

Universiteti Politeknik i Tiranës
Instituti i Gjeoshkencave, Energjisë, Ujit dhe Mjedisit
Departamenti i Sizmologjisë

Rr. "Don Bosko", Nr. 60
Kodi postar: 1024; Kutia postare: 219
Tirane
www.geo.edu.al
alert_tir@geo.edu.al
Tel. 042 250 601
Fax. 042 259 540

BULETINI SIZMOLOGJIK

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Përpiloi:

Prof. Dr. Rrapo ORMENI

Dr. Edmond DUSHI

Përgjegjësi i Departamentit

Prof. Asoc. Dr. Rrexhep KOCI

H Y R J E

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

T₀ – perioda vetjake e reagimit të sizmometrit (sensorit), mbi të cilën ai reagon linearisht si filtër i

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

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

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

Kodi	Regjistruar (Po/Jo)	Gjer. Gjeo.	Gjat. Gjeo.	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

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)
MRVN	Po (Y)	41.0609	16.1958	610	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
NOCI	Po (Y)	40.7888	17.0644	420	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
SCTE	Po (Y)	40.0724	18.4675	150	3C-BB	Trillium 40T, 120S	Libra VSAT	RT satellite	40/120
SGRT	Po (Y)	41.7546	15.7437	960	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
LKD2	Po (Y)	38.7889	20.6578	485	3C-BB	CMG-3ESP/100	Trident	RT	40
THE	Po (Y)	40.6319	22.9628	124	3C-BB	Trillium 120	Taurus	GPRS	120
NEST	Po (Y)	40.4147	21.0489	1056	3C-BB	Trillium 120	Taurus	GPRS	120
FNA	Po (Y)	40.7818	21.3835	750	3C-BB	CMG-3EPS/100	Trident	RT	40
IGT	Po (Y)	39.5315	20.3299	270	3C-BB	CMG-3EPS/100	HRD24	RT	40

C. Rrjeti Sizmologjik Ndhmës (Auxilliary Network Stations)

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

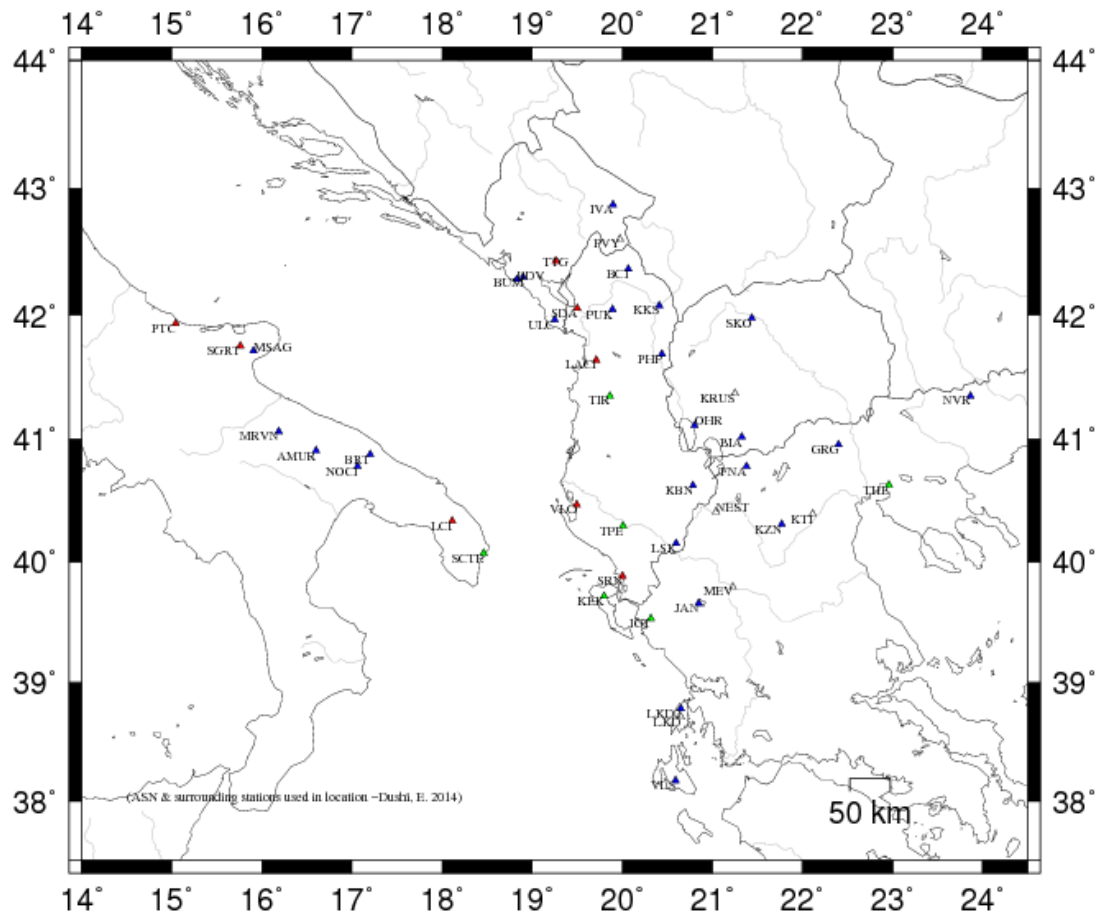
Kodi	Regjistruar (Po/Jo)	Gjer. Gjeo.	Gjat. Gjeo.	Lartesia	Tipi i stacionit	Sensori	Terheqja e Informacionit	Komunikimi	T ₀
Station Code	Registered (WDC)	Latitude (degree)	Longitude (degree)	Elev. (m)	Station type	Sensor type	Acquisition system	Communication	Nat.l Period (s)
MEV	Po (Y)	39.7850	21.2290	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.	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)
BRT	Po (Y)	40.8778	17.2036	333	#	#	#	#	#
AMUR	Po (Y)	40.9071	16.6041	443	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
MSAG	Po (Y)	41.712	15.9096	890	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40/120
PTC	Po (Y)	41.7546	15.7437	960	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
LCI	Po (Y)	40.33461	18.11197	46	#	#	#	#	#
OHR	Po (Y)	41.1114	20.7989	739	#	#	#	#	#
BIA	Po (Y)	41.0194	21.3239	720	#	#	#	#	#
KRUS	Po (Y)	41.3689	21.2488	1015	#	#	#	#	#
SKO	Po (Y)	41.9721	21.4396	346	#	#	#	#	#

Shënim:

Rrjeti plotësues (ndihmës) konsiston në stacionet sizmologjike të rajonit, të cilat janë pjesë e Rrjetit Sizmologjik Malazezë (MSO), atij Maqedonas (SKO), të Selanikut (AUTH), Athinës (NAO) dhe Institutit Kombëtar të Gjeofizikës dhe Vullkanologjisë në Romë

(INGV), dhe përdoren për përfshirjen manuale të leximeve të fazave sizmike në procesin e lokalizimit. (#) – është përdorur në rastin kur nuk njihet instrumentimi i stacioneve.



-Fig. 1-

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

Përshkrimi i terminologjisë së përdorur për parametrat e përfutur
(Output parameter’s description)

I. Informacioni gjithpërfshirës i kreut të ngjarjes (EVENT HEADER INFORMATION)

YEAR MO DA Data (viti, muaji, data) [Date]
 ORIGIN Koha (ora, minuta, sekonda) [Origine Time]
 LAT N Gjerësia gjeografike (gradë, minuta) [latitude in degree and minute]
 LON W Gjatësia gjeografike (gradë, minuta) [longitude in degree and minutes]
 DEPTH Thellësia vatrore (km) [hypocenter depth in km]
 RMS Shmangia kuadratike mesatare për diferencat e peshuara të kohë-udhëtimin, për Fazat Sizmike, [root mean squarre for the weighted travel time residuals]

ERH	Gabimi horizontal në lokalizim (përafërsisht aksi maksimal i elipsit të gabimit në epiqendrë), [<i>horizontal location error, approximately equal to the major epicenter's error ellipse</i>].
ERZ	Gabimi në thellësi, [<i>Defined as the largest projections of the three principal errors on a vertical line</i>].
XMAG	Magnituda primare bazuar në amplitudë [<i>Primary weighted median amplitude magnitude</i>].
FMAG	Magnituda primare bazuar në zgjatshmërinë e sinjalit [<i>Primary weighted median coda magnitude</i>].
PMAG	Magnituda e përzgjedhur si përfaqësuese, për ngjarjen e lokalizuar [<i>preferred magnitude selected by PRE command, as representative of available magnitudes ML and Md</i>].
NSTA	Numuri i stacioneve të përdorur në lokalizim [<i>the number of stations read for this event</i>].
NPHS	Numuri i fazave të përdorura [<i>Number of used phases in location</i>].
DMIN	Distanca hypoqender-stacioni më i afërt [<i>distance to the nearest station</i>].
MODEL	Modeli shpejtësior i përdorur [<i>velocity crustal model code</i>].
GAP	Shmangia maksimale, këndore, ndërmjet stacioneve të përdorur [<i>the largest azimuthal gap between azimuthally adjacent stations</i>].
ITR	Numri i iteracioneve për zgjidhje [<i>number of iterations required for the solution</i>].
NFM	Numri i hyrjeve të para P [<i>number of P first motions reported</i>].
NWR	Numri i fazave P & S me peshë statistikore > 0.1 [<i>number of P & 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; kodi (1 karakter) për të karakterizuar ngjarjen: F – e ndjerë (felt), Q/ B – shpërthime sipërfaqësore në karriera (quarry blasts), R/N – shpërthime në thellësi (explosions), T – vibrime (tremors) dhe L – kontraktimet me period të gjatë (long period tidal waves); # - problem me konvergimin e zgjidhjes së përfutur në mënyrë iterative [<i>convergence problems</i>], ose zgjidhje e pa pranueshme me RMS të lartë; (-) – tregon se thellësia është fiksuar [<i>fixed depth solution</i>]; X – lokalizimi i fiksuar për të rritur performancën në llogaritjen e thellësisë [<i>fixed location solution</i>].
AVH	Shënime për statusin [<i>status remarks</i>].
N.XMG	Numri i magnitudave bazuar në amplitudë [<i>number of primary amplitude based magnitudes</i>].
X.MMAD	Gabimi i bërë në vlerësimin e ML [<i>weighted median absolute difference for the primary amplitude magnitudes</i>].
T	Kodi i identifikimit për magnitudën XMAG1 [<i>label code for XMAG1</i>].
N.FMAG	Numri i magnitudave, bazuar në zgjatshmërinë e sinjalit [<i>number of primary coda magnitudes</i>].
FMMAD	Gabimi i bërë në vlerësimin e Md [<i>weighted median absolute difference for the primary coda magnitudes</i>].
T	Kodi i identifikimit për magnitudën FMAG1 [<i>label code for FMAG1</i>].

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

II. Informacioni parametrik i ngjarjes (EVENT PARAMETRIC DATA)

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

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

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

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

```

YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH  RMS  ERH  ERZ  XMAG  FMAG  PMAG
2016-12-03  0334 43.59  40 34.31  19E11.84  18.85  0.04  1.21  3.07  1.89  1.86  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
   8   12 102.8  Atl  254   8   0   6   4   8                2.00  0.08 L    2.00  0.84 D

1  3 DEC 2016,  3:34 SEQUENCE NO.    1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>--<  3.30 263 68>--<  1.30 82 21>--<  0.51 353 0>

