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BULETINI SIZMOLOGJIK

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Përpiloi:

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H Y R J E

Buletini sizmologjik përmban ngjarjet sizmike (tërmetet), e regjistruar, lokalizuar dhe analizuar gjatë periudhës kohore një-mujore. Përpos pasqyrimin kronologjik të aktivitetit sizmik të regjistruar, në territorin Shqipëtar dhe rreth tij, me anë të stacioneve të rrjetit sizmologjik shqipëtar, por edhe të rrjeteve fqinjë, periodiku përmban një analizë të gjithanëshme të parametrave të vlerësuar në drejtim të cilësisë së vlerësimit të tyre dhe statistikës së aktivitetit sizmik në vend. Përmbajtja e buletinit konsiston në terminologjinë përkatëse, në karakteristikat e stacioneve sizmologjik, të dhënat parametrike të vlerësuara nga analiza e çdo tërmeti, në analizën e cilësisë së vlerësimit të këtyre parametrave, në analizën e ngjarjeve të veçanta ($M > 4.0$), nëse ka të tilla, si dhe në përpilimin e katalogut mujor dhe paraqitjen grafike në hartë, të epiqendrave të tërmeteve të lokalizuar. Në procesin e monitorim-regjistrimit dhe lokalizimit të ngjarjeve sizmike kontribuojnë drejtpërdrejtë punonjësit ndihmës-shkencor (laborant): Ing. Ardian Minarolli, Ing. Ervin Kasaj dhe Ing. Olgert Gjuzi (Inxhinier Gjeolog/ Monitorues në Qendrën Kombëtare të Sizmologjisë). Në kontrollin dhe analizën e cilësisë së vlerësimit të të dhënave, në analizën statistikore, analizën e ngjarjeve ($M > 4.0$), katalogimin dhe paraqitjen grafike në hartë si dhe përpilimin e këtij buletini, kontribuojnë punonjësit kërkues sizmolog, Prof.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 Ndihmës (Auxilliary Network Stations)

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

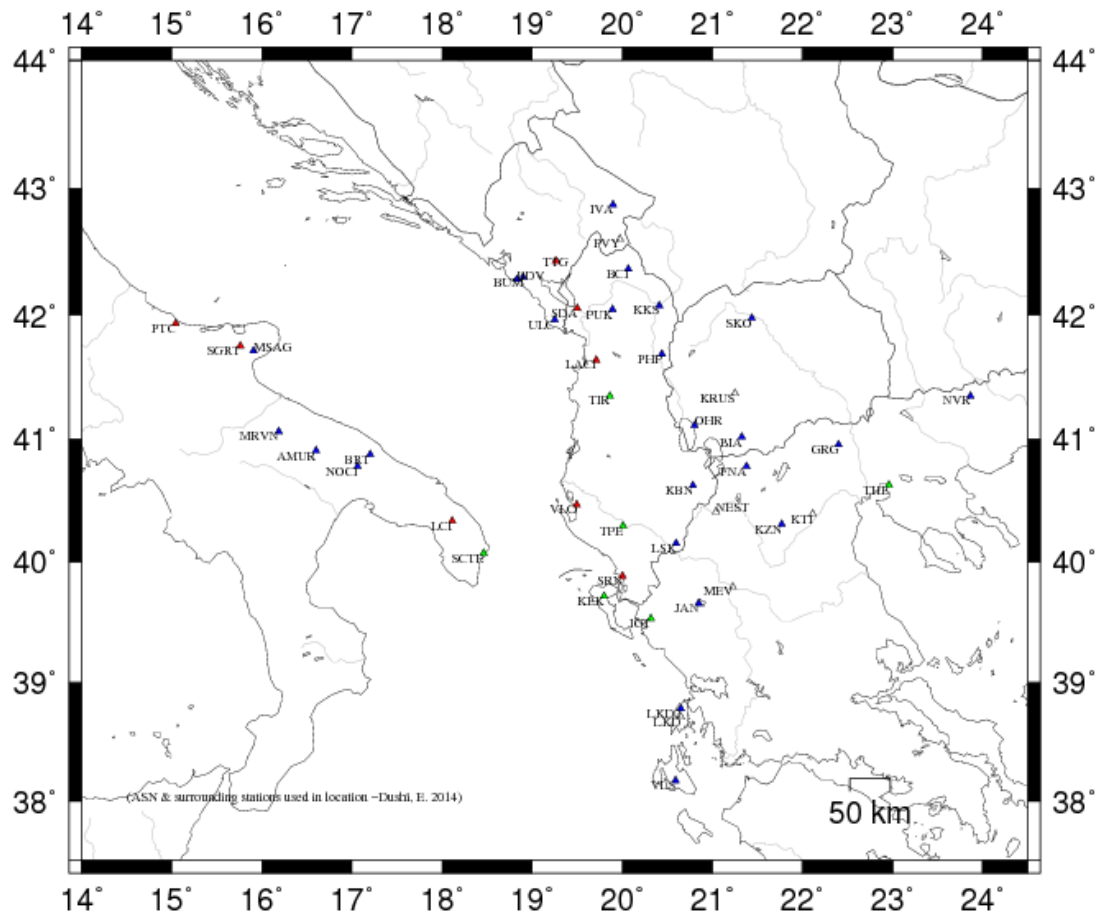
Kodi	Regjistruar (Po/Jo)	Gjer. Gjeo.	Gjat. Gjeo.	Lartesia	Tipi i stacionit	Sensori	Terheqja e Informacionit	Komunikimi	T₀
Station Code	Registered (WDC)	Latitude (degree)	Longitude (degree)	Elev. (m)	Station type	Sensor type	Acquisition system	Communication	Nat.l Period (s)
MEV	Po (Y)	39.7850	21.2290	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	T₀
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
 2016-09-02 0922 45.81 41 16.09 20E23.89 1.56 0.10 0.59 1.44 2.61 2.65 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
 7 10 45.5 At1 168 9 0 6 3 7 3.00 0.14 L 3.00 0.19 D

1 2 SEP 2016, 9:22 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.44 88 86>-< 0.60 259 3>-< 0.36 350 0>

REGION= Steblevë, Rajoni Librazhdit (Steblevë, Librazhdi Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T	
TIR	AC	HHZ		45.5	282	51	P		54.85	9.04	8.87	0.00	0.17	1.00		0.497	1.00	20	2.46			D	
TIR	AC	HHN		45.5	282	51		6	60.00	14.19	8.87	0.00		0.00		0.000	1.00			2.3	.15	2.47	L
							S		61.23	15.42	15.52	0.00	-0.10	1.00S		0.835							
PHP	AC	HHZ		46.4	4	51	P		54.73	8.92	9.02	0.00	-0.10	1.00		0.497	1.00	25	2.65			D	
PHP	AC	HHN		46.4	4	51		6	60.00	14.19	9.02	0.00		0.00		0.000	1.00			3.1	.62	2.61	L
							S		61.64	15.83	15.78	0.00	0.05	1.00S		0.835							
LSK	AC	HHZ		125.3	172	51	P		68.31	22.50	22.58	0.00	-0.08	1.00		0.497	1.00	58	3.44			D	
LSK	AC	HHN		125.3	172	51		6	60.00	14.19	22.58	0.00		0.00		0.000	1.00			1.5	.98	3.05	L
							S		85.37	39.56	39.51	0.00	0.04	1.00S		0.835							
SRN	AC	HHZ		157.8	193	46	P		100.22	54.41	28.07	0.00	26.34*	0.00		0.000							

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2016-09-04 0002 49.01 40 41.23 19E54.36 16.41 0.45 0.83 1.74 2.25 2.72 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 27 28.8 At1 81 7 0 17 6 19 7.00 0.21 L 5.00 0.04 D

1 4 SEP 2016, 0:02 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.75 233 82>-< 0.83 336 1>-< 0.65 65 6>

REGION= 4km J-P të Beratit, Rajoni Beratit (4km S-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
FIER	AC	HHE		28.8	277	113	S		59.57	10.56	10.48	0.00	0.08	1.13S		0.435			
FIER	AC	HHZ		28.8	277	113	P		54.68	5.67	5.99	0.00	-0.32	1.13		0.187			
VLO	AC	HHN		42.4	236	103		6	60.00	10.99	8.15	0.00		0.00		0.000	1.00		9.7 .47 3.10 L
							S		63.89	14.88	14.26	0.00	0.62*	1.13S		0.249			
VLO	AC	HHZ		42.4	236	103	P		56.90	7.89	8.15	0.00	-0.26	1.13		0.115	1.00	22	2.62 D
TPE	AC	HHZ		44.5	167	102	P		57.39	8.38	8.50	0.00	-0.12	1.13		0.164			
TIR	AC	HHE		73.4	358	94		6	60.00	10.99	13.31	0.00		0.00		0.000	1.00		0.421.05 2.12 L
							S		75.66	26.65	23.29	0.00	0.36	0.00S		0.000			
TIR	AC	HHZ		73.4	358	94	P		62.08	13.07	13.31	0.00	-0.24	1.13		0.224	1.00	25	2.76 D
KBN	AC	HHN		74.9	95	94		6	60.00	10.99	13.55	0.00		0.00		0.000	1.00		0.89 .80 2.46 L
							S		73.32	24.31	23.71	0.00	0.40	1.13S		0.382			
KBN	AC	HHZ		74.9	95	94	P		62.06	13.05	13.55	0.00	-0.50	1.13		0.180	1.00	24	2.72 D
LSK	AC	HHN		83.8	135	93		6	60.00	10.99	15.04	0.00		0.00		0.000	1.00		1.0 .68 2.60 L
							S		77.17	28.16	26.32	0.00	0.84*	0.01S		0.000			
LSK	AC	HHZ		83.8	135	93	P		63.20	14.19	15.04	0.00	-0.85*	1.06		0.147	1.00	31	2.95 D
SRN	AC	HHN		90.0	174	93		6	60.00	10.99	16.09	0.00		0.00		0.000	1.00		0.23 .56 2.00 L
							S		78.35	29.34	28.16	0.00	1.18*	0.68S		0.123			
SRN	AC	HHZ		90.0	174	93	P		65.34	16.33	16.09	0.00	0.24	1.13		0.143	1.00	23	2.70 D
PHP	AC	HHN		119.5	21	71		6	60.00	10.99	20.82	0.00		0.00		0.000	1.00		0.25 .92 2.25 L
							S		86.05	37.04	36.43	0.00	0.60*	1.13S		0.458			
PHP	AC	HHZ		119.5	21	71	P		68.42	19.41	20.82	0.00	-0.41	0.36		0.021			
SCTE	AC	HHN		139.6	242	71		6	60.00	10.99	24.02	0.00		0.00		0.000	1.00		0.12 .43 2.07 L
							S		90.85	41.84	42.03	0.00	-0.19	1.13S		0.455			
SCTE	AC	HHZ		139.6	242	71	P		73.15	24.14	24.02	0.00	0.12	1.13		0.178			
BCI	AC	HHZ		187.0	4	71	P		80.59	31.58	31.59	0.00	-0.01	1.13		0.223			
LKD2	AC	HHZ		220.4	162	51	P		85.24	36.23	36.36	0.00	-0.13	1.13		0.307			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
2016-09-03 1604 53.57 41 17.51 20E21.36 2.09 0.14 0.48 1.01 2.48 2.33 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
14 21 41.6 At1 144 6 0 14 7 14 # 5.00 0.04 L 3.00 0.36 D

1 3 SEP 2016, 16:04 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>-< 1.01 69 86>-< 0.48 258 3>-< 0.24 168 0>

REGION= Lunik, 12 km V të Librazhdit, Rajoni Librazhdit (Lunik, 12 km N of Librazhdi, Librazhdi Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
TIR	AC	HHZ		41.6	279	51	P		62.15	8.58	8.39	0.00	0.19	1.11		0.354	1.00	11	1.95 D
TIR	AC	HHN		41.6	279	51		6	60.00	6.43	8.39	0.00		0.00		0.000	1.00		0.57 .15 1.82 L
							S		68.14	14.57	14.68	0.00	-0.11	1.15S		0.639			

