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BULETINI SIZMOLOGJIK

Nendor 2017

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

Briefing:

The seismological bulletin represents a reassume of the seismic events (earthquakes), occurred within Albania and surroundings for a period of one month. These events are permanently recorded, located and further processed by Albanian Seismological Network. This report, along with the chronologic ordering of events, contains a comprehensive analysis of the evaluated parameters as well as the quality of this process. It contains the description of output parameters, parametric data, statistical analysis and quality data analysis, catalogue and epicenter map. Contributing assistant stuff are: Eng. Ardian Minarolli, Eng. Ervin Kasaj, Eng. Olgert Gjuzi (Geologists/Observers) and scientific stuff: Prof.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 Sizmike (*Seismic Stations*)

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

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

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

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

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

T_0 – perioda vetjake e reagimit të sizmometrit (sensorit), mbi të cilën ai reagon linearisht si filtër i frekuencave të larta (High-Pass). Ky parametër është karakteristik për një tip të dhënë sensori (Sensor Natural Period)

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

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

Kodi	Regjistruar (Po/Jo)	Gjer. Gjeo.	Gjat. Gjeo.	Lartësia	Tipi i stacionit	Sensori	Terheqja e Informacionit	Komunikimi	T_0
Station Code	Registered (WDC)	Latitude (degree)	Longitude (degree)	Elev. (m)	Station type	Sensor type	Acquisition system	Communication	Nat.l Period (s)
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

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

Kodi	Regjistruar (Po/Jo)	Gjer. Gjeo.	Gjat. Gjeo.	Lartësia	Tipi i stacionit	Sensori	Terheqja e Informacionit	Komunikimi	T_0
Station Code	Registered (WDC)	Latitude (degree)	Longitude (degree)	Elev. (m)	Station type	Sensor type	Acquisition system	Communication	Nat.l Period (s)
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)

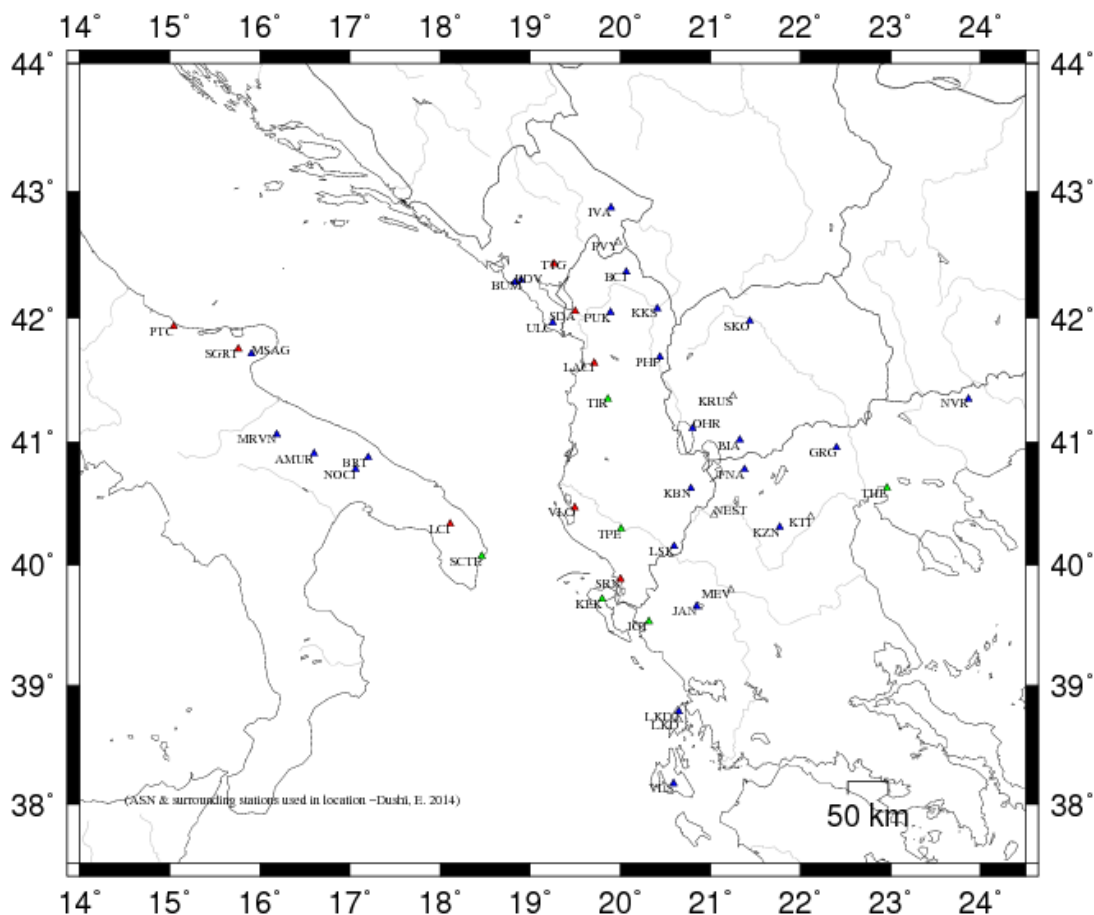
Kodi	Regjistruar (Po/Jo)	Gjer. Gjeo.	Gjat. Gjeo.	Lartesia	Tipi i stacionit	Sensori	Terheqja e Informacionit	Komunikimi	T ₀
Station Code	Registered (WDC)	Latitude (degree)	Longitude (degree)	Elev. (m)	Station type	Sensor type	Acquisition system	Communication	Nat.l Period (s)
MEV	Po (Y)	39.7850	21.2290	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 terminlogjisë së përdorur për parametrat e përfutur
 (Output parameter’s description)

