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**BULETINI SIZMOLOGJIK**

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## HYRJE

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 ngjarve sizmike kontribuojnë drejtpërdrejtë punonjësit ndihmës-shkencor (laborant): Ing. Ardian Minarolli, Ing. Ervin Kasaj dhe Ing. Olgert Gjuzi (Inxhinier Gjeolog/ Monitorues në Qendrën Kombëtare të Sizmologjisë). Në kontrollin dhe analizën e cilësisë së vlerësimit të të dhënave, në analizën statistikore, analizën e ngjarjeve ( $M > 4.0$ ), katalogimin dhe paraqitjen grafike në hartë si dhe përpilimin e këtij buletini, kontribuojnë punonjësit kërkues sizmolog, Prof.Dr. Rrapo Ormeni dhe Dr. Edmond Dushi. Analiza e të dhënave kryhet me anë të programit Hypoinverse-2000 (Pakete rutinash në gjuhën Fortran), me autor Fred W Klein (2002) [Referenca: *Open File Report 02-171*, v. 1.0, U. S. Geological Survey, 345 Middlefield Rd., MS#977, Menlo Park CA 94025; klein@usgs.gov]. Ky program është baza llogaritëse e përdorur nga **Nanometrics** në programin interaktiv të përpunimit dhe lokalizimit të tërmeteve, në sistemin Libra 1, ATLAS (një ndërfaqe grafike në gjuhën Java). Të dhënat e përfutuara ruhen në formatet standart të Hypoinverse 2000, në skedarin hyp.prt dhe atë akiv, që shërbejnë edhe si baza për përpilimin e këtij buletini dhe analizës së kryer.

### Briefing:

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

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

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

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

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

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

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

**T<sub>0</sub>** – perioda vetjake e reagimit të sizmometrit (sensorit), mbi të cilën ai reagon linearisht si filtër i frekuencave të larta (High-Pass). Ky parametër është karakteristik për një tip të dhënë sensori (Sensor Natural Period)

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

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

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

Rrjeti Sizmologjik Virtual (Virtual Seismological Network)

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

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

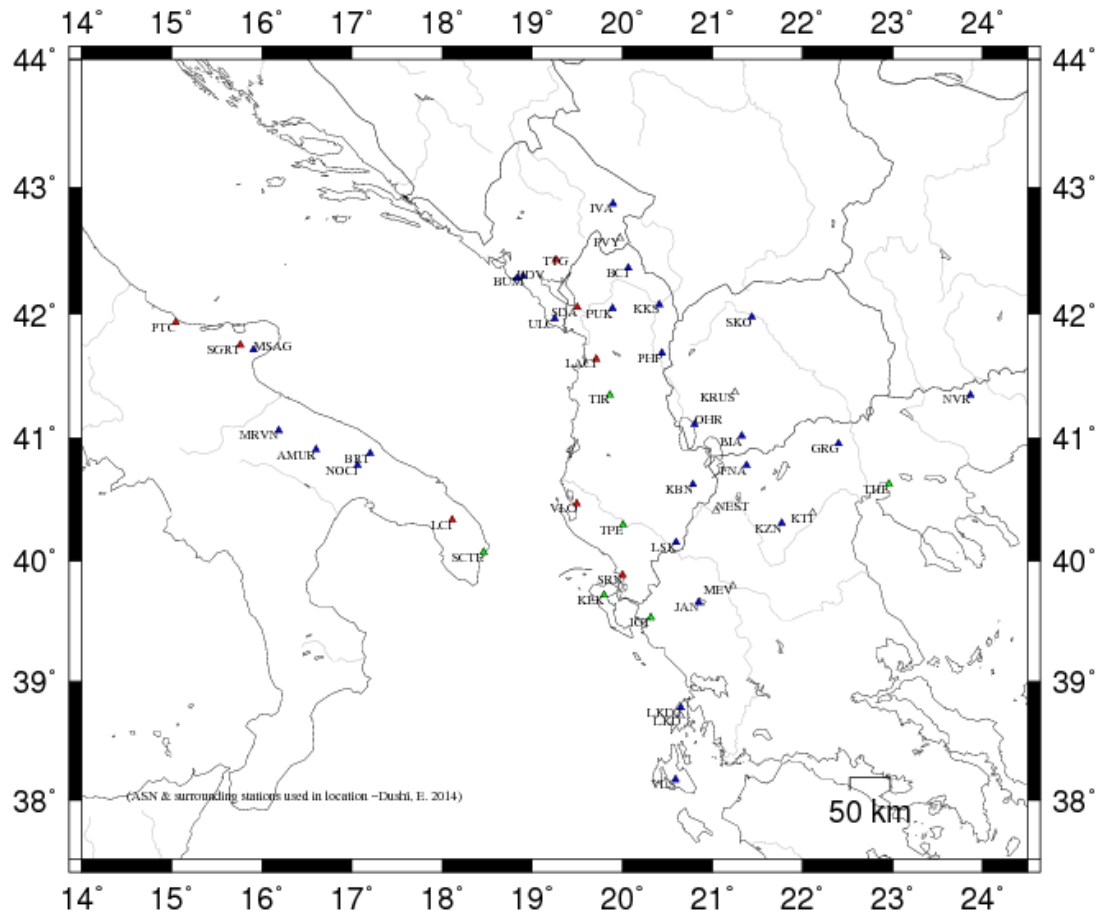
**Tab. 3 – Rrjeti Sizmologjik Ndhmës (MSO, SKO, AUTH, NAO, INGV)**

Kodi	Regjistruar (Po/Jo)	Gjer. Gjeo.	Gjat. Gjeo.	Lartesia	Tipi i stacionit	Sensori	Terheqja e Informacionit	Komunikimi	T <sub>0</sub>
Station Code	Registered (WDC)	Latitude (degree)	Longitude (degree)	Elev. (m)	Station type	Sensor type	Acquisition system	Communication	Nat.l Period (s)
MEV	Po (Y)	39.7850	21.2290	1500	3C-SP	S-13	Trident	RT	1.0
KTI	Po (Y)	40.39289	22.11650	1329	#	#	#	#	#
GRG	Po (Y)	40.9558	22.4029	600	3C-BB	CMG-3EPS/100	Trident	RT	40
LKD	Po (Y)	38.70722	20.65056	1140	#	#	#	#	#
ULC	Po (Y)	41.9633	19.2497	465	3C-SP	S-13	Smart-24D	RT	1.0
TTG	Po (Y)	42.43020	19.25530	97	#	#	#	#	#
PVY	Po (Y)	42.5950	19.9735	1250	3C-SP	S-13	Smart-24D	RT	1.0
BUM	Po (Y)	42.3008	18.8986	724	3C-SP	S-13	Smart-24D	RT	1.0
BDV	Po (Y)	42.28340	18.82790	385	#	#	#	#	#
IVA	Po (Y)	42.87180	19.89310	996	#	#	#	#	#
KEK	Po (Y)	39.7127	19.7962	227	3C-BB	STS-2	DR24-SC	RT	120
JAN	Po (Y)	39.6561	20.8487	526	3C-BB	CMG-3ESPC/60	DR24-SC	RT	40
KZN	Po (Y)	40.3033	21.7820	791	3C-BB	STS-2	DR24-SC	RT	120
VLS	Po (Y)	38.1768	20.5886	402	3C-BB	Trillium 120	DR24-SC	RT	120
NVR	Po (Y)	41.3484	23.8651	627	3C-BB	CMG-3ESPC/60	DR24-SC	RT	40

Kodi	Regjistruar (Po/Jo)	Gjer. Gjeo.	Gjat. Gjeo.	Lartesia	Tipi i stacionit	Sensori	Terheqja e Informacionit	Komunikimi	T <sub>0</sub>
Station Code	Registered (WDC)	Latitude (degree)	Longitude (degree)	Elev. (m)	Station type	Sensor type	Acquisition system	Communication	Nat.l Period (s)
BRT	Po (Y)	40.8778	17.2036	333	#	#	#	#	#
AMUR	Po (Y)	40.9071	16.6041	443	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
MSAG	Po (Y)	41.712	15.9096	890	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40/120
PTC	Po (Y)	41.7546	15.7437	960	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
LCI	Po (Y)	40.33461	18.11197	46	#	#	#	#	#
OHR	Po (Y)	41.1114	20.7989	739	#	#	#	#	#
BIA	Po (Y)	41.0194	21.3239	720	#	#	#	#	#
KRUS	Po (Y)	41.3689	21.2488	1015	#	#	#	#	#
SKO	Po (Y)	41.9721	21.4396	346	#	#	#	#	#
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 kur nuk njihet instrumentimi i stacioneve.



**-Fig. 1-**

Harta e shpërndarjes së stacioneve të rrjetit sizmologjik Shqipëtar (ASN), Universitetit ‘Aristotel’ të Selanikut (THE), Observatorit Kombëtar të Athinës (ATH), INGV, rrjetit sizmologjik Malazez (PDG) dhe atij Maqedonas (SKO).  
[Seismological station distribution map for ASN, THE, ATH, INGV, PDG & SKO]

**Përshkrimi i terminologjisë së përdorur për parametrat e 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) [ <i>longitude in degree and minutes</i> ]
DEPTH	Thellësia vatrore (km) [ <i>hypocenter depth in km</i> ]
RMS	Shmangia kuadratike mesatare për diferencat e peshuara të kohë-udhëtimin, për Fazat Sizmike, [ <i>root mean square for the weighted travel time residuals</i> ]
ERH	Gabimi horizontal në lokalizim (përafërsisht aksi maksimal i elipsit të gabimit në epiqendër), [ <i>horizontal location error, approximately equal to the major epicenter's error ellipse</i> ].
ERZ	Gabimi në thellësi, [ <i>Defined as the largest projections of the three principal errors on a vertical line</i> ].
XMAG	Magnituda primare bazuar në amplitudë [ <i>Primary weighted median amplitude magnitude</i> ].
FMAG	Magnituda primare bazuar në zgjatshmërinë e sinjalit [ <i>Primary weighted median coda magnitude</i> ].
PMAG	Magnituda e përzgjedhur si përfaqësuese, për ngjarjen e lokalizuar [ <i>preferred magnitude selected by PRE command, as representative of available magnitudes ML and Md</i> ].
NSTA	Numuri i stacioneve të përdorur në lokalizim [ <i>the number of stations read for this event</i> ].
NPHS	Numuri i fazave të përdorura [ <i>Number of used phases in location</i> ].
DMIN	Distanca hypoqender-stacioni më i afërt [ <i>distance to the nearest station</i> ].
MODEL	Modeli shpejtësior i përdorur [ <i>velocity crustal model code</i> ].
GAP	Shmangia maksimale, këndore, ndërmjet stacioneve të përdorur [ <i>the largest azimuthal gap between azimuthally adjacent stations</i> ].
ITR	Numri i iteracioneve për zgjidhje [ <i>number of iterations required for the solution</i> ].
NFM	Numri i hyrjeve të para P [ <i>number of P first motions reported</i> ].
NWR	Numri i fazave P & S me peshë statistikore > 0.1 [ <i>number of P &amp; S readings with weights &gt; 0.1</i> ].
NWS	Numri i fazave S me peshë statistikore > 0.1 [ <i>number of S-phases with weights &gt; 0.1</i> ].
NVR	Numri i fazave P & S, të vlefshme për lokalizim [ <i>number of P &amp; S phases valid for location, assigned weights &gt; 0</i> ].
REMARKS	Kodi (3 karaktere) i rajonit (region code), bazuar në lokalizim dhe thellësinë e vlerësuar; 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> ].
<b>Shënim:</b>	parametrat XMAG2 dhe FMAG2, së bashku me parametrat e tjerë suksesiv të indeksuar me #####2, paraqesin informacionin për magnitudat dytësore [ <i>secondary magnitude information parameters</i> ].

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

STA	Kodi i stacionit me 5-karakteere (station code, max 5 characters). (*) –tregon se për këtë stacion është përdorur një model alternative shpejtësie [ <i>alternative crustal velocity model used for that station</i> ].
NET	Kodi i rrjetit [ <i>the network code</i> ].
COM	komponentja e përdorur [ <i>3 –letters component code</i> ]
C	shkurtimi i kodit të rrjetit (1 karakter) [ <i>abbreviation for the station code</i> ]
R	Shënimi për stacionin [ <i>station remark</i> ]
DIST	Distanca epiqendrore [ <i>epicentral distance</i> ]
AZM	Azimuti stacion-hypoqendër [ <i>station azimuth in degree</i> ]
AN	Këndi i daljes së rezeve valore në sferën vatrore [ <i>emergence angle at the hypocenter</i> ]
P/S	Kodi i fazave të përcaktuara nga leximi në formën valore [ <i>phase code</i> ]
WT	Pesha e vlerësimin të fazave [ <i>weighted code</i> ].
SEC	Koha e vrojtuar për hyrjet valore [ <i>observed arrival time</i> ]
TOBS	Koha e vrojtuar e udhëtimit vatër-stacion për fazën sizmike [ <i>observed travel time</i> ]
TCAL	Koha e llogaritur nga modeli i shpejtësisë për udhëtimin vatër-stacion, të fazës sizmike [ <i>calculated travel time</i> ].
DLY	Vonesa në kohë, karakteristikë për stacionin [ <i>station delay</i> ].
RES	Diferenca në kohë-përhapjen, model-vrojtim. [ <i>Travel time residuals</i> ].
WT	Pesha e normalizuar, përfshirë këtu edhe peshën e caktuar dhënë më sipër [ <i>normalized weight</i> ].
SR	Kodi i burimit (1 karakter), që zakonisht i referohet rrjetit [ <i>1 letter source code</i> ]
R	Shënime lidhur me formën valore (sizmogramën), mbartur nga të dhënat fazore [ <i>Seismogram remark</i> ].
INFO	Informacioni për rëndësinë e kontributit të stacionit apo fazës në zgjidhjen e përgjithshme [ <i>the information of the importance of contribution</i> ].
CAL	Faktori korigjues që përdoret në llogaritjen e magnitudës [ <i>calibration factor for magnitude calculation</i> ].
DUR	Zgjatshmëria e fazës koda (s) [ <i>coda duration i sec</i> ]
W	Kodi i peshimit 0-4 për magnitudën bazuar në zgjatshmërinë e sinjalit, Md, [ <i>duration magnitude weight code</i> ].
FMAG	Magnituda Md, për stacionin [ <i>duration magnitude for that station</i> ].
T	Kodi për llojin e magnitudës [ <i>the magnitude type code assigned by FC1 &amp; FC2 commands</i> ].
AMP	amplituda maksimale (pik-pik) [ <i>peak to peak maximum amplitude</i> ]
U	Kodi për njësinë e përdorur për amplitudën M – mm, C – counts, etj. [ <i>amplitude units code</i> ]
PER	Perioda (s), ku është matur $A_{max}$ , [ <i>max amplitude corresponding period in sec.</i> ].
W	Kodi i peshimit 0-9, për magnitudën, bazuar në amplitudë, [ <i>amplitude based magnitude weight code</i> ].
XMAG	Magnituda bazuar në amplitudë, për stacionin, [ <i>amplitude magnitude for that station</i> ].
T	Kodi për llojin e magnitudës [ <i>the magnitude type code assigned by XC1 &amp; XC2 commands</i> ].

