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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 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 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)**

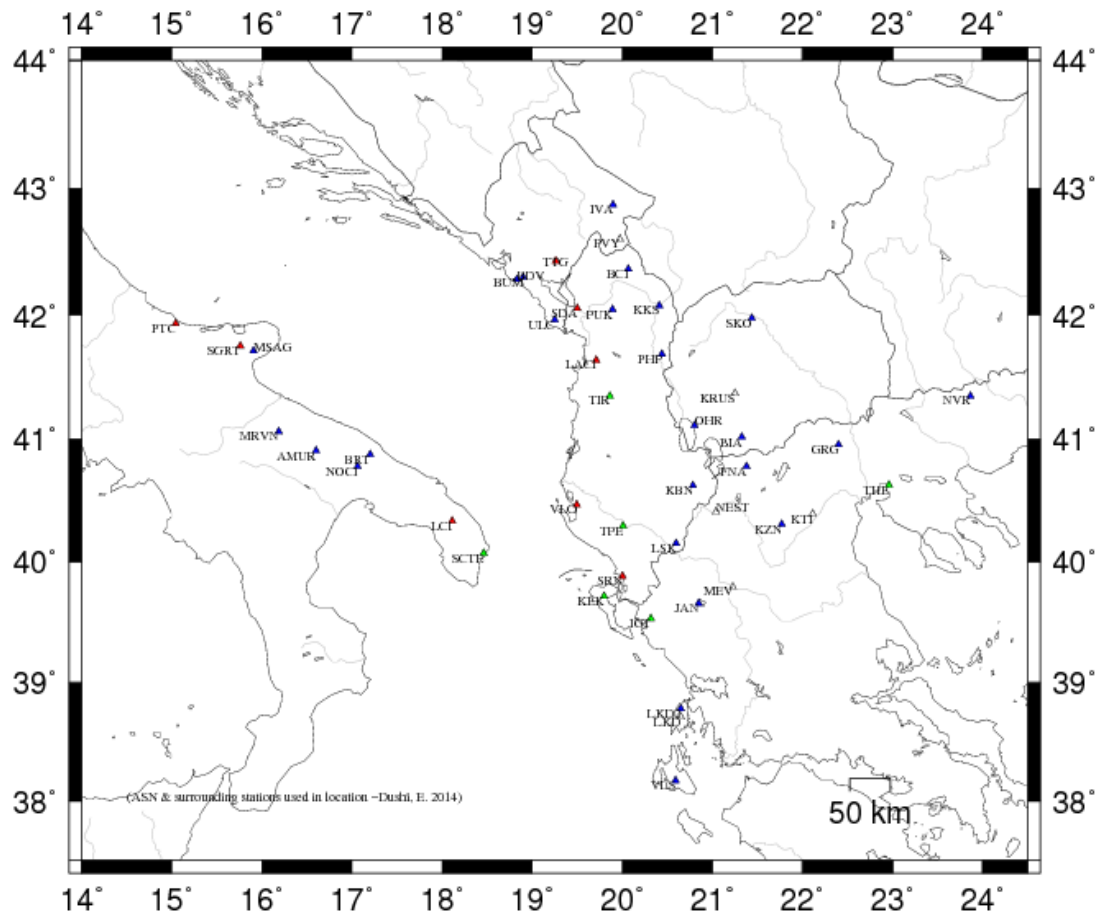
Kodi	Regjistruar (Po/Jo)	Gjer. Gjeo.	Gjat. Gjeo.	Lartesia	Tipi i stacionit	Sensori	Terheqja e Informacionit	Komunikimi	T <sub>0</sub>
Station Code	Registered (WDC)	Latitude (degree)	Longitude (degree)	Elev. (m)	Station type	Sensor type	Acquisition system	Communication	Nat.l Period (s)
MEV	Po (Y)	39.7850	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 terminlogjisë 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 epiqendër), [ <i>horizontal location error, approximately equal to the major epicenter's error ellipse</i> ].
ERZ	Gabimi në thellësi, [ <i>Defined as the largest projections of the three principal errors on a vertical line</i> ].
XMAG	Magnituda primare bazuar në amplitudë [ <i>Primary weighted median amplitude magnitude</i> ].
FMAG	Magnituda primare bazuar në zgjatshmërinë e sinjalit [ <i>Primary weighted median coda magnitude</i> ].
PMAG	Magnituda e përzgjedhur si përfaqësuese, për ngjarjen e lokalizuar [ <i>preferred magnitude selected by PRE command, as representative of available magnitudes ML and Md</i> ].
NSTA	Numuri i stacioneve të përdorur në lokalizim [ <i>the number of stations read for this event</i> ].
NPHS	Numuri i fazave të përdorura [ <i>Number of used phases in location</i> ].
DMIN	Distanca hypoqender-stacioni më i afërt [ <i>distance to the nearest station</i> ].
MODEL	Modeli shpejtësior i përdorur [ <i>velocity crustal model code</i> ].
GAP	Shmangia maksimale, këndore, ndërmjet stacioneve të përdorur [ <i>the largest azimuthal gap between azimuthally adjacent stations</i> ].
ITR	Numri i iteracioneve për zgjidhje [ <i>number of iterations required for the solution</i> ].
NFM	Numri i hyrjeve të para P [ <i>number of P first motions reported</i> ].
NWR	Numri i fazave P & S me peshë statistikore > 0.1 [ <i>number of P &amp; S readings with weights &gt; 0.1</i> ].
NWS	Numri i fazave S me peshë statistikore > 0.1 [ <i>number of S-phases with weights &gt; 0.1</i> ].
NVR	Numri i fazave P & S, të vlefshme për lokalizim [ <i>number of P &amp; S phases valid for location, assigned weights &gt; 0</i> ].
REMARKS	Kodi (3 karaktere) i rajonit (region code), bazuar në lokalizim dhe thellësinë e vlerësuar; kodi (1 karakter) për të karakterizuar ngjarjen: F – e ndjerë (felt), Q/ B – shpërthime sipërfaqësore në karriera (quarry blasts), R/N – shpërthime në thellësi (explosions), T – vibrime (tremors) dhe L – kontraktimet me period të gjatë (long period tidal waves); # - problem me konvergimin e zgjidhjes së përfutur në mënyrë iterative [ <i>convergence problems</i> ], ose zgjidhje e pa pranueshme me RMS të lartë; (-) – tregon se thellësia është fiksuar [ <i>fixed depth solution</i> ]; X – lokalizimi i fiksuar për të rritur performancën në llogaritjen e thellësisë [ <i>fixed location solution</i> ].
AVH	Shënime për statusin [ <i>status remarks</i> ].
N.XMG	Numri i magnitudave bazuar në amplitudë [ <i>number of primary amplitude based magnitudes</i> ].
X.MMAD	Gabimi i bërë në vlerësimin e ML [ <i>weighted median absolute difference for the primary amplitude magnitudes</i> ].
T	Kodi i identifikimit për magnitudën XMAG1 [ <i>label code for XMAG1</i> ].
N.FMAG	Numri i magnitudave, bazuar në zgjatshmërinë e sinjalit [ <i>number of primary coda magnitudes</i> ].
FMMAD	Gabimi i bërë në vlerësimin e Md [ <i>weighted median absolute difference for the primary coda magnitudes</i> ].
T	Kodi i identifikimit për magnitudën FMAG1 [ <i>label code for FMAG1</i> ].

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

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

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

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

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

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

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-03-05 2003 16.56 39 59.70 20E 8.58 11.78 0.44 0.82 1.74 2.41 2.56 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 17.6 At1 96 15 0 14 6 16 3.00 0.15 L 3.00 0.15 D  
 REGION= 5 km V-L të Delvinës, Rajoni Delvinë (5km N-E of Delvina, Delvina 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	HHN		17.6	224	118	S		23.15	6.59	6.89	0.00	-0.30	1.20S		0.560			
SRN	AC	HHZ		17.6	224	118	P		20.34	3.78	3.94	0.00	-0.16	1.20		0.249	1.00	21	2.41 D
SRN	AC	HHE		17.6	224	118		6	0.00-16.56	3.94	0.00			0.00		0.000	1.00		7.3 .14 2.74 L
LSK	AC	HHE		42.5	65	99		6	0.00-16.56	8.02	0.00			0.00		0.000	1.00		2.0 .40 2.41 L
							S		31.21	14.65	14.03	0.00	0.22	1.20S		0.441			
LSK	AC	HHN		42.5	65	99	P		24.44	7.88	8.02	0.00	-0.14	1.20		0.168	1.00	22	2.56 D
IGT	AC	HHE		53.9	162	97	S		36.09	19.53	17.41	0.00	0.12	0.00S		0.000			
IGT	AC	HHZ		53.9	162	97	P		26.45	9.89	9.95	0.00	-0.06	1.20		0.196			
VLO	AC	HHE		76.2	314	94	S		41.30	24.74	24.08	0.00	0.66*	1.20S		0.635			
VLO	AC	HHZ		76.2	314	94	P		32.03	15.47	13.76	0.00	0.71*	0.14		0.003			
KBN	AC	HHE		88.7	37	94		6	0.00-16.56	15.91	0.00			0.00		0.000	1.00		0.44 .69 2.26 L
							S		44.73	28.17	27.84	0.00	0.33	1.20S		0.282			
KBN	AC	HHZ		88.7	37	94	P		31.96	15.40	15.91	0.00	-0.41	1.20		0.132	1.00	29	2.84 D
FNA	AC	HHE		136.9	49	68	S		56.86	40.30	41.74	0.00	-0.44	0.45S		0.057			
FNA	AC	HHZ		136.9	49	68	P		39.78	23.22	23.85	0.00	-0.43	1.20		0.187			
LKD2	AC	HHN		141.0	161	68	S		59.98	43.42	42.91	0.00	0.41	1.20S		0.548			
LKD2	AC	HHZ		141.0	161	68	P		41.24	24.68	24.52	0.00	0.16	1.20		0.246			
PHP	AC	HHN		189.3	7	68	S		71.11	54.55	56.38	0.00	-0.83*	0.05S		0.001			
PHP	AC	HHZ		189.3	7	68	P		48.59	32.03	32.22	0.00	-0.19	1.20		0.288			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-03-06 0221 18.86 41 16.41 20E16.65 20.00 0.49 1.28 2.48 2.54 2.71 2.5

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 16 24 47.7 At1 135 10 0 14 7 16 - 3.00 0.06 L 2.00 0.07 D  
 REGION= 9km V të Librazhdit, Rajoni Librazhdit (9km N 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	35.5	284	90	P	22.60	3.74	7.23	0.00	-0.49	0.00	0.003	1.00	22	2.64	D					
TIR	AC	HHE	35.5	284	90		6	0.00	-18.86	7.23	0.00		0.00	0.000	1.00				2.9	.30	2.54	L
						S		26.65	7.79	12.65	0.00	-0.26	0.00S	0.000								
PHP	AC	HHZ	47.7	16	90	P	27.41	8.55	9.17	0.00	-0.22	1.05	0.175	1.00	25	2.78	D					
PHP	AC	HHN	47.7	16	90		6	0.00	-18.86	9.17	0.00		0.00	0.000	1.00				1.2	.15	2.25	L
						S		34.58	15.72	16.05	0.00	-0.33	1.05S	0.316								
KBN	AC	HHZ	84.0	149	90	P	32.23	13.37	14.96	0.00	-0.59*	0.32	0.993									
KBN	AC	HHN	84.0	149	90		6	0.00	-18.86	14.96	0.00		0.00	0.000	1.00				1.0	.69	2.60	L
						S		44.76	25.90	26.18	0.00	-0.28	1.05S	0.234								
FNA	AC	HHZ	107.9	120	90	P	36.92	18.06	18.77	0.00	-0.41	1.05	0.163									
FNA	AC	HHN	107.9	120	90	S	52.36	33.50	32.85	0.00	0.35	1.05S	0.408									
VLO	AC	HHZ	111.1	217	90	P	38.46	19.60	19.28	0.00	0.32	1.05	0.190									
VLO	AC	HHE	111.1	217	90	S	51.99	33.13	33.74	0.00	-0.41	1.05S	0.393									
BCI	AC	HHZ	122.7	352	90	P	40.17	21.31	21.13	0.00	0.18	1.05	0.191									
BCI	AC	HHN	122.7	352	90	S	56.57	37.71	36.98	0.00	0.73*	1.05S	0.338									
LSK	AC	HHN	127.7	167	90	P	40.67	21.81	21.93	0.00	-0.12	1.05	0.094									
LSK	AC	HHE	127.7	167	90	S	57.66	38.80	38.38	0.00	0.42	1.05S	0.174									
SRN	AC	HHZ	156.5	189	90	P	45.72	26.86	26.53	0.00	0.33	1.05	0.117									
SRN	AC	HHE	156.5	189	90	S	65.45	46.59	46.43	0.00	0.16	1.05S	0.203									

