35	D				
TIR	AC	HHN	224.9	350	56	6	60.00	47.95	36.30	0.00		0.00	0.000	1.00			0.28	.37	2.94	L	
						S	75.47	63.42	63.52	0.00	-0.10	1.07S	0.528								

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	08	15	1316	20.84	39 44.42	21E36.15	13.50	0.23	0.58	1.74	2.98	3.0

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
17	24	97.1	At1	169	12	0	13	7	15		2.00	0.01	L			D

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
LSK	AC	HHZ		97.1	299	78	P		37.19	16.35	17.29	0.00	-0.94*	0.21		0.011						
LSK	AC	HHN		97.1	299	78	S		51.29	30.45	30.26	0.00	0.19	1.30S		0.416						
LSK	AC	HHE		97.1	299	78	6		0.00	-20.84	17.29	0.00		0.00		0.000	1.00		2.0	.63	2.99	L
IGT	AC	HHZ		111.7	259	68	P		40.36	19.52	19.73	0.00	-0.21	1.30		0.217						
IGT	AC	HHN		111.7	259	68	S		55.24	34.40	34.53	0.00	-0.13	1.30S		0.236						
KBN	AC	HHZ		120.2	325	68	P		41.54	20.70	21.08	0.00	-0.38	1.30		0.224						
KBN	AC	HHE		120.2	325	68	S		57.76	36.92	36.89	0.00	0.03	1.30S		0.293						
LKD2	AC	HHZ		133.4	218	68	P		44.94	24.10	23.20	0.00	0.90*	0.31		0.021						
LKD2	AC	HHE		133.4	218	68	S		61.47	40.63	40.60	0.00	0.03	1.30S		0.608						
SRN	AC	HHZ		138.1	277	68	P		45.85	25.01	23.94	0.00	1.07*	0.05		0.000						
SRN	AC	HHN		138.1	277	68	S		63.15	42.31	41.89	0.00	0.42	1.30S		0.204						
SRN	AC	HHE		138.1	277	68	6		60.00	39.16	23.94	0.00		0.00		0.000	1.00		1.0	.36	2.97	L
THE	AC	HHZ		152.4	49	68	P		47.19	26.35	26.22	0.00	0.13	1.30		0.409						
THE	AC	HHE		152.4	49	68	S		66.88	46.04	45.88	0.00	0.15	1.30S		0.545						
PHP	AC	HHZ		237.2	336	50	P		58.71	37.87	38.89	0.00	-1.02*	0.09		0.000						
PHP	AC	HHN		237.2	336	50	S		88.74	67.90	68.06	0.00	-0.16	1.30S		0.699						
SCTE	AC	HHZ		270.6	279	50	P		64.07	43.23	43.31	0.00	-0.08	1.30		0.110						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	08	17	1232	38.25	39 56.88	20E39.91	6.98	0.07	0.48	1.14	2.54	2.5

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
15	22	23.1	At1	174	8	0	11	7	14		3.00	0.23	L			D

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
LSK	AC	HHZ		23.1	346	94	P		43.03	4.78	4.61	0.00	0.17	1.00		0.180						
LSK	AC	HHN		23.1	346	94	6		0.00	-38.25	4.61	0.00		0.00		0.000	1.00		16	.21	3.11	L
							S		46.28	8.03	8.07	0.00	-0.04	1.00S		0.369						

IGT	AC	HHZ	54.4	212	91	P	48.24	9.99	9.99	0.00	0.00	1.00	0.191						
IGT	AC	HHE	54.4	212	91	S	55.77	17.52	17.48	0.00	0.04	1.00S	0.302						
SRN	AC	HHZ	57.3	263	91	P	49.62	11.37	10.49	0.00	0.88*	0.00	0.000						
SRN	AC	HHN	57.3	263	91	S	56.53	18.28	18.36	0.00	-0.08	1.00S	0.554						
SRN	AC	HHE	57.3	263	91		6	0.00	-38.25	10.49	0.00	0.00	0.000	1.00			1.1	.21	2.31 L
KBN	AC	HHZ	75.7	7	90	P	51.89	13.64	13.67	0.00	-0.03	1.00	0.210						
KBN	AC	HHE	75.7	7	90		6	60.00	21.75	13.67	0.00	0.00	0.000	1.00			1.1	.30	2.54 L
						S		62.13	23.88	23.92	0.00	-0.04	1.00S	0.312					
LKD2	AC	HHZ	128.7	181	90	P	61.59	23.34	22.74	0.00	0.60*	0.00	0.000						
LKD2	AC	HHE	128.7	181	90	S	78.01	39.76	39.79	0.00	-0.04	1.00S	0.580						
SCTE	AC	HHZ	188.1	276	68	P	70.49	32.24	32.34	0.00	-0.10	1.00	0.176						
SCTE	AC	HHE	188.1	276	68	S	94.93	56.68	56.60	0.00	0.08	1.00S	0.543						
PHP	AC	HHZ	193.8	355	68	P	70.79	32.54	33.24	0.00	-0.70*	0.00	0.000						
PHP	AC	HHN	193.8	355	68	S	96.40	58.15	58.17	0.00	-0.02	1.00S	0.578						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2016-08-24 0136 35.12 42 43.54 13E35.90 13.23 0.57 0.93 0.32 6.25 6.2