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

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

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

- ERZ Gabimi në thellësi, [Defined as the largest projections of the three principal errors on a vertical line].
- XMAG Magnituda primare bazuar në amplitudë [Primary weighted median amplitude magnitude].
- FMAG Magnituda primare bazuar në zgjatshmërinë e sinjalit [Primary weighted median coda magnitude].
- PMAG Magnituda e përzgjedhur si përfaqësuese, për ngjarjen e lokalizuar [preferred magnitude selected by PRE command, as representative of available magnitudes ML and Md].
- NSTA Numuri i stacioneve të përdorur në lokalizim [the number of stations read for this event].
- NPHS Numuri i fazave të përdorura [Number of used phases in location].
- DMIN Distanca hypoqender-stacioni më i afërt [distance to the nearest station].
- MODEL Modeli shpejtësior i përdorur [velocity crustal model code].
- GAP Shmangia maksimale, këndore, ndërmjet stacioneve të përdorur [the largest azimuthal gap between azimuthally adjacent stations].
- ITR Numri i iteracioneve për zgjidhje [number of iterations required for the solution].
- NFM Numri i hyrjeve të para P [number of P first motions reported].
- NWR Numri i fazave P & S me peshë statistikore > 0.1 [number of P & S readings with weights > 0.1].
- NWS Numri i fazave S me peshë statistikore > 0.1 [number of S-phases with weights > 0.1].
- NVR Numri i fazave P & S, të vlefshme për lokalizim [number of P & S phases valid for location, assigned weights > 0].
- 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 [convergence problems], ose zgjidhje e pa pranueshme me RMS të lartë; (-) – tregon se thellësia është fiksuar [fixed depth solution]; X – lokalizimi i fiksuar për të rritur performancën në llogaritjen e thellësisë [fixed location solution].
- AVH Shënime për statusin [status remarks].
- N.XMG Numri i magnitudave bazuar në amplitudë [number of primary amplitude based magnitudes].
- X.MMAD Gabimi i bërë në vlerësimin e ML [weighted median absolute difference for the primary amplitude magnitudes].
- T Kodi i identifikimit për magnitudën XMAG1 [label code for XMAG1].
- N.FMAG Numri i magnitudave, bazuar në zgjatshmërinë e sinjalit [number of primary coda magnitudes].
- FMMAD Gabimi i bërë në vlerësimin e Md [weighted median absolute difference for the primary coda magnitudes].
- T Kodi i identifikimit për magnitudën FMAG1 [label code for FMAG1].
- 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
2017-11-01  1716 32.52  41  2.91  19E41.58  27.44  0.06  6.77  1.99  1.14  2.37  1.2

NSTA NPBS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T  N.FMG-FMMAD-T  SOURCE
  7  10  35.9  At1  192  6  0  6  3  6  1.00  0.00 L  3.00  0.16 D  L F X

```

1 1 NOV 2017, 17:16 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 6.94 105 12>-< 2.04 280 77>-< 0.36 15 1>

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

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T	
BPA2	AC	HHZ		35.9	191	121	P		40.44	7.92	7.83	0.00	0.09	1.00		0.497	1.00	11	2.37			D	
BPA2	AC	HHN		35.9	191	121	S		46.17	13.65	13.70	0.00	-0.05	1.00S		0.835							
TIR	AC	HHZ		36.2	23	121	P		40.39	7.87	7.87	0.00	0.00	1.00		0.497	1.00	13	2.53			D	
TIR	AC	HHN		36.2	23	121	S		46.30	13.78	13.77	0.00	0.01	1.00S		0.835							
TIR	AC	HHE		36.2	23	121		6	0.00	-32.52	7.87	0.00		0.00		0.000	1.00			0.10	.18	1.14	L
BPA1	AC	HHZ		36.3	185	121	P		40.31	7.79	7.88	0.00	-0.09	1.00		0.497	1.00	9	2.18			D	
BPA1	AC	HHN		36.3	185	121	S		46.36	13.84	13.79	0.00	0.05	1.00S		0.835							