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2016-03-06 0534 56.15 40 18.28 19E18.89 12.00 0.32 1.73 2.42 2.26 2.61 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  
15 22 23.8 Atl 257 8 0 13 7 14 - 4.00 0.22 L 3.00 0.13 D  
REGION= 12km P të Orikumit, Rajoni Vlorës (12km W of Orikumi, Vloora 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		23.8	40	90	P		59.47	3.32	5.36	0.00	-0.44	0.00		0.117	1.00	18	2.41	D			
VLO	AC	HHN		23.8	40	90	S		65.19	9.04	9.38	0.00	-0.34	1.09S		0.318							
VLO	AC	HHE		23.8	40	90		6	60.00	3.85	5.36	0.00		0.00		0.000	1.00			6.1	.10	2.80	L
SRN	AC	HHZ		75.1	128	90	P		69.35	13.20	13.55	0.00	-0.35	1.09		0.833	1.00	20	2.61	D			
SRN	AC	HHE		75.1	128	90		6	60.00	3.85	13.55	0.00		0.00		0.000	1.00			0.21	.36	1.84	L
							S		80.00	23.85	23.71	0.00	0.14	1.09S		0.284							
LSK	AC	HHN		110.6	98	90	P		75.79	19.64	19.21	0.00	0.43	1.09		0.120							
LSK	AC	HHE		110.6	98	90		6	60.00	3.85	19.21	0.00		0.00		0.000	1.00			0.28	.56	2.24	L
							S		89.89	33.74	33.62	0.00	0.12	1.09S		0.375							
IGT	AC	HHZ		122.1	134	90	P		77.32	21.17	21.04	0.00	0.13	1.09		0.348							
IGT	AC	HHN		122.1	134	90	S		92.45	36.30	36.82	0.00	-0.42	1.04S		0.276							
KBN	AC	HHZ		129.8	73	90	P		78.31	22.16	22.27	0.00	-0.11	1.09		0.118	1.00	22	2.74	D			
KBN	AC	HHN		129.8	73	90		6	60.00	3.85	22.27	0.00		0.00		0.000	1.00			0.22	.98	2.27	L
							S		95.37	39.22	38.97	0.00	0.25	1.09S		0.384							
PHP	AC	HHZ		180.2	31	90	P		87.08	30.93	30.30	0.00	0.63*	0.91		0.274							

PHP	AC	HHN	180.2	31	90	S	108.90	52.75	53.02	0.00	-0.28	1.09S	0.343
FNA	AC	HHZ	183.1	72	90	P	87.11	30.96	30.77	0.00	0.19	1.09	0.120
FNA	AC	HHN	183.1	72	90	S	108.97	52.82	53.85	0.00	-1.03*	0.12S	0.004

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-03-08	0059	46.05	42	1.43	20E14.83	10.80	0.16	0.82	0.72	2.87	2.90	2.9

SOURCE

NSTA	NPBS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
15	20	40.9	Atl	177	7	0	10	5	13		5.00	0.14 L	4.00 0.15 D

REGION=Thirre, 15km J-P të Kukësit, Rajoni Vlorës (Thirre, 15km S-W 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		
BCI	AC	HHZ		40.9	339	98	P		53.93	7.88	7.71	0.00	0.17	1.00		0.345	1.00	34	2.92 D	
BCI	AC	HHN		40.9	339	98		6	0.00-46.05	7.71	0.00		0.00		0.000	1.00		9.6 .43	3.06 L	
							S		59.57	13.52	13.49	0.00	0.03	1.00S		0.595				
BCI	AC	HHE		40.9	339	98		6	60.00	13.95	7.71	0.00	0.00		0.000	1.00		8.6 .37	3.01 L	
PHP	AC	HHZ		41.0	156	98	P		53.58	7.53	7.73	0.00	-0.20	1.00		0.293	1.00	24	2.62 D	
PHP	AC	HHN		41.0	156	98		6	0.00-46.05	7.73	0.00		0.00		0.000	1.00		4.9 .20	2.77 L	
							S		59.69	13.64	13.53	0.00	0.11	1.00S		0.609				
TIR	AC	HHZ		81.6	204	93	P		60.54	14.49	14.67	0.00	-0.18	1.00		0.254	1.00	31	2.88 D	
TIR	AC	HHN		81.6	204	93		6	60.00	13.95	14.67	0.00		0.00		0.000	1.00		0.66 .30	2.38 L
							S		71.86	25.81	25.67	0.00	0.14	1.00S		0.756				
KBN	AC	HHZ		161.9	163	68	P		73.90	27.85	27.92	0.00	-0.07	1.00		0.152	1.00	41	3.19 D	
KBN	AC	HHN		161.9	163	68		S	95.07	49.02	48.86	0.00	0.16	1.00S		0.275				
KBN	AC	HHE		161.9	163	68		6	60.00	13.95	27.92	0.00	0.00		0.000	1.00		0.55 .60	2.87 L	
FNA	AC	HHZ		167.5	145	68	P		73.76	27.71	28.81	0.00	-0.10	0.00		0.000				
LSK	AC	HHN		210.2	171	55	P		83.01	36.96	35.55	0.00	0.41	0.00		0.000				
LSK	AC	HHE		210.2	171	55		S	108.39	62.34	62.21	0.00	0.13	1.00S		0.462				
SRN	AC	HHZ		239.0	186	50	P		85.21	39.16	39.42	0.00	-0.26	1.00		0.253				
IGT	AC	HHZ		276.9	178	50	P		89.40	43.35	44.43	0.00	-0.38	0.00		0.000				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-03-09	2305	41.36	42	13.20	19E35.83	7.00	0.05	1.47	2.28	1.44	2.28	1.5

SOURCE

NSTA	NPBS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
5	8	42.1	Atl	261	8	0	4	3	5	-	2.00	0.09 L	1.00 0.00 D

REGION= 13km L të Koplikut, Rajoni Shkodër (13km E of Kopliku, Shkodra Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC (TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T	
BCI	AC	HHZ		42.1	67	90	P		49.58	8.22	8.28	0.00	-0.06	1.00		0.716	1.00	14	2.28 D

BCI	AC	HHN	42.1	67	90		6	0.00-41.36	8.28	0.00		0.00	0.000	1.00		0.25	.41	1.53	L
						S		55.91 14.55 14.49	0.00	0.06	1.00S	0.666							
PHP	AC	HHZ	91.8	130	90		P	58.29 16.93 16.21	0.00	0.72*	0.00	1.000							
PHP	AC	HHN	91.8	130	90		6	60.00 18.64 16.21	0.00		0.00	0.000	1.00		0.05	.15	1.35	L	
						S		69.68 28.32 28.37	0.00	-0.05	1.00S	0.789							
TIR	AC	HHE	99.4	166	90		S	71.89 30.53 30.49	0.00	0.04	1.00S	0.828							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-03-10	1925	54.44	41	12.07	20E25.10	20.00	0.04	0.62	1.88	1.81	2.50	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	49.1	Atl	171	8	0	5	3	6	-	2.00	0.20	L	2.00	0.00	D

REGION= Ostren, Rajoni Peshkopi (Ostren, Peshkopia 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	49.1	290	90		P	63.82	9.38	9.40	0.00	-0.02	1.00		0.477	1.00	18	2.50	D		
TIR	AC	HHN	49.1	290	90		S	70.89	16.45	16.45	0.00	0.00	1.00S	0.646							
TIR	AC	HHE	49.1	290	90		6	60.00	5.56	9.40	0.00		0.00	0.000	1.00			0.26	.30	1.61	L
PHP	AC	HHZ	53.7	1	90		P	64.64	10.20	10.14	0.00	0.06	1.00	0.880	1.00	18	2.50	D			
PHP	AC	HHN	53.7	1	90		6	60.00	5.56	10.14	0.00		0.00	0.087	1.00			0.57	.18	2.00	L
						S		72.13	17.69	17.74	0.00	-0.06	1.00S	0.949							
FNA	AC	HHZ	93.6	119	90		P	71.22	16.78	16.50	0.00	0.28	0.00	0.000							
FNA	AC	HHN	93.6	119	90		S	83.31	28.87	28.88	0.00	-0.01	1.00S	0.960							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-03-12	0731	8.44	40	7.00	19E58.70	8.00	0.29	0.56	2.31	2.40	2.37	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	
15	22	56.7	Atl	111	12	0	12	6	14	-	3.00	0.28	L	2.00	0.05	D

REGION= Zhulat , 11km P të Gjirokastrës, Rajoni Gjirokastër (Zhulat, 11km W 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		
SRN	AC	HHZ	26.3	175	90		P	13.16	4.72	5.77	0.00	-0.25	0.06	0.070	1.00	16	2.32	D			
SRN	AC	HHN	26.3	175	90		S	17.38	8.94	10.10	0.00	-0.16	0.01S	0.000							
SRN	AC	HHE	26.3	175	90		6	0.00	-8.44	5.77	0.00		0.00	0.000	1.00			2.4	.11	2.40	L
VLO	AC	HHE	56.7	314	90		6	0.00	-8.44	10.61	0.00		0.00	0.060	1.00			2.5	.30	2.68	L
						S		27.18	18.74	18.57	0.00	0.17	1.25S	0.447							
VLO	AC	HHZ	56.7	314	90		P	19.04	10.60	10.61	0.00	-0.01	1.25	0.193	1.00	16	2.41	D			
IGT	AC	HHZ	71.6	155	90		P	21.14	12.70	12.99	0.00	-0.29	1.25	0.240							

IGT	AC	HHE	71.6	155	90	S			31.13	22.69	22.73	0.00	-0.04	1.25S	0.480						
KBN	AC	HHZ	88.8	50	90	P			23.69	15.25	15.74	0.00	-0.49	1.21	0.147						
KBN	AC	HHE	88.8	50	90		6		0.00	-8.44	15.74	0.00		0.00	0.000	1.00		0.22	.74	1.97	L
						S			36.06	27.62	27.55	0.00	0.07	1.25S	0.332						
SCTE	AC	HHZ	128.8	269	90	P			30.70	22.26	22.11	0.00	0.15	1.25	0.888						
SCTE	AC	HHN	128.8	269	90	S			46.89	38.45	38.69	0.00	-0.24	1.25S	0.434						
FNA	AC	HHZ	140.2	57	90	P			32.72	24.28	23.94	0.00	0.34	1.25	0.155						
FNA	AC	HHE	140.2	57	90	S			50.23	41.79	41.89	0.00	-0.10	1.25S	0.324						
LKD2	AC	HHZ	158.6	158	90	P			35.93	27.49	26.86	0.00	0.63*	1.01	0.160						
LKD2	AC	HHN	158.6	158	90	S			56.29	47.85	47.00	0.00	0.85*	0.45S	0.062						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	03	13	2149 48.03	41 41.24	20E 0.20	3.00	0.17	0.83	1.03	2.67	2.53	2.7

