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**BULETINI SIZMOLOGJIK**

Mars 2015

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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. Asoc. 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 përfuara 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. Olgert Gjuzi (Geologists/Observers) and scientific stuff: Prof. Asoc. 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)

$T_0$  – 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)

### B. Rrjeti Sizmologjik Virtual (Virtual Seismological Network)

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

Kodi	Regjistruar (Po/Jo)	Gjer. Gjeo.	Gjat. Gjeo.	Lartesia	Tipi i stacionit	Sensori	Terheqja e Informacionit	Komunikimi	$T_0$
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

### 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	$T_0$
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

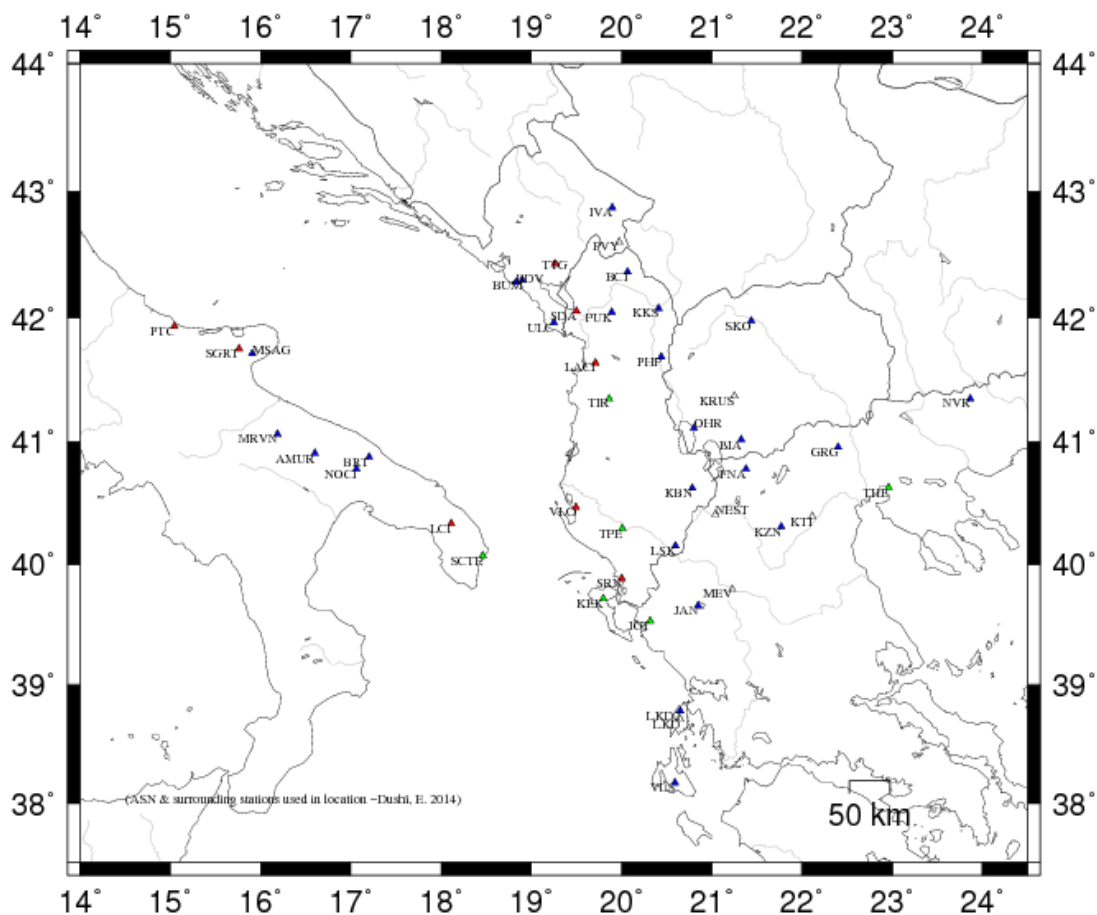
**Shënim:**

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

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	#	#	#	#	#

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 epiqendër), [horizontal location error, aproximately equal to the major epicenter's error ellipse].

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; kodit (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 – vibrate (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> ].
<b>Shënim:</b>	parametrat XMAG2 dhe FMAG2, së bashku me parametrat e tjerë suksesiv të indeksuar me #####2, paraqesin informacionin për magnitudat dytësore [ <i>secondary magnitude information parameters</i> ].

## **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 [ <i>alternative crustal velocity model used for that station</i> ].
NET	Kodi i rrjetit [ <i>the network code</i> ].

COM	komponentja e përdorur [ <i>3 –letters component code</i> ]
C	shkurtimi i kodit të rrjetit (1 karakter) [ <i>abbreviation for the station code</i> ]
R	Shënimi për stacionin [ <i>station remark</i> ]
DIST	Distanca epiqendrore [ <i>epicentral distance</i> ]
AZM	Azimuti stacion-hypoqendër [ <i>station azimuth in degree</i> ]
AN	Këndi i daljes së rezeve valore në sferën vatrore [ <i>emergence angle at the hypocenter</i> ]
P/S	Kodi i fazave të përcaktuara nga leximi në formën valore [ <i>phase code</i> ]
WT	Pesha e vlerësimit të fazave [ <i>weighted code</i> ].
SEC	Koha e vrojtuar për hyrjet valore [ <i>observed arrival time</i> ]
TOBS	Koha e vrojtuar e udhëtimit vatër-stacion për fazën sizmike [ <i>observed travel time</i> ]
TCAL	Koha e llogaritur nga modeli i shpejtësisë për udhëtimin vatër-stacion, të fazës sizmike [ <i>calculated travel time</i> ].
DLY	Vonesa në kohë, karakteristikë për stacionin [ <i>station delay</i> ].
RES	Diferenca në kohë-përhapjen, model-vrojtim. [ <i>Travel time residuals</i> ].
WT	Pesha e normalizuar, përfshirë këtu edhe peshën e caktuar dhënë më sipër [ <i>normalized weight</i> ].
SR	Kodi i burimit (1 karakter), që zakonisht i referohet rrjetit [ <i>1 letter source code</i> ]
R	Shënime lidhur me formën valore (sizmogramën), mbartur nga të dhënat fazore [ <i>Seismogram remark</i> ].
INFO	Informacioni për rëndësinë e kontributit të stacionit apo fazës në zgjidhjen e përgjithshme [ <i>the information of the importance of contribution</i> ].
CAL	Faktori 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 në amplitudë, [ <i>amplitude based magnitude weight code</i> ].
XMAG	Magnituda bazuar në amplitudë, për stacionin, [ <i>amplitude magnitude for that station</i> ].
T	Kodi për llojin e magnitudës [ <i>the magnitude type code assigned by XC1 &amp; XC2 commands</i> ].

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

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	SOURCE									
2015-03-01	1703	41.59	40 16.93	19E50.61	1.53	0.20	0.37	1.04	2.94	3.19												
NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X							
21	30	14.6	At1	97	9	0	19	9	21		6.00	0.31	L	3.00	0.10	D						
REGION= Bolenë, 15km P të Tepelenës, Rajoni Tepelenës (Bolenë, 15km W of Tepelena, Tepelena Region, Albania)																						
STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
TPE	AC	HHZ		14.6	84	61	P		44.91	3.32	3.09	0.00	0.23	1.09		0.235						
VLO	AC	HHN		36.1	306	61		6	0.00	-41.59	7.25	0.00		0.00		0.000	1.00		36	.34	3.57	L
							S		54.54	12.95	12.69	0.00	0.26	1.09S		0.310						
VLO	AC	HHZ		36.1	306	61	P		48.73	7.14	7.25	0.00	-0.11	1.09		0.249	1.00	43	3.09	D		
SRN	AC	HHN		46.6	163	51		6	0.00	-41.59	9.06	0.00		0.00		0.000	1.00		1.7	.30	2.36	L
							S		57.47	15.88	15.85	0.00	0.02	1.09S		0.425						
SRN	AC	HHZ		46.6	163	51	P		50.61	9.02	9.06	0.00	-0.04	1.09		0.174	1.00	47	3.19	D		
LSK	AC	HHE		65.9	102	51		6	60.00	18.41	12.38	0.00		0.00		0.000	1.00		4.4	.62	3.03	L
							S		63.05	21.46	21.67	0.00	-0.21	1.09S		0.244						
LSK	AC	HHZ		65.9	102	51	P		53.75	12.16	12.38	0.00	-0.22	1.09		0.133						
KBN	AC	HHE		88.6	64	51		6	60.00	18.41	16.27	0.00		0.00		0.000	1.00		1.7	.41	2.85	L
							S		69.92	28.33	28.47	0.00	-0.14	1.09S		0.233						
KBN	AC	HHZ		88.6	64	51	P		58.13	16.54	16.27	0.00	0.27	1.09		0.138	1.00	52	3.31	D		
IGT	AC	HHZ		93.1	153	51	P		58.83	17.24	17.05	0.00	0.19	1.09		0.165						
TIR	AC	HHE		118.3	0	51		6	60.00	18.41	21.38	0.00		0.00		0.000	1.00		0.78	.74	2.73	L
							S		78.85	37.26	37.41	0.00	-0.15	1.09S		0.297						
TIR	AC	HHZ		118.3	0	51	P		62.82	21.23	21.38	0.00	-0.15	1.09		0.157						
SCTE	AC	HHE		119.3	260	51	S		79.21	37.62	37.71	0.00	-0.09	1.09S		0.458						
SCTE	AC	HHZ		119.3	260	51	P		63.02	21.43	21.55	0.00	-0.12	1.09		0.182						
FNA	AC	HHE		141.8	66	51	S		86.34	44.75	44.47	0.00	0.28	1.05S		0.215						
FNA	AC	HHZ		141.8	66	51	P		66.58	24.99	25.41	0.00	-0.42	0.80		0.073						
PHP	AC	HHN		163.7	17	46		6	60.00	18.41	29.01	0.00		0.00		0.000	1.00		1.6	.69	3.34	L
							S		92.60	51.01	50.77	0.00	0.24	0.87S		0.203						
PHP	AC	HHZ		163.7	17	46	P		71.26	29.67	29.01	0.00	0.66*	0.00		0.000						
LKD2	AC	HHZ		179.9	156	46	P		73.38	31.79	31.61	0.00	0.18	0.67		0.054						
LKD2	AC	HHN		179.9	156	46	S		97.38	55.79	55.32	0.00	0.47	0.34S		0.045						
PUK	AC	HHZ		195.6	1	46	P		74.79	33.20	34.10	0.00	-0.90*	0.00		0.000						



YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2015-03-02 0109 57.06 40 44.84 19E55.61 0.00 0.15 0.37 0.85 2.44 2.75

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 30.6 At1 92 5 0 21 10 22 # 7.00 0.19 L 4.00 0.02 D  
 REGION= 5km VL të Beratit, Rajoni Beratit (5km NE 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
FIER	AC	HHZ		30.6	264	61	P		63.40	6.34	6.34	0.00	0.00	1.04		0.283			
VLO	AC	HHE		47.9	230	51		6	60.00	2.94	9.48	0.00		0.00		0.000	1.00		4.5 .31 2.79 L
							S		73.74	16.68	16.59	0.00	0.09	1.04S		0.449			
VLO	AC	HHZ		47.9	230	51	P		66.52	9.46	9.48	0.00	-0.02	1.04		0.168	1.00	27	2.72 D
TPE	AC	HHZ		50.9	171	51			67.01	9.95	10.00	0.00	-0.05	1.04		0.118			
TIR	AC	HHN		66.9	356	51		6	60.00	2.94	12.75	0.00		0.00		0.000	1.00		185 .20 4.67 L
							S		79.46	22.40	22.31	0.00	0.09	1.04S		0.228			
TIR	AC	HHZ		66.9	356	51	P		69.68	12.62	12.75	0.00	-0.13	1.04		0.148	1.00	27	2.74 D
LSK	AC	HHN		87.5	139	51	S		85.56	28.50	28.51	0.00	-0.01	1.04S		0.225			
LSK	AC	HHZ		87.5	139	51	P		73.14	16.08	16.29	0.00	-0.21	1.04		0.149	1.00	32	2.90 D
LSK	AC	HHE		87.5	139	51		6	60.00	2.94	16.29	0.00		0.00		0.000	1.00		0.44 .56 2.25 L
SRN	AC	HHE		96.5	176	51		6	60.00	2.94	17.84	0.00		0.00		0.000	1.00		0.23 .36 2.04 L
							S		88.39	31.33	31.22	0.00	0.11	1.04S		0.210			
SRN	AC	HHZ		96.5	176	51	P		74.96	17.90	17.84	0.00	0.06	1.04		0.117	1.00	27	2.76 D
PHP	AC	HHZ		112.7	22	51	P		76.98	19.92	20.62	0.00	-0.70*	0.00		0.000			
PHP	AC	HHN		112.7	22	51		6	60.00	2.94	20.62	0.00		0.00		0.000	1.00		0.30 .37 2.27 L
							S		93.32	36.26	36.08	0.00	0.18	1.04S		0.209			
FNA	AC	HHN		123.1	87	51	S		96.48	39.42	39.22	0.00	0.20	1.04S		0.315			
FNA	AC	HHZ		123.1	87	51	P		79.43	22.37	22.41	0.00	-0.04	1.04		0.204			
IGT	AC	HHE		139.3	165	51	S		101.08	44.02	44.08	0.00	-0.06	1.04S		0.197			
IGT	AC	HHZ		139.3	165	51	P		82.38	25.32	25.19	0.00	0.13	1.04		0.121			
PUK	AC	HHN		143.9	359	51		6	60.00	2.94	25.98	0.00		0.00		0.000	1.00		0.27 .43 2.44 L
							S		102.80	45.74	45.47	0.00	0.27	0.94S		0.182			
PUK	AC	HHZ		143.9	359	51	P		82.75	25.69	25.98	0.00	-0.29	0.91		0.114			
BCI	AC	HHE		180.2	3	46		6	60.00	2.94	31.88	0.00		0.00		0.000	1.00		0.181.01 2.49 L
							S		112.96	55.90	55.79	0.00	0.11	1.03S		0.242			
BCI	AC	HHZ		180.2	3	46	P		89.16	32.10	31.88	0.00	0.22	1.03		0.115			
LKD2	AC	HHN		226.3	163	40	S		125.83	68.77	68.53	0.00	0.24	0.75S		0.161			
LKD2	AC	HHZ		226.3	163	40	P		95.95	38.89	39.16	0.00	-0.27	0.72		0.035			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2015-03-02 0439 10.75 40 18.50 19E51.04 0.01 0.21 0.50 1.29 3.36 3.30