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

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-09-03 1413 56.91 39 52.42 19E52.67 5.35 0.09 3.67 1.93 2.50 2.27 2.5

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T SOURCE  
 8 10 10.5 At1 196 9 0 6 2 7 3.00 0.19 L 2.00 0.37 D L F X

1 3 SEP 2017, 14:13 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 4.15 170 27>-< 0.76 10 60>-< 0.32 264 8>

REGION= Deti Jon, 11 Km P të Sarandës, Rajoni Sarandës (Ionian Sea, 11 Km W of Saranda, Saranda Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
SRN	AC	HHZ		10.5	86	113	P		59.28	2.37	2.38	0.00	-0.01	1.13		0.921	1.00	9	1.90	D		
SRN	AC	HHN		10.5	86	113		6	60.00	3.09	2.38	0.00		0.00		0.000	1.00		16	.11	2.87	L
LSK	AC	HHZ		68.8	63	62	P		68.83	11.92	12.50	0.00	-0.28	0.36		0.057	1.00	19	2.63	D		
LSK	AC	HHE		68.8	63	62		6	60.00	3.09	12.50	0.00		0.00		0.000	1.00		1.2	.36	2.50	L
							S		78.81	21.90	21.88	0.00	0.02	1.13S		0.952						
KBN	AC	HHZ		113.7	42	62	P		77.13	20.22	20.22	0.00	0.00	1.13		0.960						
SCTE	AC	HHZ		122.5	282	62	P		78.71	21.80	21.73	0.00	0.07	1.13		0.446						
SCTE	AC	HHN		122.5	282	62		6	60.00	3.09	21.73	0.00		0.00		0.000	1.00		0.28	.41	2.31	L
							S		94.91	38.00	38.03	0.00	-0.03	1.13S		0.660						
NOCI	AC	HHZ		259.8	294	43	P		101.37	44.46	42.80	0.00	0.66*	0.00		0.000						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-09-04 0554 25.34 40 54.03 19E58.15 4.32 0.05 7.78 8.64 1.57 2.09 1.6

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T SOURCE  
 6 9 33.0 At1 243 8 0 5 2 6 - 1.00 0.00 L 2.00 0.18 D L F X

1 4 SEP 2017, 5:54 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 11.62 114 47>-< 1.21 292 41>-< 0.31 23 1>

REGION= 10 Km J-P të Belshit, Rajoni Elbasanit (10 Km S-W of Belshi, 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
BPA1	AC	HHZ		33.0	234	62	P		31.79	6.45	6.44	0.00	0.01	1.20		0.998	1.00	13	2.26	D		
BPA1	AC	HHN		33.0	234	62		S	36.37	11.03	11.27	0.00	-0.24	0.02S		0.001						
BPA2	AC	HHZ		35.1	238	62	P		32.08	6.74	6.81	0.00	-0.07	1.20		0.622	1.00	9	1.91	D		



BPA2	AC	HHN	35.1	238	62	S	37.30	11.96	11.92	0.00	0.04	1.20S	0.876						
TIR	AC	HHZ	50.4	351	62	P	34.85	9.51	9.44	0.00	0.07	1.20	0.622						
TIR	AC	HHE	50.4	351	62		0.00	-25.34	9.44	0.00		0.00	0.000	1.00		0.25	.30	1.57	L
						S	41.83	16.49	16.52	0.00	-0.03	1.20S	0.876						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	09	04	1103	4.55	41 27.02	19E59.76	20.00	0.36	3.31	1.10	2.70	3.67 2.7

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X
9	13	15.8	At1	279	8	0	8	4	8		1.00	0.00 L	1.00	0.00	D

1 4 SEP 2017, 11:03 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 3.32 21 4>-< 1.61 286 43>-< 0.86 115 46>

REGION= Guri Bardhe, Rajoni Tiranës (Guri Bardhë, 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		15.8	224	139	P		9.08	4.53	4.57	0.00	-0.04	1.16		0.509	1.00	48	3.67 D
TIR	AC	HHN		15.8	224	139	S		12.53	7.98	8.00	0.00	-0.02	1.16S		0.820			
KBN	AC	HHZ		113.4	143	71	P		23.32	18.77	19.65	0.00	-0.88*	0.36		0.068			
KBN	AC	HHN		113.4	143	71	S		39.20	34.65	34.39	0.00	0.26	1.16S		0.528			
LSK	AC	HHZ		153.1	160	71	P		31.07	26.52	25.99	0.00	0.53*	1.12		0.290			
LSK	AC	HHE		153.1	160	71	S		50.14	45.59	45.48	0.00	0.11	1.16S		0.591			
LSK	AC	HHN		153.1	160	71		6	0.00	-4.55	25.99	0.00		0.00		0.000	1.00	0.42	.60 2.70 L
SCTE	AC	HHZ		199.7	221	57	P		38.24	33.69	33.21	0.00	0.48	1.15		0.595			
SCTE	AC	HHE		199.7	221	57	S		61.93	57.38	58.12	0.00	-0.74*	0.71S		0.595			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	09	05	0735	59.01	40 58.30	19E58.95	36.41	0.18	0.44	0.80	4.11	4.06 4.1

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X
17	23	39.0	At1	132	12	0	13	6	14		3.00	0.00 L	3.00	0.00	D

1 5 SEP 2017, 7:35 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 0.88 28 65>-< 0.48 216 23>-< 0.45 126 3>

REGION= 4 Km J të Cerrikut, Rajoni Elbasanit (4 Km S of Cerriku, 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
BPA1	AC	HHZ		39.0	226	128	P		68.05	9.04	9.02	0.00	0.02	1.21		0.168	1.00	55	4.06 D
BPA1	AC	HHE		39.0	226	128	S		73.93	14.92	15.78	0.00	-0.86*	0.35S		0.054			

BPA2	AC	HHZ	40.8	229	126	P	68.26	9.25	9.24	0.00	0.01	1.21	0.166	1.00	55	4.06	D		
BPA2	AC	HHN	40.8	229	126	S	75.13	16.12	16.17	0.00	-0.05	1.21S	0.617						
TIR	AC	HHZ	42.9	347	124	P	68.75	9.74	9.51	0.00	0.23	1.21	0.325	1.00	46	3.89	D		
TIR	AC	HHE	42.9	347	124	S	75.61	16.60	16.64	0.00	-0.04	1.21S	0.597						
TIR	AC	HHN	42.9	347	124		60.00	0.99	9.51	0.00		0.00	0.000	1.00		17	.21	3.46	L
KBN	AC	HHZ	78.1	119	106	P	73.27	14.26	14.45	0.00	-0.19	1.21	0.250						
KBN	AC	HHE	78.1	119	106	S	84.19	25.18	25.29	0.00	-0.11	1.21S	0.456						
KBN	AC	HHN	78.1	119	106		60.00	0.99	14.45	0.00		0.00	0.000	1.00		33	.50	4.11	L
LSK	AC	HHZ	105.1	150	99	P	76.64	17.63	18.53	0.00	-0.90*	0.28	0.009						
LSK	AC	HHN	105.1	150	99	S	91.71	32.70	32.43	0.00	0.27	1.21S	0.379						
LSK	AC	HHE	105.1	150	99		60.00	0.99	18.53	0.00		0.00	0.000	1.00		21	.54	4.11	L
SCTE	AC	HHZ	162.2	233	66	P	85.84	26.83	26.77	0.00	0.06	1.21	0.338						
SCTE	AC	HHN	162.2	233	66	S	105.82	46.81	46.85	0.00	-0.04	1.21S	0.597						
NOCI	AC	HHZ	246.9	267	58	P	96.21	37.20	38.08	0.00	-0.88*	0.32	0.036						
SGRT	AC	HHZ	363.8	286	58	P	111.08	52.07	53.55	0.00	-1.48*	0.00	0.000						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	09	05	0807	6.52	40 56.82	20E 1.65	16.29	0.16	0.50	1.39	1.66	2.44	1.7

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
13	19	40.0	Atl	134	8	0	9	4	11		2.00	0.04	L	2.00	0.07	D

1 5 SEP 2017, 8:07 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.41 1 80>-< 0.50 108 2>-< 0.48 197 8>

REGION= 7 Km J të Cerrikut, Rajoni Elbasanit (7 Km S of Cerriku, 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			
BPA1	AC	HHZ		40.0	232	104	P		14.51	7.99	7.76	0.00	0.23	1.00		0.212	1.00	13	2.37	D		
BPA1	AC	HHN		40.0	232	104	S		19.93	13.41	13.58	0.00	-0.17	1.00S		0.611						
BPA2	AC	HHZ		42.1	236	103	P		14.65	8.13	8.09	0.00	0.04	1.00		0.199	1.00	15	2.50	D		
BPA2	AC	HHE		42.1	236	103	S		21.57	15.05	14.16	0.00	0.89*	0.00S		0.000						
TIR	AC	HHZ		46.5	344	101	P		15.16	8.64	8.83	0.00	-0.19	1.00		0.334						
TIR	AC	HHN		46.5	344	101	S		22.04	15.52	15.45	0.00	0.07	1.00S		0.652						
TIR	AC	HHE		46.5	344	101		6	0.00	-6.52	8.83	0.00		0.00		0.000	1.00		0.34	.23	1.69	L
KBN	AC	HHN		73.5	118	94	S		29.88	23.36	23.31	0.00	0.05	1.00S		0.753						
LSK	AC	HHZ		100.9	151	71	P		24.24	17.72	17.85	0.00	-0.13	1.00		0.373						
LSK	AC	HHE		100.9	151	71	S		38.61	32.09	31.24	0.00	0.85*	0.00S		0.000						
SCTE	AC	HHZ		163.6	235	71	P		34.65	28.13	27.86	0.00	0.27	0.97		0.251						
SCTE	AC	HHN		163.6	235	71	S		55.18	48.66	48.75	0.00	-0.09	1.00S		0.612						
SCTE	AC	HHE		163.6	235	71		6	0.00	-6.52	27.86	0.00		0.00		0.000	1.00		0.03	.25	1.62	L

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-09-05 1533 43.07 40 58.09 20E 1.15 30.65 0.13 0.89 1.24 1.75 2.42 1.8

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
10 15 41.0 At1 168 14 0 8 3 10 1.00 0.00 L 3.00 0.00 D

1 5 SEP 2017, 15:33 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 1.53 287 54>-< 0.81 99 35>-< 0.51 191 4>

REGION= 6 Km J të Cerrikut, Rajoni Elbasanit (6 Km S of Cerriku, 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	
BPA1	AC	HHZ		41.0	229	119	P		52.08	9.01	8.78	0.00	0.23	1.00		0.146	1.00	11	2.42	D			
BPA1	AC	HHN		41.0	229	119	S		58.43	15.36	15.36	0.00	0.00	1.00S		0.415							
BPA2	AC	HHZ		42.9	233	117	P		52.20	9.13	9.04	0.00	0.09	1.00		0.140	1.00	11	2.42	D			
BPA2	AC	HHN		42.9	233	117	S		58.73	15.66	15.82	0.00	-0.16	1.00S		0.400							
TIR	AC	HHZ		44.1	343	116	P		52.40	9.33	9.21	0.00	0.12	1.00		0.348	1.00	16	2.78	D			
TIR	AC	HHN		44.1	343	116		6	0.00	-43.07	9.21	0.00		0.00		0.000	1.00			0.35	.15	1.75	L
							S		59.06	15.99	16.12	0.00	-0.13	1.00S		0.674							
KBN	AC	HHN		75.3	120	98	S		66.17	23.10	24.18	0.00	-1.09*	0.00S		0.000							
LSK	AC	HHZ		103.3	151	91	P		61.12	18.05	18.15	0.00	-0.10	1.00		0.919							
SCTE	AC	HHZ		164.5	234	66	P		70.45	27.38	27.44	0.00	-0.06	1.00		0.954							
SCTE	AC	HHE		164.5	234	66	S		89.21	46.14	48.02	0.00	-1.88*	0.00S		0.000							

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-09-05 2313 11.64 40 57.59 20E 1.19 24.44 0.17 0.77 18.64 1.50 2.19 1.8

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
10 15 40.4 At1 135 9 0 9 4 10 - 2.00 0.28 L 4.00 0.06 D

1 5 SEP 2017, 23:13 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 18.64 0 90>-< 0.77 298 0>-< 0.46 27 0>