SOURCE

NSTA	NPMS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X		
	8	12	36.4	Atl	166	10	0	7	3	8	-	3.00	0.24	L	3.00	0.06	D
REGION= 7km V të Burrelit, Rajoni Burrelit (7km N of Burreli, Burreli 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		36.4	90	90	P		55.34	7.31	7.38	0.00	-0.07	1.02		0.293	1.00	18	2.47	D			
PHP	AC	HHN		36.4	90	90		6	60.00	11.97	7.38	0.00		0.00		0.000	1.00			6.7	.15	2.91	L
							S		61.54	13.51	12.91	0.00	0.49	0.00S		0.000							
TIR	AC	HHZ		39.5	198	90	P		55.64	7.61	7.86	0.00	-0.25	0.95		0.319	1.00	19	2.53	D			
TIR	AC	HHN		39.5	198	90		6	60.00	11.97	7.86	0.00		0.00		1.000	1.00			0.96	.47	2.09	L
							S		61.96	13.93	13.75	0.00	0.18	1.02S		0.660							
BCI	AC	HHZ		75.6	4	90	P		61.43	13.40	13.63	0.00	-0.23	0.99		0.336	1.00	21	2.65	D			
BCI	AC	HHE		75.6	4	90		6	60.00	11.97	13.63	0.00		0.00		0.000	1.00			1.4	.47	2.67	L
							S		72.10	24.07	23.85	0.00	0.22	0.99S		0.597							
FNA	AC	HHZ		153.3	130	90	P		74.17	26.14	26.02	0.00	0.12	1.02		0.222							
FNA	AC	HHE		153.3	130	90	S		93.54	45.51	45.53	0.00	-0.02	1.02S		0.569							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	03	14	1500 25.44	40 10.76	20E42.03	10.00	0.27	1.59	2.51	2.06	2.52	2.5

SOURCE

NSTA	NPMS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X		
	11	16	9.3	Atl	164	7	0	8	3	10	-	3.00	0.01	L	3.00	0.03	D
REGION= Gërmenj, Rajoni Leskovik (Gërmenj, 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		9.3	250	90	P		27.93	2.49	3.05	0.00	-0.26	1.00		0.181	1.00	10	1.84	D			
LSK	AC	HHN		9.3	250	90	S		29.70	4.26	5.34	0.00	-0.38	0.02S		0.000							

LSK	AC	HHE	9.3	250	90	6	0.00-25.44	3.05	0.00	0.00	0.000	1.00	64	.10	3.73	L	
KBN	AC	HHZ	49.9	8	90	P	35.05	9.61	9.52	0.00	0.09	1.14	0.207	1.00	19	2.55	D
KBN	AC	HHE	49.9	8	90	6	0.00-25.44	9.52	0.00	0.00	0.000	1.00	0.72	.40	2.06	L	
						S	42.25	16.81	16.66	0.00	0.15	1.14S	0.597				
SRN	AC	HHZ	68.4	242	90	P	38.10	12.66	12.47	0.00	0.19	1.14	0.222	1.00	18	2.52	D
SRN	AC	HHN	68.4	242	90	6	0.00-25.44	12.47	0.00	0.00	0.000	1.00	0.39	.43	2.05	L	
						S	47.29	21.85	21.82	0.00	0.03	1.14S	0.479				
IGT	AC	HHZ	78.6	204	90	P	39.65	14.21	14.11	0.00	0.10	1.14	0.556				
IGT	AC	HHE	78.6	204	90	S	51.41	25.97	24.69	0.00	1.28*	0.00S	0.000				
FNA	AC	HHZ	88.5	40	90	P	41.42	15.98	15.68	0.00	0.30	1.14	0.296				
FNA	AC	HHN	88.5	40	90	S	52.50	27.06	27.44	0.00	-0.38	1.14S	0.457				

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YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	03	16	0422	33.56	40 35.59	19E20.96	24.88	0.37	1.87	1.23	3.97	3.74	3.8

SOURCE

NSTA	NPBS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
18	27	26.3	Atl	235	8	0	16	7	18		4.00	0.13	L	5.00	0.06	D

REGION= 28km VP të Vlorës, Rajoni Vlorës (28km NW of Vlora, Vlora Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T		
VLO	AC	HHN		26.3	115	132	S		43.23	9.67	11.64	0.00	-0.47	0.00S		0.000					
VLO	AC	HHZ		26.3	115	132	P		39.66	6.10	6.65	0.00	-0.45	1.10		0.263	1.00	49	3.37	D	
FIER	AC	HHN		33.8	61	124	S		48.10	14.54	13.26	0.00	0.28	0.02S		0.000					
FIER	AC	HHZ		33.8	61	124	P		40.80	7.24	7.58	0.00	-0.34	1.12		0.195					
DURR	AC	HHN		85.5	13	100	S		60.80	27.24	26.81	0.00	0.43	1.12S		0.273					
DURR	AC	HHZ		85.5	13	100	P		49.10	15.54	15.32	0.00	0.22	1.12		0.175					
SRN	AC	HHN	101.8	138	97	6			60.00	26.44	17.89	0.00		0.00		0.000	1.00	5.51	.10	3.49	L
						S			65.13	31.57	31.31	0.00	0.26	1.12S		0.398					
SRN	AC	HHZ	101.8	138	97	P			51.77	18.21	17.89	0.00	0.32	1.12		0.297	1.00	63	3.70	D	
TIR	AC	HHN	102.0	32	97	6			60.00	26.44	17.92	0.00		0.00		0.000	1.00	17	.34	3.98	L
						S			64.12	30.56	31.36	0.00	-0.40	0.78S		0.188					
TIR	AC	HHZ	102.0	32	97	P			51.52	17.96	17.92	0.00	0.04	1.12		0.091	1.00	71	3.80	D	
LACI	AC	HHN	125.5	19	95	S			72.00	38.44	37.89	0.00	0.45	1.10S		0.241					
LACI	AC	HHZ	125.5	19	95	P			55.40	21.84	21.65	0.00	0.19	1.12		0.129					
KBN	AC	HHN	133.1	87	76	6			60.00	26.44	22.85	0.00		0.00		0.000	1.00	17	.80	4.20	L
						S			73.67	40.11	39.99	0.00	0.12	1.12S		0.658					
KBN	AC	HHZ	133.1	87	76	P			56.48	22.92	22.85	0.00	0.07	1.12		0.134	1.00	64	3.74	D	
PHP	AC	HHN	160.8	39	62	6			60.00	26.44	27.12	0.00		0.00		0.000	1.00	6.6	.47	3.95	L
						S			80.10	46.54	47.46	0.00	-0.42	0.53S		0.084					
PHP	AC	HHZ	160.8	39	62	P			60.57	27.01	27.12	0.00	-0.11	1.12		0.152					
BCI	AC	HHE	211.6	19	56	S			93.20	59.64	59.73	0.00	-0.09	1.12S		0.424					
BCI	AC	HHZ	211.6	19	56	P			67.14	33.58	34.13	0.00	-0.45	1.10		0.289	1.00	77	3.97	D	

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-03-20 1827 27.86 41 6.10 20E24.28 11.00 0.36 0.96 2.36 2.14 2.56 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  
 15 22 52.9 Atl 110 7 0 13 6 14 - 3.00 0.04 L 3.00 0.01 D

REGION= Xhyre, 12Km JL të Librazhdit, Rajoni Librazhdit (Xhyre, 12 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		52.9	302	90	P		37.04	9.18	10.00	0.00	-0.42	0.55	0.166	1.00	19	2.55	D		
TIR	AC	HHN		52.9	302	90	S		45.34	17.48	17.50	0.00	-0.02	1.11S	0.610						
TIR	AC	HHE		52.9	302	90		6	0.00	-27.86	10.00	0.00		0.00	0.000	1.00		0.80	.20	2.14	L
KBN	AC	HHZ		62.1	148	90	P		38.50	10.64	11.47	0.00	-0.33	0.53	0.033	1.00	23	2.72	D		
KBN	AC	HHE		62.1	148	90		6	0.00	-27.86	11.47	0.00		0.00	0.000	1.00		1.5	.47	2.54	L
									47.39	19.53	20.07	0.00	-0.44	1.06S	0.194						
PHP	AC	HHZ		64.8	2	90	P		39.78	11.92	11.91	0.00	0.01	1.11	0.425	1.00	19	2.56	D		
PHP	AC	HHN		64.8	2	90		6	0.00	-27.86	11.91	0.00		0.00	0.000	1.00		0.50	.31	2.10	L
									50.05	22.19	20.84	0.00	0.35	0.00S	0.000						
FNA	AC	HHZ		89.8	112	90	P		43.37	15.51	15.89	0.00	-0.38	1.11	0.242						
FNA	AC	HHE		89.8	112	90	S		56.23	28.37	27.81	0.00	0.56*	1.05S	0.432						
LSK	AC	HHN		107.0	171	90	P		46.77	18.91	18.63	0.00	0.28	1.11	0.103						
LSK	AC	HHE		107.0	171	90	S		60.45	32.59	32.60	0.00	-0.01	1.11S	0.198						
SRN	AC	HHZ		139.9	195	90	P		52.38	24.52	23.88	0.00	0.64*	0.95	0.928						
SRN	AC	HHN		139.9	195	90	S		69.71	41.85	41.79	0.00	0.06	1.11S	0.308						
IGT	AC	HHZ		174.5	183	90	P		57.24	29.38	29.39	0.00	-0.01	1.11	0.114						
IGT	AC	HHN		174.5	183	90	S		79.26	51.40	51.43	0.00	-0.03	1.11S	0.241						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-03-20 2013 45.69 42 15.91 19E48.08 24.01 0.44 1.72 1.43 2.62 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  
 15 22 24.7 Atl 195 13 0 13 6 14 4.00 0.17 L 3.00 0.01 D

REGION= 28Km VL të Shkodrës, Rajoni Shkodrës (28 Km NE of Shkodra, Shkodra Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T		
BCI	AC	HHN		24.7	62	130	S		55.88	10.19	10.76	0.00	-0.27	1.18S	0.615						
BCI	AC	HHZ		24.7	62	130	P		51.51	5.82	6.15	0.00	-0.33	1.19	0.354	1.00	24	2.72	D		
BCI	AC	HHE		24.7	62	130		6	0.00	-45.69	6.15	0.00		0.00	0.000	1.00		6.4	.11	2.87	L
SDA	AC	HHZ		34.4	227	119	P		53.84	8.15	7.42	0.00	0.73*	1.07	0.262						
SDA	AC	HHE		34.4	227	119	S		58.20	12.51	12.98	0.00	-0.48	1.19S	0.583						
PHP	AC	HHN		83.5	140	90		6	60.00	14.31	14.88	0.00		0.00	0.000	1.00		0.50	.15	2.30	L

						S		71.90	26.21	26.04	0.00	0.17	1.19S				0.529				
PHP	AC	HHZ	83.5	140	90	P		60.20	14.51	14.88	0.00	-0.37	1.19			23	2.80	D			
TIR	AC	HHE	102.0	177	90		6	60.00	14.31	17.84	0.00		0.00					0.63	.31	2.54	L
						S		77.34	31.65	31.22	0.00	0.43	1.19S				0.394				
TIR	AC	HHZ	102.0	177	90	P		63.16	17.47	17.84	0.00	-0.37	1.19			23	2.81	D			
KBN	AC	HHE	200.1	155	56		6	60.00	14.31	32.85	0.00		0.00					0.21	.37	2.69	L
						S		103.39	57.70	57.49	0.00	0.21	1.19S				0.285				
KBN	AC	HHZ	200.1	155	56	P		79.37	33.68	32.85	0.00	0.33	0.91				0.142				
FNA	AC	HHE	211.2	140	56	S		105.48	59.79	60.06	0.00	-0.27	1.19S				0.317				
FNA	AC	HHZ	211.2	140	56	P		81.29	35.60	34.32	0.00	0.28	0.11				0.002				
SRN	AC	HHE	265.4	176	56	S		116.87	71.18	72.63	0.00	-0.55*	0.02S				0.000				
SRN	AC	HHZ	265.4	176	56	P		86.88	41.19	41.50	0.00	-0.31	1.19				0.295				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016-03-20			2353	51.98	41 41.10	20E 3.61	3.26	0.37	0.95	1.25	2.19	2.26	2.2