```

REGION= Deti Adriatik (Adriatic Sea)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
SRN	AC	HHZ		102.8	138	63	P		61.90	18.31	17.47	0.00	0.44	0.00		0.000	1.00	22				2.70 D
SRN	AC	HHN		102.8	138	63	S		74.17	30.58	30.57	0.00	0.01	1.00S		0.890						
TIR	AC	HHZ		102.9	32	63	P		60.26	16.67	17.48	0.00	-0.41	0.00		0.000	1.00	3				1.02 D
TIR	AC	HHN		102.9	32	63		6	60.00	16.41	17.48	0.00		0.00		0.000	1.00					0.121.86 1.81 L
							S		74.17	30.58	30.59	0.00	-0.01	1.00S		0.987						
LSK	AC	HHZ		127.9	111	63	P		64.75	21.16	21.11	0.00	0.05	1.00		0.518						
LSK	AC	HHN		127.9	111	63	S		80.47	36.88	36.94	0.00	-0.06	1.00S		0.419						
KBN	AC	HHZ		134.7	87	63	P		65.62	22.03	22.09	0.00	-0.06	1.00		0.518						
KBN	AC	HHN		134.7	87	63		6	60.00	16.41	22.09	0.00		0.00		0.000	1.00					0.10 .75 1.96 L
							S		82.29	38.70	38.66	0.00	0.04	1.00S		0.666						

```

YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH  RMS  ERH  ERZ  XMAG  FMAG  PMAG
2016-12-03  0431 38.96  40 28.01  19E17.70  4.16  0.30  0.66  0.76  1.69  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
   15   22  17.0  Atl  164   7   0  14   7  15                3.00  0.05 L    4.00  0.13 D

1  3 DEC 2016,  4:31 SEQUENCE NO.    1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>--<  0.92 350 55>--<  0.79 152 32>--<  0.50 248 9>

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REGION= Deti Adriatik, 17 Km P të Vlorës, Rajoni Vlorës, (Adriatic Sea, 17km W of Vlora, Vlora Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
VLO	AC	HHZ		17.0	89	103	P		42.33	3.37	3.50	0.00	-0.13	1.13		0.334	1.00	21	2.39 D
VLO	AC	HHN		17.0	89	103	S		45.29	6.33	6.13	0.00	0.20	1.13S		0.534			
BPA2	AC	HHZ		40.1	43	61	P		46.02	7.06	7.59	0.00	-0.23	0.83		0.170	1.00	28	2.74 D
BPA1	AC	HHZ		41.8	46	61	P		45.96	7.00	7.88	0.00	-0.48	0.02		0.000			
BPA1	AC	HHE		41.8	46	61	S		53.19	14.23	13.79	0.00	0.44	1.04S		0.498			
SCTE	AC	HHZ		82.5	239	61	P		53.72	14.76	15.03	0.00	-0.27	1.13		0.348			
SCTE	AC	HHE		82.5	239	61		6	60.00	21.04	15.03	0.00		0.00		0.000	1.00		0.12 .31 1.64 L
							S		65.49	26.53	26.30	0.00	0.23	1.13S		0.552			
SRN	AC	HHZ		88.6	137	57	P		54.71	15.75	16.09	0.00	-0.34	1.13		0.119	1.00	36	3.00 D
SRN	AC	HHE		88.6	137	57		6	60.00	21.04	16.09	0.00		0.00		0.000	1.00		0.12 .50 1.69 L
							S		67.04	28.08	28.16	0.00	-0.08	1.13S		0.327			
LSK	AC	HHZ		116.3	107	53	P		59.98	21.02	20.65	0.00	0.37	1.12		0.079	1.00	30	2.87 D
LSK	AC	HHN		116.3	107	53		6	60.00	21.04	20.65	0.00		0.00		0.000	1.00		0.18 .50 2.08 L
							S		74.70	35.74	36.14	0.00	-0.40	1.10S		0.211			
IGT	AC	HHZ		136.4	139	46	P		62.90	23.94	23.65	0.00	0.29	1.13		0.096			
IGT	AC	HHN		136.4	139	46	S		80.54	41.58	41.39	0.00	0.19	1.13S		0.300			
FNA	AC	HHZ		180.2	78	39	P		69.15	30.19	29.62	0.00	0.57*	0.70		0.053			
FNA	AC	HHE		180.2	78	39	S		90.67	51.71	51.83	0.00	-0.13	1.13S		0.372			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	12	03	1932	17.44	40 36.45	20E56.84	2.00	0.29	6.30	2.10	1.97	2.33 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
9	13	13.7	At1	144	6	0	9	4	9	#	2.00	0.05 L	1.00 0.00 D

1 3 DEC 2016, 19:32 SEQUENCE NO. 1, ID NO. 0

REGION= Podgori, Rajoni Pogradecit (Podgori, Pogradeci Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
KBN	AC	HHZ		13.7	278	90	P		19.42	1.98	2.73	0.00	-0.45	1.16		0.434	1.00	20	2.33 D
KBN	AC	HHN		13.7	278	90		6	0.00	-17.44	2.73	0.00		0.00		0.000	1.00		1.6 .25 1.92 L
							S		22.69	5.25	4.78	0.00	0.47	1.16S		0.811			
FNA	AC	HHZ		41.7	62	61	P		24.55	7.11	8.26	0.00	-0.15	1.16		0.462			
FNA	AC	HHN		41.7	62	61	S		32.55	15.11	14.45	0.00	0.45	1.16S		0.788			
LSK	AC	HHN		58.8	211	61	P		30.80	13.36	11.27	0.00	0.39	0.58		0.186	1.00		0.55 .46 2.02 L
LSK	AC	HHE		58.8	211	61	S		34.97	17.53	19.72	0.00	-0.49	0.49S		0.122			
SRN	AC	HHZ		114.1	226	53	P		38.01	20.57	20.79	0.00	-0.22	1.16		0.211			
IGT	AC	HHZ		130.6	204	46	P		40.11	22.67	23.39	0.00	-0.42	1.16		0.296			
IGT	AC	HHN		130.6	204	46	S		60.01	42.57	40.93	0.00	0.34	0.99S		0.686			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2016-12-03 1934 23.87 40 48.41 20E45.60 3.88 0.46 1.56 2.17 1.97 2.19 2.0

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
 10 14 20.5 At1 129 22 0 8 4 9 # 3.00 0.08 L 2.00 0.26 D

1 3 DEC 2016, 19:34 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.67 150 54>-< 1.09 268 18>-< 0.86 8 29>

REGION= Podgori, Rajoni Pogradecit (Podgori, Pogradeci Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
KBN	AC	HHZ		20.5	173	100	P		28.30	4.43	4.16	0.00	0.27	1.11		0.465	1.00	12	1.93 D
KBN	AC	HHN		20.5	173	100		6	0.00-23.87	4.16	0.00			0.00		0.000	1.00		1.1 .28 1.89 L
							S		31.75 7.88 7.28	0.00	0.40	1.11S			0.513				
FNA	AC	HHZ		52.7	92	61	P		33.56	9.69	9.83	0.00	-0.14	1.11		0.312			
FNA	AC	HHN		52.7	92	61	S		40.93	17.06	17.20	0.00	-0.14	1.11S		0.818			
LSK	AC	HHZ		74.2	191	61	P		35.99	12.12	13.61	0.00	-0.49	0.32		0.016	1.00	19	2.45 D
LSK	AC	HHN		74.2	191	61		6	0.00-23.87	13.61	0.00			0.00		0.000	1.00		0.30 .37 1.97 L
SRN	AC	HHZ		121.5	213	50	P		44.46	20.59	21.50	0.00	-0.91*	1.02		0.204			
SRN	AC	HHE		121.5	213	50	S		61.58	37.71	37.63	0.00	0.08	1.11S		0.842			
BCI	AC	HHZ		182.6	342	39	P		56.41	32.54	29.97	0.00	0.57*	0.00		0.000			
BCI	AC	HHE		182.6	342	39		6	60.00	36.13	29.97	0.00		0.00		0.000	1.00		0.07 .30 2.10 L
							S		76.64	52.77	52.45	0.00	0.32	1.11S		0.825			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2016-12-04 0432 47.18 40 28.40 19E17.11 0.00 0.28 0.64 1.11 2.08 2.8 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
 16 23 17.8 At1 148 6 0 16 7 16 # 4.00 0.19 L 3.00 0.01 D

1 4 DEC 2016, 4:32 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.12 104 84>-< 0.64 335 3>-< 0.47 245 4>

REGION= 16Km P të Vlorës, Rajoni Vlorës (16Km W of Vlora, Vlora Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
VLO	AC	HHZ		17.8	91	90	P		50.54	3.36	3.56	0.00	-0.20	1.16		0.343	1.00	27	2.61 D
VLO	AC	HHN		17.8	91	90		6	0.00-47.18	3.56	0.00			0.00		0.000	1.00		20 .07 3.10 L
							S		53.58	6.40	6.23	0.00	0.17	1.16S		0.451			
BPA2	AC	HHZ		40.1	44	61	P		54.61	7.43	7.99	0.00	-0.46	0.69		0.079	1.00	32	2.86 D
BPA1	AC	HHZ		41.9	48	61	P		54.81	7.63	8.30	0.00	-0.27	0.34		0.017			

SCTE	AC	HHZ	82.2	238	61	P	62.52	15.34	15.37	0.00	-0.03	1.16	0.345							
SCTE	AC	HHE	82.2	238	61		60.00	12.82	15.37	0.00		0.00	0.000	1.00		0.15	.36	1.74	L	
						S	74.32	27.14	26.90	0.00	0.24	1.16S	0.548							
SRN	AC	HHZ	89.7	137	61	P	63.84	16.66	16.70	0.00	-0.04	1.16	0.138	1.00	30	2.85	D			
SRN	AC	HHN	89.7	137	61		60.00	12.82	16.70	0.00		0.00	0.000	1.00			0.27	.25	2.05	L
						S	76.56	29.38	29.22	0.00	0.15	1.16S	0.358							
TIR	AC	HHZ	108.7	26	53	P	67.58	20.40	19.92	0.00	0.48	0.97	0.183							
TIR	AC	HHE	108.7	26	53	S	82.31	35.13	34.86	0.00	0.27	1.16S	0.577							
LSK	AC	HHZ	117.3	107	53	P	68.04	20.86	21.31	0.00	-0.45	1.02	0.067							
LSK	AC	HHN	117.3	107	53	S	85.11	37.93	37.29	0.00	0.64*	0.46S	0.050							
KBN	AC	HHZ	128.3	82	50	P	70.05	22.87	23.06	0.00	-0.19	1.16	0.094							
KBN	AC	HHN	128.3	82	50		60.00	12.82	23.06	0.00		0.00	0.000	1.00			0.16	.57	2.11	L
						S	87.65	40.47	40.35	0.00	0.12	1.16S	0.341							
IGT	AC	HHZ	137.5	139	46	P	71.82	24.64	24.39	0.00	0.25	1.16	0.106							
IGT	AC	HHN	137.5	139	46	S	89.38	42.20	42.68	0.00	-0.48	0.94S	0.296							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	12	04	0434	42.61	40 26.35	19E 7.07	4.25	0.21	4.33	3.89	1.99	2.72 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
8	12	97.5	At1	305	8	0	7	3	8		2.00	0.05 L	2.00 0.17 D

1 4 DEC 2016, 4:34 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 5.83 269 41>-< 2.48 37 35>-< 1.66 150 27>

REGION= 26Km P të Vlorës, Rajoni Vlorës (26Km W of Vlora, Vlora Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
SRN	AC	HHZ		97.5	129	57	P		60.47	17.86	17.59	0.00	0.27	1.09		0.589	1.00	21	2.55 D
SRN	AC	HHN		97.5	129	57		6	60.00	17.39	17.59	0.00		0.00		0.000	1.00		0.18 .23 1.94 L
							S		72.70	30.09	30.78	0.00	-0.39	0.69S		0.476			
LSK	AC	HHZ		129.9	103	46	P		65.25	22.64	22.71	0.00	-0.07	1.09		0.293	1.00	30	2.88 D
LSK	AC	HHN		129.9	103	46		6	60.00	17.39	22.71	0.00		0.00		0.000	1.00		0.13 .57 2.03 L
							S		82.96	40.35	39.74	0.00	0.41	0.88S		0.686			
IGT	AC	HHZ		144.5	133	46	P		67.41	24.80	24.82	0.00	-0.02	1.09		0.459			
IGT	AC	HHN		144.5	133	46	S		85.98	43.37	43.43	0.00	-0.07	1.09S		0.845			
FNA	AC	HHZ		195.5	78	39	P		73.89	31.28	31.54	0.00	-0.26	1.09		0.649			
FNA	AC	HHN		195.5	78	39	S		91.92	49.31	55.19	0.00	-0.49	0.00S		0.000			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	12	04	1519	16.60	40 28.69	19E18.26	1.03	0.27	0.63	1.41	2.54	2.67 2.7

SOURCE

NSTA	NPBS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
13	19	38.6	At1	146	8	0	13	6	13	#	1.00	0.00	L	3.00	0.01	D

1 4 DEC 2016, 15:19 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.47 353 73>-< 0.64 121 10>-< 0.44 214 12>

REGION= 17Km P të Vlorës, Rajoni Vlorës (17Km W of Vlora, Vlora Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
BPA2	AC	HHZ		38.6	43	90	P		24.12	7.52	7.72	0.00	-0.20	1.12		0.346	1.00	26	2.67 D
BPA2	AC	HHN		38.6	43	90	S		29.84	13.24	13.51	0.00	-0.27	1.12S		0.440			
BPA1	AC	HHZ		40.3	47	61	P		24.30	7.70	8.03	0.00	-0.33	1.11		0.155			
BPA1	AC	HHN		40.3	47	61	S		31.20	14.60	14.05	0.00	0.45	0.51S		0.122			
SCTE	AC	HHZ		83.9	239	61	P		32.35	15.75	15.66	0.00	0.09	1.12		0.367			
SCTE	AC	HHN		83.9	239	61	S		44.04	27.44	27.40	0.00	0.04	1.12S		0.621			
SRN	AC	HHZ		89.0	138	61	P		33.30	16.70	16.57	0.00	0.13	1.12		0.222	1.00	24	2.66 D
SRN	AC	HHN		89.0	138	61	S	6	0.00	-16.60	16.57	0.00		0.00		0.000	1.00		0.84 .25 2.54 L
							S		45.27	28.67	29.00	0.00	-0.33	1.11S		0.383			
TIR	AC	HHZ		107.5	25	53	P		35.77	19.17	19.72	0.00	-0.45	0.47		0.043			
TIR	AC	HHN		107.5	25	53	S		51.56	34.96	34.51	0.00	0.45	0.86S		0.611			
LSK	AC	HHZ		115.9	107	53	P		38.02	21.42	21.08	0.00	0.34	1.11		0.120	1.00	30	2.87 D
IGT	AC	HHZ		136.8	139	46	P		41.15	24.55	24.29	0.00	0.26	1.12		0.124			
IGT	AC	HHN		136.8	139	46	S		59.18	42.58	42.51	0.00	0.07	1.12S		0.438			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	12	09	0155	39.32	40 58.97	19E58.21	1.07	0.17	0.35	0.81	1.25	2.42	2.4

SOURCE

NSTA	NPBS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
20	30	39.2	At1	115	13	0	18	9	20	#	2.00	0.14	L	4.00	0.19	D

1 9 DEC 2016, 1:55 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.21 25 84>-< 0.35 139 2>-< 0.32 229 5>