REGION= 9 Km J-L të Cerrikut, Rajoni Elbasanit (9 Km S-E of Cerriku, 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	
BPA1	AC	HHZ		40.4	230	90	P		19.94	8.30	8.01	0.00	0.29	0.82		0.089	1.00	9	2.13	D			
BPA1	AC	HHN		40.4	230	90	S		25.63	13.99	14.02	0.00	-0.03	1.05S		0.270							
BPA2	AC	HHZ		42.4	234	90	P		20.14	8.50	8.32	0.00	0.18	1.05		0.142	1.00	9	2.13	D			
BPA2	AC	HHE		42.4	234	90	S		26.20	14.56	14.56	0.00	0.00	1.05S		0.275							
TIR	AC	HHZ		45.0	344	90	P		20.63	8.99	8.74	0.00	0.25	0.95		0.360	1.00	10	2.24	D			
TIR	AC	HHN		45.0	344	90		6	0.00	-11.64	8.74	0.00		0.00		0.014	1.00			0.11	.41	1.22	L

					S	26.78	15.14	15.30	0.00	-0.16	1.05S	0.726								
KBN	AC	HHZ	74.8	119	90	P	25.05	13.41	13.49	0.00	-0.08	1.05	0.916	1.00	15	2.63	D			
KBN	AC	HHN	74.8	119	90		6	0.00	-11.64	13.49	0.00	0.00	0.000	1.00			0.18	.68	1.78	L
						S	33.83	22.19	23.61	0.00	-1.42*	0.00S	0.000							
SCTE	AC	HHZ	164.0	234	90	P	39.10	27.46	27.72	0.00	-0.26	0.92	0.930							
SCTE	AC	HHN	164.0	234	90	S	60.06	48.42	48.51	0.00	-0.09	1.05S	0.275							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	09	06	0113	3.30	41 35.29	20E 9.33	26.24	0.11	2.03	0.78	1.85	2.75	1.9

													SOURCE			
NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
7	10	36.1	Atl	290	14	0	6	3	7		2.00	0.31	L	2.00	0.24	D

1 6 SEP 2017, 1:13 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.04 189 0>-< 0.79 101 80>-< 0.62 279 9>

REGION= 11 Km V-P të Buqizes, Rajoni Buqizes (11 Km N-W of Buqiza, Buqiza 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		36.1	223	119	P		10.36	7.06	7.75	0.00	-0.69*	0.37		0.109	1.00	13	2.51	D			
TIR	AC	HHN		36.1	223	119		6	0.00	-3.30	7.75	0.00	0.00	0.00		0.000	1.00			0.26	.36	1.54	L
							S		16.88	13.58	13.56	0.00	0.02	1.13S		0.911							
BPA2	AC	HHZ		105.4	206	95	P		21.84	18.54	18.43	0.00	0.11	1.13		0.329							
KBN	AC	HHZ		119.5	153	94	P		23.99	20.69	20.68	0.00	0.01	1.13		0.724	1.00	21	2.98	D			
KBN	AC	HHN		119.5	153	94		6	0.00	-3.30	20.68	0.00	0.00	0.00		0.000	1.00			0.201	.08	2.16	L
							S		39.46	36.16	36.19	0.00	-0.03	1.13S		0.958							
SCTE	AC	HHZ		220.0	221	56	P		37.09	33.79	35.38	0.00	-1.59*	0.00		0.000							
SCTE	AC	HHE		220.0	221	56	S		65.19	61.89	61.92	0.00	-0.03	1.13S		0.965							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	09	06	0931	11.40	41 58.19	20E21.18	0.01	0.05	4.60	4.76	3.43	3.77	3.5

													SOURCE			
NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
10	15	80.2	Atl	295	6	0	10	5	10	#	3.00	0.27	L	3.00	0.25	D

1 6 SEP 2017, 9:31 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 6.63 350 45>-< 0.64 182 43>-< 0.53 87 5>

REGION= 13 Km J-P të Kukësit, Rajoni Kukësit (13 Km S-W of Kukësi, Kukësi Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
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TIR	AC	HHN	80.2	211	51	6	0.00-11.40	15.04	0.00	0.00	0.000	1.00			3.9	.40	3.14	L	
						S	37.76	26.36	26.32	0.00	0.04	1.00S	0.682						
TIR	AC	HHZ	80.2	211	51	P	26.35	14.95	15.04	0.00	-0.09	1.00	0.346	1.00	62	3.77	D		
BPA1	AC	HHZ	150.2	204	51	P	38.55	27.15	27.08	0.00	0.07	1.00	0.283						
BPA1	AC	HHN	150.2	204	51	S	58.76	47.36	47.39	0.00	-0.03	1.00S	0.401						
KBN	AC	HHN	153.9	166	46	6	0.00-11.40	27.68	0.00	0.00	0.000	1.00			2.3	.51	3.43	L	
						S	59.86	48.46	48.44	0.00	0.02	1.00S	0.373						
KBN	AC	HHZ	153.9	166	46	P	39.04	27.64	27.68	0.00	-0.04	1.00	0.254	1.00	48	3.52	D		
FNA	AC	HHZ	157.6	146	46	P	39.66	28.26	28.28	0.00	-0.02	1.00	0.371						
FNA	AC	HHN	157.6	146	46	S	60.92	49.52	49.49	0.00	0.03	1.00S	0.701						
LSK	AC	HHN	203.2	174	46	6	60.00	48.60	35.54	0.00	0.00	0.000	1.00			2.1	.81	3.70	L
						S	73.54	62.14	62.19	0.00	-0.06	1.00S	0.350						
LSK	AC	HHZ	203.2	174	46	P	47.03	35.63	35.54	0.00	0.09	1.00	0.235	1.00	91	4.14	D		

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017-09-09	1940	16.97	40	34.84	19E56.23	7.09	0.21	2.19	8.79	2.10	2.58	2.1

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
6	9	28.6	At1	186	11	0	5	2	6	-	1.00	0.00	L	3.00	0.35	D

1 9 SEP 2017, 19:40 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 99.00 242 86>-< 82.33 36 3>-< 3.41 125 1>

REGION= 9 Km J të Beratit, Rajoni Beratit (9 Km S of Berati, Berati Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
BPA1	AC	HHZ	28.6	304	93	P	24.17	7.20	5.54	0.00	0.16	1.00	0.623	1.00	18	2.58	D		
BPA1	AC	HHN	28.6	304	93	S	25.79	8.82	9.69	0.00	-0.08	1.00S	0.876						
BPA2	AC	HHZ	31.6	302	92	P	24.56	7.59	6.07	0.00	0.22	1.00	0.623	1.00	26	2.93	D		
BPA2	AC	HHN	31.6	302	92	S	26.18	9.21	10.62	0.00	-0.31	1.00S	0.876						
LSK	AC	HHZ	73.8	130	90	P	29.44	12.47	13.33	0.00	-0.46	1.00	1.000	1.00	3	0.85	D		
LSK	AC	HHN	73.8	130	90	6	0.00-16.97	13.33	0.00	0.00	0.000	1.00				0.411	1.00	2.10	L
						S	29.17	12.20	23.33	0.00	-0.13	0.00S	0.000						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017-09-10	0434	43.95	40	8.44	20E30.47	15.12	0.07	0.80	0.51	2.14	2.48	2.1

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
8	11	7.8	At1	146	8	0	7	3	8		2.00	0.70	L	2.00	0.08	D

1 10 SEP 2017, 4:34 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 0.95 127 32>-< 0.59 325 56>-< 0.33 223 7>

REGION= 7 Km P të Leskovikut, Rajoni Leskovikut (7 Km W of Leskoviku, Leskoviku Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG	T	AMP	PER	W-XMAG	T
LSK	AC	HHZ		7.8	82	150	P		47.23	3.28	3.12	0.00	0.16	0.69		0.138	1.00	14	2.40	D				
LSK	AC	HHN		7.8	82	150		6	0.00	-43.95	3.12	0.00		0.00		0.000	1.00				10	.51	2.84	L
							S		49.35	5.40	5.46	0.00	-0.06	1.06S		0.859								
SRN	AC	HHZ		52.1	237	96	P		53.56	9.61	9.72	0.00	-0.11	1.03		0.297	1.00	16	2.55	D				
SRN	AC	HHN		52.1	237	96		6	60.00	16.05	9.72	0.00		0.00		0.000	1.00				0.17	.60	1.44	L
							S		61.02	17.07	17.01	0.00	0.06	1.06S		0.685								
KBN	AC	HHZ		58.6	23	94	P		54.78	10.83	10.82	0.00	0.01	1.06		0.460								
IGT	AC	HHZ		69.3	193	92	P		57.15	13.20	12.61	0.00	0.49	0.00		0.000								
IGT	AC	HHN		69.3	193	92	S		66.02	22.07	22.07	0.00	0.00	1.06S		0.915								
FNA	AC	HHZ		102.9	45	71	P		62.18	18.23	18.23	0.00	0.00	1.06		0.644								

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG		
2017	09	10	0809	52.81	40	5.89	20E22.51	23.42	0.22	1.12	21.90	2.13	2.35	2.1

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS	-AVH	N.XMG	-XMMAD	-T	N.FMG	-FMMAD	-T	L	F	X
11	15	19.9	At1	175	11	0	9	4	10	-		2.00	0.12	L	2.00	0.05	D			

1 10 SEP 2017, 8:09 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 21.90 0 90>-< 1.12 137 0>-< 0.42 47 0>

REGION= 24 Km L të Gjirokastres, Rajoni Gjirokastres (24 Km E of Gjirokastra, Gjirokastra Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG	T	AMP	PER	W-XMAG	T
LSK	AC	HHZ		19.9	73	90	P		57.54	4.73	4.74	0.00	-0.01	1.11		0.209	1.00	11	2.30	D				
LSK	AC	HHN		19.9	73	90		6	60.00	7.19	4.74	0.00		0.00		1.000	1.00				1.6	.37	2.25	L
							S		61.49	8.68	8.30	0.00	0.39	1.10S		0.402								
SRN	AC	HHZ		40.1	233	90	P		60.97	8.16	7.97	0.00	0.19	1.11		0.361	1.00	12	2.40	D				
SRN	AC	HHE		40.1	233	90	S		66.77	13.96	13.95	0.00	0.01	1.11S		0.556								
SRN	AC	HHN		40.1	233	90		6	60.00	7.19	7.97	0.00		0.00		0.000	1.00				0.76	.46	2.01	L
IGT	AC	HHZ		63.0	184	90	P		64.37	11.56	11.62	0.00	-0.06	1.11		0.183								
IGT	AC	HHN		63.0	184	90	S		72.93	20.12	20.33	0.00	-0.21	1.11S		0.545								
FNA	AC	HHZ		114.4	48	90	P		71.72	18.91	19.81	0.00	-0.90*	0.13		0.004								
FNA	AC	HHE		114.4	48	90	S		87.12	34.31	34.67	0.00	-0.36	1.11S		0.514								
LKD2	AC	HHZ		147.4	170	90	P		77.92	25.11	25.07	0.00	0.04	1.11		0.223								
SCTE	AC	HHZ		162.6	270	90	P		78.35	25.54	27.50	0.00	-0.96*	0.00		0.000								

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-09-10 0819 50.53 40 5.55 20E23.18 20.33 0.10 0.69 15.14 2.14 2.27 2.1

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
10 14 19.2 At1 136 7 0 8 3 10 - 2.00 0.10 L 2.00 0.01 D

1 10 SEP 2017, 8:19 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 15.14 0 90>-< 0.69 135 0>-< 0.37 45 0>

REGION= 24 Km L të Gjirokastres, Rajoni Gjirokastres (24 Km E of Gjirokastra, Gjirokastra Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
LSK	AC	HHZ		19.2	70	90	P		55.09	4.56	4.63	0.00	-0.07	1.00		0.379	1.00	11	2.26	D		
LSK	AC	HHN		19.2	70	90		6	0.00-50.53	4.63	0.00			0.00		0.000	1.00			1.7	.36	2.23 L
							S		59.43	8.90	8.10	0.00	0.80*	0.00S		0.000						
SRN	AC	HHZ		40.5	235	90	P		58.78	8.25	8.03	0.00	0.22	0.97		0.488	1.00	11	2.27	D		
SRN	AC	HHE		40.5	235	90		6	60.00	9.47	8.03	0.00		0.00		0.089	1.00			0.83	.25	2.04 L
							S		64.50	13.97	14.05	0.00	-0.08	1.00S		0.893						
IGT	AC	HHZ		62.5	185	90	P		62.17	11.64	11.53	0.00	0.11	1.00		0.206						
IGT	AC	HHN		62.5	185	90	S		70.62	20.09	20.18	0.00	-0.09	1.00S		0.508						
FNA	AC	HHZ		114.1	47	90	P		69.55	19.02	19.76	0.00	-0.74*	0.00		0.000						
FNA	AC	HHN		114.1	47	90	S		85.13	34.60	34.58	0.00	0.02	1.00S		0.636						
LKD2	AC	HHZ		146.6	170	90	P		75.52	24.99	24.95	0.00	0.04	1.00		0.254						
SCTE	AC	HHZ		163.6	271	90	P		78.12	27.59	27.66	0.00	-0.07	1.00		0.542						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-09-10 2149 21.37 41 47.50 20E14.51 20.35 0.09 0.62 14.57 2.15 2.70 2.2

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
9 13 58.5 At1 151 8 0 7 4 8 - 3.00 0.26 L 2.00 0.14 D

1 10 SEP 2017, 21:49 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 14.57 0 90>-< 0.62 256 0>-< 0.32 346 0>

REGION= Fushe-Lurë, 19 Km V-P të Peshkopisë, Rajoni Peshkopisë (Fushe-Lure, 19 Km N-W of Peshkopia, Peshkopia Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
TIR	AC	HHZ		58.5	213	90	P		32.42	11.05	10.89	0.00	0.16	0.78		0.186	1.00	15	2.56	D		
TIR	AC	HHE		58.5	213	90		6	0.00-21.37	10.89	0.00			0.00		1.000	1.00			0.38	.23	1.89 L
							S		40.37	19.00	19.06	0.00	-0.06	1.05S		0.771						
BCI	AC	HHZ		65.5	348	90	P		33.25	11.88	12.01	0.00	-0.13	1.00		0.333	1.00	20	2.84	D		
BCI	AC	HHE		65.5	348	90		6	0.00-21.37	12.01	0.00			0.00		0.000	1.00			0.55	.47	2.15 L