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 35.0 At1 137 5 0 10 5 12 # 5.00 0.20 L 4.00 0.09 D  
 REGION= Bolenë, 15km P të Tepelenës, Rajoni Tepelenës (Bolenë, 15km W of Tepelena, Tepelena Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T	
VLO	AC	HHZ		35.0	301	61	P		18.04	7.29	7.19	0.00	0.10	1.48		0.463	1.00	47	3.16 D	
VLO	AC	HHN		35.0	301	61	S		23.62	12.87	12.58	0.00	0.29	1.48S		0.656				
VLO	AC	HHE		35.0	301	61		6	0.00-10.75	7.19	0.00			0.00		0.000	1.00		35 .36	3.56 L
SRN	AC	HHZ		49.3	164	51	P		20.22	9.47	9.72	0.00	-0.25	1.48		0.357	1.00	49	3.23 D	
SRN	AC	HHN		49.3	164	51		6	0.00-10.75	9.72	0.00			0.00		0.000	1.00		4.5 .30	2.81 L
							S		27.82	17.07	17.01	0.00	0.06	1.48S		0.778				
LSK	AC	HHZ		66.1	105	51	P		23.30	12.55	12.61	0.00	-0.06	1.48		0.449	1.00	56	3.36 D	
LSK	AC	HHE		66.1	105	51		6	0.00-10.75	12.61	0.00			0.00		0.000	1.00		5.4 .54	3.12 L
							S		33.09	22.34	22.07	0.00	0.27	1.48S		0.483				
PHP	AC	HHZ		160.7	17	46	P		39.96	29.21	28.77	0.00	0.44	0.72		0.095	1.00	54	3.41 D	
PHP	AC	HHN		160.7	17	46		6	60.00	49.25	28.77	0.00		0.00		0.000	1.00		2.0 .68	3.41 L
							S		61.32	50.57	50.35	0.00	0.22	1.15S		0.531				
PUK	AC	HHZ		192.6	1	46	P		44.37	33.62	33.86	0.00	-0.24	0.57		0.053				
PUK	AC	HHN		192.6	1	46	S		69.87	59.12	59.26	0.00	-0.14	0.57S		0.129				
BCI	AC	HHZ		229.3	4	37	P		49.88	39.13	39.58	0.00	-0.45	0.03		0.000				
BCI	AC	HHN		229.3	4	37		6	60.00	49.25	39.58	0.00		0.00		0.000	1.00		0.71 .66	3.36 L
							S		79.77	69.02	69.26	0.00	-0.25	0.06S		0.001				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2015-03-02 2144 12.00 39 42.32 20E27.80 4.21 0.30 0.87 1.75 2.71

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 22.4 At1 155 8 0 9 5 10 0.00 0.00 L 2.00 0.02 D  
 REGION= 40km JL të Sarandës, Rajoni Sarandës (40km 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
IGT	AC	HHZ		22.4	211	96	P		16.17	4.17	4.58	0.00	-0.41	1.24		0.410			
IGT	AC	HHE		22.4	211	96	S		20.41	8.41	8.01	0.00	0.40	1.24S		0.548			
SRN	AC	HHZ		44.1	297	62	P		19.44	7.44	8.37	0.00	-0.93*	0.08		0.001	1.00	27	2.72 D
SRN	AC	HHN		44.1	297	62	S		26.60	14.60	14.65	0.00	-0.05	1.24S		0.970			
LSK	AC	HHZ		50.7	13	62	P		21.22	9.22	9.50	0.00	-0.28	1.24		0.283	1.00	26	2.69 D
LSK	AC	HHE		50.7	13	62	S		28.84	16.84	16.63	0.00	0.22	1.24S		0.385			
LKD2	AC	HHE		103.1	170	62	S		44.07	32.07	32.38	0.00	-0.31	0.96S		0.790			
LKD2	AC	HHZ		103.1	170	62	P		30.94	18.94	18.50	0.00	0.44	0.96		0.238			
KBN	AC	HHZ		105.6	15	62	P		30.96	18.96	18.94	0.00	0.02	0.91		0.156			
KBN	AC	HHE		105.6	15	62	S		45.34	33.34	33.14	0.00	0.20	0.91S		0.213			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2015-03-04 2217 7.71 40 34.19 20E 0.04 1.01 0.13 0.29 0.83 3.86 3.66

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 44.3 At1 97 10 0 20 10 20 8.00 0.13 L 5.00 0.13 D

REGION= Përparim, Rajoni Beratit (Përparim, 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	HHZ		44.3	256	51	P		16.49	8.78	8.73	0.00	0.05	1.10		0.190	1.00	60	3.39 D
VLO	AC	HHN		44.3	256	51	S		23.21	15.50	15.28	0.00	0.22	1.10S		0.322			
VLO	AC	HHE		44.3	256	51		6	0.00	-7.71	8.73	0.00		0.00		0.000	1.00		66 .18 3.92 L
KBN	AC	HHZ		66.9	84	51	P		20.35	12.64	12.61	0.00	0.03	1.10		0.210	1.00	80	3.66 D
KBN	AC	HHN		66.9	84	51		6	0.00	-7.71	12.61	0.00		0.00		0.000	1.00		46 .75 4.07 L
								S	29.70	21.99	22.07	0.00	-0.08	1.10S		0.310			
LSK	AC	HHZ		69.0	132	51	P		20.33	12.62	12.97	0.00	-0.35	0.28		0.012	1.00	93	3.79 D
LSK	AC	HHN		69.0	132	51		6	0.00	-7.71	12.97	0.00		0.00		0.000	1.00		23 .63 3.80 L
								S	30.52	22.81	22.70	0.00	0.11	1.10S		0.296			
SRN	AC	HHZ		76.6	181	51	P		22.07	14.36	14.28	0.00	0.08	1.10		0.167			
SRN	AC	HHE		76.6	181	51	S		32.59	24.88	24.99	0.00	-0.11	1.10S		0.249			
SRN	AC	HHN		76.6	181	51		6	0.00	-7.71	14.28	0.00		0.00		0.000	1.00		14 .68 3.66 L
TIR	AC	HHZ		87.1	353	51	P		23.96	16.25	16.09	0.00	0.16	1.10		0.179	1.00	74	3.61 D
TIR	AC	HHE		87.1	353	51		6	0.00	-7.71	16.09	0.00		0.00		0.000	1.00		15 .72 3.77 L
								S	35.62	27.91	28.16	0.00	-0.25	1.07S		0.207			
TIR	AC	HHN		87.1	353	51		6	0.00	-7.71	16.09	0.00		0.00		0.000	1.00		9.7 .63 3.59 L
IGT	AC	HHZ		118.7	166	51	P		29.18	21.47	21.51	0.00	-0.04	1.10		0.173			
IGT	AC	HHE		118.7	166	51	S		45.39	37.68	37.64	0.00	0.04	1.10S		0.256			
PHP	AC	HHZ		129.2	16	51	P		31.10	23.39	23.32	0.00	0.07	1.10		0.182	1.00	92	3.83 D
PHP	AC	HHN		129.2	16	51		6	0.00	-7.71	23.32	0.00		0.00		0.000	1.00		12 .60 3.98 L
								S	48.53	40.82	40.81	0.00	0.01	1.10S		0.216			
SCTE	AC	HHZ		141.2	248	51	P		32.99	25.28	25.39	0.00	-0.11	1.10		0.187			
SCTE	AC	HHE		141.2	248	51	S		51.95	44.24	44.43	0.00	-0.19	1.10S		0.315			
PUK	AC	HHZ		163.8	357	46	P		36.49	28.78	29.11	0.00	-0.33	0.45		0.023			
PUK	AC	HHE		163.8	357	46		6	0.00	-7.71	29.11	0.00		0.00		0.000	1.00		7.2 .69 3.99 L
								S	58.80	51.09	50.94	0.00	0.15	1.09S		0.245			
BCI	AC	HHZ		199.6	1	46	P		42.32	34.61	34.83	0.00	-0.22	0.89		0.091			
BCI	AC	HHN		199.6	1	46	S		68.76	61.05	60.95	0.00	0.10	0.89S		0.161			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2015-03-06 2129 25.75 41 53.45 20E 9.52 5.94 0.06 0.45 1.63 2.31 2.26

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 27.8 Atl 142 9 0 7 4 9 3.00 0.03 L 3.00 0.02 D  
 REGION= Klos, Rajoni Burrelit (Klos, 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
PUK	AC	HHZ		27.8	308	62	P		31.22	5.47	5.40	0.00	0.07	1.14		0.443	1.00	17	2.26 D
PUK	AC	HHN		27.8	308	62		6	0.00-25.75	5.40	0.00			0.00		0.000	1.00		2.5 .63 2.34 L
							S		35.20	9.45	9.45	0.00	0.00	1.14S		0.517			
PHP	AC	HHZ		32.8	134	62	P		31.92	6.17	6.27	0.00	-0.10	1.14		0.487	1.00	16	2.24 D
PHP	AC	HHN		32.8	134	62		6	0.00-25.75	6.27	0.00			0.00		0.000	1.00		2.1 .34 2.31 L
							S		36.78	11.03	10.97	0.00	0.06	1.14S		0.726			
BCI	AC	HHZ		53.4	352	62	P		35.59	9.84	9.81	0.00	0.03	1.14		0.389	1.00	24	2.63 D
BCI	AC	HHE		53.4	352	62		6	0.00-25.75	9.81	0.00			0.00		0.000	1.00		0.58 .43 1.97 L
							S		42.87	17.12	17.17	0.00	-0.05	1.14S		0.661			
TIR	AC	HHZ		65.1	203	62	P		37.30	11.55	11.82	0.00	-0.27	0.00		0.000			
TIR	AC	HHE		65.1	203	62	S		46.41	20.66	20.68	0.00	-0.02	1.14S		0.772			
FNA	AC	HHZ		160.3	139	55	P		53.46	27.71	27.97	0.00	-0.26	0.00		0.000			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2015-03-07 2020 32.31 40 21.24 20E31.76 4.21 0.04 0.74 0.99 1.96 2.31

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	23.4	Atl	137	8	0	9	4	11		3.00	0.05 L	3.00 0.02 D

REGION= Ersek, Rajoni Kolonjes (Ersek, Kolonja 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		23.4	165	96	P		37.04	4.73	4.77	0.00	-0.04	1.12		0.416	1.00	18	2.29 D
LSK	AC	HHE		23.4	165	96	S		40.70	8.39	8.35	0.00	0.04	1.12S		0.643			
LSK	AC	HHN		23.4	165	96		6	0.00-32.31	4.77	0.00			0.00		0.000	1.00		2.9 .28 2.35 L
KBN	AC	HHZ		37.1	36	62	P		39.47	7.16	7.16	0.00	0.00	1.12		0.392	1.00	17	2.31 D
KBN	AC	HHN		37.1	36	62	S		44.86	12.55	12.53	0.00	0.02	1.12S		0.723			
KBN	AC	HHE		37.1	36	62		6	0.00-32.31	7.16	0.00			0.00		0.000	1.00		0.86 .37 1.96 L
SRN	AC	HHZ		69.3	221	62	P		44.95	12.64	12.70	0.00	-0.06	1.12		0.430	1.00	19	2.44 D
SRN	AC	HHN		69.3	221	62		6	0.00-32.31	12.70	0.00			0.00		0.000	1.00		0.29 .47 1.91 L
							S		54.60	22.29	22.23	0.00	0.07	1.12S		0.537			
IGT	AC	HHZ		92.9	191	62	P		49.06	16.75	16.75	0.00	0.00	1.08		0.130			
IGT	AC	HHN		92.9	191	62	S		61.57	29.26	29.31	0.00	-0.05	1.08S		0.719			
PHP	AC	HHZ		148.0	358	55	P		58.62	26.31	26.19	0.00	0.12	0.10		0.006			
PHP	AC	HHN		148.0	358	55	S		77.58	45.27	45.83	0.00	-0.56*	0.00S		0.000			
LKD2	AC	HHZ		174.1	176	55	P		63.12	30.81	30.36	0.00	0.45	0.00		0.000			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2015-03-09 0012 1.14 41 31.16 19E33.18 4.00 0.19 0.37 1.19 2.86

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 32.3 At1 258 5 0 8 4 8 # 0.00 0.00 L 3.00 0.02 D  
 REGION= Shën-Pjetër, Gjiri Lazlit, Rajoni Durrësit (Shën-Pjetër, Durrësi Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
TIR	AC	HHZ		32.3	126	61	P		7.80	6.66	6.67	0.00	-0.01	1.00		0.434	1.00	22	2.50 D
TIR	AC	HHE		32.3	126	61	S		13.05	11.91	11.67	0.00	0.24	1.00S		0.815			
PUK	AC	HHZ		64.6	25	51	P		13.66	12.52	12.36	0.00	0.16	1.00		0.309	1.00	32	2.88 D
PUK	AC	HHN		64.6	25	51	S		22.86	21.72	21.63	0.00	0.09	1.00S		0.424			
PHP	AC	HHZ		76.3	75	51	P		15.24	14.10	14.36	0.00	-0.26	1.00		0.434	1.00	31	2.86 D
PHP	AC	HHN		76.3	75	51	S		26.06	24.92	25.13	0.00	-0.21	1.00S		0.814			
BCI	AC	HHZ		103.3	24	51	P		19.94	18.80	19.02	0.00	-0.22	1.00		0.314			
BCI	AC	HHN		103.3	24	51	S		34.62	33.48	33.28	0.00	0.19	1.00S		0.453			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2015-03-09 1137 47.99 40 11.13 19E59.15 2.05 0.29 0.50 1.22 2.80 2.90