REGION= 6km L të BELshit, Rajoni Elbasanit (6km E 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	HHN		39.2	223	61	S		53.17	13.85	13.68	0.00	0.16	1.11S		0.178			
BPA1	AC	HHZ		39.2	223	61	P		46.94	7.62	7.82	0.00	-0.20	1.11		0.181	1.00	13	2.09 D
BPA2	AC	HHZ		40.8	227	61	P		47.14	7.82	8.11	0.00	-0.29	0.96		0.139	1.00	18	2.37 D
BPA2	AC	HHE		40.8	227	61	S		53.69	14.37	14.19	0.00	0.18	1.11S		0.186			
TIR	AC	HHZ		41.5	348	61	P		47.65	8.33	8.22	0.00	0.11	1.11		0.310	1.00	20	2.46 D
TIR	AC	HHE		41.5	348	61	S	6	0.00	-39.32	8.22	0.00		0.00		0.000	1.00		0.11 .25 1.11 L

TIR AC HHZ 149.5 356 46 P 72.54 26.61 26.13 0.00 0.28 1.11 0.137 1.00 31 2.93 D
TIR AC HHE 149.5 356 46 S 92.67 46.74 45.73 0.00 0.31 0.85S 0.268

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
2016-12-10 2302 11.15 40 0.89 20E 2.97 5.00 0.40 1.78 5.58 2.47 3.13 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
10 15 15.5 At1 122 6 0 10 5 10 # 2.00 0.23 L 4.00 0.08 D

1 10 DEC 2016, 23:02 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>-< 5.74 220 76>-< 1.79 112 4>-< 1.18 21 12>

REGION= Delvina, Rajoni i Sarandës (Delvina, Saranda Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
SRN	AC	HHZ		15.5	196	90	P		13.94	2.79	3.10	0.00	-0.31	1.08		0.414	1.00	17	2.20 D
SRN	AC	HHN		15.5	196	90		6	0.00-11.15	3.10	0.00			0.00		0.000	1.00		8.7 .31 2.69 L
							S		16.83 5.68 5.42	0.00	0.26	1.08S		0.483					
LSK	AC	HHZ		49.2	72	61	P		19.73	8.58	9.58	0.00	-0.40	1.04		0.222	1.00	40	3.05 D
LSK	AC	HHN		49.2	72	61		6	0.00-11.15	9.58	0.00			0.00		0.000	1.00		1.2 .63 2.24 L
							S		27.75 16.60 16.76	0.00	-0.16	1.08S		0.382					
IGT	AC	HHZ		58.8	155	61	P		21.43	10.28	11.27	0.00	-0.49	1.05		0.177			
IGT	AC	HHN		58.8	155	61	S		31.99	20.84	19.72	0.00	0.12	0.95S		0.733			
VLO	AC	HHZ		69.0	318	61	P		22.77	11.62	13.06	0.00	-0.44	0.58		0.122	1.00	47	3.21 D
VLO	AC	HHN		69.0	318	61	S		35.07	23.92	22.85	0.00	0.07	1.00S		0.867			
KBN	AC	HHZ		92.2	42	61	P		29.22	18.07	17.13	0.00	0.44	1.06		0.267	1.00	46	3.21 D
KBN	AC	HHN		92.2	42	61	S		41.45	30.30	29.98	0.00	0.32	1.08S		0.329			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
2016-12-11 1516 23.53 41 1.79 19E51.59 10.58 0.12 0.39 0.68 1.26 2.32 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
13 19 35.3 At1 131 6 0 12 5 13 1.00 0.00 L 3.00 0.16 D

1 11 DEC 2016, 15:16 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>-< 0.78 305 60>-< 0.42 103 27>-< 0.30 199 9>

REGION= 9km L të Peqinit, Rajoni Elbasanit (9km E of Peqini, Elbasanit 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		35.3	0	93	P		30.13	6.60	6.74	0.00	-0.14	1.15		0.319	1.00	24	2.60 D

TIR	AC	HHN	35.3	0	93	6	0.00-23.53	6.74	0.00	0.00	0.000	1.00				0.17	.20	1.26	L
						S	35.40	11.87	11.80	0.00	0.07	1.15S	0.605						
BPA1	AC	HHZ	38.1	207	92	P	30.62	7.09	7.22	0.00	-0.13	1.15	0.249	1.00	17	2.32			D
BPA1	AC	HHN	38.1	207	92	S	36.30	12.77	12.63	0.00	0.14	1.15S	0.452						
BPA2	AC	HHZ	39.0	212	92	P	30.79	7.26	7.37	0.00	-0.11	1.15	0.240	1.00	14	2.16			D
BPA2	AC	HHE	39.0	212	92	S	36.79	13.26	12.90	0.00	0.36	0.02S	0.000						
VLO	AC	HHZ	69.5	207	90	P	35.79	12.26	12.53	0.00	-0.27	0.43	0.031						
FNA	AC	HHZ	131.3	101	58	P	45.93	22.40	22.26	0.00	0.14	1.15	0.243						
FNA	AC	HHN	131.3	101	58	S	62.49	38.96	38.96	0.00	0.00	1.15S	0.543						
SCTE	AC	HHZ	158.3	229	48	P	49.75	26.22	26.05	0.00	0.17	1.09	0.192						
SCTE	AC	HHE	158.3	229	48	S	69.07	45.54	45.59	0.00	-0.05	1.15S	0.679						
IGT	AC	HHZ	171.1	166	48	P	51.26	27.73	27.66	0.00	0.07	1.15	0.124						
IGT	AC	HHN	171.1	166	48	S	71.79	48.26	48.40	0.00	-0.14	1.14S	0.317						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	12	11	1859	56.31	40 43.70	19E39.24	1.74	0.27	0.49	0.39	1.65	2.78	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
19	28	0.6	At1	100	10	0	17	8	18		4.00	0.13 L	4.00 0.14 D

1 11 DEC 2016, 18:59 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 0.63 283 38>-< 0.43 186 8>-< 0.37 86 49>

REGION= 2km J-P të Marinëz, Rajoni Fierit (2km S-W of Marinëz, Fieri 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	HHN		0.6	163	160	S		57.42	1.11	0.63	0.00	0.48	0.91S		0.408			
BPA1	AC	HHZ		0.6	163	160	P		56.46	0.15	0.36	0.00	-0.21	1.16		0.303	1.00	31	2.64 D
BPA2	AC	HHE		3.0	274	120	S		57.76	1.45	1.21	0.00	0.24	1.16S		0.345			
BPA2	AC	HHZ		3.0	274	120	P		56.65	0.34	0.69	0.00	-0.35	1.14		0.163	1.00	31	2.65 D
FIER	AC	HHE		7.5	261	103	S		58.20	1.89	2.68	0.00	-0.49	0.05S		0.000			
FIER	AC	HHZ		7.5	261	103	P		57.50	1.19	1.53	0.00	-0.34	1.15		0.151			
VLO	AC	HHN		31.8	205	93	6		60.00	3.69	6.37	0.00		0.00		0.000	1.00		4.9 .28 2.66 L
							S		67.53	11.22	11.15	0.00	0.07	1.16S		0.252			
VLO	AC	HHZ		31.8	205	93	P		62.77	6.46	6.37	0.00	0.09	1.16		0.108	1.00	37	2.94 D
TIR	AC	HHZ		71.0	14	61	P		69.63	13.32	13.25	0.00	0.07	1.16		0.238	1.00	33	2.91 D
TIR	AC	HHE		71.0	14	61	6		60.00	3.69	13.25	0.00		0.00		0.000	1.00		0.18 .37 1.72 L
							S		79.83	23.52	23.19	0.00	0.33	1.15S		0.481			
SRN	AC	HHN		98.7	162	57	6		60.00	3.69	18.05	0.00		0.00		0.000	1.00		0.06 .51 1.47 L
							S		87.91	31.60	31.59	0.00	0.01	1.16S		0.257			
SRN	AC	HHZ		98.7	162	57	P		74.51	18.20	18.05	0.00	0.15	1.16		0.115			
SCTE	AC	HHE		123.9	235	50	S		95.34	39.03	38.76	0.00	0.27	1.16S		0.420			
SCTE	AC	HHZ		123.9	235	50	P		78.01	21.70	22.15	0.00	-0.45	0.97		0.105			

SCTE	AC	HHN	123.9	235	50	6	60.00	3.69	22.15	0.00	0.00	0.000	1.00	0.05	.57	1.57	L
IGT	AC	HHZ	144.8	156	46	P	81.00	24.69	25.22	0.00	-0.53*	0.72	0.043				
IGT	AC	HHE	144.8	156	46	S	100.65	44.34	44.13	0.00	0.21	1.16S	0.245				
FNA	AC	HHN	146.2	87	46	S	100.54	44.23	44.47	0.00	-0.24	1.16S	0.341				
FNA	AC	HHZ	146.2	87	46	P	81.08	24.77	25.41	0.00	-0.64*	0.35	0.016				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	12	13	2114	25.14	40 43.29	19E43.39	1.00	0.41	1.17	2.87	3.16	3.60	3.2

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
16	24	5.7	At1	91	6	0	15	7	16	#	3.00	0.27	L	5.00	0.18	D

1 13 DEC 2016, 21:14 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 3.10 248 67>-< 0.87 137 8>-< 0.82 43 20>

REGION= 2km J-L të Rroskovecit, Rajoni Fierit (2km S-E of Marinëz, Rroskoveci 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		5.7	272	90	P		25.35	0.21	1.13	0.00	-0.42	0.95		0.174	1.00	74	3.40	D			
BPA1	AC	HHN		5.7	272	90	S		26.22	1.08	1.98	0.00	-0.30	0.97S		0.327							
BPA2	AC	HHZ		8.9	277	90	P		25.87	0.73	1.77	0.00	-0.44	0.78		0.121							
BPA2	AC	HHN		8.9	277	90	S		29.80	4.66	3.10	0.00	0.50	0.08S		0.002							
VLO	AC	HHZ		34.0	215	90	P		31.43	6.29	6.80	0.00	-0.41	1.11		0.209	1.00	64	3.42	D			
VLO	AC	HHN		34.0	215	90	S		37.80	12.66	11.90	0.00	0.46	1.08S		0.329							
TIR	AC	HHZ		70.6	9	61	P		39.06	13.92	13.33	0.00	0.59	1.11		0.221	1.00	96	3.82	D			
TIR	AC	HHN		70.6	9	61	S	6	0.00	-25.14	13.33	0.00	0.00	0.00		0.000	1.00		5.0	.54	3.16	L	
							S		48.69	23.55	23.33	0.00	0.22	1.11S		0.325							
KBN	AC	HHZ		90.6	96	61	P		41.32	16.18	16.86	0.00	-0.48	1.10		0.257							
KBN	AC	HHN		90.6	96	61	S		54.42	29.28	29.50	0.00	-0.22	1.11S		0.322							
SRN	AC	HHZ		96.4	165	57	P		42.93	17.79	17.84	0.00	-0.05	1.11		0.116	1.00	72	3.60	D			
SRN	AC	HHN		96.4	165	57	S	6	0.00	-25.14	17.84	0.00	0.00	0.00		0.000	1.00		1.6	.46	2.89	L	
							S		56.87	31.73	31.22	0.00	0.51*	1.11S		0.459							
LSK	AC	HHZ		97.7	130	57	P		42.56	17.42	18.07	0.00	-0.65*	1.11		0.142	1.00	78	3.66	D			
LSK	AC	HHN		97.7	130	57	S	6	0.00	-25.14	18.07	0.00	0.00	0.00		0.000	1.00		9.5	.77	3.66	L	
							S		57.33	32.19	31.62	0.00	0.57*	1.11S		0.262							
BCI	AC	HHZ		185.0	8	39	P		56.81	31.67	30.87	0.00	0.80*	1.06		0.129							
BCI	AC	HHN		185.0	8	39	S		79.14	54.00	54.02	0.00	-0.02	1.11S		0.596							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	12	15	1925	8.51	40 46.05	19E40.24	0.85	0.14	0.58	0.47	2.32	2.29	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
 15 22 5.1 At1 214 9 0 13 6 15 1.00 0.00 L 3.00 0.14 D

1 15 DEC 2016, 19:25 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 0.67 166 30>-< 0.61 300 49>-< 0.32 61 23>

REGION= 10km V-L të Fierit, Rajoni Fierit (10km N-E of Fieri, Fieri 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		5.1	195	99	P		9.45	0.94	1.03	0.00	-0.09	1.12		0.244	1.00	17	2.15 D
BPA1	AC	HHN		5.1	195	99	S		10.17	1.66	1.80	0.00	-0.14	1.12S		0.446			
BPA2	AC	HHZ		6.0	227	97	P		9.81	1.30	1.22	0.00	0.08	1.12		0.306	1.00	20	2.29 D
BPA2	AC	HHN		6.0	227	97	S		10.89	2.38	2.13	0.00	0.24	0.94S		0.243			
VLO	AC	HHZ		36.4	205	61	P		15.55	7.04	7.25	0.00	-0.21	1.06		0.083	1.00	21	2.48 D
VLO	AC	HHN		36.4	205	61	S	6	0.00	-8.51	7.25	0.00		0.00		0.000	1.00		2.0 .34 2.32 L
							S		21.18	12.67	12.69	0.00	-0.02	1.12S		0.330			
TIR	AC	HHZ		66.5	14	61	P		20.46	11.95	12.53	0.00	-0.58*	0.00		0.000			
SRN	AC	HHZ		102.5	164	57	P		27.50	18.99	18.79	0.00	0.20	1.07		0.112			
SRN	AC	HHN		102.5	164	57	S		41.39	32.88	32.88	0.00	0.00	1.12S		0.509			
SCTE	AC	HHN		127.6	234	50	P		31.27	22.76	22.83	0.00	-0.07	1.12		0.245			
SCTE	AC	HHE		127.6	234	50	S		48.44	39.93	39.95	0.00	-0.02	1.12S		0.560			
FNA	AC	HHZ		144.6	88	46	P		33.66	25.15	25.31	0.00	-0.16	1.12		0.351			
FNA	AC	HHE		144.6	88	46	S		52.86	44.35	44.29	0.00	0.06	1.12S		0.492			
IGT	AC	HHZ		148.3	157	46	P		34.61	26.10	25.84	0.00	0.26	0.87		0.072			
IGT	AC	HHN		148.3	157	46	S		53.27	44.76	45.22	0.00	-0.46	0.01S		0.000			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2016-12-16 0058 9.23 40 0.27 19E59.15 0.00 0.36 0.54 1.24 2.32 2.90 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
 20 29 13.9 At1 101 6 0 17 9 19 # 6.00 0.13 L 3.00 0.01 D

1 16 DEC 2016, 0:58 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.27 200 77>-< 0.54 78 6>-< 0.43 347 10>

REGION= Vergo, Delvinë, Rajoni Sarandës (Vergo, Delvina, Saranda Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
SRN	AC	HHZ		13.9	174	90	P		12.20	2.97	2.77	0.00	0.20	1.23		0.348	1.00	29	2.65 D
SRN	AC	HHN		13.9	174	90	S	6	0.00	-9.23	2.77	0.00		0.00		0.000	1.00		7.9 .11 2.61 L
							S		14.21	4.98	4.85	0.00	0.13	1.23S		0.427			
LSK	AC	HHZ		54.7	72	61	P		18.82	9.59	10.55	0.00	-0.46	0.49		0.032	1.00	33	2.90 D
LSK	AC	HHE		54.7	72	61	S	6	0.00	-9.23	10.55	0.00		0.00		0.000	1.00		1.1 .47 2.27 L

						S		27.93	18.70	18.46	0.00	0.24	1.23S		0.297				
IGT	AC	HHZ	60.2	150	61	P		19.94	10.71	11.52	0.00	-0.21	0.84		0.059				
IGT	AC	HHE	60.2	150	61	S		29.72	20.49	20.16	0.00	0.33	1.23S		0.289				
VLO	AC	HHZ	66.3	322	61	P		21.72	12.49	12.59	0.00	-0.10	1.23		0.237	1.00	33	2.91	D
VLO	AC	HHE	66.3	322	61		6	0.00	-9.23	12.59	0.00		0.00		0.000	1.00			3.0 .46 2.87 L
						S		31.09	21.86	22.03	0.00	-0.17	1.23S		0.316				