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
13	19	31.7	Atl	156	11	0	12	6	13		4.00	0.22	L 3.00 0.02 D
REGION= 8Km V të Burrelit, Rajoni Burrelit (8 Km N of Burreli, Burreli 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		31.7	89	112	P		58.28	6.30	6.46	0.00	-0.16	1.10		0.229	1.00	15	2.26	D		
PHP	AC	HHN		31.7	89	112		6	60.00	8.02	6.46	0.00		0.00		0.000	1.00		5.7	.37	2.79	L
							S		63.41	11.43	11.31	0.00	0.13	1.10S		0.602						
TIR	AC	HHZ		40.9	204	105	P		59.53	7.55	7.92	0.00	-0.37	1.10		0.296	1.00	14	2.24	D		
TIR	AC	HHE		40.9	204	105		6	60.00	8.02	7.92	0.00		0.00		0.000	1.00		0.50	.31	1.80	L
							S		65.97	13.99	13.86	0.00	0.13	1.10S		0.658						
BCI	AC	HHZ		75.7	0	95	P		65.66	13.68	13.70	0.00	-0.02	1.10		0.330	1.00	20	2.57	D		
BCI	AC	HHE		75.7	0	95		6	60.00	8.02	13.70	0.00		0.00		0.000	1.00		0.43	.28	2.15	L
							S		75.98	24.00	23.98	0.00	0.02	1.10S		0.595						
KBN	AC	HHZ		132.7	152	71	P		75.92	23.94	22.90	0.00	0.24	0.48		0.023						
KBN	AC	HHN		132.7	152	71		6	60.00	8.02	22.90	0.00		0.00		0.000	1.00		0.19	.56	2.22	L
							S		92.40	40.42	40.08	0.00	0.35	1.10S		0.263						
FNA	AC	HHZ		149.6	131	71	P		76.57	24.59	25.59	0.00	-0.43	0.57		0.038						
FNA	AC	HHE		149.6	131	71	S		96.52	44.54	44.78	0.00	-0.24	1.10S		0.355						
LSK	AC	HHN		176.4	164	71	P		84.64	32.66	29.87	0.00	0.79*	0.00		0.000						
SRN	AC	HHZ		200.5	182	57	P		86.25	34.27	33.61	0.00	0.66*	1.03		0.184						
SRN	AC	HHN		200.5	182	57	S		110.39	58.41	58.82	0.00	-0.41	1.10S		0.420						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016-03-22			0714	4.25	41 5.61	20E10.64	20.00	0.37	1.16	33.17	3.35	3.52	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  
 18 27 38.5 At1 131 10 0 15 7 16 - 4.00 0.24 L 4.00 0.05 D  
 REGION= Shushicë, 8Km JL të Elbasanit, Rajoni Elbasanit (8 Km SE 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	HHN		38.5	318	90		6	0.00	-4.25	7.71	0.00		0.00		0.000	1.00		9.6 .15 3.08 L
							S		17.60	13.35	13.49	0.00	-0.14	1.09S		0.311			
TIR	AC	HHZ		38.5	318	90	P		11.61	7.36	7.71	0.00	-0.35	1.09		0.165	1.00	57	3.46 D
DURR	AC	HHZ		65.4	293	90	P		19.00	14.75	12.00	0.00	0.35	0.00		0.000			
PHP	AC	HHN		69.3	18	90		6	0.00	-4.25	12.61	0.00		0.00		0.000	1.00		12 .21 3.56 L
							S		26.09	21.84	22.07	0.00	-0.23	1.09S		0.309			
PHP	AC	HHZ		69.3	18	90	P		16.83	12.58	12.61	0.00	-0.03	1.09		0.116	1.00	61	3.55 D
LACI	AC	HHN		71.4	328	90	S		26.40	22.15	22.66	0.00	-0.41	1.08S		0.215			
LACI	AC	HHZ		71.4	328	90	P		18.00	13.75	12.95	0.00	0.40	0.80		0.066			
KBN	AC	HHN		73.3	135	90		6	0.00	-4.25	13.25	0.00		0.00		0.000	1.00		17 .40 3.74 L
							S		27.44	23.19	23.19	0.00	0.00	1.09S		0.492			
KBN	AC	HHZ		73.3	135	90	P		16.91	12.66	13.25	0.00	-0.59*	1.05		0.242	1.00	66	3.62 D
KKS	AC	HHN		110.8	10	90	S		38.10	33.85	33.67	0.00	0.18	1.09S		0.243			
KKS	AC	HHZ		110.8	10	90	P		23.40	19.15	19.24	0.00	-0.09	1.09		0.097			
SDA	AC	HHZ		120.3	333	90	P		25.10	20.85	20.75	0.00	0.10	1.09		0.107			
SRN	AC	HHN		135.6	187	90		6	0.00	-4.25	23.19	0.00		0.00		0.000	1.00		1.5 .41 3.14 L
							S		43.64	39.39	40.58	0.00	-1.19*	0.12S		0.009			
SRN	AC	HHZ		135.6	187	90	P		28.01	23.76	23.19	0.00	0.57*	1.06		0.379			
BCI	AC	HHN		141.7	357	90	S		47.11	42.86	42.30	0.00	0.56*	1.07S		0.161			
BCI	AC	HHZ		141.7	357	90	P		28.55	24.30	24.17	0.00	0.13	1.09		0.080	1.00	52	3.48 D

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-03-22 0714 4.08 41 6.04 20E13.55 11.48 0.12 0.39 0.89 3.50 3.42 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  
 19 28 40.8 At1 94 9 0 16 8 19 5.00 0.20 L 4.00 0.05 D  
 REGION= 12Km L të Elbasanit, Rajoni Elbasanit (12 Km E of Elbasani, Elbasani Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
TIR	AC	HHN		40.8	313	99		6	0.00	-4.08	7.73	0.00		0.00		0.000	1.00		9.6 .15 3.06 L
							S		17.60	13.52	13.53	0.00	-0.01	1.11S		0.434			
TIR	AC	HHZ		40.8	313	99	P		11.61	7.53	7.73	0.00	-0.20	1.10		0.224	1.00	57	3.37 D
PHP	AC	HHN		67.3	15	95		6	0.00	-4.08	12.24	0.00		0.00		0.000	1.00		12 .21 3.51 L
							S		25.72	21.64	21.42	0.00	0.22	1.07S		0.308			
PHP	AC	HHZ		67.3	15	95	P		16.83	12.75	12.24	0.00	0.41	0.01		0.000	1.00	61	3.45 D
KBN	AC	HHN		71.1	138	95		6	0.00	-4.08	12.88	0.00		0.00		0.000	1.00		17 .40 3.70 L
							S		26.48	22.40	22.54	0.00	-0.14	1.11S		0.361			



KBN	AC	HHZ	71.1	138	95	P	16.91	12.83	12.88	0.00	-0.05	1.11	0.186	1.00	66	3.52	D				
VLO	AC	HHZ	93.4	222	93	P	20.97	16.89	16.71	0.00	0.18	1.11	0.261								
FNA	AC	HHN	103.7	109	78	S	36.37	32.29	32.34	0.00	-0.05	1.11S	0.337								
FNA	AC	HHZ	103.7	109	78	P	22.63	18.55	18.48	0.00	0.07	1.11	0.139								
KKS	AC	HHN	109.4	8	78	S	38.10	34.02	33.99	0.00	0.03	1.11S	0.251								
KKS	AC	HHZ	109.4	8	78	P	23.40	19.32	19.42	0.00	-0.10	1.11	0.111								
LSK	AC	HHE	110.2	163	78		6	0.00	-4.08	19.56	0.00	0.00	0.000	1.00				5.2	.57	3.50	L
						S		38.46	34.38	34.23	0.00	0.15	1.11S	0.214							
LSK	AC	HHN	110.2	163	78	P	23.06	18.98	19.56	0.00	-0.58*	0.00	0.000								
SRN	AC	HHN	136.9	189	68		6	0.00	-4.08	23.88	0.00	0.00	0.000	1.00				1.5	.41	3.14	L
						S		45.76	41.68	41.79	0.00	-0.11	1.11S	0.439							
SRN	AC	HHZ	136.9	189	68	P	28.01	23.93	23.88	0.00	0.05	1.11	0.173								
BCI	AC	HHN	141.2	355	68	S	47.11	43.03	43.00	0.00	0.03	1.11S	0.391								
BCI	AC	HHZ	141.2	355	68	P	28.55	24.47	24.57	0.00	-0.10	1.11	0.142	1.00	52	3.38	D				
IGT	AC	HHZ	174.5	177	68	P	34.33	30.25	29.87	0.00	0.38	0.42	0.021								
IGT	AC	HHN	174.5	177	68	S	57.13	53.05	52.27	0.00	0.78*	0.00S	0.000								

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2016-03-26 0140 45.81 39 58.25 19E46.35 13.29 0.18 0.44 0.84 3.64 3.60 3.6

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
20 28 22.0 At1 142 9 0 17 7 19 6.00 0.18 L 5.00 0.21 D  
REGION= 17Km VL të Sarandës, Rajoni Sarandës (17 Km NE 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		22.0	117	116	P		50.68	4.87	4.72	0.00	0.15	1.15	0.199	1.00	62	3.37	D				
SRN	AC	HHN		22.0	117	116		6	0.00	-45.81	4.72	0.00		0.00	0.000	1.00				19	.31	3.22	L
							S		53.78	7.97	8.26	0.00	-0.29	1.13S	0.362								
VLO	AC	HHZ		60.1	337	98	P		56.78	10.97	11.04	0.00	-0.07	1.15	0.240	1.00	56	3.39	D				
VLO	AC	HHN		60.1	337	98	S		65.20	19.39	19.32	0.00	0.07	1.15S	0.577								
IGT	AC	HHZ		68.3	135	97	P		58.89	13.08	12.44	0.00	0.34	0.12	0.002								
IGT	AC	HHN		68.3	135	97	S		67.64	21.83	21.77	0.00	0.06	1.15S	0.417								
LSK	AC	HHN		73.2	73	96	P		59.30	13.49	13.28	0.00	0.21	1.15	0.101	1.00	80	3.70	D				
LSK	AC	HHE		73.2	73	96		6	60.00	14.19	13.28	0.00		0.00	0.000	1.00				13	.77	3.60	L
							S		69.02	23.21	23.24	0.00	-0.03	1.15S	0.235								
SCTE	AC	HHZ		111.9	277	68	P		65.46	19.65	19.78	0.00	-0.13	1.15	0.274								
SCTE	AC	HHE		111.9	277	68	S		80.46	34.65	34.61	0.00	0.04	1.15S	0.517								
KBN	AC	HHZ		112.7	49	68	P		65.34	19.53	19.90	0.00	-0.37	1.00	0.083	1.00	89	3.83	D				
KBN	AC	HHN		112.7	49	68		6	60.00	14.19	19.90	0.00		0.00	0.000	1.00				7.0	.50	3.65	L
							S		80.68	34.87	34.83	0.00	0.05	1.15S	0.318								
LKD2	AC	HHZ		151.8	149	68	P		73.13	27.32	26.14	0.00	0.28	0.00	0.000								
TIR	AC	HHZ		153.1	2	68	P		72.60	26.79	26.35	0.00	0.44	0.80	0.046	1.00	65	3.60	D				
TIR	AC	HHN		153.1	2	68		6	60.00	14.19	26.35	0.00		0.00	0.000	1.00				3.6	.50	3.63	L