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 21 29 12.3 At1 83 22 0 10 4 21 # 4.00 0.27 L 4.00 0.10 D  
 REGION= Zhulat, 15km VP të Gjirokastrës, Rajoni Tepelenës (Zhulat, 15km 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	HHE		12.3	11	90	S		52.17	4.18	4.53	0.00	-0.35	1.49S		0.620			
TPE	AC	HHZ		12.3	11	90	P		50.66	2.67	2.59	0.00	0.08	1.49		0.344			
HIMA	AC	HHZ		22.2	241	90	P		52.60	4.61	4.51	0.00	0.10	1.49		0.360			
SRN	AC	HHN		33.9	177	90		6	0.00-47.99	6.78	0.00			0.00		0.000	1.00		3.6 .54 2.55 L
							S		59.54	11.55	11.86	0.00	-0.32	1.49S		0.500			
SRN	AC	HHZ		33.9	177	90	P		54.72	6.73	6.78	0.00	-0.05	1.49		0.283	1.00	30	2.77 D
VLO	AC	HHN		52.2	308	62		6	60.00	12.01	9.95	0.00		0.00		0.000	1.00		12 .30 3.28 L
							S		65.16	17.17	17.41	0.00	-0.24	1.33S		0.708			
VLO	AC	HHZ		52.2	308	62	P		58.40	10.41	9.95	0.00	0.46	1.31		0.235	1.00	31	2.84 D
LSK	AC	HHE		52.4	94	62		6	60.00	12.01	9.98	0.00		0.00		0.000	1.00		7.2 .77 3.05 L
							S		65.82	17.83	17.47	0.00	0.37	1.33S		0.697			
LSK	AC	HHZ		52.4	94	62	P		57.60	9.61	9.98	0.00	-0.37	1.33		0.244	1.00	40	3.06 D
IGT	AC	HHE		78.4	157	62	S		73.80	25.81	25.27	0.00	0.44	0.09S		0.002			
IGT	AC	HHZ		78.4	157	62	P		62.39	14.40	14.44	0.00	-0.04	0.12		0.001			
KBN	AC	HHE		83.6	54	62		6	60.00	12.01	15.35	0.00		0.00		0.000	1.00		0.86 .34 2.51 L
							S		74.53	26.54	26.86	0.00	-0.32	0.01S		0.000			

KBN	AC	HHZ	83.6	54	62	P	62.94	14.95	15.35	0.00	-0.40	0.01	0.000	1.00	34	2.95	D
TIR	AC	HHZ	129.5	356	62	P	71.66	23.67	23.22	0.00	0.45	0.00	0.000				
SCTE	AC	HHE	129.9	266	62	S	88.48	40.49	40.77	0.00	-0.28	0.00S	0.000				
SCTE	AC	HHZ	129.9	266	62	P	71.09	23.10	23.30	0.00	-0.20	0.00	0.000				
FNA	AC	HHZ	135.8	60	62	P	71.79	23.80	24.31	0.00	-0.49	0.00	0.000				
LKD2	AC	HHN	165.5	159	55	S	99.30	51.31	51.13	0.00	0.17	0.00S	0.000				
LKD2	AC	HHZ	165.5	159	55	P	77.34	29.35	29.22	0.00	0.13	0.00	0.000				
PHP	AC	HHZ	170.8	12	55	P	78.84	30.85	30.08	0.00	0.77*	0.00	0.000				
PUK	AC	HHZ	206.4	358	55	P	83.06	35.07	35.75	0.00	-0.68*	0.00	0.000				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2015	03	11	2235	54.93	41 24.23	19E57.93	2.03	0.07	0.13	1.86		2.43

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	10.5	Atl	183	7	0	4	2	6	-	0.00	0.00	L	3.00	0.14	D

REGION= 9km VL të Tiranës, Rajoni Tiranës (9km NE 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		10.5	234	90	P		57.17	2.24	2.30	0.00	-0.06	1.77		0.757	1.00	19	2.27	D
TIR	AC	HHE		10.5	234	90	S		58.99	4.06	4.03	0.00	0.03	1.77S		0.920				
PHP	AC	HHZ		50.5	51	51	P		64.75	9.82	9.93	0.00	-0.11	1.22		0.488	1.00	19	2.43	D
PHP	AC	HHN		50.5	51	51	S		72.37	17.44	17.38	0.00	0.06	1.22S		0.832				
PUK	AC	HHZ		71.2	356	51	P		68.62	13.69	13.49	0.00	0.20	0.00		0.036	1.00	22	2.57	D
PUK	AC	HHE		71.2	356	51	S		78.42	23.49	23.61	0.00	-0.12	0.01S		0.963				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2015	03	11	2345	1.94	41 18.80	20E18.86	2.01	0.38	0.94	2.05		2.80

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
14	21	37.8	Atl	138	5	0	14	7	14	#	0.00	0.00	L	4.00	0.07	D

REGION= Zdrajç, Rajoni Peshkopisë (Zdrajç, 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		37.8	276	61	P		9.50	7.56	7.74	0.00	-0.18	1.05		0.344	1.00	29	2.76	D
TIR	AC	HHN		37.8	276	61	S		15.29	13.35	13.55	0.00	-0.19	1.05S		0.595				
PHP	AC	HHZ		42.6	14	51	P		10.39	8.45	8.58	0.00	-0.13	1.05		0.267	1.00	24	2.62	D
PHP	AC	HHN		42.6	14	51	S		16.28	14.34	15.01	0.00	-0.68*	0.95S		0.340				
KBN	AC	HHZ		86.3	152	51	P		18.27	16.33	16.09	0.00	0.24	1.05		0.248	1.00	30	2.84	D
KBN	AC	HHE		86.3	152	51	S		30.47	28.53	28.16	0.00	0.37	1.05S		0.336				
PUK	AC	HHZ		88.3	337	51	P		18.13	16.19	16.43	0.00	-0.24	1.05		0.176	1.00	32	2.90	D
PUK	AC	HHN		88.3	337	51	S		30.99	29.05	28.75	0.00	0.30	1.05S		0.310				

BCI	AC	HHZ	118.8	351	51	P	24.37	22.43	21.67	0.00	0.76*	0.74	0.098
BCI	AC	HHN	118.8	351	51	S	40.26	38.32	37.92	0.00	0.40	1.05S	0.310
LSK	AC	HHZ	131.4	169	51	P	25.23	23.29	23.84	0.00	-0.55*	1.05	0.211
LSK	AC	HHE	131.4	169	51	S	43.22	41.28	41.72	0.00	-0.44	1.05S	0.303
SRN	AC	HHZ	161.4	190	46	P	30.98	29.04	28.87	0.00	0.17	0.93	0.122
SRN	AC	HHN	161.4	190	46	S	52.80	50.86	50.52	0.00	0.34	0.93S	0.333

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2015-03-12	0639	4.32	39 56.71	20E 7.35	0.02	0.11	2.91	4.48			2.47	

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X
5	7	12.7	Atl	184	9	0	5	2	5	#	0.00	0.00 L	2.00	0.45	D

REGION= 3km JL të Delvinës, Rajoni Sarandës (3km SE of Delvina, 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		12.7	236	90	P		7.11	2.79	2.79	0.00	0.00	1.13		0.853	1.00	14	2.02 D
SRN	AC	HHN		12.7	236	90	S		9.13	4.81	4.88	0.00	-0.07	1.13S		0.952			
LSK	AC	HHZ		46.6	60	51	P		13.64	9.32	9.26	0.00	0.06	1.13		1.000	1.00	34	2.91 D
IGT	AC	HHZ		49.2	158	51	P		13.75	9.43	9.72	0.00	-0.29	0.50		0.244			
IGT	AC	HHE		49.2	158	51	S		21.48	17.16	17.01	0.00	0.15	1.10S		0.949			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2015-03-12	2217	48.45	40 42.65	20E20.73	22.12	0.29	0.49	26.95	2.62	2.68		

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	34	35.1	Atl	60	5	0	22	11	22	-	3.00	0.09 L	7.00	0.04	D

REGION= 3km ne Lindje te Beratit, Tajoni Beratit ( 3km E 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
POGRAAC	HHN			35.1	53	90	S		61.40	12.95	12.53	0.00	0.42	1.01S		0.231			
POGRAAC	HHZ			35.1	53	90	P		55.90	7.45	7.16	0.00	0.29	1.01		0.115			
KBN	AC	HHN		38.6	104	90		6	60.00	11.55	7.72	0.00		0.00		0.000	1.00		5.1 .50 2.82 L
							S		61.99	13.54	13.51	0.00	0.03	1.01S		0.277			
KBN	AC	HHZ		38.6	104	90	P		56.04	7.59	7.72	0.00	-0.13	1.01		0.135	1.00	27	2.85 D
ELBA	AC	HHN		50.3	334	90	S		65.17	16.72	16.76	0.00	-0.05	1.01S		0.152			
ELBA	AC	HHZ		50.3	334	90	P		57.78	9.33	9.58	0.00	-0.25	1.01		0.075			
TPE	AC	HHN		54.0	212	90	S		66.69	18.24	17.81	0.00	0.42	1.01S		0.171			
TPE	AC	HHZ		54.0	212	90	P		58.48	10.03	10.18	0.00	-0.15	1.01		0.086			
FIER	AC	HHN		65.8	271	90	S		70.01	21.56	21.10	0.00	0.46	1.00S		0.180			
FIER	AC	HHZ		65.8	271	90	P		60.11	11.66	12.06	0.00	-0.40	1.01		0.083			
LSK	AC	HHN		65.9	160	90		6	60.00	11.55	12.08	0.00		0.00		0.000	1.00		1.6 .47 2.62 L





					S	105.61	50.47	50.07	0.00	0.40	0.00S	0.000	
PHP	AC	HHZ	162.1	18	55	P	84.16	29.02	28.61	0.00	0.41	0.00	0.000
LKD2	AC	HHZ	182.5	156	55	P	87.04	31.90	31.85	0.00	0.05	0.00	0.000

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2015-03-13	2304	4.88	40	30.68	19E56.04	1.49	0.18	0.39	1.01	2.19	2.82	

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	30.6	At1	75	8	0	19	8	20		4.00	0.10 L	5.00 0.09 D

REGION= Izvor, 24km në V të Tepetenës, Rajoni Tepelenës (Izvor, 24km N of Tepelena, Tepelena Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
TPE	AC	HHE		30.6	142	61	S		15.60	10.72	10.81	0.00	-0.10	1.10S		0.209			
TPE	AC	HHZ		30.6	142	61	P		11.03	6.15	6.18	0.00	-0.03	1.10		0.227			
VLO	AC	HHN		37.5	263	51		6	0.00	-4.88	7.50	0.00		0.00		0.000	1.00		6.5 .18 2.84 L
							S		17.81	12.93	13.13	0.00	-0.20	1.10S		0.396			
VLO	AC	HHZ		37.5	263	51	P		12.34	7.46	7.50	0.00	-0.04	1.10		0.210	1.00	26	2.67 D
FIER	AC	HHE		38.6	307	51	S		18.58	13.70	13.44	0.00	0.26	1.10S		0.299			
FIER	AC	HHZ		38.6	307	51	P		12.75	7.87	7.68	0.00	0.19	1.10		0.175			
ELBASAC	AC	HHZ		68.3	10	51	P		18.69	13.81	12.79	0.00	1.02*	0.00		0.000			
LSK	AC	HHN		69.3	125	51		6	0.00	-4.88	12.96	0.00		0.00		0.000	1.00		0.66 .46 2.26 L
							S		27.71	22.83	22.68	0.00	0.15	1.10S		0.314			
LSK	AC	HHZ		69.3	125	51	P		17.90	13.02	12.96	0.00	0.06	1.10		0.139	1.00	33	2.91 D
SRN	AC	HHE		70.3	175	51		6	0.00	-4.88	13.14	0.00		0.00		0.000	1.00		0.42 .41 2.08 L
							S		27.86	22.98	22.99	0.00	-0.01	1.10S		0.282			
SRN	AC	HHZ		70.3	175	51	P		18.36	13.48	13.14	0.00	0.34	1.04		0.131	1.00	29	2.80 D
KBN	AC	HHZ		73.3	79	51	P		18.47	13.59	13.66	0.00	-0.07	1.10		0.193	1.00	33	2.91 D
TIR	AC	HHE		93.1	357	51		6	0.00	-4.88	17.05	0.00		0.00		0.000	1.00		0.29 .50 2.11 L
							S		34.78	29.90	29.84	0.00	0.06	1.10S		0.361			
TIR	AC	HHZ		93.1	357	51	P		21.89	17.01	17.05	0.00	-0.04	1.10		0.177	1.00	29	2.82 D
IGT	AC	HHE		113.9	162	51	S		40.86	35.98	36.10	0.00	-0.12	1.09S		0.258			
IGT	AC	HHZ		113.9	162	51	P		25.95	21.07	20.63	0.00	0.44	0.57		0.035			
SCTE	AC	HHZ		133.6	250	51	P		28.59	23.71	24.01	0.00	-0.30	0.94		0.155			
PHP	AC	HHN		137.1	17	51	S		47.82	42.94	43.07	0.00	-0.13	0.90S		0.290			
PHP	AC	HHZ		137.1	17	51	P		29.17	24.29	24.61	0.00	-0.32	0.87		0.122			
PUK	AC	HHZ		170.1	359	46	P		34.79	29.91	30.05	0.00	-0.14	0.40		0.019			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2015-03-14	0338	20.45	41	9.49	20E 2.20	3.79	0.09	1.11	1.63	1.74	2.35	

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 25.5 At1 153 5 0 7 3 7 3.00 0.11 L 3.00 0.10 D  
 REGION= Elbasan, Rajoni Elbasanit (Elbasan, 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		25.5	326	94	P		25.57	5.12	5.16	0.00	-0.04	1.11		0.451	1.00	17	2.25 D
TIR	AC	HHN		25.5	326	94		6	0.00-20.45	5.16	0.00			0.00		0.000	1.00		0.87 .57 1.85 L
							S		29.51	9.06	9.03	0.00	0.03	1.11S		0.691			
PHP	AC	HHZ		67.5	29	62	P		32.75	12.30	12.43	0.00	-0.13	1.11		0.453	1.00	17	2.35 D
PHP	AC	HHN		67.5	29	62		6	0.00-20.45	12.43	0.00			0.00		0.000	1.00		0.16 .20 1.62 L
							S		42.29	21.84	21.75	0.00	0.09	1.11S		0.685			
PUK	AC	HHZ		99.0	354	62	P		38.40	17.95	17.83	0.00	0.12	1.08		0.260	1.00	21	2.55 D
PUK	AC	HHE		99.0	354	62		6	0.00-20.45	17.83	0.00			0.00		0.000	1.00		0.11 .28 1.74 L
							S		51.56	31.11	31.20	0.00	-0.09	1.08S		0.826			
SRN	AC	HHZ		142.0	182	62	P		45.74	25.29	25.22	0.00	0.07	0.40		0.631			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2015-03-14 1747 3.44 41 57.12 20E 4.97 2.81 0.03 0.69 1.52 1.77