KBN	AC	HHZ	96.8	44	57	P		25.95	16.72	17.91	0.00	-0.19	0.10		0.001				
KBN	AC	HHN	96.8	44	57		6	0.00	-9.23	17.91	0.00		0.00		0.000	1.00			0.40 .54 2.28 L
						S		40.54	31.31	31.34	0.00	-0.03	1.23S		0.271				
SCTE	AC	HHZ	129.7	275	46	P		32.12	22.89	23.27	0.00	-0.38	1.23		0.166				
SCTE	AC	HHN	129.7	275	46	S		49.71	40.48	40.72	0.00	-0.24	1.23S		0.493				
SCTE	AC	HHE	129.7	275	46		6	0.00	-9.23	23.27	0.00		0.00		0.000	1.00			0.16 .25 2.12 L
FNA	AC	HHZ	146.7	53	46	P		34.74	25.51	25.73	0.00	-0.22	1.23		0.123				
FNA	AC	HHN	146.7	53	46	S		54.71	45.48	45.03	0.00	0.45	1.23S		0.264				
LKD2	AC	HHZ	146.8	156	46	P		35.71	26.48	25.75	0.00	0.73*	1.02		0.070				
LKD2	AC	HHN	146.8	156	46	S		54.47	45.24	45.06	0.00	0.18	1.23S		0.449				
TIR	AC	HHZ	149.5	357	46	P		36.74	27.51	26.13	0.00	1.38*	0.00		0.000				
TIR	AC	HHN	149.5	357	46		6	0.00	-9.23	26.13	0.00		0.00		0.000	1.00			0.20 .95 2.35 L
						S		55.91	46.68	45.73	0.00	0.95*	0.52S		0.043				
BCI	AC	HHZ	262.4	1	38	P		49.48	40.25	40.56	0.00	-0.31	1.23		0.105				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG		
2016	12	17	1039	35.61	40	1.05	19E58.95	2.00	0.35	0.51	1.06	4.19	3.77	4.2

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
31	44	15.4	At1	77	6	0	28	13	28	#	9.00	0.16	L	3.00	0.08	D

1 17 DEC 2016, 10:39 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 1.09 219 76>-< 0.52 83 9>-< 0.38 352 9>

REGION= Vergo, Delvinë, Rajoni Sarandës (Vergo, Delvina, Saranda Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
SRN	AC	HHN		15.4	174	90		6	0.00	-35.61	3.07	0.00		0.00		0.000	1.00		401 .34 4.35 L
							S		41.58	5.97	5.37	0.00	0.40	0.70S		0.127			
SRN	AC	HHZ		15.4	174	90	P		39.50	3.89	3.07	0.00	0.32	0.15		0.003	1.00	92	3.63 D
SRN	AC	HHE		15.4	174	90		6	0.00	-35.61	3.07	0.00		0.00		0.000	1.00		327 .54 4.26 L
TPE	AC	HHZ		30.9	5	90	P		41.26	5.65	6.18	0.00	-0.23	0.90		0.220			
KEK	HL	HHZ		37.3	205	90	P		42.60	6.99	7.45	0.00	-0.46	1.03		0.200			
KEK	HL	HHE		37.3	205	90	S		48.80	13.19	13.04	0.00	0.15	1.09S		0.333			
LSK	AC	HHE		54.6	74	61		6	0.00	-35.61	10.53	0.00		0.00		0.000	1.00		57 .56 3.97 L
							S		53.97	18.36	18.43	0.00	-0.07	1.09S		0.225			
LSK	AC	HHZ		54.6	74	61	P		45.63	10.02	10.53	0.00	-0.51*	0.95		0.099	1.00	92	3.77 D

LSK	AC	HHN	52.2	76	93	6	0.00-24.38	9.65	0.00	0.00	0.000	1.00	0.16	.30	1.40	L
						S	41.18	16.80	16.89	0.00	-0.09	1.17S	0.470			
IGT	AC	HHZ	63.6	153	92	P	35.95	11.57	11.64	0.00	-0.07	1.17	0.137			
IGT	AC	HHN	63.6	153	92	S	44.90	20.52	20.37	0.00	0.15	1.17S	0.302			
KBN	AC	HHZ	92.7	45	75	P	40.92	16.54	16.57	0.00	-0.03	1.17	0.310	1.00	21	2.55 D
SCTE	AC	HHZ	130.8	273	55	P	46.72	22.34	22.49	0.00	-0.15	1.17	0.316			
SCTE	AC	HHN	130.8	273	55	S	63.84	39.46	39.36	0.00	0.10	1.17S	0.602			
FNA	AC	HHZ	143.0	54	55	P	49.11	24.73	24.26	0.00	0.47	0.19	0.008			
FNA	AC	HHE	143.0	54	55	S	66.33	41.95	42.46	0.00	-0.50*	0.09S	0.004			
LKD2	AC	HHZ	150.5	157	55	P	50.46	26.08	25.34	0.00	0.74*	0.00	0.000			
LKD2	AC	HHN	150.5	157	55	S	68.70	44.32	44.35	0.00	-0.03	1.17S	0.853			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	12	19	0019	48.46	40 43.15	19E38.00	2.86	0.38	0.65	0.40	4.04	4.02	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
25	37	1.7	At1	65	10	0	21	12	24		2.00	0.47 L	2.00 0.02 D

1 19 DEC 2016, 0:19 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 0.76 336 31>-< 0.58 239 10>-< 0.40 133 56>

REGION= 2km J-P të Marinëz, Rajoni Fierit (2km S-W of Marinëz, Fieri 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
BPA2	AC	HHN		1.7	315	148	S	49.80	1.34	1.17	0.00	0.17	1.10S	0.268					
BPA2	AC	HHZ		1.7	315	148	P	49.17	0.71	0.67	0.00	0.04	1.10	0.144	1.00	159	4.03	D	
BPA1	AC	HHE		2.0	76	145	S	49.87	1.41	1.21	0.00	0.20	1.10S	0.433					
BPA1	AC	HHZ		2.0	76	145	P	48.90	0.44	0.69	0.00	-0.25	1.10	0.196	1.00	154	4.00	D	
FIER	AC	HHZ		5.6	269	117	P	49.84	1.38	1.25	0.00	0.13	1.10	0.141					
FIER	AC	HHE		5.6	269	117	S	50.39	1.93	2.19	0.00	-0.26	1.10S	0.294					
VLO	AC	HHN		30.2	203	61	6	0.00-48.46	5.97	0.00	0.00	0.000	1.00	347	.31	4.50	L		
							S	59.53	11.07	10.45	0.00	0.62*	1.02S	0.215					
VLO	AC	HHZ		30.2	203	61	P	54.59	6.13	5.97	0.00	0.16	1.10	0.104					
TIR	AC	HHE		72.5	15	61	6	60.00	11.54	13.40	0.00	0.00	0.000	1.00	12	.83	3.57	L	
KBN	AC	HHN		98.2	95	57	S	79.45	30.99	31.22	0.00	-0.23	1.10S	0.232					
SRN	AC	HHN		98.3	161	57	S	80.03	31.57	31.25	0.00	0.32	1.10S	0.213					
SRN	AC	HHZ		98.3	161	57	P	64.69	16.23	17.86	0.00	-1.63*	0.00	0.000					
LSK	AC	HHE		103.5	127	53	S	82.10	33.64	32.79	0.00	0.85*	0.67S	0.069					
LSK	AC	HHZ		103.5	127	53	P	65.41	16.95	18.74	0.00	-1.79*	0.00	0.000					
SCTE	AC	HHN		121.9	235	50	S	87.30	38.84	37.97	0.00	0.86*	0.63S	0.091					
SCTE	AC	HHZ		121.9	235	50	P	70.17	21.71	21.70	0.00	0.01	1.10	0.115					
IGT	AC	HHN		144.6	155	46	S	91.97	43.51	43.80	0.00	-0.29	1.10S	0.160					

IGT	AC	HHZ	144.6	155	46	P	73.02	24.56	25.03	0.00	-0.47	1.10	0.075
FNA	AC	HHE	148.0	86	46	S	93.68	45.22	44.66	0.00	0.56*	1.07S	0.212
FNA	AC	HHZ	148.0	86	46	P	72.60	24.14	25.52	0.00	-1.38*	0.00	0.000
BCI	AC	HHE	186.5	11	39	S	102.38	53.92	53.58	0.00	0.33	1.10S	0.478
BCI	AC	HHZ	186.5	11	39	P	79.06	30.60	30.62	0.00	-0.02	1.10	0.196
LKD2	AC	HHE	231.6	157	38	S	111.57	63.11	63.54	0.00	-0.43	1.10S	0.142
LKD2	AC	HHZ	231.6	157	38	P	84.18	35.72	36.31	0.00	-0.59*	1.05	0.062
SGRT	AC	HHZ	344.4	291	38	P	98.08	49.62	50.23	0.00	-0.61*	1.03	0.153

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	12	20	2313	49.05	40 40.05	20E20.06	2.05	0.24	0.42	1.60	2.24	2.81	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	
19	28	38.6	At1	108	8	0	17	9	18	#	6.00	0.23	L	5.00	0.10	D

1 20 DEC 2016, 23:13 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 1.61 14 84>-< 0.42 215 4>-< 0.35 126 1>

REGION= 20km L të Policanit, Rajoni Skraparit (20km E of Policani, Skrapari Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
KBN	AC	HHZ		38.6	97	90	P		57.49	8.44	7.72	0.00	0.42	0.08		0.004	1.00	25	2.64	D		
KBN	AC	HHE		38.6	97	90		6	60.00	10.95	7.72	0.00		0.00		0.000	1.00		1.1	.47	2.07	L
							S		63.19	14.14	13.51	0.00	0.43	0.27S		0.064						
BPA1	AC	HHZ		57.7	277	61	P		59.92	10.87	11.07	0.00	-0.20	1.18		0.176						
BPA1	AC	HHN		57.7	277	61	S		68.87	19.82	19.37	0.00	0.45	0.92S		0.150						
BPA2	AC	HHZ		60.9	277	61	P		60.42	11.37	11.63	0.00	-0.26	1.18		0.176	1.00	35	2.95	D		
BPA2	AC	HHN		60.9	277	61	S		69.17	20.12	20.35	0.00	-0.23	1.18S		0.249						
LSK	AC	HHZ		61.7	158	61	P		60.25	11.20	11.78	0.00	-0.58*	0.46		0.037	1.00	31	2.85	D		
LSK	AC	HHE		61.7	158	61		6	60.00	10.95	11.78	0.00		0.00		0.000	1.00		0.75	.41	2.20	L
							S		69.50	20.45	20.61	0.00	-0.16	1.18S		0.274						
VLO	AC	HHZ		74.4	254	61	P		62.59	13.54	14.00	0.00	-0.46	0.91		0.109	1.00	26	2.71	D		
VLO	AC	HHE		74.4	254	61		6	60.00	10.95	14.00	0.00		0.00		0.000	1.00		2.5	.25	2.89	L
							S		73.88	24.83	24.50	0.00	0.33	1.17S		0.219						
TIR	AC	HHZ		85.2	333	61	P		64.92	15.87	15.90	0.00	-0.03	1.18		0.217	1.00	29	2.81	D		
TIR	AC	HHN		85.2	333	61		6	60.00	10.95	15.90	0.00		0.00		0.000	1.00		0.24	.50	1.96	L
							S		77.01	27.96	27.82	0.00	0.13	1.18S		0.473						
FNA	AC	HHZ		89.6	81	61	P		65.61	16.56	16.66	0.00	-0.10	1.18		0.295						
FNA	AC	HHN		89.6	81	61	S		77.88	28.83	29.15	0.00	-0.33	1.18S		0.544						
SRN	AC	HHZ		91.9	199	61	P		66.21	17.16	17.08	0.00	0.08	1.18		0.233						
SRN	AC	HHN		91.9	199	61		6	60.00	10.95	17.08	0.00		0.00		0.000	1.00		0.43	.46	2.27	L
							S		79.20	30.15	29.89	0.00	0.26	1.18S		0.244						
IGT	AC	HHZ		126.1	181	50	P		71.74	22.69	22.71	0.00	-0.02	1.18		0.121						

IGT AC HHN 126.1 181 50 S 88.90 39.85 39.74 0.00 0.11 1.18S 0.407
 BCI AC HHN 190.0 354 39 6 60.00 10.95 31.50 0.00 0.00 0.000 1.00 0.26 .62 2.71 L

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2016-12-21 0217 33.15 40 57.39 19E56.82 1.03 0.20 0.60 0.51 0.94 2.08 2.1

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T SOURCE
 14 20 35.7 At1 124 6 0 12 6 13 # 1.00 0.00 L 3.00 0.23 D L F X

1 21 DEC 2016, 2:17 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.44 266 65>-< 0.49 139 15>-< 0.34 42 18>

REGION= Belsh, Rajoni i Elbasanit (Belsh, 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		35.7	224	90	P		40.29	7.14	7.13	0.00	0.01	1.23		0.255	1.00	10	1.85			D	
BPA1	AC	HHN		35.7	224	90	S		45.60	12.45	12.48	0.00	-0.03	1.23S		0.281							
BPA2	AC	HHZ		37.4	228	90	P		40.37	7.22	7.47	0.00	-0.25	1.23		0.247	1.00	13	2.08			D	
BPA2	AC	HHE		37.4	228	90	S		46.04	12.89	13.07	0.00	-0.18	1.23S		0.295							
TIR	AC	HHZ		44.0	352	61	P		42.34	9.19	8.67	0.00	0.22	0.57		0.091	1.00	18	2.37			D	
TIR	AC	HHE		44.0	352	61	S		48.21	15.06	15.17	0.00	-0.11	1.23S		0.911							
TIR	AC	HHN		44.0	352	61		6	0.00	-33.15	8.67	0.00		0.00		0.000	1.00		0.07	.50	0.94	L	
VLO	AC	HHZ		66.3	216	61	P		45.61	12.46	12.58	0.00	-0.12	1.23		0.141							
SRN	AC	HHZ		119.6	177	53	P		55.55	22.40	21.68	0.00	0.72*	0.03		0.000							
SRN	AC	HHN		119.6	177	53	S		71.12	37.97	37.94	0.00	0.03	1.23S		0.673							
FNA	AC	HHZ		122.7	98	53	P		55.15	22.00	22.17	0.00	-0.17	1.23		0.470							
FNA	AC	HHN		122.7	98	53	S		71.53	38.38	38.80	0.00	-0.42	1.01S		0.417							
IGT	AC	HHZ		161.5	168	46	P		60.76	27.61	27.87	0.00	-0.26	1.23		0.159							
IGT	AC	HHE		161.5	168	46	S		82.51	49.36	48.77	0.00	0.59*	0.32S		0.054							

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2016-12-22 1623 35.41 40 26.76 20E 3.68 2.00 0.17 1.59 5.81 2.63 2.70 2.6

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T SOURCE
 12 18 46.1 At1 126 6 0 11 5 12 # 3.00 0.11 L 5.00 0.02 D L F X

1 22 DEC 2016, 16:23 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 5.81 356 89>-< 1.59 41 0>-< 0.98 312 0>

REGION= Memaliaj, Rajoni Tepelenës (Memaliaj, Tepelena Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T						
BPA1	AC	HHZ		46.1	313	61	P		44.00	8.59	9.04	0.00	-0.45	1.04		0.254	1.00	27	2.72 D						
BPA1	AC	HHN		46.1	313	61	S		50.48	15.07	15.82	0.00	-0.35	1.04S		0.410									
BPA2	AC	HHZ		49.0	311	61	P		44.31	8.90	9.55	0.00	-0.45	1.04		0.255	1.00	28	2.75 D						
BPA2	AC	HHN		49.0	311	61	S		51.64	16.23	16.71	0.00	-0.48	1.04S		0.414									
LSK	AC	HHZ		56.3	125	61	P		46.12	10.71	10.83	0.00	-0.12	1.04		0.281	1.00	26	2.70 D						
LSK	AC	HHN		56.3	125	61		6	0.00-35.41	10.83	0.00			0.00		0.000	1.00				3.1	.68	2.74 L		
							S		54.77	19.36	18.95	0.00	0.41	1.04S		0.403									
SRN	AC	HHZ		63.1	185	61	P		48.51	13.10	12.02	0.00	0.08	0.88		0.277	1.00	26	2.70 D						
SRN	AC	HHN		63.1	185	61		6	0.00-35.41	12.02	0.00			0.00		0.000	1.00					1.9	.77	2.63 L	