PHP	AC	HHZ	44.2	9	51	P	62.26	8.69	8.84	0.00	-0.15	1.15	0.326	1.00	17	2.33	D				
PHP	AC	HHN	44.2	9	51		60.00	6.43	8.84	0.00		0.00	0.000	1.00				2.2	.11	2.44	L
						S	69.18	15.61	15.47	0.00	0.14	1.15S	0.506								
KBN	AC	HHZ	82.6	153	51	P	68.98	15.41	15.44	0.00	-0.03	1.15	0.275	1.00	25	2.69	D				
KBN	AC	HHN	82.6	153	51		60.00	6.43	15.44	0.00		0.00	0.000	1.00				0.88	.89	2.51	L
						S	80.52	26.95	27.02	0.00	-0.07	1.15S	0.361								
BCI	AC	HHZ	121.8	349	51	P	75.43	21.86	22.17	0.00	-0.31	0.37	0.030								
BCI	AC	HHN	121.8	349	51		60.00	6.43	22.17	0.00		0.00	0.000	1.00				0.42	.50	2.48	L
						S	92.33	38.76	38.80	0.00	-0.04	1.15S	0.388								
LSK	AC	HHZ	128.5	170	51	P	77.13	23.56	23.32	0.00	0.24	0.88	0.145								
LSK	AC	HHE	128.5	170	51		60.00	6.43	23.32	0.00		0.00	0.000	1.00				0.68	.80	2.74	L
						S	94.43	40.86	40.81	0.00	0.05	1.15S	0.271								
SRN	AC	HHZ	159.6	191	46	P	82.06	28.49	28.59	0.00	-0.10	1.15	0.195								
SRN	AC	HHE	159.6	191	46		103.70	50.13	50.03	0.00	0.10	1.15S	0.341								
IGT	AC	HHZ	195.5	181	46	P	87.63	34.06	34.31	0.00	-0.25	0.78	0.088								
IGT	AC	HHE	195.5	181	46		113.33	59.76	60.04	0.00	-0.28	0.55S	0.075								

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	09	04	1133	15.53	41 17.91	20E21.16	12.40	0.10	0.55	1.17	1.89	2.53	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	41.2	At1	161	19	0	7	4	8		2.00	0.08	L
											2.00	0.04	D

1 4 SEP 2016, 11:33 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.24 296 70>-< 0.58 89 17>-< 0.38 180 8>

REGION= Lunik, 12 km V të Librazhdit, Rajoni Librazhdit (Lunik, 12 km N of Librazhdi, Librazhdi Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC (TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
TIR	AC	HHZ		41.2	278	101	P		23.57	8.04	7.82	0.00	0.22	1.10	0.313	1.00	22	2.57	D		
TIR	AC	HHN		41.2	278	101		6	0.00-15.53	7.82	0.00		0.00	0.000	1.00			0.53	.11	1.81	L
							S		29.05	13.52	13.68	0.00	-0.16	1.10S	0.721						
PHP	AC	HHZ		43.5	9	100	P		23.73	8.20	8.21	0.00	-0.01	1.10	0.377	1.00	20	2.49	D		
PHP	AC	HHN		43.5	9	100		6	0.00-15.53	8.21	0.00		0.00	0.000	1.00			0.70	.43	1.96	L
							S		29.84	14.31	14.37	0.00	-0.06	1.10S	0.623						
BCI	AC	HHZ		121.0	349	68	P		38.29	22.76	21.28	0.00	0.48	0.00	0.000						
BCI	AC	HHN		121.0	349	68		S	52.80	37.27	37.24	0.00	0.03	1.10S	0.997						
LSK	AC	HHZ		129.2	170	68	P		38.62	23.09	22.60	0.00	0.49	0.38	0.059						
LSK	AC	HHN		129.2	170	68		S	54.98	39.45	39.55	0.00	-0.10	1.10S	0.906						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
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2016-09-04 1141 54.14 41 16.81 20E21.73 6.81 0.08 0.55 1.18 2.42 2.72 2.4

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
10 15 42.3 At1 145 7 0 8 3 10 - 3.00 0.25 L 3.00 0.10 D

1 4 SEP 2016, 11:41 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>-< 14.18 306 89>-< 0.55 249 0>-< 0.34 339 0>

REGION= Lunik, 12 km V të Librazhdit, Rajoni Librazhdit (Lunik, 12 km N of Librazhdi, Librazhdi Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
TIR	AC	HHZ		42.3	281	91	P		62.09	7.95	7.90	0.00	0.05	1.00		0.287	1.00	24	2.62 D
TIR	AC	HHN		42.3	281	91		6	60.00	5.86	7.90	0.00		0.00		0.000	1.00		1.2 .11 2.17 L
							S		67.89	13.75	13.82	0.00	-0.07	1.00S		0.748			
PHP	AC	HHZ		45.4	8	91	P		62.50	8.36	8.44	0.00	-0.08	1.00		0.269	1.00	27	2.72 D
PHP	AC	HHN		45.4	8	91		6	60.00	5.86	8.44	0.00		0.00		0.000	1.00		2.0 .41 2.42 L
							S		68.84	14.70	14.77	0.00	-0.07	1.00S		0.764			
KBN	AC	HHZ		81.2	153	90	P		68.86	14.72	14.58	0.00	0.14	1.00		0.266			
KBN	AC	HHN		81.2	153	90	S		79.52	25.38	25.51	0.00	-0.14	1.00S		0.551			
BCI	AC	HHZ		123.1	349	90	P		76.12	21.98	21.79	0.00	0.19	1.00		0.840			
BCI	AC	HHN		123.1	349	90	S		90.92	36.78	38.13	0.00	-0.35	0.00S		0.000			
LSK	AC	HHZ		127.1	170	90	P		76.66	22.52	22.46	0.00	0.06	1.00		0.272	1.00	39	3.10 D
LSK	AC	HHN		127.1	170	90		6	60.00	5.86	22.46	0.00		0.00		0.000	1.00		0.63 .47 2.70 L
							S		92.37	38.23	39.31	0.00	-0.48	0.00S		0.000			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
2016-09-05 2309 58.00 41 15.93 20E21.06 8.42 0.11 0.56 4.18 2.12 2.32 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 41.7 At1 143 9 0 7 4 8 - 4.00 0.14 L 3.00 0.13 D

1 5 SEP 2016, 23:09 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>-< 15.18 311 89>-< 0.56 73 0>-< 0.30 163 0>

REGION= Lunik, 10 km V të Librazhdit, Rajoni Librazhdit (Lunik, 10 km N of Librazhdi, Librazhdi Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
TIR	AC	HHZ		41.7	283	91	P		66.34	8.34	7.80	0.00	0.44	0.00		0.000	1.00	17	2.32 D
TIR	AC	HHN		41.7	283	91		6	60.00	2.00	7.80	0.00		0.00		0.000	1.00		0.75 .11 1.95 L
							S		71.68	13.68	13.65	0.00	0.03	1.08S		0.976			
PHP	AC	HHZ		47.2	9	91	P		66.60	8.60	8.74	0.00	-0.14	1.08		0.546	1.00	14	2.16 D
PHP	AC	HHN		47.2	9	91		6	60.00	2.00	8.74	0.00		0.00		0.000	1.00		0.73 .40 2.00 L
							S		73.42	15.42	15.30	0.00	0.12	1.08S		0.787			

KBN	AC	HHZ	80.2	152	90	P	72.12	14.12	14.41	0.00	-0.29	0.54	0.100	1.00	19	2.45	D				
KBN	AC	HHN	80.2	152	90	6	60.00	2.00	14.41	0.00		0.00	0.000	1.00			0.48	.40	2.23	L	
						S	83.29	25.29	25.22	0.00	0.07	1.08S	0.626								
LSK	AC	HHZ	125.6	170	90	P	80.13	22.13	22.22	0.00	-0.09	1.08	0.566								
LSK	AC	HHN	125.6	170	90	6	60.00	2.00	22.22	0.00		0.00	0.000	1.00				0.241	1.00	2.27	L
						S	96.96	38.96	38.88	0.00	0.08	1.08S	0.396								

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	09	07	0232	13.67	42 2.74	20E 5.61	6.95	0.09	0.91	2.24	1.69	2.22 1.7

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X
6	9	35.7	Atl	163	8	0	5	3	6	-	3.00	0.02 L	3.00	0.21	D

1 7 SEP 2016, 2:32 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 14.25 63 88>-< 0.92 266 1>-< 0.33 356 0>

REGION= Lumëbardhë, 5km L të Fushe-Arrëz, Rajoni Pukës (Lumëbardhë, 5 km E of Fushe-Arrëzi, Puka Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
BCI	AC	HHZ		35.7	357	92	P		20.30	6.63	6.77	0.00	-0.14	0.99		0.619	1.00	12	2.01	D		
BCI	AC	HHN		35.7	357	92	6		0.00-13.67	6.77	0.00			0.00		0.000	1.00		0.91	.34	1.98	L
							S		25.60	11.93	11.85	0.00	0.08	1.00S		0.877						
PHP	AC	HHZ		49.4	144	91	P		21.93	8.26	9.12	0.00	-0.86*	0.00		0.000	1.00	15	2.22	D		
PHP	AC	HHN		49.4	144	91	6		0.00-13.67	9.12	0.00			0.00		0.000	1.00		0.32	.23	1.67	L
							S		29.63	15.96	15.96	0.00	0.00	1.00S		1.000						
TIR	AC	HHZ		79.8	194	90	P		28.12	14.45	14.34	0.00	0.11	1.00		0.625	1.00	20	2.50	D		
TIR	AC	HHN		79.8	194	90	6		0.00-13.67	14.34	0.00			0.00		0.000	1.00		0.14	.50	1.69	L
							S		38.70	25.03	25.10	0.00	-0.07	1.00S		0.877						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	09	07	1010	56.15	41 17.80	20E21.52	0.09	0.07	0.43	1.00	1.76	1.88 1.8

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X
6	19	41.7	Atl	145	9	0	10	6	12	#	2.00	0.05 L	2.00	0.01	D

1 7 SEP 2016, 10:10 SEQUENCE NO. 1, ID NO. 0

ERROR ELLIPSE: <SERR AZ DIP>-< 1.00 49 85>-< 0.43 261 3>-< 0.24 171 2>

REGION= 2 km VP të Lllange, Rajoni Librazhdit (2 km NW of Lllange, Librazhdi Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
TIR	AC	HHZ		41.7	278	51	P		64.59	8.44	8.42	0.00	0.02	1.06		0.433	1.00	10	1.87 D
TIR	AC	HHE		41.7	278	51	S		70.92	14.77	14.74	0.00	0.03	1.06S		0.646			
TIR	AC	HHN		41.7	278	51		6	60.00	3.85	8.42	0.00		0.00		0.000	1.00		0.44 .11 1.71 L
PHP	AC	HHZ		43.6	9	51	P		64.91	8.76	8.75	0.00	0.01	1.06		0.319	1.00	10	1.88 D
PHP	AC	HHN		43.6	9	51		6	60.00	3.85	8.75	0.00		0.00		0.000	1.00		0.52 .21 1.81 L
							S		71.49	15.34	15.31	0.00	0.03	1.06S		0.517			
KBN	AC	HHE		83.0	154	51	S		83.30	27.15	27.14	0.00	0.01	1.06S		0.481			
KBN	AC	HHZ		83.0	154	51	P		71.69	15.54	15.51	0.00	0.03	1.06		0.411			
BCI	AC	HHZ		121.3	349	51	P		78.07	21.92	22.09	0.00	-0.17	0.95		0.232			
BCI	AC	HHE		121.3	349	51	S		94.83	38.68	38.66	0.00	0.02	1.06S		0.398			
LSK	AC	HHZ		129.0	170	51	P		78.98	22.83	23.40	0.00	-0.57*	0.00		0.000			
LSK	AC	HHN		129.0	170	51	S		97.34	41.19	40.95	0.00	0.24	0.60S		0.126			
SRN	AC	HHZ		160.2	192	46	P		84.40	28.25	28.68	0.00	-0.43	0.00		0.000			
SRN	AC	HHE		160.2	192	46	S		106.28	50.13	50.19	0.00	-0.06	1.06S		0.433			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	09	07	1803	37.42	40 41.65	19E54.68	21.97	0.15	0.36	2.29	2.08	2.64 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
17	24	29.2	At1	81	10	0	15	7	16		5.00 0.16 L	4.00 0.08 D	

1 7 SEP 2016, 18:03 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.29 329 88>-< 0.36 119 1>-< 0.32 210 0>