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
20 30 208.8 At1 327 12 0 17 8 20 - 0.00 0.00 L 7.00 0.12 D

REGION= Itali (Italy)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
SGRT	AC	HHZ	208.8	120	58	P		69.17	34.05	33.14	0.00	0.91*	1.14	0.132					
SGRT	AC	HHE	208.8	120	58	S		95.16	60.04	57.99	0.00	0.04*	0.00S	0.000					
NOCI	AC	HHZ	359.8	125	58	P		88.71	53.59	53.11	0.00	0.48	1.21	0.203					
NOCI	AC	HHN	359.8	125	58	S		128.66	93.54	92.94	0.00	0.60*	1.21S	0.426					
SCTE	AC	HHZ	502.6	124	58	P		106.48	71.36	72.00	0.00	-0.64*	1.21	0.181					
SCTE	AC	HHE	502.6	124	58	S		161.29	126.17	126.00	0.00	0.17	1.21S	0.341					
BCI	AC	HHZ	533.4	92	58	P		111.44	76.32	76.07	0.00	0.25	1.21	0.539	1.00	626	6.13	D	
BCI	AC	HHN	533.4	92	58	S		170.07	134.95	133.12	0.00	1.83*	0.05S	0.003					
TIR	AC	HHZ	541.5	104	58	P		111.81	76.69	77.15	0.00	-0.46	1.21	0.147	1.00	582	6.08	D	
TIR	AC	HHE	541.5	104	58	S		170.68	135.56	135.01	0.00	0.55*	1.21S	0.239					
VLO	AC	HHZ	552.3	115	58	P		113.33	78.21	78.57	0.00	-0.36	1.21	0.166	1.00	620	6.14	D	
VLO	AC	HHE	552.3	115	58	S		172.97	137.85	137.50	0.00	0.35	1.21S	0.211					
PHP	AC	HHZ	577.4	99	58	P		117.64	82.52	81.90	0.00	0.62*	1.21	0.171	1.00	688	6.25	D	
PHP	AC	HHN	577.4	99	58	S		178.30	143.18	143.32	0.00	-0.14	1.21S	0.420					
SRN	AC	HHZ	622.9	118	58	P		121.20	86.08	87.92	0.00	-1.84*	0.05	0.000	1.00	701	6.31	D	
SRN	AC	HHN	622.9	118	58	S		187.94	152.82	153.86	0.00	-1.04*	1.02S	0.134					
KBN	AC	HHZ	643.3	108	58	P		125.77	90.65	90.61	0.00	0.04	1.21	0.164	1.00	731	6.37	D	
KBN	AC	HHE	643.3	108	58	S		193.52	158.40	158.57	0.00	-0.17	1.21S	0.237					
LSK	AC	HHZ	651.9	113	58	P		126.02	90.90	91.76	0.00	-0.86*	1.17	0.160	1.00	743	6.39	D	
LSK	AC	HHE	651.9	113	58	S		194.54	159.42	160.58	0.00	-1.16*	0.87S	0.118					

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-08-24 0155 56.83 42 53.72 13E24.24 6.61 0.86 0.48 0.01 4.69 4.7