						S	42.42	21.05	21.02	0.00	0.03	1.05S	0.636							
KBN	AC	HHZ	137.5	160	90	P	46.48	25.11	23.50	0.00	0.61*	0.00	0.000							
KBN	AC	HHE	137.5	160	90	S	62.42	41.05	41.13	0.00	-0.08	1.05S	0.322							
KBN	AC	HHN	137.5	160	90		6	60.00	38.63	23.50	0.00	0.00	0.000	1.00			0.33	.47	2.50	L
FNA	AC	HHZ	147.4	139	90	P	46.56	25.19	25.08	0.00	0.11	1.03	0.244							
FNA	AC	HHN	147.4	139	90	S	65.23	43.86	43.89	0.00	-0.03	1.05S	0.503							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	09	11	0028	20.33	40 56.39	20E 1.32	1.20	0.19	13.51	9.83	1.79	1.8

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	39.1	Atl	249	9	0	5	3	6	-	0.00	0.00	L	1.00	0.00	D

1 11 SEP 2017, 0:28 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 16.71 109 36>-< 1.78 283 53>-< 0.60 17 2>

REGION= Belshi, Rajoni Elbasanit (Belshi, 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	
BPA1	AC	HHZ		39.1	233	51	P		27.96	7.63	7.82	0.00	-0.19	1.00		0.623	1.00	8	1.79	D
BPA1	AC	HHN		39.1	233	51	S		34.26	13.93	13.68	0.00	0.24	1.00S		0.876				
BPA2	AC	HHZ		41.2	236	51	P		28.69	8.36	8.18	0.00	0.18	1.00		0.623				
BPA2	AC	HHN		41.2	236	51	S		34.40	14.07	14.31	0.00	-0.25	1.00S		0.876				
TIR	AC	HHZ		47.2	344	51	P		28.54	8.21	9.20	0.00	-0.99*	0.00		0.000				
TIR	AC	HHE		47.2	344	51	S		36.44	16.11	16.10	0.00	0.01	1.00S		1.000				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	09	13	1237	26.95	40 9.95	20E13.09	0.05	0.26	0.81	1.50	2.08	2.38	2.4

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
12	18	32.5	Atl	192	8	0	11	6	12	#	3.00	0.21	L	3.00	0.22	D

1 13 SEP 2017, 12:37 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.62 298 67>-< 0.88 119 22>-< 0.40 210 0>

REGION= 8 Km V-L të Gjirokastrës, Rajoni Gjirokastrës (8 Km N-E of Gjirokastra, Gjirokastra Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
LSK	AC	HHZ		32.5	93	61	P		33.19	6.24	6.70	0.00	-0.46	0.98		0.310	1.00	12	2.18	D		
LSK	AC	HHN		32.5	93	61		6	0.00	-26.95	6.70	0.00		0.00		0.000	1.00		3.7	.54	2.55	L
							S		38.64	11.69	11.72	0.00	-0.03	1.18S		0.669						





FNA AC HHE 146.6 90 51 S 97.82 46.05 45.97 0.00 0.08 1.14S 0.476

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-09-14 1439 57.19 41 9.37 19E52.85 6.03 0.70 1.32 3.37 2.98 2.93 3.0

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
19 28 21.3 At1 151 7 0 18 9 18 # 3.00 0.08 L 4.00 0.21 D

1 14 SEP 2017, 14:39 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 3.40 309 82>-< 1.33 94 5>-< 0.83 183 4>

REGION= 18 Km J të Tiranës, Rajoni Tiranës (18 Km S of Tirana, Tirana Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	-W-FMAG-T	AMP	-PER-W-XMAG-T
TIR	AC	HHZ		21.3	357	61	P		62.30	5.11	4.54	0.00	0.57*	1.09		0.273	1.00	18	2.56	D	
TIR	AC	HHE		21.3	357	61	S		65.93	8.74	7.94	0.00	0.80*	1.09S		0.380					
TIR	AC	HHN		21.3	357	61		6	60.00	2.81	4.54	0.00		0.00		0.000	1.00		13	.75	2.98 L
BPA1	AC	HHZ		51.7	202	51	P		66.94	9.75	10.14	0.00	-0.39	1.09		0.162	1.00	24	2.85	D	
BPA1	AC	HHN		51.7	202	51	S		75.61	18.42	17.74	0.00	0.68*	1.09S		0.281					
BPA2	AC	HHZ		52.2	206	51	P		66.94	9.75	10.23	0.00	-0.48	1.09		0.166					
BPA2	AC	HHE		52.2	206	51	S		76.18	18.99	17.90	0.00	0.09*	0.87S		0.194					
VLO	AC	HHZ		83.0	204	51	P		72.39	15.20	15.52	0.00	-0.32	1.09		0.164	1.00	37	3.27	D	
VLO	AC	HHN		83.0	204	51	S		85.04	27.85	27.16	0.00	0.69*	1.09S		0.292					
KBN	AC	HHZ		96.6	127	51	P		76.09	18.90	17.86	0.00	0.04*	0.93		0.142	1.00	28	3.00	D	
KBN	AC	HHN		96.6	127	51		6	60.00	2.81	17.86	0.00		0.00		0.000	1.00		1.7	.57	2.90 L
							S		88.73	31.54	31.25	0.00	0.28	1.09S		0.298					
LSK	AC	HHZ		127.2	151	51	P		79.07	21.88	23.11	0.00	-1.23*	0.68		0.064					
LSK	AC	HHE		127.2	151	51	S		98.47	41.28	40.44	0.00	0.84*	1.08S		0.209					
FNA	AC	HHZ		133.2	107	51	P		81.00	23.81	24.14	0.00	-0.33	1.09		0.216					
FNA	AC	HHN		133.2	107	51	S		99.95	42.76	42.24	0.00	0.51*	1.09S		0.369					
BCI	AC	HHZ		135.3	6	51	P		80.70	23.51	24.51	0.00	-0.00*	0.97		0.143					
BCI	AC	HHN		135.3	6	51		6	60.00	2.81	24.51	0.00		0.00		0.000	1.00		1.4	.50	3.09 L
							S		99.80	42.61	42.89	0.00	-0.28	1.09S		0.474					
SRN	AC	HHZ		142.1	175	51	P		81.89	24.70	25.67	0.00	-0.97*	1.00		0.125					
SRN	AC	HHN		142.1	175	51	S		100.76	43.57	44.92	0.00	-1.35*	0.50S		0.040					

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-09-16 2145 13.44 40 52.92 19E43.72 15.44 0.30 0.67 1.02 1.96 2.45 2.4

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
19 28 18.7 At1 141 10 0 17 9 19 4.00 0.24 L 4.00 0.14 D

1 16 SEP 2017, 21:45 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.09 286 69>-< 0.70 138 17>-< 0.47 45 9>

REGION= 6 Km J-L të Lushnjes, Rajoni Lushnjes (6 Km S-E of Lushnja, Lushnja Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T		
BPA1	AC	HHZ		18.7	200	124	P		18.20	4.76	4.42	0.00	0.34	1.04		0.127	1.00	11	2.18	D				
BPA1	AC	HHE		18.7	200	124	S		20.80	7.36	7.74	0.00	-0.38	1.03S		0.314								
BPA2	AC	HHZ		19.3	209	123	P		18.28	4.84	4.50	0.00	0.34	1.04		0.126	1.00	13	2.34	D				
BPA2	AC	HHE		19.3	209	123	S		21.16	7.72	7.88	0.00	-0.15	1.04S		0.296								
VLO	AC	HHZ		50.0	204	98	P		23.20	9.76	9.37	0.00	0.39	1.02		0.084	1.00	17	2.61	D				
VLO	AC	HHE		50.0	204	98	P	6	0.00	-13.44	9.37	0.00		0.00		0.000	1.00				2.0	.37	2.49	L
							S		30.15	16.71	16.40	0.00	0.31	1.04S		0.167								
TIR	AC	HHZ		53.0	12	97	P		23.10	9.66	9.87	0.00	-0.21	1.04		0.286	1.00	16	2.55	D				
TIR	AC	HHE		53.0	12	97	P	6	0.00	-13.44	9.87	0.00		0.00		0.000	1.00				0.20	.28	1.53	L
							S		30.73	17.29	17.27	0.00	0.02	1.04S		0.539								
KBN	AC	HHZ		93.9	107	91	P		30.04	16.60	16.74	0.00	-0.14	1.04		0.132								
KBN	AC	HHN		93.9	107	91	P	6	0.00	-13.44	16.74	0.00		0.00		0.000	1.00				0.18	.41	1.92	L
							S		42.29	28.85	29.30	0.00	-0.44	0.97S		0.300								
LSK	AC	HHZ		109.8	137	71	P		32.45	19.01	19.31	0.00	-0.30	1.04		0.120								
SRN	AC	HHZ		113.6	168	71	P		34.41	20.97	19.93	0.00	1.04*	0.00		0.000								
SRN	AC	HHE		113.6	168	71	P	6	0.00	-13.44	19.93	0.00		0.00		0.000	1.00				0.15	.46	1.99	L
							S		48.45	35.01	34.88	0.00	0.13	1.04S		0.287								
SCTE	AC	HHZ		139.3	231	71	P		37.38	23.94	24.02	0.00	-0.08	1.04		0.234								
SCTE	AC	HHN		139.3	231	71	S		55.10	41.66	42.03	0.00	-0.37	1.03S		0.482								
FNA	AC	HHZ		140.0	94	71	P		37.91	24.47	24.15	0.00	0.32	1.04		0.140								
FNA	AC	HHE		140.0	94	71	S		56.02	42.58	42.26	0.00	0.32	1.04S		0.301								
IGT	AC	HHZ		158.5	160	71	P		41.67	28.23	27.08	0.00	1.15*	0.00		0.000								
IGT	AC	HHE		158.5	160	71	S		60.16	46.72	47.39	0.00	-0.47	0.46S		0.058								

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-09-16 2358 33.87 41 12.61 20E17.09 2.82 0.21 0.96 2.80 1.65 2.39 1.7

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
11	16	38.4	At1	182	16	0	9	5	11		2.00	0.16	L 2.00 0.13 D

1 16 SEP 2017, 23:58 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.88 29 76>-< 0.99 219 13>-< 0.45 129 2>

REGION= Librazhd, Rajoni Elbasanit (Librazhd, 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	38.4	294	62	P	41.61	7.74	7.50	0.00	0.24	1.01	0.436	1.00	13	2.26	D				
TIR	AC	HHN	38.4	294	62		6	0.00-33.87	7.50	0.00		0.00	0.000	1.00				0.28	.14	1.49	L
						S		46.81	12.94	13.13	0.00	-0.19	1.01S	0.782							
KBN	AC	HHZ	77.7	146	62	P	48.16	14.29	14.26	0.00	0.03	1.01	0.330	1.00	17	2.52	D				
KBN	AC	HHE	77.7	146	62		6	0.00-33.87	14.26	0.00		0.00	0.000	1.00				0.19	.30	1.80	L
						S		58.80	24.93	24.95	0.00	-0.02	1.01S	0.236							
FNA	AC	HHZ	104.0	116	62	P	52.75	18.88	18.78	0.00	0.10	1.01	0.374								
FNA	AC	HHN	104.0	116	62	S	66.68	32.81	32.86	0.00	-0.05	1.01S	0.754								
LSK	AC	HHZ	120.7	167	62	P	56.84	22.97	21.65	0.00	1.32*	0.00	0.000								
LSK	AC	HHN	120.7	167	62	S	71.55	37.68	37.89	0.00	-0.21	1.01S	0.359								
SRN	AC	HHZ	149.7	190	55	P	61.70	27.83	26.62	0.00	1.21*	0.00	0.000								
IGT	AC	HHZ	186.4	178	55	P	65.97	32.10	32.48	0.00	-0.38	0.97	0.250								
IGT	AC	HHE	186.4	178	55	S	91.08	57.21	56.84	0.00	0.37	0.97S	0.475								

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YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG		
2017	09	18	1647	11.22	40	4.42	19E59.06	12.93	0.26	0.83	1.67	4.05	4.04	4.1

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
20	29	21.5	At1	95	11	0	18	7	20		4.00	0.17	L	6.00	0.28	D

1 18 SEP 2017, 16:47 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.68 121 83>-< 0.83 232 2>-< 0.63 323 5>

REGION= Fush-Bardhë, Rajoni Gjirokastrës (Fush-Bardha, Gjirokastra Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
SRN	AC	HHZ		21.5	176	115	P	15.67	4.45	4.63	0.00	-0.18	1.11	0.233	1.00	59	3.76	D				
SRN	AC	HHN		21.5	176	115		6	0.00-11.22	4.63	0.00		0.00	0.000	1.00				259	.28	4.34	L
							S		18.35	7.13	8.10	0.00	-0.27	0.80S	0.274							
LSK	AC	HHZ		53.0	80	99	P	20.80	9.58	9.84	0.00	-0.26	1.11	0.151	1.00	104	4.32	D				
LSK	AC	HHN		53.0	80	99		6	0.00-11.22	9.84	0.00		0.00	0.000	1.00				51	.93	3.92	L
							S		28.57	17.35	17.22	0.00	0.13	1.11S	0.343							
VLO	AC	HHZ		60.4	317	97	P	22.90	11.68	11.09	0.00	0.19	1.11	0.186	1.00	47	3.55	D				
VLO	AC	HHN		60.4	317	97	S	31.32	20.10	19.41	0.00	0.29	1.08S	0.362								
IGT	AC	HHZ		67.1	153	96	P	23.51	12.29	12.23	0.00	0.06	1.11	0.128								
IGT	AC	HHN		67.1	153	96	S	33.17	21.95	21.40	0.00	0.25	1.11S	0.256								
BPA1	AC	HHZ		77.3	339	95	P	24.31	13.09	13.97	0.00	-0.38	0.92	0.117	1.00	116	4.42	D				
BPA1	AC	HHN		77.3	339	95	S	37.14	25.92	24.45	0.00	0.47	0.09S	0.002								
KBN	AC	HHN		91.6	47	78	P	27.06	15.84	16.38	0.00	-0.24	1.11	0.149	1.00	103	4.31	D				
KBN	AC	HHE		91.6	47	78		6	0.00-11.22	16.38	0.00		0.00	0.000	1.00				16	.74	3.85	L
							S		40.97	29.75	28.66	0.00	0.08	0.62S	0.115							
SCTE	AC	HHZ		129.3	271	68	P	33.78	22.56	22.58	0.00	-0.02	1.11	0.176								