REGION= 2 Km J-P të Berat, Rajoni Beratit (2 km SW of Berati, Berati Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
FIER	AC	HHZ		29.2	276	90	P		43.95	6.53	6.23	0.00	0.30	0.73		0.083			
VLO	AC	HHN		43.2	235	90		6	0.00-37.42	8.46	0.00			0.00		0.000	1.00		4.8 .20 2.85 L
							S		52.15	14.73	14.81	0.00	-0.08	1.09S		0.279			
VLO	AC	HHZ		43.2	235	90	P		45.70	8.28	8.46	0.00	-0.18	1.09		0.143	1.00	19	2.60 D
TIR	AC	HHE		72.7	357	90		6	60.00	22.58	13.16	0.00		0.00		0.000	1.00		0.16 .28 1.72 L
							S		60.28	22.86	23.03	0.00	-0.17	1.09S		0.392			
TIR	AC	HHZ		72.7	357	90	P		51.26	13.84	13.16	0.00	0.68*	0.00		0.000	1.00	20	2.67 D
KBN	AC	HHZ		74.5	95	90	P		50.48	13.06	13.45	0.00	-0.39	0.30		0.012	1.00	17	2.53 D
KBN	AC	HHN		74.5	95	90	S		60.92	23.50	23.54	0.00	-0.04	1.09S		0.323			
LSK	AC	HHN		84.0	135	90		6	60.00	22.58	14.96	0.00		0.00		0.000	1.00		0.43 .74 2.24 L
							S		63.63	26.21	26.18	0.00	0.03	1.09S		0.291			
LSK	AC	HHZ		84.0	135	90	P		52.42	15.00	14.96	0.00	0.04	1.09		0.138	1.00	22	2.76 D
PHP	AC	HHN		118.6	21	90		6	60.00	22.58	20.49	0.00		0.00		0.000	1.00		0.13 .92 1.97 L
							S		73.24	35.82	35.86	0.00	-0.04	1.09S		0.365			
PHP	AC	HHZ		118.6	21	90	P		58.15	20.73	20.49	0.00	0.24	0.98		0.158			

IGT	AC	HHN	133.9	164	90	S	77.41	39.99	40.13	0.00	-0.14	1.09S	0.257							
IGT	AC	HHZ	133.9	164	90	P	60.52	23.10	22.93	0.00	0.17	1.09	0.124							
SCTE	AC	HHN	140.3	242	90	S	79.51	42.09	41.91	0.00	0.18	1.09S	0.293							
SCTE	AC	HHZ	140.3	242	90	P	61.14	23.72	23.95	0.00	-0.23	1.03	0.135							
SCTE	AC	HHE	140.3	242	90		6	60.00	22.58	23.95	0.00		0.00	0.000	1.00		0.12	.93	2.08	L
LKD2	AC	HHZ	221.0	162	56	P	73.04	35.62	35.62	0.00	0.00	1.09	1.000							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	09	09	0045	22.79	41 6.33	20E10.66	6.26	0.30	1.01	1.54	1.53	2.35	1.5

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X	SOURCE					
	10	15	37.6	At1	141	8	0	10	5	10	3.00	0.29	L	3.00	0.09	D			

1 9 SEP 2016, 0:45 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>< 3.29 43 80>< 1.02 251 8>< 0.46 160 4>

REGION= Shushicë, Rajoni Elbasanit (Shushicë, Elbasani Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
TIR	AC	HHZ		37.6	316	91	P		29.43	6.64	7.09	0.00	-0.45	1.00		0.281	1.00	13	2.08	D		
TIR	AC	HHE		37.6	316	91		6	0.00	-22.79	7.09	0.00		0.00		0.000	1.00		0.12	.15	1.12	L
							S		35.29	12.50	12.41	0.00	0.09	1.12S		0.648						
PHP	AC	HHZ		68.0	18	90	P		34.94	12.15	12.31	0.00	-0.16	1.12		0.268	1.00	19	2.44	D		
PHP	AC	HHN		68.0	18	90		6	0.00	-22.79	12.31	0.00		0.00		0.000	1.00		0.25	.30	1.82	L
							S		44.62	21.83	21.54	0.00	0.29	1.12S		0.662						
KBN	AC	HHZ		74.2	135	90	P		35.87	13.08	13.38	0.00	-0.30	1.12		0.218	1.00	17	2.35	D		
KBN	AC	HHN		74.2	135	90		6	0.00	-22.79	13.38	0.00		0.00		0.000	1.00		0.11	.43	1.53	L
							S		46.00	23.21	23.42	0.00	-0.20	1.12S		0.417						
LSK	AC	HHZ		111.9	161	90	P		43.32	20.53	19.86	0.00	0.67*	0.34		0.025						
LSK	AC	HHE		111.9	161	90	S		57.92	35.13	34.75	0.00	0.38	1.10S		0.463						
IGT	AC	HHZ		175.2	175	68	P		53.59	30.80	30.30	0.00	0.50*	0.87		0.182						
IGT	AC	HHN		175.2	175	68	S		75.61	52.82	53.02	0.00	-0.20	1.12S		0.831						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	09	16	0501	16.37	41 4.94	20E12.56	4.03	0.92	0.05	0.78	2.77	2.8

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X	SOURCE						
	14	21	41.3	At1	120	10	0	14	7	14	#	0.00	0.00	L	3.00	0.00	D			

1 17 SEP 2016, 5:01 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>< 4.78 145 88>< 2.05 83 0>< 1.12 354 1>

REGION= Shushicë, Rajoni Elbasanit (Shushicë, Elbasani Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
TIR	AC	HHZ		41.3	316	51	P		23.33	6.96	8.35	0.00	-0.39*	0.91		0.199	1.00	18	2.37 D
TIR	AC	HHE		41.3	316	51	S		30.15	13.78	14.61	0.00	-0.83*	1.10S		0.427			
PHP	AC	HHZ		69.6	16	51	P		28.85	12.48	13.22	0.00	-0.74*	1.10		0.291	1.00	28	2.77 D
PHP	AC	HHN		69.6	16	51	S		39.94	23.57	23.13	0.00	0.44	1.10S		0.402			
KBN	AC	HHZ		70.5	136	51	P		28.38	12.01	13.37	0.00	-0.36*	0.93		0.199	1.00	28	2.77 D
KBN	AC	HHN		70.5	136	51	S		39.60	23.23	23.40	0.00	-0.17	1.10S		0.483			
VLO	AC	HHZ		91.0	222	51	P		32.94	16.57	16.89	0.00	-0.32	1.10		0.268			
VLO	AC	HHN		91.0	222	51	S		47.15	30.78	29.56	0.00	0.22*	1.04S		0.418			
LSK	AC	HHZ		108.7	162	51	P		35.17	18.80	19.93	0.00	-0.13*	1.07		0.210			
LSK	AC	HHN		108.7	162	51	S		52.70	36.33	34.88	0.00	0.45*	0.86S		0.203			
SRN	AC	HHZ		134.7	188	51	P		39.98	23.61	24.40	0.00	-0.79*	1.10		0.211			
SRN	AC	HHN		134.7	188	51	S		58.27	41.90	42.70	0.00	-0.80*	1.10S		0.311			
BCI	AC	HHE		143.1	356	51	S		62.04	45.67	45.24	0.00	0.43	1.10S		0.330			
BCI	AC	HHZ		143.1	356	51	P		44.07	27.70	25.85	0.00	0.85*	0.43		0.041			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2016-09-17 2005 29.31 41 4.14 20E12.31 0.78 0.04 0.54 1.07 2.43 2.87 2.4

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
 10 15 42.1 At1 130 12 0 8 4 10 3.00 0.01 L 4.00 0.04 D

1 17 SEP 2016, 20:05 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.08 219 80>-< 0.54 70 7>-< 0.24 339 4>

REGION= Shushicë, Rajoni Elbasanit (Shushicë, Elbasani Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
TIR	AC	HHZ		42.1	318	51	P		37.16	7.85	8.38	0.00	-0.43	0.00		0.000	1.00	31	2.83 D
TIR	AC	HHN		42.1	318	51	S	6	0.00-29.31	8.38	0.00			0.00		0.000	1.00		2.2 .23 2.42 L
							S		43.96	14.65	14.66	0.00	-0.02	1.12S		0.774			
KBN	AC	HHZ		69.7	135	51	P		42.40	13.09	13.13	0.00	-0.04	1.12		0.340	1.00	33	2.91 D
KBN	AC	HHN		69.7	135	51	S	6	0.00-29.31	13.13	0.00			0.00		0.000	1.00		1.8 .75 2.70 L
							S		52.24	22.93	22.98	0.00	-0.05	1.12S		0.800			
PHP	AC	HHZ		71.2	16	51	P		42.75	13.44	13.38	0.00	0.06	1.12		0.388	1.00	30	2.83 D
PHP	AC	HHN		71.2	16	51	S	6	0.00-29.31	13.38	0.00			0.00		0.000	1.00		0.93 .54 2.43 L
							S		52.80	23.49	23.42	0.00	0.07	1.12S		0.477			
SRN	AC	HHZ		133.2	188	51	P		53.43	24.12	24.04	0.00	0.08	1.12		0.544	1.00	34	2.99 D
SRN	AC	HHN		133.2	188	51	S		70.17	40.86	42.07	0.00	-0.21	0.00S		0.000			
BCI	AC	HHZ		144.6	356	51	P		55.19	25.88	25.99	0.00	-0.11	1.12		0.342			

BCI AC HHN 144.6 356 51 S 74.78 45.47 45.48 0.00 -0.01 1.12S 0.331

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
2016-09-20 1828 50.97 41 6.83 20E 9.83 6.38 0.13 1.31 2.47 2.86 2.98 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
9 13 36.1 At1 157 8 0 8 4 9 - 3.00 0.27 L 3.00 0.20 D

1 20 SEP 2016, 18:28 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>-< 29.47 261 89>-< 1.31 245 0>-< 0.59 154 0>

REGION= 4km në L të Elbasanit, Rajoni Elbasanit (4 km E of Elbasani, Elbasani Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T	
TIR	AC	HHZ		36.1	317	90	P		57.41	6.44	6.84	0.00	-0.40	1.03		0.321	1.00	29	2.76	D			
TIR	AC	HHN		36.1	317	90		6	60.00	9.03	6.84	0.00		0.00		0.000	1.00			3.4	.34	2.56	L
							S		63.35	12.38	11.97	0.00	0.41	1.02S		0.773							
PHP	AC	HHZ		67.5	19	90	P		62.62	11.65	12.22	0.00	-0.47	0.81		0.142	1.00	36	2.98	D			
PHP	AC	HHN		67.5	19	90		6	60.00	9.03	12.22	0.00		0.00		0.000	1.00			2.8	.40	2.86	L
							S		72.34	21.37	21.38	0.00	-0.01	1.05S		0.646							
KBN	AC	HHZ		75.7	135	90	P		64.46	13.49	13.63	0.00	-0.14	1.05		0.280							
KBN	AC	HHN		75.7	135	90		6	60.00	9.03	13.63	0.00		0.00		0.000	1.00			4.2	.66	3.13	L
							S		75.29	24.32	23.85	0.00	0.47	0.96S		0.649							
LSK	AC	HHZ		113.2	160	90	P		70.86	19.89	20.08	0.00	-0.19	1.05		0.607							
BCI	AC	HHZ		139.4	357	90	P		78.59	27.62	24.58	0.00	0.04	0.00		0.000	1.00	42	3.18	D			
BCI	AC	HHN		139.4	357	90	S		94.16	43.19	43.01	0.00	0.17	1.05S		0.579							

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
2016-09-20 1831 7.10 41 5.91 20E 9.27 16.92 0.04 0.57 1.29 2.78 3.09 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
8 12 36.8 At1 185 12 0 7 4 8 3.00 0.30 L 3.00 0.03 D

1 20 SEP 2016, 18:31 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>-< 1.39 241 68>-< 0.62 61 21>-< 0.44 150 0>

REGION= 5Km ne L te Elbasanit, Rajoni Elbasanit (5km E of Elbasani, Elbasani Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T	
TIR	AC	HHZ		36.8	319	108	P		14.33	7.23	7.28	0.00	-0.05	1.14		0.364	1.00	28	2.81	D			
TIR	AC	HHN		36.8	319	108		6	0.00	-7.10	7.28	0.00		0.00		0.000	1.00			2.4	.41	2.46	L