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 15 20 232.2 At1 327 11 0 13 4 15 - 0.00 0.00 L 1.00 0.00 D  
 REGION= Itali (Italy)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
SGRT	AC	HHZ		232.2	122	50	P		100.60	43.77	38.98	0.00	0.79*	0.00	0.000				
SGRT	AC	HHN		232.2	122	50	S		124.53	67.70	68.21	0.00	-0.51*	1.00S	0.425				
NOCI	AC	HHZ		383.7	126	50	P		116.81	59.98	59.02	0.00	0.96*	1.00	0.305				
NOCI	AC	HHN		383.7	126	50	S		161.16	104.33	103.29	0.00	1.04*	1.00S	0.543				
SCTE	AC	HHZ		526.4	124	50	P		134.81	77.98	77.90	0.00	0.08	1.00	0.204				
SCTE	AC	HHE		526.4	124	50	S		209.13	152.30	136.32	0.00	0.97*	0.00S	0.000				
BCI	AC	HHZ		550.3	93	50	P		139.83	83.00	81.06	0.00	1.94*	0.96	0.371	1.00	160	4.69	D
BCI	AC	HHN		550.3	93	50	S		198.79	141.96	141.85	0.00	0.10	1.00S	0.665				
TIR	AC	HHZ		561.8	105	50	P		138.80	81.97	82.57	0.00	-0.60*	1.00	0.168				
VLO	AC	HHZ		574.8	115	50	P		140.64	83.81	84.30	0.00	-0.49	1.00	0.156				
PHP	AC	HHZ		596.4	100	50	P		144.42	87.59	87.15	0.00	0.44	1.00	0.155				
PHP	AC	HHN		596.4	100	50	S		208.85	152.02	152.51	0.00	-0.49	1.00S	0.524				
SRN	AC	HHZ		646.0	119	50	P		150.46	93.63	93.71	0.00	-0.08	1.00	0.131				
KBN	AC	HHZ		664.6	109	50	P		152.30	95.47	96.18	0.00	-0.71*	1.00	0.183				
LSK	AC	HHZ		674.2	114	50	P		152.78	95.95	97.45	0.00	-1.50*	1.00	0.164				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-08-24 0233 24.10 43 1.14 13E 6.57 18.36 0.43 0.33 0.92 5.76 5.8

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 20 30 259.9 At1 329 11 0 18 8 20 - 0.00 0.00 L 7.00 0.23 D  
 REGION= Itali (Italy)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
SGRT	AC	HHZ		259.9	121	51	P		67.61	43.51	41.38	0.00	0.13*	1.18	0.122				
SGRT	AC	HHE		259.9	121	51	S		95.75	71.65	72.41	0.00	-0.76*	1.18S	0.251				
NOCI	AC	HHZ		411.3	125	51	P		85.97	61.87	61.41	0.00	0.46	1.18	0.239				
NOCI	AC	HHN		411.3	125	51	S		130.42	106.32	107.47	0.00	-1.15*	1.18S	0.413				
SCTE	AC	HHZ		554.1	124	51	P		104.14	80.04	80.29	0.00	-0.25	1.18	0.194				
SCTE	AC	HHE		554.1	124	51	S		167.89	143.79	140.51	0.00	0.28*	0.87S	0.177				
BCI	AC	HHZ		575.4	94	51	P		108.61	84.51	83.12	0.00	1.39*	1.18	0.326	1.00	168	4.86	D
BCI	AC	HHN		575.4	94	51	S		170.78	146.68	145.46	0.00	1.22*	1.18S	0.658				

TIR	AC	HHZ	588.7	106	51	P	108.45	84.35	84.88	0.00	-0.53*	1.18	0.156	1.00	330	5.44	D
TIR	AC	HHN	588.7	106	51	S	168.18144	0.8148	54	0.00	-0.46*	0.28S	0.030				
VLO	AC	HHZ	602.5	115	51	P	110.58	86.48	86.70	0.00	-0.22	1.18	0.132	1.00	530	5.85	D
VLO	AC	HHE	602.5	115	51	S	181.79157	6.9151	72	0.00	0.96*	0.00S	0.000				
PHP	AC	HHZ	622.7	101	51	P	114.21	90.11	89.37	0.00	0.74*	1.18	0.144	1.00	338	5.49	D
PHP	AC	HHN	622.7	101	51	S	178.24154	1.4156	40	0.00	-0.26*	1.17S	0.402				
SRN	AC	HHZ	673.8	118	51	P	118.08	93.98	96.13	0.00	-0.15*	1.18	0.113	1.00	575	5.99	D
SRN	AC	HHE	673.8	118	51	S	194.00169	9.0168	23	0.00	1.67*	1.18S	0.330				
KBN	AC	HHZ	692.0	110	51	P	121.98	97.88	98.54	0.00	-0.66*	1.18	0.160	1.00	429	5.76	D
KBN	AC	HHN	692.0	110	51	S	190.88166	7.8172	45	0.00	-0.67*	0.01S	0.000				
LSK	AC	HHZ	701.9	114	51	P	122.90	98.80	99.85	0.00	-1.05*	1.18	0.139	1.00	469	5.85	D
LSK	AC	HHE	701.9	114	51	S	193.88169	7.8174	74	0.00	-4.96*	0.11S	0.004				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	08	24	0406	52.13	42 46.07	13E33.84	14.42	0.89	0.69	0.85	5.10	5.1

