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BULETINI SIZMOLOGJIK

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Përpiloi:

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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

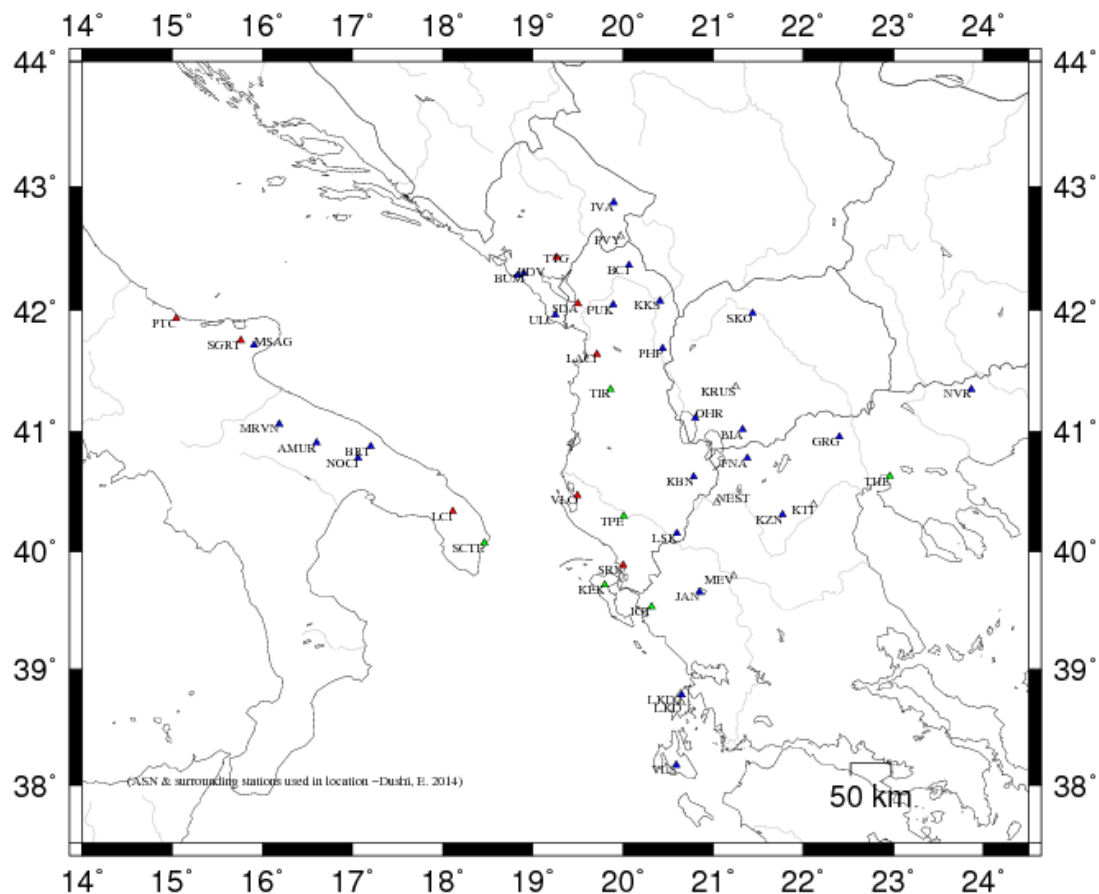
Shënim:

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.	Lartësia	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)
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.	Lartësia	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)
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 shperndarjes se stacioneve te rrjetit sizmologjik Shqiptar (ASN), Universitetit ‘Aristotel’ te Selanikut (THE), Observatorit Kombetar te Athines (ATH), INGV, rrjetit sizmologjik Malazez (PDG) dhe atij Maqedonas (SKO).
 [Seismological station distribution map for ASN, THE, ATH, INGV, PDG & SKO]

Përshkrimi i terminlogjisë së përdorur për parametrat e përftuar
 (Output parameter’s description)

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, [Defined as the largest projections of the three principal errors on a vertical line].

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 & S readings with weights > 0.1</i>].
NWS	Numri i fazave S me peshë statistikore > 0.1 [<i>number of S-phases with weights > 0.1</i>].
NVR	Numri i fazave P & S, të vlefshme për lokalizim [<i>number of P & S phases valid for location, assigned weights > 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 – vibrime (tremors) dhe L – kontraktimet me period të gjatë (long period tidal waves); # - problem me konvergimin e zgjidhjes së përfutur në mënyrë iterative [<i>convergence problems</i>], ose zgjidhje e pa pranueshme me RMS të lartë; (-) – tregon se thellësia është fiksuar [<i>fixed depth solution</i>]; X – lokalizimi i fiksuar për të rritur performancën në llogaritjen e thellësisë [<i>fixed location solution</i>].
AVH	Shënime për statusin [<i>status remarks</i>].
N.XMG	Numri i magnitudave bazuar në amplitudë [<i>number of primary amplitude based magnitudes</i>].
X.MMAD	Gabimi i bërë në vlerësimin e ML [<i>weighted median absolute difference for the primary amplitude magnitudes</i>].
T	Kodi i identifikimit për magnitudën XMAG1 [<i>label code for XMAG1</i>].
N.FMAG	Numri i magnitudave, bazuar në zgjatshmërinë e sinjalit [<i>number of primary coda magnitudes</i>].
FMMAD	Gabimi i bërë në vlerësimin e Md [<i>weighted median absolute difference for the primary coda magnitudes</i>].
T	Kodi i identifikimit për magnitudën FMAG1 [<i>label code for FMAG1</i>].
Shënim: parametrat XMAG2 dhe FMAG2, së bashku me parametrat e tjerë suksesiv të indeksuar me #####2, paraqesin informacionin për magnitudat dytësore [<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 [station remark]
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 & 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 & XC2 commands</i>].

Të dhënat parametrike dhe rezultatet e përfuara, nga lokalizimi i tërmeteve lokal, rajonal dhe të largët, si dhe të dhënat për ngjarjet sizmike të pa-lokalizueshme, të regjistruar nga Rrjeti Sizmologjik Shqipëtar (ASN).

Tërmetet Lokalë [Local Earthquakes]

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	SOURCE						
2014-10-01	0321	12.80	41	2.94	20E16.88	12.18	0.13	0.70	1.00	2.93									
NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X				
15	22	48.2	Atl	154	11	0	13	7	14		7.00	0.21	L	0.00	0.00	D			
REGION= Bulqizë, Rajoni i Dibrës [Bulqiza, Dibra 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		48.2	314	99		6	0.00-12.80	8.99	0.00			0.00		0.000	1.00		1.9 .63 2.44 L
							S		28.60 15.80	15.73	0.00	0.07	1.09S			0.652			
TIR	AC	HHZ		48.2	314	99	P		21.57 8.77	8.99	0.00	-0.22	1.09			0.293			
PHP	AC	HHN		71.8	10	95		6	0.00-12.80	13.03	0.00			0.00		0.000	1.00		1.4 .15 2.61 L
							S		35.60 22.80	22.80	0.00	0.00	1.09S			0.495			
PHP	AC	HHZ		71.8	10	95	P		25.84 13.04	13.03	0.00	0.01	1.09			0.302			
LSK	AC	HHN		103.4	164	78		6	0.00-12.80	18.39	0.00			0.00		0.000	1.00		2.0 .47 3.04 L
							S		44.91 32.11	32.18	0.00	-0.07	1.09S			0.368			
LSK	AC	HHZ		103.4	164	78	P		30.74 17.94	18.39	0.00	-0.45	0.01			0.000			
PUK	AC	HHN		115.0	344	68		6	0.00-12.80	20.35	0.00			0.00		0.000	1.00		1.5 .18 3.00 L
							S		48.71 35.91	35.61	0.00	0.30	0.92S			0.320			
PUK	AC	HHZ		115.0	344	68	P		33.09 20.29	20.35	0.00	-0.06	1.09			0.130			
PUK	AC	HHE		115.0	344	68		6	0.00-12.80	20.35	0.00			0.00		0.000	1.00		1.3 .34 2.93 L
SRN	AC	HHN		132.0	191	68		6	0.00-12.80	23.05	0.00			0.00		0.000	1.00		0.46 .74 2.60 L
							S		53.00 40.20	40.34	0.00	-0.14	1.09S			0.316			
SRN	AC	HHZ		132.0	191	68	P		36.01 23.21	23.05	0.00	0.16	1.09			0.143			
BCI	AC	HHE		147.4	354	68		6	0.00-12.80	25.51	0.00			0.00		0.000	1.00		1.3 .56 3.14 L
							S		57.32 44.52	44.64	0.00	-0.12	1.09S			0.434			
BCI	AC	HHZ		147.4	354	68	P		38.26 25.46	25.51	0.00	-0.05	1.09			0.138			
IGT	AC	HHZ		168.6	178	68	P		41.84 29.04	28.88	0.00	0.16	1.09			0.144			
IGT	AC	HHN		168.6	178	68	S		63.39 50.59	50.54	0.00	0.05	1.09S			0.258			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2014-10-01 0744 11.35 41 29.06 20E15.80 6.99 0.11 0.91 12.50 1.54 2.52

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
 8 11 26.7 Atl 213 6 0 6 3 6 - 3.00 0.02 L 2.00 0.31 D
 REGION= Bulqizë, Rajoni i Dibrës [Bulqiza, Dibra Region, Albania]

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
PHP	AC	HHZ		26.7	33	93	P		16.63	5.28	5.22	0.00	0.06	1.00		0.497	1.00	16	2.21 D
PHP	AC	HHN		26.7	33	93		6	0.00-11.35	5.22	0.00			0.00		0.000	1.00		0.40 .21 1.54 L
							S		20.43	9.08	9.13	0.00	-0.05	1.00S		0.835			
TIR	AC	HHZ		36.6	246	92	P		18.42	7.07	6.92	0.00	0.15	1.00		0.497			
TIR	AC	HHE		36.6	246	92	S		23.36	12.01	12.11	0.00	-0.10	1.00S		0.835			
TIR	AC	HHN		36.6	246	92		6	0.00-11.35	6.92	0.00			0.00		0.000	1.00		0.34 .14 1.56 L
PUK	AC	HHZ		69.2	334	90	P		23.72	12.37	12.54	0.00	-0.17	1.00		0.497	1.00	30	2.83 D
PUK	AC	HHN		69.2	334	90	S		33.40	22.05	21.94	0.00	0.10	1.00S		0.835			
PUK	AC	HHE		69.2	334	90		6	0.00-11.35	12.54	0.00			0.00		0.000	1.00		0.10 .11 1.44 L

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2014-10-02 1631 56.69 41 14.19 20E16.10 21.13 0.46 1.22 7.95 3.41

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
 15 19 36.0 Atl 95 16 0 10 4 15 1.00 0.00 L 0.00 0.00 D
 REGION= Kuturman, Rajoni i Elbasanit [Kuturman, 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	HHE		36.0	291	90		6	60.00	3.31	7.30	0.00		0.00		0.000	1.00		21 .56 3.41 L
							S		69.96	13.27	12.77	0.00	0.50	1.45S		0.462			
TIR	AC	HHZ		36.0	291	90	P		63.70	7.01	7.30	0.00	-0.29	1.45		0.263			
OHR	MK	HHZ		46.3	107	90	P		65.30	8.61	8.96	0.00	-0.35	1.45		0.237			
OHR	MK	HHE		46.3	107	90	S		72.70	16.01	15.68	0.00	0.33	1.45S		0.415			
NEST	TH	HHZ		112.6	143	90	P		76.30	19.61	19.52	0.00	0.09	1.45		0.454			
ULC	MN	HHZ		117.2	314	90	P		76.40	19.71	20.25	0.00	-0.54*	1.45		0.249			
ULC	MN	HHN		117.2	314	90	S		94.00	37.31	35.44	0.00	1.87*	0.50S		0.061			
SKO	MK	HHZ		127.3	49	90	P		80.80	24.11	21.86	0.00	2.25*	0.03		0.000			
SKO	MK	HHE		127.3	49	90	S		95.00	38.31	38.25	0.00	0.06	1.45S		0.848			
IGT	AC	HHZ		189.4	178	62	P		89.01	32.32	31.67	0.00	0.65*	0.72		0.638			
SCTE	AC	HHZ		199.3	231	62	P		88.62	31.93	33.08	0.00	-1.15*	0.54		0.363			
THE	AC	HHZ		236.7	105	56	P		96.20	39.51	38.04	0.00	1.47*	0.04		0.004			
LKD2	AC	HHZ		273.8	172	56	P		99.19	42.50	42.95	0.00	-0.45	0.00		0.000			
NOCI	AC	HHZ		274.1	261	56	P		98.60	41.91	43.00	0.00	-1.09*	0.00		0.000			
SGRT	AC	HHZ		380.9	281	56	P		113.19	56.50	57.12	0.00	-0.62*	0.00		0.000			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2014-10-02 1644 56.91 41 12.40 20E16.93 7.32 0.11 0.54 2.08 2.70 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
 12 17 38.3 At1 154 9 0 11 5 12 1.00 0.00 L 3.00 0.03 D

REGION= 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	HHN		38.3	295	92	S		69.69	12.78	12.62	0.00	0.16	1.12S		0.626			
TIR	AC	HHZ		38.3	295	92	P		64.03	7.12	7.21	0.00	-0.09	1.12		0.265	1.00	31	2.82 D
PHP	AC	HHN		54.7	13	91	S		74.58	17.67	17.57	0.00	0.10	1.12S		0.393			
PHP	AC	HHZ		54.7	13	91	P		66.94	10.03	10.04	0.00	-0.01	1.12		0.231	1.00	29	2.79 D
PUK	AC	HHN		98.4	341	90	S		87.56	30.65	30.73	0.00	-0.08	1.12S		0.246			
PUK	AC	HHZ		98.4	341	90	P		74.27	17.36	17.56	0.00	-0.20	1.12		0.119	1.00	30	2.86 D
LSK	AC	HHZ		120.4	167	90	P		78.24	21.33	21.31	0.00	0.02	1.12		0.814			
BCI	AC	HHE		130.1	353	90		6	60.00	3.09	22.98	0.00		0.00		0.000	1.00		0.60 .41 2.70 L
							S		97.14	40.23	40.22	0.00	0.01	1.12S		0.278			
BCI	AC	HHZ		130.1	353	90	P		80.28	23.37	22.98	0.00	0.39	0.32		0.011			
SRN	AC	HHN		149.2	190	68	S		102.63	45.72	45.69	0.00	0.03	1.09S		0.894			
SRN	AC	HHZ		149.2	190	68	P		84.39	27.48	26.11	0.00	0.47	0.00		0.000			
SCTE	AC	HHZ		198.1	232	68	P		90.73	33.82	33.91	0.00	-0.09	0.60		0.117			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2014-10-03 0104 26.69 41 11.95 20E 4.22 12.43 0.17 0.52 0.97 2.66

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
 15 22 23.8 At1 131 9 0 11 6 15 0.00 0.00 L 5.00 0.15 D

REGION= 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	HHE		23.8	314	111	S		35.28	8.59	8.66	0.00	-0.07	1.49S		0.667			
TIR	AC	HHZ		23.8	314	111	P		31.78	5.09	4.95	0.00	0.14	1.49		0.348	1.00	24	2.56 D
OHR	SK	HHZ		61.9	98	97	P		38.20	11.51	11.34	0.00	0.17	1.49		0.557			
PHP	AC	HHN		62.2	29	97	S		46.49	19.80	19.92	0.00	-0.12	1.49S		0.619			
PHP	AC	HHZ		62.2	29	97	P		38.07	11.38	11.38	0.00	0.00	1.49		0.207	1.00	20	2.51 D
PUK	AC	HHE		94.9	352	78	S		56.58	29.89	29.66	0.00	0.23	1.42S		0.569			
PUK	AC	HHZ		94.9	352	78	P		43.35	16.66	16.95	0.00	-0.29	1.37		0.240	1.00	23	2.66 D
LSK	AC	HHE		124.8	158	68	S		64.77	38.08	38.31	0.00	-0.23	0.75S		0.550			
LSK	AC	HHZ		124.8	158	68	P		47.85	21.16	21.89	0.00	-0.73*	0.00		0.000			
BCI	AC	HHE		129.7	0	68	S		66.46	39.77	39.67	0.00	0.10	0.62S		0.169			
BCI	AC	HHZ		129.7	0	68	P		48.89	22.20	22.67	0.00	-0.47	0.03		0.000	1.00	30	2.91 D