						S	19.89	12.79	12.74	0.00	0.05	1.14S	0.693								
PHP	AC	HHZ	69.4	20	96	P	19.58	12.48	12.64	0.00	-0.16	1.14	0.239	1.00	37	3.09	D				
PHP	AC	HHN	69.4	20	96	S	29.30	22.20	22.12	0.00	0.08	1.14S	0.822								
KBN	AC	HHZ	75.0	134	95	P	20.73	13.63	13.58	0.00	0.05	1.14	0.875	1.00	38	3.12	D				
KBN	AC	HHN	75.0	134	95		6	0.00	-7.10	13.58	0.00	0.00	0.000	1.00				3.7	.62	3.08	L
						S	31.72	24.62	23.76	0.00	0.45	0.15S	0.027								
BCI	AC	HHZ	141.0	358	71	P	33.40	26.30	24.23	0.00	0.07	0.00	0.000								
BCI	AC	HHN	141.0	358	71		6	0.00	-7.10	24.23	0.00	0.00	0.000	1.00				0.61	.60	2.78	L
						S	49.53	42.43	42.40	0.00	0.03	1.14S	0.976								

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	09	20	2353	37.48	39 58.52	19E58.34	33.38	0.12	1.53	1.23	2.70	2.88	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
14	21	10.9	At1	157	10	0	13	6	14		3.00	0.09	L 2.00 0.20 D

1 20 SEP 2016, 23:53 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.96 194 38>-< 0.84 90 14>-< 0.50 344 47>

REGION= 10Km ne V te Sarandës, Rajoni Sarandës (10km N of Saranda, Saranda Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC (TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
SRN	AC	HHZ		10.9	167	160	P		43.35	5.87	6.00	0.00	-0.13	1.24	0.413	1.00	22	2.68	D		
SRN	AC	HHN		10.9	167	160		6	0.00	-37.48	6.00	0.00		0.00	0.000	1.00		4.5	.23	2.79	L
							S		47.82	10.34	10.50	0.00	-0.16	1.24S	0.491						
LSK	AC	HHZ		56.8	69	112	P		48.82	11.34	11.18	0.00	0.16	1.24	0.204	1.00	29	3.07	D		
LSK	AC	HHN		56.8	69	112		6	0.00	-37.48	11.18	0.00		0.00	0.000	1.00		1.1	.43	2.40	L
							S		56.95	19.47	19.56	0.00	-0.10	1.24S	0.718						
VLO	AC	HHZ		68.2	324	106	P		49.61	12.13	12.84	0.00	-0.51	0.72	0.084						
VLO	AC	HHN		68.2	324	106	S		60.21	22.73	22.47	0.00	0.26	1.24S	0.834						
KBN	AC	HHZ		99.9	43	97	P		55.44	17.96	17.66	0.00	0.30	1.24	0.149						
KBN	AC	HHN		99.9	43	97		6	60.00	22.52	17.66	0.00		0.00	0.000	1.00		0.90	.50	2.70	L
							S		69.50	32.02	30.90	0.00	0.12	0.00S	0.000						
TIR	AC	HHZ		152.7	357	66	P		63.77	26.29	25.60	0.00	0.49	0.77	0.078						
TIR	AC	HHN		152.7	357	66	S		82.04	44.56	44.80	0.00	-0.24	1.24S	0.228						
PHP	AC	HHZ		193.9	11	58	P		69.75	32.27	31.32	0.00	0.35	0.13	0.003						
PHP	AC	HHN		193.9	11	58	S		92.15	54.67	54.81	0.00	-0.14	1.24S	0.252						
BCI	AC	HHZ		265.7	1	58	P		78.63	41.15	40.81	0.00	0.34	1.24	0.291						
BCI	AC	HHN		265.7	1	58	S		108.59	71.11	71.42	0.00	-0.31	1.24S	0.248						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
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2016-09-28 1656 18.55 41 12.82 19E39.74 20.93 0.59 0.00 0.80 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
18 27 22.6 At1 184 11 0 18 9 18 - 0.00 0.00 L 8.00 0.15 D

1 28 SEP 2016, 16:56 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>-< 50.80 0 90>-< 2.00 287 0>-< 0.67 16 0>

REGION= 3Km ne P të Pezës, Rajoni Tiranës (3km W of Peza, 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		22.6	48	90	P		22.97	4.42	5.17	0.00	-0.75*	1.23		0.131	1.00	26		2.75	D	
TIR	AC	HHE		22.6	48	90	S		28.29	9.74	9.05	0.00	0.69*	1.23S		0.280						
BPA2	AC	HHZ		53.8	184	90	P		27.96	9.41	10.15	0.00	-0.74*	1.23		0.128	1.00	36		3.12	D	
BPA2	AC	HHN		53.8	184	90	S		36.37	17.82	17.76	0.00	0.06	1.23S		0.177						
BPA1	AC	HHZ		54.5	181	90	P		29.13	10.58	10.25	0.00	0.33	1.23		0.117						
BPA1	AC	HHN		54.5	181	90	S		36.19	17.64	17.94	0.00	-0.30	1.23S		0.169						
PHP	AC	HHZ		83.5	50	90	P		31.58	13.03	14.88	0.00	-0.85*	0.19		0.998	1.00	32		3.05	D	
PHP	AC	HHN		83.5	50	90	S		44.56	26.01	26.04	0.00	-0.03	1.23S		0.293						
VLO	AC	HHZ		83.9	190	90	P		33.91	15.36	14.95	0.00	0.41	1.23		0.157	1.00	27		2.91	D	
VLO	AC	HHN		83.9	190	90	S		45.72	27.17	26.16	0.00	0.01*	1.17S		0.192						
KBN	AC	HHZ		115.2	124	90	P		38.79	20.24	19.94	0.00	0.30	1.23		0.159	1.00	37		3.20	D	
KBN	AC	HHN		115.2	124	90	S		55.36	36.81	34.89	0.00	0.92*	0.13S		0.007						
BCI	AC	HHZ		132.4	14	90	P		41.05	22.50	22.69	0.00	-0.19	1.23		0.269	1.00	33		3.12	D	
BCI	AC	HHN		132.4	14	90	S		58.50	39.95	39.71	0.00	0.24	1.23S		0.399						
LSK	AC	HHZ		142.2	145	90	P		41.47	22.92	24.25	0.00	-0.33*	0.86		0.055	1.00	42		3.34	D	
LSK	AC	HHN		142.2	145	90	S		61.16	42.61	42.44	0.00	0.17	1.23S		0.425						
SRN	AC	HHZ		150.8	168	90	P		42.61	24.06	25.62	0.00	-0.56*	0.53		0.017	1.00	44		3.38	D	
SRN	AC	HHN		150.8	168	90	S		61.70	43.15	44.83	0.00	-0.69*	0.37S		0.017						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
2016-09-29 2016 23.79 41 4.07 20E 9.95 3.00 0.52 1.40 2.05 2.18 2.76 2.2

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
12 17 40.0 At1 115 6 0 12 5 12 # 2.00 0.03 L 2.00 0.11 D

1 29 SEP 2016, 20:16 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>-< 3.07 263 83>-< 1.41 76 6>-< 0.73 165 0>

REGION= 7Km ne JL të Elbasanit, Rajoni Elbasanit (7km SE of Elbasani, Elbasani Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T
TIR	AC	HHZ		40.0	322	51	P		31.74	7.95	8.14	0.00	-0.19	1.14		0.246	1.00	25		2.65	D	

TIR	AC	HHN	40.0	322	51	6	0.00-23.79	8.14	0.00	0.00	0.000	1.00	1.4	.31	2.20	L
						S	37.97	14.18	14.24	0.00	-0.07	1.14S	0.661			
BPA2	AC	HHZ	59.4	232	51	P	34.78	10.99	11.47	0.00	-0.48	1.14	0.379			
KBN	AC	HHZ	72.0	133	51	P	36.79	13.00	13.63	0.00	-0.43	1.14	0.329			
KBN	AC	HHN	72.0	133	51	S	48.56	24.77	23.85	0.00	0.42	0.87S	0.325			
PHP	AC	HHZ	72.3	18	51	P	37.48	13.69	13.68	0.00	0.01	1.14	0.303	1.00	31	2.86 D
PHP	AC	HHN	72.3	18	51	6	0.00-23.79	13.68	0.00	0.00	0.000	1.00	0.48	.30	2.15	L
						S	47.52	23.73	23.94	0.00	-0.21	1.14S	0.563			
LSK	AC	HHZ	108.3	160	51	P	42.33	18.54	19.87	0.00	-0.33	0.17	0.005			
LSK	AC	HHN	108.3	160	51	S	58.04	34.25	34.77	0.00	-0.42	1.14S	0.459			
SRN	AC	HHZ	132.6	187	51	P	48.50	24.71	24.05	0.00	0.46	1.13	0.258			
SRN	AC	HHN	132.6	187	51	S	66.89	43.10	42.09	0.00	0.31	0.70S	0.227			
BCI	AC	HHZ	144.5	357	51	P	50.50	26.71	26.09	0.00	0.42	1.14	0.239			

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	SOURCE				
2016	09	03	1018	48.42	42	54.78	13E22.42	12.90	0.65	1.66	7.16	4.84	4.8				
NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X		
19	23	235.3	Atl	324	10	0	13	3	15	-	8.00	0.14	L	0.00	0.00	D	
1	3	SEP	2016,	10:18	SEQUENCE NO.	1,	ID NO.	0									
ERROR ELLIPSE: <SERR AZ DIP>-< 48.82 293 49>-< 7.68 41 14>-< 2.73 143 36>																	

REGION= Italia Qëndrore (Central Italy)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
SGRT	AC	HHZ		235.3	122	50	P		89.18	40.76	38.71	0.00	1.05*	0.03		0.000			

SGRT	AC	HHN	235.3	122	50	6	60.00	11.58	38.71	0.00	0.00	0.000	1.00	20	.43	4.83	L
						S	115.85	67.43	67.74	0.00	-0.31	1.19S	0.471				
MRVN	AC	HHZ	311.5	130	50	P	98.41	49.99	48.78	0.00	0.21	0.93	0.287				
MRVN	AC	HHE	311.5	130	50	6	120.00	71.58	48.78	0.00	0.00	0.000	1.00	4.7	.81	4.52	L
						S	133.80	85.38	85.36	0.00	0.02	1.19S	0.642				
NOCI	AC	HHZ	386.9	126	50	P	107.92	59.50	58.75	0.00	0.75*	1.19	0.247				
NOCI	AC	HHE	386.9	126	50	6	120.00	71.58	58.75	0.00	0.00	0.000	1.00	4.5	.50	4.74	L
						S	149.22	100.80	102.81	0.00	-1.01*	0.05S	0.000				
SCTE	AC	HHZ	529.6	124	50	P	126.03	77.61	77.63	0.00	-0.02	1.19	0.199				
SCTE	AC	HHE	529.6	124	50	6	180.00	131.58	77.63	0.00	0.00	0.000	1.00	1.31	.15	4.54	L
						S	184.66	136.24	135.85	0.00	0.39	1.19S	0.367				
BCI	AC	HHZ	552.9	94	50	P	130.26	81.84	80.71	0.00	1.13*	1.02	0.613				
BCI	AC	HHE	552.9	94	50	6	180.00	131.58	80.71	0.00	0.00	0.000	1.00	2.6	.72	4.90	L
TIR	AC	HHZ	564.7	105	50	P	130.44	82.02	82.27	0.00	-0.25	1.19	0.190				
TIR	AC	HHE	564.7	105	50	6	180.00	131.58	82.27	0.00	0.00	0.000	1.00	2.2	.50	4.84	L
PHP	AC	HHZ	599.2	100	50	P	135.70	87.28	86.84	0.00	0.44	1.19	0.304				
PHP	AC	HHN	599.2	100	50	6	180.00	131.58	86.84	0.00	0.00	0.000	1.00	2.7	.50	5.01	L
SRN	AC	HHZ	649.1	119	50	P	140.76	92.34	93.44	0.00	-1.10*	1.05	0.135				
KBN	AC	HHZ	667.6	109	50	P	143.47	95.05	95.89	0.00	-0.84*	1.19	0.180				
KBN	AC	HHN	667.6	109	50	6	180.00	131.58	95.89	0.00	0.00	0.000	1.00	3.7	.50	5.26	L
LSK	AC	HHZ	677.3	114	50	P	145.25	96.83	97.17	0.00	-0.34	1.19	0.185				
IGT	AC	HHZ	694.4	120	50	P	147.18	98.76	99.43	0.00	-0.67*	1.19	0.172				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	09	03	1522	35.59	40 17.65	20E54.51	2.84	0.19	0.78	1.25	1.88	2.32 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
10	15	30.9	At1	203	8	0	9	5	10		3.00	0.09 L	2.00	0.01	D