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
20	30	213.6	Atl	327	8	0	18	8	20	-	0.00	0.00 L	8.00 0.19 D

REGION= Itali (Italy)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
SGRT	AC	HHZ	213.6	121	51	P		90.19	38.06	35.67	0.00	0.39*	0.46	0.024					
SGRT	AC	HHE	213.6	121	51	S		117.92	65.79	62.42	0.00	0.37*	0.00S	0.000					
NOCI	AC	HHZ	364.8	125	51	P		108.65	56.52	55.66	0.00	0.86*	1.10	0.230	1.00	197	4.74	D	
NOCI	AC	HHN	364.8	125	51	S		150.13	98.00	97.40	0.00	0.59*	1.10S	0.587					
SCTE	AC	HHZ	507.5	124	51	P		126.85	74.72	74.55	0.00	0.17	1.10	0.198					
SCTE	AC	HHN	507.5	124	51	S		175.91123	7.8130	46	0.00	-0.68*	0.00S	0.000					
BCI	AC	HHZ	536.4	92	51	P		131.23	79.10	78.36	0.00	0.74*	1.10	0.290	1.00	160	4.73	D	
BCI	AC	HHN	536.4	92	51	S		190.70138	5.7137	13	0.00	1.44*	1.06S	0.619					
TIR	AC	HHZ	545.4	104	51	P		131.02	78.89	79.55	0.00	-0.66*	1.10	0.150	1.00	274	5.19	D	
TIR	AC	HHN	545.4	104	51	S		189.82137	6.9139	21	0.00	-1.52*	1.03S	0.189					
VLO	AC	HHZ	556.8	115	51	P		133.23	81.10	81.07	0.00	0.03	1.10	0.129	1.00	303	5.29	D	
VLO	AC	HHE	556.8	115	51	S		195.55143	4.2141	87	0.00	1.55*	1.02S	0.163					
PHP	AC	HHZ	580.9	99	51	P		136.50	84.37	84.26	0.00	0.11	1.10	0.155	1.00	207	4.99	D	
PHP	AC	HHN	580.9	99	51	S		199.72147	5.9147	45	0.00	0.14	1.10S	0.234					
SRN	AC	HHZ	627.6	118	51	P		141.61	89.48	90.43	0.00	-0.95*	1.10	0.125	1.00	365	5.51	D	
SRN	AC	HHN	627.6	118	51	S		210.83158	7.0158	25	0.00	0.45	1.10S	0.198					
KBN	AC	HHZ	647.5	109	51	P		144.74	92.61	93.06	0.00	-0.45	1.10	0.149	1.00	297	5.36	D	
KBN	AC	HHN	647.5	109	51	S		213.65161	5.2162	85	0.00	-1.34*	1.09S	0.214					
LSK	AC	HHZ	656.4	113	51	P		145.91	93.78	94.24	0.00	-0.46	1.10	0.137	1.00	251	5.23	D	
LSK	AC	HHE	656.4	113	51	S		216.05163	9.2164	92	0.00	-1.00*	1.10S	0.201					



YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-08-24 1150 32.01 42 46.41 13E33.31 13.30 0.66 0.50 0.06 4.81 4.8

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 20 30 365.7 At1 327 9 0 17 8 20 - 0.00 0.00 L 5.00 0.06 D