SRN	AC	HHE	146.6	183	68	S	70.91	44.22	44.40	0.00	-0.18	0.21S	0.052						
SRN	AC	HHZ	146.6	183	68	P	52.41	25.72	25.37	0.00	0.35	0.16	0.015	1.00	35	3.06	D		
IGT	AC	HHE	186.5	173	68	S	82.15	55.46	55.53	0.00	-0.07	0.00S	0.000						
IGT	AC	HHZ	186.5	173	68	P	58.12	31.43	31.73	0.00	-0.30	0.00	0.000						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	03	0105	57.20	41 11.24	20E 4.72	12.40	0.09	0.99	1.32	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	25.3	Atl	287	9	0	6	3	6		0.00	0.00	L	2.00	0.02	D

REGION= 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		25.3	315	110	P		62.41	5.21	5.18	0.00	0.03	1.01		0.500	1.00	14	2.11	D
TIR	AC	HHE		25.3	315	110	S		66.24	9.04	9.06	0.00	-0.03	1.01S		0.836				
PHP	AC	HHZ		63.0	28	96	P		68.57	11.37	11.52	0.00	-0.15	1.01		0.500	1.00	13	2.14	D
PHP	AC	HHN		63.0	28	96	S		77.44	20.24	20.16	0.00	0.08	1.01S		0.836				
PUK	AC	HHN		96.3	351	78	S		87.21	30.01	30.07	0.00	-0.06	0.99S		0.833				
PUK	AC	HHZ		96.3	351	78	P		74.50	17.30	17.18	0.00	0.12	0.99		0.490				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	03	0107	33.11	41 10.89	20E 3.99	25.00	0.07	1.10	13.68	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	
7	10	25.0	Atl	289	9	0	7	3	7	-	0.00	0.00	L	3.00	0.35	D

REGION= VL të Elbasanit [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		25.0	318	90	P		38.68	5.57	5.56	0.00	0.01	1.09		0.484	1.00	9	1.89	D
TIR	AC	HHE		25.0	318	90	S		42.75	9.64	9.73	0.00	-0.09	1.09S		0.601				
PHP	AC	HHZ		64.0	29	90	P		44.86	11.75	11.78	0.00	-0.03	1.09		0.479	1.00	13	2.30	D
PHP	AC	HHN		64.0	29	90	S		53.67	20.56	20.61	0.00	-0.06	1.09S		0.623				
PUK	AC	HHZ		96.7	352	90	P		50.13	17.02	16.99	0.00	0.03	1.06		0.202	1.00	19	2.65	D
PUK	AC	HHN		96.7	352	90	S		62.93	29.82	29.73	0.00	0.09	1.06S		0.554				
BCI	AC	HHZ		131.6	0	90	P		55.84	22.73	22.56	0.00	0.17	0.54		0.054				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2014-10-03 0145 4.16 41 12.85 20E 4.32 15.96 0.06 0.38 1.03 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
 16 23 22.8 Atl 152 8 0 10 6 16 0.00 0.00 L 4.00 0.11 D
 REGION= VL të Elbasanit [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	HHE		22.8	311	119	S		13.05	8.89	8.84	0.00	0.05	1.54S		0.718			
TIR	AC	HHZ		22.8	311	119	P		9.13	4.97	5.05	0.00	-0.08	1.54		0.361	1.00	21	2.49 D
PHP	AC	HHN		60.7	30	96	S		23.72	19.56	19.55	0.00	0.01	1.54S		0.567			
PHP	AC	HHZ		60.7	30	96	P		15.34	11.18	11.17	0.00	0.01	1.54		0.195	1.00	19	2.51 D
OHR	SK	HHE		62.1	100	95	S		24.10	19.94	19.97	0.00	-0.03	1.54S		0.630			
OHR	SK	HHZ		62.1	100	95	P		15.60	11.44	11.41	0.00	0.03	1.54		0.327			
PUK	AC	HHN		93.2	351	92	S		33.28	29.12	29.10	0.00	0.02	1.43S		0.526			
PUK	AC	HHZ		93.2	351	92	P		20.28	16.12	16.63	0.00	-0.51*	0.00		0.000	1.00	23	2.70 D
LSK	AC	HHN		126.3	159	71	S		42.69	38.53	38.38	0.00	0.15	0.57S		0.501			
LSK	AC	HHZ		126.3	159	71	P		25.33	21.17	21.93	0.00	-0.76*	0.00		0.000			
BCI	AC	HHE		128.0	0	71	S		43.41	39.25	38.85	0.00	0.40	0.11S		0.011			
BCI	AC	HHZ		128.0	0	71	P		26.12	21.96	22.20	0.00	-0.24	0.52		0.149	1.00	29	2.93 D
SKO	SK	HHZ		141.7	53	71	P		28.90	24.74	24.38	0.00	0.36	0.09		0.002			
SRN	AC	HHE		148.3	183	71	S		48.35	44.19	44.50	0.00	-0.31	0.06S		0.007			
SRN	AC	HHZ		148.3	183	71	P		30.21	26.05	25.43	0.00	0.62*	0.00		0.000			
IGT	AC	HHZ		188.1	173	71	P		35.26	31.10	31.79	0.00	-0.69*	0.00		0.000			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2014-10-03 0147 5.09 41 7.88 20E 7.49 6.97 0.20 1.70 16.81 2.18

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 32.4 Atl 295 9 0 6 3 6 - 0.00 0.00 L 2.00 0.00 D
 REGION= VL të Elbasanit [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		32.4	318	92	P		11.61	6.52	6.20	0.00	0.32	1.01		0.503	1.00	15	2.18 D
TIR	AC	HHE		32.4	318	92	S		15.80	10.71	10.85	0.00	-0.14	1.01S		0.838			
PHP	AC	HHZ		66.9	23	90	P		17.19	12.10	12.14	0.00	-0.04	1.01		0.504	1.00	14	2.18 D
PHP	AC	HHN		66.9	23	90	S		26.38	21.29	21.24	0.00	0.05	1.01S		0.838			
PUK	AC	HHZ		103.0	350	90	P		23.08	17.99	18.33	0.00	-0.34	0.95		0.469			
PUK	AC	HHE		103.0	350	90	S		37.30	32.21	32.08	0.00	0.13	1.01S		0.845			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2014-10-03 0148 31.74 41 11.29 20E 5.83 10.52 0.09 0.89 1.33 1.79 2.44

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 26.3 Atl 286 9 0 7 4 8 1.00 0.00 L 3.00 0.00 D
 REGION= VL të Elbasanit [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		26.3	313	104	P		36.91	5.17	5.25	0.00	-0.08	1.28		0.538	1.00	21	2.44 D
TIR	AC	HHE		26.3	313	104	S		41.04	9.30	9.19	0.00	0.11	1.28S		0.668			
PHP	AC	HHZ		62.2	27	94	P		43.07	11.33	11.34	0.00	-0.01	1.28		0.530	1.00	19	2.44 D
PHP	AC	HHN		62.2	27	94		6	0.00-31.74	11.34	0.00			0.00		0.000	1.00		0.28 .15 1.79 L
							S		51.67	19.93	19.85	0.00	0.08	1.28S		0.705			
PUK	AC	HHZ		96.4	350	93	P		48.50	16.76	17.22	0.00	-0.46	0.01		0.000	1.00	25	2.71 D
PUK	AC	HHN		96.4	350	93	S		61.73	29.99	30.13	0.00	-0.14	1.27S		0.524			
BCI	AC	HHZ		130.9	359	68	P		54.77	23.03	22.99	0.00	0.04	0.80		0.366			
BCI	AC	HHN		130.9	359	68	S		72.05	40.31	40.23	0.00	0.08	0.80S		0.666			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2014-10-03 0149 3.33 41 12.67 20E 4.46 12.60 0.10 0.97 1.30 2.36

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 23.2 Atl 281 10 0 6 3 6 0.00 0.00 L 3.00 0.04 D
 REGION= VL të Elbasanit [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		23.2	311	113	P		8.35	5.02	4.86	0.00	0.16	1.02		0.507	1.00	19	2.36 D
TIR	AC	HHN		23.2	311	113	S		11.75	8.42	8.50	0.00	-0.08	1.02S		0.839			
PHP	AC	HHZ		60.9	30	97	P		14.47	11.14	11.16	0.00	-0.02	1.02		0.507	1.00	16	2.32 D
PHP	AC	HHN		60.9	30	97	S		22.88	19.55	19.53	0.00	0.02	1.02S		0.839			
PUK	AC	HHZ		93.6	351	78	P		19.91	16.58	16.73	0.00	-0.15	0.96		0.478	1.00	20	2.54 D
PUK	AC	HHN		93.6	351	78	S		32.69	29.36	29.28	0.00	0.08	0.96S		0.829			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2014-10-05 1046 1.32 41 10.97 20E 4.91 12.15 0.09 1.00 1.35 2.06

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 25.8 Atl 288 9 0 6 3 6 0.00 0.00 L 2.00 0.15 D
 REGION= VL të Elbasanit [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
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TIR	AC	HHZ	25.8	316	109	P	6.51	5.19	5.25	0.00	-0.06	1.00	0.499	1.00	11	1.91	D
TIR	AC	HHN	25.8	316	109	S	10.54	9.22	9.19	0.00	0.03	1.00S	0.836				
PHP	AC	HHZ	63.3	28	96	P	13.03	11.71	11.57	0.00	0.14	1.00	0.499	1.00	14	2.20	D
PHP	AC	HHN	63.3	28	96	S	21.47	20.15	20.25	0.00	-0.10	1.00S	0.836				
PUK	AC	HHZ	96.8	351	78	P	18.51	17.19	17.28	0.00	-0.09	0.99	0.493				
PUK	AC	HHE	96.8	351	78	S	31.62	30.30	30.24	0.00	0.06	0.99S	0.834				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2014	10	07	1026	47.62	42	1.77	20E	7.45	9.72	0.13	0.55	3.40	3.24

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	18	19.2	Atl	152	8	0	9	4	12		4.00	0.35	L	0.00	0.00	D

REGION= Fushë-Arrëz, Rajoni i Pukës [Fushë-Arrëzi, 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	HHN		19.2	275	108	S		54.67	7.05	7.09	0.00	-0.04	1.02S		0.787					
PUK	AC	HHZ		19.2	275	108	P		51.58	3.96	4.05	0.00	-0.09	1.02		0.222					
PUK	AC	HHE		19.2	275	108		6	0.00	-47.62	4.05	0.00		0.00		0.000	1.00	114	.07	3.93	L
BCI	AC	HHN		37.7	353	97	S		60.36	12.74	12.53	0.00	0.21	1.02S		0.460					
BCI	AC	HHZ		37.7	353	97	P		54.82	7.20	7.16	0.00	0.04	1.02		0.263					
BCI	AC	HHE		37.7	353	97		6	60.00	12.38	7.16	0.00		0.00		0.000	1.00	33	.63	3.56	L
PHP	AC	HHN		46.5	145	95		6	60.00	12.38	8.64	0.00		0.00		0.000	1.00	5.4	.20	2.87	L
							S		62.80	15.18	15.12	0.00	0.06	1.02S		0.758					
PHP	AC	HHZ		46.5	145	95	P		56.08	8.46	8.64	0.00	-0.18	1.02		0.277					
PVY	MS	HHZ		64.0	349	93	P		59.10	11.48	11.65	0.00	-0.17	1.02		0.366					
ULC	MS	HHZ		72.9	265	93	P		59.90	12.28	13.17	0.00	-0.89*	0.00		0.000					
TIR	AC	HHN		78.7	196	93		6	60.00	12.38	14.18	0.00		0.00		0.000	1.00	2.4	.50	2.91	L
							S		72.62	25.00	24.81	0.00	0.18	0.94S		0.517					
TIR	AC	HHZ		78.7	196	93	P		61.82	14.20	14.18	0.00	0.02	0.94		0.345					
SKO	SK	HHZ		109.1	92	92	P		67.60	19.98	19.40	0.00	0.58*	0.00		0.000					
LSK	AC	HHZ		212.5	169	55	P		83.92	36.30	35.99	0.00	0.31	0.00		0.000					

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2014	10	09	0423	23.91	41	50.85	20E	9.06	7.00	0.04	0.98	10.78	2.25

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	30.1	Atl	190	6	0	6	3	6	-	0.00	0.00	L	2.00	0.20	D

REGION= Arrë-Mollë, Rajoni i Pukës [Arrë-Molla, 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	
PHP	AC	HHZ		30.1	126	92	P		29.79	5.88	5.81	0.00	0.07	1.00		0.497	1.00	13	2.05	D

PHP	AC	HHN	30.1	126	92	S	34.04	10.13	10.17	0.00	-0.04	1.00S	0.835						
PUK	AC	HHZ	30.5	316	92	P	29.79	5.88	5.87	0.00	0.01	1.00	0.497	1.00	21	2.45	D		
PUK	AC	HHN	30.5	316	92	S	34.18	10.27	10.27	0.00	0.00	1.00S	0.835						
BCI	AC	HHZ	58.1	354	91	P	34.46	10.55	10.62	0.00	-0.07	1.00	0.497						
BCI	AC	HHE	58.1	354	91	S	42.52	18.61	18.58	0.00	0.03	1.00S	0.835						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	12	0256	51.61	41 31.33	20E 8.84	18.54	0.11	0.43	0.53	2.72	

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
16	23	30.4	Atl	112	6	0	14	6	15		5.00	0.22	L	0.00	0.00	D

REGION= Klos, Rajoni i Matit [Klosi, Mati Region, Albania]

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
PHP	AC	HHN		30.4	53	116		6	60.00	8.39	6.38	0.00		0.00		0.000	1.00		8.7 .20 2.98 L
							S		62.41	10.80	11.16	0.00	-0.36	0.27S		0.062			
PHP	AC	HHZ		30.4	53	116	P		58.00	6.39	6.38	0.00	0.01	1.33		0.695			
TIR	AC	HHN		30.5	231	116		6	60.00	8.39	6.40	0.00		0.00		0.000	1.00		3.2 .15 2.55 L
							S		62.74	11.13	11.20	0.00	-0.07	1.33S		0.591			
TIR	AC	HHZ		30.5	231	116	P		57.99	6.38	6.40	0.00	-0.02	1.33		0.238			
PUK	AC	HHE		61.6	340	100		6	60.00	8.39	11.38	0.00		0.00		0.000	1.00		2.4 .28 2.72 L
							S		71.57	19.96	19.92	0.00	0.04	1.33S		0.370			
PUK	AC	HHZ		61.6	340	100	P		63.20	11.59	11.38	0.00	0.21	1.33		0.158			
ULC	AC	HHZ		89.3	304	71	P		67.40	15.79	15.89	0.00	-0.10	1.33		0.264			
BCI	AC	HHN		94.0	356	71	S		80.71	29.10	29.12	0.00	-0.02	1.33S		0.409			
BCI	AC	HHZ		94.0	356	71	P		68.15	16.54	16.64	0.00	-0.10	1.33		0.195			
BCI	AC	HHE		94.0	356	71		6	60.00	8.39	16.64	0.00		0.00		0.000	1.00		0.68 .31 2.50 L
VLO	AC	HHN		129.2	206	71	S		90.73	39.12	38.94	0.00	0.18	1.19S		0.418			
VLO	AC	HHZ		129.2	206	71	P		73.83	22.22	22.25	0.00	-0.03	1.19		0.196			
LSK	AC	HHN		157.1	165	71		6	60.00	8.39	26.70	0.00		0.00		0.000	1.00		0.76 .68 2.98 L
							S		98.41	46.80	46.72	0.00	0.07	0.72S		0.256			
LSK	AC	HHZ		157.1	165	71	P		78.09	26.48	26.70	0.00	-0.22	0.72		0.131			
SRN	AC	HHE		182.8	184	71	S		105.12	53.51	53.88	0.00	-0.37	0.04S		0.000			
SRN	AC	HHZ		182.8	184	71	P		82.27	30.66	30.79	0.00	-0.13	0.25		0.011			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	12	0810	58.23	41 7.30	20E 6.24	7.00	0.01	0.89	9.87	2.53	

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	32.1	Atl	298	7	0	5	3	6	-	0.00	0.00	L	3.00	0.07	D