SCTE	AC	HHN	129.3	271	68	S	50.26	39.04	39.51	0.00	-0.47	1.11S	0.410								
TIR	AC	HHZ	141.8	356	68	P	35.92	24.70	24.57	0.00	0.13	1.11	0.143	1.00	59	3.77	D				
TIR	AC	HHN	141.8	356	68		0.00	-11.22	24.57	0.00		0.00	0.000	1.00				15	.60	4.17	L
						S	51.44	40.22	43.00	0.00	-0.38	0.00S	0.000								
FNA	AC	HHZ	142.4	56	68	P	35.57	24.35	24.67	0.00	-0.32	1.11	0.169								
LKD2	AC	HHZ	154.0	157	68	P	38.22	27.00	26.51	0.00	0.49	1.11	0.159								
LKD2	AC	HHN	154.0	157	68	S	57.63	46.41	46.39	0.00	0.02	1.11S	0.412								
BCI	AC	HHZ	254.7	1	50	P	52.53	41.31	41.27	0.00	0.04	1.11	0.206								

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG			
2017	09	18	1648	58.16	40	4.10	20E	0.40	4.36	0.09	7.06	4.42	2.79	2.81	2.8

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
6	9	20.9	At1	224	11	0	5	2	6	-	2.00	0.12	L	3.00	0.12	D

1 18 SEP 2017, 16:49 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 16.06 252 63>-< 1.51 128 15>-< 0.45 32 20>

REGION= Fush-Bardhë, Rajoni Gjirokastrës (Fush-Bardha, Gjirokastra Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T				
SRN	AC	HHZ		20.9	182	97	P	62.67	4.51	4.29	0.00	0.22	1.00		0.623	1.00	20	2.67	D				
SRN	AC	HHN		20.9	182	97		60.00	1.84	4.29	0.00		0.00		0.000	1.00			11	.23	2.91	L	
							S	65.49	7.33	7.51	0.00	-0.18	1.00S		0.876								
LSK	AC	HHZ		51.3	79	62	P	67.84	9.68	9.59	0.00	0.09	1.00		0.623	1.00	26	2.93	D				
LSK	AC	HHN		51.3	79	62	S	74.94	16.78	16.78	0.00	0.00	1.00S		0.876								
KBN	AC	HHZ		90.6	46	62	P	74.33	16.17	16.34	0.00	-0.17	1.00		1.000	1.00	23	2.81	D				
KBN	AC	HHN		90.6	46	62		60.00	1.84	16.34	0.00		0.00		0.000	1.00				1.1	.46	2.67	L
							S	82.52	24.36	28.60	0.00	-0.24	0.00S		0.000								

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG			
2017	09	18	1744	7.92	40	8.50	19E	57.16	6.36	0.11	0.65	14.43	2.32	2.90	2.4

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
10	14	29.3	At1	166	11	0	8	4	9	-	2.00	1.94	L	2.00	0.44	D

1 18 SEP 2017, 17:44 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 14.43 213 89>-< 0.65 82 0>-< 0.32 353 0>

REGION= Zhulat, Rajoni Gjirokastrës (Zhulat, Gjirokastra Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T				
SRN	AC	HHN		29.3	171	91		6	0.00	-7.92	5.68	0.00		0.00		0.000	1.00	25	2.89				
							S		18.05	10.13	9.94	0.00	0.19	1.02S		0.737				2.8	.37	2.40	L
SRN	AC	HHZ		29.3	171	91	P		13.58	5.66	5.68	0.00	-0.02	1.09		0.295	1.00	16	2.46	D			
LSK	AC	HHN		55.1	88	90		6	0.00	-7.92	10.09	0.00		0.00		0.000	1.00			0.35	.01	0.00	L
BPA1	AC	HHZ		69.3	339	90	P		20.56	12.64	12.54	0.00	0.10	1.09		0.412							
BPA2	AC	HHE		71.2	337	90	S		30.13	22.21	22.52	0.00	-0.31	0.44S		0.125							
BPA2	AC	HHZ		71.2	337	90	P		20.77	12.85	12.87	0.00	-0.02	1.09		0.426							
IGT	AC	HHN		75.0	154	90	S		31.46	23.54	23.66	0.00	-0.12	1.09S		0.645							
IGT	AC	HHZ		75.0	154	90	P		21.34	13.42	13.52	0.00	-0.10	1.09		0.357							
KBN	AC	HHN		88.8	52	90		6	0.00	-7.92	15.89	0.00		0.00		0.000	1.00			0.41	.50	2.23	L
							S		35.77	27.85	27.81	0.00	0.04	1.09S		0.999							
KBN	AC	HHZ		88.8	52	90	P		24.45	16.53	15.89	0.00	0.64*	0.00		0.000	1.00	39	3.33	D			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	09	19	1902	45.58	40 58.68	19E53.88	14.14	0.17	0.48	1.91	2.22	2.50 2.5

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
15	21	34.9	At1	136	8	0	12	6	14		4.00 0.19 L	4.00 0.14 D	

1 19 SEP 2017, 19:02 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.97 285 75>-< 0.48 151 10>-< 0.33 59 9>

REGION= Belshi, Rajoni Elbasanit (Belshi, 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				
BPA1	AC	HHZ		34.9	216	102	P		52.64	7.06	6.84	0.00	0.22	1.16		0.143	1.00	13	2.33	D			
BPA1	AC	HHN		34.9	216	102	S		57.39	11.81	11.97	0.00	-0.16	1.16S		0.305							
BPA2	AC	HHZ		36.2	221	101	P		52.74	7.16	7.06	0.00	0.10	1.16		0.145	1.00	14	2.40	D			
BPA2	AC	HHN		36.2	221	101	S		57.58	12.00	12.35	0.00	-0.35	1.07S		0.232							
TIR	AC	HHZ		41.1	357	98	P		54.53	8.95	7.87	0.00	0.28	1.16		0.000	1.00	17	2.59	D			
TIR	AC	HHN		41.1	357	98		6	0.00	-45.58	7.87	0.00		0.00		0.000	1.00			0.58	.60	1.86	L
							S		59.38	13.80	13.77	0.00	0.03	1.16S		0.911							
VLO	AC	HHZ		66.0	212	90	P		58.21	12.63	12.04	0.00	0.49	0.33		0.014	1.00	23	2.88	D			
VLO	AC	HHE		66.0	212	90		6	60.00	14.42	12.04	0.00		0.00		0.000	1.00			2.9	.37	2.86	L
							S		66.78	21.20	21.07	0.00	0.13	1.16S		0.351							
KBN	AC	HHZ		84.7	117	90	P		60.77	15.19	15.19	0.00	0.00	1.16		0.226							
KBN	AC	HHE		84.7	117	90		6	60.00	14.42	15.19	0.00		0.00		0.000	1.00			0.43	.37	2.22	L
							S		72.31	26.73	26.58	0.00	0.15	1.16S		0.665							
FNA	AC	HHZ		127.1	99	71	P		67.60	22.02	22.15	0.00	-0.13	1.16		0.231							
FNA	AC	HHN		127.1	99	71	S		84.17	38.59	38.76	0.00	-0.17	1.16S		0.453							
SCTE	AC	HHZ		157.1	231	71	P		71.74	26.16	26.93	0.00	-0.77*	0.00		0.000							
SCTE	AC	HHE		157.1	231	71		6	60.00	14.42	26.93	0.00		0.00		0.000	1.00			0.13	.30	2.21	L

IGT AC HHZ 164.8 166 71 P 73.90 28.32 28.16 0.00 0.16 1.16 0.318

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-09-20 1442 37.63 40 53.63 20E13.08 2.81 0.05 1.50 1.19 1.66 1.7

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
8 12 51.1 At1 205 14 0 7 3 8 - 0.00 0.00 L 2.00 0.09 D

1 20 SEP 2017, 14:42 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 13.19 0 90>-< 1.50 179 0>-< 0.30 89 0>

REGION= Gramshi, Rajoni Elbasanit (Gramshi, 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	
BPA1	AC	HHZ		51.1	249	90	P		47.33	9.70	9.71	0.00	-0.01	1.00		0.273	1.00	5	1.57	D			
BPA1	AC	HHN		51.1	249	90	S		55.22	17.59	16.99	0.00	0.60*	0.00S		1.000							
BPA2	AC	HHZ		53.7	251	90	P		47.72	10.09	10.14	0.00	-0.05	1.00		0.288	1.00	6	1.75	D			
BPA2	AC	HHN		53.7	251	90	S		55.43	17.80	17.74	0.00	0.06	1.00S		0.505							
KBN	AC	HHZ		56.7	121	90	P		48.18	10.55	10.61	0.00	-0.06	1.00		0.199							
KBN	AC	HHN		56.7	121	90	S		56.18	18.55	18.57	0.00	-0.02	1.00S		0.827							
FNA	AC	HHZ		99.1	96	90	P		54.96	17.33	17.37	0.00	-0.04	1.00		0.427							
FNA	AC	HHN		99.1	96	90	S		68.11	30.48	30.40	0.00	0.08	1.00S		0.478							

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-09-20 1939 23.90 40 1.23 19E52.24 4.03 0.70 1.48 0.81 2.60 2.90 2.6

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
15 22 59.1 At1 131 7 0 14 7 14 # 3.00 0.02 L 1.00 0.00 D

1 20 SEP 2017, 19:39 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 3.83 182 84>-< 1.48 50 3>-< 1.20 319 3>

REGION= 4 km J te Beratit, Rajoni Beratit (4 km S of Berati, Berati Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T		
VLO	AC	HHZ		59.1	328	51	P		35.18	11.28	11.41	0.00	-0.13	1.08		0.173	1.00	27	2.96	D				
VLO	AC	HHE		59.1	328	51		6	0.00	-23.90	11.41	0.00		0.00		0.000	1.00				5.8	.20	3.05	L
							S		44.69	20.79	19.97	0.00	0.82*	1.07S		0.273								
IGT	AC	HHZ		67.0	143	51	P		36.68	12.78	12.78	0.00	0.00	1.08		0.383								
IGT	AC	HHE		67.0	143	51	S		47.33	23.43	22.36	0.00	0.06*	0.87S		0.594								
BPA1	AC	HHZ		80.1	347	51	P		39.26	15.36	15.02	0.00	0.34	1.08		0.168								

BPA1	AC	HHE	80.1	347	51	S	51.05	27.15	26.28	0.00	0.86*	1.05S	0.250						
BPA2	AC	HHZ	81.6	345	51	P	39.70	15.80	15.29	0.00	0.51*	1.08	0.167						
BPA2	AC	HHN	81.6	345	51	S	51.89	27.99	26.76	0.00	0.23*	0.64S	0.091						
KBN	AC	HHZ	102.7	49	51	P	41.95	18.05	18.91	0.00	-0.86*	1.05	0.230						
KBN	AC	HHN	102.7	49	51		6	0.00	-23.90	18.91	0.00		0.00	0.000	1.00		0.72	.51	2.58 L
						S		56.33	32.43	33.09	0.00	-0.66*	1.08S	0.498					
SCTE	AC	HHZ	119.8	274	51	P	45.20	21.30	21.84	0.00	-0.54*	1.08	0.293						
SCTE	AC	HHN	119.8	274	51	S	61.19	37.29	38.22	0.00	-0.93*	1.00S	0.557						
TIR	AC	HHZ	147.4	0	51	P	50.12	26.22	26.58	0.00	-0.36	1.08	0.175						
TIR	AC	HHE	147.4	0	51	S	69.27	45.37	46.51	0.00	-0.15*	0.76S	0.141						
TIR	AC	HHN	147.4	0	51		6	60.00	36.10	26.58	0.00		0.00	0.000	1.00		0.37	.46	2.60 L

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-09-21 0325 54.91 41 4.60 20E16.40 16.10 0.33 0.75 0.33 3.01 3.0

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
17 25 45.6 At1 156 18 0 15 7 16 3.00 0.19 L 0.00 0.00 D

1 21 SEP 2017, 3:25 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 1.45 21 66>-< 0.82 200 23>-< 0.53 291 0>

REGION= 4 km J te Librazhdit, Rajoni Elbasanit (4 km S of Librazhdi, Elbasani Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T	
TIR	AC	HHZ		45.6	312	117	P		64.03	9.12	9.52	0.00	-0.40	1.21		0.293				
TIR	AC	HHN		45.6	312	117		6	60.00	5.09	9.52	0.00		0.00		0.000	1.00	2.5	.40	2.61 L
							S		71.71	16.80	16.66	0.00	0.14	1.21S		0.552				
BPA1	AC	HHZ		65.2	234	106	P		67.48	12.57	12.33	0.00	0.24	1.21		0.130				
BPA1	AC	HHE		65.2	234	106	S		77.36	22.45	21.58	0.00	0.87*	0.47S		0.066				
KBN	AC	HHZ		66.4	139	105	P		67.07	12.16	12.52	0.00	-0.36	1.21		0.135				
KBN	AC	HHN		66.4	139	105	S		76.45	21.54	21.91	0.00	-0.37	1.21S		0.320				
BPA2	AC	HHZ		67.3	236	105	P		67.61	12.70	12.65	0.00	0.05	1.21		0.128				
BPA2	AC	HHE		67.3	236	105	S		76.84	21.93	22.14	0.00	-0.21	1.21S		0.425				
VLO	AC	HHZ		94.2	225	96	P		72.50	17.59	16.75	0.00	0.84*	0.55		0.024				
VLO	AC	HHN		94.2	225	96		6	60.00	5.09	16.75	0.00		0.00		0.000	1.00	3.2	.30	3.20 L
							S		85.38	30.47	29.31	0.00	0.16*	0.03S		0.000				
FNA	AC	HHZ		99.1	108	95	P		72.46	17.55	17.51	0.00	0.04	1.21		0.255				
FNA	AC	HHE		99.1	108	95	S		85.89	30.98	30.64	0.00	0.34	1.21S		0.399				
LSK	AC	HHZ		106.5	164	94	P		72.66	17.75	18.66	0.00	-0.91*	0.37		0.010				
LSK	AC	HHN		106.5	164	94	S		87.77	32.86	32.65	0.00	0.20	1.21S		0.318				
LSK	AC	HHE		106.5	164	94		6	60.00	5.09	18.66	0.00		0.00		0.000	1.00	1.7	.47	3.01 L
SCTE	AC	HHZ		188.8	235	58	P		86.07	31.16	30.75	0.00	0.41	1.21		0.314				
SCTE	AC	HHN		188.8	235	58	S		108.33	53.42	53.81	0.00	-0.39	1.21S		0.622				



YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-09-27 1929 13.06 41 18.50 20E 9.14 6.28 0.33 6.56 4.99 2.11 2.34 2.1

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 7 10 24.4 At1 198 21 0 6 3 7 - 1.00 0.00 L 2.00 0.24 D

1 27 SEP 2017, 19:29 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 99.00 343 89>-< 6.56 14 0>-< 3.11 285 0>

REGION= Shengjergj, 22 Km L të Tiranës, Rajoni Tiranës (Shengjergj, 22 Km E of Tirana, Tirana Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC (TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
TIR	AC	HHZ		24.4	281	91	P		17.55	4.49	4.83	0.00	-0.34	1.00	0.497	1.00	11	2.10 D
TIR	AC	HHN		24.4	281	91		6	0.00	-13.06	4.83	0.00		0.00	0.000	1.00		1.6 .14 2.11 L
							S		20.47	7.41	8.45	0.00	-0.04	1.00S	0.835			
BPA1	AC	HHZ		77.2	213	90	P		106.71	93.65	13.90	0.00	0.45	0.00	0.000			
BPA2	AC	HHZ		78.3	216	90	P		27.89	14.83	14.09	0.00	0.74	1.00	0.497	1.00	18	2.58 D
BPA2	AC	HHN		78.3	216	90	S		37.29	24.23	24.66	0.00	-0.43	1.00S	0.835			
FNA	AC	HHZ		118.9	119	90	P		36.58	23.52	21.06	0.00	0.16	1.00	0.497			
FNA	AC	HHN		118.9	119	90	S		47.47	34.41	36.85	0.00	-0.25	1.00S	0.835			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-09-28 1939 22.00 40 7.30 19E46.07 2.52 0.11 0.43 1.48 1.97 2.13 2.0

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 11 16 45.0 At1 116 11 0 9 5 11 2.00 0.28 L 2.00 0.34 D

1 28 SEP 2017, 19:39 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.49 252 84>-< 0.43 42 5>-< 0.27 132 2>

REGION= Pilur, 3 Km V-L të Himarës, Rajoni Vlorës (Pilur, 3 Km N-E of Himara, 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		45.0	330	62	P		30.77	8.77	8.66	0.00	0.11	1.11	0.387	1.00	16	2.46 D
VLO	AC	HHE		45.0	330	62		6	0.00	-22.00	8.66	0.00		0.00	0.000	1.00		1.4 .30 2.24 L
							S		37.06	15.06	15.15	0.00	-0.10	1.11S	0.478			
BPA2	AC	HHZ		68.8	350	62	P		33.77	11.77	12.75	0.00	-0.98*	0.00	0.000	1.00	8	1.79 D
IGT	AC	HHZ		81.3	143	62	P		36.69	14.69	14.91	0.00	-0.22	1.08	0.370			
IGT	AC	HHN		81.3	143	62	S		48.14	26.14	26.09	0.00	0.05	1.11S	0.328			
SCTE	AC	HHZ		110.9	268	62	P		41.96	19.96	19.99	0.00	-0.03	1.11	0.319			

SCTE	AC	HHN	110.9	268	62	6	0.00-22.00	19.99	0.00	0.00	0.000	1.00	0.08	.23	1.69	L
						S	57.04	35.04	34.98	0.00	0.06	1.11S	0.664			
FNA	AC	HHZ	155.5	61	55	P	49.07	27.07	27.57	0.00	-0.50	0.03	0.000			
FNA	AC	HHE	155.5	61	55	S	70.29	48.29	48.25	0.00	0.04	1.11S	0.712			
LKD2	AC	HHZ	166.6	152	55	P	51.54	29.54	29.35	0.00	0.19	1.11	0.237			
LKD2	AC	HHN	166.6	152	55	S	73.29	51.29	51.36	0.00	-0.07	1.11S	0.498			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	09	28	2133	47.04	39 52.39	20E 3.57	0.00	0.18	0.60	1.14	3.37	3.28 3.4

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
18	26	44.5	Atl	169	6	0	16	8	17	#	4.00	0.13 L	4.00 0.09 D

1 28 SEP 2017, 21:33 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.16 239 78>-< 0.61 70 11>-< 0.28 338 2>

REGION= Vrion, 4 Km L te Sarandes, Rajoni Sarandës (Vrion, 4 Km E of Saranda, Saranda Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
IGT	AC	HHZ		44.5	148	51	P	55.99	8.95	8.90	0.00	0.05	1.07			0.231			
IGT	AC	HHN		44.5	148	51	S	62.85	15.81	15.57	0.00	0.24	1.07S			0.391			
VLO	AC	HHZ		81.7	325	51	P	62.63	15.59	15.30	0.00	0.29	0.99			0.181	1.00	35	3.21 D
VLO	AC	HHN		81.7	325	51	6	60.00	12.96	15.30	0.00		0.00			0.000	1.00		13 .34 3.66 L
							S	74.13	27.09	26.77	0.00	0.32	0.93S			0.272			
BPA1	AC	HHZ		100.4	341	51	P	65.70	18.66	18.51	0.00	0.15	1.07			0.178	1.00	40	3.34 D
BPA1	AC	HHE		100.4	341	51	S	79.60	32.56	32.39	0.00	0.17	1.07S			0.220			
BPA2	AC	HHZ		102.3	339	51	P	66.01	18.97	18.83	0.00	0.14	1.07			0.181	1.00	42	3.39 D
BPA2	AC	HHE		102.3	339	51	S	80.11	33.07	32.95	0.00	0.12	1.07S			0.233			
KBN	AC	HHZ		103.8	36	51	P	66.14	19.10	19.10	0.00	0.00	1.07			0.267			
KBN	AC	HHE		103.8	36	51	6	60.00	12.96	19.10	0.00		0.00			0.000	1.00		5.6 .50 3.48 L
							S	80.41	33.37	33.42	0.00	-0.06	1.07S			0.398			
LKD2	AC	HHZ		131.0	156	51	P	71.06	24.02	23.76	0.00	0.26	1.04			0.224			
LKD2	AC	HHE		131.0	156	51	S	88.68	41.64	41.58	0.00	0.06	1.07S			0.436			
SCTE	AC	HHZ		137.8	280	51	P	70.77	23.73	24.94	0.00	-1.21*	0.00			0.000			
SCTE	AC	HHN		137.8	280	51	6	60.00	12.96	24.94	0.00		0.00			0.000	1.00		1.8 .37 3.23 L
FNA	AC	HHZ		151.1	47	51	P	73.78	26.74	27.23	0.00	-0.49	0.26			0.018			
FNA	AC	HHE		151.1	47	51	S	94.40	47.36	47.65	0.00	-0.29	0.98S			0.398			
TIR	AC	HHZ		164.6	355	46	P	76.45	29.41	29.38	0.00	0.03	1.07			0.130	1.00	32	3.13 D
TIR	AC	HHE		164.6	355	46	6	60.00	12.96	29.38	0.00		0.00			0.000	1.00		1.3 .47 3.25 L
							S	98.62	51.58	51.41	0.00	0.17	1.07S			0.235			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-09-30 1110 25.51 40 6.32 20E 4.06 0.00 0.24 1.03 2.37 2.93 3.23 3.0

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 12 18 67.5 At1 174 6 0 10 5 12 # 2.00 0.05 L 4.00 0.03 D

1 30 SEP 2017, 11:10 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.39 237 82>-< 1.03 76 6>-< 0.66 344 2>

REGION= Kardhiq, Rajoni Gjirokastrës (Kardhiq, Gjirokastra Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T	
IGT	AC	HHZ		67.5	160	51	P		38.72	13.21	12.87	0.00	0.34	1.01		0.397							
IGT	AC	HHN		67.5	160	51	S		48.34	22.83	22.52	0.00	0.31	1.01S		0.798							
BPA1	AC	HHZ		77.0	334	51	P		39.79	14.28	14.49	0.00	-0.21	1.01		0.312	1.00	35		3.21	D		
BPA1	AC	HHN		77.0	334	51	S		51.02	25.51	25.36	0.00	0.15	1.01S		0.540							
BPA2	AC	HHZ		79.2	332	51	P		38.29	12.78	14.86	0.00	-0.08	0.00		0.000	1.00	47		3.50	D		
BPA2	AC	HHN		79.2	332	51	S		53.37	27.86	26.00	0.00	0.25	0.00S		0.000							
KBN	AC	HHZ		84.0	46	51	P		40.73	15.22	15.69	0.00	-0.47	1.00		0.262	1.00	36		3.24	D		
KBN	AC	HHN		84.0	46	51		6	0.00	-25.51	15.69	0.00		0.00		0.000	1.00				2.5	.50	2.97 L
							S		53.05	27.54	27.46	0.00	0.08	1.01S		0.395							
FNA	AC	HHZ		134.6	55	51	P		49.95	24.44	24.38	0.00	0.06	1.01		0.280							
FNA	AC	HHN		134.6	55	51	S		68.55	43.04	42.66	0.00	0.37	1.01S		0.439							
TIR	AC	HHZ		139.0	353	51	P		50.14	24.63	25.15	0.00	-0.42	0.98		0.238	1.00	34		3.19	D		
TIR	AC	HHN		139.0	353	51		6	60.00	34.49	25.15	0.00		0.00		0.000	1.00				0.80	.34	2.88 L
							S		70.05	44.54	44.01	0.00	0.33	0.98S		0.334							

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

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-09-11 1620 20.44 39 23.44 21E22.15 15.91 0.47 2.40 1.55 4.42 4.4

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 12 0 13 6 15 0.00 0.00 L 6.00 0.08 D

1 11 SEP 2017, 16:20 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.40 136 1>-< 1.83 229 57>-< 1.48 46 32>

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		107.1	323	95	P		38.68	18.24	18.69	0.00	-0.45	1.20		0.202	1.00	89	4.37 D
LSK	AC	HHN		107.1	323	95	S		54.63	34.19	32.71	0.00	0.48*	0.06S		0.001			
SRN	AC	HHZ		129.5	296	94	P		42.06	21.62	22.25	0.00	-0.63*	1.19		0.294	1.00	106	4.53 D
SRN	AC	HHN		129.5	296	94	S		59.97	39.53	38.94	0.00	0.59*	1.20S		0.617			
KBN	AC	HHZ		145.6	341	93	P		45.43	24.99	24.82	0.00	0.17	1.20		0.244	1.00	89	4.37 D
KBN	AC	HHN		145.6	341	93	S		63.70	43.26	43.43	0.00	-0.17	1.20S		0.499			
FNA	AC	HHZ		154.4	0	76	P		45.05	24.61	26.23	0.00	-1.62*	0.01		0.000			
FNA	AC	HHN		154.4	0	76	S		66.49	46.05	45.90	0.00	0.15	1.20S		0.424			
VLO	AC	HHZ		200.0	308	56	P		54.31	33.87	32.76	0.00	0.11*	0.58		0.056			
VLO	AC	HHN		200.0	308	56	S		77.17	56.73	57.33	0.00	-0.60*	1.20S		0.432			
BPA1	AC	HHZ		208.0	316	56	P		54.41	33.97	33.82	0.00	0.15	1.20		0.211	1.00	136	4.77 D
TIR	AC	HHZ		252.1	331	56	P		60.51	40.07	39.65	0.00	0.42	1.20		0.199	1.00	77	4.23 D
TIR	AC	HHE		252.1	331	56	S		90.52	70.08	69.39	0.00	0.69*	1.17S		0.281			
BCI	AC	HHZ		348.2	343	56	P		72.88	52.44	52.37	0.00	0.07	1.20		0.241	1.00	99	4.47 D
BCI	AC	HHE		348.2	343	56	S		111.51	91.07	91.65	0.00	-0.58*	1.20S		0.291			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-09-13 2114 56.55 39 51.01 21E15.89 32.20 0.22 0.84 2.15 2.63 3.20 2.6

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 13 19 65.9 At1 200 8 0 11 6 13 3.00 0.03 L 3.00 0.04 D

1 13 SEP 2017, 21:14 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.18 297 80>-< 0.85 109 9>-< 0.47 201 1>

