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**BULETINI SIZMOLOGJIK**

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## H Y R J E

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

### Briefing:

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

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

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

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

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

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

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

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

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

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

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

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

Rrjeti Sizmologjik Virtual (Virtual Seismological Network)

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

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

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

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

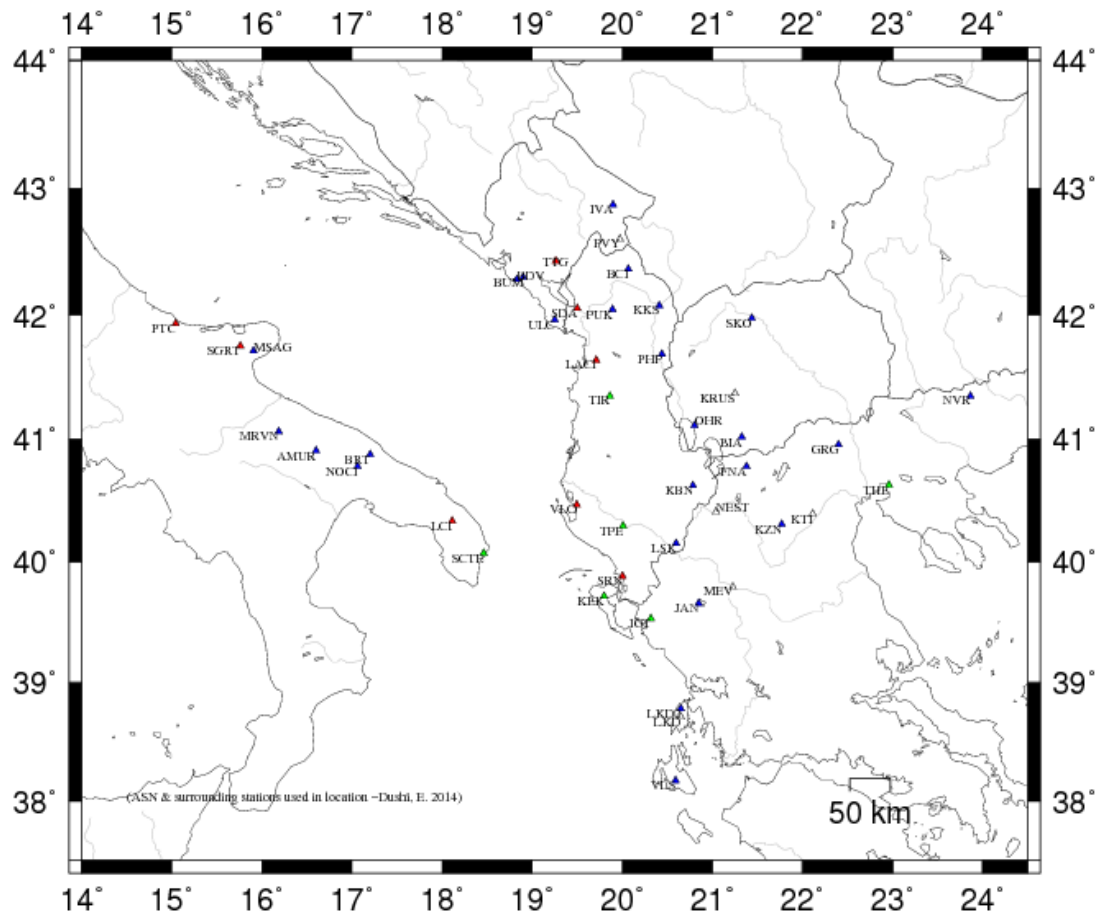
Kodi	Regjistruar (Po/Jo)	Gjer. Gjeo.	Gjat. Gjeo.	Lartesia	Tipi i stacionit	Sensori	Terheqja e Informacionit	Komunikimi	T <sub>0</sub>
Station Code	Registered (WDC)	Latitude (degree)	Longitude (degree)	Elev. (m)	Station type	Sensor type	Acquisition system	Communication	Nat.l Period (s)
MEV	Po (Y)	39.7850	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 i sec</i> ]
W	Kodi i peshimit 0-4 për magnitudën bazuar në zgjatshmërinë e sinjalit, Md, [ <i>duration magnitude weight code</i> ].
FMAG	Magnituda Md, për stacionin [ <i>duration magnitude for that station</i> ].
T	Kodi për llojin e magnitudës [ <i>the magnitude type code assigned by FC1 &amp; FC2 commands</i> ].
AMP	amplituda maksimale (pik-pik) [ <i>peak to peak maximum amplitude</i> ]
U	Kodi për njësinë e përdorur për amplitudën M – mm, C – counts, etj. [ <i>amplitude units code</i> ]
PER	Perioda (s), ku është matur $A_{\max}$ , [ <i>max amplitude corresponding period in sec.</i> ].
W	Kodi i peshimit 0-9, për magnitudën, bazuar ne amplitude, [ <i>amplitude based magnitude weight code</i> ].
XMAG	Magnituda bazuar në amplitude, për stacionin, [ <i>amplitude magnitude for that station</i> ].
T	Kodi për llojin e magnitudës [ <i>the magnitude type code assigned by XC1 &amp; XC2 commands</i> ].

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

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-06-02 1558 25.72 41 53.17 19E35.04 20.00 0.07 0.63 13.74 1.84 2.60 2.6

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 8 12 19.5 Atl 182 9 0 7 3 8 - 3.00 0.02 L 3.00 0.00 D

REGION= Zojz, Rajoni Lezhës (Zojz, Lezha 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
SDA	AC	HHE		19.5	340	90	S		33.39	7.67	8.17	0.00	-0.40*	0.00S		0.000			
SDA	AC	HHZ		19.5	340	90	P		30.36	4.64	4.67	0.00	-0.03	1.12		0.665			
TIR	AC	HHE		64.2	158	90		6	0.00-25.72	11.81	0.00			0.00		0.000	1.00	0.09 .20	1.35 L
							S		46.47	20.75	20.67	0.00	0.08	1.12S		0.545			
TIR	AC	HHZ		64.2	158	90	P		37.45	11.73	11.81	0.00	-0.08	1.12		0.354	1.00	20	2.60 D
BCI	AC	HHN		66.7	36	90		6	0.00-25.72	12.20	0.00			0.00		0.000	1.00	0.27 .51	1.86 L
							S		47.07	21.35	21.35	0.00	0.00	1.12S		0.549			
BCI	AC	HHZ		66.7	36	90	P		38.00	12.28	12.20	0.00	0.08	1.12		0.251	1.00	20	2.60 D
PHP	AC	HHN		74.7	107	90		6	0.00-25.72	13.47	0.00			0.00		1.000	1.00	0.21 .25	1.84 L
							S		49.24	23.52	23.57	0.00	-0.05	1.12S		0.619			
PHP	AC	HHZ		74.7	107	90	P		39.47	13.75	13.47	0.00	0.28	0.29		0.013	1.00	21	2.65 D

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-06-02 2253 43.59 40 40.44 20E46.80 19.00 0.18 3.66 9.44 1.80 2.12 2.1

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 7 10 5.6 Atl 241 7 0 5 2 6 - 2.00 0.56 L 2.00 0.30 D

REGION= 6 km V të Korcës, Rajoni Korcës (6km N 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		5.6	173	90	P		45.73	2.14	2.47	0.00	-0.33	0.96		0.252	1.00	10	1.82 D
KBN	AC	HHE		5.6	173	90		6	0.00-43.59	2.47	0.00			0.00		0.000	1.00	2.8 .07	2.35 L
							S		46.03	2.44	4.32	0.00	-0.88*	0.00S		0.000			
FNA	AC	HHZ		52.4	76	90	P		53.43	9.84	9.92	0.00	-0.08	1.01		0.622			
FNA	AC	HHN		52.4	76	90	S		61.04	17.45	17.36	0.00	0.09	1.01S		0.843			
LSK	AC	HHZ		60.2	195	90	P		54.96	11.37	11.17	0.00	0.20	1.01		0.592	1.00	16	2.41 D





KBN	AC	HHN	73.9	147	90	6	0.00	-4.56	13.36	0.00	0.00	0.000	1.00	0.38	.36	2.09	L
						S	27.99	23.43	23.38	0.00	0.05	1.14S	0.351				
FNA	AC	HHZ	100.4	116	90	P	22.05	17.49	17.59	0.00	-0.10	1.14	0.203				
FNA	AC	HHN	100.4	116	90	S	35.16	30.60	30.78	0.00	-0.18	0.87S	0.268				
LSK	AC	HHZ	117.4	168	90	P	24.95	20.39	20.30	0.00	0.09	1.14	0.254				
IGT	AC	HHZ	183.6	179	90	P	35.73	31.17	30.85	0.00	0.32	0.00	0.000				
IGT	AC	HHN	183.6	179	90	S	58.88	54.32	53.99	0.00	0.33	0.00S	0.000				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	06	08	1816	19.25	41 11.77	20E20.74	2.19	0.16	0.56	1.61	1.92	2.28	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	
13	19	43.6	Atl	109	10	0	12	6	13		4.00	0.14	L	2.00	0.01	D

REGION= 3 Km VL të Librazhdit, Rajoni Librazhdit (3 Km 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		43.6	293	62	P		27.59	8.34	8.47	0.00	-0.13	1.09		0.351	1.00	16	2.27	D		
TIR	AC	HHN		43.6	293	62		6	0.00	-19.25	8.47	0.00		0.00		0.000	1.00		0.44	.25	1.73	L
							S		34.02	14.77	14.82	0.00	-0.05	1.09S		0.582						
PHP	AC	HHZ		54.8	8	62	P		29.90	10.65	10.39	0.00	0.26	1.01		0.244	1.00	16	2.28	D		
PHP	AC	HHN		54.8	8	62		6	0.00	-19.25	10.39	0.00		0.00		0.000	1.00		0.41	.28	1.84	L
							S		37.61	18.36	18.18	0.00	0.18	1.09S		0.482						
KBN	AC	HHZ		73.7	149	62	P		33.00	13.75	13.63	0.00	0.12	1.09		0.214						
KBN	AC	HHN		73.7	149	62		6	0.00	-19.25	13.63	0.00		0.00		0.000	1.00		0.32	.40	1.99	L
							S		42.99	23.74	23.85	0.00	-0.11	1.09S		0.407						
FNA	AC	HHZ		98.7	117	62	P		36.96	17.71	17.94	0.00	-0.23	1.06		0.278						
FNA	AC	HHN		98.7	117	62	S		50.16	30.91	31.40	0.00	-0.49	0.10S		0.005						
LSK	AC	HHZ		118.2	169	62	P		40.43	21.18	21.27	0.00	-0.09	1.09		0.210						
BCI	AC	HHN		132.0	351	62		6	60.00	40.75	23.66	0.00		0.00		0.000	1.00		0.19	.62	2.21	L
							S		60.48	41.23	41.40	0.00	-0.17	1.09S		0.371						
SRN	AC	HHZ		149.1	192	62	P		46.02	26.77	26.58	0.00	0.19	1.09		0.255						
IGT	AC	HHZ		184.9	181	55	P		52.31	33.06	32.30	0.00	0.76*	0.00		0.000						
IGT	AC	HHE		184.9	181	55	S		75.90	56.65	56.52	0.00	0.13	1.09S		0.595						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	06	08	1818	57.23	41 11.33	20E20.27	2.14	0.24	0.75	0.80	1.67	2.22	1.6

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
10	15	43.4	Atl	114	8	0	9	5	10		3.00	0.26	L	2.00	0.06	D

REGION= 2 Km L të Librazhdit, Rajoni Librazhdit (2 Km E 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	295	51	P		65.88	8.65	8.61	0.00	0.04	1.04		0.434	1.00	14	2.16 D			
TIR	AC	HHN		43.4	295	51		6	60.00	2.77	8.61	0.00		0.00		0.000	1.00			0.21	.20	1.41 L
									72.15	14.92	15.07	0.00	-0.15	1.04S		0.630						
PHP	AC	HHZ		55.7	8	51	P		67.84	10.61	10.74	0.00	-0.13	1.04		0.362	1.00	16	2.28 D			
PHP	AC	HHN		55.7	8	51		6	60.00	2.77	10.74	0.00		0.00		0.000	1.00			0.27	.28	1.67 L
									76.29	19.06	18.80	0.00	0.27	1.04S		0.721						
KBN	AC	HHZ		73.3	148	51	P		71.31	14.08	13.76	0.00	0.32	1.00		0.353						
KBN	AC	HHN		73.3	148	51		6	60.00	2.77	13.76	0.00		0.00		0.000	1.00			0.28	.57	1.93 L
									81.58	24.35	24.08	0.00	0.27	1.04S		0.346						
FNA	AC	HHZ		99.0	116	51	P		74.99	17.76	18.16	0.00	-0.40	0.84		0.241						
FNA	AC	HHN		99.0	116	51	S		88.65	31.42	31.78	0.00	-0.36	0.93S		0.391						
IGT	AC	HHZ		184.0	181	46	P		90.86	33.63	32.38	0.00	1.25*	0.00		0.000						
IGT	AC	HHN		184.0	181	46	S		113.83	56.60	56.67	0.00	-0.07	1.04S		0.517						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-06-08			1827	58.13	41 10.36	20E20.59	5.83	0.12	0.50	1.97	1.52	2.20 1.5