REGION= 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		32.1	322	92	P		64.37	6.14	6.15	0.00	-0.01	1.20		0.623	1.00	21	2.46 D
TIR	AC	HHE		32.1	322	92	S		69.01	10.78	10.76	0.00	0.02	1.20S		0.876			
PHP	AC	HHZ		68.6	24	90	P		70.66	12.43	12.43	0.00	0.00	1.20		0.623	1.00	21	2.53 D
PHP	AC	HHN		68.6	24	90	S		79.99	21.76	21.75	0.00	0.01	1.20S		0.876			
PUK	AC	HHZ		103.8	351	90	P		76.21	17.98	18.46	0.00	-0.48	0.00		0.000	1.00	23	2.64 D
PUK	AC	HHE		103.8	351	90	S		90.52	32.29	32.31	0.00	-0.02	1.20S		1.000			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	12	1844	53.39	41 22.29	19E48.86	34.00	0.20	1.86	1.99		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
6	9	5.0	Atl	243	9	0	5	3	6		0.00	0.00	L		

REGION= Peqin, Qarku i Elbasanit [Peqin, Elbasani County, 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		5.0	121	170	P		59.49	6.10	5.87	0.00	0.23	1.13		0.659	1.00	17	2.44 D
TIR	AC	HHE		5.0	121	170	S		63.52	10.13	10.27	0.00	-0.14	1.13S		0.888			
PHP	AC	HHZ		62.8	56	110	P		65.18	11.79	12.08	0.00	-0.29	1.02		0.586	1.00	14	2.47 D
PHP	AC	HHN		62.8	56	110	S		74.69	21.30	21.14	0.00	0.16	1.02S		0.865			
PUK	AC	HHZ		74.8	4	105	P		68.25	14.86	13.86	0.00	0.48	1.00		0.000	1.00	16	2.59 D
PUK	AC	HHN		74.8	4	105	S		77.64	24.25	24.25	0.00	0.00	0.70S		1.000			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	14	1051	1.54	41 46.62	20E 9.97	7.00	0.08	0.47	10.77		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
7	10	25.1	Atl	121	6	0	7	3	7	-	0.00	0.00	L		

REGION= 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
PHP	AC	HHN		25.1	114	93	S		10.30	8.76	8.65	0.00	0.11	1.00S		0.794			
PHP	AC	HHZ		25.1	114	93	P		6.32	4.78	4.94	0.00	-0.16	1.00		0.343	1.00	15	2.14 D
PUK	AC	HHN		37.2	323	92	S		13.89	12.35	12.30	0.00	0.05	1.00S		0.834			
PUK	AC	HHZ		37.2	323	92	P		8.53	6.99	7.03	0.00	-0.04	1.00		0.261	1.00	20	2.45 D
TIR	AC	HHZ		53.9	208	91	P		11.45	9.91	9.90	0.00	0.01	1.00		0.402			
TIR	AC	HHE		53.9	208	91	S		18.86	17.32	17.32	0.00	0.00	1.00S		0.712			
BCI	AC	HHZ		66.0	353	91	P		13.52	11.98	11.98	0.00	0.00	1.00		0.652			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2014-10-14 2213 52.36 41 3.44 19E55.56 17.40 0.01 1.42 1.20 2.34

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 32.6 Atl 321 8 0 6 2 7 0.00 0.00 L 3.00 0.02 D

REGION= N-W Peqin, Qarku i Elbasanit [Peqini, Elbasani County, 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		32.6	352	112	P		59.01	6.65	6.65	0.00	0.00	1.03		0.997	1.00	16	2.32 D
TIR	AC	HHN		32.6	352	112	S		63.33	10.97	11.64	0.00	-0.67*	0.00S		0.000			
PHP	AC	HHZ		81.9	31	95	P		67.09	14.73	14.74	0.00	-0.01	1.03		0.534	1.00	15	2.34 D
PHP	AC	HHN		81.9	31	95	S		78.18	25.82	25.80	0.00	0.02	1.03S		0.863			
PUK	AC	HHZ		109.5	359	71	P		71.53	19.17	19.16	0.00	0.01	1.03		0.435	1.00	18	2.52 D
PUK	AC	HHE		109.5	359	71	S		85.89	33.53	33.53	0.00	0.00	1.03S		0.861			
BCI	AC	HHZ		145.9	4	71	P		77.36	25.00	24.97	0.00	0.03	0.85		0.306			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2014-10-15 0046 36.99 41 32.94 20E12.63 7.00 0.07 0.61 11.40 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
 6 9 24.4 Atl 182 6 0 6 3 6 - 0.00 0.00 L 3.00 0.06 D

REGION= VP të Bulqizës, Rajoni i Dibrës [NW of Bulqiza, Dibra Region, Albania]

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
PHP	AC	HHZ		24.4	51	93	P		41.95	4.96	4.83	0.00	0.13	1.00		0.497	1.00	14	2.08 D
PHP	AC	HHN		24.4	51	93	S		45.33	8.34	8.45	0.00	-0.11	1.00S		0.835			
TIR	AC	HHZ		36.5	233	92	P		43.92	6.93	6.91	0.00	0.02	1.00		0.497	1.00	18	2.35 D
TIR	AC	HHN		36.5	233	92	S		49.04	12.05	12.09	0.00	-0.04	1.00S		0.835			
PUK	AC	HHZ		60.9	335	91	P		48.06	11.07	11.10	0.00	-0.03	1.00		0.497	1.00	16	2.29 D
PUK	AC	HHN		60.9	335	91	S		56.42	19.43	19.42	0.00	0.01	1.00S		0.835			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2014-10-16 2136 51.98 41 33.51 20E11.83 13.52 0.10 0.46 1.23 2.56

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 24.7 Atl 175 7 0 8 4 10 0.00 0.00 L 3.00 0.01 D

REGION= VP të Bulqizës, Rajoni i Dibrës [NW of Bulqiza, Dibra Region, Albania]

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
PHP	AC	HHZ		24.7	55	113	P		57.00	5.02	5.16	0.00	-0.14	1.24		0.346	1.00	23	2.55 D

PHP	AC	HHN	24.7	55	113	S	61.08	9.10	9.03	0.00	0.07	1.24S	0.711					
TIR	AC	HHZ	36.3	230	105	P	58.90	6.92	7.05	0.00	-0.13	1.24	0.376	1.00	22	2.56	D	
TIR	AC	HHN	36.3	230	105	S	64.39	12.41	12.34	0.00	0.07	1.24S	0.632					
PUK	AC	HHZ	59.4	335	98	P	63.04	11.06	10.94	0.00	0.12	1.24	0.174	1.00	29	2.83	D	
PUK	AC	HHN	59.4	335	98	S	71.04	19.06	19.14	0.00	-0.08	1.24S	0.800					
BCI	AC	HHZ	90.4	354	78	P	68.26	16.28	16.16	0.00	0.12	1.23	0.396					
BCI	AC	HHN	90.4	354	78	S	80.21	28.23	28.28	0.00	-0.05	1.23S	0.537					
LSK	AC	HHZ	160.1	167	68	P	79.56	27.58	27.44	0.00	0.14	0.06	0.007					
LSK	AC	HHN	160.1	167	68	S	100.12	48.14	48.02	0.00	0.12	0.06S	0.016					

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	17	0849	43.13	41 7.01	20E 9.00	8.92	0.14	0.70	1.65		2.53

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	35.0	Atl	158	10	0	9	4	9	0.00	0.00	L	2.00	0.14	D
REGION= 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		35.0	318	96	P		49.72	6.59	6.68	0.00	-0.09	1.12		0.279	1.00	19	2.39	D
TIR	AC	HHE		35.0	318	96	S		54.86	11.73	11.69	0.00	0.04	1.12S		0.593				
PHP	AC	HHZ		67.6	20	92	P		55.18	12.05	12.26	0.00	-0.21	1.12		0.254	1.00	25	2.67	D
PHP	AC	HHN		67.6	20	92	S		64.67	21.54	21.45	0.00	0.08	1.12S		0.641				
PUK	AC	HHZ		105.0	349	91	P		61.66	18.53	18.69	0.00	-0.16	1.12		0.129				
PUK	AC	HHN		105.0	349	91	S		76.05	32.92	32.71	0.00	0.21	1.12S		0.250				
LSK	AC	HHZ		113.9	160	91	P		63.48	20.35	20.22	0.00	0.13	1.12		0.870				
BCI	AC	HHZ		139.0	358	68	P		67.92	24.79	24.38	0.00	0.41	0.12		0.005				
BCI	AC	HHN		139.0	358	68	S		85.79	42.66	42.66	0.00	0.00	1.07S		0.975				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	17	1733	17.28	41 34.55	19E44.34	13.13	0.05	0.75	3.50		2.08

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	27.4	Atl	216	10	0	6	3	7	0.00	0.00	L	2.00	0.08	D
REGION= Tiranë [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		27.4	157	110	P		22.86	5.58	5.57	0.00	0.01	1.00		0.497	1.00	12	2.00	D
TIR	AC	HHE		27.4	157	110	S		27.03	9.75	9.75	0.00	0.00	1.00S		0.835				
PUK	AC	HHZ		53.4	13	99	P		27.25	9.97	9.90	0.00	0.07	1.00		0.497				
PUK	AC	HHN		53.4	13	99	S		34.56	17.28	17.32	0.00	-0.05	1.00S		0.835				
PHP	AC	HHZ		59.7	78	98	P		28.18	10.90	10.98	0.00	-0.08	1.00		0.497	1.00	13	2.15	D

PHP AC HHN 59.7 78 98 S 36.54 19.26 19.22 0.00 0.05 1.00S 0.835

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
2014-10-20 2111 35.38 40 18.00 19E48.21 11.13 0.20 0.76 2.67 2.29

SOURCE

NSTA NPBS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
10 15 32.2 Atl 157 10 0 9 5 10 0.00 0.00 L 3.00 0.10 D

REGION= Vërmik, Rajoni i Vlorës [Vërmiku, 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		32.2	306	102	P		41.38	6.00	6.26	0.00	-0.26	1.02		0.305	1.00	15	2.19 D
VLO	AC	HHN		32.2	306	102	S		46.47	11.09	10.95	0.00	0.13	1.02S		0.708			
SRN	AC	HHZ		49.6	160	97	P		43.79	8.41	9.20	0.00	-0.49	0.00		0.000	1.00	16	2.29 D
SRN	AC	HHN		49.6	160	97	S		51.52	16.14	16.10	0.00	0.04	1.02S		0.589			
LSK	AC	HHZ		69.7	103	94	P		47.79	12.41	12.64	0.00	-0.23	1.02		0.349	1.00	19	2.46 D
LSK	AC	HHE		69.7	103	94	S		57.66	22.28	22.12	0.00	0.16	1.02S		0.567			
IGT	AC	HHZ		96.5	152	93	P		52.73	17.35	17.23	0.00	0.12	1.02		0.153			
IGT	AC	HHN		96.5	152	93	S		65.40	30.02	30.15	0.00	-0.13	1.02S		0.353			
SCTE	AC	HHZ		116.3	259	78	P		56.41	21.03	20.61	0.00	0.42	0.85		0.255			
SCTE	AC	HHN		116.3	259	78	S		71.29	35.91	36.07	0.00	-0.16	1.02S		0.715			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
2014-10-26 0308 6.58 41 50.25 20E 6.88 10.21 0.13 0.62 4.35 1.99

SOURCE

NSTA NPBS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
8 12 29.3 Atl 124 8 0 7 4 8 0.00 0.00 L 2.00 0.01 D

REGION= Kurbnesh, Rajoni i Mirëditës [Kurbneshi, Mirëdita 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		29.3	322	101	P		12.27	5.69	5.74	0.00	-0.05	1.00		0.203	1.00	12	1.98 D
PUK	AC	HHN		29.3	322	101	S		16.59	10.01	10.05	0.00	-0.03	1.00S		0.835			
PHP	AC	HHZ		32.0	121	100	P		12.22	5.64	6.20	0.00	-0.56*	0.00		0.000	1.00	12	1.99 D
PHP	AC	HHN		32.0	121	100	S		17.42	10.84	10.85	0.00	-0.01	1.00S		0.998			
TIR	AC	HHZ		58.3	202	94	P		17.31	10.73	10.67	0.00	0.06	1.00		0.413			
TIR	AC	HHE		58.3	202	94	S		25.27	18.69	18.67	0.00	0.02	1.00S		0.620			
BCI	AC	HHZ		58.9	357	94	P		17.11	10.53	10.78	0.00	-0.25	1.00		0.450			
BCI	AC	HHE		58.9	357	94	S		25.68	19.10	18.86	0.00	0.24	1.00S		0.478			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2014-10-28 0233 31.48 41 51.65 19E42.67 28.69 0.33 1.95 2.91 3.06

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 25.2 Atl 220 8 0 8 4 8 0.00 0.00 L 4.00 0.03 D

REGION= Lezhë [Lezha Region, Albania]

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
PUK	AC	HHZ		25.2	36	134	P		37.99	6.51	6.61	0.00	-0.10	1.00		0.232	1.00	28	2.90 D
PUK	AC	HHN		25.2	36	134	S		42.81	11.33	11.57	0.00	-0.24	1.00S		0.807			
TIR	AC	HHZ		58.4	167	109	P		42.31	10.83	11.17	0.00	-0.34	1.00		0.424	1.00	30	3.04 D
TIR	AC	HHE		58.4	167	109	S		51.56	20.08	19.55	0.00	0.43	0.98S		0.578			
BCI	AC	HHZ		63.4	27	107	P		43.47	11.99	11.93	0.00	0.06	1.00		0.433	1.00	31	3.08 D
BCI	AC	HHN		63.4	27	107	S		52.81	21.33	20.88	0.00	0.45	1.00S		0.430			
PHP	AC	HHZ		63.7	107	107	P		43.01	11.53	11.98	0.00	-0.45	1.00		0.278	1.00	32	3.10 D
PHP	AC	HHN		63.7	107	107	S		52.52	21.04	20.97	0.00	0.08	1.00S		0.815			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2014-10-28 1813 17.60 41 17.20 20E19.23 7.00 0.12 1.30 12.52 2.32

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
 6 9 38.7 Atl 269 16 0 6 3 6 - 0.00 0.00 L 2.00 0.06 D

REGION= VL të Elbasanit, Rajoni i Elbasanit [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		38.7	281	92	P		24.60	7.00	7.29	0.00	-0.29	0.82		0.383	1.00	16	2.26 D
TIR	AC	HHN		38.7	281	92	S		30.34	12.74	12.76	0.00	-0.02	1.04S		0.873			
PHP	AC	HHZ		45.3	12	91	P		26.03	8.43	8.42	0.00	0.01	1.04		0.526	1.00	18	2.38 D
PHP	AC	HHN		45.3	12	91	S		32.26	14.66	14.74	0.00	-0.08	1.04S		0.845			
PUK	AC	HHZ		91.2	338	90	P		34.04	16.44	16.30	0.00	0.14	1.04		0.526			
PUK	AC	HHN		91.2	338	90	S		46.13	28.53	28.52	0.00	0.00	1.04S		0.845			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2014-10-28 1815 46.85 41 16.09 20E19.59 6.98 0.18 1.36 14.96 2.69

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 39.6 Atl 273 7 0 8 4 8 - 0.00 0.00 L 3.00 0.23 D

REGION= VL të Elbasanit, Rajoni i Elbasanit [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		39.6	284	91	P		54.25	7.40	7.45	0.00	-0.05	1.00		0.434	1.00	20	2.46 D
TIR	AC	HHN		39.6	284	91	S		60.10	13.25	13.04	0.00	0.21	1.00S		0.802			
PHP	AC	HHZ		47.2	11	91	P		55.76	8.91	8.75	0.00	0.16	1.00		0.429	1.00	26	2.69 D
PHP	AC	HHN		47.2	11	91	S		62.45	15.60	15.31	0.00	0.29	0.98S		0.797			
PUK	AC	HHZ		93.3	338	90	P		63.30	16.45	16.66	0.00	-0.21	1.00		0.306	1.00	37	3.03 D
PUK	AC	HHN		93.3	338	90	S		75.92	29.07	29.15	0.00	-0.08	1.00S		0.510			
BCI	AC	HHZ		123.9	351	90	P		68.57	21.72	21.91	0.00	-0.19	1.00		0.327			
BCI	AC	HHN		123.9	351	90	S		85.11	38.26	38.34	0.00	-0.08	1.00S		0.392			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	29	1431	8.76	41 23.23	19E48.02	15.65	0.07	1.15	1.45		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
7	10	7.0	At1	236	10	0	5	3	7		0.00	0.00	L		