1 3 SEP 2016, 15:22 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.47 280 57>-< 0.84 102 32>-< 0.45 11 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	
LSK	AC	HHZ		30.9	239	91	P		41.57	5.98	6.19	0.00	-0.21	1.01	0.428	1.00	18	2.33 D	
LSK	AC	HHN		30.9	239	91	6		0.00-35.59	6.19	0.00		0.00	0.000	1.00		2.9	.50	2.43 L
							S		46.37	10.78	10.83	0.00	-0.05	1.01S	0.562				
KBN	AC	HHZ		38.0	345	62	P		43.26	7.67	7.44	0.00	0.23	0.98	0.398	1.00	17	2.31 D	
KBN	AC	HHE		38.0	345	62	6		0.00-35.59	7.44	0.00		0.00	0.000	1.00		0.57	.60	1.79 L
							S		48.36	12.77	13.02	0.00	-0.25	0.96S	0.675				
SRN	AC	HHN		90.1	240	62	6		60.00	24.41	16.39	0.00	0.00	0.000	1.00		0.18	.50	1.88 L
							S		64.46	28.87	28.68	0.00	0.19	1.01S	0.607				

SRN	AC	HHZ	90.1	240	62	P	52.14	16.55	16.39	0.00	0.16	1.01	0.119
IGT	AC	HHZ	98.1	211	62	P	52.53	16.94	17.76	0.00	-0.82*	0.00	0.000
IGT	AC	HHE	98.1	211	62	S	66.58	30.99	31.08	0.00	-0.09	1.01S	0.294
LKD2	AC	HHZ	168.5	188	55	P	65.44	29.85	29.62	0.00	0.23	0.98	0.388
LKD2	AC	HHE	168.5	188	55	S	87.22	51.63	51.83	0.00	-0.20	1.01S	0.526

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	09	06	1106	51.16	39 41.47	20E33.87	28.20	0.21	0.98	0.78	2.76	2.84 2.8

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
11	16	26.8	At1	219	8	0	10	5	11		4.00 0.14 L	3.00 0.03 D	

1 6 SEP 2016, 11:06 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.19 142 35>-< 1.16 271 41>-< 0.49 30 28>

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		26.8	229	132	P		57.77	6.61	6.74	0.00	-0.13	1.16		0.409			
IGT	AC	HHN		26.8	229	132	S		63.08	11.92	11.80	0.00	0.12	1.16S		0.527			
LSK	AC	HHZ		51.0	3	112	P		60.82	9.66	10.04	0.00	-0.38	1.16		0.242	1.00	23	2.81 D
LSK	AC	HHE		51.0	3	112		6	60.00	8.84	10.04	0.00		0.00		0.000	1.00		5.2 .43 2.96 L
										68.84	17.68	17.57	0.00	0.11	1.16S		0.675		
SRN	AC	HHZ		52.7	294	111	P		61.40	10.24	10.28	0.00	-0.04	1.16		0.203	1.00	24	2.84 D
SRN	AC	HHN		52.7	294	111		6	60.00	8.84	10.28	0.00		0.00		0.000	1.00		2.3 .36 2.63 L
										69.14	17.98	17.99	0.00	-0.01	1.16S		0.798		
KBN	AC	HHZ		105.3	10	97	P		69.87	18.71	18.45	0.00	0.26	1.16		0.268	1.00	28	3.02 D
KBN	AC	HHN		105.3	10	97		6	60.00	8.84	18.45	0.00		0.00		0.000	1.00		0.71 .83 2.62 L
										82.63	31.47	32.29	0.00	-0.42	0.24S		0.021		
SCTE	AC	HHZ		184.4	285	62	P		80.45	29.29	30.44	0.00	-0.55*	0.00		0.000			
PHP	AC	HHZ		221.6	358	56	P		87.30	36.14	35.42	0.00	0.72*	0.46		0.082			
PHP	AC	HHN		221.6	358	56		6	60.00	8.84	35.42	0.00		0.00		0.000	1.00		0.26 .51 2.89 L
										113.12	61.96	61.98	0.00	-0.03	1.16S		0.770		

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	09	06	1935	1.84	39 43.95	20E34.21	4.24	0.12	0.65	2.08	1.13	2.23 2.2

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
9	13	30.4	At1	173	11	0	6	3	8	-	1.00 0.00 L	2.00 0.01 D	

1 6 SEP 2016, 19:35 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 16.08 0 90>-< 0.65 252 0>-< 0.40 342 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
IGT	AC	HHZ		30.4	223	90	P		7.38	5.54	6.41	0.00	-0.47	0.03		0.999			
IGT	AC	HHN		30.4	223	90	S		13.19	11.35	11.22	0.00	0.13	1.16S		0.530			
LSK	AC	HHZ		46.4	2	90	P		10.91	9.07	8.97	0.00	0.10	1.16		0.745	1.00	13	2.22 D
LSK	AC	HHE		46.4	2	90	S		18.69	16.85	15.70	0.00	1.15*	0.00S		0.000			
SRN	AC	HHZ		51.5	289	90	P		11.41	9.57	9.78	0.00	-0.21	1.16		0.257	1.00	13	2.23 D
SRN	AC	HHE		51.5	289	90	S		18.98	17.14	17.11	0.00	0.02	1.16S		0.581			
SRN	AC	HHN		51.5	289	90		6	0.00	-1.84	9.78	0.00		0.00		0.000	1.00		0.08 .40 1.13 L
LKD2	AC	HHZ		105.0	175	90	P		20.22	18.38	18.32	0.00	0.06	1.16		0.338			
LKD2	AC	HHE		105.0	175	90	S		33.79	31.95	32.06	0.00	-0.11	1.16S		0.546			

YEAR MO DA --ORIGIN-- --LAT N-- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
2016-09-07 0517 48.05 38 19.11 20E30.35 23.23 0.57 4.89 2.50 3.37 3.7

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X
15	20	53.9	At1	305	10	0	12	4	14		4.00	0.18 L	0.00 0.00 D

1 7 SEP 2016, 5:17 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>-< 4.90 97 3>-< 3.11 192 53>-< 2.73 4 36>

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		53.9	14	90	P		57.73	9.68	10.16	0.00	-0.48	1.09		0.501			
LKD2	AC	HHE		53.9	14	90	S		62.06	14.01	17.78	0.00	-0.77*	0.00S		0.000			
IGT	AC	HHZ		135.5	354	90	P		71.96	23.91	23.18	0.00	0.43	1.09		0.275			
IGT	AC	HHE		135.5	354	90	S		88.44	40.39	40.57	0.00	-0.18	1.09S		0.706			
SRN	AC	HHZ		178.8	347	62	P		78.69	30.64	30.01	0.00	0.23	1.09		0.134			
SRN	AC	HHE		178.8	347	62		6	60.00	11.95	30.01	0.00		0.00		0.000	1.00		0.63 .54 3.04 L
							S		100.29	52.24	52.52	0.00	-0.28	1.09S		0.427			
LSK	AC	HHZ		203.5	2	56	P		82.59	34.54	33.46	0.00	0.48	0.94		0.135			
LSK	AC	HHN		203.5	2	56		6	60.00	11.95	33.46	0.00		0.00		0.000	1.00		2.6 .51 3.80 L
							S		107.41	59.36	58.56	0.00	0.80*	1.08S		0.359			
KBN	AC	HHZ		257.1	5	56	P		90.54	42.49	40.55	0.00	0.94*	0.06		0.000			
KBN	AC	HHE		257.1	5	56		6	60.00	11.95	40.55	0.00		0.00		0.000	1.00		0.57 .89 3.40 L
							S		118.61	70.56	70.96	0.00	-0.40	1.09S		0.417			
SCTE	AC	HHZ		262.9	319	56	P		89.23	41.18	41.32	0.00	-0.14	1.09		0.589			
SCTE	AC	HHE		262.9	319	56		6	60.00	11.95	41.32	0.00		0.00		0.000	1.00		0.47 .37 3.34 L
TIR	AC	HHZ		340.8	351	56	P		99.28	51.23	51.62	0.00	-0.39	1.09		0.140			
PHP	AC	HHZ		373.8	0	56	P		103.73	55.68	55.99	0.00	-0.31	1.09		0.166			
BCI	AC	HHZ		451.0	356	56	P		113.47	65.42	66.21	0.00	-0.79*	1.09		0.144			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2016-09-08 0048 42.22 39 59.27 20E43.70 6.24 0.05 0.70 2.06 1.25 2.38 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
 8 12 21.1 At1 211 9 0 6 4 8 - 2.00 0.29 L 2.00 0.06 D

1 8 SEP 2016, 0:48 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 12.07 306 88>-< 0.70 113 1>-< 0.27 204 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		
LSK	AC	HHZ		21.1	329	91	P		46.22	4.00	4.26	0.00	-0.26	0.07		0.001	1.00	19		2.32	D			
LSK	AC	HHN		21.1	329	91		6	0.00	-42.22	4.26	0.00		0.00		0.000	1.00			0.46	.20	1.53	L	
							S		49.75	7.53	7.45	0.00	0.08	1.15S		0.998								
IGT	AC	HHZ		61.1	215	90	P		53.02	10.80	11.12	0.00	-0.32	0.00		0.000								
IGT	AC	HHE		61.1	215	90	S		61.71	19.49	19.46	0.00	0.03	1.15S		0.859								
SRN	AC	HHZ		63.4	260	90	P		53.73	11.51	11.51	0.00	0.00	1.15		0.231	1.00	19		2.44	D			
SRN	AC	HHN		63.4	260	90		6	60.00	17.78	11.51	0.00		0.00		0.000	1.00				0.04	.34	0.96	L
							S		62.31	20.09	20.14	0.00	-0.05	1.15S		0.851								
KBN	AC	HHZ		70.8	4	90	P		55.04	12.82	12.79	0.00	0.03	1.15		0.444								
KBN	AC	HHE		70.8	4	90	S		64.54	22.32	22.38	0.00	-0.06	1.15S		0.612								

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2016-09-08 1531 1.96 37 56.76 19E54.49 6.34 0.46 3.52 3.38 4.05 3.78 4.0

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
 15 20 114.2 At1 299 21 0 11 5 14 # 3.00 0.08 L 2.00 0.03 D

1 8 SEP 2016, 15:31 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 4.88 122 43>-< 2.36 9 22>-< 1.72 261 38>

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		114.2	34	90	P		21.50	19.54	20.25	0.00	-0.41	1.00		0.353								
LKD2	AC	HHE		114.2	34	90	S		37.11	35.15	35.44	0.00	-0.29	1.00S		0.534								
IGT	AC	HHZ		179.8	11	68	P		33.21	31.25	31.05	0.00	0.20	1.00		0.143								
IGT	AC	HHE		179.8	11	68	S		56.52	54.56	54.34	0.00	0.22	1.00S		0.290								
SRN	AC	HHZ		214.8	2	68	P		38.06	36.10	36.64	0.00	-0.44	1.00		0.200	1.00	76		3.75	D			
SRN	AC	HHE		214.8	2	68		6	60.00	58.04	36.64	0.00		0.00		0.000	1.00				3.5	.98	3.97	L

	STATION	AZM	DIP	DEPTH	P/S	WT	SEC	TOBS	TCAL	DLY	RES	WT	SR	INFO	CAL	DUR	W-FMAG	T-AMP	PER	W-XMAG	T-L	
	LSK AC HHZ	251.9	13	50	P		66.42	64.46	64.12	0.00	0.34	1.00S		0.409								
	LSK AC HHE	251.9	13	50		6	60.00	58.04	41.61	0.00		0.00		0.000	1.00		78	3.80	D			
							74.59	72.63	72.82	0.00	-0.19	1.00S		0.687								
	SCTE AC HHZ	267.5	333	50	P		46.03	44.07	43.68	0.00	0.39	1.00		0.344								
	SCTE AC HHE	267.5	333	50	S		77.65	75.69	76.44	0.00	-0.75*	1.00S		0.496								
	KBN AC HHZ	306.8	14	50	P		50.83	48.87	48.88	0.00	-0.01	1.00		0.274								
	TIR AC HHZ	377.7	0	50	P		57.86	55.90	58.26	0.00	-1.36*	0.00		0.000								
	PHP AC HHZ	417.6	6	50	P		62.48	60.52	63.54	0.00	-1.02*	0.00		0.000								
	PHP AC HHN	417.6	6	50		6	60.00	58.04	63.54	0.00		0.00		0.000	1.00			0.75	.34			4.05 L
	BCI AC HHZ	491.0	1	50	P		72.86	70.90	73.25	0.00	-1.35*	0.00		0.000								