							S		56.72	21.31	21.03	0.00	0.27	1.04S		0.666									
KBN	AC	HHZ		64.6	71	61	P		46.75	11.34	12.29	0.00	-0.45	0.97		0.279	1.00	20	2.48 D						
KBN	AC	HHN		64.6	71	61	S		56.23	20.82	21.51	0.00	-0.39	1.04S		0.620									
TIR	AC	HHZ		101.5	351	57	P		52.97	17.56	18.71	0.00	-0.15	0.81		0.136									
TIR	AC	HHN		101.5	351	57		6	60.00	24.59	18.71	0.00		0.00		0.000	1.00					0.48	.60	2.39 L	
							S		71.96	36.55	32.74	0.00	0.41	0.00S		0.000									

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

2016-12-25 0441 23.08 40 38.29 19E57.20 0.29 0.27 0.41 0.87 2.55 2.99 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

22 33 26.8 At1 80 10 0 19 11 22 7.00 0.22 L 6.00 0.05 D

1 25 DEC 2016, 4:41 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 0.90 285 75>-< 0.41 28 3>-< 0.30 120 13>

REGION= 8km P të Beratit, Rajoni Beratit (8km W 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		26.8	291	90	P		28.69	5.61	5.36	0.00	0.25	1.14		0.185	1.00	40	2.98 D						
BPA1	AC	HHN		26.8	291	90	S		32.67	9.59	9.38	0.00	0.21	1.14S		0.237									
BPA2	AC	HHZ		30.1	290	90	P		29.04	5.96	6.01	0.00	-0.05	1.14		0.185	1.00	40	3.00 D						
BPA2	AC	HHN		30.1	290	90	S		33.71	10.63	10.52	0.00	0.11	1.14S		0.236									
VLO	AC	HHZ		43.1	245	61	P		31.65	8.57	8.49	0.00	0.08	1.14		0.093	1.00	33	2.89 D						
VLO	AC	HHN		43.1	245	61		6	0.00-23.08	8.49	0.00			0.00		0.000	1.00					12	.30	3.17 L	
							S		38.24	15.16	14.86	0.00	0.30	1.14S		0.279									
KBN	AC	HHZ		70.6	91	61	P		35.79	12.71	13.31	0.00	-0.40	0.63		0.057	1.00	35	2.96 D						
KBN	AC	HHE		70.6	91	61		6	0.00-23.08	13.31	0.00			0.00		0.000	1.00					1.1	.60	2.49 L	
							S		46.58	23.50	23.29	0.00	0.21	1.14S		0.255									
LSK	AC	HHZ		77.1	134	61	P		37.16	14.08	14.45	0.00	-0.37	1.13		0.153									
LSK	AC	HHN		77.1	134	61		6	0.00-23.08	14.45	0.00			0.00		0.000	1.00					1.5	.66	2.69 L	
							S		48.78	25.70	25.29	0.00	0.41	1.08S		0.179									
TIR	AC	HHZ		79.1	355	61	P		37.56	14.48	14.81	0.00	-0.33	1.14		0.143	1.00	39	3.06 D						

TIR	AC	HHE	79.1	355	61	6	0.00-23.08	14.81	0.00	0.00	0.000	1.00			0.63	.50	2.33	L		
						S	48.79	25.71	25.92	0.00	-0.21	1.14S	0.320							
SRN	AC	HHZ	84.3	177	61	P	38.35	15.27	15.71	0.00	-0.44	1.05	0.108	1.00	42	3.13	D			
SRN	AC	HHE	84.3	177	61	6	0.00-23.08	15.71	0.00	0.00	0.000	1.00					0.94	.41	2.55	L
						S	50.63	27.55	27.49	0.00	0.06	1.14S	0.222							
FNA	AC	HHZ	121.9	82	53	P	44.16	21.08	22.02	0.00	-0.24	1.00	0.000							
FNA	AC	HHE	121.9	82	53	S	61.95	38.87	38.53	0.00	0.33	1.14S	0.239							
IGT	AC	HHZ	127.0	165	50	P	45.75	22.67	22.82	0.00	-0.15	1.14	0.096							
IGT	AC	HHE	127.0	165	50	S	62.99	39.91	39.93	0.00	-0.03	1.14S	0.212							
SCTE	AC	HHZ	140.7	245	46	P	46.94	23.86	24.81	0.00	-0.95*	0.00	0.000							
SCTE	AC	HHE	140.7	245	46	6	60.00	36.92	24.81	0.00	0.00	0.00	0.000	1.00			0.19	.20	2.27	L
						S	66.09	43.01	43.42	0.00	-0.41	1.09S	0.357							
BCI	AC	HHZ	192.2	2	39	P	55.85	32.77	31.74	0.00	1.03*	0.00	0.000							
BCI	AC	HHE	192.2	2	39	6	60.00	36.92	31.74	0.00	0.00	0.00	0.000	1.00			0.37	.50	2.88	L
						S	78.73	55.65	55.54	0.00	0.10	1.14S	0.435							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	12	25	0547	47.39	40 40.27	19E58.15	1.28	0.24	0.44	1.21	1.88	2.50 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
21	31	27.1	At1	89	12	0	18	9	20		5.00	0.03 L	6.00 0.10 D

1 25 DEC 2016, 5:47 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.26 301 74>-< 0.44 202 2>-< 0.30 112 15>

REGION= 5km P të Beratit, Rajoni Beratit (8km W 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		27.1	283	90	P		53.10	5.71	5.41	0.00	0.30	1.09		0.202	1.00	20	2.40 D
BPA1	AC	HHN		27.1	283	90	S		57.08	9.69	9.47	0.00	0.22	1.09S		0.241			
BPA2	AC	HHZ		30.3	283	90	P		53.19	5.80	6.06	0.00	-0.26	1.09		0.201	1.00	20	2.41 D
BPA2	AC	HHN		30.3	283	90	S		58.07	10.68	10.60	0.00	0.08	1.09S		0.240			
VLO	AC	HHZ		46.0	241	61	P		55.98	8.59	9.00	0.00	-0.41	1.04		0.097	1.00	20	2.46 D
VLO	AC	HHN		46.0	241	61	6		60.00	12.61	9.00	0.00	0.00	0.00		0.000	1.00		2.8 .18 2.57 L
							S		62.93	15.54	15.75	0.00	-0.21	1.09S		0.429			
KBN	AC	HHZ		69.4	94	61	P		60.28	12.89	13.10	0.00	-0.21	1.09		0.198	1.00	21	2.53 D
KBN	AC	HHN		69.4	94	61	6		60.00	12.61	13.10	0.00	0.00	0.00		0.000	1.00		0.28 .57 1.89 L
							S		70.14	22.75	22.92	0.00	-0.17	1.09S		0.239			
TIR	AC	HHZ		75.6	354	61	P		61.84	14.45	14.20	0.00	0.25	1.09		0.181	1.00	27	2.75 D
TIR	AC	HHN		75.6	354	61	S		72.14	24.75	24.85	0.00	-0.10	1.09S		0.602			
TIR	AC	HHE		75.6	354	61	6		60.00	12.61	14.20	0.00	0.00	0.00		0.000	1.00		0.15 .23 1.68 L
LSK	AC	HHZ		78.8	137	61	P		61.95	14.56	14.75	0.00	-0.19	1.09		0.182			
LSK	AC	HHN		78.8	137	61	6		60.00	12.61	14.75	0.00	0.00	0.00		0.000	1.00		0.21 .23 1.85 L

						S	73.40	26.01	25.81	0.00	0.20	1.09S	0.208								
SRN	AC	HHZ	87.9	178	61	P	62.91	15.52	16.35	0.00	-0.43	0.11	0.001	1.00	25	2.69	D				
SRN	AC	HHE	87.9	178	61		60.00	12.61	16.35	0.00		0.00	0.000	1.00				0.19	.40	1.88	L
						S	76.29	28.90	28.61	0.00	0.29	1.09S	0.259								
FNA	AC	HHZ	120.1	83	53	P	68.47	21.08	21.73	0.00	-0.65*	0.54	0.035								
FNA	AC	HHN	120.1	83	53	S	85.74	38.35	38.03	0.00	0.32	1.09S	0.263								
IGT	AC	HHZ	130.2	166	46	P	70.80	23.41	23.30	0.00	0.11	1.09	0.091								
IGT	AC	HHE	130.2	166	46	S	88.14	40.75	40.77	0.00	-0.02	1.09S	0.321								
SCTE	AC	HHZ	143.5	244	46	P	71.35	23.96	25.22	0.00	-1.26*	0.00	0.000								
SCTE	AC	HHE	143.5	244	46	S	89.90	42.51	44.13	0.00	-1.62*	0.00S	0.000								

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-12-27	0041	2.88	40	32.80	19E41.84	8.52	0.07	1.47	0.82	2.18	2.12	2.1

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
8	12	19.2	At1	254	6	0	8	4	8		1.00	0.00	L 3.00 0.05 D

1 27 DEC 2016, 0:41 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.49 296 8>-< 0.86 55 72>-< 0.31 204 15>

REGION= Balesh, Rajoni Fierit (Ballshi, Fieri 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		19.2	244	107	P		6.75	3.87	3.94	0.00	-0.07	1.00		0.427	1.00	16	2.17	D				
VLO	AC	HHN		19.2	244	107		6	0.00	-2.88	3.94	0.00		0.00		0.000	1.00				2.1	.37	2.18	L
							S		9.81	6.93	6.89	0.00	0.03	1.00S		0.807								
BPA1	AC	HHZ		19.9	350	106	P		7.02	4.14	4.06	0.00	0.08	1.00		0.377	1.00	13	2.00	D				
BPA1	AC	HHE		19.9	350	106	S		9.88	7.00	7.11	0.00	-0.11	0.97S		0.359								
BPA2	AC	HHZ		21.4	342	104	P		7.13	4.25	4.32	0.00	-0.07	1.00		0.246	1.00	15	2.12	D				
BPA2	AC	HHN		21.4	342	104	S		10.52	7.64	7.56	0.00	0.08	1.00S		0.550								
SCTE	AC	HHZ		116.7	244	61	P		23.29	20.41	20.33	0.00	0.08	1.00		0.430								
SCTE	AC	HHN		116.7	244	61	S		38.41	35.53	35.58	0.00	-0.05	1.00S		0.800								

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-12-27	1400	24.34	40	29.05	20E 4.74	1.04	0.16	0.72	2.89	2.39	2.68	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
12	17	44.6	At1	120	9	0	10	4	12		3.00	0.04	L 4.00 0.15 D

1 27 DEC 2016, 14:00 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.90 182 86>-< 0.72 53 2>-< 0.57 322 2>

REGION= Polican, Rajoni Policanit (Policani, Policani 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		44.6	307	61	P		33.55	9.21	8.77	0.00	0.04	1.04		0.313				
BPA2	AC	HHZ		47.6	306	61	P		33.41	9.07	9.30	0.00	-0.23	1.04		0.313	1.00	22	2.55	D
BPA2	AC	HHN		47.6	306	61	S		40.59	16.25	16.27	0.00	-0.02	1.04S		0.467				
LSK	AC	HHZ		57.7	129	61	P		35.62	11.28	11.08	0.00	0.20	1.04		0.275	1.00	31	2.85	D
LSK	AC	HHE		57.7	129	61	S		45.57	21.23	19.39	0.00	0.14	0.00S		0.000				
KBN	AC	HHZ		62.0	75	61	P		35.76	11.42	11.82	0.00	-0.40	1.04		0.330	1.00	19	2.44	D
KBN	AC	HHN		62.0	75	61		6	0.00	-24.34	11.82	0.00		0.00		0.000	1.00			1.8 .63 2.57 L
							S		45.36	21.02	20.68	0.00	0.34	1.04S		0.612				
SRN	AC	HHZ		67.4	186	61	P		37.27	12.93	12.78	0.00	0.15	1.04		0.306	1.00	29	2.80	D
SRN	AC	HHN		67.4	186	61		6	0.00	-24.34	12.78	0.00		0.00		0.000	1.00			0.95 .75 2.39 L
							S		46.53	22.19	22.36	0.00	-0.18	1.04S		0.804				
TIR	AC	HHZ		97.6	350	57	P		43.91	19.57	18.04	0.00	0.43	0.00		0.000				
TIR	AC	HHN		97.6	350	57		6	0.00	-24.34	18.04	0.00		0.00		0.000	1.00			0.47 .37 2.35 L
							S		55.86	31.52	31.57	0.00	-0.05	1.04S		0.500				
FNA	AC	HHZ		115.2	72	53	P		44.46	20.12	20.97	0.00	-0.25	0.61		0.076				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	12	29	2156	1.20	41 27.43	19E46.21	3.39	0.29	0.87	0.83	2.62	2.46 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	14.5	At1	133	9	0	11	6	14		3.00 0.25 L	2.00 0.31 D	

1 29 DEC 2016, 21:56 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 0.87 262 4>-< 0.85 150 77>-< 0.53 353 11>

REGION= 7km P të Krujës, Rajoni Krujës (7km W of Krujës, Kruja 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		14.5	146	103		6	0.00	-1.20	2.98	0.00		0.00		0.000	1.00			13 .20 2.87 L
							S		6.53	5.33	5.22	0.00	0.11	1.09S		0.606				
TIR	AC	HHZ		14.5	146	103	P		3.94	2.74	2.98	0.00	-0.24	1.09		0.367	1.00	16	2.15	D
TIR	AC	HHN		14.5	146	103		6	0.00	-1.20	2.98	0.00		0.00		0.000	1.00			7.7 .15 2.62 L
DURR	AC	HHE		30.3	240	61	S		13.80	12.60	10.40	0.00	0.20	1.00S		0.000				
DURR	AC	HHZ		30.3	240	61	P		7.70	6.50	5.94	0.00	0.16	1.09		0.513				
BPA2	AC	HHN		81.7	190	61	S		26.79	25.59	26.20	0.00	-0.21	1.07S		0.382				
BPA2	AC	HHZ		81.7	190	61	P		14.39	13.19	14.97	0.00	-0.78*	0.00		0.000				
BCI	AC	HHN		104.0	13	53		6	0.00	-1.20	18.76	0.00		0.00		0.000	1.00			0.38 .50 2.31 L
							S		33.85	32.65	32.83	0.00	-0.18	1.09S		0.572				
BCI	AC	HHZ		104.0	13	53	P		19.86	18.66	18.76	0.00	-0.10	1.09		0.340	1.00	27	2.77	D

KBN	AC	HHE	126.0	136	46	S	40.25	39.05	38.96	0.00	0.09	1.09S	0.308
FNA	AC	HHN	154.9	118	46	S	47.69	46.49	46.29	0.00	0.20	1.09S	0.393
FNA	AC	HHZ	154.9	118	46	P	26.16	24.96	26.45	0.00	-0.49	1.00	0.000
LSK	AC	HHZ	161.1	154	39	P	28.76	27.56	27.32	0.00	0.24	1.09	0.095
IGT	AC	HHZ	219.0	167	39	P	35.73	34.53	34.65	0.00	-0.12	1.09	0.108
IGT	AC	HHN	219.0	167	39	S	61.86	60.66	60.64	0.00	0.02	1.09S	0.311

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	12	29	2242 15.88	41 25.81	19E41.61	2.91	0.06	1.84	0.67	2.01	2.28	2.0

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X	SOURCE			
8	11	17.0	Atl	254	10	0	5	3	6		2.00	0.20	L	2.00	0.37	D	

1 29 DEC 2016, 22:42 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 1.84 248 0>-< 0.77 158 60>-< 0.38 337 29>

REGION= 5km V-L të Vorës, Rajoni Tiranës (5km V-E of Vora, 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		17.0	122	99	P		19.39	3.51	3.45	0.00	0.06	1.01		0.636	1.00	12	1.91	D		