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
8	12	44.5	Atl	116	10	0	7	4	8		2.00	0.14 L	2.00 0.10 D

REGION= 2 Km JL të Librazhdit, Rajoni Librazhdit (2 Km SE 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		44.5	297	62	P		66.19	8.06	8.30	0.00	-0.24	0.72		0.313	1.00	13	2.10 D			
TIR	AC	HHN		44.5	297	62		6	60.00	1.87	8.30	0.00		0.00		0.000	1.00			0.19	.18	1.38 L
									72.62	14.49	14.53	0.00	-0.04	1.06S		0.656						
PHP	AC	HHZ		57.4	8	62	P		68.74	10.61	10.51	0.00	0.10	1.06		0.406	1.00	16	2.29 D			
PHP	AC	HHN		57.4	8	62		6	60.00	1.87	10.51	0.00		0.00		0.000	1.00			0.25	.30	1.66 L
									76.43	18.30	18.39	0.00	-0.09	1.06S		0.800						
FNA	AC	HHZ		97.7	116	62	P		75.67	17.54	17.44	0.00	0.10	1.06		0.549						
FNA	AC	HHE		97.7	116	62	S		88.46	30.33	30.52	0.00	-0.19	0.96S		0.519						
IGT	AC	HHZ		182.2	181	55	P		90.77	32.64	31.48	0.00	1.16*	0.00		0.000						
IGT	AC	HHN		182.2	181	55	S		113.20	55.07	55.09	0.00	-0.02	1.06S		0.754						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-06-09			0119	48.35	41 30.52	19E31.86	10.69	0.14	1.07	1.33	1.62	2.24 1.6

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	13	33.2	Atl	303	9	0	7	3	8		3.00	0.18 L	2.00 0.17 D

REGION= Gjiri Lazëlit, Rajoni Durrës (Lalzi Bay, Durrësi Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
TIR	AC	HHZ		33.2	122	101	P		54.96	6.61	6.41	0.00	0.20	0.93		0.438	1.00	13	2.07 D
TIR	AC	HHE		33.2	122	101	S		59.45	11.10	11.22	0.00	-0.12	1.03S		0.829			
TIR	AC	HHN		33.2	122	101		6	0.00	-48.35	6.41	0.00		0.00		0.000	1.00		1.1 .15 2.05 L
PHP	AC	HHZ		78.3	75	93	P		62.33	13.98	14.12	0.00	-0.14	1.03		0.459	1.00	18	2.41 D
PHP	AC	HHN		78.3	75	93		6	60.00	11.65	14.12	0.00		0.00		0.000	1.00		0.08 .31 1.44 L
							S		73.17	24.82	24.71	0.00	0.11	1.03S		0.839			
KBN	AC	HHZ		144.3	132	68	P		73.57	25.22	25.11	0.00	0.11	1.03		0.392			
KBN	AC	HHN		144.3	132	68		6	60.00	11.65	25.11	0.00		0.00		0.000	1.00		0.04 .98 1.62 L
							S		92.33	43.98	43.94	0.00	0.04	1.03S		0.783			
FNA	AC	HHN		175.3	116	68	S		99.57	51.22	52.59	0.00	-0.37	0.00S		0.000			
FNA	AC	HHZ		175.3	116	68	P		78.21	29.86	30.05	0.00	-0.19	0.94		0.257			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2016-06-09 0532 48.33 40 7.29 19E55.76 5.59 0.29 0.41 1.00 3.15 3.17 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  
23 33 15.0 At1 90 21 0 21 10 22 # 7.00 0.14 L 3.00 0.08 D  
REGION= Zhulat, 16 Km J-L të Gjirokastër (Zhulat, 16 Km S-E of Gjirokastra, Gjirokastra 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
HIMA	AC	HHE		15.0	257	106	S		54.11	5.78	5.64	0.00	0.15	1.17S		0.474			
HIMA	AC	HHZ		15.0	257	106	P		51.83	3.50	3.22	0.00	0.28	1.17		0.314			
TPE	AC	HHZ		20.6	20	62	P		52.31	3.98	4.20	0.00	-0.22	1.17		0.115			
SRN	AC	HHN		27.5	167	62	S		57.99	9.66	9.43	0.00	0.23	1.17S		0.322			
SRN	AC	HHZ		27.5	167	62	P		53.67	5.34	5.39	0.00	-0.05	1.17		0.146	1.00	33	2.82 D
SRN	AC	HHE		27.5	167	62		6	0.00	-48.33	5.39	0.00		0.00		0.000	1.00		9.6 .20 2.92 L
VLO	AC	HHZ		53.4	317	62	P		59.14	10.81	9.83	0.00	0.28	0.00		0.000			
LSK	AC	HHN		57.1	86	62		6	60.00	11.67	10.48	0.00		0.00		0.000	1.00		7.0 .50 3.11 L
							S		66.98	18.65	18.34	0.00	0.31	1.17S		0.239			
LSK	AC	HHZ		57.1	86	62	P		58.03	9.70	10.48	0.00	-0.48	0.22		0.005	1.00	50	3.25 D
KBN	AC	HHN		91.8	52	62		6	60.00	11.67	16.43	0.00		0.00		0.000	1.00		4.5 .40 3.29 L
							S		76.77	28.44	28.75	0.00	-0.31	1.17S		0.187			
KBN	AC	HHZ		91.8	52	62	P		64.02	15.69	16.43	0.00	-0.74*	0.32		0.010	1.00	44	3.17 D
SCTE	AC	HHN		124.7	269	62		6	60.00	11.67	22.08	0.00		0.00		0.000	1.00		1.9 .31 3.15 L
							S		86.76	38.43	38.64	0.00	-0.21	1.17S		0.457			
SCTE	AC	HHZ		124.7	269	62	P		70.64	22.31	22.08	0.00	0.23	1.17		0.134			
TIR	AC	HHN		136.3	358	62		6	60.00	11.67	24.08	0.00		0.00		0.000	1.00		1.2 .75 3.03 L
							S		90.74	42.41	42.14	0.00	0.27	1.17S		0.194			
TIR	AC	HHZ		136.3	358	62	P		71.94	23.61	24.08	0.00	-0.47	1.07		0.088			
FNA	AC	HHE		143.5	58	62	S		92.82	44.49	44.31	0.00	0.18	1.17S		0.195			
FNA	AC	HHZ		143.5	58	62	P		73.00	24.67	25.32	0.00	-0.65*	0.58		0.036			

LKD2	AC	HHE	160.7	156	55	S	97.44	49.11	49.12	0.00	-0.01	1.17S	0.331						
LKD2	AC	HHZ	160.7	156	55	P	76.04	27.71	28.07	0.00	-0.36	1.17	0.133						
PHP	AC	HHN	178.9	13	55		60.00	11.67	30.97	0.00		0.00	0.000	1.00		1.7	.93	3.47	L
						S	102.93	54.60	54.20	0.00	0.40	1.15S	0.171						
PHP	AC	HHZ	178.9	13	55	P	79.79	31.46	30.97	0.00	0.49	1.03	0.066						
BCI	AC	HHE	249.6	2	43		120.00	71.67	41.41	0.00		0.00	0.000	1.00		0.95	.51	3.58	L
						S	120.63	72.30	72.47	0.00	-0.17	1.17S	0.296						
BCI	AC	HHZ	249.6	2	43	P	89.46	41.13	41.41	0.00	-0.28	1.17	0.076						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	06	09	1030	41.03	40 10.38	19E49.31	4.00	0.46	0.96	2.14	2.39	2.32 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
17	25	35.9	Atl	166	6	0	15	7	16	#	3.00	0.33 L	3.00 0.02 D
REGION= Kuci, Rajoni Vlorë (Kuci, Vlora Region, Albania)													

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T	
SRN	AC	HHZ		35.9	154	61	P		47.98	6.95	7.37	0.00	-0.42	1.21		0.293	1.00	17	2.30 D	
SRN	AC	HHN		35.9	154	61	S		54.29	13.26	12.90	0.00	0.36	1.21S		0.258				
SRN	AC	HHE		35.9	154	61		6	0.00-41.03	7.37	0.00			0.00		0.000	1.00		1.1 .47	2.06 L
VLO	AC	HHZ		43.0	320	51	P		48.76	7.73	8.64	0.00	-0.21	0.93		0.220	1.00	17	2.32 D	
VLO	AC	HHN		43.0	320	51		6	0.00-41.03	8.64	0.00			0.00		0.000	1.00		6.9 .54	2.92 L
							S		55.80	14.77	15.12	0.00	-0.35	1.21S		0.651				
LSK	AC	HHZ		66.2	91	51	P		53.10	12.07	12.64	0.00	-0.17	1.21		0.235	1.00	20	2.48 D	
LSK	AC	HHN		66.2	91	51		6	60.00	18.97	12.64	0.00		0.00		0.000	1.00		0.98 .75	2.39 L
							S		62.85	21.82	22.12	0.00	-0.30	1.21S		0.337				
IGT	AC	HHZ		83.4	148	51	P		56.21	15.18	15.60	0.00	-0.42	1.21		0.170				
IGT	AC	HHN		83.4	148	51	S		69.18	28.15	27.30	0.00	0.85*	1.02S		0.226				
TIR	AC	HHE		130.5	1	51	S		83.93	42.90	41.44	0.00	0.46	0.07S		0.001				
TIR	AC	HHZ		130.5	1	51	P		65.99	24.96	23.68	0.00	0.28	0.26		0.013				
FNA	AC	HHZ		148.7	62	51	P		66.67	25.64	26.81	0.00	-0.57*	0.44		0.037				
FNA	AC	HHN		148.7	62	51	S		87.90	46.87	46.92	0.00	-0.05	1.21S		0.380				
LKD2	AC	HHZ		169.7	154	46	P		71.27	30.24	30.20	0.00	0.04	1.21		0.148				
LKD2	AC	HHE		169.7	154	46	S		94.22	53.19	52.85	0.00	0.34	1.21S		0.446				
PHP	AC	HHZ		175.8	17	46	P		71.76	30.73	31.17	0.00	-0.44	1.21		0.227				
PHP	AC	HHN		175.8	17	46	S		95.54	54.51	54.55	0.00	-0.04	1.21S		0.350				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	06	10	2116	46.85	40 6.13	19E52.77	15.27	0.27	0.95	2.16	2.72	3.01 3.0

SOURCE

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

12 18 26.7 Atl 203 12 0 10 4 12 3.00 0.14 L 3.00 0.20 D  
 REGION= Borshi, Rajoni Sarandës (Borshi, 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		26.7	157	113	P		52.62	5.77	5.59	0.00	0.18	1.09		0.364	1.00	23	2.58 D
SRN	AC	HHN		26.7	157	113		6	0.00	-46.85	5.59	0.00		0.00		0.000	1.00		13 .37 3.10 L
							S		56.60	9.75	9.78	0.00	-0.03	1.09S		0.560			
LSK	AC	HHZ		61.5	84	94	P		57.97	11.12	11.30	0.00	-0.18	1.09		0.168	1.00	44	3.21 D
LSK	AC	HHN		61.5	84	94		6	60.00	13.15	11.30	0.00		0.00		0.000	1.00		2.4 .95 2.72 L
							S		66.82	19.97	19.77	0.00	0.20	1.09S		0.751			
IGT	AC	HHZ		74.2	148	92	P		60.44	13.59	13.42	0.00	0.17	1.09		0.302			
IGT	AC	HHN		74.2	148	92	S		70.20	23.35	23.49	0.00	-0.14	1.09S		0.720			
KBN	AC	HHZ		96.4	52	91	P		63.81	16.96	17.17	0.00	-0.21	1.09		0.249			
KBN	AC	HHN		96.4	52	91		6	60.00	13.15	17.17	0.00		0.00		0.000	1.00		0.79 .87 2.58 L
							S		78.89	32.04	30.05	0.00	0.39	0.00S		0.000			
TIR	AC	HHZ	138.3	0	71	P			71.87	25.02	23.88	0.00	0.14	0.19		0.015	1.00	32	3.01 D
TIR	AC	HHN	138.3	0	71	S			90.73	43.88	41.79	0.00	0.49	0.00S		0.000			
PHP	AC	HHZ	182.0	14	71	P			77.59	30.74	30.85	0.00	-0.11	1.09		0.356			
PHP	AC	HHN	182.0	14	71	S			100.94	54.09	53.99	0.00	0.10	1.09S		0.510			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-06-11 0211 44.98 40 5.72 19E51.50 17.46 0.15 0.95 1.51 1.46 2.31 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 26.8 Atl 266 6 0 7 3 9 2.00 0.05 L 2.00 0.13 D  
 REGION= 4 Km V Borsh, Rajoni Sarandës (B4 km N of Borshi, 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		26.8	153	117	P		50.73	5.75	5.76	0.00	-0.01	1.30		0.472	1.00	14	2.18 D
SRN	AC	HHE		26.8	153	117		6	0.00	-44.98	5.76	0.00		0.00		0.000	1.00		0.31 .20 1.50 L
							S		55.16	10.18	10.08	0.00	0.10	1.30S		0.616			
LSK	AC	HHZ		63.4	84	98	P		56.25	11.27	11.66	0.00	-0.39	1.09		0.211	1.00	17	2.43 D
LSK	AC	HHN		63.4	84	98		6	60.00	15.02	11.66	0.00		0.00		0.000	1.00		0.11 .37 1.41 L
							S		65.40	20.42	20.40	0.00	0.02	1.30S		0.838			
IGT	AC	HHZ		74.5	147	96	P		58.56	13.58	13.51	0.00	0.07	1.30		0.324			
IGT	AC	HHN		74.5	147	96	S		68.53	23.55	23.64	0.00	-0.09	1.30S		0.836			
SCTE	AC	HHZ		118.5	270	71	P		66.34	21.36	20.61	0.00	0.45	0.00		0.000			
SCTE	AC	HHE		118.5	270	71	S		80.39	35.41	36.07	0.00	-0.66*	0.09S		0.039			
FNA	AC	HHZ		150.2	59	71	P		70.79	25.81	25.66	0.00	0.15	1.30		0.661			