YEAR MO DA --ORIGIN-- --LAT N-- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2016-09-11 0457 57.51 41 59.53 21E32.11 2.48 0.20 2.86 1.92 4.32 3.85 4.3

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
 14 21 97.1 At1 271 8 0 12 5 14 3.00 0.21 L 5.00 0.18 D

1 11 SEP 2016, 4:57 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 4.85 49 53>-< 2.00 248 34>-< 1.04 152 9>

REGION= Maqedoni (Macedonia)

	STATION	AZM	DIP	DEPTH	P/S	WT	SEC	TOBS	TCAL	DLY	RES	WT	SR	INFO	CAL	DUR	W-FMAG	T-AMP	PER	W-XMAG	T-L	
	PHP AC HHZ	97.1	250	62	P		75.58	18.07	17.63	0.00	0.44	1.02		0.335	1.00	97	3.85	D				
	PHP AC HHN	97.1	250	62		6	60.00	2.49	17.63	0.00		0.00		0.000	1.00				22	.20		4.02 L
							86.15	28.64	30.85	0.00	-0.21	0.00S		0.000								
	BCI AC HHZ	128.2	290	62	P		80.13	22.62	22.97	0.00	-0.35	1.02		0.340	1.00	74	3.65	D				
	BCI AC HHN	128.2	290	62		6	60.00	2.49	22.97	0.00		0.00		0.000	1.00				26	.66		4.32 L
							97.64	40.13	40.20	0.00	-0.07	1.02S		0.647								
	TIR AC HHZ	156.4	244	55	P		85.86	28.35	27.73	0.00	0.42	0.97		0.144	1.00	93	3.87	D				
	TIR AC HHN	156.4	244	55	S		105.73	48.22	48.53	0.00	-0.31	1.02S		0.501								
	KBN AC HHZ	164.4	203	55	P		86.72	29.21	29.00	0.00	0.21	1.02		0.214	1.00	68	3.61	D				
	KBN AC HHN	164.4	203	55	S		107.63	50.12	50.75	0.00	-0.43	0.97S		0.270								
	LSK AC HHZ	219.2	202	55	P		94.87	37.36	37.75	0.00	-0.39	1.02		0.217	1.00	105	4.03	D				
	LSK AC HHN	219.2	202	55		6	120.00	62.49	37.75	0.00		0.00		0.000	1.00				12	.68		4.53 L
							123.65	66.14	66.06	0.00	0.08	1.02S		0.296								
	SRN AC HHZ	267.8	210	43	P		101.73	44.22	44.26	0.00	-0.04	1.02		0.215								
	SRN AC HHN	267.8	210	43	S		136.58	79.07	77.45	0.00	0.32	0.00S		0.000								
	IGT AC HHZ	291.6	201	43	P		104.49	46.98	47.40	0.00	-0.41	1.02		0.284								
	IGT AC HHN	291.6	201	43	S		141.20	83.69	82.95	0.00	0.54	0.85S		0.531								

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

2016-09-11 1319 10.41 41 56.83 21E26.65 3.02 0.40 0.08 0.23 3.09 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
10 15 88.3 At1 267 10 0 10 5 10 # 0.00 0.00 L 4.00 0.13 D

1 11 SEP 2016, 13:19 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>-< 4.46 58 46>-< 1.81 251 42>-< 0.95 154 7>

REGION= Maqedoni (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
PHP	AC	HHZ		88.3	252	51	P		26.56	16.15	16.43	0.00	-0.28	1.14	0.308	1.00	27	2.76	D
PHP	AC	HHN		88.3	252	51	S		38.66	28.25	28.75	0.00	-0.50*	1.13S	0.708				
BCI	AC	HHZ		123.0	293	51	P		32.66	22.25	22.39	0.00	-0.14	1.14	0.438	1.00	37	3.06	D
BCI	AC	HHN		123.0	293	51	S		49.72	39.31	39.18	0.00	0.13	1.14S	0.803				
TIR	AC	HHZ		147.5	244	51	P		37.34	26.93	26.59	0.00	0.34	1.14	0.329				
TIR	AC	HHN		147.5	244	51	S		57.87	47.46	46.53	0.00	0.93*	0.33S	0.064				
KBN	AC	HHZ		156.9	201	46	P		38.22	27.81	28.17	0.00	-0.36	1.14	0.348	1.00	38	3.11	D
KBN	AC	HHN		156.9	201	46	S		59.13	48.72	49.30	0.00	-0.58*	1.08S	0.411				
LSK	AC	HHZ		211.9	200	46	P		48.13	37.72	36.93	0.00	0.79*	0.64	0.115	1.00	46	3.32	D
LSK	AC	HHE		211.9	200	46	S		75.44	65.03	64.63	0.00	0.40	1.14S	0.472				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
2016-09-11 1310 5.33 41 57.95 21E32.83 6.03 0.65 0.37 0.20 4.90 4.9

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
14 21 97.1 At1 271 10 0 14 7 14 # 0.00 0.00 L 7.00 0.21 D

1 11 SEP 2016, 13:10 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>-< 6.82 57 37>-< 2.21 261 49>-< 1.51 156 12>

REGION= Maqedoni (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
PHP	AC	HHN		97.1	252	51	S		35.07	29.74	31.40	0.00	-0.66*	0.25S	0.048				
PHP	AC	HHZ		97.1	252	51	P		22.35	17.02	17.94	0.00	-0.92*	1.13	0.312	1.00	257	4.67	D
BCI	AC	HHN		130.1	291	51	S		47.49	42.16	41.33	0.00	0.82*	1.15S	0.641				
BCI	AC	HHZ		130.1	291	51	P		28.29	22.96	23.62	0.00	-0.66*	1.16	0.373	1.00	249	4.68	D
TIR	AC	HHE		156.0	245	46	S		54.63	49.30	49.03	0.00	0.26	1.16S	0.560				
TIR	AC	HHZ		156.0	245	46	P		33.30	27.97	28.02	0.00	-0.05	1.16	0.194	1.00	117	4.06	D
KBN	AC	HHE		162.1	204	46	S		55.39	50.06	50.73	0.00	-0.67*	1.16S	0.312				
KBN	AC	HHZ		162.1	204	46	P		34.04	28.71	28.99	0.00	-0.28	1.16	0.229	1.00	211	4.56	D
LSK	AC	HHE		216.9	202	46	S		72.82	67.49	66.01	0.00	1.48*	0.47S	0.051				

LSK	AC	HHZ	216.9	202	46	P	42.26	36.93	37.72	0.00	-0.79*	1.16	0.238	1.00	253	4.77	D	
VLO	AC	HHN	239.3	227	37	S	77.01	71.68	71.57	0.00	0.10	1.16S	0.304					
VLO	AC	HHZ	239.3	227	37	P	47.64	42.31	40.90	0.00	1.41*	0.57	0.040	1.00	115	4.12	D	
SRN	AC	HHE	265.8	210	37	S	83.63	78.30	77.70	0.00	0.60*	1.16S	0.432					
SRN	AC	HHZ	265.8	210	37	P	49.14	43.81	44.40	0.00	-0.59*	1.16	0.261	1.00	112	4.12	D	

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-09-11	1407	20.91	41	58.03	21E24.63	6.02	0.59	0.95	0.68		3.04	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	
8	12	86.5	At1	266	8	0	8	4	8	#	0.00	0.00	L	2.00	0.01	D

1 11 SEP 2016, 14:07 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 6.91 60 55>-< 2.63 246 34>-< 1.68 154 3>

REGION= Maqedoni (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T	
PHP	AC	HHZ		86.5	250	51	P		36.26	15.35	16.11	0.00	-0.76*	0.96		0.306	1.00	38	3.04	D
PHP	AC	HHN		86.5	250	51	S		48.40	27.49	28.19	0.00	-0.70*	1.01S		0.424				
BCI	AC	HHZ		119.5	293	51	P		42.19	21.28	21.79	0.00	-0.51*	1.04		0.453	1.00	36	3.03	D
BCI	AC	HHN		119.5	293	51	S		59.46	38.55	38.13	0.00	0.42	1.04S		0.819				
TIR	AC	HHZ		146.0	243	51	P		48.09	27.18	26.34	0.00	0.84*	0.85		0.252				
TIR	AC	HHE		146.0	243	51	S		67.64	46.73	46.10	0.00	0.63*	1.03S		0.467				
LSK	AC	HHZ		213.1	199	46	P		58.48	37.57	37.12	0.00	0.45	1.04		0.455				
LSK	AC	HHE		213.1	199	46	S		85.52	64.61	64.96	0.00	-0.35	1.04S		0.820				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-09-12	1753	51.87	41	57.69	21E28.54	4.03	0.75	0.00	0.37		3.91	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	
14	21	91.3	At1	269	10	0	13	7	14	#	0.00	0.00	L	7.00	0.07	D

REGION= Maqedoni (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T	
PHP	AC	HHZ		91.3	251	51	P		68.37	16.50	16.95	0.00	-0.45	1.11		0.225	1.00	88	3.76	D
PHP	AC	HHN		91.3	251	51	S		80.59	28.72	29.66	0.00	-0.94*	1.09S		0.386				
BCI	AC	HHZ		124.8	292	51	P		73.68	21.81	22.69	0.00	-0.88*	1.11		0.358	1.00	71	3.61	D
BCI	AC	HHN		124.8	292	51	S		92.08	40.21	39.71	0.00	0.50*	1.11S		0.676				
TIR	AC	HHZ		150.5	244	51	P		78.75	26.88	27.12	0.00	-0.24	1.11		0.234	1.00	84	3.77	D

TIR	AC	HHN	150.5	244	51	S	99.71	47.84	47.46	0.00	0.38	1.11S	0.422						
KBN	AC	HHZ	159.4	202	46	P	80.21	28.34	28.55	0.00	-0.21	1.11	0.226	1.00	73	3.66	D		
KBN	AC	HHE	159.4	202	46	S	101.13	49.26	49.96	0.00	-0.70*	1.11S	0.259						
LSK	AC	HHZ	214.3	201	46	P	90.12	38.25	37.31	0.00	0.94*	1.10	0.222	1.00	75	3.74	D		
LSK	AC	HHN	214.3	201	46	S	117.90	66.03	65.29	0.00	0.74*	1.11S	0.265						
VLO	AC	HHZ	234.7	226	37	P	94.14	42.27	40.29	0.00	0.98*	0.07	0.000	1.00	64	3.62	D		
VLO	AC	HHN	234.7	226	37	S	123.69	71.82	70.51	0.00	0.31*	0.77S	0.177						
SRN	AC	HHZ	262.4	209	37	P	94.96	43.09	43.96	0.00	-0.87*	1.11	0.214	1.00	78	3.81	D		
SRN	AC	HHN	262.4	209	37	S	127.64	75.77	76.93	0.00	-1.16*	0.94S	0.328						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	09	16	0655	15.23	39 10.80	23E28.95	42.88	0.33	8.39	22.09	4.43	4.43	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	
11	16	248.6	At1	302	14	0	10	4	11	-	3.00	0.10	L	4.00	0.08	D

1 16 SEP 2016, 6:55 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 23.63 116 69>-< 2.77 249 14>-< 1.83 342 14>

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		248.6	261	68	P		52.77	37.54	37.87	0.00	-0.33	1.11		0.881							
LKD2	AC	HHN		248.6	261	68	S		78.54	63.31	66.27	0.00	-2.96*	0.00S		0.000							
LSK	AC	HHZ		269.9	295	68	P		56.13	40.90	40.69	0.00	0.21	1.11		0.284	1.00	94	4.37	D			
LSK	AC	HHN		269.9	295	68		6	60.00	44.77	40.69	0.00		0.00		0.000	1.00		6.8	.75	4.53	L	
									85.23	70.00	71.21	0.00	-1.21*	0.19S		0.016							
IGT	AC	HHZ		274.6	280	68	P		56.45	41.22	41.31	0.00	-0.09	1.11		0.218							
KBN	AC	HHZ		280.8	306	68	P		58.12	42.89	42.13	0.00	0.76*	0.93		0.209	1.00	89	4.34	D			
KBN	AC	HHN		280.8	306	68		6	60.00	44.77	42.13	0.00		0.00		0.000	1.00		4.91	.53	4.43	L	
									88.96	73.73	73.73	0.00	0.00	1.11S		0.379							
SRN	AC	HHZ		309.4	286	68	P		60.91	45.68	45.91	0.00	-0.23	1.11		0.238	1.00	102	4.48	D			
SRN	AC	HHN		309.4	286	68		6	60.00	44.77	45.91	0.00		0.00		0.000	1.00		1.3	.60	3.97	L	
									95.89	80.66	80.34	0.00	0.32	1.11S		0.641							
PHP	AC	HHZ		379.5	319	68	P		70.46	55.23	55.18	0.00	0.05	1.11		0.413	1.00	127	4.73	D			
PHP	AC	HHN		379.5	319	68	S		111.40	96.17	96.57	0.00	-0.40	1.11S		0.718							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	09	19	0359	41.24	38 08.63	20E 1.04	45.86	0.15	2.92	3.69	4.82	4.92	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	192.5	At1	321	14	0	15	6	17	-	3.00	0.27	L	4.00	0.09	D