TIR	AC	HHN		17.0	122	99	S		21.89	6.01	6.04	0.00	-0.03	1.01S		0.881						
TIR	AC	HHE		17.0	122	99		6	0.00-15.88	3.45	0.00			0.00		0.000	1.00		2.7	.14	2.21	L
BCI	AC	HHZ		108.5	16	53	P		35.96	20.08	19.55	0.00	0.33	1.00		0.000	1.00	23	2.64	D		
BCI	AC	HHN		108.5	16	53	S		50.09	34.21	34.21	0.00	0.00	1.01S		1.000						
BCI	AC	HHE		108.5	16	53		6	0.00-15.88	19.55	0.00			0.00		0.000	1.00		0.11	.92	1.81	L
FNA	AC	HHZ		159.2	116	46	P		42.91	27.03	27.14	0.00	-0.11	0.96		0.600						
FNA	AC	HHN		159.2	116	46	S		63.42	47.54	47.49	0.00	0.04	1.01S		0.881						

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

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2016-12-03 1728 5.18 40 21.15 20E59.54 2.00 0.81 0.79 0.69 3.12 3.1

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
 20 30 34.8 At1 179 6 0 19 10 20 # 0.00 0.00 L 5.00 0.05 D

1 3 DEC 2016, 17:28 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.74 79 78>-< 1.81 303 8>-< 1.14 211 8>

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
KBN	AC	HHZ		34.8	331	90	P		11.20	6.02	6.95	0.00	-0.93*	1.13		0.319	1.00	39		3.00	D	
KBN	AC	HHE		34.8	331	90	S		16.52	11.34	12.16	0.00	-0.82*	1.13S		0.540						
LSK	AC	HHZ		40.4	237	61	P		12.29	7.11	8.04	0.00	-0.93*	1.13		0.167	1.00	47		3.18	D	
LSK	AC	HHE		40.4	237	61	S		17.86	12.68	14.07	0.00	-0.39*	0.88S		0.130						
FNA	AC	HHZ		58.0	34	61	P		15.58	10.40	11.14	0.00	-0.74*	1.13		0.302						
FNA	AC	HHE		58.0	34	61	S		23.71	18.53	19.49	0.00	-0.97*	1.13S		0.572						
SRN	AC	HHZ		99.5	239	57	P		22.85	17.67	18.38	0.00	-0.71*	1.13		0.146	1.00	41		3.12	D	
SRN	AC	HHE		99.5	239	57	S		36.90	31.72	32.16	0.00	-0.44	1.13S		0.203						
IGT	AC	HHZ		107.3	213	53	P		25.38	20.20	19.70	0.00	0.50	1.13		0.231						
IGT	AC	HHE		107.3	213	53	S		41.20	36.02	34.47	0.00	0.55*	0.71S		0.143						
BPA1	AC	HHZ		120.5	291	53	P		26.87	21.69	21.82	0.00	-0.13	1.13		0.067						
BPA1	AC	HHN		120.5	291	53	S		44.67	39.49	38.18	0.00	0.31*	0.96S		0.154						
BPA2	AC	HHZ		123.7	291	53	P		26.38	21.20	22.34	0.00	-0.14*	1.08		0.060						
BPA2	AC	HHE		123.7	291	53	S		44.79	39.61	39.10	0.00	0.51*	1.13S		0.213						
VLO	AC	HHZ		127.7	277	50	P		28.85	23.67	22.96	0.00	0.71*	1.13		0.065	1.00	42		3.17	D	
VLO	AC	HHE		127.7	277	50	S		44.73	39.55	40.18	0.00	-0.63*	1.13S		0.203						
TIR	AC	HHZ		145.8	320	46	P		30.89	25.71	25.59	0.00	0.12	1.13		0.072	1.00	38		3.10	D	
TIR	AC	HHE		145.8	320	46	S		49.88	44.70	44.78	0.00	-0.08	1.13S		0.300						
BCI	AC	HHZ		236.7	342	38	P		45.17	39.99	37.39	0.00	0.60*	0.00		0.000						
BCI	AC	HHN		236.7	342	38	S		72.30	67.12	65.43	0.00	0.69*	0.54S		0.103						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2016-12-03 2104 23.31 36 56.44 21E59.93 15.29 0.38 0.64 0.71 4.83 4.8

SOURCE

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

17 25 236.7 Atl 345 8 0 16 7 17 - 0.00 0.00 L 8.00 0.08 D

1 3 DEC 2016, 21:04 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>-< 33.61 159 49>-< 6.42 250 0>-< 1.58 340 40>

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		236.7	331	49	P		58.38	35.07	35.37	0.00	-0.30	1.15		0.324						
SRN	AC	HHZ		370.0	333	49	P		75.42	52.11	51.83	0.00	0.28	1.15		0.152	1.00	164		4.60	D	
SRN	AC	HHN		370.0	333	49	S		113.41	90.10	90.70	0.00	-0.60*	1.00S		0.331						
LSK	AC	HHZ		376.6	342	49	P		75.98	52.67	52.64	0.00	0.03	1.15		0.218	1.00	161		4.59	D	
LSK	AC	HHE		376.6	342	49	S		114.88	91.57	92.12	0.00	-0.55*	1.08S		0.258						
KBN	AC	HHZ		422.2	346	49	P		82.13	58.82	58.27	0.00	0.55*	1.08		0.228	1.00	195		4.80	D	
KBN	AC	HHN		422.2	346	49	S		125.30	101.99	101.97	0.00	0.02	1.15S		0.692						
VLO	AC	HHZ		448.1	332	49	P		85.19	61.88	61.47	0.00	0.41	1.15		0.206	1.00	177		4.74	D	
VLO	AC	HHE		448.1	332	49	S		131.93	108.62	107.57	0.00	1.05*	0.08S		0.003						
BPA1	AC	HHZ		466.6	335	49	P		87.15	63.84	63.75	0.00	0.09	1.15		0.156	1.00	197		4.85	D	
BPA1	AC	HHE		466.6	335	49	S		135.17	111.86	111.56	0.00	0.30	1.15S		0.258						
BPA2	AC	HHZ		468.7	335	49	P		87.23	63.92	64.01	0.00	-0.09	1.15		0.156	1.00	202		4.87	D	
BPA2	AC	HHE		468.7	335	49	S		135.17	111.86	112.02	0.00	-0.16	1.15S		0.258						
TIR	AC	HHZ		522.9	341	49	P		93.53	70.22	70.70	0.00	-0.48	1.14		0.231	1.00	193		4.89	D	
TIR	AC	HHE		522.9	341	49	S		147.53	124.22	123.72	0.00	0.50	1.13S		0.312						
BCI	AC	HHZ		624.8	346	49	P		106.01	82.70	83.29	0.00	-0.59*	1.02		0.204	1.00	182		4.93	D	
BCI	AC	HHE		624.8	346	49	S		170.09	146.78	145.76	0.00	1.02*	0.10S		0.005						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	12	04	0351	43.28	40 22.84	21E 0.50	3.00	0.89	0.29	0.17	2.78	2.8

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
15	22	32.8	Atl	199	6	0	15	7	15	#	0.00	0.00	L 3.00 0.30 D

1 4 DEC 2016, 3:51 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>-< 3.21 17 81>-< 2.30 133 3>-< 1.43 223 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	
KBN	AC	HHZ		32.8	326	90	P		49.13	5.85	6.56	0.00	-0.71*	1.13		0.356	1.00	21		2.47	D	
KBN	AC	HHN		32.8	326	90	S		53.83	10.55	11.48	0.00	-0.93*	1.13S		0.638						
LSK	AC	HHZ		43.3	234	61	P		50.33	7.05	8.55	0.00	-0.50*	0.87		0.184	1.00	29		2.78	D	
LSK	AC	HHE		43.3	234	61	S		56.88	13.60	14.96	0.00	-0.36*	0.99S		0.306						
FNA	AC	HHZ		54.7	35	61	P		53.83	10.55	10.55	0.00	0.00	1.13		0.340						

FNA	AC	HHE	54.7	35	61	S	61.66	18.38	18.46	0.00	-0.08	1.13S	0.602						
SRN	AC	HHZ	102.3	238	57	P	61.53	18.25	18.85	0.00	-0.60*	1.13	0.267	1.00	39	3.08	D		
SRN	AC	HHE	102.3	238	57	S	78.12	34.84	32.99	0.00	1.85*	0.49S	0.067						
BPA2	AC	HHZ	123.9	289	53	P	64.15	20.87	22.38	0.00	-0.51*	0.86	0.052						
BPA2	AC	HHE	123.9	289	53	S	82.75	39.47	39.16	0.00	0.31	1.13S	0.284						
VLO	AC	HHZ	128.8	275	50	P	67.43	24.15	23.12	0.00	0.03*	1.13	0.105						
VLO	AC	HHN	128.8	275	50	S	84.87	41.59	40.46	0.00	1.13*	1.12S	0.271						
TIR	AC	HHZ	144.3	319	46	P	69.06	25.78	25.38	0.00	0.40	1.13	0.088						
TIR	AC	HHE	144.3	319	46	S	87.69	44.41	44.41	0.00	-0.01	1.13S	0.406						
BCI	AC	HHZ	234.2	341	38	P	82.21	38.93	37.08	0.00	1.85*	0.50	0.025						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG								
2016	12	05	1854	18.33	40	23.18	20E57.08	2.48	0.34	1.36	3.44	1.61	2.37	2.4						

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X					
11	16	29.8	At1	171	7	0	9	4	10		2.00	0.09	L	3.00	0.00	D				

1 5 DEC 2016, 18:54 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 3.47 117 82>-< 1.37 306 7>-< 0.58 216 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	
KBN	AC	HHZ		29.8	333	61	P		23.91	5.58	5.94	0.00	-0.36	1.07		0.435	1.00	19	2.37	D			
KBN	AC	HHN		29.8	333	61		6	0.00	-18.33	5.94	0.00		0.00		0.000	1.00			0.55	.41	1.70	L
							S		28.98	10.65	10.40	0.00	0.25	1.07S		0.791							
LSK	AC	HHZ		39.9	229	61	P		25.89	7.56	7.71	0.00	-0.15	1.07		0.337	1.00	18	2.37	D			
LSK	AC	HHN		39.9	229	61	S		32.14	13.81	13.49	0.00	0.32	1.07S		0.411							
LSK	AC	HHE		39.9	229	61		6	0.00	-18.33	7.71	0.00		0.00		0.000	1.00			0.29	.07	1.52	L
FNA	AC	HHZ		57.2	39	61	P		29.34	11.01	10.74	0.00	0.27	1.07		0.422							
FNA	AC	HHE		57.2	39	61	S		37.01	18.68	18.80	0.00	-0.12	1.07S		0.812							
SRN	AC	HHZ		98.6	236	57	P		36.72	18.39	17.96	0.00	0.43	1.07		0.256	1.00	24	2.67	D			
SRN	AC	HHN		98.6	236	57	S		49.26	30.93	31.43	0.00	-0.50	1.04S		0.463							
IGT	AC	HHZ		108.8	210	53	P		37.15	18.82	19.64	0.00	-0.82*	0.49		0.069							
IGT	AC	HHE		108.8	210	53	S		54.17	35.84	34.37	0.00	0.47	0.00S		0.000							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG											
2016	12	08	1056	6.95	39	43.40	20E23.71	0.03	0.20	0.45	0.73	2.51	2.97	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								
15	22	22.0	At1	160	8	0	13	6	15	#	4.00	0.20	L	2.00	0.12	D							

1 8 DEC 2016, 10:56 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 0.77 222 70>-< 0.45 120 4>-< 0.28 29 18>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	-W-FMAG-T	AMP	-PER-W-XMAG-T		
IGT	AC	HHZ		22.0	195	90	P		11.13	4.18	4.40	0.00	-0.22	1.31		0.351							
IGT	AC	HHE		22.0	195	90	S		14.53	7.58	7.70	0.00	-0.12	1.31S		0.588							
SRN	AC	HHZ		38.0	298	90	P		14.39	7.44	7.60	0.00	-0.16	1.31		0.314	1.00	32	2.85	D			
SRN	AC	HHN		38.0	298	90		6	0.00	-6.95	7.60	0.00		0.00		0.000	1.00			1.6	.37	2.23	L
							S		20.26	13.31	13.30	0.00	0.01	1.31S		0.634							
LSK	AC	HHZ		50.5	20	61	P		15.98	9.03	9.80	0.00	-0.22	0.42		0.019	1.00	41	3.08	D			
LSK	AC	HHN		50.5	20	61		6	0.00	-6.95	9.80	0.00		0.00		0.000	1.00			4.8	.72	2.85	L
							S		23.82	16.87	17.15	0.00	-0.28	1.31S		0.256							
KBN	AC	HHZ		105.4	18	57	P		26.51	19.56	19.37	0.00	0.19	1.31		0.164							
KBN	AC	HHN		105.4	18	57		6	0.00	-6.95	19.37	0.00		0.00		0.000	1.00			0.74	.74	2.61	L
							S		41.20	34.25	33.90	0.00	0.35	1.31S		0.231							
LKD2	AC	HHZ		106.2	167	57	P		25.45	18.50	19.50	0.00	-0.40	0.02		0.000							
LKD2	AC	HHE		106.2	167	57	S		42.12	35.17	34.13	0.00	1.04*	0.00S		0.000							
FNA	AC	HHZ		144.5	35	46	P		32.50	25.55	25.41	0.00	0.14	1.31		0.162							
FNA	AC	HHE		144.5	35	46	S		51.38	44.43	44.47	0.00	-0.04	1.31S		0.308							
SCTE	AC	HHZ		169.4	285	39	P		35.88	28.93	28.89	0.00	0.04	1.31		0.182							
SCTE	AC	HHE		169.4	285	39		6	0.00	-6.95	28.89	0.00		0.00		0.000	1.00			0.17	.62	2.40	L
							S		57.60	50.65	50.56	0.00	0.09	1.31S		0.782							
TIR	AC	HHZ		185.9	347	39	P		38.78	31.83	30.98	0.00	0.85*	0.20		0.002							

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2016-12-08 1926 8.09 39 45.25 20E40.03 17.52 0.12 0.54 0.70 2.39 2.88 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
 14 21 38.1 At1 154 8 0 12 6 14 2.00 0.11 L 3.00 0.01 D

1 8 DEC 2016, 19:26 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 0.77 291 66>-< 0.59 107 23>-< 0.30 199 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		
IGT	AC	HHZ		38.1	230	104	P		14.81	6.72	7.40	0.00	-0.22	0.00		0.000							
IGT	AC	HHN		38.1	230	104	S		21.12	13.03	12.95	0.00	0.08	1.07S		0.646							
LSK	AC	HHZ		44.3	353	100	P		16.30	8.21	8.38	0.00	-0.17	1.07		0.235	1.00	24	2.71	D			
LSK	AC	HHN		44.3	353	100		6	0.00	-8.09	8.38	0.00		0.00		0.000	1.00			2.2	.21	2.49	L

						S		22.88	14.79	14.66	0.00	0.12	1.07S			0.402						
SRN	AC	HHZ	58.8	284	95	P		18.37	10.28	10.69	0.00	-0.41	0.23		0.012	1.00	29	2.88	D			
SRN	AC	HHE	58.8	284	95		6	0.00	-8.09	10.69	0.00		0.00		0.000	1.00			0.94	.14	2.28	L
						S		27.35	19.26	18.71	0.00	0.55	0.00S		0.000							
KBN	AC	HHZ	97.1	6	72	P		24.63	16.54	16.71	0.00	-0.17	1.07		0.125	1.00	28	2.89	D			
KBN	AC	HHN	97.1	6	72	S		37.36	29.27	29.24	0.00	0.03	1.07S		0.232							
LKD2	AC	HHZ	107.2	181	63	P		26.27	18.18	18.19	0.00	-0.01	1.07		0.296							