						S	92.65	46.84	46.11	0.00	0.73*	0.01S	0.000							
FNA	AC	HHZ	163.8	56	68	P	74.10	28.29	28.06	0.00	0.23	1.15	0.118							
PHP	AC	HHZ	198.5	16	68	P	79.50	33.69	33.59	0.00	0.10	1.15	0.093							
PHP	AC	HHN	198.5	16	68		6	60.00	14.19	33.59	0.00		0.00	0.000	1.00		4.1	.95	3.96	L
						S	104.42	58.61	58.78	0.00	-0.17	1.15S	0.255							
BCI	AC	HHZ	267.2	5	50	P	88.52	42.71	42.88	0.00	-0.17	1.15	0.154							
BCI	AC	HHN	267.2	5	50		6	120.00	74.19	42.88	0.00		0.00	0.000	1.00		3.01	.41	4.15	L

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-03-26	1211	20.83	40	29.44	20E 3.90	12.35	0.63	0.93	0.61		2.64	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	
18	27	48.4	Atl	83	13	0	17	8	18		0.00	0.00	L	6.00	0.11	D

REGION= 13Km JP të Policanit, Rajoni Skraparit ( 13Km SP of Policani, Skrapari 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	48.4	268	99	P		29.71	8.88	9.03	0.00	-0.15	1.17		0.246	1.00	18	2.41	D
VLO	AC	HHN	48.4	268	99	S		36.67	15.84	15.80	0.00	0.04	1.17S		0.481				
LSK	AC	HHN	59.1	129	97	P		30.71	9.88	10.85	0.00	-0.97*	1.09		0.113	1.00	26	2.73	D
LSK	AC	HHE	59.1	129	97	S		40.61	19.78	18.99	0.00	0.79*	1.17S		0.264				
KBN	AC	HHZ	62.9	76	96	P		31.74	10.91	11.51	0.00	-0.60*	1.17		0.202	1.00	20	2.51	D
KBN	AC	HHE	62.9	76	96	S		41.27	20.44	20.14	0.00	0.30	1.17S		0.438				
SRN	AC	HHZ	68.0	185	96	P		32.19	11.36	12.38	0.00	-0.02*	1.05		0.111	1.00	21	2.55	D
SRN	AC	HHN	68.0	185	96	S		43.42	22.59	21.67	0.00	0.92*	1.12S		0.258				
TIR	AC	HHZ	96.7	351	78	P		38.61	17.78	17.25	0.00	0.53*	1.17		0.176	1.00	25	2.73	D
TIR	AC	HHE	96.7	351	78	S		52.78	31.95	30.19	0.00	0.76*	0.12S		0.003				
IGT	AC	HHZ	108.9	167	78	P		39.72	18.89	19.31	0.00	-0.42	1.17		0.162				
IGT	AC	HHN	108.9	167	78	S		54.98	34.15	33.79	0.00	0.36	1.17S		0.443				
FNA	AC	HHZ	116.1	73	68	P		39.98	19.15	20.51	0.00	-0.36*	0.60		0.031				
FNA	AC	HHE	116.1	73	68	S		56.62	35.79	35.89	0.00	-0.10	1.17S		0.303				
PHP	AC	HHZ	136.3	13	68	P		45.46	24.63	23.73	0.00	0.90*	1.13		0.132	1.00	26	2.80	D
PHP	AC	HHN	136.3	13	68	S		64.42	43.59	41.53	0.00	0.06*	0.01S		0.000				
BCI	AC	HHZ	208.4	0	55	P		55.36	34.53	35.14	0.00	-0.61*	1.17		0.178				
BCI	AC	HHE	208.4	0	55	S		82.62	61.79	61.49	0.00	0.29	1.17S		0.450				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-03-27	1057	16.95	41	20.07	19E59.56	20.00	0.20	0.59	1.06	2.42	2.83	2.8

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
11	16	10.8	Atl	139	10	0	9	5	10	-	3.00	0.23	L	3.00	0.07	D

REGION= Skallë, 12Km L të Tiranës, Rajoni Tiranës (Skallë, 12Km E of Tirana, 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		10.8	278	90	P		20.12	3.17	3.29	0.00	-0.12	1.23		0.317	1.00	32	2.83 D
TIR	AC	HHN		10.8	278	90	S		22.72	5.77	5.76	0.00	0.01	1.23S		0.591			
TIR	AC	HHE		10.8	278	90		6	0.00	-16.95	3.29	0.00		0.00		0.000	1.00		5.2 .28 2.65 L
PHP	AC	HHZ		54.0	43	90	P		26.43	9.48	10.18	0.00	-0.40	0.05		0.000	1.00	24	2.75 D
PHP	AC	HHN		54.0	43	90		6	0.00	-16.95	10.18	0.00		0.00		0.000	1.00		0.80 .28 2.15 L
							S		34.57	17.62	17.81	0.00	-0.19	1.23S		0.663			
KBN	AC	HHZ		103.5	139	90	P		35.03	18.08	18.07	0.00	0.01	1.23		0.210			
KBN	AC	HHN		103.5	139	90		6	0.00	-16.95	18.07	0.00		0.00		0.000	1.00		0.48 .72 2.42 L
							S		48.60	31.65	31.62	0.00	0.03	1.23S		0.408			
BCI	AC	HHZ		114.8	3	90	P		37.12	20.17	19.88	0.00	0.29	1.23		0.317	1.00	27	2.90 D
BCI	AC	HHN		114.8	3	90	S		52.34	35.39	34.79	0.00	0.40	0.28S		0.037			
FNA	AC	HHZ		132.1	117	90	P		39.19	22.24	22.63	0.00	-0.39	1.06		0.129			
FNA	AC	HHN		132.1	117	90	S		56.78	39.83	39.60	0.00	0.23	1.23S		0.323			

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YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	03	27	1309	27.56	41 21.37	19E19.82	17.86	0.18	0.59	1.17	4.27	4.33 4.3

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
20	28	44.8	Atl	135	9	0	14	6	17		9.00 0.07 L	4.00 0.06 D	

REGION= Adriatic Sea, 13Km P të Durrësit, Rajoni Durrësit (Adriatic Sea, 12Km 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		44.8	91	115	P		36.02	8.46	9.10	0.00	-0.44	0.41		0.051	1.00	119	4.19 D
TIR	AC	HHN		44.8	91	115		6	0.00	-27.56	9.10	0.00		0.00		0.000	1.00		40 .40 3.79 L
							S		43.62	16.06	15.92	0.00	0.14	1.14S		0.764			
TIR	AC	HHE		44.8	91	115		6	0.00	-27.56	9.10	0.00		0.00		0.000	1.00		28 .41 3.64 L
PHP	AC	HHZ		99.6	68	97	P		44.19	16.63	17.55	0.00	-0.42	0.00		0.000	1.00	151	4.44 D
PHP	AC	HHN		99.6	68	97		6	0.00	-27.56	17.55	0.00		0.00		0.000	1.00		37 .46 4.29 L
							S		59.26	31.70	30.71	0.00	0.49	0.00S		0.000			
BCI	AC	HHZ		127.8	28	95	P		49.70	22.14	22.02	0.00	0.12	1.14		0.287	1.00	128	4.33 D
BCI	AC	HHN		127.8	28	95		6	60.00	32.44	22.02	0.00		0.00		0.000	1.00		26 .34 4.34 L
							S		66.08	38.52	38.53	0.00	-0.01	1.14S		0.621			
BCI	AC	HHE		127.8	28	95		6	60.00	32.44	22.02	0.00		0.00		0.000	1.00		29 .31 4.38 L
KBN	AC	HHZ		147.1	123	76	P		52.53	24.97	25.02	0.00	-0.05	1.14		0.102	1.00	126	4.33 D
KBN	AC	HHN		147.1	123	76		6	60.00	32.44	25.02	0.00		0.00		0.000	1.00		16 .46 4.26 L
							S		71.40	43.84	43.78	0.00	0.06	1.14S		0.238			
SCTE	AC	HHZ		159.6	208	62	P		54.31	26.75	26.95	0.00	-0.20	1.14		0.345			
LSK	AC	HHN		171.5	140	62		6	60.00	32.44	28.64	0.00		0.00		0.000	1.00		21 .57 4.52 L



TIR	AC	HHZ	33.0	80	90	P		15.56	6.36	6.84	0.00	-0.48	0.96	0.109	1.00	23	2.66	D				
TIR	AC	HHN	33.0	80	90		6	0.00	-9.20	6.84	0.00		0.00	1.000	1.00				0.83	.31	1.98	L
						S		21.55	12.35	11.97	0.00	0.38	1.03S	0.291								
PHP	AC	HHZ	91.3	61	90	P		24.90	15.70	16.13	0.00	-0.43	1.01	0.147	1.00	26	2.85	D				
PHP	AC	HHN	91.3	61	90		6	0.00	-9.20	16.13	0.00		0.00	0.000	1.00				0.35	.47	2.19	L
						S		36.05	26.85	28.23	0.00	-0.38	0.00S	0.000								
BCI	AC	HHZ	128.5	22	90	P		31.85	22.65	22.05	0.00	0.40	0.76	0.176								
BCI	AC	HHN	128.5	22	90	S		47.79	38.59	38.59	0.00	0.00	1.04S	0.537								
SCTE	AC	HHZ	160.1	213	90	P		36.67	27.47	27.10	0.00	0.37	1.03	0.297								
SCTE	AC	HHN	160.1	213	90	S		56.21	47.01	47.42	0.00	-0.41	1.02S	0.469								
SRN	AC	HHZ	163.6	164	90	P		36.83	27.63	27.66	0.00	-0.03	1.04	0.147								
SRN	AC	HHN	163.6	164	90	S		57.88	48.68	48.40	0.00	0.27	1.04S	0.332								
FNA	AC	HHZ	170.4	109	90	P		38.14	28.94	28.74	0.00	0.20	1.04	0.123								
FNA	AC	HHN	170.4	109	90	S		59.25	50.05	50.29	0.00	-0.24	1.04S	0.365								

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-03-27	2019	0.81	41	58.00	19E12.85	32.36	0.21	1.03	1.28	2.72	3.19	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	83.3	Atl	220	17	0	8	3	10		3.00	0.13	L	3.00	0.03	D

REGION= Ulqin, Mali Zi (Ulqin, Montenegro)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
BCI	AC	HHZ		83.3	57	99	P		16.04	15.23	15.09	0.00	0.14	1.12		0.717	1.00	34	3.22	D		
BCI	AC	HHN		83.3	57	99		6	0.00	-0.81	15.09	0.00		0.00		0.000	1.00		1.7	.80	2.85	L
							S		28.80	27.99	26.41	0.00	0.48	0.00S		0.000						
TIR	AC	HHZ		87.6	141	98	P		16.74	15.93	15.74	0.00	0.19	1.12		0.285	1.00	31	3.14	D		
TIR	AC	HHN		87.6	141	98		6	0.00	-0.81	15.74	0.00		0.00		0.000	1.00		0.67	.34	2.48	L
							S		28.46	27.65	27.55	0.00	0.10	1.12S		0.638						
PHP	AC	HHZ		106.6	106	94	P		19.14	18.33	18.67	0.00	-0.34	1.12		0.189	1.00	32	3.19	D		
PHP	AC	HHN		106.6	106	94		6	0.00	-0.81	18.67	0.00		0.00		0.000	1.00		0.85	.43	2.72	L
							S		33.31	32.50	32.67	0.00	-0.17	1.12S		0.444						
SCTE	AC	HHZ		219.0	197	58	P		35.32	34.51	34.72	0.00	-0.21	1.12		0.716						
SCTE	AC	HHN		219.0	197	58	S		60.56	59.75	60.76	0.00	-0.41	0.00S		0.000						
FNA	AC	HHZ		224.2	125	58	P		36.52	35.71	35.41	0.00	0.30	1.12		0.244						
FNA	AC	HHN		224.2	125	58	S		62.78	61.97	61.97	0.00	0.00	1.12S		0.764						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-03-28	0426	24.85	41	49.85	19E18.03	20.00	0.05	1.13	1.21	2.41	2.82	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