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

2016-06-11 1524 18.33 40 10.82 19E54.48 13.57 0.09 0.42 0.75 2.00 2.28 2.3

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
9 14 15.7 At1 129 10 0 8 5 9 4.00 0.17 L 2.00 0.05 D  
REGION= Golem, 21 Km VP të Gjirokastrës (Golem, 21 km NW of Gjirokastra, Gjirokastra 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
TPE	AC	HHZ		15.7	35	126	P		22.39	4.06	3.82	0.00	0.24	0.51	0.089				
TPE	AC	HHE		15.7	35	126	S		24.99	6.66	6.68	0.00	-0.03	1.08S	0.908				
SRN	AC	HHN		34.3	166	106		6	0.00	-18.33	6.71	0.00		0.00	0.000	1.00		1.3 .23	2.16 L
							S		30.17	11.84	11.74	0.00	0.10	1.08S	0.605				
SRN	AC	HHZ		34.3	166	106	P		24.94	6.61	6.71	0.00	-0.10	1.08	0.274	1.00	15	2.23 D	
LSK	AC	HHE		58.9	93	98		6	0.00	-18.33	10.86	0.00		0.00	0.000	1.00		0.75 .36	2.17 L
							S		37.37	19.04	19.00	0.00	0.03	1.08S	0.375				
LSK	AC	HHZ		58.9	93	98	P		29.03	10.70	10.86	0.00	-0.16	0.99	0.152	1.00	16	2.33 D	
KBN	AC	HHE		89.4	56	78		6	0.00	-18.33	15.99	0.00		0.00	0.000	1.00		0.13 .50	1.74 L
							S		46.37	28.04	27.98	0.00	0.06	1.08S	0.676				
SCTE	AC	HHE		123.2	266	68		6	0.00	-18.33	21.56	0.00		0.00	0.000	1.00		0.09 .20	1.83 L
							S		56.09	37.76	37.73	0.00	0.03	1.08S	0.917				
SCTE	AC	HHZ		123.2	266	68	P		40.51	22.18	21.56	0.00	0.62*	0.00	0.000				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2016-06-13 2314 52.53 40 4.89 19E56.56 24.63 0.21 0.75 1.10 2.82 3.11 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  
15 22 22.9 At1 104 10 0 14 6 15 4.00 0.12 L 3.00 0.11 D  
REGION= Borshi, Sarandë, Rajoni Sarandës (Borshi, 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		22.9	167	90	P		58.23	5.70	5.22	0.00	0.48	0.96	0.442	1.00	20	2.55 D	
SRN	AC	HHN		22.9	167	90		6	60.00	7.47	5.22	0.00		0.00	0.000	1.00		5.8 .60	2.82 L
							S		62.47	9.94	9.13	0.00	0.40	0.13S	0.016				
LSK	AC	HHZ		56.4	82	90	P		63.18	10.65	10.57	0.00	0.08	1.10	0.209	1.00	39	3.22 D	
LSK	AC	HHN		56.4	82	90		6	60.00	7.47	10.57	0.00		0.00	0.000	1.00		3.2 .50	2.81 L
							S		71.09	18.56	18.50	0.00	0.06	1.10S	0.372				
VLO	AC	HHZ		57.4	319	90	P		63.12	10.59	10.72	0.00	-0.13	1.10	0.194				
VLO	AC	HHN		57.4	319	90	S		72.49	19.96	18.76	0.00	0.20	0.00S	0.000				
KBN	AC	HHZ		93.7	49	90	P		69.12	16.59	16.51	0.00	0.08	1.10	0.138	1.00	33	3.11 D	
KBN	AC	HHN		93.7	49	90		6	60.00	7.47	16.51	0.00		0.00	0.000	1.00		0.811.03	2.59 L
							S		81.66	29.13	28.89	0.00	0.24	1.10S	0.294				
SCTE	AC	HHZ		125.7	271	90	P		74.66	22.13	21.62	0.00	0.41	0.90	0.183				
SCTE	AC	HHN		125.7	271	90	S		90.22	37.69	37.83	0.00	-0.14	1.10S	0.496				
TIR	AC	HHZ		140.8	358	90	P		76.92	24.39	24.02	0.00	0.37	1.09	0.160				

TIR	AC	HHN	140.8	358	90		6	60.00	7.47	24.02	0.00		0.00	0.000	1.00		2839	.74	6.46	L
						S		94.48	41.95	42.03	0.00	-0.08	1.10S	0.450						
PHP	AC	HHZ	182.9	13	62	P		83.46	30.93	30.49	0.00	0.44	1.02	0.174						
PHP	AC	HHN	182.9	13	62	S		105.48	52.95	53.36	0.00	-0.41	1.07S	0.564						
BCI	AC	HHZ	254.0	2	56	P		92.44	39.91	40.02	0.00	-0.11	1.10	0.301						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-06-14	0229	47.63	40	14.63	19E40.17	28.55	0.18	1.29	1.09	2.34	2.80	2.8

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
12	18	29.0	At1	186	11	0	10	5	12		3.00	0.04	L	4.00	0.15	D

REGION= Terbacì, Rajoni Vlorës (Terbacì, 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		29.0	330	130	P		53.96	6.33	7.04	0.00	-0.41	0.10		0.003	1.00	19	2.58	D		
VLO	AC	HHN		29.0	330	130	S		59.84	12.21	12.32	0.00	-0.11	1.12S		0.931						
SRN	AC	HHZ		49.3	144	113	P		57.69	10.06	9.80	0.00	0.26	1.12		0.420	1.00	21	2.73	D		
SRN	AC	HHN		49.3	144	113		6	60.00	12.37	9.80	0.00		0.00		0.000	1.00		0.53	.40	1.96	L
							S		64.66	17.03	17.15	0.00	-0.12	1.12S		0.489						
LSK	AC	HHZ		79.8	97	102	P		61.62	13.99	14.45	0.00	-0.46	0.85		0.093	1.00	34	3.17	D		
LSK	AC	HHN		79.8	97	102		6	60.00	12.37	14.45	0.00		0.00		0.000	1.00		0.58	.57	2.34	L
							S		73.07	25.44	25.29	0.00	0.15	1.12S		0.717						
KBN	AC	HHZ		103.8	65	97	P		65.89	18.26	18.22	0.00	0.04	1.12		0.191	1.00	23	2.86	D		
KBN	AC	HHN		103.8	65	97		6	60.00	12.37	18.22	0.00		0.00		0.000	1.00		0.42	.75	2.38	L
							S		78.66	31.03	31.88	0.00	-0.45	0.00S		0.000						
TIR	AC	HHZ		123.7	7	76	P		69.10	21.47	21.36	0.00	0.11	1.12		0.217						
TIR	AC	HHN		123.7	7	76	S		85.30	37.67	37.38	0.00	0.29	1.12S		0.304						
PHP	AC	HHZ		172.7	21	62	P		76.39	28.76	28.76	0.00	0.00	1.12		0.282						
PHP	AC	HHN		172.7	21	62	S		97.59	49.96	50.33	0.00	-0.37	1.06S		0.346						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-06-15	1506	59.27	41	9.56	19E57.34	10.15	0.10	0.34	0.67		1.84	1.8

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
4	6	22.2	At1	307	6	0	4	2	4	-	0.00	0.00	L	2.00	0.36	D

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

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T	
TIR	AC	HHZ		22.2	341	61	P		64.11	4.84	4.71	0.00	0.13	0.96		0.999	1.00	7	1.48	D
TIR	AC	HHE		22.2	341	61	S		67.45	8.18	8.24	0.00	-0.06	1.04S		1.000				
PHP	AC	HHZ		71.1	34	51	P		72.60	13.33	13.45	0.00	-0.12	0.97		0.999	1.00	14	2.19	D



PHP AC HHN 71.1 34 51 S 82.88 23.61 23.54 0.00 0.07 1.04S 0.999

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2016-06-16 0317 52.44 41 20.81 20E15.39 3.03 0.63 0.18 0.84 1.99 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  
10 15 32.8 At1 101 10 0 10 5 10 # 0.00 0.00 L 3.00 0.12 D

REGION= Bizë, Rajoni Tiranës (Bizë, Tirana Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
TIR	AC	HHZ		32.8	271	61	P		58.71	6.27	6.76	0.00	-0.49	1.12		0.440	1.00	12	1.99 D
TIR	AC	HHN		32.8	271	61	S		63.38	10.94	11.83	0.00	-0.89*	1.05S		0.559			
PHP	AC	HHZ		40.5	22	51	P		60.39	7.95	8.22	0.00	-0.27	1.12		0.363	1.00	10	1.87 D
PHP	AC	HHN		40.5	22	51	S		66.92	14.48	14.39	0.00	0.09	1.12S		0.458			
FNA	AC	HHZ		113.6	123	51	P		72.39	19.95	20.78	0.00	-0.83*	1.09		0.373			
FNA	AC	HHN		113.6	123	51	S		88.03	35.59	36.36	0.00	-0.77*	1.11S		0.526			
BCI	AC	HHZ		114.4	353	51	P		74.84	22.40	20.90	0.00	0.50*	0.23		0.013	1.00	23	2.64 D
BCI	AC	HHN		114.4	353	51	S		88.82	36.38	36.58	0.00	-0.19	1.12S		0.479			
SRN	AC	HHZ		164.3	188	46	P		82.36	29.92	29.34	0.00	0.58*	1.12		0.254			
SRN	AC	HHE		164.3	188	46	S		104.81	52.37	51.35	0.00	0.02*	0.91S		0.530			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2016-06-17 0416 59.81 41 29.15 20E20.42 24.84 0.10 0.48 1.60 2.07 2.60 2.6

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
8 12 23.6 At1 119 9 0 7 3 8 - 3.00 0.30 L 3.00 0.41 D

REGION= Bulqizë, Rajoni Bulqizës (Bulqizë, 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		23.6	20	90	P		65.26	5.45	5.34	0.00	0.11	1.06		0.317	1.00	13	2.19 D
PHP	AC	HHN		23.6	20	90		6	60.00	0.19	5.34	0.00		0.00		0.000	1.00		2.0 .11 2.37 L
							S		68.39	8.58	9.34	0.00	-0.46	0.00S		0.000			
TIR	AC	HHZ		42.6	250	90	P		68.22	8.41	8.36	0.00	0.05	1.06		0.319	1.00	19	2.60 D
TIR	AC	HHN		42.6	250	90		6	60.00	0.19	8.36	0.00		0.00		1.000	1.00		0.33 .18 1.68 L
							S		74.42	14.61	14.63	0.00	-0.02	1.06S		0.682			
BCI	AC	HHZ		100.4	348	90	P		77.52	17.71	17.58	0.00	0.13	1.06		0.262	1.00	30	3.04 D
BCI	AC	HHN		100.4	348	90		6	60.00	0.19	17.58	0.00		0.00		0.000	1.00		0.22 .37 2.07 L
							S		90.41	30.60	30.76	0.00	-0.17	1.00S		0.481			
FNA	AC	HHZ		117.4	131	90	P		79.88	20.07	20.30	0.00	-0.23	0.70		0.170			
FNA	AC	HHN		117.4	131	90	S		95.36	35.55	35.52	0.00	0.03	1.06S		0.765			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-06-17 0646 7.38 41 31.00 20E18.88 6.27 0.05 0.34 12.94 1.85 1.8

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 7 10 21.4 At1 145 8 0 6 3 7 - 2.00 0.27 L 0.00 0.00 D