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 6 9 18.7 At1 169 9 0 5 3 6 0.00 0.00 L 1.00 0.00 D  
 REGION= 7km VP të Klosit, Rajoni Burrelit (7km W of Klosi, 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
PUK	AC	HHZ		18.7	303	61	P		6.93	3.49	3.85	0.00	-0.36	0.00		0.000	1.00	10	1.77 D
PUK	AC	HHN		18.7	303	61		S	10.18	6.74	6.74	0.00	0.00	1.00S		0.999			
PHP	AC	HHZ		42.0	134	51	P		11.64	8.20	8.23	0.00	-0.03	1.00		0.623			
PHP	AC	HHN		42.0	134	51		S	17.87	14.43	14.40	0.00	0.03	1.00S		0.876			
BCI	AC	HHZ		46.1	359	51	P		12.41	8.97	8.93	0.00	0.04	1.00		0.623			
BCI	AC	HHE		46.1	359	51		S	19.05	15.61	15.63	0.00	-0.02	1.00S		0.876			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2015-03-15 0415 28.29 40 24.48 19E35.07 11.92 0.61 0.69 0.32 2.58

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 10.1 At1 102 11 0 16 8 16 # 0.00 0.00 L 2.00 0.43 D  
 REGION= 9km JL të Vlorës, Rajoni Vlorës (9km SE of Vlora, Vlora Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
VLO	AC	HHZ		10.1	312	136	P		30.70	2.41	2.91	0.00	-0.50	1.50		0.259	1.00	16	2.15 D
VLO	AC	HHE		10.1	312	136		S	34.10	5.81	5.09	0.00	0.72*	1.50S		0.600			

SRN	AC	HHZ	68.5	148	95	P	39.84	11.55	12.45	0.00	-0.90*	1.50	0.131	1.00	36	3.01	D
SRN	AC	HHE	68.5	148	95	S	50.08	21.79	21.79	0.00	0.00	1.50S	0.276				
LSK	AC	HHZ	90.9	108	94	P	44.15	15.86	16.28	0.00	-0.42	1.50	0.113				
LSK	AC	HHE	90.9	108	94	S	57.07	28.78	28.49	0.00	0.29	1.50S	0.260				
SCTE	AC	HHZ	101.8	250	78	P	45.87	17.58	18.13	0.00	-0.55*	1.50	0.247				
SCTE	AC	HHE	101.8	250	78	S	60.44	32.15	31.73	0.00	0.42	1.50S	0.535				
KBN	AC	HHN	104.7	76	78	S	61.50	33.21	32.58	0.00	0.63*	1.50S	0.215				
KBN	AC	HHZ	104.7	76	78	P	46.38	18.09	18.62	0.00	-0.53*	1.50	0.094				
TIR	AC	HHZ	107.0	12	78	P	48.05	19.76	19.01	0.00	0.75*	1.50	0.130				
TIR	AC	HHE	107.0	12	78	S	62.21	33.92	33.27	0.00	0.65*	1.50S	0.280				
IGT	AC	HHZ	116.3	146	68	P	49.16	20.87	20.57	0.00	0.30	1.50	0.132				
IGT	AC	HHE	116.3	146	68	S	65.08	36.79	36.00	0.00	0.79*	1.50S	0.285				
PHP	AC	HHZ	159.0	26	68	P	54.68	26.39	27.38	0.00	-0.99*	1.50	0.132				
PHP	AC	HHN	159.0	26	68	S	75.65	47.36	47.91	0.00	-0.55*	1.50S	0.303				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2015	03	15	0609	18.63	40	3.55	20E	2.70	3.03	0.32	0.73	2.23	2.59

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	20.3	At1	124	7	0	10	5	16	#	0.00	0.00	L	2.00	0.23	D

REGION= 6km J të Kardhiqit, Rajoni Gjirokastrës (9km SE of Kardhiqi, 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		20.3	191	61	P		22.44	3.81	4.33	0.00	-0.52*	1.01		0.352	1.00	20	2.36	D
SRN	AC	HHN		20.3	191	61	S		26.34	7.71	7.58	0.00	0.13	1.03S		0.451				
LSK	AC	HHZ		48.3	77	51	P		27.90	9.27	9.55	0.00	-0.28	1.03		0.305	1.00	30	2.81	D
LSK	AC	HHN		48.3	77	51	S		35.67	17.04	16.71	0.00	0.33	1.03S		0.468				
IGT	AC	HHZ		63.5	157	51	P		30.33	11.70	12.16	0.00	-0.46	1.03		0.213				
IGT	AC	HHE		63.5	157	51	S		40.19	21.56	21.28	0.00	0.28	1.03S		0.509				
VLO	AC	HHZ		65.2	315	51	P		31.32	12.69	12.46	0.00	0.23	1.03		0.368				
VLO	AC	HHN		65.2	315	51	S		40.37	21.74	21.81	0.00	-0.07	1.03S		0.778				
KBN	AC	HHZ		88.9	44	51	P		34.79	16.16	16.54	0.00	-0.38	0.88		0.230				
KBN	AC	HHE		88.9	44	51	S		47.88	29.25	28.94	0.00	0.31	0.88S		0.321				
TIR	AC	HHZ		143.9	354	51	P		45.16	26.53	25.98	0.00	0.55*	0.00		0.000				
TIR	AC	HHN		143.9	354	51	S		64.55	45.92	45.47	0.00	0.45	0.00S		0.000				
LKD2	AC	HHZ		150.6	159	51	P		45.84	27.21	27.13	0.00	0.08	0.00		0.000				
LKD2	AC	HHN		150.6	159	51	S		65.77	47.14	47.48	0.00	-0.34	0.00S		0.000				
PHP	AC	HHZ		183.6	10	46	P		50.11	31.48	32.41	0.00	-0.93*	0.00		0.000				
PHP	AC	HHN		183.6	10	46	S		74.54	55.91	56.72	0.00	-0.81*	0.00S		0.000				

2.1

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
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2015-03-15 2015 1.96 41 34.73 20E 8.18 6.36 0.21 0.80 21.28 1.20 2.13

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 28.0 At1 157 5 0 6 3 6 - 2.00 0.19 L 2.00 0.16 D  
REGION= 10km V të Bulqizës, Rajoni Bulqizës (10km V of Bulqiza, Bulqiza Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T	
PHP	AC	HHN		28.0	65	91		6	0.00	-1.96	5.44	0.00		0.00		0.000	1.00			0.27	.14	1.38	L
							S		11.41	9.45	9.52	0.00	-0.07	1.00S		0.836							
PHP	AC	HHZ		28.0	65	91	P		7.36	5.40	5.44	0.00	-0.04	1.00		0.498	1.00	12		1.97			D
TIR	AC	HHN		34.2	222	90	S		13.14	11.18	11.41	0.00	-0.23	1.00S		0.836							
TIR	AC	HHZ		34.2	222	90	P		8.70	6.74	6.52	0.00	0.22	1.00		0.498							
PUK	AC	HHN		55.4	339	90		6	0.00	-1.96	10.14	0.00		0.00		0.000	1.00			0.06	.46	1.01	L
							S		19.47	17.51	17.74	0.00	-0.23	1.00S		0.837							
PUK	AC	HHZ		55.4	339	90	P		12.43	10.47	10.14	0.00	0.33	0.99		0.491	1.00	16		2.28			D

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2015-03-16 0334 30.32 42 4.18 19E52.56 2.23 0.16 3.85 6.90 2.64 2.60

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 3.3 At1 230 8 0 5 3 6 - 2.00 0.65 L 3.00 0.36 D  
REGION= 2km VP të Pukës, Rajoni Pukës (10km V of Puka, Puka 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	
PUK	AC	HHZ		3.3	155	112	P		31.38	1.06	0.86	0.00	0.20	1.47		0.624	1.00	16		2.09			D
PUK	AC	HHN		3.3	155	112		6	0.00	-30.32	0.86	0.00		0.00		0.000	1.00			105	.10	3.28	L
							S		31.72	1.40	1.50	0.00	-0.11	1.47S		0.877							
BCI	AC	HHZ		36.6	25	62	P		37.38	7.06	7.25	0.00	-0.19	1.47		0.621	1.00	37		2.96			D
BCI	AC	HHN		36.6	25	62	S		43.13	12.81	12.69	0.00	0.12	1.47S		0.876							
PHP	AC	HHZ		63.5	132	62	P		41.73	11.41	11.87	0.00	-0.46	0.00		0.000	1.00	23		2.60			D
PHP	AC	HHN		63.5	132	62		6	0.00	-30.32	11.87	0.00		0.00		0.000	1.00			0.43	.18	1.99	L
							S		51.10	20.78	20.77	0.00	0.01	0.12S		1.000							

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2015-03-16 1921 16.52 42 3.22 19E55.98 3.30 0.03 2.14 2.35 1.46 2.33

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 3.5 At1 127 7 0 5 3 6 - 2.00 0.32 L 2.00 0.24 D  
REGION= Pukë, Rajoni Pukës (Puka, Puka 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	
PUK	AC	HHZ		3.5	250	128	P		17.49	0.97	1.01	0.00	-0.04	1.18		0.624	1.00	16		2.09			D



SRN	AC	HHN	33.4	157	62	6	0.00-15.45	6.49	0.00	0.00	0.000	1.00				21	.30	3.32	L
						S	26.96	11.51	11.36	0.00	0.15	1.40S	0.419						
SRN	AC	HHZ	33.4	157	62	P	21.81	6.36	6.49	0.00	-0.13	1.40	0.190	1.00	40	3.01	D		
VLO	AC	HHE	45.9	319	62	6	0.00-15.45	8.64	0.00	0.00	0.000	1.00				29	.54	3.59	L
						S	30.70	15.25	15.12	0.00	0.13	1.40S	0.669						
VLO	AC	HHZ	45.9	319	62	P	23.94	8.49	8.64	0.00	-0.15	1.40	0.270						
LSK	AC	HHN	63.5	90	62	6	0.00-15.45	11.66	0.00	0.00	0.000	1.00				6.7	.66	3.18	L
						S	36.01	20.56	20.40	0.00	0.15	1.40S	0.355						
LSK	AC	HHZ	63.5	90	62	P	26.91	11.46	11.66	0.00	-0.20	1.40	0.125	1.00	44	3.15	D		
IGT	AC	HHE	80.7	149	62	S	41.48	26.03	25.58	0.00	0.44	0.17S	0.005						
IGT	AC	HHZ	80.7	149	62	P	29.87	14.42	14.62	0.00	-0.20	1.34	0.163						
KBN	AC	HHN	94.6	56	62	6	0.00-15.45	17.01	0.00	0.00	0.000	1.00				2.1	.43	2.97	L
						S	45.43	29.98	29.77	0.00	0.21	1.06S	0.228						
KBN	AC	HHZ	94.6	56	62	P	32.30	16.85	17.01	0.00	-0.16	1.06	0.076	1.00	42	3.14	D		
SCTE	AC	HHE	118.4	267	62	S	52.25	36.80	36.91	0.00	-0.11	0.36S	0.049						
SCTE	AC	HHZ	118.4	267	62	P	36.19	20.74	21.09	0.00	-0.35	0.26	0.011						
TIR	AC	HHE	132.0	0	62	6	0.00-15.45	23.44	0.00	0.00	0.000	1.00				0.83	.66	2.85	L
						S	56.28	40.83	41.02	0.00	-0.19	0.07S	0.001						
TIR	AC	HHZ	132.0	0	62	P	38.89	23.44	23.44	0.00	0.00	0.07	0.000						
FNA	AC	HHN	147.1	61	55	S	61.18	45.73	45.50	0.00	0.23	0.00S	0.000						
FNA	AC	HHZ	147.1	61	55	P	40.84	25.39	26.00	0.00	-0.61*	0.00	0.000						
LKD2	AC	HHZ	167.1	155	55	P	45.06	29.61	29.19	0.00	0.42	0.00	0.000						
PHP	AC	HHN	176.5	16	55	6	60.00	44.55	30.70	0.00	0.00	0.000	1.00			0.84	1.00	3.14	L
						S	69.02	53.57	53.72	0.00	-0.16	0.00S	0.000						
PHP	AC	HHZ	176.5	16	55	P	45.41	29.96	30.70	0.00	-0.74*	0.00	0.000						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2015	03	18	0216	39.38	41 19.57	20E20.53	3.13	0.08	0.46	1.98		2.07

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	40.0	At1	150	7	0	7	4	8	0.00	0.00	L	2.00	0.04	D

REGION= 13km VP të Steblevës, Rajoni Elbasanit (13km NW of Stebleva, 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		40.0	274	62	P		47.24	7.86	7.85	0.00	0.01	1.00		0.496	1.00	12	2.03	D
TIR	AC	HHN		40.0	274	62	S		53.06	13.68	13.74	0.00	-0.06	1.00S		0.745				
PHP	AC	HHZ		40.7	11	62	P		47.24	7.86	7.96	0.00	-0.10	1.00		0.475	1.00	13	2.10	D
PHP	AC	HHN		40.7	11	62	S		53.25	13.87	13.93	0.00	-0.06	1.00S		0.571				
PUK	AC	HHZ		87.9	335	62	P		55.12	15.74	16.08	0.00	-0.34	0.00		0.000				
PUK	AC	HHE		87.9	335	62	S		67.67	28.29	28.14	0.00	0.15	1.00S		0.409				
FNA	AC	HHZ		106.4	124	62	P		58.73	19.35	19.26	0.00	0.09	1.00		0.467				
FNA	AC	HHE		106.4	124	62	S		73.05	33.67	33.71	0.00	-0.04	1.00S		0.833				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2015-03-18 0245 39.98 41 13.86 20E10.36 3.98 0.25 0.07 0.35 2.13

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 28.8 At1 274 22 0 6 3 6 # 0.00 0.00 L 2.00 0.16 D  
 REGION= 13km VL të Elbasanit, Rajoni Elbasanit (13km NE 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		28.8	297	93	P	46.10	6.12	5.80	0.00	0.32	1.00		0.497	1.00	12	1.97	D
TIR	AC	HHE		28.8	297	93	S	50.40	10.42	10.15	0.00	0.27	1.00S		0.835				
PHP	AC	HHZ		55.1	23	62	P	50.25	10.27	10.34	0.00	-0.07	1.00		0.497	1.00	16	2.28	D
PHP	AC	HHN		55.1	23	62	S	58.39	18.41	18.10	0.00	0.31	1.00S		0.835				
PUK	AC	HHZ		93.1	346	62	P	56.52	16.54	16.86	0.00	-0.32	1.00		0.497				
PUK	AC	HHN		93.1	346	62	S	69.46	29.48	29.50	0.00	-0.02	1.00S		0.835				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2015-03-18 2056 34.72 41 19.71 20E20.49 3.74 0.11 0.50 2.14 2.22