6 9 71.4 Atl 268 6 0 6 3 6 - 2.00 0.17 L 3.00 0.09 D  
 REGION= 11km ne J te Ulqinit, Mali Zi (11km S of Ulqini, Montenegro)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
TIR	AC	HHZ		71.4	138	90	P		37.74	12.89	12.95	0.00	-0.06	1.00		0.496	1.00	18		2.52	D	
TIR	AC	HHN		71.4	138	90	S		47.58	22.73	22.66	0.00	0.07	1.00S		0.517						
BCI	AC	HHZ		87.0	46	90	P		40.36	15.51	15.44	0.00	0.07	1.00		0.490	1.00	28		2.91	D	
BCI	AC	HHN		87.0	46	90		6	0.00	-24.85	15.44	0.00		0.00		0.000	1.00			0.76	.95	2.58 L
							S		51.86	27.01	27.02	0.00	-0.01	1.00S		0.608						
PHP	AC	HHZ		96.2	99	90	P		41.71	16.86	16.91	0.00	-0.05	1.00		0.180	1.00	25		2.82	D	
PHP	AC	HHN		96.2	99	90		6	0.00	-24.85	16.91	0.00		0.00		0.000	1.00			0.48	.60	2.14 L
							S		54.44	29.59	29.59	0.00	0.00	1.00S		0.706						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-03-29 1816 45.34 41 4.44 20E14.88 13.00 0.75 1.39 3.73 2.58 2.77

SOURCE  
 NSTA NPBS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 20 29 44.2 Atl 95 12 0 17 8 18 - 5.00 0.19 L 3.00 0.01 D  
 REGION= 13Km J-L të Elbasanit, Rajoni Elbasanit (13Km S-E of Elbasani, Elbasani Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
TIR	AC	HHZ		44.2	314	90	P		53.27	7.93	8.62	0.00	-0.49	1.15		0.363	1.00	25		2.77	D	
TIR	AC	HHE		44.2	314	90	S		60.55	15.21	15.09	0.00	0.12	1.15S		0.397						
TIR	AC	HHN		44.2	314	90		6	60.00	14.66	8.62	0.00		0.00		0.000	1.00			1.8	.37	2.39 L
KBN	AC	HHZ		67.6	137	90	P		56.25	10.91	12.35	0.00	-0.44	0.73		0.044	1.00	24		2.76	D	
KBN	AC	HHN		67.6	137	90		6	60.00	14.66	12.35	0.00		0.00		0.000	1.00			2.8	.56	2.88 L
							S		67.03	21.69	21.61	0.00	0.08	1.15S		0.212						
PHP	AC	HHZ		69.7	13	90	P		57.90	12.56	12.68	0.00	-0.12	1.15		0.891	1.00	27		2.86	D	
PHP	AC	HHN		69.7	13	90		6	60.00	14.66	12.68	0.00		0.00		0.000	1.00			1.2	.57	2.56 L
							S		68.70	23.36	22.19	0.00	0.17	1.03S		0.368						
VLO	AC	HHZ		92.5	224	90	P		60.97	15.63	16.32	0.00	-0.49	1.15		0.147						
VLO	AC	HHE		92.5	224	90	S		74.95	29.61	28.56	0.00	0.25	1.11S		0.283						
FNA	AC	HHZ		101.0	108	90	P		62.00	16.66	17.68	0.00	-0.22	1.12		0.160						
FNA	AC	HHE		101.0	108	90	S		77.21	31.87	30.94	0.00	0.93*	1.14S		0.344						
LSK	AC	HHN		106.8	163	90	P		63.03	17.69	18.61	0.00	-0.92*	1.14		0.081						
LSK	AC	HHE		106.8	163	90	S		78.43	33.09	32.57	0.00	0.42	1.15S		0.151						
SRN	AC	HHZ		134.2	190	90	P		68.52	23.18	22.98	0.00	0.20	1.15		0.130						
SRN	AC	HHE		134.2	190	90	S		86.53	41.19	40.22	0.00	0.47	1.13S		0.177						
SRN	AC	HHN		134.2	190	90		6	60.00	14.66	22.98	0.00		0.00		0.000	1.00			0.42	.75	2.58 L
BCI	AC	HHZ		144.4	355	90	P		71.90	26.56	24.59	0.00	0.97*	0.15		0.004						
BCI	AC	HHN		144.4	355	90		6	60.00	14.66	24.59	0.00		0.00		0.000	1.00			1.8	.77	3.27 L
							S		90.43	45.09	43.03	0.00	0.46	0.10S		0.003						
IGT	AC	HHZ		171.4	177	90	P		73.58	28.24	28.91	0.00	-0.67*	1.15		0.081						

IGT AC HHE 171.4 177 90 S 95.71 50.37 50.59 0.00 -0.22 1.15S 0.156

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2016-03-30 0040 3.93 41 8.74 20E14.53 14.00 0.72 0.80 0.99 2.52

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 38.8 Atl 117 9 0 11 6 12 - 0.00 0.00 L 4.00 0.10 D  
REGION= 7Km J-P të Librazhdit, Rajoni Librazhdit (13Km S-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		38.8	306	90	P		9.59	5.66	7.75	0.00	-0.09*	0.02		0.144	1.00	15	2.33 D
TIR	AC	HHE		38.8	306	90	S		16.60	12.67	13.56	0.00	-0.89*	1.12S		0.545			
PHP	AC	HHZ		62.1	15	90	P		14.96	11.03	11.47	0.00	-0.44	1.13		0.177	1.00	18	2.51 D
PHP	AC	HHN		62.1	15	90	S		25.06	21.13	20.07	0.00	0.06*	1.03S		0.312			
KBN	AC	HHZ		74.0	141	90	P		16.17	12.24	13.37	0.00	-0.13*	0.96		0.130	1.00	18	2.52 D
KBN	AC	HHE		74.0	141	90	S		27.18	23.25	23.40	0.00	-0.15	1.13S		0.276			
FNA	AC	HHZ		104.3	112	90	P		21.39	17.46	18.19	0.00	-0.73*	1.13		0.172			
FNA	AC	HHE		104.3	112	90	S		35.92	31.99	31.83	0.00	0.16	1.13S		0.381			
BCI	AC	HHZ		136.4	354	90	P		27.22	23.29	23.32	0.00	-0.03	1.13		0.847			
BCI	AC	HHN		136.4	354	90	S		45.25	41.32	40.81	0.00	0.51*	1.13S		0.330			
SRN	AC	HHZ		142.0	189	90	P		29.29	25.36	24.22	0.00	0.14*	0.95		0.186	1.00	27	2.93 D
SRN	AC	HHN		142.0	189	90	S		47.14	43.21	42.38	0.00	0.83*	1.13S		0.494			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2016-03-31 0207 27.88 41 10.20 20E16.24 13.00 0.07 0.54 1.64 1.79 2.61

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 39.3 Atl 157 11 0 7 3 8 - 2.00 0.05 L 2.00 0.03 D  
REGION= Adriatic Sea, 10Km J të Ulqinit, Rajoni Ulqinit (Adriatic Sea, 10Km S of Ulqini, Ulqini 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		39.3	301	90	P		35.68	7.80	7.84	0.00	-0.04	1.14		0.497	1.00	20	2.58 D
TIR	AC	HHN		39.3	301	90		6	0.00	-27.88	7.84	0.00		0.00		0.609	1.00		0.17 .11 1.54 L
							S		41.62	13.74	13.72	0.00	0.02	1.14S		0.761			
PHP	AC	HHZ		58.9	13	90	P		38.84	10.96	10.96	0.00	0.00	1.14		0.363	1.00	21	2.64 D
PHP	AC	HHN		58.9	13	90		6	0.00	-27.88	10.96	0.00		0.00		0.000	1.00		0.33 .17 1.73 L
							S		47.02	19.14	19.18	0.00	-0.04	1.14S		0.719			
KBN	AC	HHZ		74.7	144	90	P		40.92	13.04	13.48	0.00	-0.44	0.16		0.007			
KBN	AC	HHN		74.7	144	90	S		51.39	23.51	23.59	0.00	-0.08	1.14S		0.688			
FNA	AC	HHZ		103.1	114	90	P		46.01	18.13	18.02	0.00	0.11	1.14		0.351			
FNA	AC	HHN		103.1	114	90	S		58.56	30.68	31.53	0.00	-0.86*	0.00S		0.000			

**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  
 2016-03-03 0232 33.36 38 42.38 20E35.37 8.71 0.31 0.00 0.88 3.11

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 10.9 At1 307 12 0 10 5 10 0.00 0.00 L 3.00 0.05 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		10.9	32	121	P		36.15	2.79	2.68	0.00	0.11	1.17		0.463			
LKD2	AC	HHN		10.9	32	121	S		37.85	4.49	4.69	0.00	-0.20	1.17S		0.722			
IGT	AC	HHZ		94.3	347	91	P		49.33	15.97	16.85	0.00	-0.88*	0.12		0.004			
IGT	AC	HHE		94.3	347	91	S		63.32	29.96	29.49	0.00	0.47	1.11S		0.584			
SRN	AC	HHZ		139.9	339	68	P		57.66	24.30	24.53	0.00	-0.23	1.17		0.448	1.00	36	3.05 D
SRN	AC	HHE		139.9	339	68	S		76.02	42.66	42.93	0.00	-0.27	1.17S		0.397			
LSK	AC	HHE		160.3	0	68	S		81.57	48.21	48.61	0.00	-0.40	1.16S		0.362			
LSK	AC	HHN		160.3	0	68	P		61.83	28.47	27.78	0.00	0.69*	0.57		0.056	1.00	38	3.11 D
KBN	AC	HHZ		213.6	4	55	P		69.61	36.25	36.23	0.00	0.02	1.17		0.385	1.00	38	3.16 D
KBN	AC	HHE		213.6	4	55	S		97.12	63.76	63.40	0.00	0.36	1.17S		0.575			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2016-03-05 0505 30.61 39 39.17 19E53.04 25.02 0.29 0.75 1.11 2.82 2.77 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  
 18 26 27.1 At1 148 14 0 16 8 17 5.00 0.04 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
SRN	AC	HHZ		27.1	21	127	P		37.29	6.68	6.46	0.00	0.22	1.10		0.178	1.00	25	2.77 D
SRN	AC	HHE		27.1	21	127		6	0.00-30.61	6.46	0.00			0.00		0.000	1.00		5.1 .25 2.78 L
							S		41.65	11.04	11.31	0.00	-0.27	1.10S		0.490			
SRN	AC	HHN		27.1	21	127		6	0.00-30.61	6.46	0.00			0.00		0.000	1.00		5.5 .18 2.82 L
IGT	AC	HHZ		40.6	109	114	P		39.58	8.97	8.31	0.00	0.46	0.60		0.051			
IGT	AC	HHN		40.6	109	114	S		44.93	14.32	14.54	0.00	-0.22	1.10S		0.389			
LSK	AC	HHN		82.3	47	90	P		45.52	14.91	14.70	0.00	0.21	1.10		0.085			
LSK	AC	HHE		82.3	47	90		6	0.00-30.61	14.70	0.00			0.00		0.000	1.00		3.0 .37 3.07 L
							S		55.92	25.31	25.73	0.00	-0.42	1.07S		0.225			