REGION= Kamëz, Rajoni i Tiranës [Kamëza, 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		7.0	129	153	P		11.97	3.21	3.13	0.00	0.08	1.12		0.659	1.00	16	2.18 D
TIR	AC	HHE		7.0	129	153	S		14.19	5.43	5.48	0.00	-0.05	1.12S		0.888			
PHP	AC	HHZ		62.8	58	94	P		20.18	11.42	11.53	0.00	-0.11	1.01		0.586	1.00	15	2.30 D
PHP	AC	HHN		62.8	58	94	S		28.98	20.22	20.18	0.00	0.04	1.01S		0.864			
PUK	AC	HHZ		73.2	5	93	P		22.62	13.86	13.27	0.00	0.59*	0.00		0.000	1.00	17	2.42 D
PUK	AC	HHE		73.2	5	93	S		31.97	23.21	23.22	0.00	-0.01	0.74S		1.000			
BCI	AC	HHZ		111.0	11	71	P		28.83	20.07	19.51	0.00	0.56*	0.00		0.000			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	29	2114	43.90	40 21.88	19E20.77	16.12	0.10	1.45	2.95		2.40

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	17.2	At1	159	10	0	7	3	9		0.00	0.00	L		

REGION= Gadishulli i Karaburunit, Rajoni i Vlorës [Karaburun Peninsula, Vlora Region, Albania]

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
VLO	AC	HHZ		17.2	47	128	P		48.07	4.17	4.28	0.00	-0.11	1.36		0.577	1.00	17	2.28 D
VLO	AC	HHN		17.2	47	128	S		51.45	7.55	7.49	0.00	0.06	1.36S		0.858			
SRN	AC	HHZ		77.5	133	93	P		57.90	14.00	13.99	0.00	0.01	1.10		0.457	1.00	19	2.52 D
SRN	AC	HHN		77.5	133	93	S		68.38	24.48	24.48	0.00	0.00	1.10S		0.825			
SCTE	AC	HHZ		81.2	248	93	P		58.71	14.81	14.61	0.00	0.20	0.99		0.422			
SCTE	AC	HHE		81.2	248	93	S		69.37	25.47	25.57	0.00	-0.10	0.99S		0.803			
LSK	AC	HHZ		109.2	102	71	P		63.07	19.17	19.19	0.00	-0.02	0.11		0.055			

IGT	AC	HHZ	125.0	137	71	P	65.74	21.84	21.71	0.00	0.13	0.00	0.000
IGT	AC	HHN	125.0	137	71	S	81.74	37.84	37.99	0.00	-0.15	0.00S	0.000

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	29	2116 43.68	41 12.43	20E 1.33	11.59	0.05	1.09	2.53		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	20.4	Atl	287	9	0	6	3	6		0.00	0.00	L	2.00	0.18	D

REGION= Kërrabë, Rajoni i Tiranës [Kërraba, 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		20.4	320	113	P		48.03	4.35	4.36	0.00	-0.01	1.08		0.534	1.00	12	1.95	D
TIR	AC	HHE		20.4	320	113	S		51.30	7.62	7.63	0.00	-0.01	1.08S		0.847				
PHP	AC	HHZ		63.5	33	95	P		55.34	11.66	11.60	0.00	0.06	1.08		0.534	1.00	16	2.31	D
PHP	AC	HHN		63.5	33	95	S		63.94	20.26	20.30	0.00	-0.04	1.08S		0.847				
PUK	AC	HHZ		93.4	354	93	P		60.30	16.62	16.71	0.00	-0.09	0.85		0.423				
PUK	AC	HHN		93.4	354	93	S		72.98	29.30	29.24	0.00	0.06	0.85S		0.811				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	30	0123 5.99	41 47.86	20E 2.50	21.82	0.19	0.61	8.06	3.00		

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
17	24	29.9	Atl	139	10	0	10	5	15		6.00	0.22	L	0.00	0.00	D

REGION= Kurbnesh, Rajoni i Mirëditës [Kurbneshi, Mirëdita 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		29.9	336	90	P		12.55	6.56	6.33	0.00	0.23	1.23		0.204						
PUK	AC	HHN		29.9	336	90	S		17.27	11.28	11.08	0.00	0.20	1.23S		0.377						
PUK	AC	HHE		29.9	336	90		6	0.00	-5.99	6.33	0.00		0.00		0.000	1.00		22	.25	3.41	L
PHP	AC	HHZ		35.5	110	90	P		13.36	7.37	7.23	0.00	0.14	1.23		0.289						
PHP	AC	HHN		35.5	110	90		6	0.00	-5.99	7.23	0.00		0.00		0.000	1.00		6.7	.50	2.92	L
							S		18.67	12.68	12.65	0.00	0.03	1.23S		0.661						
TIR	AC	HHZ		52.1	197	90	P		15.95	9.96	9.88	0.00	0.08	1.23		0.320						
TIR	AC	HHE		52.1	197	90		6	0.00	-5.99	9.88	0.00		0.00		0.000	1.00		3.2	.47	2.74	L
							S		23.10	17.11	17.29	0.00	-0.18	1.23S		0.627						
BCI	AC	HHZ		63.2	1	90	P		17.33	11.34	11.65	0.00	-0.31	1.20		0.173						
BCI	AC	HHE		63.2	1	90	S		26.16	20.17	20.39	0.00	-0.22	1.23S		0.345						
BCI	AC	HHN		63.2	1	90		6	0.00	-5.99	11.65	0.00		0.00		0.000	1.00		4.8	.69	3.07	L
LSK	AC	HHZ		188.9	165	62	P		37.81	31.82	31.55	0.00	0.27	0.11		0.246						
LSK	AC	HHE		188.9	165	62		6	60.00	54.01	31.55	0.00		0.00		0.000	1.00		0.75	.72	3.18	L
							S		61.05	55.06	55.21	0.00	-0.15	0.11S		0.753						

SRN	AC	HHZ	213.0	181	56	P		40.57	34.58	34.85	0.00	-0.27	0.00	0.000						
SRN	AC	HHE	213.0	181	56		6	60.00	54.01	34.85	0.00		0.00	0.000	1.00		0.17	.62	2.66	L
						S		67.26	61.27	60.99	0.00	0.28	0.00S	0.000						
SCTE	AC	HHZ	232.5	216	56	P		43.07	37.08	37.42	0.00	-0.34	0.00	0.000						
IGT	AC	HHZ	252.8	174	56	P		45.89	39.90	40.12	0.00	-0.22	0.00	0.000						
IGT	AC	HHE	252.8	174	56	S		76.13	70.14	70.21	0.00	-0.07	0.00S	0.000						

Tërmetet Rajonalë [Regional Earthquakes]

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	02	0443	56.24	43 16.14	17E11.99	7.00	0.77	13.90	31.61	3.95	

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	12	206.0	Atl	256	6	0	11	0	12	-	0.00	0.00	L	1.00	0.00	D

REGION= Kroaci [Croatia]

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T	
SGRT	AC	HHZ	206.0	216	68	P		90.71	34.47	35.18	0.00	-0.71*	1.09			0.627				
BCI	AC	HHZ	255.1	112	50	P		97.39	41.15	41.97	0.00	-0.82*	1.09			0.479	1.00	92	3.95	D
MRVN	AC	HHZ	258.9	200	50	P		99.30	43.06	42.48	0.00	0.58*	1.09			0.297				
PUK	AC	HHZ	259.5	120	50	P		99.24	43.00	42.55	0.00	0.45	1.09			0.243				
NOCI	AC	HHZ	275.7	183	50	P		101.50	45.26	44.70	0.00	0.56*	1.09			0.216				
TIR	AC	HHZ	306.4	133	50	P		105.65	49.41	48.75	0.00	0.66*	1.09			0.135				
PHP	AC	HHZ	319.4	122	50	P		106.41	50.17	50.48	0.00	-0.31	1.09			0.207				
SCTE	AC	HHZ	369.9	162	50	P		114.69	58.45	57.15	0.00	1.30*	1.08			0.254				
SRN	AC	HHZ	443.0	147	50	P		122.79	66.55	66.83	0.00	-0.28	1.09			0.197				
LSK	AC	HHZ	447.3	139	50	P		122.94	66.70	67.40	0.00	-0.70*	1.09			0.152				
IGT	AC	HHZ	490.8	146	50	P		128.08	71.84	73.14	0.00	-1.30*	1.08			0.188				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	02	1104	42.29	39 18.49	22E 5.61	24.94	0.27	1.05	1.32	2.69	3.56

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
15	22	137.0	Atl	220	14	0	14	7	14		3.00	0.01	L	2.00	0.02	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	137.0	246	90	P		65.64	23.35	23.42	0.00	-0.07	1.12			0.354			

LKD2	AC	HHN	137.0	246	90	S	83.04	40.75	40.99	0.00	-0.24	1.12S	0.422								
IGT	AC	HHZ	153.9	280	90	P	68.25	25.96	26.11	0.00	-0.15	1.12	0.136	1.00	54	3.58	D				
IGT	AC	HHN	153.9	280	90	S	88.24	45.95	45.69	0.00	0.26	1.12S	0.325								
LSK	AC	HHZ	158.6	307	90	P	69.49	27.20	26.87	0.00	0.33	1.12	0.138	1.00	51	3.54	D				
LSK	AC	HHE	158.6	307	90	S	88.98	46.69	47.02	0.00	-0.33	1.12S	0.564								
LSK	AC	HHN	158.6	307	90		6	60.00	17.71	26.87	0.00		0.00	0.000	1.00			0.38	.66	2.69	L
THE	AC	HHZ	164.7	26	90	P	70.04	27.75	27.83	0.00	-0.08	1.12	0.358								
THE	AC	HHN	164.7	26	90	S	91.10	48.81	48.70	0.00	0.11	1.12S	0.532								
SRN	AC	HHZ	190.7	291	62	P	73.09	30.80	31.57	0.00	-0.77*	0.32	0.013								
SRN	AC	HHN	190.7	291	62	S	97.97	55.68	55.25	0.00	0.43	1.12S	0.285								
PHP	AC	HHZ	298.8	333	56	P	87.40	45.11	45.92	0.00	-0.81*	0.19	0.005								
PHP	AC	HHN	298.8	333	56		6	120.00	77.71	45.92	0.00		0.00	0.000	1.00			0.05	.40	2.50	L
						S	122.32	80.03	80.36	0.00	-0.33	1.12S	0.343								
PUK	AC	HHZ	356.2	330	56	P	96.09	53.80	53.51	0.00	0.29	1.12	0.180								
PUK	AC	HHN	356.2	330	56		6	120.00	77.71	53.51	0.00		0.00	0.000	1.00			0.05	.30	2.70	L
						S	135.78	93.49	93.64	0.00	-0.15	1.12S	0.340								

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	03	1512	2.19	37 26.34	21E12.27	7.00	1.01	6.97	31.61	4.75	

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
14	21	290.5	At1	318	7	0	14	7	14	-	4.00	0.12	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		
SRN	AC	HHZ	290.5	340	50	P		50.65	48.46	46.66	0.00	1.80*	0.94	0.185							
SRN	AC	HHE	290.5	340	50		6	60.00	57.81	46.66	0.00		0.00	0.000	1.00			5.7	.89	4.53	L
						S		84.62	82.43	81.65	0.00	0.77*	1.03S	0.242							
LSK	AC	HHZ	305.5	351	50	P		52.02	49.83	48.63	0.00	1.20*	1.03	0.152							
LSK	AC	HHE	305.5	351	50	S		87.13	84.94	85.10	0.00	-0.16	1.03S	0.156							
THE	AC	HHZ	385.8	22	50	P		60.51	58.32	59.25	0.00	-0.93*	1.03	0.347							
THE	AC	HHE	385.8	22	50	S		105.23	103.04	103.69	0.00	-0.65*	1.03S	0.711							
TIR	AC	HHZ	449.0	346	50	P		68.87	66.68	67.62	0.00	-0.94*	1.03	0.174							
TIR	AC	HHE	449.0	346	50		6	120.00	117.81	67.62	0.00		0.00	0.000	1.00			3.11	.13	4.74	L
						S		121.25	119.06	118.33	0.00	0.73*	1.03S	0.175							
PHP	AC	HHZ	475.9	353	50	P		72.72	70.53	71.18	0.00	-0.65*	1.03	0.148							
PHP	AC	HHN	475.9	353	50		6	120.00	117.81	71.18	0.00		0.00	0.000	1.00			4.8	.86	4.99	L
						S		126.43	124.24	124.57	0.00	-0.33	1.03S	0.159							
PUK	AC	HHZ	523.4	349	50	P		77.84	75.65	77.45	0.00	-1.80*	0.93	0.131							
PUK	AC	HHE	523.4	349	50		6	120.00	117.81	77.45	0.00		0.00	0.000	1.00			2.11	.12	4.75	L
						S		137.14	134.95	135.54	0.00	-0.59*	1.03S	0.160							
BCI	AC	HHZ	555.7	351	50	P		82.01	79.82	81.73	0.00	-1.91*	0.82	0.098							
BCI	AC	HHN	555.7	351	50	S		145.67	143.48	143.03	0.00	0.45	1.03S	0.156							

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2014-10-07 1045 54.10 42 3.54 21E16.07 18.81 0.04 2.61 3.15 3.10

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 17.2 At1 194 9 0 6 3 11 3.00 0.08 L 0.00 0.00 D
 REGION= Maqedoni [F.Y.R of 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		
SKO	SK	HHE		17.2	124	134	S		62.10	8.00	8.01	0.00	-0.01	2.09S		0.909					
SKO	SK	HHZ		17.2	124	134	P		58.70	4.60	4.58	0.00	0.02	2.09		0.723					
PHP	AC	HHN		80.3	240	71		6	60.00	5.90	14.43	0.00		0.00		0.000	1.00	1.9	.41	2.85	L
							S		79.39	25.29	25.25	0.00	0.04	1.56S		0.840					
PHP	AC	HHZ		80.3	240	71	P		68.49	14.39	14.43	0.00	-0.04	1.56		0.511					
BCI	AC	HHN		104.8	290	71		6	60.00	5.90	18.35	0.00		0.00		0.000	1.00	2.7	.60	3.18	L
							S		86.08	31.98	32.11	0.00	-0.13	0.32S		0.754					
BCI	AC	HHZ		104.8	290	71	P		72.69	18.59	18.35	0.00	0.24	0.32		0.255					
PUK	AC	HHE		113.9	270	71		6	60.00	5.90	19.79	0.00		0.00		0.000	1.00	2.0	.28	3.10	L
							S		89.12	35.02	34.63	0.00	0.39	0.01S		0.000					
PUK	AC	HHZ		113.9	270	71	P		73.87	19.77	19.79	0.00	-0.02	0.05		0.003					
TIR	AC	HHN		141.0	237	71	S		95.88	41.78	42.21	0.00	-0.43	0.00S		0.000					
TIR	AC	HHZ		141.0	237	71	P		78.31	24.21	24.12	0.00	0.09	0.00		0.000					
SRN	AC	HHZ		264.4	205	51	P		96.77	42.67	41.94	0.00	0.73*	0.00		0.000					

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2014-10-08 1656 28.03 39 47.51 20E44.09 22.65 0.33 1.29 4.91 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
 10 14 41.4 At1 190 10 0 10 4 10 0.00 0.00 L 2.00 0.01 D
 REGION= Greqi [Greece]

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T	
LSK	AC	HHZ		41.4	344	90	P		36.11	8.08	8.17	0.00	-0.09	1.08		0.358	1.00	19	2.57	D
LSK	AC	HHN		41.4	344	90	S		42.58	14.55	14.30	0.00	0.25	1.08S		0.532				
IGT	AC	HHZ		45.2	231	90	P		36.29	8.26	8.78	0.00	-0.52*	1.06		0.145				
IGT	AC	HHN		45.2	231	90	S		43.29	15.26	15.36	0.00	-0.10	1.08S		0.390				
SRN	AC	HHZ		63.6	280	90	P		39.28	11.25	11.71	0.00	-0.46	1.08		0.160	1.00	19	2.59	D
SRN	AC	HHN		63.6	280	90	S		48.98	20.95	20.49	0.00	0.46	1.08S		0.512				
LKD2	AC	HHZ		111.5	184	90	P		47.47	19.44	19.35	0.00	0.09	1.08		0.346				
LKD2	AC	HHE		111.5	184	90	S		62.29	34.26	33.86	0.00	0.40	1.08S		0.501				
SCTE	AC	HHZ		196.3	281	62	P		60.74	32.71	32.54	0.00	0.17	0.78		0.548				