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 39.9 At1 150 9 0 7 4 8 0.00 0.00 L 3.00 0.00 D  
 REGION= 10km P të Steblevës, Rajoni Elbasanit (10km W of Stebleva, 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		39.9	274	62	P	42.60	7.88	7.78	0.00	0.10	1.00		0.496	1.00	15	2.22	D
TIR	AC	HHN		39.9	274	62	S	48.36	13.64	13.61	0.00	0.03	1.00S		0.746				
PHP	AC	HHZ		40.4	11	62	P	42.55	7.83	7.86	0.00	-0.03	1.00		0.475	1.00	15	2.22	D
PHP	AC	HHN		40.4	11	62	S	48.65	13.93	13.75	0.00	0.18	1.00S		0.572				
PUK	AC	HHZ		87.7	335	62	P	50.24	15.52	15.99	0.00	-0.47	0.00		0.000	1.00	29	2.82	D
PUK	AC	HHN		87.7	335	62	S	62.51	27.79	27.98	0.00	-0.19	0.99S		0.407				
FNA	AC	HHZ		106.6	124	62	P	53.90	19.18	19.24	0.00	-0.06	1.00		0.467				
FNA	AC	HHE		106.6	124	62	S	68.38	33.66	33.67	0.00	-0.01	1.00S		0.833				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2015-03-19 1953 29.49 41 19.43 19E36.88 21.64 0.22 1.80 22.46 2.30

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 21.1 At1 294 14 0 6 3 6 - 0.00 0.00 L 2.00 0.10 D  
 REGION= Shijak, Rajoni Durresit (Shijak, Durresi Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
TIR	AC	HHZ		21.1	82	90	P		34.24	4.75	4.94	0.00	-0.19	1.19		0.622	1.00	14	2.20 D
TIR	AC	HHN		21.1	82	90	S		38.46	8.97	8.65	0.00	0.32	1.19S		0.561			
PHP	AC	HHZ		79.8	59	90	P		43.00	13.51	14.29	0.00	-0.78*	0.17		0.007	1.00	15	2.39 D
PHP	AC	HHN		79.8	59	90	S		54.22	24.73	25.01	0.00	-0.28	1.17S		0.525			
PUK	AC	HHZ		83.1	16	90	P		44.42	14.93	14.83	0.00	0.10	1.14		0.573			
PUK	AC	HHE		83.1	16	90	S		55.51	26.02	25.95	0.00	0.07	1.14S		0.708			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2015	03	19	1953	44.12	41 14.24	19E32.38	18.78	0.20	0.50	0.73	3.61	3.52

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
22	31	29.9	Atl	162	8	0	19	9	20		8.00	0.10 L	3.00 0.24 D

REGION= 17km VP të Kavajës, Rajoni Kavajës (17km NW of Kavaja, Kavaja Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
TIR	AC	HHN		29.9	65	117		6	0.00	-44.12	6.32	0.00		0.00		0.000	1.00		17 .41 3.27 L
							S		55.29	11.17	11.06	0.00	0.11	1.42S		0.649			
TIR	AC	HHZ		29.9	65	117	P		50.38	6.26	6.32	0.00	-0.06	1.42		0.335	1.00	46	3.22 D
VLO	AC	HHE		85.4	183	71	S		70.90	26.78	26.70	0.00	0.08	1.42S		0.346			
VLO	AC	HHZ		85.4	183	71	P		59.31	15.19	15.26	0.00	-0.07	1.42		0.230			
PHP	AC	HHN		90.2	56	71		6	60.00	15.88	16.02	0.00		0.00		0.000	1.00		9.3 .40 3.61 L
							S		71.89	27.77	28.03	0.00	-0.26	1.42S		0.379			
PHP	AC	HHZ		90.2	56	71	P		59.59	15.47	16.02	0.00	-0.55*	0.15		0.001	1.00	78	3.76 D
PUK	AC	HHE		94.2	18	71		6	60.00	15.88	16.65	0.00		0.00		0.000	1.00		6.7 .34 3.50 L
							S		73.36	29.24	29.14	0.00	0.10	1.42S		0.348			
PUK	AC	HHZ		94.2	18	71	P		60.90	16.78	16.65	0.00	0.13	1.42		0.199	1.00	58	3.52 D
PUK	AC	HHN		94.2	18	71		6	60.00	15.88	16.65	0.00		0.00		0.000	1.00		11 .40 3.69 L
KBN	AC	HHN		125.2	122	71		6	60.00	15.88	21.61	0.00		0.00		0.000	1.00		5.41.00 3.63 L
							S		82.24	38.12	37.82	0.00	0.30	1.29S		0.429			
KBN	AC	HHZ		125.2	122	71	P		65.39	21.27	21.61	0.00	-0.34	1.28		0.110			
BCI	AC	HHN		132.9	19	71		6	60.00	15.88	22.82	0.00		0.00		0.000	1.00		4.5 .41 3.60 L
							S		84.27	40.15	39.93	0.00	0.22	1.18S		0.236			
BCI	AC	HHZ		132.9	19	71	P		66.63	22.51	22.82	0.00	-0.31	1.18		0.133			
BCI	AC	HHE		132.9	19	71		6	60.00	15.88	22.82	0.00		0.00		0.000	1.00		11 .80 3.97 L
LSK	AC	HHZ		150.3	143	71	P		69.85	25.73	25.61	0.00	0.12	0.85		0.048			
LSK	AC	HHN		150.3	143	71	S		89.02	44.90	44.82	0.00	0.08	0.85S		0.143			
SRN	AC	HHE		155.7	165	71		6	60.00	15.88	26.46	0.00		0.00		0.000	1.00		1.81.10 3.35 L
							S		90.01	45.89	46.31	0.00	-0.42	0.58S		0.052			
SRN	AC	HHZ		155.7	165	71	P		70.34	26.22	26.46	0.00	-0.24	0.73		0.044			
SCTE	AC	HHE		157.5	216	71	S		91.10	46.98	46.81	0.00	0.17	0.70S		0.177			
SCTE	AC	HHZ		157.5	216	71	P		70.93	26.81	26.75	0.00	0.06	0.70		0.109			
FNA	AC	HHZ		163.2	107	71	P		72.01	27.89	27.66	0.00	0.23	0.58		0.022			



IGT AC HHZ 200.9 160 57 P 77.56 33.44 33.50 0.00 -0.06 0.02 0.000

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2015-03-20 0229 25.40 41 55.30 20E 8.13 3.97 0.04 2.92 3.78 1.30 2.11

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
6 9 24.2 Atl 169 11 0 5 3 6 3.00 0.18 L 2.00 0.03 D

REGION= Klos, Rajoni Burrelit (Klos, 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
PUK	AC	HHZ		24.2	304	95	P		30.37	4.97	4.91	0.00	0.06	1.00		0.623	1.00	15	2.14 D
PUK	AC	HHN		24.2	304	95		6	0.00-25.40	4.91	0.00			0.00		0.000	1.00		0.44 .15 1.54 L
							S		33.96	8.56	8.59	0.00	-0.03	1.00S		0.876			
PHP	AC	HHZ		36.6	135	62	P		32.43	7.03	7.09	0.00	-0.06	1.00		0.623	1.00	13	2.08 D
PHP	AC	HHN		36.6	135	62		6	0.00-25.40	7.09	0.00			0.00		0.000	1.00		0.19 .20 1.30 L
							S		37.84	12.44	12.41	0.00	0.03	1.00S		0.876			
BCI	AC	HHZ		49.7	354	62	P		34.19	8.79	9.36	0.00	-0.57*	0.00		0.000			
BCI	AC	HHE		49.7	354	62		6	0.00-25.40	9.36	0.00			0.00		0.000	1.00		0.09 .23 1.12 L
							S		41.77	16.37	16.38	0.00	-0.01	1.00S		1.000			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2015-03-20 0923 12.54 41 55.58 20E 6.01 27.95 0.27 1.12 2.02 2.07 2.41

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 21.5 Atl 136 8 0 7 4 8 1.00 0.00 L 2.00 0.07 D

REGION= Mesul, 5km VP të Klosit, Rajoni Burrelit (Mesul. 5km W of Klosi, 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
PUK	AC	HHZ		21.5	308	138	P		19.18	6.64	6.12	0.00	0.52*	1.13		0.193	1.00	15	2.34 D
PUK	AC	HHN		21.5	308	138		S	23.16	10.62	10.71	0.00	-0.09	1.14S		0.838			
PUK	AC	HHE		21.5	308	138		6	0.00-12.54	6.12	0.00			0.00		0.000	1.00		0.96 .21 2.07 L
PHP	AC	HHZ		39.0	133	119	P		21.77	9.23	8.30	0.00	0.93*	0.01		0.000	1.00	16	2.48 D
PHP	AC	HHN		39.0	133	119		S	27.09	14.55	14.53	0.00	0.02	1.14S		0.996			
BCI	AC	HHZ		49.0	357	113	P		22.15	9.61	9.72	0.00	-0.11	1.14		0.453			
BCI	AC	HHE		49.0	357	113		S	29.32	16.78	17.01	0.00	-0.23	1.14S		0.501			
TIR	AC	HHE		67.2	198	104	S		34.01	21.47	21.82	0.00	-0.35	1.14S		0.584			
TIR	AC	HHZ		67.2	198	104	P		25.23	12.69	12.47	0.00	0.22	1.14		0.432			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2015-03-21 0208 14.01 41 53.14 20E10.74 3.02 0.10 0.46 1.29 2.29

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 29.5 At1 144 8 0 8 4 8 # 0.00 0.00 L 4.00 0.28 D  
 REGION= Klos, Rajoni Burrelit (Klos, 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
PUK	AC	HHZ		29.5	307	61	P		20.43	6.42	6.12	0.00	0.30	0.13		0.009	1.00	12	1.98	D
PUK	AC	HHN		29.5	307	61	S		24.52	10.51	10.71	0.00	-0.20	1.08S		0.520				
PHP	AC	HHZ		31.2	135	61	P		20.33	6.32	6.45	0.00	-0.13	1.13		0.494	1.00	13	2.05	D
PHP	AC	HHN		31.2	135	61	S		25.32	11.31	11.29	0.00	0.02	1.13S		0.647				
BCI	AC	HHZ		54.2	351	51	P		24.63	10.62	10.57	0.00	0.05	1.13		0.373	1.00	30	2.82	D
BCI	AC	HHE		54.2	351	51	S		32.53	18.52	18.50	0.00	0.02	1.13S		0.773				
TIR	AC	HHZ		65.2	204	51	P		26.43	12.42	12.47	0.00	-0.05	1.13		0.389	1.00	21	2.52	D
TIR	AC	HHE		65.2	204	51	S		35.90	21.89	21.82	0.00	0.07	1.13S		0.792				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2015-03-21 0444 46.26 41 12.19 20E25.82 4.02 0.64 0.00 0.17 2.47

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 50.0 At1 170 9 0 10 5 10 # 0.00 0.00 L 3.00 0.14 D  
 REGION= 9km VL të Librazhdit, Rajoni Librazhdit (9km W of Librazhdit, 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		50.0	289	51	P		55.98	9.72	9.85	0.00	-0.13	1.05		0.398	1.00	17	2.33	D
TIR	AC	HHN		50.0	289	51	S		63.65	17.39	17.24	0.00	0.15	1.05S		0.751				
PHP	AC	HHZ		53.5	0	51	P		55.81	9.55	10.45	0.00	-0.90*	1.05		0.312	1.00	20	2.47	D
PHP	AC	HHN		53.5	0	51	S		63.98	17.72	18.29	0.00	-0.57*	1.05S		0.401				
FNA	AC	HHZ		92.9	119	51	P		62.88	16.62	17.22	0.00	-0.60*	1.05		0.413				
FNA	AC	HHE		92.9	119	51	S		77.01	30.75	30.13	0.00	0.61*	1.05S		0.805				
PUK	AC	HHZ		103.4	335	51	P		64.66	18.40	19.03	0.00	-0.63*	1.05		0.261				
PUK	AC	HHE		103.4	335	51	S		79.50	33.24	33.30	0.00	-0.06	1.05S		0.264				
BCI	AC	HHZ		132.7	347	51	P		71.72	25.46	24.06	0.00	0.40*	0.58		0.086	1.00	27	2.80	D
BCI	AC	HHE		132.7	347	51	S		89.30	43.04	42.10	0.00	0.93*	1.05S		0.305				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2015-03-21 0445 20.25 41 13.55 20E25.55 4.03 0.42 1.21 2.46 2.70 2.83

SOURCE

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

14 21 48.9 Atl 132 8 0 13 7 14 # 2.00 0.06 L 4.00 0.07 D  
 REGION= 9km VL të Librazhdit, Rajoni Librazhdit (9km W of Librazhdit, 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	HHN		48.9	287	51		6	0.00-20.25	9.66	0.00			0.00		0.000	1.00		0.31 .15 1.64 L
							S		36.97 16.72	16.90	0.00	-0.19	1.01S		0.470				
TIR	AC	HHZ		48.9	287	51	P		29.70 9.45	9.66	0.00	-0.21	1.01		0.268	1.00	29	2.78	D
PHP	AC	HHN		51.0	1	51	S		37.50 17.25	17.53	0.00	-0.28	1.01S		0.373				
PHP	AC	HHZ		51.0	1	51	P		30.17 9.92	10.02	0.00	-0.10	1.01		0.261	1.00	27	2.72	D
KBN	AC	HHN		73.5	155	51		6	0.00-20.25	13.88	0.00			0.00		0.000	1.00		0.19 .72 1.76 L
							S		44.94 24.69	24.29	0.00	0.40	1.01S		0.494				
KBN	AC	HHZ		73.5	155	51	P		34.92 14.67	13.88	0.00	0.39	0.91		0.222	1.00	33	2.91	D
LACI	AC	HHN		74.5	308	51	S		44.90 24.65	24.62	0.00	0.03	1.01S		0.273				
LACI	AC	HHZ		74.5	308	51	P		33.67 13.42	14.07	0.00	-0.45	1.01		0.211				
FNA	AC	HHE		94.5	121	51	S		50.41 30.16	30.61	0.00	-0.45	1.01S		0.460				
FNA	AC	HHZ		94.5	121	51	P		37.09 16.84	17.49	0.00	-0.45	1.01		0.275	1.00	31	2.88	D
PUK	AC	HHE		101.0	335	51	S		53.00 32.75	32.57	0.00	0.18	1.01S		0.216				
PUK	AC	HHZ		101.0	335	51	P		38.38 18.13	18.61	0.00	-0.48	1.01		0.202				
BCI	AC	HHN		130.2	347	51	S		61.96 41.71	41.33	0.00	0.38	1.01S		0.268				
BCI	AC	HHZ		130.2	347	51	P		45.39 25.14	23.62	0.00	0.42	1.01		0.273				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2015-03-23 1259 5.42 41 35.29 19E44.68 1.07 0.28 1.28 2.78 1.73 2.59