1 19 SEP 2016, 3:59 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 63.38 171 67>-< 5.65 272 4>-< 4.27 4 21>

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		192.5	7	68	P		71.54	30.30	30.30	0.00	0.00	1.06		0.139						
IGT	AC	HHN		192.5	7	68	S		94.91	53.67	53.02	0.00	0.35	1.06S		0.238						
SRN	AC	HHZ		229.8	359	68	P		77.20	35.96	35.23	0.00	0.23	1.06		0.150	1.00	166		4.85	D	
SRN	AC	HHN		229.8	359	68		6	60.00	18.76	35.23	0.00		0.00		0.000	1.00			10	.80	4.55 L
							S		103.51	62.27	61.65	0.00	0.22	1.06S		0.454						
LSK	AC	HHZ		263.9	10	68	P		81.13	39.89	39.75	0.00	0.14	1.06		0.203	1.00	140		4.74	D	
LSK	AC	HHN		263.9	10	68		6	60.00	18.76	39.75	0.00		0.00		0.000	1.00			29	.68	5.15 L
							S		111.78	70.54	69.56	0.00	0.48	1.06S		0.329						
SCTE	AC	HHZ		286.8	332	68	P		85.78	44.54	42.77	0.00	0.47	0.66		0.171						
SCTE	AC	HHN		286.8	332	68	S		115.82	74.58	74.85	0.00	-0.27	1.06S		0.890						
VLO	AC	HHZ		299.0	351	68	P		85.62	44.38	44.39	0.00	-0.01	1.06		0.211						
KBN	AC	HHZ		318.7	11	68	P		88.85	47.61	46.99	0.00	0.42	1.06		0.238	1.00	177		4.99	D	
KBN	AC	HHN		318.7	11	68		6	120.00	78.76	46.99	0.00		0.00		0.000	1.00			8.6	.56	4.82 L
							S		122.14	80.90	82.23	0.00	-0.33	0.96S		0.329						
TIR	AC	HHZ		393.0	358	68	P		97.98	56.74	56.83	0.00	-0.09	1.06		0.159	1.00	170		5.02	D	
TIR	AC	HHN		393.0	358	68	S		139.00	97.76	99.45	0.00	-0.49	0.72S		0.228						
PHP	AC	HHZ		431.4	4	68	P		102.08	60.84	61.90	0.00	-0.06	1.05		0.121						
PHP	AC	HHN		431.4	4	68	S		144.90	103.66	108.32	0.00	-0.47	0.00S		0.000						
BCI	AC	HHZ		505.9	0	68	P		111.83	70.59	71.75	0.00	-0.46	1.03		0.134						
BCI	AC	HHN		505.9	0	68	S		161.44	120.20	125.56	0.00	-0.36	0.00S		0.000						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2016-09-23 1248 26.91 38 44.63 22E10.74 179.78 0.39 27.76 10.83 4.29 4.3

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
 13 13 226.3 At1 320 12 0 8 0 10 - 3.00 0.20 L 0.00 0.00 D

1 23 SEP 2016, 12:48 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 29.80 137 21>-< 9.22 316 68>-< 3.99 228 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	
LSK	AC	HHZ		207.1	320	128	P		62.75	35.84	38.39	0.00	-2.55*	0.00		0.000						
LSK	AC	HHE		207.1	320	128		6	60.00	33.09	38.39	0.00		0.00		0.000	1.00			7.9	.69	4.60 L
SRN	AC	HHZ		226.3	305	125	P		67.04	40.13	40.42	0.00	-0.29	1.13		0.564						
SRN	AC	HHN		226.3	305	125		6	60.00	33.09	40.42	0.00		0.00		0.000	1.00			2.1	.50	4.09 L
KBN	AC	HHZ		240.5	331	123	P		68.70	41.79	41.96	0.00	-0.17	1.13		0.451						

KBN	AC	HHE	240.5	331	123	6	60.00	33.09	41.96	0.00	0.00	0.000	1.00	3.11.13	4.29	L
VLO	AC	HHZ	299.7	311	117	P	76.28	49.37	48.69	0.00	0.68*	1.11	0.536			
TIR	AC	HHZ	350.1	327	114	P	81.99	55.08	54.70	0.00	0.38	1.13	0.524			
SCTE	AC	HHZ	352.3	297	113	P	82.07	55.16	54.96	0.00	0.20	1.13	0.454			
PHP	AC	HHZ	358.5	337	113	P	82.20	55.29	55.71	0.00	-0.42	1.13	0.370			
BCI	AC	HHZ	440.3	337	109	P	92.84	65.93	65.79	0.00	0.14	1.13	0.516			
NOCI	AC	HHZ	493.8	300	106	P	98.95	72.04	72.53	0.00	-0.49	1.13	0.582			
SGRT	AC	HHZ	640.6	304	102	P	116.46	89.55	91.30	0.00	-1.75*	0.00	0.000			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2016	09	23	2311	26.38	45 77.72	26E62.62	1.74	0.27	3.05	3.83	5.68	5.51	5.7

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
14	20	507.3	At1	340	11	0	12	4	14	-	2.00	0.10	L	6.00	0.15	D

1 23 SEP 2016, 23:11 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 56.34 47 36>-< 10.73 316 1>-< 2.54 223 53>

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		
BCI	AC	HHZ	507.3	239	37	P		101.79	75.41	76.05	0.00	-0.44	1.01	0.962	1.00	202	4.85	D			
BCI	AC	HHN	507.3	239	37		6	120.00	93.62	76.05	0.00		0.00	0.000	1.00			24	.63	5.77	L
							S	156.74	130.36	133.09	0.00	-0.43	0.00	S	0.000						
PHP	AC	HHZ	530.9	231	37	P		105.91	79.53	79.17	0.00	0.36	1.01	0.175	1.00	382	5.41	D			
PHP	AC	HHN	530.9	231	37		6	120.00	93.62	79.17	0.00		0.00	0.000	1.00			14	.86	5.58	L
							S	165.36	138.98	138.55	0.00	0.43	1.01	S	0.421						
TIR	AC	HHZ	591.7	231	37	P		114.35	87.97	87.22	0.00	0.45	1.01	0.175	1.00	464	5.63	D			
TIR	AC	HHN	591.7	231	37	S		178.47	152.09	152.64	0.00	-0.35	1.01	S	0.421						
KBN	AC	HHZ	599.4	220	37	P		115.15	88.77	88.24	0.00	0.43	1.01	0.198	1.00	443	5.60	D			
KBN	AC	HHN	599.4	220	37	S		181.59	155.21	154.42	0.00	0.49	1.01	S	0.374						
LSK	AC	HHZ	651.5	219	37	P		120.72	94.34	95.12	0.00	-0.48	1.01	0.228	1.00	306	5.34	D			
LSK	AC	HHE	651.5	219	37	S		192.15	165.77	166.46	0.00	-0.49	1.01	S	0.486						
BPA1	AC	HHZ	653.1	228	37	P		120.87	94.49	95.34	0.00	-0.45	1.00	0.209							
BPA2	AC	HHZ	654.8	228	37	P		123.07	96.69	95.56	0.00	0.33	0.87	0.158							
SRN	AC	HHZ	705.9	221	37	P		128.46	102.08	102.32	0.00	-0.24	1.01	0.187	1.00	649	6.02	D			
SRN	AC	HHN	705.9	221	37	S		202.35	175.97	179.06	0.00	-0.41	0.00	S	0.000						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	09	27	2056	58.69	35 51.21	26E58.46	79.34	1.77	9.34	9.21	5.23	5.2

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
 18 22 636.2 At1 335 9 0 15 4 15 - 6.00 0.10 L 0.00 0.00 D

1 27 SEP 2016, 20:56 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 99.00 134 36>-< 27.63 38 6>-< 6.76 299 52>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
THE	AC	HHZ		636.2	328	37	P	151.73	93.04	93.40	0.00	-0.36	1.14		0.716				
LKD2	AC	HHZ		648.3	303	37	P	157.18	98.49	95.00	0.00	0.49	0.64		0.158				
LKD2	AC	HHN		648.3	303	37	S	223.31164	62166.25	0.00	-0.63*	1.14S		0.869					
LSK	AC	HHZ		736.0	313	37	P	167.66108	97106.60	0.00	0.37	1.11		0.137					
LSK	AC	HHN		736.0	313	37		6	240.00181	31106.60	0.00		0.00		0.000	1.00		6.0 .80	5.58 L
							S		246.94188	25186.55	0.00	0.70*	1.14S		0.620				
KBN	AC	HHZ		757.9	317	37	P	170.06111	37109.49	0.00	0.88*	1.14		0.119					
KBN	AC	HHN		757.9	317	37		6	240.00181	31109.49	0.00		0.00		0.000	1.00		2.5 .95	5.23 L
							S		253.71195	02191.61	0.00	1.41*	0.68S		0.295				
SRN	AC	HHZ		759.8	309	37	P	169.66110	97109.75	0.00	1.22*	1.14		0.190					
SRN	AC	HHE		759.8	309	37		6	240.00181	31109.75	0.00		0.00		0.000	1.00		2.51.05	5.23 L
							S		246.45187	76192.06	0.00	-0.30	0.24S		0.020				
VLO	AC	HHZ		832.7	311	37	P	178.01119	32119.39	0.00	-0.07	1.14		0.162					
BPA1	AC	HHZ		838.7	313	37	P	176.01117	32120.18	0.00	-0.86*	0.96		0.103					
BPA2	AC	HHZ		841.7	313	37	P	178.96120	27120.57	0.00	-0.30	1.14		0.144					
PHP	AC	HHZ		861.6	321	37	P	180.47121	78123.20	0.00	-1.42*	1.14		0.139					
PHP	AC	HHN		861.6	321	37		6	240.00181	31123.20	0.00		0.00		0.000	1.00		1.11.51	5.02 L
TIR	AC	HHZ		869.9	317	37	P	181.70123	01124.30	0.00	-1.29*	1.14		0.119					
TIR	AC	HHN		869.9	317	37		6	240.00181	31124.30	0.00		0.00		0.000	1.00		1.4 .86	5.12 L
BCI	AC	HHZ		938.5	323	37	P	189.99131	30133.38	0.00	-1.08*	1.14		0.201					
BCI	AC	HHE		938.5	323	37		6	240.00181	31133.38	0.00		0.00		0.000	1.00		1.8 .56	5.31 L

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2016-09-28 0717 37.19 37 0.51 21E 1.08 136.12 0.55 2.98 6.58 5.12 5.1

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
 24 34 200.1 At1 299 14 0 22 9 24 3.00 0.24 L 0.00 0.00 D

1 28 SEP 2016, 7:17 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 6.97 3 70>-< 2.99 104 4>-< 2.23 197 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