PHP AC HHZ 211.7 354 56 P 62.41 34.38 34.60 0.00 -0.22 0.61 0.503

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
2014-10-09 0455 30.55 39 40.87 20E22.85 16.24 0.13 0.48 1.72 3.42

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 17.2 At1 110 7 0 9 4 18 6.00 0.22 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
IGT	AC	HHE		17.2	195	129	S		38.03	7.48	7.51	0.00	-0.03	1.21S	0.778				
IGT	AC	HHZ		17.2	195	129	P		34.76	4.21	4.29	0.00	-0.08	1.21	0.299				
SRN	AC	HHN		39.4	305	105		6	0.00-30.55	7.65	0.00			0.00	0.000	1.00		10 .36	3.08 L
							S		44.08	13.53	13.39	0.00	0.14	1.21S	0.632				
SRN	AC	HHZ		39.4	305	105	P		38.17	7.62	7.65	0.00	-0.03	1.21	0.391				
JAN	GR	HHZ		40.4	93	104	P		38.60	8.05	7.83	0.00	0.22	1.21	0.494				
KEK	GR	HHZ		50.0	275	100	P		39.30	8.75	9.40	0.00	-0.65*	0.00	0.000				
LSK	AC	HHE		55.3	19	98		6	0.00-30.55	10.27	0.00			0.00	0.000	1.00		11 .51	3.29 L
							S		48.51	17.96	17.97	0.00	-0.01	1.21S	0.682				
LSK	AC	HHZ		55.3	19	98	P		40.63	10.08	10.27	0.00	-0.19	1.21	0.272				
LKD2	AC	HHN		101.9	166	71	S		62.04	31.49	31.53	0.00	-0.05	0.26S	0.295				
LKD2	AC	HHZ		101.9	166	71	P		48.43	17.88	18.02	0.00	-0.14	0.26	0.154				
VLO	AC	HHN		115.5	320	71		6	60.00	29.45	20.19	0.00		0.00	0.000	1.00		7.9 .37	3.72 L
SCTE	AC	HHE		169.4	286	71	S		81.04	50.49	50.36	0.00	0.13	0.00S	0.000				
SCTE	AC	HHZ		169.4	286	71	P		58.93	28.38	28.78	0.00	-0.40	0.00	0.000				
TIR	AC	HHE		190.1	347	71		6	60.00	29.45	32.09	0.00		0.00	0.000	1.00		1.2 .86	3.39 L
							S		85.90	55.35	56.16	0.00	-0.81*	0.00S	0.000				
TIR	AC	HHZ		190.1	347	71	P		62.30	31.75	32.09	0.00	-0.34	0.00	0.000				
PHP	AC	HHZ		222.5	1	51	P		67.43	36.88	36.66	0.00	0.22	0.00	0.000				
PHP	AC	HHN		222.5	1	51		6	60.00	29.45	36.66	0.00		0.00	0.000	1.00		0.93 .93	3.45 L
PUK	AC	HHE		265.5	352	51		6	60.00	29.45	42.34	0.00		0.00	0.000	1.00		1.2 .93	3.75 L
							S		105.22	74.67	74.10	0.00	0.57*	0.00S	0.000				
PUK	AC	HHZ		265.5	352	51	P		71.96	41.41	42.34	0.00	-0.93*	0.00	0.000				
BCI	AC	HHZ		299.4	356	51	P		77.09	46.54	46.83	0.00	-0.29	0.00	0.000				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
2014-10-10 2011 24.09 38 31.68 20E23.70 7.54 0.06 0.94 1.43 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
9 13 36.9 At1 310 8 0 8 4 9 2.00 0.25 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		36.9	38	93	P		31.06	6.97	6.98	0.00	-0.01	1.12		0.474					
LKD2	AC	HHN		36.9	38	93	S		36.30	12.21	12.22	0.00	-0.01	1.12S		0.780					
IGT	AC	HHZ		111.5	358	90	P		43.84	19.75	19.83	0.00	-0.08	1.12		0.455					
IGT	AC	HHN		111.5	358	90	S		58.84	34.75	34.70	0.00	0.05	1.12S		0.812					
SRN	AC	HHZ		153.9	348	68	P		51.02	26.93	26.85	0.00	0.08	1.02		0.384					
SRN	AC	HHE		153.9	348	68		6	60.00	35.91	26.85	0.00		0.00		0.000	1.00	0.75	.50	2.95	L
									70.99	46.90	46.99	0.00	-0.09	1.02S		0.539					
LSK	AC	HHZ		180.9	5	68	P		55.32	31.23	31.15	0.00	0.08	0.73		0.174					
LSK	AC	HHN		180.9	5	68		6	60.00	35.91	31.15	0.00		0.00		0.000	1.00	1.6	.86	3.44	L
									78.64	54.55	54.51	0.00	0.04	0.73S		0.379					
SCTE	AC	HHZ		239.2	317	50	P		63.28	39.19	39.80	0.00	-0.61*	0.00		0.000					

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	14	1315	37.60	41 52.06	21E35.59	7.47	0.07	0.95	1.29	2.69	

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	97.9	Atl	270	8	0	8	4	8		3.00	0.03 L	0.00 0.00 D

REGION= Magedoni [F.Y.R. of 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		97.9	259	90	P		55.03	17.43	17.49	0.00	-0.06	1.00		0.433					
PHP	AC	HHN		97.9	259	90		6	60.00	22.40	17.49	0.00		0.00		0.000	1.00	0.93	.31	2.66	L
									68.18	30.58	30.61	0.00	-0.03	1.00S		0.792					
BCI	AC	HHZ		137.8	295	68	P		62.02	24.42	24.28	0.00	0.14	1.00		0.390					
BCI	AC	HHN		137.8	295	68		6	60.00	22.40	24.28	0.00		0.00		0.000	1.00	1.5	.92	3.13	L
									80.04	42.44	42.49	0.00	-0.05	1.00S		0.472					
PUK	AC	HHZ		142.3	279	68	P		62.50	24.90	25.00	0.00	-0.10	1.00		0.221					
PUK	AC	HHN		142.3	279	68		6	60.00	22.40	25.00	0.00		0.00		0.000	1.00	0.49	.75	2.69	L
									81.39	43.79	43.75	0.00	0.04	1.00S		0.468					
LSK	AC	HHZ		208.3	205	68	P		73.11	35.51	35.53	0.00	-0.02	1.00		0.433					
LSK	AC	HHN		208.3	205	68	S		99.78	62.18	62.18	0.00	0.00	1.00S		0.786					

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	17	1905	34.10	39 45.03	20E40.93	20.83	0.10	0.46	1.05	3.35	

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
20	29	38.8	Atl	187	14	0	14	6	19		5.00	0.07 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
IGT	AC	HHZ		38.8	232	90	P		42.26	8.16	7.76	0.00	0.40	0.34	0.008				
IGT	AC	HHE		38.8	232	90	S		47.80	13.70	13.58	0.00	0.12	1.59S	0.536				
LSK	AC	HHN		44.9	351	90		6	0.00-34.10	8.73	0.00			0.00	0.000	1.00		16 .37	3.35 L
							S		49.49	15.39	15.28	0.00	0.11	1.59S	0.452				
LSK	AC	HHZ		44.9	351	90	P		42.80	8.70	8.73	0.00	-0.03	1.59	0.313				
SRN	AC	HHN		60.1	285	90		6	0.00-34.10	11.16	0.00			0.00	0.000	1.00		12 .41	3.42 L
							S		54.09	19.99	19.53	0.00	0.46	0.02S	0.000				
SRN	AC	HHZ		60.1	285	90	P		45.13	11.03	11.16	0.00	-0.13	1.59	0.171				
LKD2	AC	HHN		106.8	182	90	S		66.57	32.47	32.53	0.00	-0.06	1.59S	0.527				
LKD2	AC	HHZ		106.8	182	90	P		52.72	18.62	18.59	0.00	0.03	1.59	0.355				
VLO	AC	HHN		128.8	309	90		6	60.00	25.90	22.11	0.00		0.00	0.000	1.00		8.3 .36	3.84 L
							S		72.68	38.58	38.69	0.00	-0.11	1.59S	0.411				
VLO	AC	HHZ		128.8	309	90	P		56.30	22.20	22.11	0.00	0.09	1.59	0.154				
TIR	AC	HHN		190.4	339	62		6	60.00	25.90	31.83	0.00		0.00	0.000	1.00		0.52 .30	3.02 L
							S		89.85	55.75	55.70	0.00	0.05	1.03S	0.475				
TIR	AC	HHZ		190.4	339	62	P		65.96	31.86	31.83	0.00	0.03	1.03	0.168				
SCTE	AC	HHZ		192.7	282	62	P		66.31	32.21	32.16	0.00	0.05	0.99	0.179				
PHP	AC	HHN		215.8	355	56	S		95.65	61.55	61.77	0.00	-0.22	0.58S	0.226				
PHP	AC	HHZ		215.8	355	56	P		69.76	35.66	35.30	0.00	0.36	0.28	0.019				
PUK	AC	HHE		263.1	346	56	S		107.12	73.02	72.73	0.00	0.29	0.01S	0.000				
PUK	AC	HHZ		263.1	346	56	P		75.42	41.32	41.56	0.00	-0.24	0.02	0.000				
PUK	AC	HHN		263.1	346	56		6	60.00	25.90	41.56	0.00		0.00	0.000	1.00		0.47 .46	3.34 L
BCI	AC	HHN		295.1	351	56	S		113.72	79.62	80.15	0.00	-0.53*	0.00S	0.000				
BCI	AC	HHZ		295.1	351	56	P		80.19	46.09	45.80	0.00	0.29	0.00	0.000				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
2014-10-17 1910 21.10 39 44.94 20E43.58 10.94 0.26 0.73 1.52 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
15 21 41.7 Atl 190 9 0 14 6 14 4.00 0.01 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
IGT	AC	HHE		41.7	235	98	S		35.07	13.97	13.75	0.00	0.22	1.39S	0.441				
IGT	AC	HHZ		41.7	235	98	P		29.69	8.59	7.86	0.00	0.43	0.20	0.003				
LSK	AC	HHE		45.8	347	97		6	0.00-21.10	8.56	0.00			0.00	0.000	1.00		5.3 .47	2.85 L
							S		35.83	14.73	14.98	0.00	-0.25	1.39S	0.601				
LSK	AC	HHZ		45.8	347	97	P		30.12	9.02	8.56	0.00	0.46	1.38	0.345				
SRN	AC	HHN		63.8	284	95	S		41.56	20.46	20.35	0.00	0.11	1.39S	0.483				
SRN	AC	HHZ		63.8	284	95	P		32.51	11.41	11.63	0.00	-0.22	1.39	0.146				
SRN	AC	HHE		63.8	284	95		6	0.00-21.10	11.63	0.00			0.00	0.000	1.00		2.8 .34	2.82 L
LKD2	AC	HHN		106.7	184	92	S		54.26	33.16	33.23	0.00	-0.07	1.39S	0.548				

LKD2	AC	HHZ	106.7	184	92	P	40.03	18.93	18.99	0.00	-0.06	1.39	0.358						
VLO	AC	HHZ	131.9	308	68	P	43.85	22.75	23.12	0.00	-0.37	1.39	0.310						
SCTE	AC	HHZ	196.5	282	68	P	54.46	33.36	33.42	0.00	-0.06	1.02	0.192						
PHP	AC	HHN	216.3	354	55		60.00	38.90	36.40	0.00		0.00	0.000	1.00			0.231	0.05	2.81 L
						S	85.26	64.16	63.70	0.00	0.46	0.73S	0.388						
PHP	AC	HHZ	216.3	354	55	P	57.83	36.73	36.40	0.00	0.33	0.73	0.161						
PUK	AC	HHN	264.2	345	50		60.00	38.90	42.74	0.00		0.00	0.000	1.00			0.14	.37	2.81 L
						S	96.18	75.08	74.79	0.00	0.29	0.12S	0.013						
PUK	AC	HHZ	264.2	345	50	P	63.66	42.56	42.74	0.00	-0.18	0.12	0.004						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
2014-10-19 1518 29.89 41 10.03 20E55.65 5.25 0.14 0.97 1.69 3.03

SOURCE
NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
12 17 70.4 At1 223 11 0 10 5 12 0.00 0.00 L 3.00 0.10 D
REGION= Ohër, Maqedoni [Ohrid Region, F.Y.R. of Macedonia]

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
PHP	AC	HHN		70.4	325	62	S		52.37	22.48	22.38	0.00	0.10	1.00S		0.238			
PHP	AC	HHZ		70.4	325	62	P		42.95	13.06	12.79	0.00	0.27	1.00		0.258	1.00	38	3.03 D
TIR	AC	HHN		91.3	284	62	S		58.65	28.76	28.66	0.00	0.09	1.00S		0.717			
TIR	AC	HHZ		91.3	284	62	P		46.07	16.18	16.38	0.00	-0.20	1.00		0.333	1.00	27	2.76 D
PUK	AC	HHN		130.0	319	62	S		69.99	40.10	40.30	0.00	-0.20	1.00S		0.232			
PUK	AC	HHZ		130.0	319	62	P		52.97	23.08	23.03	0.00	0.05	1.00		0.238	1.00	40	3.13 D
BCI	AC	HHN		151.2	333	55	S		76.41	46.52	46.53	0.00	-0.01	1.00S		0.553			
BCI	AC	HHZ		151.2	333	55	P		56.38	26.49	26.59	0.00	-0.10	1.00		0.256			
IGT	AC	HHN		188.6	196	55	S		86.93	57.04	56.98	0.00	0.06	1.00S		0.773			
IGT	AC	HHZ		188.6	196	55	P		62.36	32.47	32.56	0.00	-0.09	1.00		0.396			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
2014-10-19 1730 9.77 41 11.23 20E51.74 6.02 0.16 0.62 1.31 3.24 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
17 25 65.5 At1 164 13 0 15 8 17 3.00 0.11 L 3.00 0.15 D
REGION= Maqedoni [F.Y.R. of 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
OHR	AC	HHZ		10.0	213	100	P		12.71	2.94	2.28	0.00	0.36	0.00		0.000			
PHP	AC	HHN		65.5	328	90		6	0.00	-9.77	11.89	0.00		0.00		0.000	1.00		7.2 .14 3.24 L

					S		30.63	20.86	20.81	0.00	0.05	1.00S	0.190									
PHP	AC	HHZ	65.5	328	90	P	21.64	11.87	11.89	0.00	-0.02	1.00	0.119	1.00	27	2.74	D					
TIR	AC	HHN	85.4	283	90		6	0.00	-9.77	15.31	0.00	0.00	0.000	1.00					2.3	.25	2.96	L
					S		36.65	26.88	26.79	0.00	0.09	1.00S	0.398									
TIR	AC	HHZ	85.4	283	90	P	25.02	15.25	15.31	0.00	-0.06	1.00	0.143	1.00	35	2.97	D					
SKO	AC	HHZ	99.5	28	90	P	28.14	18.37	17.73	0.00	0.44	0.00	0.000									
SKO	AC	HHN	99.5	28	90	S	41.02	31.25	31.03	0.00	0.22	1.00S	0.688									
LSK	AC	HHN	117.3	192	90	S	46.16	36.39	36.38	0.00	0.01	1.00S	0.363									
LSK	AC	HHZ	117.3	192	90	P	30.35	20.58	20.79	0.00	-0.21	1.00	0.241									
PUK	AC	HHN	124.7	320	90		6	0.00	-9.77	22.06	0.00	0.00	0.000	1.00				2.9	.37	3.35	L	
					S		48.66	38.89	38.60	0.00	0.28	0.99S	0.206									
PUK	AC	HHZ	124.7	320	90	P	31.55	21.78	22.06	0.00	-0.28	0.99	0.110	1.00	40	3.12	D					
BCI	AC	HHN	146.7	334	68	S	54.72	44.95	45.15	0.00	-0.20	1.00S	0.494									
BCI	AC	HHZ	146.7	334	68	P	35.47	25.70	25.80	0.00	-0.10	1.00	0.156									
SRN	AC	HHN	162.5	207	68	S	59.43	49.66	49.54	0.00	0.12	1.00S	0.312									
SRN	AC	HHZ	162.5	207	68	P	38.10	28.33	28.31	0.00	0.02	1.00	0.119									
IGT	AC	HHN	189.3	194	68	S	67.00	57.23	57.03	0.00	0.20	1.00S	0.309									
IGT	AC	HHZ	189.3	194	68	P	42.27	32.50	32.59	0.00	-0.09	1.00	0.143									