VLO	AC	HHZ	96.5	341	90	P		47.88	17.27	16.95	0.00	0.32	1.10	0.170							
VLO	AC	HHN	96.5	341	90		6	60.00	29.39	16.95	0.00		0.00	0.000	1.00			2.7	.18	3.13	L
						S		60.56	29.95	29.66	0.00	0.29	1.10S	0.288							
LKD2	AC	HHZ	116.9	144	90	P		51.02	20.41	20.21	0.00	0.20	1.10	0.261							
LKD2	AC	HHE	116.9	144	90	S		65.78	35.17	35.37	0.00	-0.20	1.10S	0.448							
SCTE	AC	HHZ	130.0	292	90	P		52.74	22.13	22.30	0.00	-0.17	1.10	0.397							
SCTE	AC	HHN	130.0	292	90	S		68.93	38.32	39.02	0.00	-0.49	0.46S	0.127							
KBN	AC	HHZ	132.5	35	90	P		53.91	23.30	22.69	0.00	0.61*	0.74	0.037							
KBN	AC	HHE	132.5	35	90		6	60.00	29.39	22.69	0.00		0.00	0.000	1.00			0.73	.68	2.81	L
						S		70.36	39.75	39.71	0.00	0.04	1.10S	0.217							
FNA	AC	HHZ	178.9	45	62	P		60.63	30.02	29.90	0.00	0.12	1.10	0.182							
FNA	AC	HHE	178.9	45	62	S		82.66	52.05	52.33	0.00	-0.28	1.10S	0.447							
TIR	AC	HHZ	188.2	0	62	P		60.39	29.78	31.21	0.00	-1.43*	0.00	0.000							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	03	16	2216	8.87	40 11.30	20E44.32	3.13	0.17	0.49	0.82	3.24	3.16	3.2

SOURCE

NSTA	NPBS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
22	31	12.7	At1	144	8	0	17	9	20		6.00	0.40 L	4.00 0.19 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		12.7	251	97	P		11.67	2.80	2.67	0.00	0.13	1.08		0.316	1.00	33	2.75 D						
LSK	AC	HHE		12.7	251	97	S		13.34	4.47	4.67	0.00	-0.20	1.08S		0.476									
LSK	AC	HHN		12.7	251	97		6	0.00	-8.87	2.67	0.00		0.00		0.000	1.00			465	.15	4.36	L		
KBN	AC	HHZ		48.5	4	62	P		18.19	9.32	9.22	0.00	0.10	1.08		0.140	1.00	46	3.17 D						
KBN	AC	HHN		48.5	4	62		6	0.00	-8.87	9.22	0.00		0.00		0.000	1.00			8.2	.47	3.06	L		
							S		25.03	16.16	16.14	0.00	0.02	1.08S		0.171									
SRN	AC	HHZ		71.7	242	62	P		21.12	12.25	13.21	0.00	-0.46	0.00		0.000	1.00	43	3.14 D						
SRN	AC	HHN		71.7	242	62	S		31.73	22.86	23.12	0.00	-0.26	1.06S		0.279									
SRN	AC	HHE		71.7	242	62		6	0.00	-8.87	13.21	0.00		0.00		0.000	1.00			2.0	.51	2.78	L		
IGT	AC	HHZ		80.9	206	62	P		23.66	14.79	14.78	0.00	0.01	1.08		0.190									
IGT	AC	HHE		80.9	206	62	S		34.76	25.89	25.86	0.00	0.02	1.08S		0.438									
FNA	AC	HHZ		85.6	39	62	P		24.63	15.76	15.60	0.00	0.16	1.08		0.234									
FNA	AC	HHE		85.6	39	62	S		36.01	27.14	27.30	0.00	-0.16	1.08S		0.315									
VLO	AC	HHZ		110.1	287	62	P		28.99	20.12	19.81	0.00	0.31	0.97		0.077									
VLO	AC	HHN		110.1	287	62	S		43.78	34.91	34.67	0.00	0.24	1.07S		0.290									
TIR	AC	HHZ		148.4	331	55	P		34.90	26.03	26.38	0.00	-0.35	0.85		0.051									
TIR	AC	HHN		148.4	331	55		6	0.00	-8.87	26.38	0.00		0.00		0.000	1.00			0.74	1.39	2.91	L		
							S		55.12	46.25	46.16	0.00	0.09	1.08S		0.218									
LKD2	AC	HHZ		155.5	183	55	P		36.52	27.65	27.52	0.00	0.13	1.08		0.277									
PHP	AC	HHZ		168.0	352	55	P		38.11	29.24	29.51	0.00	-0.27	1.04		0.087	1.00	60	3.51 D						
PHP	AC	HHN		168.0	352	55		6	60.00	51.13	29.51	0.00		0.00		0.000	1.00			1.81	1.03	3.41	L		
							S		60.49	51.62	51.64	0.00	-0.02	1.08S		0.172									

THE	AC	HHZ	195.1	74	55	P	41.62	32.75	33.83	0.00	-0.48	0.00	0.000							
BCI	AC	HHZ	248.4	348	43	P	51.08	42.21	41.59	0.00	0.62*	0.01	0.000							
BCI	AC	HHN	248.4	348	43	6	60.00	51.13	41.59	0.00		0.00	0.000	1.00			1.4	.63	3.74	L
						S	81.61	72.74	72.78	0.00	-0.04	1.08S	0.262							

YEAR	MO	DA	--ORIGIN--	--LAT	N-	--LON	W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG						
2016-03-17			0439 45.13	40	9.23	20E45.13		3.77	0.24	0.64	0.88	3.09	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					
18	27	13.1	At1	171	11	0	17	9	18		6.00	0.41	L				4.00	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		13.1	269	100	P		48.15	3.02	2.77	0.00	0.25	1.16		0.317	1.00	27	2.58	D				
LSK	AC	HHN		13.1	269	100	6		0.00	-45.13	2.77	0.00		0.00		0.000	1.00				217	.18	4.04	L
							S		49.72	4.59	4.85	0.00	-0.26	1.16S		0.541								
KBN	AC	HHZ		52.2	3	62	P		54.70	9.57	9.80	0.00	-0.23	1.16		0.133	1.00	42	3.10	D				
KBN	AC	HHN		52.2	3	62	6		60.00	14.87	9.80	0.00		0.00		0.000	1.00				5.9	.47	2.96	L
							S		62.07	16.94	17.15	0.00	-0.21	1.16S		0.186								
SRN	AC	HHZ		71.0	245	62	P		57.47	12.34	13.03	0.00	-0.49	0.06		0.000	1.00	42	3.12	D				
SRN	AC	HHE		71.0	245	62	6		60.00	14.87	13.03	0.00		0.00		0.000	1.00				0.95	.36	2.44	L
							S		67.77	22.64	22.80	0.00	-0.16	1.16S		0.353								
IGT	AC	HHZ		78.0	208	62	P		59.61	14.48	14.23	0.00	0.25	1.16		0.283								
IGT	AC	HHN		78.0	208	62	S		69.85	24.72	24.90	0.00	-0.18	1.16S		0.528								
FNA	AC	HHZ		87.9	37	62	P		60.97	15.84	15.93	0.00	-0.09	1.16		0.281								
FNA	AC	HHE		87.9	37	62	S		73.07	27.94	27.88	0.00	0.06	1.16S		0.346								
VLO	AC	HHZ		112.4	289	62	P		65.57	20.44	20.14	0.00	0.30	1.15		0.095								
VLO	AC	HHN		112.4	289	62	S		80.94	35.81	35.24	0.00	0.56*	0.38S		0.042								
TIR	AC	HHZ		152.3	331	55	P		72.28	27.15	26.93	0.00	0.22	1.16		0.078								
TIR	AC	HHN		152.3	331	55	6		60.00	14.87	26.93	0.00		0.00		0.000	1.00				0.43	.83	2.70	L
							S		92.22	47.09	47.13	0.00	-0.04	1.16S		0.302								
PHP	AC	HHZ		172.0	352	55	P		74.82	29.69	30.08	0.00	-0.39	1.00		0.067	1.00	43	3.23	D				
PHP	AC	HHN		172.0	352	55	6		60.00	14.87	30.08	0.00		0.00		0.000	1.00				1.11	.13	3.22	L
							S		98.23	53.10	52.64	0.00	0.46	0.78S		0.097								
BCI	AC	HHZ		252.4	348	43	P		87.63	42.50	42.03	0.00	0.47	0.74		0.033								
BCI	AC	HHN		252.4	348	43	6		60.00	14.87	42.03	0.00		0.00		0.000	1.00				0.79	1.00	3.51	L
							S		118.63	73.50	73.55	0.00	-0.05	1.16S		0.307								

YEAR	MO	DA	--ORIGIN--	--LAT	N-	--LON	W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG											
2016-03-17			1827 42.94	39	43.02	20E23.70		10.00	0.21	1.29	1.27	2.35	2.62	2.6											

																SOURCE								
NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X									
12	18	21.3	At1	161	11	0	10	5	12	-	3.00	0.11	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		21.3	196	90	P		47.94	5.00	4.97	0.00	0.03	1.10		0.340	1.00	20	2.49 D
IGT	AC	HHN		21.3	196	90	S		51.66	8.72	8.70	0.00	0.02	1.10S		0.604			
SRN	AC	HHZ		38.3	299	90	P		50.58	7.64	7.68	0.00	-0.04	1.10		0.842	1.00	23	2.69 D
SRN	AC	HHN		38.3	299	90		6	0.00	-42.94	7.68	0.00		0.00		0.014	1.00		1.4 .28 2.24 L
							S		57.70	14.76	13.44	0.00	0.32	0.10S		0.985			
LSK	AC	HHN		51.1	19	90	P		52.49	9.55	9.72	0.00	-0.17	1.10		0.122	1.00	19	2.55 D
LSK	AC	HHE		51.1	19	90		6	0.00	-42.94	9.72	0.00		0.00		0.000	1.00		2.9 .66 2.68 L
							S		59.69	16.75	17.01	0.00	-0.26	1.10S		0.215			
LKD2	AC	HHZ		105.5	167	90	P		63.29	20.35	18.39	0.00	0.96*	0.00		0.000			
LKD2	AC	HHN		105.5	167	90	S		76.87	33.93	32.18	0.00	0.75*	0.00S		0.000			
KBN	AC	HHZ		106.1	18	90	P		61.29	18.35	18.49	0.00	-0.14	1.10		0.123			
KBN	AC	HHN		106.1	18	90		6	60.00	17.06	18.49	0.00		0.00		0.000	1.00		0.39 .50 2.35 L
							S		75.78	32.84	32.36	0.00	0.48	1.10S		0.218			
FNA	AC	HHZ		145.1	35	90	P		67.75	24.81	24.71	0.00	0.10	1.10		0.179	1.00	26	2.90 D
FNA	AC	HHE		145.1	35	90	S		86.10	43.16	43.24	0.00	-0.08	1.10S		0.353			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	03	17	2243	46.52	39 34.71	20E34.06	7.91	0.49	0.62	0.29	2.6	2.94	2.9