LKD2	AC	HHZ	200.1	352	120	P	71.29	34.10	34.37	0.00	-0.27	1.18	0.313						
LKD2	AC	HHE	200.1	352	120	S	96.93	59.74	60.15	0.00	-0.41	1.18S	0.696						
SRN	AC	HHZ	330.9	345	108	P	88.17	50.98	50.24	0.00	0.74*	1.18	0.086						
SRN	AC	HHN	330.9	345	108		6	120.00	82.81	50.24	0.00		0.00	0.000	1.00		3.8	.62	4.58 L
						S		125.76	88.57	87.92	0.00	0.65*	1.18S	0.181					
LSK	AC	HHZ	350.6	355	106	P	89.88	52.69	52.73	0.00	-0.04	1.18	0.096						
LSK	AC	HHN	350.6	355	106		6	120.00	82.81	52.73	0.00		0.00	0.000	1.00		20	.87	5.36 L
						S		130.89	93.70	92.28	0.00	1.42*	0.60S	0.040					
KBN	AC	HHZ	401.8	358	104	P	96.71	59.52	59.25	0.00	0.27	1.18	0.112						
KBN	AC	HHN	401.8	358	104		6	120.00	82.81	59.25	0.00		0.00	0.000	1.00		8.5	.98	5.12 L
						S		140.59	103.40	103.69	0.00	-0.29	1.18S	0.195					
VLO	AC	HHZ	406.3	342	104	P	97.42	60.23	59.82	0.00	0.41	1.18	0.083						
VLO	AC	HHN	406.3	342	104	S	141.83	104.64	104.68	0.00	-0.04	1.18S	0.213						
SCTE	AC	HHZ	406.8	328	104	P	97.97	60.78	59.89	0.00	0.89*	1.16	0.133						
BPA1	AC	HHZ	429.0	345	103	P	99.78	62.59	62.74	0.00	-0.15	1.18	0.084						
BPA1	AC	HHN	429.0	345	103	S	146.87	109.68	109.79	0.00	-0.12	1.18S	0.211						
BPA2	AC	HHZ	430.6	345	103	P	100.22	63.03	62.95	0.00	0.08	1.18	0.084						
BPA2	AC	HHE	430.6	345	103	S	146.68	109.49	110.16	0.00	-0.67*	1.18S	0.212						
THE	AC	HHZ	436.3	22	103	P	99.56	62.37	63.67	0.00	-1.30*	0.76	0.149						
THE	AC	HHE	436.3	22	103	S	149.09	111.90	111.42	0.00	0.48	1.18S	0.598						
TIR	AC	HHZ	491.9	349	101	P	107.23	70.04	70.86	0.00	-0.82*	1.17	0.100						
TIR	AC	HHE	491.9	349	101	S	163.12	125.93	124.01	0.00	1.92*	0.07S	0.000						
PHP	AC	HHZ	521.5	355	100	P	110.13	72.94	74.70	0.00	-1.76*	0.18	0.002						
PHP	AC	HHN	521.5	355	100	S	169.69	132.50	130.72	0.00	1.78*	0.17S	0.006						
NOCI	AC	HHZ	542.1	323	100	P	114.89	77.70	77.38	0.00	0.32	1.18	0.182						
BCI	AC	HHZ	600.5	353	99	P	119.92	82.73	84.98	0.00	-2.25*	0.00	0.000						
SGRT	AC	HHZ	694.8	321	97	P	133.75	96.56	97.32	0.00	-0.76*	1.18	0.214						

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
2016-09-29 1646 44.62 39 42.80 19E23.42 1.02 0.18 1.47 1.70 2.65 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
8 12 55.4 At1 299 12 0 6 3 8 - 2.00 0.32 L 2.00 0.15 D

1 29 SEP 2016, 16:46 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>-< 23.51 218 48>-< 1.28 52 40>-< 0.90 315 6>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	-W-FMAG-T	AMP	-PER-W-XMAG-T
SRN	AC	HHN		55.4	70	51		6	60.00	15.38	10.78	0.00		0.00		0.000	1.00		1.3	.36	2.33 L
							S		61.85	17.23	18.86	0.00	-0.44	0.01S		0.000					
SRN	AC	HHZ		55.4	70	51	P		55.12	10.50	10.78	0.00	-0.28	1.33		0.868	1.00	31	2.84	D	
LSK	AC	HHN		114.1	64	51		6	60.00	15.38	20.86	0.00		0.00		0.000	1.00		1.5	.47	2.97 L

						S	81.05	36.43	36.50	0.00	-0.08	1.33S	0.936			
LSK	AC	HHZ	114.1	64	51	P	67.08	22.46	20.86	0.00	0.40	0.02	0.000	1.00	41	3.13 D
BPA1	AC	HHN	114.4	11	51	S	81.35	36.73	36.59	0.00	0.14	1.33S	0.464			
BPA1	AC	HHZ	114.4	11	51	P	64.94	20.32	20.91	0.00	-0.49	1.33	0.609			
BPA2	AC	HHN	114.6	9	51	S	81.19	36.57	36.64	0.00	-0.08	1.33S	0.724			
BPA2	AC	HHZ	114.6	9	51	P	65.73	21.11	20.94	0.00	0.17	1.33	0.396			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016	09	30	1031	4.72	39 50.84	19E19.87	21.98	0.30	0.88	1.77	2.50	2.5

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X	SOURCE
19	28	57.4	Atl	204	9	0	16	8	18		2.00	0.26 L	0.00	0.00 D

REGION= Deti Jon (Ionian Sea)

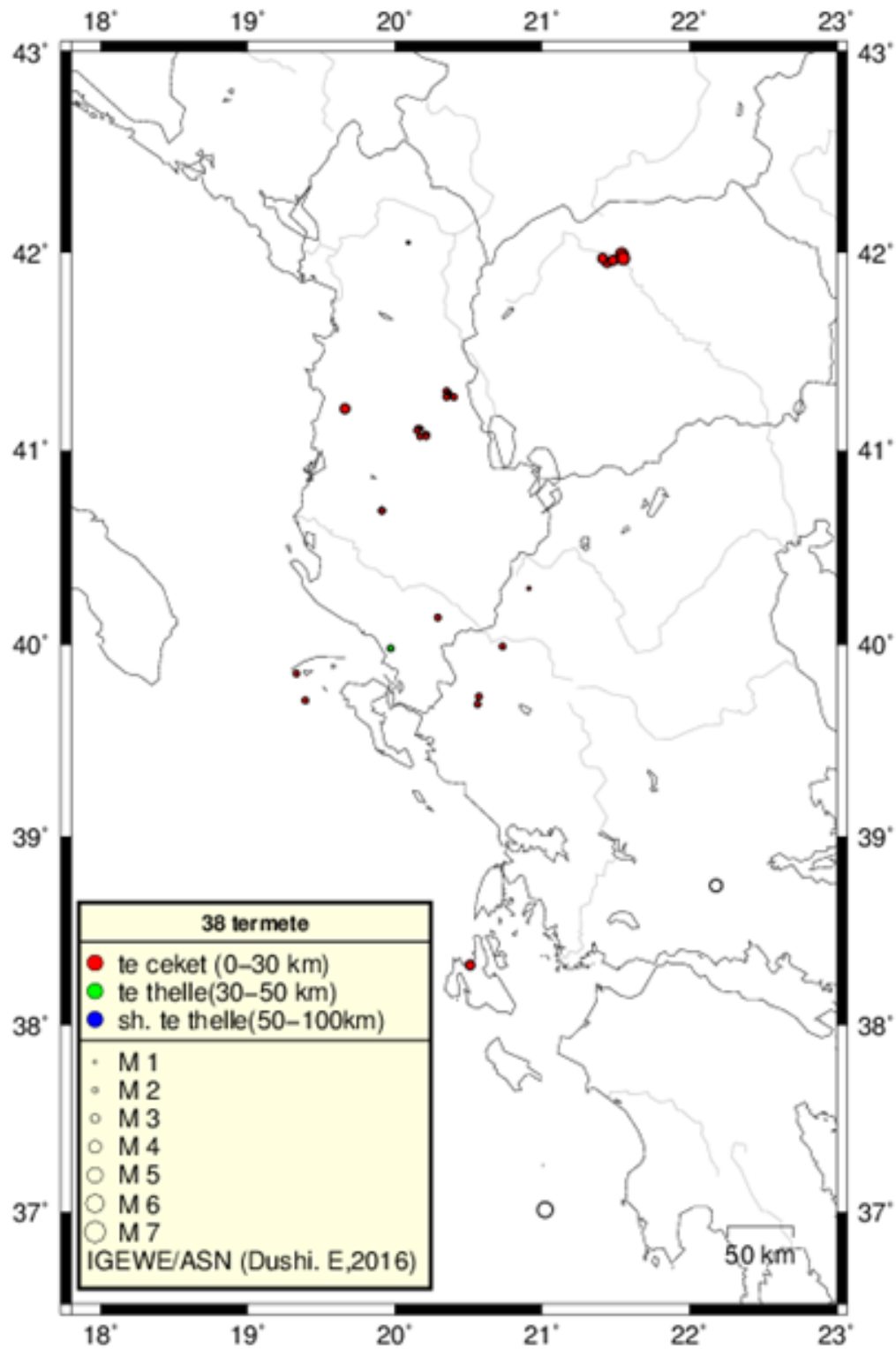
STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T	
SRN	AC	HHZ		57.4	86	90	P		15.65	10.93	10.72	0.00	0.21	1.07		0.239				
SRN	AC	HHN		57.4	86	90		6	0.00	-4.72	10.72	0.00		0.00		0.000	1.00	0.87	.51	2.24 L
							S		23.28	18.56	18.76	0.00	-0.20	1.07S		0.349				
VLO	AC	HHZ		70.4	11	90	P		17.28	12.56	12.80	0.00	-0.24	1.07		0.087				
VLO	AC	HHN		70.4	11	90	S		27.45	22.73	22.40	0.00	0.33	1.07S		0.224				
SCTE	AC	HHZ		78.0	290	90	P		19.03	14.31	14.01	0.00	0.30	1.07		0.348				
SCTE	AC	HHN		78.0	290	90	S		28.96	24.24	24.52	0.00	-0.28	1.07S		0.538				
SCTE	AC	HHE		78.0	290	90		6	0.00	-4.72	14.01	0.00		0.00		0.000	1.00	1.6	.18	2.76 L
BPA2	AC	HHZ		101.0	13	90	P		22.37	17.65	17.68	0.00	-0.03	1.07		0.086				
BPA2	AC	HHN		101.0	13	90	S		35.73	31.01	30.94	0.00	0.07	1.07S		0.221				
BPA1	AC	HHZ		101.1	15	90	P		24.40	19.68	17.69	0.00	1.99*	0.00		0.000				
BPA1	AC	HHE		101.1	15	90	S		35.29	30.57	30.96	0.00	-0.39	1.07S		0.218				
LSK	AC	HHZ		113.3	72	90	P		23.82	19.10	19.64	0.00	-0.54*	0.99		0.148				
LSK	AC	HHN		113.3	72	90	S		39.35	34.63	34.37	0.00	0.26	1.07S		0.254				
TIR	AC	HHZ		172.6	14	90	P		34.79	30.07	29.10	0.00	0.97*	0.19		0.002				
TIR	AC	HHN		172.6	14	90	S		55.81	51.09	50.92	0.00	0.17	1.07S		0.220				
PHP	AC	HHZ		224.5	24	56	P		41.14	36.42	36.36	0.00	0.06	1.07		0.229				
PHP	AC	HHN		224.5	24	56	S		67.04	62.32	63.63	0.00	-1.31*	0.00S		0.000				
BCI	AC	HHZ		286.5	12	56	P		49.87	45.15	44.56	0.00	0.59*	0.93		0.173				
BCI	AC	HHE		286.5	12	56	S		82.41	77.69	77.98	0.00	-0.29	1.07S		0.656				

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	09	19	0822	47.3								PHP
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
KBN	SZ	IPG		0822	47.30							
KBN	SE	ISG		0822	48.80							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	09	19	1031	54.7								PHP
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
KBN	SZ	IPG		1031	54.7							
KBN	SE	ISG		1031	56.3							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2016	09	22	0256	03.8								PHP
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
KBN	SZ	IPG		0256	03.8							
KBN	SE	ISG		0256	05.5							



-Fig. 3 -

Harta e shpërndarjes në hapësirë të epiqendrave, në përputhje me magnitudë (madhësia e simbolit) dhe thellësinë (ngjyra e simbolit); Ngjarjet janë lokalizuar gjatë muajit Shtator 2016, bazuar në regjistrimet e ASN dhe stacioneve sizmologjike në rajon.
(Epicentral map for located seismicity within Albania and surrounding during September 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]	26
Numuri i ngjarjeve sizmike brenda kufirit shtetëror	[earthquakes occurred within state border]	15
Thellësia mesatare e vrojtuar (km)	[mean observed depth]	9
Thellësia maksimale e vrojtuar (km)	[maximum observed depth]	33
Magnituda lokale minimale e vrojtuar (M _{Ld})	[minimum observed local magnitude]	1.5
Magnituda lokale maksimale e vrojtuar (M _{Ld})	[maximum observed local magnitude]	3.9
Intensiteti maksimal i vrojtuar (MSK-64)	[maximum observed intensity]	V

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