LKD2	AC	HHE	107.2	181	63	S		39.93	31.84	31.83	0.00	0.01	1.07S		0.540							
FNA	AC	HHZ	129.4	27	63	P		29.43	21.34	21.41	0.00	-0.07	1.07		0.181							
FNA	AC	HHE	129.4	27	63	S		45.73	37.64	37.47	0.00	0.17	1.07S		0.350							
SCTE	AC	HHZ	191.4	282	51	P		37.73	29.64	29.48	0.00	0.16	1.07		0.207							
SCTE	AC	HHE	191.4	282	51	S		59.58	51.49	51.59	0.00	-0.10	1.07S		0.768							

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
2016-12-12 0318 32.72 41 36.21 20E56.02 2.04 0.34 1.11 1.76 2.44 3.14 2.5

SOURCE

NSTA	NPBS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
15	22	93.7	Atl	196	10	0	14	7	15	#	5.00	0.14 L	4.00 0.09 D

1 12 DEC 2016, 3:18 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>-< 1.96 51 63>-< 1.23 244 25>-< 0.62 151 5>

REGION= Maqedonia (FYR 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
TIR	AC	HHZ		93.7	253	57	P		49.65	16.93	17.38	0.00	-0.45	1.07		0.298	1.00	36	3.01 D
TIR	AC	HHN		93.7	253	57		6	60.00	27.28	17.38	0.00		0.00		0.000	1.00		0.21 .50 1.97 L
							S		62.93	30.21	30.41	0.00	-0.20	1.08S		0.578			
FNA	AC	HHZ		98.8	157	57	P		50.78	18.06	18.25	0.00	-0.19	1.08		0.339			
FNA	AC	HHE		98.8	157	57	S		64.11	31.39	31.94	0.00	-0.35	1.01S		0.335			
KBN	AC	HHZ		109.5	187	53	P		52.67	19.95	20.05	0.00	-0.10	1.08		0.195	1.00	49	3.28 D
KBN	AC	HHE		109.5	187	53		6	60.00	27.28	20.05	0.00		0.00		0.000	1.00		0.40 .68 2.37 L
							S		67.92	35.20	35.09	0.00	0.11	1.08S		0.206			
BCI	AC	HHZ		111.1	321	53	P		53.07	20.35	20.30	0.00	0.05	1.08		0.357	1.00	39	3.09 D
BCI	AC	HHE		111.1	321	53		6	60.00	27.28	20.30	0.00		0.00		0.000	1.00		0.63 .37 2.58 L
							S		68.10	35.38	35.52	0.00	-0.14	1.08S		0.694			
BPA2	AC	HHZ		146.9	230	46	P		58.93	26.21	25.75	0.00	0.46	1.07		0.139			
LSK	AC	HHZ		163.9	191	39	P		61.77	29.05	28.19	0.00	0.36	0.48		0.021	1.00	41	3.18 D
LSK	AC	HHE		163.9	191	39		6	60.00	27.28	28.19	0.00		0.00		0.000	1.00		0.50 .63 2.83 L
							S		82.10	49.38	49.33	0.00	0.05	1.08S		0.310			
SRN	AC	HHZ		207.0	203	39	P		66.09	33.37	33.65	0.00	-0.28	1.08		0.094			
SRN	AC	HHE		207.0	203	39		6	60.00	27.28	33.65	0.00		0.00		0.000	1.00		0.11 .57 2.44 L
							S		92.04	59.32	58.89	0.00	0.43	1.08S		0.301			

IGT AC HHZ 235.7 193 38 P 72.56 39.84 37.26 0.00 0.58* 0.00 0.000
 IGT AC HHN 235.7 193 38 S 97.16 64.44 65.20 0.00 -0.76* 0.67S 0.127

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2016-12-17 0633 42.06 39 47.21 20E40.24 0.02 0.24 0.67 1.41 2.26 2.65 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
 14 21 40.7 At1 153 10 0 13 7 14 # 3.00 0.05 L 3.00 0.02 D

1 17 DEC 2016, 6:33 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.42 187 87>-< 0.67 288 0>-< 0.38 18 2>

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		40.7	227	61	P		49.76	7.70	8.10	0.00	-0.40	1.09		0.252			
IGT	AC	HHN		40.7	227	61	S		56.49	14.43	14.17	0.00	0.26	1.12S		0.285			
LSK	AC	HHZ		40.8	352	61	P		50.17	8.11	8.11	0.00	0.00	1.12		0.302	1.00	25	2.65 D
LSK	AC	HHN		40.8	352	61	S	6	0.00-42.06	8.11	0.00			0.00		0.000	1.00		1.8 .34 2.31 L
									56.32	14.26	14.19	0.00	0.07	1.12S		0.262			
SRN	AC	HHZ		58.3	281	61	P		53.23	11.17	11.18	0.00	-0.01	1.12		0.273	1.00	24	2.63 D
SRN	AC	HHN		58.3	281	61	S	6	60.00	17.94	11.18	0.00		0.00		0.000	1.00		0.96 .28 2.26 L
									61.92	19.86	19.56	0.00	0.30	1.12S		0.404			
KBN	AC	HHZ		93.4	6	57	P		60.88	18.82	17.35	0.00	0.47	0.00		0.000	1.00	29	2.82 D
KBN	AC	HHE		93.4	6	57	S	6	60.00	17.94	17.35	0.00		0.00		0.000	1.00		0.17 .54 1.88 L
									72.28	30.22	30.36	0.00	-0.14	1.12S		0.281			
LKD2	AC	HHZ		110.8	181	53	P		62.16	20.10	20.25	0.00	-0.15	1.12		0.327			
LKD2	AC	HHE		110.8	181	53	S		77.83	35.77	35.44	0.00	0.33	1.12S		0.556			
FNA	AC	HHZ		126.0	28	50	P		63.98	21.92	22.69	0.00	-0.77*	0.27		0.017			
FNA	AC	HHN		126.0	28	50	S		81.88	39.82	39.71	0.00	0.11	1.12S		0.462			
SCTE	AC	HHN		191.0	281	39	S		97.14	55.08	55.35	0.00	-0.27	1.12S		0.559			
SCTE	AC	HHZ		191.0	281	39	P		72.99	30.93	31.63	0.00	-0.70*	0.46		0.016			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2016-12-17 1910 57.71 39 3.53 21E26.94 84.77 0.27 1.48 2.13 3.78 4.50 3.9

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
 18 24 74.9 At1 248 8 0 15 6 16 5.00 0.07 L 1.00 0.00 D

1 17 DEC 2016, 19:10 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.29 248 68>-< 1.52 121 12>-< 0.93 28 16>

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		74.9	247	133	P		73.26	15.55	15.81	0.00	-0.26	1.19		0.383			
LKD2	AC	HHN		74.9	247	133	S		85.23	27.52	27.67	0.00	-0.15	1.19S		0.616			
IGT	AC	HHZ		109.9	299	121	P		77.40	19.69	19.25	0.00	0.44	1.09		0.087			
IGT	AC	HHN		109.9	299	121	S		91.80	34.09	33.69	0.00	0.40	1.14S		0.283			
LSK	AC	HHZ		141.4	330	114	P		81.34	23.63	22.71	0.00	0.92*	0.00		0.000			
LSK	AC	HHN		141.4	330	114		6	60.00	2.29	22.71	0.00		0.00		0.000	1.00		4.6 .50 3.80 L
							S		97.27	39.56	39.74	0.00	-0.18	1.19S		0.324			
SRN	AC	HHZ		154.4	307	111	P		82.46	24.75	24.18	0.00	0.57*	0.72		0.040	1.00	68	4.50 D
SRN	AC	HHE		154.4	307	111		6	60.00	2.29	24.18	0.00		0.00		0.000	1.00		3.1 .11 3.71 L
							S		100.01	42.30	42.32	0.00	-0.02	1.19S		0.271			
KBN	AC	HHZ		182.7	343	108	P		85.74	28.03	27.47	0.00	0.56*	0.76		0.076			
KBN	AC	HHN		182.7	343	108		6	60.00	2.29	27.47	0.00		0.00		0.000	1.00		1.1 .51 3.41 L
FNA	AC	HHZ		191.4	359	107	P		85.53	27.82	28.48	0.00	-0.66*	0.41		0.039			
FNA	AC	HHN		191.4	359	107	S		107.42	49.71	49.84	0.00	-0.13	1.19S		0.549			
BPA2	AC	HHZ		242.8	321	102	P		92.28	34.57	34.62	0.00	-0.05	1.19		0.150			
SCTE	AC	HHZ		280.0	295	100	P		96.93	39.22	39.12	0.00	0.10	1.19		0.258			
SCTE	AC	HHN		280.0	295	100		6	120.00	62.29	39.12	0.00		0.00		0.000	1.00		1.2 .10 3.86 L
							S		125.85	68.14	68.46	0.00	-0.32	1.19S		0.507			
TIR	AC	HHZ		287.7	333	100	P		97.79	40.08	40.06	0.00	0.02	1.19		0.177			
BCI	AC	HHZ		385.4	343	97	P		109.50	51.79	51.98	0.00	-0.19	1.19		0.234			
BCI	AC	HHN		385.4	343	97		6	120.00	62.29	51.98	0.00		0.00		0.000	1.00		0.47 .25 3.78 L

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	12	20	1806	56.12	40 37.26	21E22.96	0.11	0.20	0.98	2.11	2.36	2.65 2.4

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
	13	19	17.9	At1	198	6	0	10	6	12 #	3.00	0.02 L	3.00 0.09 D

1 20 DEC 2016, 18:06 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>-< 2.33 12 65>-< 0.92 106 2>-< 0.39 199 24>

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		17.9	0	90	P		59.52	3.40	3.57	0.00	-0.17	1.00		0.411			
FNA	AC	HHE		17.9	0	90	S		62.55	6.43	6.25	0.00	0.18	1.00S		0.682			
KBN	AC	HHZ		50.4	271	61	P		65.63	9.51	9.78	0.00	-0.27	1.00		0.242	1.00	22	2.55 D
KBN	AC	HHN		50.4	271	61		6	60.00	3.88	9.78	0.00		0.00		0.000	1.00		1.6 .40 2.36 L
							S		73.13	17.01	17.11	0.00	-0.11	1.00S		0.597			

LSK	AC	HHZ	84.7	233	61	P	70.72	14.60	15.80	0.00	-0.44	0.00	0.000	1.00	24	2.65	D				
LSK	AC	HHE	84.7	233	61	S	83.92	27.80	27.65	0.00	0.15	1.00S	0.446								
LSK	AC	HHN	84.7	233	61	6	60.00	3.88	15.80	0.00		0.00	0.000	1.00				0.57	.28	2.34	L
SRN	AC	HHZ	143.5	236	46	P	82.51	26.39	25.25	0.00	0.64*	0.00	0.000	1.00	25	2.74	D				
SRN	AC	HHN	143.5	236	46	6	60.00	3.88	25.25	0.00		0.00	0.000	1.00				0.29	.87	2.47	L
						S	100.57	44.45	44.19	0.00	0.26	1.00S	0.299								
IGT	AC	HHZ	150.7	217	46	P	82.57	26.45	26.28	0.00	0.17	1.00	0.266								
IGT	AC	HHE	150.7	217	46	S	102.39	46.27	45.99	0.00	0.28	0.99S	0.214								
LKD2	AC	HHZ	212.7	198	39	P	90.24	34.12	34.36	0.00	-0.24	1.00	0.292								
LKD2	AC	HHN	212.7	198	39	S	116.17	60.05	60.13	0.00	-0.08	1.00S	0.545								

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	12	23	2339	23.27	42 34.63	18E29.71	9.37	0.56	3.03	3.52	4.41	4.35	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
19	27	131.4	At1	210	9	0	16	8	18		7.00	0.11	L 3.00 0.23 D

1 23 DEC 2016, 23:39 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 4.64 1 49>-< 2.23 192 40>-< 1.20 98 6>

REGION= Mali i Zi (Montenegro)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	-W-FMAG-T	AMP	-PER-W-XMAG-T		
BCI	AC	HHZ	131.4	99	55	P		45.10	21.83	22.39	0.00	-0.26	1.09	0.363	1.00	129	4.12	D					
BCI	AC	HHN	131.4	99	55	6	S	60.00	36.73	22.39	0.00		0.00	0.000	1.00					37	.68	4.49	L
						S		62.30	39.03	39.18	0.00	-0.15	1.09S	0.574									
TIR	AC	HHZ	177.6	139	46	P		52.63	29.36	28.63	0.00	0.33	1.07	0.131	1.00	161	4.35	D					
TIR	AC	HHN	177.6	139	46	6	S	60.00	36.73	28.63	0.00		0.00	0.000	1.00					8.3	.54	4.14	L
						S		73.24	49.97	50.10	0.00	-0.13	1.09S	0.166									
TIR	AC	HHE	177.6	139	46	6	S	60.00	36.73	28.63	0.00		0.00	0.000	1.00					121.00		4.30	L
BPA1	AC	HHZ	227.5	154	44	P		58.77	35.50	34.92	0.00	0.48	1.09	0.143									
BPA1	AC	HHE	227.5	154	44	S		84.85	61.58	61.11	0.00	0.47	1.09S	0.228									
NOCI	AC	HHZ	231.6	212	44	P		57.91	34.64	35.43	0.00	-0.29	1.04	0.188									
SGRT	AC	HHZ	243.9	249	44	P		60.75	37.48	36.95	0.00	0.23	1.09	0.306									
SGRT	AC	HHE	243.9	249	44	6	S	60.00	36.73	36.95	0.00		0.00	0.000	1.00					7.7	.83	4.46	L
						S		87.91	64.64	64.66	0.00	-0.02	1.09S	0.771									
SCTE	AC	HHZ	277.6	181	44	P		63.57	40.30	41.11	0.00	-0.81*	1.03	0.174									
KBN	AC	HHZ	289.1	137	44	P		68.07	44.80	42.53	0.00	2.27*	0.00	0.000	1.00	188	4.58	D					
KBN	AC	HHN	289.1	137	44	6	S	60.00	36.73	42.53	0.00		0.00	0.000	1.00					4.41	.15	4.41	L
						S		98.61	75.34	74.43	0.00	0.91*	0.96S	0.130									
FNA	AC	HHZ	312.5	128	44	P		70.39	47.12	45.41	0.00	0.71*	0.02	0.000									
FNA	AC	HHE	312.5	128	44	S		102.40	79.13	79.47	0.00	-0.34	1.09S	0.208									
LSK	AC	HHZ	322.0	146	44	P		70.53	47.26	46.58	0.00	0.68*	1.09	0.128									

LSK	AC	HHE	322.0	146	44	6	60.00	36.73	46.58	0.00	0.00	0.000	1.00	4.61.12	4.55	L	
						S	104.72	81.45	81.51	0.00	-0.06	1.09S	0.186				
SRN	AC	HHZ	325.0	156	44	P	69.95	46.68	46.96	0.00	-0.28	1.09	0.147				
SRN	AC	HHN	325.0	156	44	6	60.00	36.73	46.96	0.00	0.00	0.000	1.00	1.5	.98	4.08	L
						S	104.46	81.19	82.18	0.00	-0.99*	0.86S	0.148				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	12	24	0236	19.41	39 19.78	19E47.87	27.87	0.20	0.80	1.08	3.42	3.56	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	SOURCE		
22	32	51.0	At1	179	8	0	18	9	21		7.00	0.35	L	2.00	0.24	D

1 24 DEC 2016, 2:36 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.19 121 65>-< 0.81 234 10>-< 0.48 330 22>

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		51.0	63	103	P		29.24	9.83	9.68	0.00	0.15	1.08		0.172						
IGT	AC	HHE		51.0	63	103	S		35.93	16.52	16.94	0.00	-0.42	0.90S		0.291						
SRN	AC	HHZ		63.5	15	97	P		31.21	11.80	11.47	0.00	0.33	1.06		0.207	1.00	42	3.32	D		