REGION= Bulqizë, Rajoni Bulqizës (Bulqizë, 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		21.4	29	91	P		11.68	4.30	4.31	0.00	-0.01	1.37		0.620			
PHP	AC	HHN		21.4	29	91		6	0.00	-7.38	4.31	0.00		0.00		0.000	1.00		1.7 .20 2.11 L
							S		14.92	7.54	7.54	0.00	0.00	1.37S		0.876			
TIR	AC	HHZ		42.0	244	90	P		15.30	7.92	7.85	0.00	0.07	1.37		0.620			
TIR	AC	HHN		42.0	244	90		6	0.00	-7.38	7.85	0.00		0.00		0.000	1.00		0.32 .23 1.58 L
							S		21.06	13.68	13.74	0.00	-0.06	1.37S		0.876			
BCI	AC	HHZ		96.6	348	90	P		24.12	16.74	17.23	0.00	-0.49	0.00		0.000			
FNA	AC	HHZ		121.3	131	90	P		28.43	21.05	21.47	0.00	-0.42	0.14		0.010			
FNA	AC	HHE		121.3	131	90	S		44.96	37.58	37.57	0.00	0.01	1.37S		0.996			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-06-18 0134 26.77 40 4.14 20E36.05 14.26 0.13 0.62 0.78 1.76 2.44 2.4

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 13 19 9.0 At1 139 21 0 11 6 13 # 3.00 0.07 L 3.00 0.00 D

REGION= 8 km J te Leskovikut, Kufiri Greqi-Shqiperi (8 Km S Leskovik, Greece-Albnia border, 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		9.0	359	144	P		29.83	3.06	3.10	0.00	-0.04	1.03		0.269	1.00	22	2.44 D
LSK	AC	HHN		9.0	359	144		6	0.00	-26.77	3.10	0.00		0.00		0.000	1.00		3.6 .23 2.37 L
							S		32.29	5.52	5.42	0.00	0.10	1.03S		0.709			
SRN	AC	HHZ		55.4	248	91	P		37.11	10.34	10.27	0.00	0.07	1.03		0.264	1.00	18	2.44 D
SRN	AC	HHE		55.4	248	91		6	0.00	-26.77	10.27	0.00		0.00		0.000	1.00		0.32 .21 1.76 L
							S		44.75	17.98	17.97	0.00	0.01	1.03S		0.630			
KBN	AC	HHZ		63.6	14	90	P		38.34	11.57	11.65	0.00	-0.08	1.03		0.194	1.00	17	2.39 D
KBN	AC	HHN		63.6	14	90		6	0.00	-26.77	11.65	0.00		0.00		0.000	1.00		0.21 .54 1.69 L
							S		47.17	20.40	20.39	0.00	0.01	1.03S		0.403			
IGT	AC	HHZ		64.0	202	90	P		37.10	10.33	11.72	0.00	-1.39*	0.00		0.000			
IGT	AC	HHN		64.0	202	90	S		46.92	20.15	20.51	0.00	-0.36	0.75S		0.208			
FNA	AC	HHZ		103.3	39	90	P		44.82	18.05	18.31	0.00	-0.26	1.00		0.176			
FNA	AC	HHE		103.3	39	90	S		58.89	32.12	32.04	0.00	0.08	1.03S		0.355			
LKD2	AC	HHZ		142.2	178	71	P		51.44	24.67	24.55	0.00	0.12	1.03		0.262			
LKD2	AC	HHN		142.2	178	71	S		69.86	43.09	42.96	0.00	0.13	1.03S		0.525			

SCTE AC HHZ 181.9 271 71 P 58.64 31.87 30.88 0.00 0.99\* 0.00 0.000

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-06-18 0457 35.95 40 36.10 19E58.03 12.98 0.21 0.36 1.01 2.22 2.62 2.2

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 19 28 42.6 At1 105 11 0 18 9 19 7.00 0.09 L 3.00 0.02 D  
 REGION= 12 Km J të Beratit, Berati region (12 km V of Berati, Berati Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
VLO	AC	HHE		42.6	250	101		6	0.00-35.95	8.07	0.00		0.00	0.00		0.000	1.00		4.3	.11		2.73 L
							S		50.38 14.43	14.12	0.00		0.31	1.16S		0.461						
VLO	AC	HHZ		42.6	250	101	P		43.73 7.78	8.07	0.00		-0.29	1.16		0.254	1.00	23		2.62	D	
KBN	AC	HHE		69.5	87	96		6	0.00-35.95	12.63	0.00		0.00	0.00		0.000	1.00		0.47	.47		2.13 L
							S		58.20 22.25	22.10	0.00		0.15	1.16S		0.421						
KBN	AC	HHZ		69.5	87	96	P		47.93 11.98	12.63	0.00		-0.45	0.23		0.009	1.00	23		2.64	D	
LSK	AC	HHN		73.4	132	96		6	0.00-35.95	13.31	0.00		0.00	0.00		0.000	1.00		0.71	.50		2.34 L
							S		59.17 23.22	23.29	0.00		-0.07	1.16S		0.358						
LSK	AC	HHZ		73.4	132	96	P		48.58 12.63	13.31	0.00		-0.68*	0.16		0.003						
SRN	AC	HHN		80.2	177	78		6	60.00 24.05	14.46	0.00		0.00	0.00		0.000	1.00		0.41	.41		2.16 L
							S		61.35 25.40	25.31	0.00		0.09	1.16S		0.229						
SRN	AC	HHZ		80.2	177	78	P		50.33 14.38	14.46	0.00		-0.08	1.16		0.104	1.00	21		2.57	D	
TIR	AC	HHE		83.3	355	78		6	60.00 24.05	14.98	0.00		0.00	0.00		0.000	1.00		0.19	.25		1.86 L
							S		62.27 26.32	26.22	0.00		0.10	1.16S		0.310						
TIR	AC	HHZ		83.3	355	78	P		50.52 14.57	14.98	0.00		-0.41	1.02		0.129						
FNA	AC	HHE		121.4	80	68	S		72.95 37.00	37.29	0.00		-0.29	1.16S		0.303						
FNA	AC	HHZ		121.4	80	68	P		56.38 20.43	21.31	0.00		-0.88*	0.00		0.000						
IGT	AC	HHE		122.8	165	68	S		73.87 37.92	37.69	0.00		0.22	1.16S		0.320						
IGT	AC	HHZ		122.8	165	68	P		57.58 21.63	21.54	0.00		0.09	1.16		0.112						
PHP	AC	HHN		126.7	18	68		6	60.00 24.05	22.15	0.00		0.00	0.00		0.000	1.00		0.21	.68		2.22 L
							S		74.97 39.02	38.76	0.00		0.26	1.16S		0.318						
PHP	AC	HHZ		126.7	18	68	P		58.27 22.32	22.15	0.00		0.17	1.16		0.144						
SCTE	AC	HHN		140.0	246	68		6	60.00 24.05	24.28	0.00		0.00	0.00		0.000	1.00		0.17	.37		2.22 L
							S		78.30 42.35	42.49	0.00		-0.14	1.16S		0.365						
SCTE	AC	HHZ		140.0	246	68	P		60.18 24.23	24.28	0.00		-0.05	1.16		0.140						
LKD2	AC	HHZ		209.8	163	55	P		70.61 34.66	35.28	0.00		-0.62*	0.32		0.011						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-06-18 0930 30.74 41 27.53 20E10.29 18.89 0.15 0.37 0.69 2.56 2.66 2.6

SOURCE

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

14 20 28.4 Atl 111 8 0 12 6 14 4.00 0.19 L 3.00 0.04 D  
 REGION= 5 Km JP të Bulqizës, Rajoni Bulqizës (5 Km SW 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	
TIR	AC	HHZ		28.4	245	119	P		36.87	6.13	6.12	0.00	0.01	1.19		0.281	1.00	24	2.66	D			
TIR	AC	HHN		28.4	245	119		6	0.00	-30.74	6.12	0.00		0.00		0.000	1.00			3.0	.14	2.51	L
							S		41.44	10.70	10.71	0.00	-0.01	1.19S		0.614							
PHP	AC	HHZ		33.7	41	114	P		37.47	6.73	6.90	0.00	-0.17	1.19		0.275	1.00	22	2.62	D			
PHP	AC	HHN		33.7	41	114		6	0.00	-30.74	6.90	0.00		0.00		0.000	1.00			7.2	.18	2.92	L
							S		42.93	12.19	12.07	0.00	0.12	1.19S		0.642							
BCI	AC	HHZ		101.2	356	71	P		49.19	18.45	17.77	0.00	0.48	0.05		0.000							
BCI	AC	HHE		101.2	356	71		6	60.00	29.26	17.77	0.00		0.00		0.000	1.00			0.75	.41	2.60	L
							S		61.87	31.13	31.10	0.00	0.03	1.19S		0.889							
KBN	AC	HHZ		106.2	150	71	P		50.25	19.51	18.57	0.00	0.94*	0.00		0.000	1.00	31	3.00	D			
KBN	AC	HHE		106.2	150	71		6	60.00	29.26	18.57	0.00		0.00		0.000	1.00			0.30	.41	2.24	L
							S		63.27	32.53	32.50	0.00	0.03	1.19S		0.304							
FNA	AC	HHZ		126.6	126	71	P		52.09	21.35	21.81	0.00	-0.46	0.74		0.060							
FNA	AC	HHE		126.6	126	71	S		68.94	38.20	38.17	0.00	0.03	1.19S		0.360							
LSK	AC	HHZ		149.8	165	71	P		56.51	25.77	25.51	0.00	0.26	1.19		0.142							
SRN	AC	HHZ		175.9	185	71	P		60.48	29.74	29.68	0.00	0.06	1.19		0.167							
SRN	AC	HHE		175.9	185	71	S		82.12	51.38	51.94	0.00	-0.56*	0.34S		0.028							
IGT	AC	HHZ		214.4	176	51	P		65.94	35.20	35.32	0.00	-0.12	1.19		0.231							

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-06-18 1410 42.71 40 4.62 19E46.50 13.26 0.22 0.64 1.43 2.48 2.77 2.5

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 13 18 29.1 Atl 130 7 0 12 5 13 4.00 0.20 L 2.00 0.21 D  
 REGION= 3 Km JL të Himarës, Rajoni Himarës (3 Km SE of Himara, Himara Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T	
SRN	AC	HHZ		29.1	138	109	P		48.36	5.65	5.86	0.00	-0.21	1.07		0.246	1.00	23	2.56	D			
SRN	AC	HHN		29.1	138	109		6	0.00	-42.71	5.86	0.00		0.00		0.000	1.00			1.9	.60	2.28	L
							S		53.12	10.41	10.25	0.00	0.16	1.07S		0.556							
VLO	AC	HHZ		49.6	332	100	P		52.06	9.35	9.26	0.00	0.09	1.07		0.228							
VLO	AC	HHN		49.6	332	100		6	0.00	-42.71	9.26	0.00		0.00		0.000	1.00			3.1	.69	2.67	L
							S		58.93	16.22	16.20	0.00	0.02	1.07S		0.491							
LSK	AC	HHZ		70.7	83	96	P		55.18	12.47	12.85	0.00	-0.38	0.91		0.126	1.00	34	2.98	D			
LSK	AC	HHN		70.7	83	96		6	60.00	17.29	12.85	0.00		0.00		0.000	1.00			1.6	.51	2.68	L
							S		65.39	22.68	22.49	0.00	0.19	1.07S		0.396							
IGT	AC	HHZ		77.0	141	78	P		56.22	13.51	13.91	0.00	-0.40	0.86		0.138							
IGT	AC	HHN		77.0	141	78	S		67.27	24.56	24.34	0.00	0.22	1.07S		0.473							
SCTE	AC	HHZ		111.4	271	78	P		62.26	19.55	19.70	0.00	-0.15	1.07		0.256							

SCTE	AC	HHN	111.4	271	78		6	60.00	17.29	19.70	0.00		0.00	0.000	1.00		0.29	.31	2.25	L
							S	77.32	34.61	34.47	0.00	0.14	1.07S	0.525						
FNA	AC	HHZ	157.4	59	68	P		69.27	26.56	27.03	0.00	-0.47	0.64	0.150						
LKD2	AC	HHZ	161.9	151	68	P		71.63	28.92	27.76	0.00	1.16*	0.00	0.000						
PHP	AC	HHZ	187.1	17	68	P		74.67	31.96	31.78	0.00	0.18	1.07	0.408						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-06-21	0015	34.52	40	12.81	20E42.40	4.83	0.19	0.98	0.70	1.31	2.10	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	
11	16	11.6	Atl	162	8	0	9	5	10		3.00	0.19	L	3.00	0.08	D