REGION= Itali (Italy)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
SGRT	AC	HHZ		214.6	121	56	P		68.76	36.75	34.39	0.00	0.36*	0.00		0.000			
SGRT	AC	HHN		214.6	121	56	S		95.01	63.00	60.18	0.00	0.82*	0.00S		0.000			
NOCI	AC	HHZ		365.7	125	56	P		87.56	55.55	54.38	0.00	0.17*	0.95		0.171			
NOCI	AC	HHN		365.7	125	56	S		127.90	95.89	95.16	0.00	0.73*	1.09S		0.434			
SCTE	AC	HHZ		508.5	124	56	P		106.40	74.39	73.27	0.00	1.12*	0.99		0.162			
SCTE	AC	HHE		508.5	124	56	S		159.98	127.97	128.22	0.00	-0.25	1.09S		0.344			
BCI	AC	HHZ		537.1	92	56	P		109.75	77.74	77.06	0.00	0.68*	1.09		0.532	1.00	164	4.93 D
BCI	AC	HHE		537.1	92	56	S		169.33	137.32	134.85	0.00	0.47*	0.00S		0.000			
TIR	AC	HHZ		546.2	104	56	P		109.68	77.67	78.26	0.00	-0.59*	1.09		0.145	1.00	175	4.99 D
TIR	AC	HHE		546.2	104	56	S		168.74	136.73	136.95	0.00	-0.22	1.09S		0.244			
VLO	AC	HHZ		557.7	115	56	P		111.67	79.66	79.78	0.00	-0.12	1.09		0.162			
VLO	AC	HHN		557.7	115	56	S		170.29	138.28	139.61	0.00	-1.33*	0.82S		0.111			
PHP	AC	HHZ		581.8	99	56	P		115.18	83.17	82.96	0.00	0.21	1.09		0.173	1.00	158	4.94 D
PHP	AC	HHN		581.8	99	56	S		177.56	145.55	145.18	0.00	0.37	1.09S		0.428			
SRN	AC	HHZ		628.6	118	56	P		120.26	88.25	89.15	0.00	-0.90*	1.08		0.152			
SRN	AC	HHN		628.6	118	56	S		187.47	155.46	156.01	0.00	-0.55*	1.09S		0.173			
KBN	AC	HHZ		648.4	109	56	P		123.33	91.32	91.77	0.00	-0.45	1.09		0.162	1.00	225	5.30 D
KBN	AC	HHE		648.4	109	56	S		193.08	161.07	160.60	0.00	0.47	1.09S		0.232			
LSK	AC	HHZ		657.3	114	56	P		124.09	92.08	92.96	0.00	-0.88*	1.08		0.162	1.00	187	5.16 D
LSK	AC	HHE		657.3	114	56	S		194.93	162.92	162.68	0.00	0.24	1.09S		0.205			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-08-26 0428 24.28 42 38.59 13E28.83 10.17 0.36 7.43 5.65 4.84 4.8

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 16 22 212.9 At1 328 13 0 13 6 15 - 6.00 0.28 L 0.00 0.00 D

REGION= Itali (Italy)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
SGRT	AC	HHZ		212.9	116	51	P		61.01	36.73	35.29	0.00	0.44	0.01		0.000			
SGRT	AC	HHN		212.9	116	51		6	60.00	35.72	35.29	0.00		0.00		0.000	1.00		28 .74 4.87 L
							S		85.71	61.43	61.76	0.00	-0.33	1.25S		0.325			
NOCI	AC	HHZ		362.5	123	51	P		80.68	56.40	55.08	0.00	0.32	0.06		0.000			
NOCI	AC	HHN		362.5	123	51	S		121.57	97.29	96.39	0.00	0.90*	0.77S		0.237			



						S		182.40146.41146.11	0.00	0.30	1.11S	0.325							
SRN	AC	HHZ	633.2	117	58	P		124.72 88.73 89.16	0.00	-0.43	1.11	0.160							
SRN	AC	HHE	633.2	117	58		6	180.00144.01 89.16	0.00		0.00	0.000	1.00			0.45	.63	4.29	L
KBN	AC	HHZ	655.0	108	58	P		127.09 91.10 92.05	0.00	-0.95*	0.65	0.064							
LSK	AC	HHZ	663.0	112	58	P		128.49 92.50 93.10	0.00	-0.60*	1.08	0.165							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-08-29	0246	12.26	39 12.21	22E21.67	2.93	0.29	1.36	2.46	3.87			3.9

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
15	21	154.6	At1	237	7	0	12	6	14		5.00	0.16	L
REGION= Greqi (Greece)													