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 14 28.5 Atl 214 8 0 8 4 8 6.00 0.17 L 2.00 0.07 D  
 REGION= Mamurras, Rajoni Tiranës (Mamurras, 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		28.5	159	61	P		11.03 5.61	5.83	0.00	-0.22	1.00		0.434				
TIR	AC	HHE		28.5	159	61		6	0.00 -5.42	5.83	0.00			0.00		0.000	1.00		0.29 .30 1.41 L
							S		15.73 10.31	10.20	0.00	0.11	1.00S		0.814				
TIR	AC	HHN		28.5	159	61		6	0.00 -5.42	5.83	0.00			0.00		0.000	1.00		0.21 .28 1.27 L
PUK	AC	HHZ		52.0	13	51	P		15.82 10.40	10.04	0.00	0.36	1.00		0.318	1.00	25	2.66	D
PUK	AC	HHN		52.0	13	51		6	0.00 -5.42	10.04	0.00			0.00		0.000	1.00		0.53 .11 1.91 L
							S		23.31 17.89	17.57	0.00	0.32	1.00S		0.472				
PUK	AC	HHE		52.0	13	51		6	0.00 -5.42	10.04	0.00			0.00		0.000	1.00		0.27 .07 1.62 L
PHP	AC	HHZ		59.0	79	51	P		16.89 11.47	11.25	0.00	0.22	1.00		0.432	1.00	21	2.52	D
PHP	AC	HHN		59.0	79	51		6	0.00 -5.42	11.25	0.00			0.00		0.000	1.00		0.39 .23 1.88 L
							S		25.03 19.61	19.69	0.00	-0.08	1.00S		0.811				
BCI	AC	HHZ		90.5	17	51	P		21.73 16.31	16.67	0.00	-0.36	1.00		0.306				
BCI	AC	HHE		90.5	17	51		6	0.00 -5.42	16.67	0.00			0.00		0.000	1.00		0.16 .34 1.83 L
							S		34.22 28.80	29.17	0.00	-0.37	1.00S		0.408				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2015-03-23 2117 51.88 41 19.96 20E17.29 3.00 0.36 0.75 1.87 2.82

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 35.5 Atl 105 5 0 16 8 16 # 0.00 0.00 L 4.00 0.14 D

REGION= 14km ne L të Shengjergjit, Rajoni Tiranës (14km E of Shengjergji, 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		35.5	273	61	P		59.13	7.25	7.28	0.00	-0.03	1.04		0.304	1.00	19	2.39 D
TIR	AC	HHE		35.5	273	61	S		64.60	12.72	12.74	0.00	-0.02	1.04S		0.520			
PHP	AC	HHZ		41.1	18	51	P		60.33	8.45	8.33	0.00	0.12	1.04		0.214	1.00	28	2.75 D
PHP	AC	HHN		41.1	18	51	S		66.89	15.01	14.58	0.00	0.43	1.04S		0.338			
PUK	AC	HHZ		85.5	338	51	P		67.39	15.51	15.94	0.00	-0.43	1.04		0.155	1.00	37	3.02 D
PUK	AC	HHN		85.5	338	51	S		80.10	28.22	27.89	0.00	0.33	1.04S		0.300			
KBN	AC	HHZ		89.2	151	51	P		68.93	17.05	16.59	0.00	0.46	1.04		0.185	1.00	31	2.88 D
KBN	AC	HHE		89.2	151	51	S		81.41	29.53	29.03	0.00	0.50	1.04S		0.252			
FNA	AC	HHZ		110.6	123	51	P		71.51	19.63	20.26	0.00	-0.63*	0.92		0.180			
FNA	AC	HHN		110.6	123	51	S		86.93	35.05	35.46	0.00	-0.40	1.04S		0.307			
BCI	AC	HHZ		116.3	352	51	P		72.57	20.69	21.24	0.00	-0.55*	1.04		0.168			
BCI	AC	HHE		116.3	352	51	S		88.95	37.07	37.17	0.00	-0.10	1.04S		0.289			
LSK	AC	HHZ		133.9	168	51	P		76.45	24.57	24.27	0.00	0.30	1.02		0.168			
LSK	AC	HHE		133.9	168	51	S		94.26	42.38	42.47	0.00	-0.09	1.02S		0.267			
SRN	AC	HHZ		163.1	189	46	P		81.26	29.38	29.16	0.00	0.22	0.81		0.086			
SRN	AC	HHE		163.1	189	46	S		102.63	50.75	51.03	0.00	-0.28	0.81S		0.257			

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YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2015-03-23 2157 4.42 41 19.92 20E16.17 3.01 0.37 0.79 1.88 3.20

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 33.9 Atl 130 5 0 16 8 16 # 0.00 0.00 L 5.00 0.02 D

REGION= 5km ne L të Bizës, Rajoni Tiranës (5km E of Biza, 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		33.9	274	61	P		11.50	7.08	6.98	0.00	0.10	1.07		0.310	1.00	51	3.22 D
TIR	AC	HHN		33.9	274	61	S		16.98	12.56	12.22	0.00	0.34	1.07S		0.466			
PHP	AC	HHZ		41.7	20	51	P		12.81	8.39	8.42	0.00	-0.03	1.07		0.225	1.00	41	3.07 D
PHP	AC	HHN		41.7	20	51	S		19.22	14.80	14.74	0.00	0.06	1.07S		0.370			
PUK	AC	HHZ		84.9	339	51	P		19.74	15.32	15.85	0.00	-0.53*	1.07		0.160	1.00	36	3.00 D
PUK	AC	HHN		84.9	339	51	S		32.59	28.17	27.74	0.00	0.43	1.07S		0.298			
KBN	AC	HHZ		89.9	150	51	P		21.23	16.81	16.71	0.00	0.10	1.07		0.245	1.00	46	3.21 D

KBN	AC	HHE	89.9	150	51	S	34.34	29.92	29.24	0.00	0.68*	0.93S	0.281						
VLO	AC	HHZ	116.0	215	51	P	26.32	21.90	21.18	0.00	0.72*	0.80	0.098	1.00	44	3.20	D		
VLO	AC	HHN	116.0	215	51	S	40.95	36.53	37.07	0.00	-0.54*	1.07S	0.358						
BCI	AC	HHZ	116.1	352	51	P	25.31	20.89	21.21	0.00	-0.32	1.07	0.171						
BCI	AC	HHE	116.1	352	51	S	41.52	37.10	37.12	0.00	-0.02	1.07S	0.293						
LSK	AC	HHZ	134.2	167	51	P	28.28	23.86	24.32	0.00	-0.46	1.03	0.192						
LSK	AC	HHE	134.2	167	51	S	46.98	42.56	42.56	0.00	0.00	1.03S	0.286						
SRN	AC	HHZ	162.8	189	46	P	33.07	28.65	29.11	0.00	-0.46	0.75	0.069						
SRN	AC	HHE	162.8	189	46	S	55.20	50.78	50.94	0.00	-0.16	0.75S	0.172						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2015-03-27	1856	16.52	41	5.53	20E 9.66	6.25	0.26	0.77	4.76	2.52	2.57	

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
13	19	37.7	Atl	115	6	0	12	6	12	-	2.00	0.01 L	4.00 0.12 D
REGION= Shushicë, 5km JL të Elbasanit, Rajoni Elbasanit (5km 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		37.7	319	90	S		29.02	12.50	12.43	0.00	0.07	1.03S		0.338			
TIR	AC	HHZ		37.7	319	90	P		23.75	7.23	7.10	0.00	0.13	1.03		0.160	1.00	16	2.26 D
TIR	AC	HHE		37.7	319	90		6	0.00-16.52	7.10	0.00			0.00		0.000	1.00		1.2 .28 2.11 L
BERA1AC	AC	HHZ		46.4	204	90	P		24.80	8.28	8.59	0.00	-0.31	1.03		0.254			
BERA1AC	AC	HHN		46.4	204	90	S		31.50	14.98	15.03	0.00	-0.05	1.03S		0.507			
PHP	AC	HHN		69.8	19	90		6	0.00-16.52	12.63	0.00			0.00		0.000	1.00		0.48 .46 2.13 L
									38.27	21.75	22.10	0.00	-0.35	1.03S		0.296			
PHP	AC	HHZ		69.8	19	90	P		29.46	12.94	12.63	0.00	0.31	1.03		0.142	1.00	22	2.57 D
KBN	AC	HHN		74.1	134	90	S		39.81	23.29	23.40	0.00	-0.11	1.03S		0.516			
KBN	AC	HHZ		74.1	134	90	P		30.11	13.59	13.37	0.00	0.22	1.03		0.252	1.00	22	2.57 D
PUK	AC	HHN		107.9	349	90	S		49.84	33.32	33.55	0.00	-0.23	1.03S		0.190			
PUK	AC	HHZ		107.9	349	90	P		36.21	19.69	19.17	0.00	0.42	0.69		0.047	1.00	28	2.81 D
BCI	AC	HHN		141.8	357	90	S		59.98	43.46	43.72	0.00	-0.26	1.02S		0.188			
BCI	AC	HHZ		141.8	357	90	P		41.84	25.32	24.98	0.00	0.34	1.02		0.104			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2015-03-28	0804	43.00	40	16.52	19E47.96	1.40	0.14	0.58	1.59	2.71	2.73	

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	33.6	Atl	152	5	0	8	4	8		2.00	0.52 L	4.00 0.11 D
REGION= Bolenë, 34km JL të Vlorës, Rajoni Vlorës (5km SE of Vlora, Vlora Region, Albania)													

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
VLO	AC	HHZ		33.6	310	61	P		49.66	6.66	6.87	0.00	-0.21	1.00		0.432	1.00	21	2.47 D			
VLO	AC	HHN		33.6	310	61		6	0.00-43.00	6.87	0.00			0.00		0.000	1.00			17	.87	3.22 L
								S	55.18	12.18	12.02	0.00	0.16	1.00S		0.795						
SRN	AC	HHZ		47.1	158	51	P		52.26	9.26	9.30	0.00	-0.04	1.00		0.402	1.00	22	2.55 D			
SRN	AC	HHE		47.1	158	51		6	0.00-43.00	9.30	0.00			0.00		0.000	1.00			1.2	.37	2.19 L
								S	59.25	16.25	16.27	0.00	-0.02	1.00S		0.752						
LSK	AC	HHZ		69.5	101	51	P		56.24	13.24	13.14	0.00	0.10	1.00		0.314	1.00	28	2.77 D			
LSK	AC	HHN		69.5	101	51	S		66.12	23.12	22.99	0.00	0.12	1.00S		0.364						
KBN	AC	HHZ		92.3	64	51	P		60.22	17.22	17.07	0.00	0.15	1.00		0.341	1.00	25	2.70 D			
KBN	AC	HHN		92.3	64	51	S		72.66	29.66	29.87	0.00	-0.21	1.00S		0.595						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2015	03	29	1202	28.27	41	5.79	20E17.54	1.40	0.14	0.65	1.28	2.64	2.62

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	45.4	Atl	131	5	0	11	5	11		4.00	0.10 L	3.00	0.02 D

REGION= 17km L të Elbasanit, Rajoni Elbasanit (17km 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		45.4	309	51	P		37.06	8.79	8.87	0.00	-0.08	1.01		0.293	1.00	24	2.62 D			
TIR	AC	HHN		45.4	309	51		6	0.00-28.27	8.87	0.00			0.00		0.000	1.00			2.2	.18	2.45 L
								S	43.70	15.43	15.52	0.00	-0.09	1.01S		0.604						
PHP	AC	HHZ		66.5	10	51	P		40.99	12.72	12.49	0.00	0.23	1.00		0.300	1.00	23	2.60 D			
PHP	AC	HHN		66.5	10	51		6	0.00-28.27	12.49	0.00			0.00		0.000	1.00			1.8	.31	2.65 L
								S	50.13	21.86	21.86	0.00	0.00	1.01S		0.469						
KBN	AC	HHZ		67.1	141	51	P		40.75	12.48	12.59	0.00	-0.11	1.01		0.252	1.00	30	2.83 D			
KBN	AC	HHN		67.1	141	51		6	0.00-28.27	12.59	0.00			0.00		0.000	1.00			2.6	.95	2.82 L
								S	50.36	22.09	22.03	0.00	0.06	1.01S		0.499						
FNA	AC	HHZ		98.3	110	51	P		46.24	17.97	17.97	0.00	0.00	1.01		0.272						
FNA	AC	HHN		98.3	110	51	S		59.58	31.31	31.45	0.00	-0.14	1.01S		0.457						
PUK	AC	HHZ		110.2	343	51	P		48.06	19.79	20.01	0.00	-0.22	1.01		0.238						
PUK	AC	HHE		110.2	343	51		6	60.00	31.73	20.01	0.00		0.00		0.000	1.00			0.71	.21	2.63 L
								S	63.44	35.17	35.02	0.00	0.15	1.01S		0.323						
IGT	AC	HHZ		173.8	178	46	P		59.17	30.90	30.65	0.00	0.25	0.89		0.287						

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  
 2015-03-02 0424 20.84 42 37.90 20E18.85 4.28 0.05 2.09 3.06 2.37 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  
 6 9 35.8 At1 319 5 0 6 3 6 - 3.00 0.23 L 3.00 0.02 D  
 REGION= Kosova (Kosovo)

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		35.8	215	62	P		27.79	6.95	6.92	0.00	0.03	1.00		0.497	1.00	24	2.59 D
BCI	AC	HHE		35.8	215	62		6	0.00-20.84	6.92	0.00			0.00		0.000	1.00		3.8 .07 2.60 L
							S		32.93	12.09	12.11	0.00	-0.02	1.00S		0.835			
PUK	AC	HHZ		74.1	209	62	P		34.27	13.43	13.51	0.00	-0.08	1.00		0.497	1.00	23	2.61 D
PUK	AC	HHN		74.1	209	62		6	0.00-20.84	13.51	0.00			0.00		0.000	1.00		0.75 .34 2.37 L
							S		44.55	23.71	23.64	0.00	0.07	1.00S		0.835			
PHP	AC	HHZ		105.7	174	62	P		39.85	19.01	18.95	0.00	0.06	1.00		0.497	1.00	24	2.67 D
PHP	AC	HHN		105.7	174	62		6	0.00-20.84	18.95	0.00			0.00		0.000	1.00		0.16 .28 1.95 L
							S		53.96	33.12	33.16	0.00	-0.04	1.00S		0.835			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2015-03-20 0612 45.97 42 0.28 21E12.83 3.82 0.20 1.12 2.84 3.13 3.13