REGION= Leskoviku, Rajoni Leskoviku (Leskoviku, Leskoviku 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		11.6	233	108	P		37.24	2.72	2.54	0.00	0.18	1.15		0.377	1.00	14	2.02	D		
LSK	AC	HHE		11.6	233	108	S		38.84	4.32	4.44	0.00	-0.13	1.15S		0.590						
LSK	AC	HHN		11.6	233	108		6	0.00-34.52	2.54	0.00			0.00		0.000	1.00		5.6	.10	2.43	L
KBN	AC	HHZ		46.1	8	62	P		43.33	8.81	8.65	0.00	0.16	1.15		0.234	1.00	13	2.10	D		
KBN	AC	HHE		46.1	8	62		6	0.00-34.52	8.65	0.00			0.00		0.000	1.00		0.10	.40	1.12	L
							S		49.80	15.28	15.14	0.00	0.14	1.15S		0.571						
SRN	AC	HHZ		70.7	239	62	P		46.89	12.37	12.89	0.00	-0.52*	0.09		0.001	1.00	21	2.53	D		
SRN	AC	HHN		70.7	239	62		6	0.00-34.52	12.89	0.00			0.00		0.000	1.00		0.07	.57	1.31	L
							S		56.85	22.33	22.56	0.00	-0.23	1.15S		0.703						
IGT	AC	HHZ		82.3	204	62	P		49.37	14.85	14.87	0.00	-0.02	1.15		0.286						
IGT	AC	HHE		82.3	204	62	S		60.81	26.29	26.02	0.00	0.27	1.10S		0.563						
FNA	AC	HHZ		85.3	42	62	P		49.55	15.03	15.39	0.00	-0.36	0.75		0.151						
FNA	AC	HHE		85.3	42	62	S		61.29	26.77	26.93	0.00	-0.16	1.15S		0.520						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-06-24	1034	46.64	39	46.78	20E13.56	2.00	0.22	0.54	1.39	2.04	2.21	

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	22.3	Atl	139	6	0	10	5	10	#	2.00	0.09	L	2.00	0.03	D

REGION= 22 Km JL të Sarandës, Rajoni Sarandës (22 Km SE 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		22.3	301	61	P		51.43	4.79	4.73	0.00	0.06	1.16		0.440	1.00	16	2.18	D		
SRN	AC	HHE		22.3	301	61		6	0.00-46.64	4.73	0.00			0.00		0.000	1.00		1.2	.30	1.95	L
							S		54.86	8.22	8.28	0.00	-0.06	1.16S		0.808						
IGT	AC	HHZ		29.0	162	61	P		52.17	5.53	6.02	0.00	-0.49	0.50		0.099						
IGT	AC	HHN		29.0	162	61	S		57.01	10.37	10.53	0.00	-0.17	1.16S		0.433						

LSK	AC	HHZ	52.0	37	51	P	56.94	10.30	10.19	0.00	0.11	1.16	0.326	1.00	15	2.23	D		
LSK	AC	HHE	52.0	37	51	S	63.94	17.30	17.83	0.00	-0.23	0.33S	0.059						
LSK	AC	HHN	52.0	37	51		60.00	13.36	10.19	0.00		0.00	0.000	1.00		0.86	.60	2.12	L
LKD2	AC	HHZ	116.1	161	51	P	68.00	21.36	21.21	0.00	0.15	1.16	0.282						
LKD2	AC	HHN	116.1	161	51	S	84.08	37.44	37.12	0.00	0.32	1.09S	0.535						
FNA	AC	HHZ	148.6	41	51	P	73.75	27.11	26.79	0.00	0.32	1.10	0.300						
FNA	AC	HHN	148.6	41	51	S	93.75	47.11	46.88	0.00	0.23	1.16S	0.714						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	06	24	2147 46.94	40 19.26	19E21.23	8.92	0.08	0.44	1.06	1.55	2.31	1.6

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
12	18	20.3	Atl	145	9	0	9	5	12		3.00	0.28	L	2.00	0.14	D

REGION= Deti Adriatik, 11 km P të Orikumit, Rajoni Vlorës (Adriatic Sea, 11km W of Orikumi, 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	20.3	36	104	P			50.52	3.58	4.19	0.00	-0.61*	0.00		0.000	1.00	16	2.17	D		
VLO	AC	HHE	20.3	36	104			6	0.00	-46.94	4.19	0.00		0.00		0.000	1.00		7.4	.14	2.75	L
								S	54.30	7.36	7.33	0.00	0.03	1.10S		0.925						
SRN	AC	HHZ	73.7	131	92	P			60.33	13.39	13.31	0.00	0.08	1.10		0.173	1.00	19	2.45	D		
SRN	AC	HHE	73.7	131	92			6	60.00	13.06	13.31	0.00		0.00		0.000	1.00		0.06	.28	1.27	L
								S	70.20	23.26	23.29	0.00	-0.03	1.10S		0.435						
SCTE	AC	HHZ	80.1	251	92	P			61.82	14.88	14.40	0.00	0.48	0.08		0.002						
SCTE	AC	HHN	80.1	251	92			6	60.00	13.06	14.40	0.00		0.00		0.000	1.00		0.10	.34	1.55	L
								S	72.17	25.23	25.20	0.00	0.03	1.10S		0.889						
LSK	AC	HHZ	107.6	99	91	P			65.96	19.02	19.14	0.00	-0.12	1.10		0.122						
LSK	AC	HHN	107.6	99	91	S			80.49	33.55	33.49	0.00	0.06	1.10S		0.265						
IGT	AC	HHZ	121.0	136	91	P			68.43	21.49	21.44	0.00	0.05	1.10		0.183						
IGT	AC	HHN	121.0	136	91	S			85.04	38.10	37.52	0.00	0.58*	0.00S		0.000						
FNA	AC	HHZ	179.4	72	68	P			77.62	30.68	30.82	0.00	-0.14	1.10		0.307						
FNA	AC	HHN	179.4	72	68	S			100.99	54.05	53.93	0.00	0.12	1.10S		0.693						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	06	25	0215 13.96	41 13.91	20E 6.96	11.10	0.13	0.57	2.56	1.77	2.29	1.8

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
9	12	24.6	Atl	163	10	0	7	3	8	-	4.00	0.20	L	3.00	0.21	D

REGION= 13 km V të Elbasanit, Rajoni Elbasanit (13 km N of Elbasani, Elbasani Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T	
TIR	AC	HHZ	24.6	302	90	P			18.80	4.84	4.86	0.00	-0.02	1.05		0.333	1.00	14	2.08	D

TIR	AC	HHN	24.6	302	90	6	0.00-13.96	4.86	0.00	0.00	1.000	1.00			1.4	.20	2.07	L	
						S	22.38	8.42	8.50	0.00	-0.09	1.05S	0.632						
PHP	AC	HHZ	57.1	28	90	P	24.30	10.34	10.45	0.00	-0.11	1.05	0.226	1.00	16	2.29	D		
PHP	AC	HHN	57.1	28	90	6	0.00-13.96	10.45	0.00	0.00	0.000	1.00				0.19	.15	1.54	L
						S	32.10	18.14	18.29	0.00	-0.15	1.05S	0.505						
KBN	AC	HHZ	88.1	139	90	P	29.77	15.81	15.76	0.00	0.05	1.05	0.865						
KBN	AC	HHN	88.1	139	90	6	0.00-13.96	15.76	0.00	0.00	0.000	1.00				0.10	.72	1.61	L
BCI	AC	HHZ	126.1	359	90	P	36.52	22.56	22.29	0.00	0.27	0.71	0.074	1.00	26	2.76	D		
BCI	AC	HHN	126.1	359	90	6	0.00-13.96	22.29	0.00	0.00	0.000	1.00				0.11	.50	1.93	L
						S	53.15	39.19	39.01	0.00	0.18	1.03S	0.361						
LSK	AC	HHZ	126.9	161	90	P	36.89	22.93	22.43	0.00	0.50	0.00	0.000						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-06-27	0240	7.38	41	16.69	19E 1.91	41.47	0.52	2.20	6.59	1.33	2.30	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
12	17	70.2	Atl	142	10	0	10	4	12		2.00	0.08	L
REGION= Deti Adriatik, 35 km P të Durrësit (Adriatic Sea, 35km W of Durrësi, Durrësi Region, Albania)													

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
TIR	AC	HHZ		70.2	83	101	P		20.94	13.56	13.52	0.00	0.04	1.03		0.209	1.00	11	2.36	D		
TIR	AC	HHN		70.2	83	101	6		0.00	-7.38	13.52	0.00		0.00		0.000	1.00		0.05	.23	1.25	L
							S		30.53	23.15	23.66	0.00	-0.21	1.03S		0.360						
PHP	AC	HHZ		126.0	68	91	P		29.93	22.55	21.42	0.00	0.13	0.78		0.099	1.00	9	2.24	D		
PHP	AC	HHN		126.0	68	91	6		0.00	-7.38	21.42	0.00		0.00		0.000	1.00		0.03	.25	1.41	L
							S		44.57	37.19	37.49	0.00	-0.30	1.03S		0.367						
SCTE	AC	HHZ		141.6	200	91	P		31.28	23.90	23.63	0.00	0.27	1.03		0.291						
SCTE	AC	HHE		141.6	200	91	S		48.52	41.14	41.35	0.00	-0.21	1.03S		0.605						
BCI	AC	HHZ		148.4	35	91	P		31.89	24.51	24.60	0.00	-0.09	1.03		0.414						
BCI	AC	HHN		148.4	35	91	S		48.27	40.89	43.05	0.00	-1.16*	0.00S		0.000						
NOCI	AC	HHZ		174.2	253	68	P		36.23	28.85	28.10	0.00	0.75*	1.03		0.313						
NOCI	AC	HHN		174.2	253	68	S		55.63	48.25	49.17	0.00	-0.92*	0.96S		0.528						
FNA	AC	HHZ		205.4	104	68	P		42.05	34.67	32.22	0.00	0.45	0.00		0.000						
IGT	AC	HHZ		223.1	149	68	P		42.11	34.73	34.57	0.00	0.16	1.03		0.808						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-06-29	1238	27.71	40	27.59	20E46.50	0.00	0.48	2.72	2.41	2.74		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
10	15	18.2	Atl	181	6	0	9	5	10	#	3.00	0.05	L
REGION= Floqi, Rajoni Korces (Floqi, 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		18.2	3	61	P		31.48	3.77	3.94	0.00	-0.17	1.08		0.423					
KBN	AC	HHE		18.2	3	61		6	0.00	-27.71	3.94	0.00		0.00		0.000	1.00	8.7	.50	2.74	L
							S		34.57	6.86	6.89	0.00	-0.03	1.08S		0.745					
LSK	AC	HHZ		37.6	204	61	P		35.16	7.45	7.69	0.00	-0.24	1.08		0.406					
LSK	AC	HHN		37.6	204	61		6	0.00	-27.71	7.69	0.00		0.00		0.000	1.00	5.8	.77	2.79	L
							S		40.28	12.57	13.46	0.00	-0.89*	0.87S		0.173					
SRN	AC	HHZ		92.2	226	51	P		45.09	17.38	17.10	0.00	0.28	1.08		0.278					
SRN	AC	HHE		92.2	226	51		6	0.00	-27.71	17.10	0.00		0.00		0.000	1.00	0.38	.54	2.22	L
							S		57.43	29.72	29.93	0.00	-0.20	1.08S		0.777					
IGT	AC	HHZ		109.9	201	51	P		48.12	20.41	20.14	0.00	0.27	1.08		0.253					
IGT	AC	HHE		109.9	201	51		S	63.82	36.11	35.24	0.00	0.87*	0.90S		0.297					
LKD2	AC	HHZ		185.8	184	46	P		58.52	30.81	32.77	0.00	-1.96*	0.00		0.000					
LKD2	AC	HHE		185.8	184	46		S	86.03	58.32	57.35	0.00	0.97*	0.75S		0.644					

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	06	29	1244	39.98	40 31.67	20E39.66	4.26	0.25	3.45	6.56	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
11	16	15.1	Atl	186	12	0	8	4	10		3.00	0.33	L
											0.00	0.00	D

REGION= Floqi, Rajoni Korces (Floqi, 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		15.1	45	100	P		43.21	3.23	3.17	0.00	0.06	1.00		0.390					
KBN	AC	HHN		15.1	45	100		6	0.00	-39.98	3.17	0.00		0.00		0.000	1.00	2.4	.10	2.14	L
							S		45.27	5.29	5.55	0.00	-0.26	1.00S		0.673					
LSK	AC	HHZ		42.3	188	62	P		46.55	6.57	8.05	0.00	-1.48*	0.00		0.000					
LSK	AC	HHN		42.3	188	62		6	0.00	-39.98	8.05	0.00		0.00		0.000	1.00	2.5	.46	2.47	L
							S		52.49	12.51	14.09	0.00	-1.58*	0.00S		0.000					
SRN	AC	HHZ		91.3	219	62	P		56.83	16.85	16.47	0.00	0.38	1.00		0.356					
SRN	AC	HHN		91.3	219	62		S	68.45	28.47	28.82	0.00	-0.35	1.00S		0.749					
SRN	AC	HHE		91.3	219	62		6	60.00	20.02	16.47	0.00		0.00		0.000	1.00	0.06	.40	1.41	L
							S														
IGT	AC	HHZ		114.2	195	62	P		60.42	20.44	20.40	0.00	0.04	1.00		0.428					
IGT	AC	HHE		114.2	195	62		S	75.42	35.44	35.70	0.00	-0.26	1.00S		0.444					
LKD2	AC	HHZ		193.1	181	55	P		73.63	33.65	33.38	0.00	0.27	1.00		0.167					
LKD2	AC	HHE		193.1	181	55		S	98.44	58.46	58.42	0.00	0.04	1.00S		0.790					