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
LKD2	AC	HHZ	154.6	254	55	P			39.92	27.66	27.39	0.00	0.27	1.08		0.384			
LKD2	AC	HHN	154.6	254	55	S			59.98	47.72	47.93	0.00	-0.21	1.08S		0.684			
THE	AC	HHZ	166.7	17	55	P			42.99	30.73	29.32	0.00	0.41	0.00		0.000			
THE	AC	HHE	166.7	17	55	S			63.66	51.40	51.31	0.00	0.09	1.08S		0.703			
LSK	AC	HHZ	184.1	306	55	P			43.88	31.62	32.10	0.00	-0.48	1.06		0.232			
LSK	AC	HHN	184.1	306	55		6		60.00	47.74	32.10	0.00		0.00		0.000	1.00		5.8 .62 4.03 L
						S			68.80	56.54	56.17	0.00	0.37	1.08S		0.309			
KBN	AC	HHZ	207.3	321	55	P			47.70	35.44	35.80	0.00	-0.36	1.08		0.268			
KBN	AC	HHN	207.3	321	55		6		60.00	47.74	35.80	0.00		0.00		0.000	1.00		3.0 .68 3.87 L
						S			74.90	62.64	62.65	0.00	-0.01	1.08S		0.325			
SRN	AC	HHZ	216.4	292	55	P			50.04	37.78	37.25	0.00	0.33	1.04		0.203			
SRN	AC	HHE	216.4	292	55		6		60.00	47.74	37.25	0.00		0.00		0.000	1.00		1.3 .75 3.56 L
						S			77.35	65.09	65.19	0.00	-0.10	1.08S		0.287			
TIR	AC	HHZ	319.0	320	43	P			63.32	51.06	50.97	0.00	0.09	1.08		0.153			
PHP	AC	HHZ	320.1	331	43	P			62.05	49.79	51.11	0.00	-1.32*	0.00		0.000			
PHP	AC	HHN	320.1	331	43		6		120.00107.74	51.11	0.00			0.00		0.000	1.00		0.681.05 3.71 L
BCI	AC	HHZ	401.1	332	43	P			73.10	60.84	61.83	0.00	-0.99*	0.21		0.006			
BCI	AC	HHE	401.1	332	43		6		120.00107.74	61.83	0.00			0.00		0.000	1.00		0.621.46 3.92 L
						S			120.38108.12108.20	0.00	-0.08	1.08S		0.439					

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-08-29	0830	31.05	38 52.91	22E 4.54	2.05	1.07	7.22	8.97	3.86			3.9

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
18	25	123.5	At1	289	12	0	15	6	16		4.00	0.13	L
REGION= Greqi (Greece)													

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
LKD2	AC	HHZ		123.5	266	62	P		53.39	22.34	22.21	0.00	0.13	1.12		0.324			
LKD2	AC	HHN		123.5	266	62	S		68.95	37.90	38.87	0.00	-0.97*	1.12S		0.647			
LSK	AC	HHZ		189.6	319	55	P		63.04	31.99	33.07	0.00	-1.08*	1.12		0.262			
LSK	AC	HHE		189.6	319	55	S		88.58	57.53	57.87	0.00	-0.34	1.12S		0.458			
LSK	AC	HHN		189.6	319	55		6	60.00	28.95	33.07	0.00		0.00		0.000	1.00	4.8 .81	3.98 L
SRN	AC	HHZ		210.4	303	55	P		68.12	37.07	36.38	0.00	0.69*	1.12		0.191			
SRN	AC	HHN		210.4	303	55	S		95.81	64.76	63.67	0.00	1.09*	1.12S		0.348			
SRN	AC	HHE		210.4	303	55		6	60.00	28.95	36.38	0.00		0.00		0.000	1.00	0.641.01	3.22 L
KBN	AC	HHZ		222.7	331	47	P		70.19	39.14	38.31	0.00	0.83*	1.12		0.164			
KBN	AC	HHN		222.7	331	47		6	60.00	28.95	38.31	0.00		0.00		0.000	1.00	1.8 .80	3.73 L
							S		96.94	65.89	67.04	0.00	-1.15*	1.12S		0.254			
VLO	AC	HHZ		283.0	310	43	P		78.71	47.66	46.32	0.00	1.34*	1.10		0.132			
VLO	AC	HHE		283.0	310	43		6	60.00	28.95	46.32	0.00		0.00		0.000	1.00	1.7 .63	3.98 L
							S		113.68	82.63	81.06	0.00	1.57*	1.01S		0.323			
TIR	AC	HHZ		332.4	327	43	P		85.30	54.25	52.86	0.00	1.39*	1.09		0.150			
TIR	AC	HHN		332.4	327	43	S		123.09	92.04	92.51	0.00	-0.47	1.12S		0.350			
SCTE	AC	HHZ		337.6	295	43	P		82.80	51.75	53.56	0.00	-1.81*	0.84		0.109			
PHP	AC	HHZ		340.9	337	43	P		84.30	53.25	53.98	0.00	-0.73*	1.12		0.206			
PHP	AC	HHN		340.9	337	43	S		122.68	91.63	94.46	0.00	-2.83*	0.08S		0.002			
BCI	AC	HHZ		422.6	337	43	P		93.84	62.79	64.80	0.00	-2.01*	0.66		0.072			