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014-10-21			1032 26.41	41 11.85	20E58.15	10.16	0.08	0.84	2.94		3.63	

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMAD-T	L F X
23	32	17.2	Atl	213	7	0	7	3	22		0.00	0.00 L	3.00 0.02 D
REGION= Maqedoni [F.Y.R. of 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	
OHR	MK	HHN		17.2	237	113	S		33.00	6.59	6.56	0.00	0.03	1.57S		0.849				
OHR	MK	HHZ		17.2	237	113	P		30.10	3.69	3.75	0.00	-0.06	1.57		0.532				
PHP	AC	HHN		69.8	321	93	S		48.49	22.08	22.14	0.00	-0.06	1.48S		0.857				
PHP	AC	HHZ		69.8	321	93	P		39.17	12.76	12.65	0.00	0.11	1.48		0.427	1.00	75	3.61	D
TIR	AC	HHE		94.0	281	92	S		55.90	29.49	29.40	0.00	0.09	0.64S		0.537				
TIR	AC	HHZ		94.0	281	92	P		43.02	16.61	16.80	0.00	-0.19	0.64		0.291	1.00	75	3.63	D
SKO	MK	HHZ		94.5	24	92	P		43.25	16.84	16.89	0.00	-0.05	0.62		0.504				
LSK	AC	HHN		120.5	196	78	S		64.50	38.09	37.35	0.00	0.74*	0.00S		0.000				
LSK	AC	HHZ		120.5	196	78	P		48.16	21.75	21.34	0.00	0.41	0.00		0.000	1.00	112	3.99	D
PUK	AC	HHE		129.9	317	68	S		66.37	39.96	39.97	0.00	-0.01	0.00S		0.000				
PUK	AC	HHZ		129.9	317	68	P		49.24	22.83	22.84	0.00	-0.01	0.00		0.000				
VLO	AC	HHE		148.3	238	68	S		71.50	45.09	45.13	0.00	-0.04	0.00S		0.000				
VLO	AC	HHZ		148.3	238	68	P		52.78	26.37	25.79	0.00	0.58*	0.00		0.000				
BCI	AC	HHN		149.9	331	68	S		72.09	45.68	45.57	0.00	0.11	0.00S		0.000				
BCI	AC	HHZ		149.9	331	68	P		53.20	26.79	26.04	0.00	0.75*	0.00		0.000				
SRN	AC	HHE		167.7	210	68	S		76.33	49.92	50.54	0.00	-0.62*	0.00S		0.000				

SRN	AC	HHZ	167.7	210	68	P	55.73	29.32	28.88	0.00	0.44	0.00	0.000
IGT	AC	HHE	192.8	197	68	S	83.16	56.75	57.54	0.00	-0.79*	0.00S	0.000
IGT	AC	HHZ	192.8	197	68	P	59.17	32.76	32.88	0.00	-0.12	0.00	0.000
SCTE	AC	HHZ	245.4	241	50	P	67.59	41.18	40.34	0.00	0.84*	0.00	0.000
LKD2	AC	HHZ	268.7	186	50	P	69.62	43.21	43.43	0.00	-0.22	0.00	0.000
NOCI	AC	HHZ	331.8	264	50	P	75.65	49.24	51.77	0.00	-2.53*	0.00	0.000

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	22	2134	46.37	41 51.40	20E39.69	3.04	0.26	3.47	3.87	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	
8	12	26.5	Atl	264	13	0	8	4	8	#	0.00	0.00	L	3.00	0.13	D

REGION= Maqedoni [F.Y.R. of 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	26.5	224	61	P			51.53	5.16	5.54	0.00	-0.38	1.00		0.401	1.00	25	2.58	D
PHP	AC	HHN	26.5	224	61	S			56.03	9.66	9.69	0.00	-0.03	1.00S		0.463				
PUK	AC	HHZ	67.0	289	51	P			58.86	12.49	12.77	0.00	-0.28	1.00		0.333	1.00	26	2.71	D
PUK	AC	HHN	67.0	289	51	S			68.33	21.96	22.35	0.00	-0.39	1.00S		0.735				
BCI	AC	HHZ	75.0	320	51	P			60.41	14.04	14.14	0.00	-0.10	1.00		0.426	1.00	31	2.86	D
BCI	AC	HHN	75.0	320	51	S			71.44	25.07	24.74	0.00	0.32	1.00S		0.631				
TIR	AC	HHZ	87.2	230	51	P			62.75	16.38	16.24	0.00	0.14	1.00		0.310				
TIR	AC	HHN	87.2	230	51	S			74.94	28.57	28.42	0.00	0.15	1.00S		0.697				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	24	0837	27.05	39 44.41	20E16.64	12.53	0.08	2.87	1.40	3.09	

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	14	23.6	Atl	223	10	0	5	3	11		0.00	0.00	L	1.00	0.00	D

REGION= Greqi [Greece]

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T	
IGT	AC	HHZ	23.6	168	112	P			32.08	5.03	4.92	0.00	0.11	1.05		0.623				
IGT	AC	HHE	23.6	168	112	S			35.61	8.56	8.61	0.00	-0.05	1.05S		0.876				
LSK	AC	HHZ	53.1	31	98	P			36.79	9.74	9.84	0.00	-0.10	1.05		0.623	1.00	40	3.09	D
LSK	AC	HHE	53.1	31	98	S			44.33	17.28	17.22	0.00	0.06	1.05S		0.876				
LKD2	AC	HHZ	110.6	162	78	P			44.21	17.16	19.59	0.00	-2.43*	0.00		0.000				
LKD2	AC	HHE	110.6	162	78	S			61.34	34.29	34.28	0.00	0.01	0.78S		0.999				
PHP	AC	HHZ	216.4	3	50	P			64.85	37.80	36.24	0.00	1.56*	0.00		0.000				
PUK	AC	HHZ	257.7	353	50	P			68.73	41.68	41.71	0.00	-0.03	0.00		0.000				
NOCI	AC	HHZ	297.1	295	50	P			73.53	46.48	46.92	0.00	-0.44	0.00		0.000				

MRVN AC HHZ 376.4 295 50 P 83.71 56.66 57.40 0.00 -0.74* 0.00 0.000

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2014-10-27 2048 35.84 41 46.09 20E30.31 28.90 0.15 16.63 6.63 2.23

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
 4 6 10.7 Atl 269 7 0 4 2 4 - 0.00 0.00 L 2.00 0.12 D
 REGION= Maqedoni [F.Y.R. of 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		10.7	211	158	P		41.36	5.52	5.34	0.00	0.18	1.02		0.998	1.00	12	2.11 D
PHP	AC	HHN		10.7	211	158	S		45.08	9.24	9.34	0.00	-0.11	1.02S		0.999			
PUK	AC	HHZ		59.3	302	109	P		46.95	11.11	11.31	0.00	-0.20	0.98		0.998	1.00	13	2.34 D
PUK	AC	HHE		59.3	302	109	S		55.74	19.90	19.79	0.00	0.11	0.98S		0.999			

Tërmete të largët [Distant Earthquake (telemetered events)]

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2014-10-09 0233 23.63

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 7 53.7 Atl 255 24 0 7 0 7 # 0.00 0.00 L 0.00 0.00 D
 REGION= Kurrizorja JL e Paqësorit [SE Pacific Rise]

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		53.7	110	147	P		52.19	28.56	16.12	0.00	12.44*	0.15		0.072			
TIR	AC	HHZ		112.9	45	124	P		51.33	27.70	21.68	0.00	6.02*	1.14		0.867			
SRN	AC	HHZ		125.8	131	120	P		49.04	25.41	23.11	0.00	2.30*	1.14		0.845			
LSK	AC	HHZ		153.9	110	114	P		52.64	29.01	26.40	0.00	2.61*	1.14		0.705			
PHP	AC	HHZ		173.7	47	111	P		58.14	34.51	28.80	0.00	5.71*	1.14		0.509			
PUK	AC	HHZ		176.6	27	111	P		50.18	26.55	29.16	0.00	-2.61*	1.14		0.404			
BCI	AC	HHZ		215.1	26	106	P		58.04	34.41	33.99	0.00	0.42	1.14		0.594			

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

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG							
2014	10	06																	
			0839																
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					P		37.6										
PHP	AC	HHN					S		40.9										
YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG							
2014	10	09																	
			0825																
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					P		39.7										
PHP	AC	HHN					S		43.1										
YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG							
2014	10	11																	
			1958																
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					P		27.7										
SRN	AC	HHN					S		28.9										
YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG							
2014	10	11																	
			1958																
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					P		35.8										
SRN	AC	HHN					S		36.9										
YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG							
2014	10	11																	
			1958																

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					P		50.2										
SRN	AC	HHN					S		51.3										

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	11	1958									

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					P		51.6										
SRN	AC	HHN					S		53.8										

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	11	1958									

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					P		57.9										
SRN	AC	HHN					S		59.9										

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	11	2001									

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					P		09.6										
SRN	AC	HHN					S		10.2										

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	12	0307									

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					P		31.6										
PHP	AC	HHN					S		33.3										

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	13	1946									

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					P		11.9										
PHP	AC	HHN					S		16.9										

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	18	0006									

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					P		22.7										
SRN	AC	HHN					S		23.8										

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	18	0057									

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					P		09.1										
SRN	AC	HHN					S		10.7										

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	18	0122									

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					P		18.9										
PHP	AC	HHN					S		20.2										

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	18	0338									

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					P		12.6										
SRN	AC	HHN					S		13.8										

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	18	0357									

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					P		42.6										
SRN	AC	HHN					S		44.0										

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014	10	24	1017									

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					P		26.0										
SRN	AC	HHN					S		27.6										

Katalogu i Tërmeteve të Shqipërisë, Tetor 2014

Katalogu përfshin ngjarjet brenda poligonit të kufizuar nga koordinatat: 39-43⁰ V dhe 18.5-21.5⁰ L

Nr	Data	Koha	Gjer.	Gjat.	Thell.	rms Mag.		Vendnd.
			Gjeo.	Gjeo.		sek	L/d	
	<i>dd/mm/VVVV</i>	<i>hh:mm:ss.s</i>	<i>(°)</i>	<i>(°)</i>	<i>km</i>	<i>sek</i>	<i>L/d</i>	
No.	Date	Time	Lat.	Lon.	Dep.	rms	Mag.	Location
1	01/10/2014	03:21:12.80	41.05	20.28	12.18	0.13	2.9	Bulqizë (Albania)
2	01/10/2014	07:44:11.35	41.48	20.26	6.99	0.11	2.5	Bulqizë (Albania)
3	02/10/2014	04:43:56.24	43.27	17.20	7.00	0.77	3.9	Kroaci (Croatia)
4	02/10/2014	11:04:42.29	39.31	22.09	24.94	0.27	3.6	Greqi (Greece)
5	02/10/2014	16:31:56.69	41.24	20.27	21.13	0.46	3.4	Elbasan (Albania)
6	02/10/2014	16:44:56.91	41.21	20.28	7.32	0.11	2.8	Elbasan (Albania)
5	03/10/2014	01:04:26.69	41.20	20.07	12.43	0.17	2.7	Elbasan (Albania)
6	03/10/2014	01:05:57.20	41.19	20.08	12.40	0.09	2.1	Elbasan (Albania)
7	03/10/2014	01:07:33.11	41.18	20.07	25.00	0.07	2.3	Elbasan (Albania)
8	03/10/2014	01:45:04.16	41.21	20.07	15.96	0.06	2.6	VL-Elbasanit (Albania)
9	03/10/2014	01:47:05.09	41.13	20.12	6.97	0.20	2.2	VL-Elbasanit (Albania)
10	03/10/2014	01:48:31.74	41.19	20.10	10.52	0.09	2.4	VL-Elbasanit (Albania)
11	03/10/2014	01:49:03.33	41.21	20.07	12.60	0.10	2.4	VL-Elbasanit (Albania)
12	03/10/2014	15:12:02.19	37.44	21.20	7.00	1.01	4.7	Greqi (Greece)
13	05/10/2014	10:46:01.32	41.18	20.08	12.15	0.09	2.1	VL-Elbasanit (Albania)
14	07/10/2014	10:26:47.62	42.03	20.12	9.72	0.13	3.2	Fushë-Arrëz (Albania)
15	07/10/2014	10:45:54.10	42.06	21.27	18.81	0.04	3.1	Maqedoni (FYR-Macedonia)
16	08/10/2014	16:56:28.03	39.79	20.74	22.65	0.33	2.6	Greqi (Greece)
17	09/10/2014	04:23:23.91	41.85	20.15	7.00	0.04	2.3	Arrë-Mollë (Albania)
18	09/10/2014	04:55:30.55	39.68	20.38	16.24	0.13	3.4	Greqi (Greece)
19	10/10/2014	20:11:24.09	38.53	20.39	7.54	0.06	3.2	Greqi (Greece)
20	12/10/2014	02:56:51.61	41.52	20.15	18.54	0.11	2.7	Klos (Albania)
21	12/10/2014	08:10:58.23	41.12	20.10	7.00	0.01	2.5	Elbasan (Albania)
22	12/10/2014	18:44:53.39	41.37	19.81	34.00	0.20	2.5	Peqin (Albania)
23	14/10/2014	10:51:01.54	41.78	20.17	7.00	0.08	2.3	Mat (Albania)
24	14/10/2014	13:15:37.60	41.87	21.59	7.47	0.07	2.7	Maqedoni (FYR-Macedonia)
25	14/10/2014	22:13:52.36	41.06	19.93	17.40	0.01	2.3	VP-Peqinit (Albania)
26	15/10/2014	00:46:36.99	41.55	20.21	7.00	0.07	2.3	VP-Bulqizës (Albania)
27	16/10/2014	21:36:51.98	41.56	20.20	13.52	0.10	2.6	VP-Bulqizës (Albania)
28	17/10/2014	08:49:43.13	41.12	20.15	8.92	0.14	2.5	Elbasan (Albania)
29	17/10/2014	17:33:17.28	41.58	19.74	13.13	0.05	2.1	Tiranë (Albania)
30	17/10/2014	19:05:34.10	39.75	20.68	20.83	0.10	3.4	Greqi (Greece)
31	17/10/2014	19:10:21.10	39.75	20.73	10.94	0.26	2.8	Greqi (Greece)
32	19/10/2014	15:18:29.89	41.17	20.93	5.25	0.14	3.1	Ohër (FYR-Macedonia)
33	19/10/2014	17:30:09.77	41.19	20.86	6.02	0.16	3.0	Maqedoni (FYR-Macedonia)
34	20/10/2014	21:11:35.38	40.03	19.80	11.13	0.20	2.3	Vërmik (Albania)
35	21/10/2014	10:32:26.41	41.20	20.97	10.16	0.08	3.6	Maqedoni (FYR-Macedonia)
36	22/10/2014	21:34:46.37	41.86	20.66	3.04	0.26	2.7	Maqedoni (FYR-Macedonia)
38	24/10/2014	08:37:27.05	39.74	20.28	12.53	0.08	3.09	Greqi (Greece)
39	26/10/2014	03:08:06.58	41.84	20.11	10.21	0.13	1.99	Kurbnesh (Albania)

40	27/10/2014	20:48:35.84	41.77	20.51	28.90	0.15	2.23	Maqedoni (FYR-Macedonia)
41	28/10/2014	02:33:31.48	41.86	19.71	28.69	0.33	3.06	Lezhë (Albania)
42	28/10/2014	18:13:17.60	41.29	20.32	7.00	0.12	2.32	VL-Elbasanit (Albania)
43	28/10/2014	18:15:46.85	41.27	20.33	6.98	0.18	2.69	VL-Elbasanit (Albania)
44	29/10/2014	14:31:08.76	41.39	19.80	15.65	0.07	2.30	Kamëz (Albania)
45	29/10/2014	21:14:43.90	40.34	19.35	16.12	0.10	2.40	Karaburun (Albania)
46	29/10/2014	21:16:43.68	41.21	20.02	11.59	0.05	2.13	Kërrabë (Albania)
47	30/10/2014	01:23:05.99	41.80	20.04	21.82	0.19	3.00	Kurbnesh (Albania)

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

Ngjarja 1 (Event 1):

Date 02.10.2014, në orën 16:31:56.7 (UTC); lokalizuar 41.24V; 20.27L, në fshatin Kuturman të Qarkut Elbasan; Intensiteti i tërmetit në epiqendër $I_0 = IV$ ballë (MSK-64); Ndjerë: III-IV ballë në qytetin e Elbasanit, (Intensity $I_0 = IV$ degree MSK-64, felt III-IV degree at Elbasani Town)

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

Zgjidhjet e mekanizmit të vatrave për tërmetet $M > 3.0$

[*Focal Mechanism Solutions for earthquakes with Mag. > 3.0*]

Analiza bazohet në përcaktimin e polariteteve (+/-, respektivisht sipër dhe poshtë ose zgjerim P dhe ndrydhje T), të fazave sizmike primare ($P_{g/n}$, IP, EP, PP), rënëse në secilin nga stacionet sizmologjik që regjistrojnë çdonjerën nga ngjarjet sizmike, dhe përcaktimin e gjeometrisë së modelit të vatrës, që përputhet më mirë me këtë shpërndarje (karakteristika e rrezatimit). Në analizë, për të rritur saktësinë, merren në konsiderat si parametra hyrës në llogaritje, edhe vlerat e raporteve të A_{maks} . të fazave primare P me ato dytësore S, por edhe të vetë amplitudave maksimale për fazat dytësore në komponentet e ndryshme horizontale e vertikale (SV/P, SH/P dhe SH/SV). Për analizën e mësipërme përdoren një dhe/ose më shumë rutina të sistemit SEISAN (ver. 10.1.2), në varësi të informacionit valor të regjistruar për çdo tërmet. Së pari tentohet një zgjidhje vetëm me polaritetet (zgjidhje “robuste”), për të cilën përdoret programi FPFIT, më tej për të optimizuar zgjidhjen, duke marrë në konsiderat edhe raportet e përfutuara për amplitudat fazore maksimale, përdoren programet FOCMEC dhe HASH, [shih Referencat]. Rezultatet e përfutuara renditen për çdo ngjarje në trajtën parametrike dhe grafike.