**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  
 2016-06-01 1841 44.70 41 13.96 21E 3.32 20.00 0.32 2.12 3.10 1.92 2.62 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  
 12 18 57.2 Atl 183 8 0 12 6 12 - 2.00 0.03 L 2.00 0.15 D  
 REGION= Maqedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
FNA	AC	HHZ		57.2	151	90	P		55.73	11.03	10.69	0.00	0.34	1.18		0.322			
FNA	AC	HHN		57.2	151	90	S		63.33	18.63	18.71	0.00	-0.08	1.18S		0.497			
KBN	AC	HHZ		71.3	199	90	P		58.99	14.29	12.94	0.00	0.35	0.64		0.058	1.00	17	2.47 D
KBN	AC	HHN		71.3	199	90		6	60.00	15.30	12.94	0.00		0.00		0.000	1.00		0.28 .25 1.94 L
							S		65.87	21.17	22.64	0.00	-0.48	0.45S		0.075			
PHP	AC	HHZ		71.8	315	90	P		57.06	12.36	13.02	0.00	-0.46	1.18		0.297	1.00	24	2.76 D
PHP	AC	HHN		71.8	315	90		6	60.00	15.30	13.02	0.00		0.00		0.000	1.00		0.25 .21 1.89 L
							S		66.46	21.76	22.78	0.00	-0.33	1.06S		0.217			
TIR	AC	HHZ		100.5	278	90	P		62.49	17.79	17.60	0.00	0.19	1.18		0.903			
TIR	AC	HHN		100.5	278	90	S		76.12	31.42	30.80	0.00	0.42	1.18S		0.507			
LSK	AC	HHZ		126.3	198	90	P		67.92	23.22	21.71	0.00	0.31	0.41		0.034			
LSK	AC	HHN		126.3	198	90	S		82.16	37.46	37.99	0.00	-0.43	1.18S		0.504			
BCI	AC	HHZ		150.3	328	90	P		70.21	25.51	25.55	0.00	-0.24	1.18		0.241			
BCI	AC	HHN		150.3	328	90	S		90.00	45.30	44.71	0.00	0.49	1.18S		0.340			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-06-03 0128 47.95 38 40.23 24E29.11 20.10 0.54 21.30 31.98 3.34 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  
 14 20 254.0 Atl 317 8 0 11 4 13 - 3.00 0.23 L 0.00 0.00 D  
 REGION= Deti Egje (Aegean Sea)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
THE	AC	HHZ		254.0	330	56	P		88.78	40.83	40.42	0.00	0.41	1.11		0.844			



TIR	AC	HHN	346.8	355	68	S	115.72	89.43	89.06	0.00	0.37	1.13S	0.149
PHP	AC	HHZ	383.1	2	68	P	81.21	54.92	55.70	0.00	-0.48	1.09	0.133
PHP	AC	HHN	383.1	2	68	S	124.05	97.76	97.47	0.00	0.29	1.13S	0.188
BCI	AC	HHZ	458.7	359	68	P	92.47	66.18	65.70	0.00	0.48	1.13	0.130
BCI	AC	HHN	458.7	359	68	S	140.90	114.61	114.97	0.00	-0.36	1.13S	0.164

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	06	04	2308	34.72	41 38.27	20E48.47	20.00	0.20	2.26	2.95	2.59	2.48	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
6	9	31.0	Atl	188	9	0	5	3	6	-	2.00	0.16 L	2.00 0.31 D

REGION= Macedonia (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC (TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
PHP	AC	HHN		31.0	280	90		6	0.00-34.72	6.51	0.00		0.00		0.000	1.00		0.49 .45 2.74 L
							S		45.82 11.10	11.39	0.00	-0.29	1.00S		0.792			
PHP	AC	HHZ		31.0	280	90	P		41.78 7.06	6.51	0.00	0.45	1.00		0.263	1.00	13 2.17 D	
BCI	AC	HHN		101.6	324	90		6	60.00 25.28	17.77	0.00		0.00		0.000	1.00		0.25 .51 2.43 L
							S		65.65 30.93	31.10	0.00	-0.17	1.00S		0.927			
BCI	AC	HHZ		101.6	324	90	P		57.31 22.59	17.77	0.00	0.42	0.00		0.000	1.00	24 2.79 D	
FNA	AC	HHN		106.6	152	90	S		67.04 32.32	32.50	0.00	-0.18	1.00S		0.618			
FNA	AC	HHZ		106.6	152	90	P		53.36 18.64	18.57	0.00	0.07	1.00		0.397			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	06	06	0935	10.06	39 24.29	20E31.69	0.00	0.56	1.48	4.23	3.15	3.43	3.4

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
11	15	22.1	Atl	145	6	0	9	4	10	#	3.00	0.20 L	3.00 0.18 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		22.1	310	61	P		14.64 4.58	4.70	0.00	-0.12	1.20		0.417			
IGT	AC	HHE		22.1	310	61	S		18.47 8.41	8.22	0.00	0.19	1.20S		0.462			
LKD2	AC	HHZ		69.3	170	51	P		23.98 13.92	13.16	0.00	0.76*	1.19		0.957			
SRN	AC	HHZ		69.5	320	51	P		22.62 12.56	13.21	0.00	-0.65*	1.20		0.203	1.00	49 3.25 D	
SRN	AC	HHE		69.5	320	51		6	0.00-10.06	13.21	0.00		0.00		0.000	1.00		1.21.00 2.52 L
							S		33.11 23.05	23.12	0.00	-0.07	1.20S		0.569			
LSK	AC	HHZ		82.9	4	51	P		24.74 14.68	15.51	0.00	-0.83*	1.17		0.432	1.00	60 3.43 D	
LSK	AC	HHE		82.9	4	51		6	0.00-10.06	15.51	0.00		0.00		0.000	1.00		3.81.00 3.15 L
							S		38.64 28.58	27.14	0.00	1.44*	0.40S		0.053			
FNA	AC	HHZ		169.4	25	46	P		38.46 28.40	30.16	0.00	-1.76*	0.07		0.001			



						S		113.49	75.57	75.29	0.00	0.28	1.12S	0.756					
PHP	AC	HHZ	325.8	203	51	P		88.01	50.09	50.13	0.00	-0.04	1.12	0.332					
PHP	AC	HHN	325.8	203	51		6	120.00	82.08	50.13	0.00		0.00	0.000	1.00		8.61.27	4.83	L
						S		128.44	90.52	87.73	0.00	0.79*	0.00S	0.000					
TIR	AC	HHZ	379.3	207	51	P		96.38	58.46	57.20	0.00	0.46	0.05	0.000					
TIR	AC	HHE	379.3	207	51		6	120.00	82.08	57.20	0.00		0.00	0.000	1.00		2.3 .95	4.43	L
						S		137.61	99.69	100.10	0.00	-0.41	1.12S	0.562					
FNA	AC	HHZ	405.4	187	51	P		98.68	60.76	60.65	0.00	0.11	1.12	0.598					
KBN	AC	HHZ	430.7	193	51	P		102.09	64.17	64.00	0.00	0.17	1.12	0.195					
KBN	AC	HHE	430.7	193	51		6	120.00	82.08	64.00	0.00		0.00	0.000	1.00		2.91.12	4.67	L
						S		150.04	112.12	112.00	0.00	0.12	1.12S	0.694					
LSK	AC	HHZ	485.6	194	51	P		109.30	71.38	71.26	0.00	0.12	1.12	0.195					
SRN	AC	HHZ	527.5	199	51	P		114.09	76.17	76.81	0.00	-0.64*	1.03	0.235					

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-06-11	0829	47.43	39	17.79	23E40.68	63.20	0.26	2.57	23.76	4.33		4.3

SOURCE

NSTA	NPBS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
9	13	280.6	Atl	327	12	0	7	4	9	-	4.00	0.07 L	0.00 0.00 D

REGION= Deti Egje (Aegean Sea)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
LSK	AC	HHZ	280.6	291	93	P		89.01	41.58	41.80	0.00	-0.22	1.14	0.361					
LSK	AC	HHE	280.6	291	93		6	120.00	72.57	41.80	0.00		0.00	0.000	1.00		4.9 .68	4.45	L
						S		120.84	73.41	73.15	0.00	0.26	1.14S	0.501					
KBN	AC	HHZ	287.7	302	93	P		89.92	42.49	42.73	0.00	-0.24	1.14	0.413					
KBN	AC	HHE	287.7	302	93		6	120.00	72.57	42.73	0.00		0.00	0.000	1.00		3.4 .72	4.32	L
						S		122.05	74.62	74.78	0.00	-0.16	1.14S	0.508					
SRN	AC	HHZ	322.6	283	93	P		95.22	47.79	47.35	0.00	0.44	1.14	0.488					
SRN	AC	HHN	322.6	283	93		6	120.00	72.57	47.35	0.00		0.00	0.000	1.00		1.7 .50	4.13	L
						S		130.06	82.63	82.86	0.00	-0.23	1.14S	0.782					
PHP	AC	HHZ	381.7	316	92	P		100.64	53.21	55.16	0.00	-0.95*	0.00	0.000					
PHP	AC	HHN	381.7	316	92		6	120.00	72.57	55.16	0.00		0.00	0.000	1.00		1.81.32	4.34	L
						S		144.10	96.67	96.53	0.00	0.14	1.14S	0.942					
BCI	AC	HHZ	457.2	320	92	P		111.23	63.80	65.15	0.00	-0.45	0.01	0.000					

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-06-11	1956	30.27	40	0.05	20E43.57	27.20	0.10	0.89	0.41	3.23	3.02	3.1