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		65.9	301	106	P		67.99	11.44	12.45	0.00	-1.01*	0.00		0.000	1.00	20	3.02 D			
LSK	AC	HHN		65.9	301	106		6	60.00	3.45	12.45	0.00		0.00		0.000	1.00			2.8	.34	2.91 L
							S		77.96	21.41	21.79	0.00	-0.38	1.10S		0.462						
IGT	AC	HHZ		87.7	247	98	P		71.53	14.98	15.75	0.00	-0.27	0.89		0.000						
IGT	AC	HHE		87.7	247	98	S		84.13	27.58	27.56	0.00	0.02	1.14S		0.309						
KBN	AC	HHZ		95.0	335	96	P		73.59	17.04	16.88	0.00	0.16	1.14		0.164	1.00	25	3.24 D			
KBN	AC	HHN		95.0	335	96		6	60.00	3.45	16.88	0.00		0.00		0.000	1.00			0.84	.74	2.63 L
							S		86.69	30.14	29.54	0.00	0.40	0.54S		0.073						
FNA	AC	HHZ		103.9	5	94	P		74.56	18.01	18.26	0.00	-0.25	1.14		0.309						
FNA	AC	HHN		103.9	5	94	S		88.67	32.12	31.95	0.00	0.16	1.14S		0.454						
SRN	AC	HHZ		108.2	273	94	P		75.62	19.07	18.92	0.00	0.15	1.14		0.111	1.00	24	3.20 D			
SRN	AC	HHN		108.2	273	94		6	60.00	3.45	18.92	0.00		0.00		0.000	1.00			0.63	.50	2.60 L
							S		89.80	33.25	33.11	0.00	0.14	1.14S		0.369						
LKD2	AC	HHZ		128.9	205	92	P		78.45	21.90	22.13	0.00	-0.23	1.14		0.357						
LKD2	AC	HHE		128.9	205	92	S		95.49	38.94	38.73	0.00	0.21	1.14S		0.527						
SCTE	AC	HHZ		240.3	277	58	P		93.94	37.39	37.55	0.00	-0.16	1.14		0.860						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	09	17	0102	34.89	39 57.08	20E37.20	1.26	0.26	0.69	1.35	2.94	3.0

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
19	26	22.1	At1	144	9	0	15	7	19		4.00	0.18 L	3.00 0.01 D

1 17 SEP 2017, 1:02 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.35 40 87>-< 0.69 106 0>-< 0.37 197 1>

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		22.1	356	61	P		39.44	4.55	4.57	0.00	-0.02	1.09		0.238	1.00	30	3.06 D			
LSK	AC	HHE		22.1	356	61		6	0.00	-34.89	4.57	0.00		0.00		0.000	1.00			26	.72	3.28 L
							S		43.70	8.81	8.00	0.00	0.41	0.69S		0.086						
IGT	AC	HHZ		52.8	209	51	P		43.89	9.00	10.17	0.00	-0.17	0.88		0.001						
IGT	AC	HHE		52.8	209	51	S		52.67	17.78	17.80	0.00	-0.02	1.09S		0.342						
SRN	AC	HHZ		53.6	262	51	P		45.28	10.39	10.29	0.00	0.10	1.09		0.216	1.00	30	3.07 D			
SRN	AC	HHE		53.6	262	51		6	0.00	-34.89	10.29	0.00		0.00		0.000	1.00			3.0	.72	2.69 L
							S		52.90	18.01	18.01	0.00	0.00	1.09S		0.465						
KBN	AC	HHZ		76.0	10	51	P		48.89	14.00	14.15	0.00	-0.15	1.09		0.149	1.00	39	3.32 D			
KBN	AC	HHN		76.0	10	51		6	0.00	-34.89	14.15	0.00		0.00		0.000	1.00			2.1	.74	2.83 L
							S		59.47	24.58	24.76	0.00	-0.18	1.09S		0.283						
VLO	AC	HHZ		111.7	302	51	P		56.52	21.63	20.27	0.00	1.36*	0.00		0.000						

FNA	AC	HHZ	112.7	34	51	P	54.81	19.92	20.46	0.00	-0.54*	1.07	0.206						
FNA	AC	HHN	112.7	34	51	S	71.05	36.16	35.81	0.00	0.35	1.09S	0.417						
BPA1	AC	HHZ	118.6	317	51	P	56.30	21.41	21.46	0.00	-0.05	1.09	0.168						
BPA2	AC	HHZ	121.3	316	51	P	56.89	22.00	21.93	0.00	0.07	1.09	0.170						
LKD2	AC	HHZ	129.1	178	51	P	58.25	23.36	23.27	0.00	0.09	1.09	0.308						
LKD2	AC	HHE	129.1	178	51	S	75.57	40.68	40.72	0.00	-0.04	1.09S	0.495						
TIR	AC	HHZ	167.7	338	46	P	66.15	31.26	29.70	0.00	0.56*	0.00	0.000						
TIR	AC	HHN	167.7	338	46	S	60.00	25.11	29.70	0.00		0.00	0.000	1.00			0.77	.95	3.05 L
						S	86.51	51.62	51.97	0.00	-0.36	1.09S	0.372						
SCTE	AC	HHZ	184.2	276	46	P	65.63	30.74	32.33	0.00	-1.59*	0.00	0.000						
BCI	AC	HHZ	272.2	351	37	P	80.19	45.30	45.04	0.00	0.26	1.09	0.078						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	09	17	1429	42.68	39 58.59	23E26.44	12.38	0.86	1.88	1.79	4.29	4.3

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X	SOURCE
16	24	196.2	At1	315	10	0	15	8	16		0.00	0.00 L	5.00 0.15 D	

1 17 SEP 2017, 14:29 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 7.57 91 49>-< 4.72 1 0>-< 3.26 271 40>

REGION= Det Egje (Agean Sea)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	-W-FMAG-T	AMP-PER-W-XMAG-T
FNA	AC	HHZ	196.2	298	68	P		75.63	32.95	33.29	0.00	-0.34	1.16	0.371	1.00	62	3.81	D		
FNA	AC	HHN	196.2	298	68	S		101.07	58.39	58.26	0.00	0.13	1.16S	0.789						
KBN	AC	HHZ	236.8	289	50	P		80.68	38.00	38.96	0.00	-0.96*	1.16	0.181	1.00	101	4.28	D		
KBN	AC	HHN	236.8	289	50	S		109.77	67.09	68.18	0.00	-1.09*	1.15S	0.151						
LSK	AC	HHZ	243.3	276	50	P		80.44	37.76	39.82	0.00	-2.06*	0.35	0.024	1.00	97	4.24	D		
LSK	AC	HHN	243.3	276	50	S		111.07	68.39	69.68	0.00	-1.29*	1.09S	0.222						
SRN	AC	HHZ	294.4	270	50	P		86.57	43.89	46.57	0.00	-2.68*	0.02	0.000	1.00	83	4.09	D		
SRN	AC	HHN	294.4	270	50	S		124.41	81.73	81.50	0.00	0.23	1.16S	0.368						
BPA1	AC	HHZ	332.2	286	50	P		94.81	52.13	51.57	0.00	0.56*	1.16	0.192						
BPA1	AC	HHE	332.2	286	50	S		133.91	91.23	90.25	0.00	0.98*	1.16S	0.158						
TIR	AC	HHZ	338.6	298	50	P		96.22	53.54	52.43	0.00	1.11*	1.15	0.175	1.00	82	4.08	D		
TIR	AC	HHN	338.6	298	50	S		134.36	91.68	91.75	0.00	-0.07	1.16S	0.209						
VLO	AC	HHZ	340.3	281	50	P		96.89	54.21	52.65	0.00	1.56*	0.87	0.124						
VLO	AC	HHE	340.3	281	50	S		136.34	93.66	92.14	0.00	1.52*	0.91S	0.116						
BCI	AC	HHZ	388.1	315	50	P		101.17	58.49	58.97	0.00	-0.48	1.16	0.305						
BCI	AC	HHE	388.1	315	50	S		145.94	103.26	103.20	0.00	0.06	1.16S	0.608						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-09-19 0807 8.71 38 46.70 22E35.96 0.05 1.18 28.47 19.21 3.55 3.6

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 8 12 213.3 At1 318 6 0 8 4 8 # 0.00 0.00 L 4.00 0.05 D

1 19 SEP 2017, 8:07 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 34.35 146 34>-< 7.45 242 5>-< 5.10 339 55>

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		213.3	294	46	P		45.80	37.09	37.15	0.00	-0.06	1.21		0.704	1.00	51	3.58 D
IGT	AC	HHN		213.3	294	46	S		70.66	61.95	65.01	0.00	-3.06*	0.47S		0.421			
LSK	AC	HHZ		229.9	313	37	P		48.25	39.54	39.65	0.00	-0.11	1.21		0.253	1.00	53	3.61 D
LSK	AC	HHE		229.9	313	37	S		81.33	72.62	69.39	0.00	3.23*	0.35S		0.046			
FNA	AC	HHZ		245.6	336	37	P		49.62	40.91	41.73	0.00	-0.82*	1.21		0.460	1.00	48	3.52 D
FNA	AC	HHE		245.6	336	37	S		80.38	71.67	73.03	0.00	-1.36*	1.21S		0.839			
SRN	AC	HHZ		255.3	300	37	P		52.01	43.30	43.02	0.00	0.28	1.21		0.461	1.00	46	3.48 D
SRN	AC	HHN		255.3	300	37	S		86.06	77.35	75.29	0.00	2.06*	1.12S		0.812			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-09-20 0649 59.59 41 10.92 20E56.98 5.79 0.16 0.78 1.97 2.71 2.92 2.7

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 12 17 57.5 At1 218 21 0 9 5 11 # 2.00 0.26 L 2.00 0.02 D

1 20 SEP 2017, 6:50 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.04 33 75>-< 0.81 227 14>-< 0.39 136 3>

REGION= Maqedomia (Macedoni)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
FNA	AC	HHZ		57.5	140	62	P		70.89	11.30	10.53	0.00	0.77*	0.08		0.003			
FNA	AC	HHN		57.5	140	62	S		77.95	18.36	18.43	0.00	-0.07	1.18S		0.969			
KBN	AC	HHZ		63.5	193	62	P		71.31	11.72	11.56	0.00	0.16	1.18		0.350	1.00	25	2.90 D
KBN	AC	HHE		63.5	193	62	S		79.65	20.06	20.23	0.00	-0.17	1.18S		0.316			
KBN	AC	HHN		63.5	193	62		6	60.00	0.41	11.56	0.00		0.00		0.000	1.00		4.1 .30 2.96 L
TIR	AC	HHZ		92.7	282	62	P		76.13	16.54	16.58	0.00	-0.04	1.18		0.460	1.00	26	2.93 D
TIR	AC	HHN		92.7	282	62		6	60.00	0.41	16.58	0.00		0.00		0.000	1.00		0.63 .15 2.45 L
							S		88.56	28.97	29.01	0.00	-0.05	1.18S		0.764			
LSK	AC	HHZ		118.4	195	62	P		80.46	20.87	20.99	0.00	-0.12	1.18		0.350			
LSK	AC	HHN		118.4	195	62	S		96.22	36.63	36.73	0.00	-0.10	1.18S		0.329			

IGT AC HHZ 190.7 197 55 P 93.03 33.44 32.83 0.00 0.61\* 0.49 0.031  
 IGT AC HHE 190.7 197 55 S 117.26 57.67 57.45 0.00 0.22 1.18S 0.423  
 LKD2 AC HHZ 266.9 186 43 P 102.18 42.59 43.67 0.00 -1.08\* 0.00 0.000

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-09-20 0840 3.89 38 21.72 22E54.98 0.02 0.71 21.83 15.50 4.02 4.0

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 8 11 202.5 At1 310 11 0 7 3 8 # 0.00 0.00 L 2.00 0.03 D

1 20 SEP 2017, 8:40 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 26.77 148 35>-< 3.39 50 11>-< 3.02 305 52>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
LKD2	AC	HHN		202.5	285	46	S		66.19	62.30	62.00	0.00	0.30	1.20S		0.856			
LKD2	AC	HHZ		202.5	285	46	P		38.71	34.82	35.43	0.00	-0.61*	1.20		0.450			
IGT	AC	HHN		259.1	301	37	S		79.96	76.07	76.18	0.00	-0.11	1.20S		0.832			
IGT	AC	HHZ		259.1	301	37	P		48.13	44.24	43.53	0.00	0.71*	1.20		0.481			
FNA	AC	HHN		299.2	335	37	S		89.03	85.14	85.45	0.00	-0.31	1.20S		0.853			
FNA	AC	HHZ		299.2	335	37	P		55.03	51.14	48.83	0.00	2.31*	0.01		0.000			
KBN	AC	HHZ		310.8	325	37	P		52.90	49.01	50.36	0.00	-1.35*	0.91		0.219	1.00	82	4.04 D
TIR	AC	HHZ		422.0	323	37	P		67.82	63.93	65.07	0.00	-1.14*	1.10		0.305	1.00	75	3.99 D

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
 2017-09-25 1640 26.22 40 12.79 20E43.71 4.10 0.18 0.75 0.88 2.15 2.34 2.2

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
 12 17 13.1 At1 164 11 0 11 5 12 3.00 0.21 L 3.00 0.06 D

1 25 SEP 2017, 16:40 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.16 297 49>-< 0.88 134 39>-< 0.30 37 7>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
LSK	AC	HHZ		13.1	238	102	P		29.34	3.12	2.79	0.00	0.33	0.91		0.300	1.00	11	2.09 D
LSK	AC	HHE		13.1	238	102		6	0.00	-26.22	2.79	0.00		0.00		0.000	1.00		17 .20 2.94 L
							S		30.88	4.66	4.88	0.00	-0.22	1.07S		0.606			
KBN	AC	HHZ		45.9	6	62	P		35.14	8.92	8.68	0.00	0.24	1.07		0.207	1.00	14	2.34 D



KBN	AC	HHN	45.9	6	62	6	0.00-26.22	8.68	0.00	0.00	0.000	1.00				0.66	.28	1.94	L
						S	41.28	15.06	15.19	0.00	-0.13	1.07S	0.557						
SRN	AC	HHZ	72.3	240	62	P	39.34	13.12	13.22	0.00	-0.10	1.07	0.137	1.00	15	2.40	D		
SRN	AC	HHE	72.3	240	62	6	0.00-26.22	13.22	0.00	0.00	0.000	1.00				0.47	.37	2.15	L
						S	49.39	23.17	23.13	0.00	0.04	1.07S	0.576						
IGT	AC	HHZ	83.0	205	62	P	41.06	14.84	15.06	0.00	-0.22	1.07	0.267						
IGT	AC	HHE	83.0	205	62	S	52.71	26.49	26.35	0.00	0.14	1.07S	0.557						
FNA	AC	HHZ	84.1	41	62	P	41.49	15.27	15.25	0.00	0.02	1.07	0.313						
FNA	AC	HHE	84.1	41	62	S	52.80	26.58	26.69	0.00	-0.11	1.07S	0.431						
LKD2	AC	HHZ	158.2	183	55	P	55.30	29.08	27.84	0.00	0.44	0.00	0.000						
SCTE	AC	HHZ	193.2	267	55	P	60.10	33.88	33.42	0.00	0.46	0.45	0.045						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG		
2017	09	25	2256	11.57	40	2.29	21E26.63	2.06	0.14	0.59	1.29	2.24	2.89	2.3