The FM analysis is based on the determination of the first onsets polarities as the input for the computation of the geometry of the seismic source in accordance with its real radiation pattern. To achieve reliable solutions also maximum amplitude ratios for the secondary S to primary P waves as well as of the secondary phases recorded for different horizontal and vertical components, are used. Based on these inputs and the quantity of data available for each event, one or several different routines of SEISAN analyzing system, are used as well. Thus, taking into account only the first onset polarities and attempting for a robust solution, if enough data and good station coverage is accomplished, FPFIT is used primary. To better constrain the solution, by taking as well as the maximum amplitude ratios, FOCMEC and HASH are used (References). The achieved results are given in the parametric and graphical form, in the following of this section.

EV201410021632_3.4

Epiqendra (Location): rajoni Elbasan [*Elbasani region*]

Mag. 3.4 (M_d – lokale)

Parametrat e lokalizimit (location parameters)

Date hr mn sec lat long depth no m rms damp erln erlt erdp ic
 1410 2 1631 55.44 4114.40N 20 16.2E 21.1 13 2 1.43 0.000 9.4 8.7 0.0 3

Gabimi në kohën në origjinë (origine time error): 2.65 sek

Mosmbulimi këndor (Azimuthal Gap in Station Coverage): 176^0

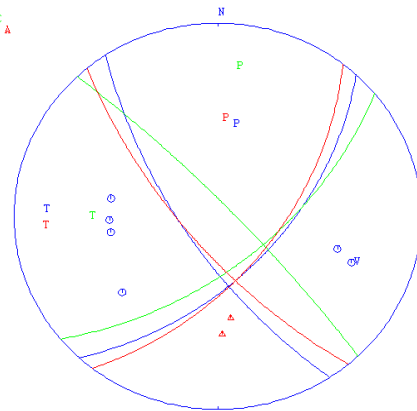
Ngjarja është lokalizuar duke mbajtur të fiksuar koordinatat dhe thellësinë dhe duke optimizuar zgjidhjen!

Polaritetet e përdorura (used polarities):

Stat	C	D
TIR	1	0
IGT	0	1
SCTE	1	0
THE	1	0
LKD2	0	1
NOCI	1	0
MRVN	1	0
SGRT	1	0

Sum of maximum number of polarities 8
 Sum of minimum number of polarities 0

2014 10 2 1631 55.4 L 41.240 20.270 21.1 FFGEO 8 1.4
 SIR DIP PAK Source
 43 57 -23 BHEH
 51 61 9 FOCMEC
 38 58 -21 FPFIT A



Për përcaktimin e mekanizmit bazuar në raportin e amplitudave, vetëm stacioni TIR është marrë në konsiderat nga programi, duke përjashtuar amplitudat e vlerësuara për stacionet e tjerë, për shkak të gabimit të lartë.

Amplitude ratio parameters:

Q: Local: $Q_p = 100.0 \cdot 1.00$ $Q_s = 84.0 \cdot 0.8$ Global: $t^*(P) = 1.10$ $t^*(S) = 4.20$

STAT	C	PH	AMP	PER	TRTIME	QCOR	ANGINC	ANGEMG	Fcor	AZ	DIST
TIR	Z	PG	12469	0.48	7.4	1.3	109	43	1.4	290	36
TIR	Z	SG	57330	0.78	12.9	1.7	109	43	0.2	290	36

STAT	Ratio type	T	Amp 1	Amp 2	Fcor	LogRat
TIR	SV(Z)/P(Z)	V	57330	12469	1.0	0.76

Rezultatet e Analizës (Analysis results):

2014 10 2 1631 55.4 L 41.240 20.270 21.1 FFGEO 8 1.4 1
 GAP=176 2.65 8.7 9.4 0.0 0.3556E+02 0.0000E+00 0.0000E+00E
42.9 56.5 -23.8 41.5 42.2 0.00 0.56 0.00 HASH F
 50.5300 61.1200 8.5000 0 00.03 FOCMEC F
 38.0 58.0 -22.0 15.0 23.0 28.0 0.0 0.1 FPFIT F

Bazuar në zgjidhjen e përfutur, ajo e përcaktuar nëpërmjet programit HASH, është e pranueshme: $F = 0 \leq 1.0$ dhe $STDR = 0.56 \geq 0.5$.

Parametrat e përfutur nëpërmjet programit HASH (solution through HASH program)

Madhësia e përcaktuar [determined parameter]	Vlera [value]		
Active plane (plani aktiv)			
Strike,dip,rake	42.9	56.5	-23.8
Fault+aux plane uncertainty	42.2	41.5	
Weighted fraction of pol misfits	0.00		
Average amplitude error	0.00		
Station dist ratio	0.56		
Auxiliary plane (plani ndihmës)			
Strike, dip, rake	146.6	70.3	-144.1
P- axes: strike, dip	9.1587601	38.919460	
T-axes : strike, dip	272.00964	8.7619381	

EV201410071026_3.2

Epiqendra (Location): Fushe Arrez [*Fushë Arrëzi region*]

Mag. 3.2 (M_d – lokale)

Parametrat e lokalizimit (location parameters)

Date	hrmn	sec	lat	long	depth	no m	rms	damp	erln	erlt	erdp	ic	
1410	7	1026	47.65	421.80N	20 7.2E	9.7	11 2	0.35	0.000	3.0	1.5	0.0	3

Gabimi në kohën në origjinë (origine time error): 0.79 sek

Mosmbulimi këndor (Azimuthal Gap in Station Coverage): 152°

Ngjarja është lokalizuar duke mbajtur të fiksuar koordinatat dhe thellësinë dhe duke optimizuar zgjidhjen!

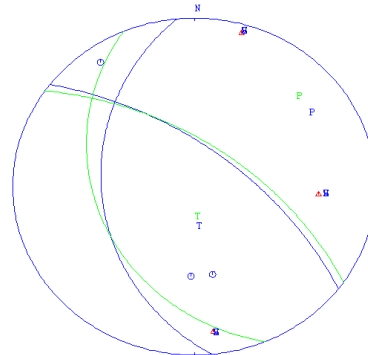
Polaritetet e përdorura (used polarities):

Stat	C	D
PUK	0	1
BCI	0	1
PHP	1	0
TIR	0	1
LSK	1	0
SRN	1	0

Sum of maximum number of polarities 6

Sum of minimum number of polarities 0

2014 10 7 1026 47.7 E 42.080 20.120 9.70960 6 0.4
 STR DIP RAK Station
 175 36 118 PUK
 157 33 118 PUK



Për përcaktimin e mekanizmit bazuar në raportin e amplitudave, vetëm stacionet PUK, BCI dhe TIR, janë marrë në konsiderat nga programi, duke përfshirë amplitudat e vlerësuara për stacionet e tjerë, për shkak të gabimit të lartë.

Amplitude ratio parameters:

Q: Local: $Q_p = 100.0 \cdot 1.00$ $Q_s = 84.0 \cdot 0.8$ Global: $t^*(P) = 1.10$ $t^*(S) = 4.20$

STAT	C	PH	AMP	PER	TRTIME	QCOR	ANGINC	ANGEMG	Fcor	AZ	DIST
PUK	Z	PG	120000	0.10	4.1	1.1	109	47	1.3	274	18
PUK	Z	SG	230000	0.30	7.2	1.4	109	47	-0.2	274	18
PUK	T	SG	347000	0.30	7.2	1.4	109	47	2.0	274	18
PUK	R	SG	376000	0.24	7.2	1.4	109	47	-0.2	274	18
BCI	Z	PG	5987	0.10	7.2	1.3	97	50	1.2	353	37
BCI	Z	SG	24998	0.24	12.6	1.8	97	50	-0.3	353	37
BCI	T	SG	41448	0.58	12.6	1.7	97	50	2.0	353	37
BCI	R	SG	29506	0.52	12.6	1.7	97	50	-0.3	353	37
TIR	Z	PG	932	0.24	14.2	1.6	93	51	1.2	196	78
TIR	R	SG	7448	0.30	24.7	3.1	93	51	-0.3	196	78
TIR	Z	SG	8161	0.40	24.7	2.9	93	51	-0.3	196	78

STAT	Ratio type	T	Amp 1	Amp 2	Fcor	LogRat
PUK	SV(Z)/P(Z)	V	230000	120000	1.0	0.35
PUK	SH(T)/P(Z)	H	347000	120000	0.7	0.36
PUK	SV(R)/P(Z)	V	376000	120000	7.3	1.45
PUK	SV(Z)/SH(T)	S	230000	347000	1.5	-0.01
PUK	SV(R)/SH(T)	S	376000	347000	11.2	1.09
BCI	SV(Z)/P(Z)	V	24998	5987	1.0	0.76
BCI	SH(T)/P(Z)	H	41448	5987	0.6	0.75
BCI	SV(R)/P(Z)	V	29506	5987	3.8	1.40
BCI	SV(Z)/SH(T)	S	24998	41448	1.6	0.00
BCI	SV(R)/SH(T)	S	29506	41448	6.2	0.65
TIR	SV(R)/P(Z)	V	7448	932	3.6	1.75
TIR	SV(Z)/P(Z)	V	8161	932	0.9	1.19
TIR	SH(T)/P(Z)	H	7772	932	0.6	1.00
TIR	SV(R)/SH(T)	S	7448	7772	5.9	0.75
TIR	SV(Z)/SH(T)	S	8161	7772	1.6	0.19

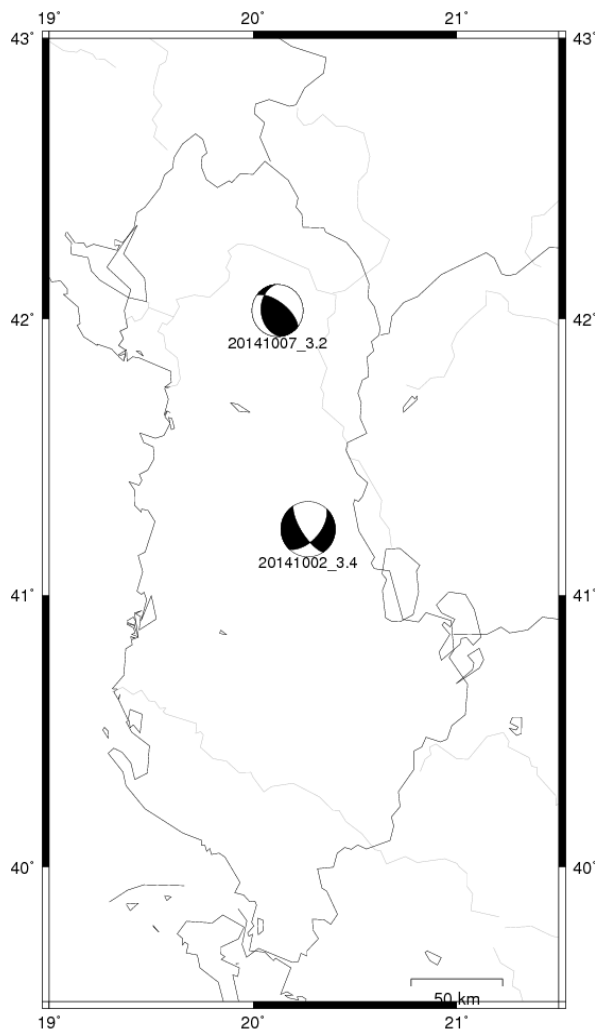
Rezultatet e Analizës (Analysis results):

2014 10 7 1026 47.7 L 42.030 20.120 9.7FFGEO 6 0.4 1
 GAP=152 0.79 1.5 3.0 0.0 0.1580E+01 0.0000E+00 0.0000E+00E
174.5 35.8 131.2 36.8 28.5 0.15 0.48 0.83 HASH F
 157.0 33.0 118.0 4.0 13.0 9.0 0.0 0.1 FPFIT F

Bazuar në zgjidhjen e përfutur, ajo e përcaktuar nëpërmjet programit HASH, është e pranueshme: $F = 0.83 \leq 1.0$ dhe $STDR = 0.48 < 0.5$.

Parametrat e përfutuar nëpërmjet programit HASH (solution through HASH program)

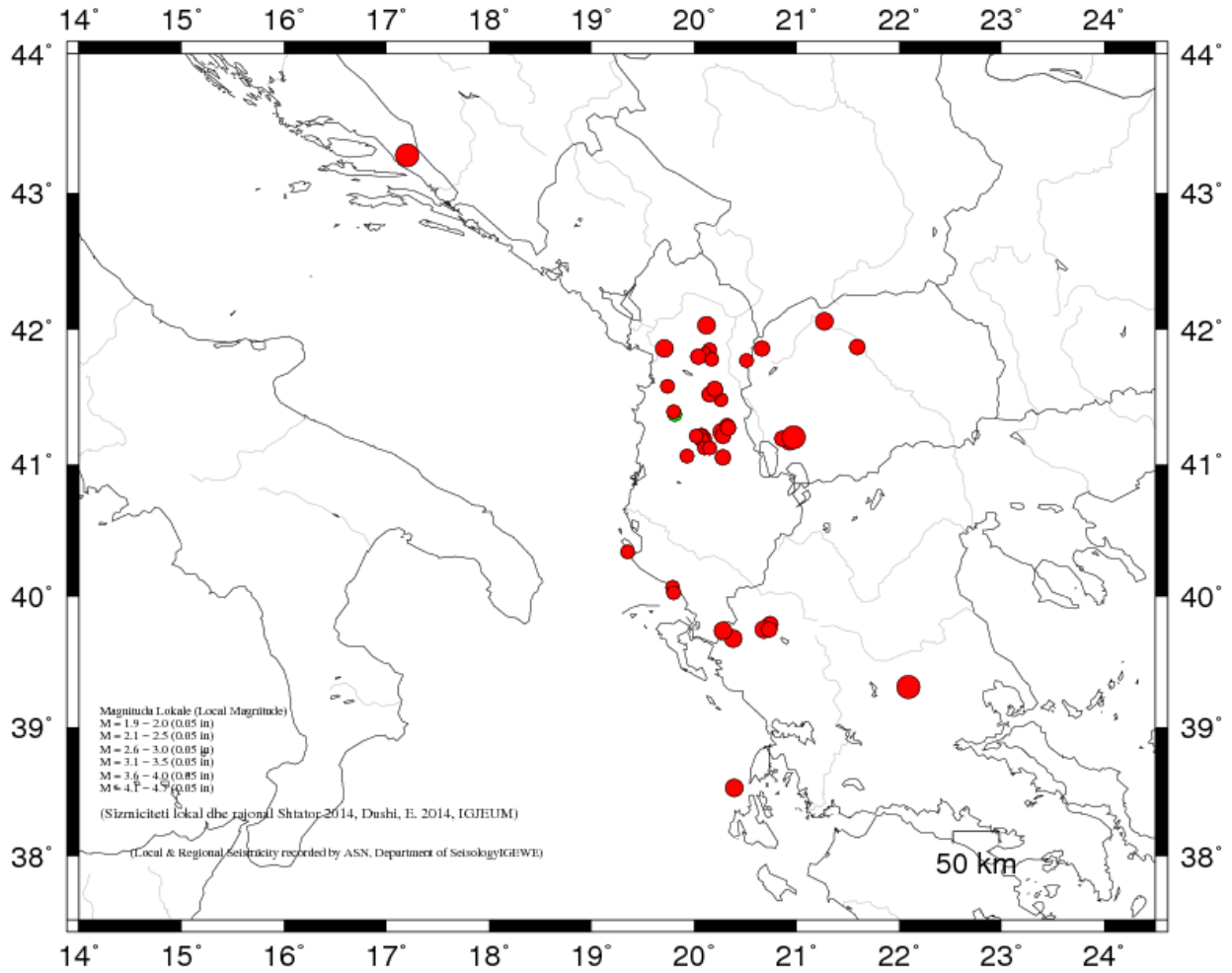
Madhësia e përcaktuar [determined parameter]	Vlera [value]		
Active plane (plani aktiv)			
Strike,dip,rake	174.5	35.8	131.2
Fault+aux plane uncertainty	28.5	36.8	
Weighted fraction of pol misfits	0.15		
Average amplitude error	0.83		
Station dist ratio	0.48		
Auxiliary plane (plani ndihmës)			
Strike, dip, rake	307.3	63.9	64.6
P- axes: strike, dip	55.641		15.21
T-axes : strike, dip	176.7		62.22



- Fig. 2 -

Harta e shpërndarjes së Mekanizmave të vatrës, për tërmetet me $M > 3.0$ të ndodhur gjatë muajit Tetor 2014 brenda territorit të vendit, si dhe tipi i mekanizmit që është vrojtuar.