**Tërmete të largëta (Long distance earthquake)**

Y M D HM Sec Lat Long Dep Net Nr Rms Mag Epicenter  
2016-08-12 0126 36.41 Southeast of Loyalty Islands  
GAP= hor.err= ver.err=

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
LKD2	AC	iP		0146	21.46					
KBN	AC	iP		0146	22.59					
TIR	AC	iP		0146	23.75					
BCI	AC	iP		0146	24.26					
IGT	AC	iP		0146	24.33					
SRN	AC	iP		0146	24.84					
LSK	AC	iP		0146	25.43					

PHP AC iP 0146 25.47  
SCTE AC iP 0146 26.56

Y M D HM Sec Lat Long Dep Net Nr Rms Mag Epicenter  
2016-08-19 0732 23.01 7.4 South Georgia Island Region  
GAP= hor.err= ver.err=

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
NOCI	AC	iP		0746	29.45					
SCTE	AC	iP		0746	30.27					
LKD2	AC	iP		0746	30.27					
IGT	AC	iP		0746	32.52					
SRN	AC	iP		0746	34.33					
LSK	AC	iP		0746	35.95					
KBN	AC	iP		0746	37.70					
TIR	AC	iP		0746	40.83					
PHP	AC	iP		0746	42.22					

Y M D HM Sec Lat Long Dep Net Nr Rms Mag Epicenter  
2016-08-29 0429 59.37 7.1 North Of Ascension Island  
GAP= hor.err= ver.err=

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
SCTE	AC	iP		0439	06.24					
LKD2	AC	iP		0439	10.02					
SRN	AC	iP		0439	12.29					
LSK	AC	iP		0439	16.32					
TIR	AC	iP		0439	19.85					
KBN	AC	iP		0439	20.26					
PHP	AC	iP		0439	24.21					
BCI	AC	iP		0439	25.71					
VLO	AC	iP		0439	29.69					

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

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	08	04	2314	09.42								PHP
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		2314	09.42							
PHP	SE	ISG		2314	11.45							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	08	19	0527	58.24								PHP
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		0527	58.24							
PHP	SE	ISG		0527	59.81							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	08	23	0215	33.17								TIR
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
TIR	SZ	IPG		0215	33.17							
TIR	SE	ISG		0215	36.17							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	08	31	2225	09.56								PHP
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		2225	09.56							
PHP	SE	ISG		2225	16.50							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	08	31	2233	02.31								PHP
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		2233	02.31							
PHP	SE	ISG		2225	09.29							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	08	31	2240	32.77								PHP
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		2240	32.77							
PHP	SE	ISG		2240	39.76							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	08	31	2254	30.68								PHP
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		2254	30.68							
PHP	SE	ISG		2254	37.17							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	08	31	2305	27.80								PHP
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		2305	27.80							
PHP	SE	ISG		2305	34.43							