SRN	AC	HHN		63.5	15	97	6		0.00	-19.41	11.47	0.00	0.00	0.00		0.000	1.00		9.4	.47	3.38	L
							S		39.23	19.82	20.07	0.00	-0.25	1.08S		0.444						
LKD2	AC	HHZ		95.6	128	93	P		35.58	16.17	16.10	0.00	0.07	1.08		0.308						
LKD2	AC	HHE		95.6	128	93	S		47.59	28.18	28.18	0.00	0.00	1.08S		0.541						
LSK	AC	HHZ		114.0	36	76	P		38.28	18.87	18.71	0.00	0.16	1.08		0.064	1.00	70	3.80	D		
LSK	AC	HHE		114.0	36	76	6		0.00	-19.41	18.71	0.00	0.00	0.00		0.000	1.00		8.8	.69	3.77	L
							S		52.35	32.94	32.74	0.00	0.20	1.08S		0.214						
VLO	AC	HHZ		129.1	349	60	P		40.12	20.71	20.71	0.00	0.00	1.08		0.131						
VLO	AC	HHE		129.1	349	60	6		0.00	-19.41	20.71	0.00	0.00	0.00		0.000	1.00		10	.40	3.94	L
							S		55.81	36.40	36.24	0.00	0.16	1.08S		0.172						
SCTE	AC	HHZ		141.0	307	60	P		41.21	21.80	22.22	0.00	-0.42	0.90		0.278						
SCTE	AC	HHE		141.0	307	60	6		0.00	-19.41	22.22	0.00	0.00	0.00		0.000	1.00		0.78	.28	2.90	L
							S		57.40	37.99	38.88	0.00	-0.40	0.00S		0.000						
BPA2	AC	HHZ		156.3	355	60	P		43.45	24.04	24.15	0.00	-0.11	1.08		0.109						
KBN	AC	HHZ		166.7	30	60	P		46.45	27.04	25.47	0.00	0.57*	0.00		0.000						
KBN	AC	HHN		166.7	30	60	6		60.00	40.59	25.47	0.00	0.00	0.00		0.000	1.00		1.01	.00	3.18	L
							S		63.80	44.39	44.57	0.00	-0.18	1.08S		0.240						
FNA	AC	HHZ		210.5	39	58	P		51.20	31.79	30.97	0.00	0.82*	0.00		0.000						
FNA	AC	HHE		210.5	39	58	S		73.41	54.00	54.20	0.00	-0.20	1.08S		0.330						
TIR	AC	HHZ		224.2	1	58	P		52.09	32.68	32.65	0.00	0.03	1.08		0.093						
TIR	AC	HHN		224.2	1	58	6		60.00	40.59	32.65	0.00	0.00	0.00		0.000	1.00		0.85	.50	3.42	L
							S		76.85	57.44	57.14	0.00	0.30	1.07S		0.153						

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
KBN	AC	HHZ		40.1	330	61	P		49.36	6.46	7.53	0.00	-1.07*	0.32		0.023			
KBN	AC	HHN		40.1	330	61		6	0.00-42.90	7.53	0.00			0.00		0.000	1.00		47 .37 3.73 L
							S		53.96	11.06	13.18	0.00	-2.12*	0.00S		0.000			
LSK	AC	HHZ		40.8	244	61	P		50.51	7.61	7.64	0.00	-0.03	1.14		0.222			
LSK	AC	HHN		40.8	244	61		6	0.00-42.90	7.64	0.00			0.00		0.000	1.00		24 .47 3.45 L
							S		55.99	13.09	13.37	0.00	-0.28	1.14S		0.264			
FNA	AC	HHZ		60.2	29	61	P		53.78	10.88	11.04	0.00	-0.16	1.14		0.330			
FNA	AC	HHN		60.2	29	61	S		62.29	19.39	19.32	0.00	0.07	1.14S		0.363			
SRN	AC	HHZ		99.9	242	53	P		61.07	18.17	17.93	0.00	0.24	1.14		0.159			
SRN	AC	HHE		99.9	242	53		6	60.00	17.10	17.93	0.00		0.00		0.000	1.00		2.7 .41 3.14 L
							S		74.17	31.27	31.38	0.00	-0.11	1.14S		0.336			
IGT	AC	HHZ		105.3	215	53	P		62.77	19.87	18.79	0.00	1.08*	0.30		0.017			
IGT	AC	HHN		105.3	215	53	S		77.71	34.81	32.88	0.00	1.93*	0.00S		0.000			
BPA1	AC	HHZ		124.9	292	46	P		64.59	21.69	21.89	0.00	-0.20	1.14		0.112			
BPA2	AC	HHZ		128.2	292	46	P		65.52	22.62	22.36	0.00	0.26	1.14		0.112			
VLO	AC	HHZ		131.3	279	46	P		66.20	23.30	22.82	0.00	0.48	1.14		0.101			
TIR	AC	HHZ		151.1	320	46	P		68.33	25.43	25.69	0.00	-0.26	1.14		0.140			
TIR	AC	HHN		151.1	320	46	S		87.70	44.80	44.96	0.00	-0.16	1.14S		0.603			
THE	AC	HHZ		167.9	77	39	P		70.74	27.84	27.94	0.00	-0.10	1.14		0.239			
THE	AC	HHE		167.9	77	39	S		91.75	48.85	48.89	0.00	-0.04	1.14S		0.685			
LKD2	AC	HHZ		172.1	191	39	P		71.24	28.34	28.48	0.00	-0.14	1.14		0.266			
BCI	AC	HHZ		241.9	341	38	P		81.16	38.26	37.26	0.00	1.00*	0.45		0.016			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
2016-12-28 1558 41.23 40 22.42 20E57.86 4.88 0.12 0.74 2.11 2.87 2.50 2.9

SOURCE
NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
8 11 31.6 At1 195 21 0 7 3 8 # 2.00 0.24 L 3.00 0.04 D

1 28 DEC 2016, 15:58 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>-< 2.12 133 83>-< 0.74 307 6>-< 0.35 37 0>

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
KBN	AC	HHZ		31.6	332	61	P		47.30	6.07	6.02	0.00	0.05	1.06		0.491	1.00	21 2.46 D	
KBN	AC	HHN		31.6	332	61		6	0.00-41.23	6.02	0.00			0.00		0.000	1.00		4.4 .83 2.63 L
							S		51.61	10.38	10.53	0.00	-0.15	1.06S		0.842			
LSK	AC	HHZ		39.8	232	61	P		48.42	7.19	7.47	0.00	-0.28	0.65		0.175	1.00	21 2.50 D	
LSK	AC	HHE		39.8	232	61		6	0.00-41.23	7.47	0.00			0.00		0.000	1.00		11 .47 3.11 L
							S		54.21	12.98	13.07	0.00	-0.09	1.06S		0.790			

IGT	AC	HHE	44.5	357	61	S	47.30	14.98	15.14	0.00	-0.16	1.09S	0.213									
LKD2	AC	HHZ	45.9	145	61	P	40.93	8.61	8.89	0.00	-0.28	1.08	0.356									
LKD2	AC	HHN	45.9	145	61	S	48.05	15.73	15.56	0.00	0.17	1.09S	0.631									
SRN	AC	HHZ	88.7	340	61	P	48.60	16.28	16.41	0.00	-0.13	1.09	0.263	1.00	56	3.38	D					
SRN	AC	HHN	88.7	340	61		60.00	27.68	16.41	0.00		0.00	0.000	1.00				1.1	.56	2.65	L	
						S	61.48	29.16	28.72	0.00	0.44	0.73S	0.098									
LSK	AC	HHZ	114.9	10	53	P	53.11	20.79	20.78	0.00	0.01	1.09	0.167	1.00	58	3.43	D					
LSK	AC	HHN	114.9	10	53		60.00	27.68	20.78	0.00		0.00	0.000	1.00				2.9	.57	3.27	L	
						S	68.76	36.44	36.36	0.00	0.08	1.09S	0.253									
VLO	AC	HHZ	166.0	334	39	P	62.11	29.79	28.28	0.00	0.51*	0.00	0.000									
VLO	AC	HHN	166.0	334	39		60.00	27.68	28.28	0.00		0.00	0.000	1.00				1.5	.31	3.32	L	
						S	81.80	49.48	49.49	0.00	-0.01	1.09S	0.274									
KBN	AC	HHZ	169.7	12	39	P	61.60	29.28	28.74	0.00	0.44	0.39	0.011									
KBN	AC	HHE	169.7	12	39		60.00	27.68	28.74	0.00		0.00	0.000	1.00				0.61	.74	2.96	L	
						S	82.68	50.36	50.29	0.00	0.07	1.09S	0.307									
SCTE	AC	HHZ	193.6	304	39	P	64.12	31.80	31.77	0.00	0.03	1.09	0.260									
SCTE	AC	HHE	193.6	304	39	S	87.85	55.53	55.60	0.00	-0.07	1.09S	0.573									
FNA	AC	HHZ	203.0	25	39	P	65.66	33.34	32.97	0.00	0.37	0.94	0.082									
FNA	AC	HHN	203.0	25	39	S	89.63	57.31	57.70	0.00	-0.39	0.90S	0.274									

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	12	31	1920	5.98	39 25.76	20E41.31	1.39	0.18	1.39	2.46	2.96	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
7	10	32.9	At1	188	15	0	6	2	7		2.00	0.35 L	2.00	0.13	D

1 31 DEC 2016, 19:20 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.65 232 67>-< 1.47 84 19>-< 0.82 351 11>

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		32.9	291	92	P		12.91	6.93	6.58	0.00	0.35	1.05	0.882								
IGT	AC	HHN		32.9	291	92	S		18.95	12.97	11.51	0.00	0.45	0.00S	0.000								
LKD2	AC	HHZ		71.1	183	61	P		19.28	13.30	13.30	0.00	0.00	1.05	0.968								
SRN	AC	HHZ		77.4	311	61	P		20.40	14.42	14.40	0.00	0.02	1.05	0.196	1.00	29	2.81	D				
SRN	AC	HHN		77.4	311	61		6	0.00	-5.98	14.40	0.00		0.00	0.000	1.00			1.2	.11	2.61	L	
							S		30.96	24.98	25.20	0.00	-0.22	1.05S	0.896								
LSK	AC	HHZ		80.4	355	61	P		20.31	14.33	14.92	0.00	-0.49	0.76	0.302	1.00	39	3.06	D				
LSK	AC	HHN		80.4	355	61		6	0.00	-5.98	14.92	0.00		0.00	0.000	1.00			5.9	.74	3.31	L	
							S		32.38	26.40	26.11	0.00	0.29	1.05S	0.								

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

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	12	01	1834	29.79								KBN
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
TIR	SZ	IPG		1834	29.79							
TIR	SE	ISG		1834	34.12							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	12	01	0500	55.74								KBN
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
TIR	SZ	IPG		0500	55.74							
TIR	SE	ISG		0500	59.72							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	12	01	0505	45.24								KBN
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
TIR	SZ	IPG		0505	45.24							
TIR	SE	ISG		0505	47.32							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
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2016 12 11 1040 53.19 KBN
GAP= hor.err= ver.err=

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
SRN	SZ	IPG		1040	53.19					
SRN	SE	ISG		1040	55.54					

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

2016 12 17 1048 27.08 KBN
GAP= hor.err= ver.err=

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
SRN	SZ	IPG		1048	31.08					
SRN	SE	ISG		1040	33.54					
IGT	SZ	IPG		1048	38.08					
IGT	SE	ISG		1040	47.54					

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

2016 12 17 1050 41.68 KBN
GAP= hor.err= ver.err=

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
SRN	SZ	IPG		1048	45.08					
SRN	SE	ISG		1040	47.54					
IGT	SZ	IPG		1048	52.08					
IGT	SE	ISG		1040	60.54					

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

Ngjarja 1 (Event 1):

Datë 17.12.2016, në orën 10:39:35.67(UTC); (11: 39:35.67ora lokale); lokalizuar 40.02V; 19.98L, në Vergo te Delvines; Intensiteti i tërmetit në epiqendër $I_0 = V$ ballë (EMS-98); Ndjerë: IV/V ballë në qytetin e Delvines, IV ballë ne qytetin e Sarandes, III ballë ne Gjirokaster .

(Intensity $I_0 = V$ degree EMS-98, felt IV-V degree at Delvina town, IV at Sarande town, III at ne Gjirokastra town).

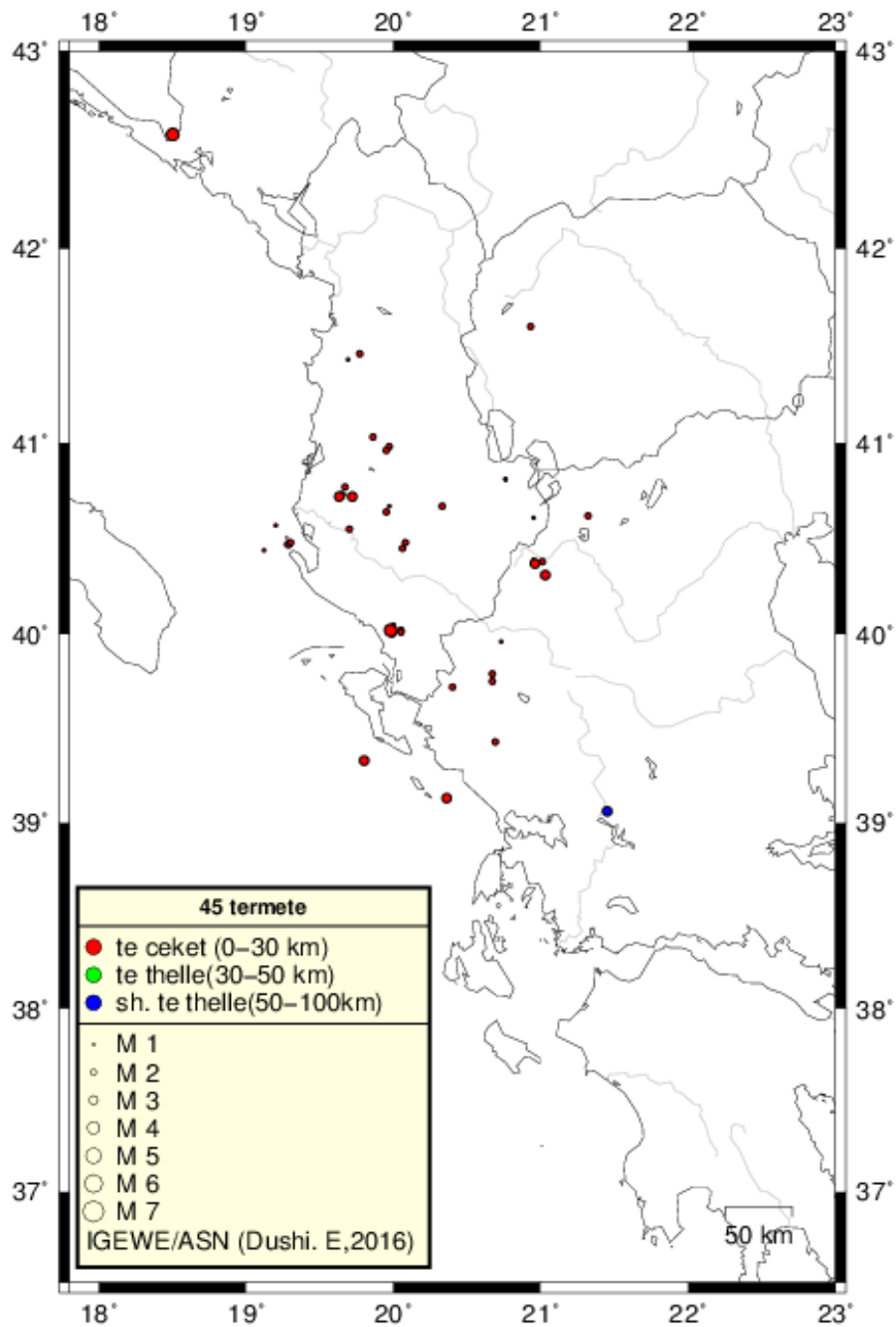
Ngjarja 2 (Event 2):

Datë 19.12.2016, në orën 00:19:48.46(UTC); (01: 19:48.46 ora lokale); lokalizuar 40.55V; 19.70L, në Marinze te Fierit; Intensiteti i tërmetit në epiqendër $I_0 = V-VI$ ballë (EMS-98); Ndjerë: V-VI ballë në Marinez, IV-V ballë ne qytetin e Patosit dhe Fierit, IV ballë ne qytetin e Balleshit dheRroskovecit.

(Intensity $I_0 = V-VI$ degree EMS-98, felt V-VI degree at Marinza village, IV-V degree at Patosi and Fieri towns, IV at Balleshi and Rroskoveci towns)

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

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



-Fig. 3 -

Harta e shpërndarjes në hapësirë të epiqendrave, në përputhje me magnitudë (madhësia e simbolit) dhe thellësinë (ngjyra e simbolit); Ngjarjet janë lokalizuar gjatë muajit Dhjetor 2016, bazuar në regjistrimet e ASN dhe stacioneve sizmologjike në rajon.
(Epicentral map for located seismicity within Albania and surrounding during December 2016)

Statistika e ngjarjeve (Events Statistics)

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

Të dhënat përfaqësuese	Representative Parameters	Vlerat (observed values)
Numuri i përgjithshëm i ngjarjeve të regjistruara (kuandrat 39 ^o -43 ^o V; 18.5 ^o -21.5 ^o L)	[total recorded number of seismic events]	45
Numuri i ngjarjeve sizmike brenda kufirit shtetëror	[earthquakes occurred within state border]	31
Thellësia mesatare e vërtuar (km)	[mean observed depth]	6
Thellësia maksimale e vërtuar (km)	[maximum observed depth]	85
Magnituda lokale minimale e vërtuar (M_{Ld})	[minimum observed local magnitude]	1.6
Magnituda lokale maksimale e vërtuar (M_{Ld})	[maximum observed local magnitude]	4.4
Intensiteti maksimal i vërtuar (MSK-64)	[maximum observed intensity]	V-VI

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