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 73.4 At1 239 7 0 11 6 12 5.00 0.15 L 3.00 0.03 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
PHP	AC	HHZ		73.4	242	62	P		59.33	13.36	13.43	0.00	-0.07	1.00		0.301	1.00	41	3.10 D
PHP	AC	HHN		73.4	242	62		6	60.00	14.03	13.43	0.00		0.00		0.000	1.00		3.2 .40 2.98 L
							S		69.29	23.32	23.50	0.00	-0.18	1.00S		0.380			
BCI	AC	HHZ		102.9	294	62	P		64.29	18.32	18.50	0.00	-0.18	1.00		0.331	1.00	46	3.22 D
BCI	AC	HHE		102.9	294	62		6	60.00	14.03	18.50	0.00		0.00		0.000	1.00		6.3 .36 3.53 L
							S		78.57	32.60	32.38	0.00	0.23	1.00S		0.640			
PUK	AC	HHZ		109.5	273	62	P		65.45	19.48	19.64	0.00	-0.16	1.00		0.235	1.00	41	3.13 D
PUK	AC	HHN		109.5	273	62		6	60.00	14.03	19.64	0.00		0.00		0.000	1.00		2.3 .68 3.13 L
							S		80.20	34.23	34.37	0.00	-0.14	1.00S		0.277			
TIR	AC	HHZ		133.9	238	62	P		70.50	24.53	23.84	0.00	0.49	0.00		0.000			
TIR	AC	HHE		133.9	238	62		6	60.00	14.03	23.84	0.00		0.00		0.000	1.00		0.59 .51 2.71 L
							S		88.01	42.04	41.72	0.00	0.32	1.00S		0.393			







LKD2 AC HHZ 275.0 197 51 P 103.16 44.52 43.63 0.00 0.89\* 0.19 0.008

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2015-03-24 2104 7.09 40 7.94 21E43.52 13.10 0.49 2.07 2.47 3.41 3.37

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 77.7 Atl 263 9 0 12 6 12 3.00 0.03 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
FNA	AC	HHN		77.7	339	98	S		30.92	23.83	24.53	0.00	-0.40	1.03S		0.490			
FNA	AC	HHZ		77.7	339	98	P		21.64	14.55	14.02	0.00	0.43	1.03		0.362			
LSK	AC	HHN		96.0	272	95		6	0.00	-7.09	16.93	0.00		0.00		0.000	1.00	8.2 .50	3.61 L
							S		36.87	29.78	29.63	0.00	0.15	1.03S		0.315			
LSK	AC	HHZ		96.0	272	95	P		23.04	15.95	16.93	0.00	-0.48	0.71		0.062	1.00	43 3.34	D
KBN	AC	HHN		96.6	305	95		6	0.00	-7.09	17.01	0.00		0.00		0.000	1.00	5.9 .31	3.47 L
							S		37.52	30.43	29.77	0.00	0.46	1.03S		0.399			
KBN	AC	HHZ		96.6	305	95	P		23.84	16.75	17.01	0.00	-0.26	1.03		0.131	1.00	37 3.21	D
IGT	AC	HHN		136.8	242	93	S		47.88	40.79	40.97	0.00	-0.18	1.03S		0.325			
IGT	AC	HHZ		136.8	242	93	P		30.22	23.13	23.41	0.00	-0.28	1.03		0.327			
SRN	AC	HHN		149.9	260	92		6	0.00	-7.09	25.50	0.00		0.00		0.000	1.00	3.8 .41	3.64 L
							S		51.73	44.64	44.63	0.00	0.01	1.03S		0.284			
SRN	AC	HHZ		149.9	260	92	P		32.89	25.80	25.50	0.00	0.30	1.03		0.173	1.00	43 3.39	D
PHP	AC	HHN		203.5	329	56	S		64.89	57.80	58.29	0.00	-0.49	1.03S		0.773			
PHP	AC	HHZ		203.5	329	56	P		41.17	34.08	33.31	0.00	0.47	1.03		0.352	1.00	57 3.67	D

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2015-03-25 0635 24.34 42 42.87 18E42.51 21.62 0.22 1.54 0.95 3.51 3.32

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
14 21 98.6 Atl 308 8 0 13 6 14 3.00 0.10 L 4.00 0.09 D

REGION= Deti Adriatik (Adriatic Sea)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
SDA	AC	HHN		98.6	138	90	S		55.40	31.06	30.26	0.00	0.80*	0.13S		0.004			
SDA	AC	HHZ		98.6	138	90	P		41.45	17.11	17.29	0.00	-0.18	1.07		0.155			
BCI	AC	HHN		118.1	108	90		6	0.00	-24.34	20.41	0.00		0.00		0.000	1.00	3.7 .77	3.41 L
							S		58.70	34.36	35.72	0.00	-1.36*	0.00S		0.000			
BCI	AC	HHZ		118.1	108	90	P		44.50	20.16	20.41	0.00	-0.25	1.07		0.390	1.00	39 3.23	D
PUK	AC	HHN		122.8	127	90		6	60.00	35.66	21.15	0.00		0.00		0.000	1.00	4.3 .37	3.51 L
							S		61.48	37.14	37.01	0.00	0.13	1.07S		0.399			

PUK	AC	HHZ	122.8	127	90	P	45.74	21.40	21.15	0.00	0.25	1.07	0.170	1.00	39	3.24	D
LACI	AC	HHN	146.1	144	90	S	67.50	43.16	43.50	0.00	-0.34	1.07S	0.337				
LACI	AC	HHZ	146.1	144	90	P	49.40	25.06	24.86	0.00	0.20	1.07	0.184				
TIR	AC	HHN	179.5	147	90	S	77.30	52.96	52.85	0.00	0.11	1.07S	0.376				
TIR	AC	HHZ	179.5	147	90	P	54.65	30.31	30.20	0.00	0.11	1.07	0.209	1.00	44	3.39	D
PHP	AC	HHN	183.2	128	62	S	60.00	35.66	30.75	0.00		0.00	0.000	1.00			2.2 .56 3.61 L
						S	78.06	53.72	53.81	0.00	-0.09	1.07S	0.601				
PHP	AC	HHZ	183.2	128	62	P	55.36	31.02	30.75	0.00	0.27	1.07	0.231	1.00	45	3.41	D
SRN	AC	HHN	332.9	160	56	S	113.26	88.92	88.76	0.00	0.16	1.07S	0.588				
SRN	AC	HHZ	332.9	160	56	P	74.71	50.37	50.72	0.00	-0.35	1.07	0.349				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2015-03-27	0654	24.99	41 54.28	19E 4.42	28.73	0.38	1.92	4.23				

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	23	61.5	Atl	182	8	0	14	5	17		0.00	0.00 L	0.00 0.00 D

REGION= Deti Adriatik, Ulqin (Adriatic Sea, Ulqin)

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	HNE		39.0	65	120	S	32.00	7.01	14.63	0.00	-7.62*	0.00S	0.000		0.000			
SDA	AC	HNZ		39.0	65	120	P	26.00	1.01	8.36	0.00	-7.35*	0.00	0.000		0.000			
LACI	AC	HNZ		61.5	118	107	P	36.00	11.01	11.63	0.00	-0.62*	1.23	0.347		0.347			
PUK	AC	HHN		69.6	76	105	S	47.31	22.32	22.52	0.00	-0.20	1.23S	0.243		0.243			
PUK	AC	HHZ		69.6	76	105	P	37.78	12.79	12.87	0.00	-0.08	1.23	0.208		0.208			
TIR	AC	HHN		90.4	132	100	S	53.67	28.68	28.21	0.00	0.47	1.23S	0.491		0.491			
TIR	AC	HHZ		90.4	132	100	P	41.52	16.53	16.12	0.00	0.41	1.23	0.254		0.254			
BCI	AC	HHE		96.9	57	99	S	55.54	30.55	29.98	0.00	0.57*	1.23S	0.444		0.444			
BCI	AC	HHZ		96.9	57	99	P	42.00	17.01	17.13	0.00	-0.12	1.23	0.282		0.282			
PHP	AC	HHN		116.2	101	96	S	59.81	34.82	35.33	0.00	-0.51*	1.23S	0.544		0.544			
PHP	AC	HHZ		116.2	101	96	P	45.37	20.38	20.19	0.00	0.19	1.23	0.097		0.097			
VLO	AC	HHZ		163.3	167	62	P	52.34	27.35	27.42	0.00	-0.07	1.11	0.453		0.453			
NOCI	AC	HHE		208.9	235	56	S	83.71	58.72	58.96	0.00	-0.24	0.56S	0.307		0.307			
NOCI	AC	HHZ		208.9	235	56	P	58.68	33.69	33.69	0.00	0.00	0.56	0.178		0.178			
SCTE	AC	HHZ		209.2	195	56	P	58.90	33.91	33.73	0.00	0.18	0.55	0.122		0.122			
SRN	AC	HHZ		238.0	160	56	P	63.24	38.25	37.54	0.00	0.71*	0.19	0.021		0.021			
SGRT	AC	HHZ		275.8	268	56	P	68.22	43.23	42.54	0.00	0.69*	0.00	0.000		0.000			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2015-03-27	0918	16.89	37 42.25	20E19.58	23.26	0.48	3.66	2.17			4.30	

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 22 123.9 Atl 288 10 0 16 4 18 0.00 0.00 L 2.00 0.15 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		123.9	13	90	P		38.54	21.65	21.32	0.00	0.33	1.09		0.349	1.00	112	4.15 D
LKD2	AC	HHE		123.9	13	90	S		53.96	37.07	37.31	0.00	-0.24	1.09S		0.762			
IGT	AC	HHZ		202.8	0	56	P		50.69	33.80	33.38	0.00	0.42	1.09		0.082	1.00	145	4.44 D
IGT	AC	HHN		202.8	0	56	S		75.01	58.12	58.42	0.00	-0.29	1.09S		0.311			
SRN	AC	HHZ		243.2	354	56	P		56.02	39.13	38.71	0.00	0.42	1.09		0.096			
SRN	AC	HHE		243.2	354	56	S		84.58	67.69	67.74	0.00	-0.05	1.09S		0.339			
LSK	AC	HHZ		272.5	4	56	P		60.16	43.27	42.59	0.00	0.68*	1.09		0.088			
LSK	AC	HHN		272.5	4	56	S		91.90	75.01	74.53	0.00	0.48	1.09S		0.330			
VLO	AC	HHZ		315.2	348	56	P		65.78	48.89	48.24	0.00	0.65*	1.09		0.135			
KBN	AC	HHZ		326.6	6	56	P		66.07	49.18	49.74	0.00	-0.56*	1.09		0.095			
FNA	AC	HHZ		353.6	14	56	P		70.44	53.55	53.32	0.00	0.23	1.09		0.157			
THE	AC	HHZ		397.0	34	56	P		75.69	58.80	59.05	0.00	-0.25	1.09		0.533			
TIR	AC	HHZ		406.5	355	56	P		76.97	60.08	60.31	0.00	-0.23	1.09		0.092			
PHP	AC	HHZ		442.1	1	56	P		81.00	64.11	65.02	0.00	-0.91*	1.05		0.076			
NOCI	AC	HHZ		443.4	322	56	P		81.75	64.86	65.20	0.00	-0.34	1.09		0.517			
PUK	AC	HHZ		483.1	356	56	P		85.63	68.74	70.45	0.00	-1.71*	0.00		0.000			
BCI	AC	HHZ		518.2	358	56	P		90.85	73.96	75.09	0.00	-1.13*	0.64		0.028			
SGRT	AC	HHZ		596.0	321	56	P		100.76	83.87	85.39	0.00	-1.52*	0.01		0.000			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2015-03-31 1852 38.25 40 44.89 21E13.04 24.53 0.21 1.57 1.27 2.97 3.21

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T SOURCE  
 17 24 14.5 Atl 185 8 0 6 3 17 - 5.00 0.02 L 3.00 0.16 D L F X  
 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
FNA	AC	HHZ		14.5	75	90	P		42.46	4.21	3.89	0.00	0.32	1.33		0.379			
FNA	AC	HHN		14.5	75	90	S		44.82	6.57	6.81	0.00	-0.24	1.33S		0.632			
KBN	AC	HHZ		38.9	250	90	P		45.90	7.65	7.77	0.00	-0.12	1.33		0.393	1.00	33	3.05 D
KBN	AC	HHN		38.9	250	90	S	6	0.00	-38.25	7.77	0.00		0.00		0.000	1.00		8.9 .28 3.08 L
LSK	AC	HHZ		84.7	219	90	P		51.86	13.61	13.60	0.00	0.01	1.33S		0.607			
LSK	AC	HHN		84.7	219	90	S	6	53.53	15.28	15.07	0.00	0.21	0.34		0.226	1.00	50	3.45 D
PHP	AC	HHZ		122.7	329	90	P		60.00	21.75	15.07	0.00		0.00		0.000	1.00		2.3 .66 2.97 L
PHP	AC	HHN		122.7	329	90	S	6	64.61	26.36	26.37	0.00	-0.01	0.34S		0.760			
TIR	AC	HHZ		131.8	301	90	P		58.34	20.09	21.14	0.00	-1.05*	0.00		0.000	1.00	36	3.21 D
									60.00	21.75	21.14	0.00		0.00		0.000	1.00		1.21.03 2.95 L
									75.46	37.21	36.99	0.00	0.22	0.00S		0.000			
									61.33	23.08	22.58	0.00	0.50	0.00		0.000			

TIR	AC	HHN	131.8	301	90	6	60.00	21.75	22.58	0.00	0.00	0.000	1.00	0.47	.86	2.62	L
						S	77.70	39.45	39.51	0.00	-0.07	0.00S	0.000				
SRN	AC	HHZ	141.4	228	90	P	63.88	25.63	24.12	0.00	0.41	0.00	1.000				
SRN	AC	HHN	141.4	228	90	6	60.00	21.75	24.12	0.00	0.00	0.000	1.00	0.97	.50	2.99	L
						S	80.14	41.89	42.21	0.00	-0.32	0.00S	0.000				
IGT	AC	HHZ	154.8	210	90	P	66.67	28.42	26.26	0.00	0.66*	0.00	0.000				
PUK	AC	HHZ	181.5	323	62	P	68.81	30.56	30.30	0.00	0.26	0.00	0.000				
PUK	AC	HHN	181.5	323	62	S	91.17	52.92	53.02	0.00	-0.10	0.00S	0.000				
BCI	AC	HHZ	203.8	333	56	P	72.00	33.75	33.38	0.00	0.37	0.00	0.000				
LKD2	AC	HHZ	222.7	193	56	P	74.16	35.91	35.89	0.00	0.02	0.00	0.000				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2015-03-31	1153	1.10	40 44.04	21E11.86	2.07	0.12	1.42	1.68	2.23	2.41		