SOURCE

NSTA	NPBS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
14	20	19.8	Atl	255	7	0	12	6	14		6.00	0.28 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	
LSK	AC	HHZ		19.8	327	140	P		36.21	5.94	5.85	0.00	0.09	1.14	0.293	1.00	34	3.02 D	
LSK	AC	HHN		19.8	327	140		6	0.00-30.27	5.85	0.00		0.00		0.000	1.00		23 .63	3.45 L
							S		40.44	10.17	10.24	0.00	-0.07	1.14S	0.485				
SRN	AC	HHZ		63.5	259	105	P		41.71	11.44	11.87	0.00	-0.43	0.02	0.000	1.00	27	2.94 D	
SRN	AC	HHN		63.5	259	105		6	0.00-30.27	11.87	0.00		0.00		0.000	1.00		8.0 .20	3.31 L
							S		50.92	20.65	20.77	0.00	-0.12	1.14S	0.531				
KBN	AC	HHZ		69.4	4	103	P		43.08	12.81	12.78	0.00	0.03	1.14	0.247	1.00	32	3.09 D	
KBN	AC	HHN		69.4	4	103		6	0.00-30.27	12.78	0.00		0.00		0.000	1.00		2.5 .47	2.89 L
							S		52.59	22.32	22.36	0.00	-0.04	1.14S	0.368				
VLO	AC	HHZ		116.9	297	95	P		51.24	20.97	20.27	0.00	0.40	0.00	0.000				
VLO	AC	HHE		116.9	297	95		6	60.00	29.73	20.27	0.00		0.00	0.000	1.00		12 .37	3.92 L
							S		65.92	35.65	35.47	0.00	0.18	1.13S	0.539				
TIR	AC	HHZ		166.3	335	62	P		58.17	27.90	27.96	0.00	-0.06	1.14	0.160				
TIR	AC	HHN		166.3	335	62		6	60.00	29.73	27.96	0.00		0.00	0.000	1.00		0.46 .47	2.83 L
							S		79.08	48.81	48.93	0.00	-0.12	1.14S	0.385				
PHP	AC	HHZ		188.5	353	62	P		61.52	31.25	31.10	0.00	0.15	1.14	0.223				
PHP	AC	HHN		188.5	353	62		6	60.00	29.73	31.10	0.00		0.00	0.000	1.00		0.68 .75	3.14 L
							S		84.72	54.45	54.42	0.00	0.03	1.14S	0.318				
SCTE	AC	HHZ		192.9	274	56	P		62.01	31.74	31.71	0.00	0.03	1.14	0.410				
BCI	AC	HHZ		268.5	349	56	P		71.65	41.38	41.71	0.00	-0.33	0.42	0.033				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	06	14	1233	11.09	39 34.14	20E32.30	18.52	0.08	1.30	0.91	2.27	2.31	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
	7	11	57.6	At1	279	8	0	6	4	7	2.00	0.14 L	2.00 0.03 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	
SRN	AC	HHZ		57.6	307	101	P		22.28	11.19	10.73	0.00	0.46	0.00	0.000	1.00	14	2.28 D	
SRN	AC	HHE		57.6	307	101		6	0.00-11.09	10.73	0.00		0.00		0.000	1.00		0.68 .25	2.13 L
							S		29.78	18.69	18.78	0.00	-0.09	1.00S	0.749				
LSK	AC	HHZ		64.7	4	99	P		23.04	11.95	11.90	0.00	0.05	1.00	0.623	1.00	15	2.34 D	
LSK	AC	HHE		64.7	4	99		6	0.00-11.09	11.90	0.00		0.00		0.000	1.00		1.0 .46	2.40 L
							S		32.00	20.91	20.82	0.00	0.09	1.00S	0.530				
KBN	AC	HHN		119.0	10	71	S		47.11	36.02	36.10	0.00	-0.08	1.00S	0.824				
SCTE	AC	HHZ		186.0	289	71	P		42.33	31.24	31.31	0.00	-0.07	1.00	0.614				
SCTE	AC	HHN		186.0	289	71	S		65.99	54.90	54.79	0.00	0.11	0.99S	0.657				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-06-17 0524 46.36 39 17.30 20E14.78 1.05 0.22 1.71 2.42 2.59 2.95 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  
 10 15 27.9 At1 196 9 0 10 5 10 # 2.00 0.36 L 2.00 0.01 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		27.9	14	61	P		51.29	4.93	5.82	0.00	-0.39	0.76		0.232			
IGT	AC	HHN		27.9	14	61	S		55.77	9.41	10.18	0.00	-0.47	0.99S		0.304			
LKD2	AC	HHZ		65.9	147	51	P		57.70	11.34	12.57	0.00	-0.23	0.14		0.009			
LKD2	AC	HHN		65.9	147	51	S		68.75	22.39	22.00	0.00	0.39	1.20S		0.960			
SRN	AC	HHZ		69.0	343	51	P		59.38	13.02	13.11	0.00	-0.09	1.20		0.481	1.00	34	2.94 D
SRN	AC	HHN		69.0	343	51	S	6	60.00	13.64	13.11	0.00		0.00		0.000	1.00		0.62 .63 2.23 L
									69.29	22.93	22.94	0.00	-0.01	1.20S		0.774			
LSK	AC	HHZ		100.3	17	51	P		64.73	18.37	18.49	0.00	-0.12	1.20		0.316	1.00	34	2.96 D
LSK	AC	HHN		100.3	17	51	S	6	60.00	13.64	18.49	0.00		0.00		0.000	1.00		1.7 .51 2.94 L
									78.63	32.27	32.36	0.00	-0.09	1.20S		0.370			
KBN	AC	HHZ		155.3	17	46	P		75.08	28.72	27.90	0.00	0.32	0.90		0.131			
KBN	AC	HHN		155.3	17	46	S		95.39	49.03	48.83	0.00	0.20	1.20S		0.419			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-06-17 1500 34.64 38 9.14 19E46.41 7.88 0.28 2.02 2.36 3.47 3.5

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 14 19 104.6 At1 286 9 0 11 5 13 4.00 0.17 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
LKD2	AC	HHZ		104.6	47	91	P		54.23	19.59	18.63	0.00	0.46	0.38		0.069			
LKD2	AC	HHE		104.6	47	91	S		67.32	32.68	32.60	0.00	0.08	1.06S		0.632			
IGT	AC	HHZ		160.5	17	68	P		62.50	27.86	27.88	0.00	-0.02	1.06		0.178			
IGT	AC	HHN		160.5	17	68	S		83.00	48.36	48.79	0.00	-0.43	1.06S		0.317			
SRN	AC	HHZ		192.8	5	68	P		67.32	32.68	33.03	0.00	-0.35	1.06		0.253			
SRN	AC	HHN		192.8	5	68	S	6	60.00	25.36	33.03	0.00		0.00		0.000	1.00		1.0 .56 3.34 L
									92.87	58.23	57.80	0.00	0.43	1.06S		0.485			
LSK	AC	HHZ		232.9	17	50	P		73.75	39.11	38.94	0.00	0.17	1.06		0.267			
LSK	AC	HHE		232.9	17	50	S	6	60.00	25.36	38.94	0.00		0.00		0.000	1.00		2.2 .74 3.86 L
									102.94	68.30	68.14	0.00	0.15	1.06S		0.703			
SCTE	AC	HHZ		241.7	333	50	P		74.98	40.34	40.10	0.00	0.24	1.06		0.360			
SCTE	AC	HHN		241.7	333	50	S	6	60.00	25.36	40.10	0.00		0.00		0.000	1.00		0.49 .47 3.26 L
									104.72	70.08	70.17	0.00	-0.09	1.06S		0.463			







FNA	AC	HHZ	101.0	0	90	P	64.52	17.83	17.97	0.00	-0.14	1.20	0.398	1.00	26	2.74	D		
FNA	AC	HHN	101.0	0	90	S	78.40	31.71	31.45	0.00	0.26	1.20S	0.610						
SRN	AC	HHZ	119.8	271	90	P	68.89	22.20	21.21	0.00	0.99*	0.04	0.000						
SRN	AC	HHN	119.8	271	90		60.00	13.31	21.21	0.00		0.00	0.000	1.00		0.05	.18	1.55	L
						S	83.99	37.30	37.12	0.00	0.18	1.20S	0.620						
LKD2	AC	HHZ	136.3	209	90	P	70.04	23.35	24.05	0.00	-0.70*	0.61	0.164						
LKD2	AC	HHE	136.3	209	90	S	89.36	42.67	42.09	0.00	0.58*	0.95S	0.536						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	06	27	0649	15.01	37 58.09	21E39.91	16.42	0.81	14.75	10.48	2.92	3.24	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	
10	15	126.7	At1	321	14	0	9	4	10		1.00	0.00	L	1.00	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			
LKD2	AC	HHZ	126.7	317	71	P			36.67	21.66	21.96	0.00	-0.30	1.10		0.408	1.00	42	3.24	D		
LKD2	AC	HHN	126.7	317	71	S			53.52	38.51	38.43	0.00	0.08	1.10S		0.816						
IGT	AC	HHZ	208.8	327	57	P			50.35	35.34	34.83	0.00	0.51*	1.10		0.220						
IGT	AC	HHN	208.8	327	57	S			72.86	57.85	60.95	0.00	-3.10*	0.20S		0.011						
SRN	AC	HHZ	256.7	327	51	P			56.86	41.85	41.16	0.00	0.69*	1.10		0.406						
SRN	AC	HHN	256.7	327	51	S			85.87	70.86	72.03	0.00	-1.17*	1.10S		0.687						
LSK	AC	HHZ	259.2	340	51	P			56.86	41.85	41.49	0.00	0.36	1.10		0.222						
LSK	AC	HHE	259.2	340	51			6	60.00	44.99	41.49	0.00		0.00		0.000	1.00		0.19	.77	2.92	L
						S			88.75	73.74	72.61	0.00	1.13*	1.10S		0.622						
FNA	AC	HHZ	313.3	356	51	P			62.52	47.51	48.65	0.00	-1.14*	1.10		0.604						
FNA	AC	HHN	313.3	356	51	S			85.46	70.45	85.14	0.00	-14.69*	0.00S		0.000						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	06	28	1103	47.80	39 53.35	21E 4.42	31.53	0.99	2.01	3.01	3.77	

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
26	38	49.8	At1	135	21	0	23	9	26	#	3.00	0.00	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			
LSK	AC	HHZ	49.8	306	113	P			58.07	10.27	10.07	0.00	0.20	1.09		0.128						
LSK	AC	HHN	49.8	306	113	S			64.94	17.14	17.62	0.00	-0.48	1.09S		0.308						
IGT	AC	HHZ	75.1	239	100	P			60.79	12.99	13.82	0.00	-0.83*	1.09		0.117						
IGT	AC	HHN	75.1	239	100	S			73.08	25.28	24.18	0.00	1.10*	1.09S		0.209						
KBN	AC	HHZ	85.1	344	97	P			64.25	16.45	15.34	0.00	1.11*	1.09		0.100						

KBN	AC	HHN	85.1	344	97	S	74.25	26.45	26.84	0.00	-0.39	1.09S	0.222						
SRN	AC	HHZ	91.8	270	95	P	64.66	16.86	16.38	0.00	0.48	1.09	0.076						
SRN	AC	HHN	91.8	270	95		60.00	12.20	16.38	0.00		0.00	0.000	1.00		131.13		3.81	L
						S	74.67	26.87	28.66	0.00	-1.80*	1.03S	0.162						
FNA	AC	HHZ	102.5	14	93	P	65.63	17.83	18.03	0.00	-0.20	1.09	0.134						
FNA	AC	HHN	102.5	14	93	S	80.48	32.68	31.55	0.00	1.13*	1.09S	0.244						
LKD2	AC	HHZ	127.3	197	91	P	68.60	20.80	21.87	0.00	-1.07*	1.09	0.213						
LKD2	AC	HHN	127.3	197	91	S	86.45	38.65	38.27	0.00	0.38	1.09S	0.376						
VLO	AC	HHZ	149.0	297	66	P	76.10	28.30	25.20	0.00	3.10*	0.34	0.007						
VLO	AC	HHN	149.0	297	66	S	100.43	52.63	44.10	0.00	8.53*	0.00S	0.000						
THE	AC	HHZ	180.6	62	66	P	77.15	29.35	29.68	0.00	-0.33	1.09	0.219						
THE	AC	HHN	180.6	62	66	S	99.41	51.61	51.94	0.00	-0.33	1.09S	0.405						
TIR	AC	HHZ	191.5	329	58	P	81.87	34.07	31.16	0.00	2.91*	0.45	0.016						
TIR	AC	HHE	191.5	329	58		60.00	12.20	31.16	0.00		0.00	0.000	1.00		2.81.15		3.77	L
						S	110.06	62.26	54.53	0.00	7.73*	0.00S	0.000						
PHP	AC	HHZ	206.4	346	58	P	83.61	35.81	33.12	0.00	2.69*	0.59	0.028						
PHP	AC	HHN	206.4	346	58		60.00	12.20	33.12	0.00		0.00	0.000	1.00		2.3 .89		3.77	L
						S	104.17	56.37	57.96	0.00	-1.59*	1.07S	0.270						
SCTE	AC	HHZ	223.5	277	58	P	84.33	36.53	35.39	0.00	1.14*	1.09	0.107						
SCTE	AC	HHE	223.5	277	58	S	110.88	63.08	61.93	0.00	1.15*	1.09S	0.346						
NOCI	AC	HHZ	355.2	288	58	P	100.35	52.55	52.80	0.00	-0.25	1.09	0.102						
NOCI	AC	HHN	355.2	288	58	S	147.15	99.35	92.40	0.00	6.95*	0.00S	0.000						
MRVN	AC	HHZ	433.8	290	58	P	110.29	62.49	63.21	0.00	-0.72*	1.09	0.102						
SGRT	AC	HHZ	493.9	297	58	P	118.29	70.49	71.15	0.00	-0.66*	1.09	0.100						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2016-06-28 1327 19.46 39 49.13 21E 7.64 7.13 0.18 0.69 16.12 2.76 2.8

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
12 18 58.2 At1 189 10 0 10 4 12 - 3.00 0.06 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
LSK	AC	HHZ	58.2	310	91	P		30.33	10.87	10.64	0.00	0.23	1.17		0.227				
LSK	AC	HHE	58.2	310	91		6	0.00	-19.46	10.64	0.00		0.00		0.000	1.00		3.5 .68	2.82 L
							S	37.81	18.35	18.62	0.00	-0.27	1.17S		0.629				
IGT	AC	HHZ	75.5	246	90	P		32.46	13.00	13.62	0.00	-0.62*	0.35		0.023				
IGT	AC	HHE	75.5	246	90	S		43.18	23.72	23.83	0.00	-0.11	1.17S		0.501				
KBN	AC	HHZ	93.9	343	90	P		36.44	16.98	16.77	0.00	0.21	1.17		0.223				
KBN	AC	HHN	93.9	343	90		6	0.00	-19.46	16.77	0.00		0.00		0.000	1.00		0.60 .50	2.43 L
							S	48.81	29.35	29.35	0.00	0.00	1.17S		0.424				
SRN	AC	HHZ	96.7	275	90	P		36.78	17.32	17.24	0.00	0.08	1.17		0.225				
SRN	AC	HHN	96.7	275	90		6	0.00	-19.46	17.24	0.00		0.00		0.000	1.00		1.2 .57	2.76 L