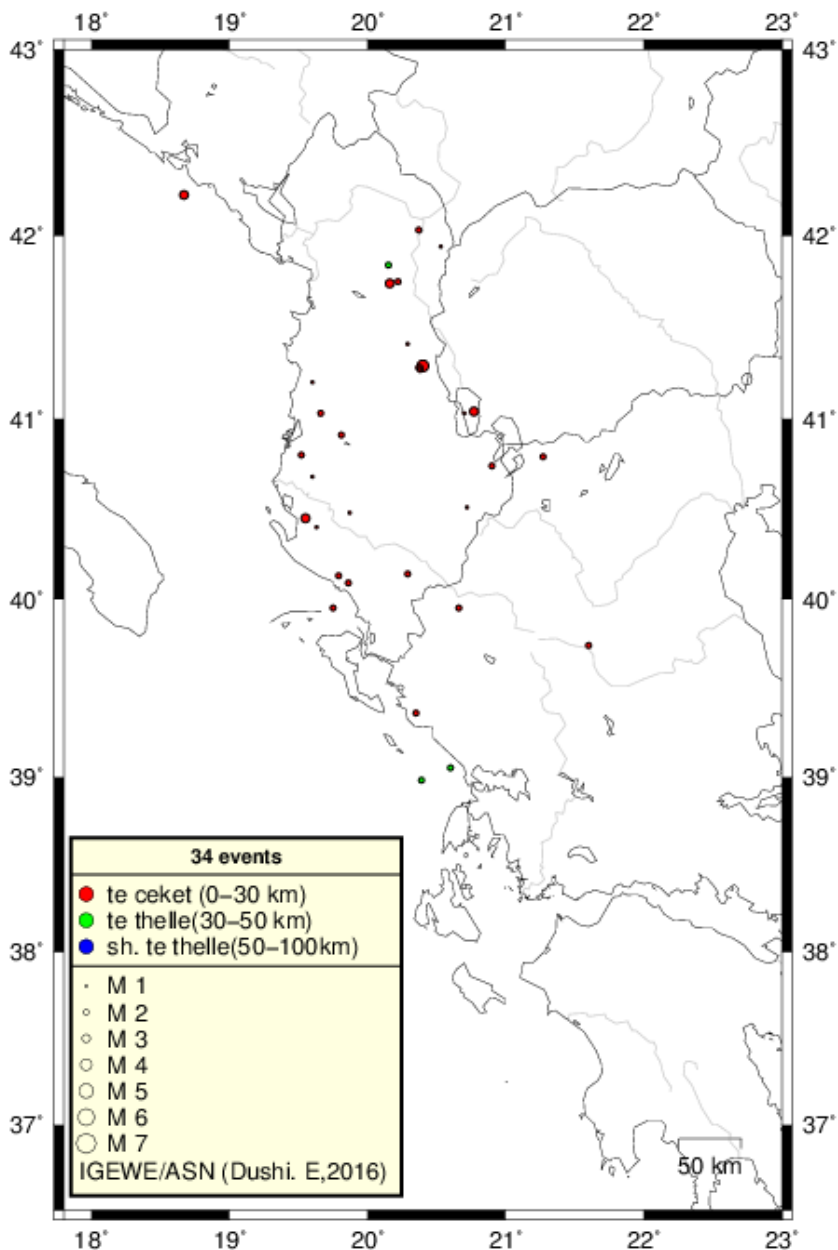
**Përshkrim i të dhënave makrosizmike** (Macro-seismic data description for individual events)

**Ngjarja 1** (Event 1):

Datë 31.08.2016, në orën 22:20:52.21(UTC); (00:20:52.21 ora lokale); lokalizuar 41.29V; 20.40L, Steblevë, 15km në verilindje të qytetit të Librazhdit; Intensiteti i tërmetit në epiqendër I<sub>0</sub>= V-VI ballë (EMS-98); Ndjerë: V ballë në qytetin e Librazhdit, IV-V ballë ne qytetin e Bulqizes, IV ballë në qytetin e Elbasanit dhe III ballë në qytetet e Tiranës dhe Peshkopisë. (Intensity I<sub>0</sub> = V-VI degree EMS-98, felt V degree at Librazhdi town, IV-V at Bulqiza town, IV at Elbasani town, III at Tirana and Peshkopia towns).

**Shënim:** Intensiteti i tërmetit në epiqendër I<sub>0</sub> është përcaktuar nga relacioni  $I_0 = (\text{Mag} (M_{L/d}) - 1)/0.6$

**Note:** The earthquake Intensity in epicenter I<sub>0</sub> is derived from the relation  $I_0 = (\text{Mag} (ML/d) - 1)/0.6$



**-Fig. 3 -**

Harta e shpërndarjes në hapësirë të epiqendrave, në përputhje me magnitudë (madhësia e simbolit) dhe thellësinë (ngjyra e simbolit); Ngjarjet janë lokalizuar gjatë muajit Gusht 2016, bazuar në regjistrimet e ASN dhe stacioneve sizmologjike në rajon.  
(Epicentral map for located seismicity within Albania and surrounding during August 2016)



## Statistika e ngjarjeve (Events Statistics)

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

Të dhënat përfaqësuese	Representative Parameters	Vlerat (observed values)
Numuri i përgjithshëm i ngjarjeve të regjistruara (kuandrat $39^{\circ}$ - $43^{\circ}$ V; $18.5^{\circ}$ - $21.5^{\circ}$ L)	[total recorded number of seismic events]	32
Numuri i ngjarjeve sizmike brenda kufirit shtetëror	[earthquakes occurred within state border]	27
Thellësia mesatare e vrojtuar (km)	[mean observed depth]	10
Thellësia maksimale e vrojtuar (km)	[maximum observed depth]	34
Magnituda lokale minimale e vrojtuar ( $M_{Ld}$ )	[minimum observed local magnitude]	1.3
Magnituda lokale maksimale e vrojtuar ( $M_{Ld}$ )	[maximum observed local magnitude]	4.2
Intensiteti maksimal i vrojtuar (MSK-64)	[maximum observed intensity]	V

## REFERENCA (References)

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