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
12	18	73.1	At1	210	9	0	11	6	12	#	3.00	0.03	L	3.00	0.00	D

1 25 SEP 2017, 22:56 SEQUENCE NO. 1, ID NO. 0  
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.35 99 72>-< 0.62 286 17>-< 0.34 195 1>

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		73.1	281	51	P		25.27	13.70	13.82	0.00	-0.12	1.08		0.333	1.00	25	2.89	D		
LSK	AC	HHN		73.1	281	51		6	0.00-11.57	13.82	0.00			0.00		0.000	1.00		0.58	.25	2.24	L
							S		35.95	24.38	24.18	0.00	0.20	1.06S		0.325						
FNA	AC	HHZ		82.7	357	51	P		27.02	15.45	15.47	0.00	-0.02	1.08		0.405						
FNA	AC	HHE		82.7	357	51	S		38.52	26.95	27.07	0.00	-0.12	1.08S		0.652						
KBN	AC	HHZ		85.7	320	51	P		27.90	16.33	15.97	0.00	0.36	0.35		0.033	1.00	21	2.72	D		
KBN	AC	HHN		85.7	320	51		6	0.00-11.57	15.97	0.00			0.00		0.000	1.00		0.48	.66	2.27	L
							S		39.56	27.99	27.95	0.00	0.04	1.08S		0.343						
IGT	AC	HHZ		110.8	240	51	P		31.64	20.07	20.29	0.00	-0.22	0.98		0.266						
IGT	AC	HHN		110.8	240	51	S		46.94	35.37	35.51	0.00	-0.14	1.08S		0.269						
SRN	AC	HHZ		124.6	263	51	P		34.93	23.36	22.66	0.00	0.70*	0.00		0.000	1.00	25	2.89	D		
SRN	AC	HHN		124.6	263	51		6	0.00-11.57	22.66	0.00			0.00		0.000	1.00		0.17	.30	2.11	L
							S		51.09	39.52	39.65	0.00	-0.13	1.08S		0.299						
LKD2	AC	HHZ		154.3	207	46	P		39.33	27.76	27.74	0.00	0.02	1.08		0.363						
LKD2	AC	HHE		154.3	207	46	S		60.26	48.69	48.54	0.00	0.15	1.08S		0.707						

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

2017-09-27 1725 17.89 40 41.20 21E36.37 25.06 0.32 9.69 6.13 3.76 4.23 4.2

SOURCE

NSTA NPBS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
15 22 21.6 At1 262 13 0 14 7 15 2.00 0.15 L 3.00 0.08 D

1 27 SEP 2017, 17:25 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 11.47 39 32>-< 6.62 287 30>-< 4.05 164 42>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
FNA	AC	HHZ		21.6	300	134	P		21.47	3.58	5.79	0.00	-0.21	1.10		0.324						
FNA	AC	HHN		21.6	300	134	S		25.69	7.80	10.13	0.00	-0.33	1.10S		0.497						
KBN	AC	HHZ		69.6	265	100	P		28.39	10.50	12.75	0.00	-0.25	1.10		0.112	1.00	72		4.15	D	
KBN	AC	HHN		69.6	265	100		6	0.00-17.89	12.75	0.00			0.00		0.000	1.00				27 .66	3.91 L
									38.69	20.80	22.31	0.00	-0.11	1.10S		0.542						
LSK	AC	HHZ		104.2	236	94	P		58.09	40.20	18.23	0.00	0.47	0.00		0.000						
TIR	AC	HHZ		163.8	298	92	P		45.42	27.53	27.71	0.00	-0.18	1.10		0.262	1.00	78		4.23	D	
TIR	AC	HHN		163.8	298	92		6	60.00	42.11	27.71	0.00		0.00		0.000	1.00				2.9 .72	3.61 L
									67.60	49.71	48.49	0.00	0.22	1.10S		0.340						
BPA1	AC	HHZ		164.9	273	76	P		45.61	27.72	27.87	0.00	-0.15	1.10		0.126						
BPA1	AC	HHN		164.9	273	76	S		64.77	46.88	48.77	0.00	-0.39	1.10S		0.275						
BPA2	AC	HHZ		168.0	273	62	P		40.06	22.17	28.35	0.00	-0.18	0.31		0.018	1.00	107		4.53	D	
BPA2	AC	HHN		168.0	273	62	S		69.63	51.74	49.61	0.00	0.13	1.10S		0.375						
IGT	AC	HHZ		168.2	221	62	P		46.05	28.16	28.38	0.00	-0.22	1.10		0.215						
IGT	AC	HHN		168.2	221	62	S		66.13	48.24	49.66	0.00	-0.42	1.10S		0.422						
LKD2	AC	HHZ		225.8	202	56	P		51.82	33.93	36.26	0.00	-0.33	1.10		0.363						
LKD2	AC	HHN		225.8	202	56	S		75.95	58.06	63.45	0.00	-0.40	0.55S		0.121						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG  
2017-09-28 1000 12.49 36 14.34 21E25.62 51.71 0.19 1.51 20.31 4.60 4.6

SOURCE

NSTA NPBS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X  
17 25 291.1 At1 316 10 0 14 7 16 - 1.00 0.00 L 0.00 0.00 D

1 28 SEP 2017, 10:00 SEQUENCE NO. 1, ID NO. 0  
ERROR ELLIPSE: <SERR AZ DIP>-< 20.31 0 90>-< 1.51 251 0>-< 1.30 341 0>

REGION= Deti Jon (Ionian sea)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
LKD2	AC	HHE		291.1	347	90	S		87.63	75.14	75.46	0.00	-0.32	1.04S		0.176						
LKD2	AC	HHZ		291.1	347	90	P		55.74	43.25	43.12	0.00	0.13	1.08		0.138						



Tärmete të largëta (Long distance earthquake)

Y	M	D	HM	Sec	Lat	Long	Dep	Net Nr	Rms Mag	Epicenter
2017-09-08			0449	21.2				8.1	Offshore	Chiapas, Mexico
GAP=					hor.err=		ver.err=			

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
SGRT	AC	iP		0502	32.09					
NOCI	AC	iP		0502	37.87					
SCTE	AC	iP		0502	44.72					
VLO	AC	iP		0502	47.66					
TIR	AC	iP		0502	48.42					
BPA1	AC	iP		0502	48.99					
SRN	AC	iP		0502	50.28					
BPA2	AC	iP		0502	50.52					
FNA	AC	iP		0502	50.71					
LSK	AC	iP		0502	51.16					
KBN	AC	iP		0502	51.45					
LKD2	AC	iP		0502	53.60					
THE	AC	iP		0502	59.35					

Y	M	D	HM	Sec	Lat	Long	Dep	Net Nr	Rms Mag	Epicenter
2017-09-19			1814	38.50				7.1	Puebla,	Mexico
GAP=					hor.err=		ver.err=			

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
SGRT	AC	iP		1827	54.08					
SCTE	AC	iP		1828	05.31					
TIR	AC	iP		1828	06.53					
BPA2	AC	iP		1828	07.03					
BPA1	AC	iP		1828	08.66					
FNA	AC	iP		1828	11.65					
KBN	AC	iP		1828	12.33					

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

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	09	15	018	00.36								TIR
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
TIR	SZ	IPG		018	00.36							
TIR	SE	ISG		018	12.06							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	09	17	1914	57.98								SRN
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
BPA1	SZ	IPG		1914	62.47							
BPA1	SE	ISG		1914	65.38							
BPA2	SZ	IPG		1914	62.74							
BPA2	SE	ISG		1914	66.76							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	09	18	1648	33.89								SRN
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
SRN	SZ	IPG		1648	33.89							
SRN	SE	ISG		1648	37.41							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
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2017 09 19 0647 48.89 SRN  
GAP= hor.err= ver.err=

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
LSK	SZ	IPG		0647	48.00					
LSK	SE	ISG		0647	49.30					

Y M D HM Sec Lat Long Dep Net Nr Rms Mag Epicenter

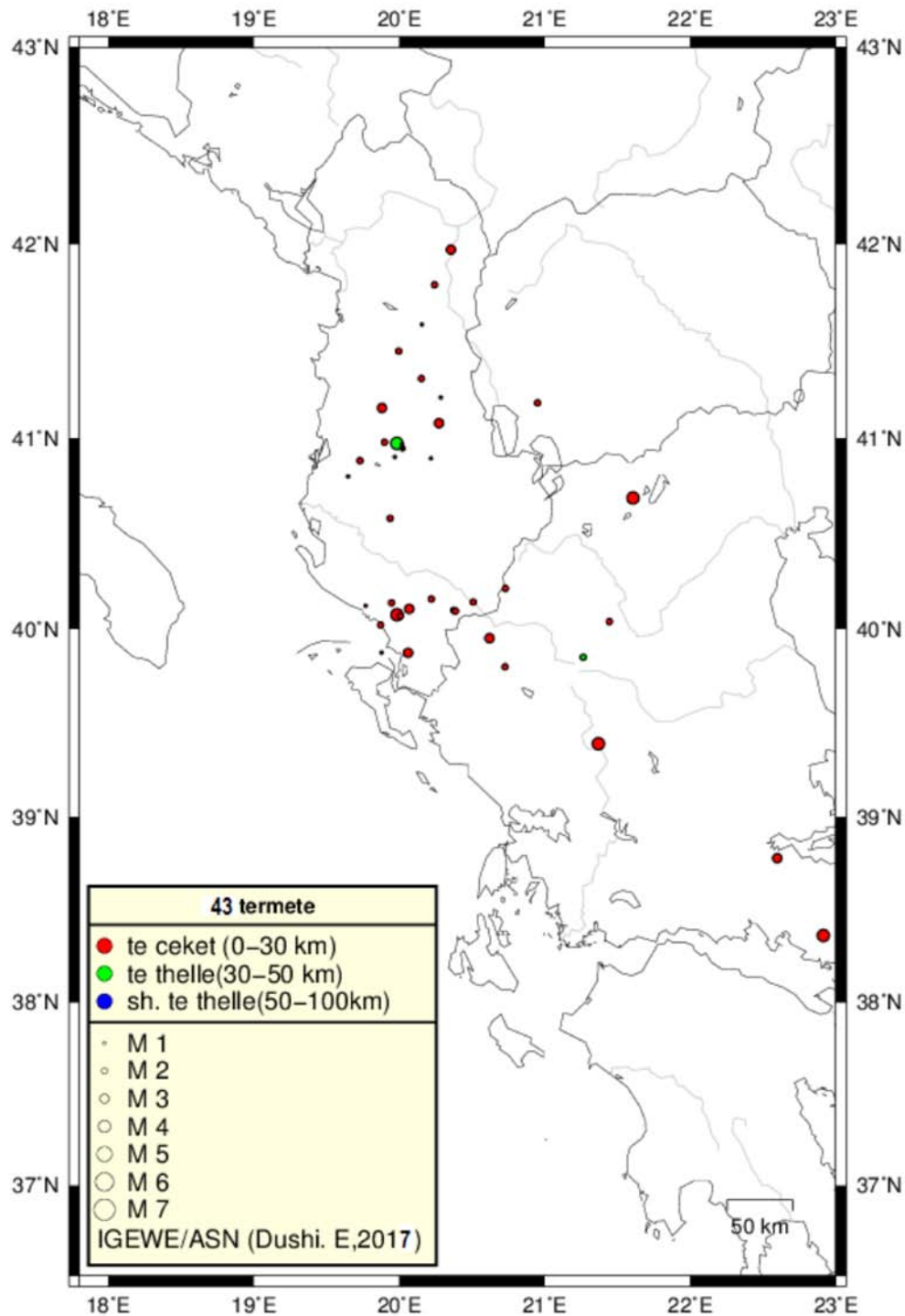
2017 09 19 0736 31.20 SRN  
GAP= hor.err= ver.err=

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
LSK	SZ	IPG		0736	31.20					
LSK	SE	ISG		0736	37.40					

Y M D HM Sec Lat Long Dep Net Nr Rms Mag Epicenter

2017 09 25 2048 5.95 SRN  
GAP= hor.err= ver.err=

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
BPA1	SZ	IPG		2048	9.11					
BPA1	SE	ISG		2048	11.66					
BPA2	SZ	IPG		2048	9.43					
BPA2	SE	ISG		2048	12.69					



**-Fig. 3 -**

Harta e shpërndarjes në hapësirë të epiqendrave, në përputhje me magnitudë (madhësia e simbolit) dhe thellësinë (ngjyra e simbolit); Ngjarjet janë lokalizuar gjatë muajit Shtator 2017, bazuar në regjistrimet e ASN dhe stacioneve sizmologjike në rajon.  
(*Epicentral map for located seismicity within Albania and surrounding during September 2017*)

## Statistika e ngjarjeve (Events Statistics)

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

Të dhënat përfaqësuese	Representative Parameters	Vlerat (observed values)
Numuri i përgjithshëm i ngjarjeve të regjistruara (kuandrat 39 <sup>o</sup> -43 <sup>o</sup> V; 18.5 <sup>o</sup> -21.5 <sup>o</sup> L)	[total recorded number of seismic events]	40
Numuri i ngjarjeve sizmike brenda kufirit shtetëror	[earthquakes occurred within state border]	33
Thellësia mesatare e vrojtuar (km)	[mean observed depth]	12
Thellësia maksimale e vrojtuar (km)	[maximum observed depth]	36
Magnituda lokale minimale e vrojtuar (M <sub>Ld</sub> )	[minimum observed local magnitude]	1.0
Magnituda lokale maksimale e vrojtuar (M <sub>Ld</sub> )	[maximum observed local magnitude]	4.0
Intensiteti maksimal i vrojtuar (MSK-64)	[maximum observed intensity]	V

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