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	16.6	At1	180	8	0	5	3	10		3.00	0.00 L	2.00 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
FNA	AC	HHZ		16.6	71	61	P		4.77	3.67	3.51	0.00	0.16	1.29		0.622			
FNA	AC	HHN		16.6	71	61	S		7.15	6.05	6.14	0.00	-0.09	1.29S		0.876			
KBN	AC	HHZ		36.8	251	61	P		8.37	7.27	7.43	0.00	-0.16	1.29		0.622	1.00	17	2.31 D
KBN	AC	HHE		36.8	251	61	S		14.19	13.09	13.00	0.00	0.09	1.29S		0.876			
KBN	AC	HHN		36.8	251	61	6		0.00	-1.10	7.43	0.00		0.00		0.000	1.00		1.6 .36 2.23 L
LSK	AC	HHZ		82.4	219	51	P		16.02	14.92	15.27	0.00	-0.35	0.05		0.002	1.00	20	2.50 D
LSK	AC	HHN		82.4	219	51	6		0.00	-1.10	15.27	0.00		0.00		0.000	1.00		0.33 .31 2.08 L
							S		27.82	26.72	26.72	0.00	0.00	0.80S		0.998			
PHP	AC	HHZ		123.2	330	51	P		22.08	20.98	22.28	0.00	-4.30	0.00		0.000			
PHP	AC	HHN		123.2	330	51	6		0.00	-1.10	22.28	0.00		0.00		0.000	1.00		0.23 .30 2.23 L
							S		39.13	38.03	38.99	0.00	-0.96*	0.00S		0.000			
IGT	AC	HHZ		152.6	210	46	P		29.31	28.21	27.32	0.00	0.89*	0.00		0.000			
IGT	AC	HHN		152.6	210	46	S		48.88	47.78	47.81	0.00	-0.03	0.00S		0.000			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2015-03-31	1304	38.83	40 42.31	21E14.27	8.84	0.13	1.90	5.19	2.63	2.78		

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
11	15	15.0	At1	167	8	0	6	3	10		3.00	0.03 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
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FNA	AC	HHZ	15.0	55	111	P	42.30	3.47	3.31	0.00	0.16	1.25	0.595								
FNA	AC	HHN	15.0	55	111	S	44.53	5.70	5.79	0.00	-0.09	1.25S	0.868								
KBN	AC	HHZ	39.2	257	95	P	46.05	7.22	7.38	0.00	-0.16	1.25	0.595	1.00	27	2.71	D				
KBN	AC	HHN	39.2	257	95		6	0.00	-38.83	7.38	0.00	0.00	0.000	1.00				3.7	.28	2.63	L
						S	51.84	13.01	12.91	0.00	0.10	1.25S	0.868								
LSK	AC	HHZ	82.1	222	92	P	53.61	14.78	14.75	0.00	0.03	0.49	0.300	1.00	30	2.84	D				
LSK	AC	HHE	82.1	222	92		6	60.00	21.17	14.75	0.00	0.00	0.000	1.00				1.0	.50	2.58	L
						S	64.63	25.80	25.81	0.00	-0.01	0.49S	0.771								
PHP	AC	HHZ	127.7	329	68	P	59.75	20.92	22.58	0.00	-1.66*	0.00	0.000								
PHP	AC	HHN	127.7	329	68		6	60.00	21.17	22.58	0.00	0.00	0.000	1.00				0.57	.31	2.66	L
IGT	AC	HHZ	151.6	212	68	P	66.63	27.80	26.39	0.00	1.41*	0.00	0.000								
IGT	AC	HHN	151.6	212	68	S	84.55	45.72	46.18	0.00	-0.46	0.00S	0.000								
BCI	AC	HHZ	208.8	333	68	P	72.99	34.16	35.52	0.00	-1.36*	0.00	0.000								

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2015	03	31	1316	31.49	40 46.90	21E11.01	6.36	0.09	1.66	13.77	3.19	2.97

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	16.9	At1	206	7	0	5	3	18	-	4.00	0.05 L	3.00 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		
FNA	AC	HHZ		16.9	89	93	P	35.17	3.68	3.54	0.00	0.14	1.31	0.622							
FNA	AC	HHN		16.9	89	93	S	37.58	6.09	6.19	0.00	-0.11	1.31S	0.877							
KBN	AC	HHZ		37.8	243	90	P	38.55	7.06	7.12	0.00	-0.06	1.31	0.623	1.00	33	2.87	D			
KBN	AC	HHN		37.8	243	90		6	0.00	-31.49	7.12	0.00	0.00	0.000	1.00			18	.37	3.29	L
							S	43.96	12.47	12.46	0.00	0.01	1.31S	0.877							
LSK	AC	HHZ		85.9	216	90	P	46.26	14.77	15.39	0.00	-0.62*	0.00	0.000	1.00	35	2.97	D			
LSK	AC	HHE		85.9	216	90		6	0.00	-31.49	15.39	0.00	0.00	0.000	1.00			4.0	.54	3.19	L
							S	58.48	26.99	26.93	0.00	0.06	0.75S	1.000							
PHP	AC	HHZ		118.0	329	90	P	51.11	19.62	20.91	0.00	-1.29*	0.00	0.000	1.00	40	3.12	D			
PHP	AC	HHN		118.0	329	90		6	60.00	28.51	20.91	0.00	0.00	0.000	1.00			1.9	.68	3.10	L
							S	68.11	36.62	36.59	0.00	0.03	0.00S	0.000							
TIR	AC	HHZ		127.4	300	90	P	54.05	22.56	22.52	0.00	0.04	0.00	0.000							
SRN	AC	HHZ		141.9	226	68	P	56.48	24.99	25.00	0.00	-0.01	0.00	0.000							
SRN	AC	HHN		141.9	226	68		6	60.00	28.51	25.00	0.00	0.00	0.000	1.00			1.6	.60	3.19	L
							S	75.12	43.63	43.75	0.00	-0.12	0.00S	0.000							
THE	AC	HHZ		151.3	95	68	P	57.35	25.86	26.50	0.00	-0.64*	0.00	0.000							
IGT	AC	HHZ		156.7	208	68	P	59.30	27.81	27.37	0.00	0.44	0.00	0.000							
IGT	AC	HHE		156.7	208	68	S	79.00	47.51	47.90	0.00	-0.39	0.00S	0.000							
PUK	AC	HHZ		176.8	323	68	P	61.52	30.03	30.57	0.00	-0.54*	0.00	0.000							
PUK	AC	HHN		176.8	323	68	S	84.96	53.47	53.50	0.00	-0.03	0.00S	0.000							
BCI	AC	HHZ		199.1	333	68	P	65.59	34.10	34.13	0.00	-0.03	0.00	0.000							

LKD2 AC HHZ 225.8 192 50 P 68.04 36.55 38.16 0.00 -1.61\* 0.00 0.000

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2015-03-31 1329 40.47 40 46.13 21E11.69 6.69 0.11 2.42 3.85 2.87 2.73

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
15 21 16.0 At1 198 8 0 5 3 15 - 4.00 0.04 L 2.00 0.24 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
FNA	AC	HHZ		16.0	84	96	P		43.99	3.52	3.38	0.00	0.14	1.12		0.623			
FNA	AC	HHN		16.0	84	96	S		46.28	5.81	5.91	0.00	-0.10	1.12S		0.876			
KBN	AC	HHZ		38.0	246	91	P		47.71	7.24	7.17	0.00	0.07	1.12		0.623	1.00	21	2.49 D
KBN	AC	HHE		38.0	246	91		6	0.00-40.47	7.17	0.00			0.00		0.000	1.00		6.1 .23 2.83 L
									52.90	12.43	12.55	0.00	-0.12	1.12S		0.876			
LSK	AC	HHZ		85.3	217	90	P		55.18	14.71	15.29	0.00	-0.48	0.00		0.000			
LSK	AC	HHN		85.3	217	90		6	60.00	19.53	15.29	0.00		0.00		0.000	1.00		2.1 .43 2.90 L
									67.36	26.89	26.76	0.00	0.13	0.52S		0.999			
PHP	AC	HHZ		119.8	329	90	P		60.07	19.60	21.21	0.00	-0.61*	0.00		0.000	1.00	33	2.96 D
PHP	AC	HHN		119.8	329	90		6	60.00	19.53	21.21	0.00		0.00		0.000	1.00		0.96 .28 2.83 L
									77.10	36.63	37.12	0.00	-0.49	0.00S		0.000			
TIR	AC	HHZ		129.0	301	90	P		63.17	22.70	22.79	0.00	-0.09	0.00		0.000			
SRN	AC	HHZ		141.6	227	68	P		65.89	25.42	24.93	0.00	0.49	0.00		0.000			
SRN	AC	HHN		141.6	227	68		6	60.00	19.53	24.93	0.00		0.00		0.000	1.00		1.4 .66 3.15 L
									84.07	43.60	43.63	0.00	-0.03	0.00S		0.000			
IGT	AC	HHZ		155.9	209	68	P		68.30	27.83	27.22	0.00	0.61*	0.00		0.000			
IGT	AC	HHN		155.9	209	68	S		88.01	47.54	47.63	0.00	-0.10	0.00S		0.000			
PUK	AC	HHZ		178.5	323	68	P		70.37	29.90	30.83	0.00	-0.93*	0.00		0.000			
BCI	AC	HHZ		200.8	333	68	P		74.61	34.14	34.38	0.00	-0.24	0.00		0.000			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2015-03-31 1548 38.45 38 16.23 20E22.31 14.98 0.26 1.64 1.13 4.89

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 27 62.7 At1 299 8 0 14 6 19 6.00 0.09 L 0.00 0.00 D

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
LKD2	AC	HHZ		62.7	23	93	P		50.26	11.81	11.50	0.00	0.31	1.26		0.403			
LKD2	AC	HHE		62.7	23	93	S		58.18	19.73	20.13	0.00	-0.40	1.26S		0.628			
IGT	AC	HHZ		140.0	359	71	P		63.44	24.99	24.17	0.00	0.42	0.13		0.001			







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
2015	03	16	2250	44.70								PUK
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PUK	SZ	IPG		2250	44.70							
PUK	SE	ISG		2250	45.59							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2015	03	16	2353	05.01								PUK
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PUK	SZ	IPG		2353	05.01							
PUK	SE	ISG		2353	05.89							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2015	03	17	0104	03.80								PUK
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PUK	SZ	IPG		0104	03.80							
PUK	SE	ISG		0104	04.76							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2015	03	17	2351	28.04								PUK
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
PUK	SZ	IPG		2351	28.04							
PUK	SE	ISG		2351	29.12							

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

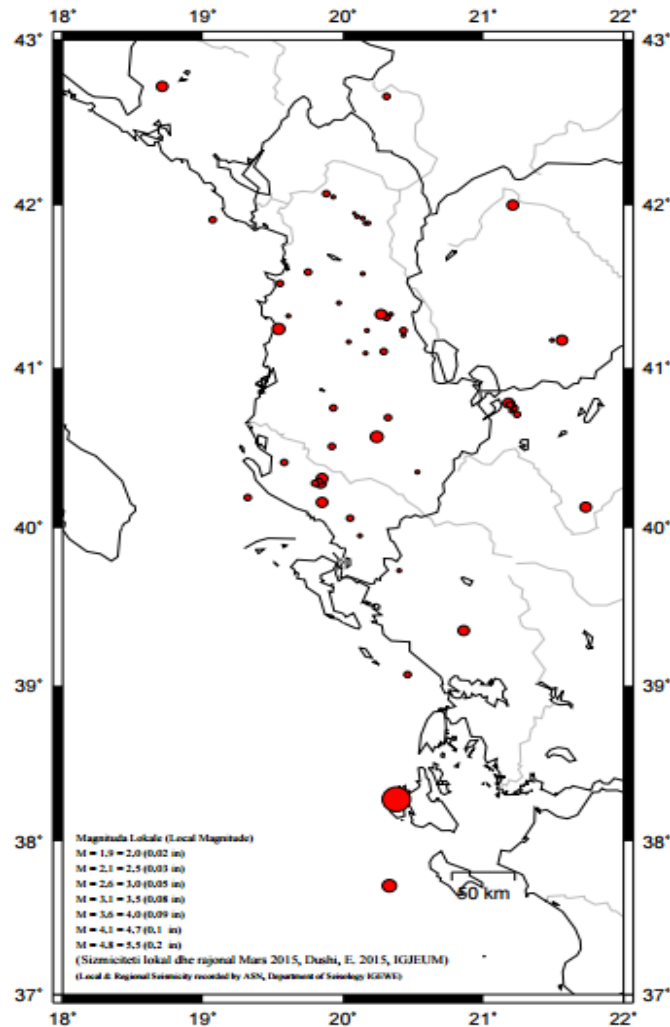
**Ngjarja 1** (Event 1):

Datë 23.03.2015, në orën 21:57:04.42 (UTC); lokalizuar 41.33V; 20.27L, 7km në Lindje të Bizës; Intensiteti i tërmetit në epiqendër  $I_0 = IV$  ballë (EMS-98); Ndjerë: III- IV ballë në qytetin e Tiranës.

( Intensity  $I_0 = IV$  degree (EMS-98), felt III-IV degree at Tirana town..

**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 magnitudë (madhësia e simbolit) dhe thellësinë (ngjyra e simbolit); Ngjarjet janë lokalizuar gjatë muajit Mars 2015, bazuar në regjistrimet e ASN dhe stacioneve sizmologjike në rajon.  
(*Epicentral map for located seismicity within Albania and surrounding during March 2015*)

## 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]	53
Numuri i ngjarjeve sizmike brenda kufirit shtetëror	[earthquakes occurred within state border]	41
Thellësia mesatare e vrojtuar (km)	[mean observed depth]	6
Thellësia maksimale e vrojtuar (km)	[maximum observed depth]	29
Magnituda lokale minimale e vrojtuar ( $M_{Ld}$ )	[minimum observed local magnitude]	1.8
Magnituda lokale maksimale e vrojtuar ( $M_{Ld}$ )	[maximum observed local magnitude]	3.9
Intensiteti maksimal i vrojtuar (MSK-64)	[maximum observed intensity]	V

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