						S		49.76	30.30	30.17	0.00	0.13	1.17S	0.694
FNA	AC	HHZ	109.1	11	90	P		38.63	19.17	19.37	0.00	-0.20	1.17	0.418
FNA	AC	HHE	109.1	11	90	S		54.22	34.76	33.90	0.00	0.86*	0.00S	0.000
LKD2	AC	HHZ	121.3	200	90	P		40.88	21.42	21.47	0.00	-0.05	1.17	0.627
LKD2	AC	HHE	121.3	200	90	S		57.76	38.30	37.57	0.00	0.73*	0.09S	0.005

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	06	28	0813 35.08	39 51.12	21E10.39	20.62	0.28	0.65	1.83	3.09	3.40	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
16	24	59.2	At1	142	11	0	14	8	16		2.00	0.04 L	2.00 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
LSK	AC	HHZ		59.2	305	90	P		46.08	11.00	11.00	0.00	0.00	1.20	0.116			
LSK	AC	HHN		59.2	305	90		6	0.00	-35.08	11.00	0.00	0.00	0.00	1.00		6.5 .47	3.13 L
							S		54.31	19.23	19.25	0.00	-0.02	1.20S	0.307			
IGT	AC	HHZ		80.6	245	90	P		48.14	13.06	14.42	0.00	-1.36*	0.00	0.000	1.00	46	3.33 D
IGT	AC	HHN		80.6	245	90	S		60.30	25.22	25.24	0.00	-0.01	1.20S	0.250			
KBN	AC	HHZ		91.8	340	90	P		50.94	15.86	16.20	0.00	-0.34	1.20	0.130			
KBN	AC	HHN		91.8	340	90	S		62.46	27.38	28.35	0.00	-0.97*	0.41S	0.035			
SRN	AC	HHZ		100.4	273	90	P		52.96	17.88	17.58	0.00	0.30	1.20	0.113			
SRN	AC	HHN		100.4	273	90		6	60.00	24.92	17.58	0.00	0.00	0.00	1.00		2.1 .56	3.05 L
							S		66.06	30.98	30.76	0.00	0.22	1.20S	0.260			
FNA	AC	HHZ		104.8	9	90	P		53.85	18.77	18.28	0.00	0.49	1.20	0.162			
FNA	AC	HHE		104.8	9	90	S		66.82	31.74	31.99	0.00	-0.25	1.20S	0.301			
LKD2	AC	HHZ		126.1	201	90	P		56.30	21.22	21.68	0.00	-0.46	1.20	0.279	1.00	52	3.47 D
LKD2	AC	HHN		126.1	201	90	S		73.10	38.02	37.94	0.00	0.08	1.20S	0.484			
THE	AC	HHZ		175.2	59	90	P		63.07	27.99	29.51	0.00	-1.52*	0.00	0.000			
THE	AC	HHN		175.2	59	90	S		86.90	51.82	51.64	0.00	0.18	1.20S	0.558			
SCTE	AC	HHZ		232.5	278	56	P		71.52	36.44	37.53	0.00	-1.09*	0.19	0.008			
SCTE	AC	HHN		232.5	278	56	S		100.78	65.70	65.68	0.00	0.02	1.20S	0.991			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	06	29	0523 49.45	39 4.04	20E 5.12	7.22	0.07	1.35	1.67	2.49	2.72	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
8	12	55.7	At1	235	14	0	7	4	8	-	2.00	0.36 L	2.00 0.17 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
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IGT	AC	HHN	55.7	22	91	S	67.30	17.85	17.85	0.00	0.00	1.13S	0.816							
IGT	AC	HHZ	55.7	22	91	P	59.65	10.20	10.20	0.00	0.00	1.13	0.249							
LKD2	AC	HHN	58.5	121	91	S	68.04	18.59	18.71	0.00	-0.12	1.13S	0.712							
LKD2	AC	HHZ	58.5	121	91	P	60.25	10.80	10.69	0.00	0.11	1.13	0.556							
SRN	AC	HHN	90.5	356	90		60.00	10.55	16.21	0.00		0.00	0.000	1.00			0.32	.20	2.13	L
						S	77.73	28.28	28.37	0.00	-0.09	1.13S	0.654							
SRN	AC	HHZ	90.5	356	90	P	67.10	17.65	16.21	0.00	0.44	0.00	0.000	1.00	21		2.55		D	
LSK	AC	HHN	128.0	19	90		60.00	10.55	22.62	0.00		0.00	0.000	1.00			0.89	.30	2.85	L
						S	89.11	39.66	39.58	0.00	0.08	1.13S	0.974							
LSK	AC	HHZ	128.0	19	90	P	71.61	22.16	22.62	0.00	-0.46	0.24	0.036	1.00	30		2.88		D	

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	06	30	1707	53.67	40	0.50	21E31.13	4.01	0.87	0.27	0.04	2.79	2.8

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
16	24	80.0	At1	267	11	0	14	7	16	#	0.00	0.00	L 3.00 0.04 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		80.0	282	51	P		66.60	12.93	15.01	0.00	-0.08*	0.50		0.043	1.00	27	2.75	D
LSK	AC	HHN		80.0	282	51	S		78.81	25.14	26.27	0.00	-0.13*	1.11S		0.337				
KBN	AC	HHZ		92.4	318	51	P		70.29	16.62	17.13	0.00	-0.51*	1.12		0.247	1.00	28	2.79	D
KBN	AC	HHN		92.4	318	51	S		83.10	29.43	29.98	0.00	-0.55*	1.12S		0.320				
IGT	AC	HHZ		114.8	243	51	P		74.35	20.68	20.99	0.00	-0.31	1.12		0.313				
IGT	AC	HHN		114.8	243	51	S		90.82	37.15	36.73	0.00	0.42	1.12S		0.540				
SRN	AC	HHZ		130.6	265	51	P		76.06	22.39	23.69	0.00	-0.30*	1.08		0.195				
SRN	AC	HHN		130.6	265	51	S		94.08	40.41	41.46	0.00	-0.05*	1.12S		0.304				
VLO	AC	HHZ		179.6	288	46	P		88.61	34.94	31.79	0.00	0.15*	0.00		0.000				
VLO	AC	HHE		179.6	288	46	S		112.34	58.67	55.63	0.00	0.04*	0.00S		0.000				
TIR	AC	HHZ		204.1	318	46	P		89.97	36.30	35.70	0.00	0.60*	1.12		0.171				
TIR	AC	HHN		204.1	318	46	S		115.51	61.84	62.48	0.00	-0.64*	1.12S		0.212				
PHP	AC	HHZ		207.2	335	46	P		88.85	35.18	36.18	0.00	-0.00*	1.12		0.216	1.00	26	2.83	D
PHP	AC	HHN		207.2	335	46	S		117.77	64.10	63.32	0.00	0.78*	1.12S		0.249				
BCI	AC	HHZ		288.8	336	37	P		102.15	48.48	47.46	0.00	0.02*	1.12		0.258				
BCI	AC	HHN		288.8	336	37	S		135.72	82.05	83.06	0.00	-0.00*	1.12S		0.589				

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

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	06	26	1124	27.36							6.4	Kyrgyzstan
GAP=					hor.err=			ver.err=				

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
LSK	AC	iP		1124	47.18					
FNA	AC	iP		1124	49.84					
SRN	AC	iP		1124	50.11					
IGT	AC	iP		1124	47.07					
TIR	AC	iP		1124	54.98					
PHP	AC	iP		1124	52.30					
SCTE	AC	iP		1124	63.68					
BCI	AC	iP		1124	46.69					

**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	06	08	2351	33.16								PHP
GAP=					hor.err=			ver.err=				

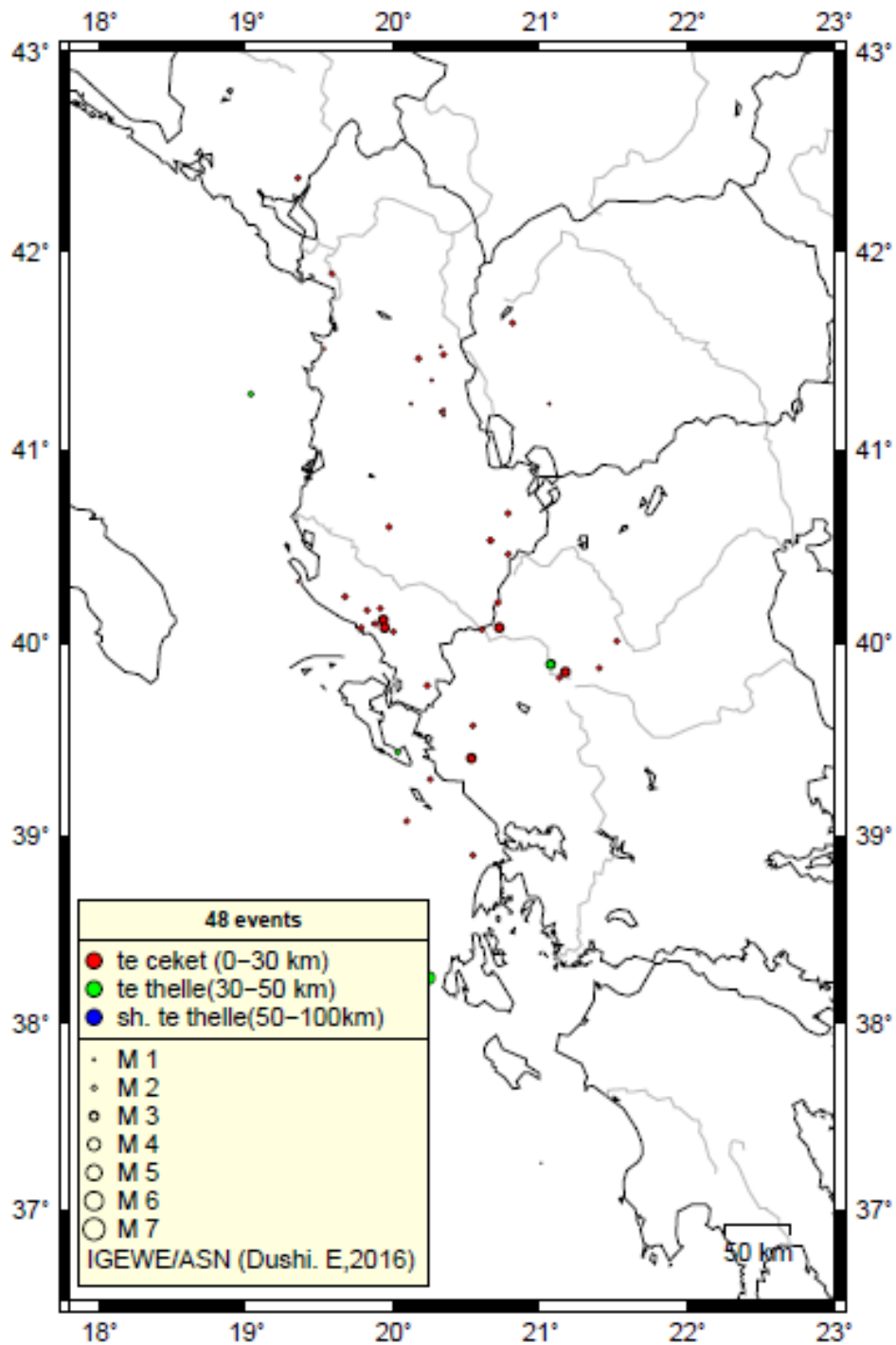
STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		2351	33.16					
PHP	SE	ISG		2351	36.61					

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	06	09	0007	51.10								PHP
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		0007	51.10							
PHP	SE	ISG		0007	54.63							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	06	09	0048	24.20								PHP
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		0048	24.20							
PHP	SE	ISG		0048	27.89							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	06	09	0125	31.57								PHP
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		0125	31.57							
PHP	SE	ISG		0125	35.08							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	06	09	0247	42.45								PHP
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG		0247	42.45							
PHP	SE	ISG		0247	45.81							



**-Fig. 3 -**

Harta e shpërndarjes në hapësirë të epiqendrave, në përputhje me magnitudë (madhësia e simbolit) dhe thellësinë (ngjyra e simbolit); Ngjarjet janë lokalizuar gjatë muajit Qershor 2016, bazuar në regjistrimet e ASN dhe stacioneve sizmologjike në rajon.  
(*Epicentral map for located seismicity within Albania and surrounding during June 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 <sub>0</sub> -43 <sub>0</sub> V; 18.5 <sub>0</sub> -21.5 <sub>0</sub> L)	[total recorded number of seismic events]	43
Numuri i ngjarjeve sizmike brenda kufirit shtetëror	[earthquakes occurred within state border]	31
Thellësia mesatare e vrojtuar (km)	[mean observed depth]	14
Thellësia maksimale e vrojtuar (km)	[maximum observed depth]	42
Magnituda lokale minimale e vrojtuar (M <sub>Ld</sub> )	[minimum observed local magnitude]	1.5
Magnituda lokale maksimale e vrojtuar (M <sub>Ld</sub> )	[maximum observed local magnitude]	3.8
Intensiteti maksimal i vrojtuar (MSK-64)	[maximum observed intensity]	

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