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
17	25	14.0	Atl	196	12	0	14	7	16		3.00	0.10 L	4.00 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
IGT	AC	HHZ		14.0	227	135	P		50.78	3.77	3.88	0.00	-0.11	1.07		0.350			
IGT	AC	HHN		14.0	227	135	S		54.14	7.13	6.79	0.00	0.34	1.07S		0.543			
SRN	AC	HHZ		48.1	308	100	P		55.11	8.10	9.08	0.00	-0.48	0.98		0.159	1.00	31	2.91 D
SRN	AC	HHN		48.1	308	100	S		63.31	16.30	15.89	0.00	0.41	1.07S		0.699			
SRN	AC	HHE		48.1	308	100		6	60.00	12.99	9.08	0.00		0.00		0.000	1.00		2.1 .51 2.49 L
LSK	AC	HHN		60.4	12	96	P		57.39	10.38	11.12	0.00	-0.24	1.07		0.161	1.00	31	2.92 D
LSK	AC	HHE		60.4	12	96		6	60.00	12.99	11.12	0.00		0.00		0.000	1.00		2.0 .77 2.62 L
							S		66.47	19.46	19.46	0.00	0.00	1.07S		0.550			
KBN	AC	HHZ		115.3	14	71	P		67.13	20.12	20.16	0.00	-0.04	1.07		0.106			
KBN	AC	HHN		115.3	14	71		6	60.00	12.99	20.16	0.00		0.00		0.000	1.00		0.80 .56 2.72 L
							S		82.46	35.45	35.28	0.00	0.17	1.07S		0.174			
VLO	AC	HHZ		124.6	320	71	P		71.02	24.01	21.65	0.00	0.36	0.00		0.000	1.00	30	2.95 D
VLO	AC	HHE		124.6	320	71	S		88.36	41.35	37.89	0.00	0.46	0.00S		0.000			
FNA	AC	HHZ		151.7	31	71	P		73.14	26.13	25.98	0.00	0.15	1.07		0.186			
FNA	AC	HHE		151.7	31	71	S		92.94	45.93	45.47	0.00	0.46	1.07S		0.269			
TIR	AC	HHZ		198.2	346	57	P		81.20	34.19	33.37	0.00	0.82*	1.06		0.193	1.00	42	3.30 D

TIR	AC	HHN	198.2	346	57	S	107.17	60.16	58.40	0.00	1.76*	0.15S	0.008
PHP	AC	HHZ	229.4	0	51	P	84.23	37.22	37.60	0.00	-0.38	1.07	0.219
PHP	AC	HHN	229.4	0	51	S	112.47	65.46	65.80	0.00	-0.34	1.07S	0.378

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-03-31	1538	39.94	37 58.86	19E37.38	26.13	0.35	4.81	3.27	3.78	3.91		

													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	127.4	Atl	294	21	0	15	7	17	#	4.00	0.10	L	2.00	0.03	D
REGION= Deti Jone (Ionian Sea)																

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
LKD2	AC	HHZ		127.4	44	94	P		62.23	22.29	21.92	0.00	0.37	1.11		0.372	1.00	78	3.88	D		
LKD2	AC	HHE		127.4	44	94	S		78.00	38.06	38.36	0.00	-0.30	1.11S		0.746						
IGT	AC	HHZ		182.8	19	62	P		69.99	30.05	30.36	0.00	-0.31	1.11		0.135						
IGT	AC	HHE		182.8	19	62	S		93.46	53.52	53.13	0.00	0.39	1.11S		0.215						
SRN	AC	HHZ		213.3	8	56	P		74.22	34.28	34.51	0.00	-0.23	1.11		0.163	1.00	76	3.94	D		
SRN	AC	HHE		213.3	8	56	S		100.70	60.76	60.39	0.00	0.37	1.11S		0.274						
SRN	AC	HHN		213.3	8	56		6	120.00	80.06	34.51	0.00		0.00		0.000	1.00		1.5	.68	3.61	L
SCTE	AC	HHZ		253.3	338	56	P		79.46	39.52	39.79	0.00	-0.27	1.11		0.593						
LSK	AC	HHN		255.1	19	56	P		80.67	40.73	40.04	0.00	0.49	1.06		0.212						
LSK	AC	HHE		255.1	19	56		6	60.00	20.06	40.04	0.00		0.00		0.000	1.00		2.9	.62	4.09	L
									109.94	70.00	70.07	0.00	-0.07	1.11S		0.196						
KBN	AC	HHZ		310.1	18	56	P		87.48	47.54	47.31	0.00	0.23	1.11		0.217						
KBN	AC	HHE		310.1	18	56		6	120.00	80.06	47.31	0.00		0.00		0.000	1.00		0.81	.69	3.75	L
									122.31	82.37	82.79	0.00	-0.42	1.11S		0.182						
FNA	AC	HHZ		346.0	25	56	P		90.83	50.89	52.05	0.00	-0.36	0.38		0.042						
FNA	AC	HHE		346.0	25	56	S		130.95	91.01	91.09	0.00	-0.08	1.11S		0.390						
TIR	AC	HHZ		374.4	3	56	P		94.12	54.18	55.81	0.00	-0.63*	0.00		0.000						
PHP	AC	HHZ		417.1	9	56	P		99.38	59.44	61.46	0.00	-0.52*	0.00		0.000						
PHP	AC	HHN		417.1	9	56		6	120.00	80.06	61.46	0.00		0.00		0.000	1.00		0.421	.03	3.80	L
									147.51	107.57	107.56	0.00	0.01	1.11S		0.248						
BCI	AC	HHZ		488.4	4	56	P		109.56	69.62	70.90	0.00	-1.28*	0.21		0.006						

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

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016-03-02	1249	47.81								7.8		S-W SUMATRA, INDONESIA
GAP=					hor.err=			ver.err=				

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
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FNA	AC	iP	1301	57.07
LKD2	AC	iP	1301	58.55
KBN	AC	iP	1302	00.35
IGT	AC	iP	1302	00.51
PHP	AC	iP	1302	02.32
SRN	AC	iP	1302	03.33
BCI	AC	iP	1302	06.26
TIR	AC	iP	1302	08.62
VLO	AC	iP	1302	09.37
SCTE	AC	iP	1302	10.69
LSK	AC	iP	1302	17.94

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	03	02	1301	31.46							6.0	S-W SUMATRA, INDONESIA
GAP=					hor.err=		ver.err=					

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
THE	AC	iP		1301	51.59					
FNA	AC	iP		1301	57.46					
LSK	AC	iP		1301	51.21					
KBN	AC	iP		1302	03.73					
IGT	AC	iP		1302	00.75					
LKD2	AC	iP		1302	00.02					
SRN	AC	iP		1302	03.33					
VLO	AC	iP		1302	06.83					
PHP	AC	iP		1302	02.47					
BCI	AC	iP		1302	04.59					
MRVN	AC	iP		1302	19.89					

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	03	12	1806	45.93							6.3	Andranof Islands, Aleutian
GAP=					hor.err=		ver.err=					

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
BCI	AC	iP		1819	23.00					
PHP	AC	iP		1819	26.77					
SGRT	AC	iP		1819	27.14					
TIR	AC	iP		1819	28.25					
KBN	AC	iP		1819	28.77					
FNA	AC	iP		1819	28.80					
MRVN	AC	iP		1819	29.34					

SRN	AC	iP			1819	34.62
IGT	AC	iP			1819	35.91
VLO	AC	iP			1819	39.07

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	03	20	2250	20.42							6.4	Near East Coast Of Kamchatka
GAP=					hor.err=		ver.err=					

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
BCI	AC	iP			2302	19.86				
PHP	AC	iP			2302	21.95				
FNA	AC	iP			2302	24.44				
TIR	AC	iP			2302	25.95				
KBN	AC	iP			2302	26.41				
SGRT	AC	iP			2302	27.88				
LSK	AC	iP			2302	30.58				
NOCI	AC	iP			2302	31.20				
SRN	AC	iP			2302	31.51				
VLO	AC	iP			2302	31.58				
IGT	AC	iP			2302	31.85				
SCTE	AC	iP			2302	32.65				

**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	03	31	1302	17.92								PHP
GAP=					hor.err=		ver.err=					

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
PHP	SZ	IPG			1302	17.92				
PHP	SE	ISG			1302	23.06				

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

### Ngjarja 1 (Event 1):

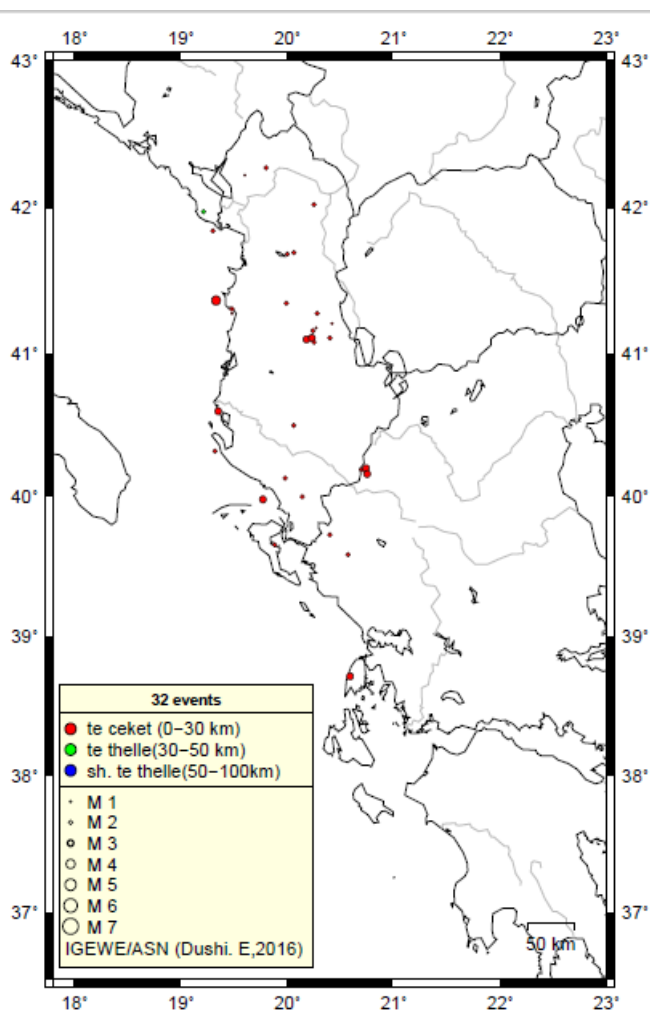
Datë 16.3.2016, në orën 04:22:33.56(UTC); lokalizuar 40.59V; 19.20L, 26 km në Veri-Perëndim të qytetit të Vlorës; Intensiteti i tërmetit në epiqendër  $I_0 = \text{IV-V}$  ballë (MSK-64); Ndjerë: III-V ballë në qytetin e Vlorës.  
( Intensity  $I_0 = \text{IV-V}$  degree EMS-98, felt III-IV degree at Vlora Town).

### Ngjarja 2 (Event 2):

Datë 27.3.2016, në orën 13:09:27.56(UTC); lokalizuar 41.36V; 19.53L, Deti Adriatik, 13 km në Perëndim të qytetit të Durrësit; Intensiteti i tërmetit në epiqendër  $I_0 = \text{V-VI}$  ballë (MSK-64); Ndjerë: V ballë në qytetin e Durrësit; IV ballë në qytetin e Vorës; III-IV ballë në qytetet Kavajë, Tiranë, Krujë.  
( Intensity  $I_0 = \text{V}$  degree EMS-98, felt V degree at Durresi town; felt IV degree at Vora town; III-IV degree at Kavaja, Tirana and Kruja towns).

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

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



**-Fig. 3 -**

Harta e shpërndarjes në hapësirë të epiqendrave, në përputhje me magnitudo (madhësia e simbolit) dhe thellësinë (ngjyra e simbolit); Ngjarjet janë lokalizuar gjatë muajit Mars 2016, bazuar në regjistrimet e ASN dhe stacioneve sizmologjike në rajon.  
(Epicentral map for located seismicity within Albania and surrounding during March 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 <sup>o</sup> -43 <sup>o</sup> V; 18.5 <sup>o</sup> -21.5 <sup>o</sup> L)	[total recorded number of seismic events]	32
Numuri i ngjarjeve sizmike brenda kufirit shtetëror	[earthquakes occurred within state border]	25
Thellësia mesatare e vrojtuar (km)	[mean observed depth]	14
Thellësia maksimale e vrojtuar (km)	[maximum observed depth]	32
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]	4.3
Intensiteti maksimal i vrojtuar (MSK-64)	[maximum observed intensity]	V

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