(The FM solutions for earthquakes with $M > 3.0$, within Albanian territory during October 2014, and their location)



- Fig. 3 -

Harta e shpërndarjes në hapësirë të epiqendrave, në përputhje me magnitude (madhësia e simbolit) dhe thellësinë (ngjyra e simbolit); Ngjarjet janë lokalizuar gjatë muajit Tetor 2014, bazuar në regjistrimet e ASN dhe stacioneve sizmologjike në rajon.

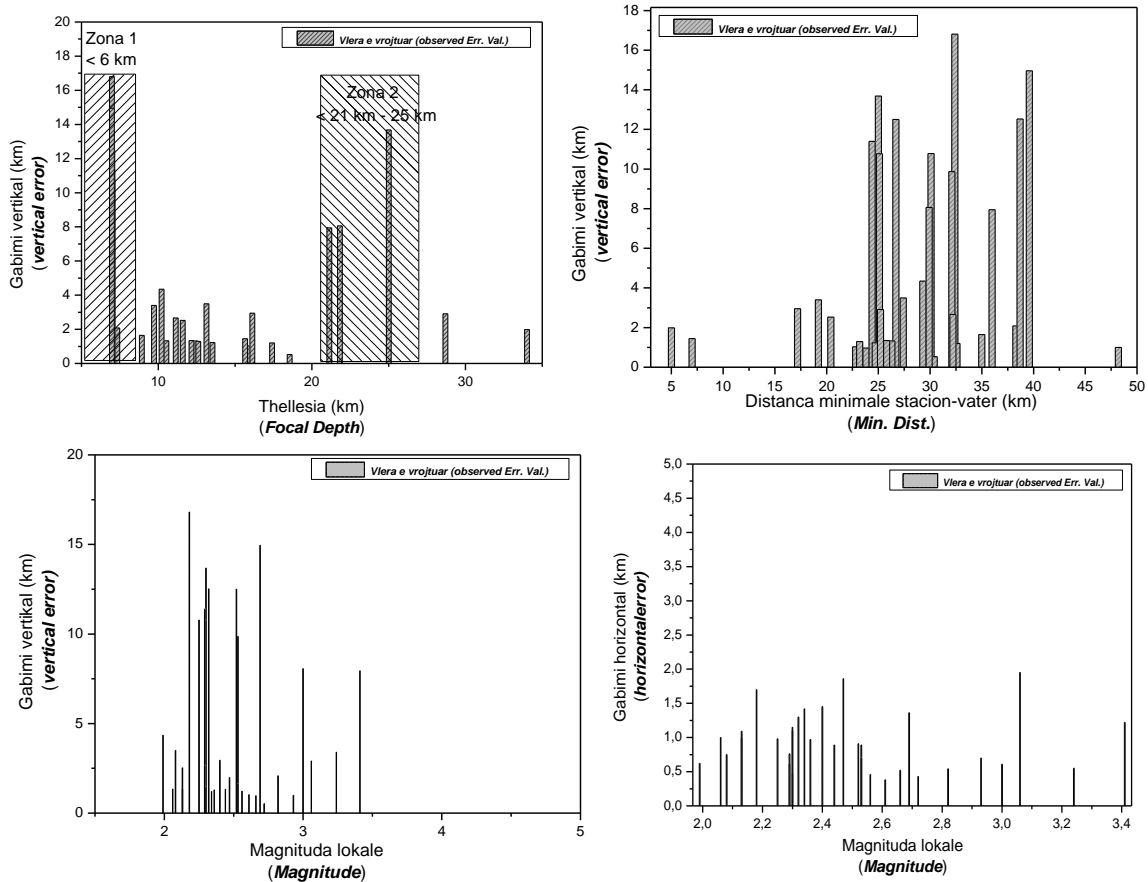
(Epicentral map for located seismicity within Albania and surrounding during October 2014)

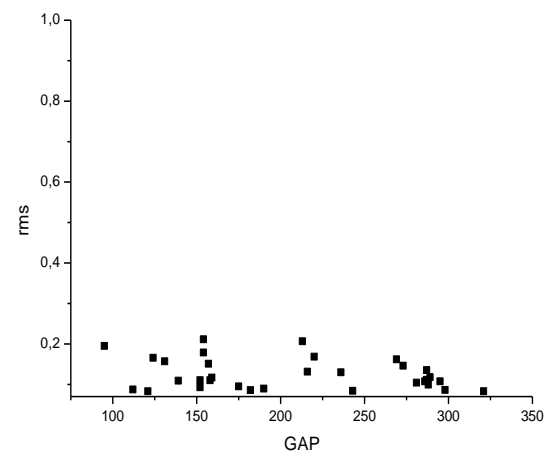
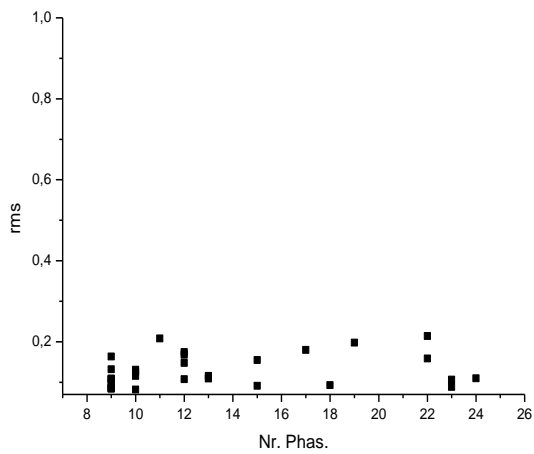
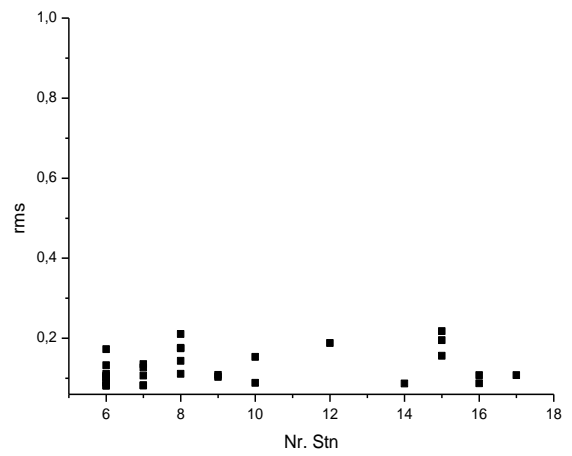
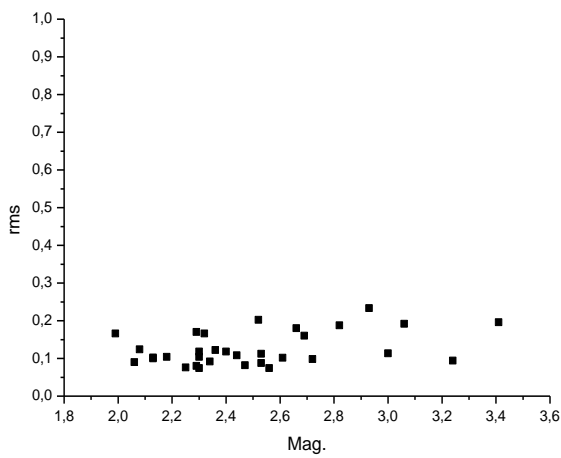
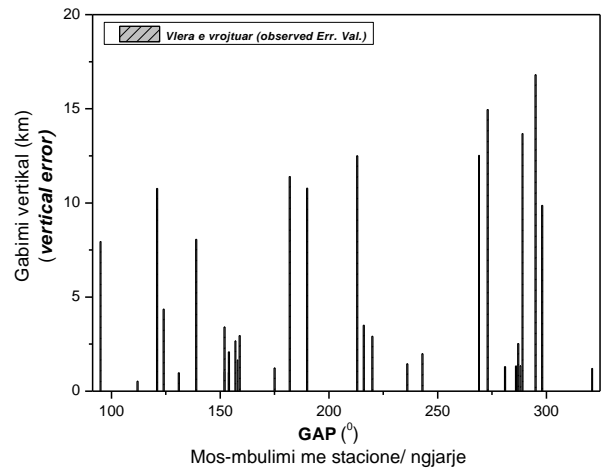
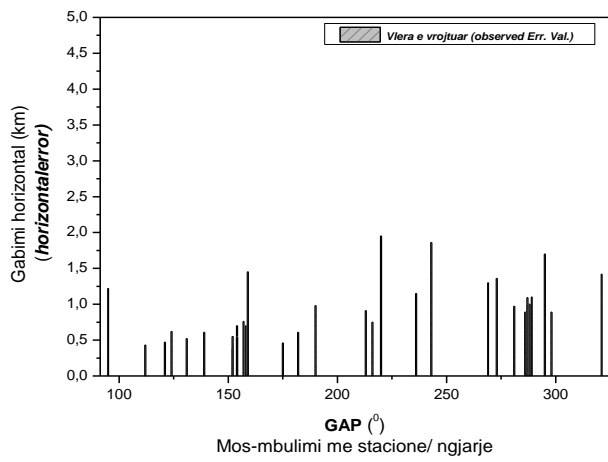
Statistika e gabimit në zgjidhje (Solution's Errors and Statistics)

Analiza pasuese synon të japë, nëpërmjet paraqitjes grafike, variacionin e parametrave të vlerësimit të gabimit: ERZ- gabimi në thellësi; ERH – gabimi në vlerësimin e koordinatave të epiqendrës (x, y); RMS – shmangien kuadratike mesatare për zgjidhjen dhe GAP – mos mbulimin azimutal të sferës vatrore në funksion të vlerave të përcaktuara për thellësinë (Dep.) në km, magnitudën lokale (Mag.), numurit të fazave dhe stacioneve sizmikë të përdorur në lokalizim. Rezultatet janë paraqitur në varësitë e treguara nga grafikët në vijim.

[The following analysis gives the overall variation of error parameters of depth (ERZ), location (ERH), coverage gap (GAP) and root mean square (RMS) as a function of source parameters: depth, magnitude and used phase and station number, in the location process.]

Numuri i ngjarjeve të marra në konsideratë: 32 tërmete





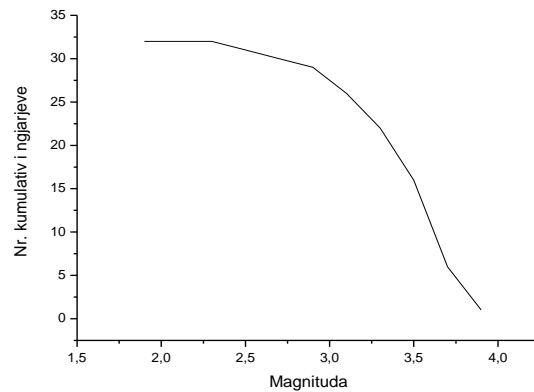
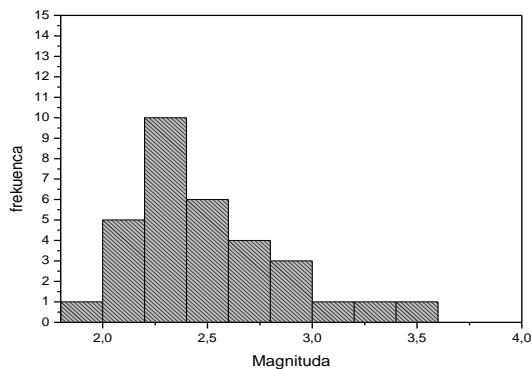
Statistika e ngjarjeve [Event's Statistics]

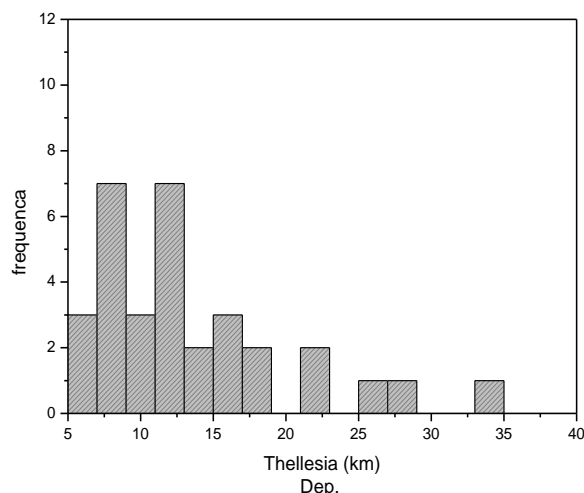
Synon të analizojë shpërndarjen e magnitudave të vrojuara në përputhje me një ndarje klasash në intervalin 1.5 – 5.0 (Richter). Vlerat e përfuara janë renditur në trajtë tabelare (Tabela 4) si dhe janë paraqitur në formën grafike. Në formën grafike tregohet edhe shpërndarja sipas shpeshësisë së vrojtimit të tyre, të vlerave të thellësisë vatrore. Analiza statistikore rendit në mënyrë të përgjithshme disa të dhëna përfaqësuese, (Tabela 5).

[The aim of statistical analysis is to overview in a general way the observed magnitude, depth and representative statistics for the entire group of the events recorded and processed for a month period. The general results are given in a tabulated and graphed way, in the following]

Tab. 4 – Shpërndarja e magnitudës sipas klasave (distribution of magnitude classes)

Nr. i klasës [No. of class]	Vlera qendrore e klasës [Bin. Centr.]	Nr. i ngjarjeve [count]	Kufiri i sipërm [Bin. End]	Vlera Kumulative [Sum]
1	3,9	1	3,8	1
2	3,7	5	3,6	6
3	3,5	10	3,4	16
4	3,3	6	3,2	22
5	3,1	4	3	26
6	2,9	3	2,8	29
7	2,7	1	2,6	30
8	2,5	1	2,4	31
9	2,3	1	2,2	32
10	2,1	0	2	32
11	1,9	0	1,8	32





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 ^o -43 ^o V; 18.5 ^o -21.5 ^o L)	[total recorded number of seismic events]	63
Numuri i ngjarjeve sizmike brenda kufirit shtetëror	[earthquakes occurred within state border]	32
Thelësia mesatare e vrojtuar (km)	[mean observed depth]	13
Thelësia maksimale e vrojtuar (km)	[maximum observed depth]	34
Magnituda lokale minimale e vrojtuar (M _{L/d})	[minimum observed local magnitude]	1.9
Magnituda lokale maksimale e vrojtuar (M _{L/d})	[maximum observed local magnitude]	3.4
Intensiteti maksimal i vrojtuar (MSK-64)	[maximum observed intensity]	4

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