```

YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH  RMS  ERH  ERZ  XMAG  FMAG  PMAG
2017-11-02  0104 10.47  41  0.18  19E59.50  1.22  0.21  0.42  1.17  2.35  2.72  2.4

NSTA NPBS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T  N.FMG-FMMAD-T  SOURCE
  20  29  39.7  At1  118  11  0  16  8  19  7.00  0.29 L  5.00  0.20 D  L F X

```

1 2 NOV 2017, 1:04 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.17 277 88>-< 0.42 89 1>-< 0.34 179 0>

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

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T	
TIR	AC	HHZ		39.7	345	51	P		18.84	8.37	7.92	0.00	0.45	0.91		0.171	1.00	21	2.72			D	
TIR	AC	HHN		39.7	345	51		6	0.00	-10.47	7.92	0.00		0.00		0.000	1.00			0.86	.15	1.99	L
							S		24.33	13.86	13.86	0.00	0.00	1.08S		0.403							
BPA1	AC	HHZ		42.0	223	51	P		18.74	8.27	8.32	0.00	-0.05	1.08		0.186	1.00	15	2.40			D	
BPA1	AC	HHE		42.0	223	51	S		25.24	14.77	14.56	0.00	0.21	1.08S		0.326							
BPA2	AC	HHZ		43.7	227	51	P		18.93	8.46	8.60	0.00	-0.14	1.08		0.190	1.00	17	2.52			D	
BPA2	AC	HHN		43.7	227	51	S		24.72	14.25	15.05	0.00	-0.80*	0.06S		0.001							

S 66.93 40.79 40.77 0.00 0.02 1.13S 0.964
 LKD2 AC HHZ 131.5 153 62 P 49.58 23.44 23.34 0.00 0.10 1.13 0.330
 LKD2 AC HHE 131.5 153 62 S 66.96 40.82 40.85 0.00 -0.03 1.13S 0.647

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2017-11-04 0033 52.94 40 6.94 20E41.48 5.34 0.05 0.50 0.59 2.15 3.06 2.2

NSTA NPBS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T SOURCE
 L F X
 11 16 8.8 At1 144 8 0 9 5 10 1.00 0.00 L 2.00 0.09 D

1 4 NOV 2017, 0:33 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 0.78 296 49>-< 0.31 113 40>-< 0.26 205 1>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T	
LSK	AC	HHZ		8.8	296	118	P		55.09	2.15	2.07	0.00	0.08	1.06		0.381	1.00	33			3.15	D	
LSK	AC	HHN		8.8	296	118	S		56.50	3.56	3.62	0.00	-0.06	1.06S		0.613							
LSK	AC	HHE		8.8	296	118		6	0.00	-52.94	2.07	0.00		0.00		0.000	1.00			3.5	.54	2.15	L
KBN	AC	HHZ		57.0		8	P		63.42	10.48	10.48	0.00	0.00	1.06		0.194							
KBN	AC	HHE		57.0		8	S		71.29	18.35	18.34	0.00	0.01	1.06S		0.512							
SRN	AC	HHZ		64.5	247	62	P		64.53	11.59	11.78	0.00	-0.19	0.48		0.044	1.00	27			2.97	D	
SRN	AC	HHN		64.5	247	62	S		73.58	20.64	20.61	0.00	0.03	1.06S		0.829							
FNA	AC	HHZ		94.4		38	P		69.28	16.34	16.91	0.00	-0.57*	0.00		0.000							
FNA	AC	HHE		94.4		38	S		82.51	29.57	29.59	0.00	-0.02	1.06S		0.485							
LKD2	AC	HHZ		147.3	182	55	P		78.95	26.01	25.97	0.00	0.04	1.06		0.376							
LKD2	AC	HHE		147.3	182	55	S		98.33	45.39	45.45	0.00	-0.06	1.06S		0.563							

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2017-11-05 1843 7.28 40 26.72 20E13.09 0.14 0.08 0.69 1.30 1.51 2.40 1.5

NSTA NPBS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T SOURCE
 L F X
 10 15 46.1 At1 231 7 0 8 4 9 1.00 0.00 L 1.00 0.00 D

1 5 NOV 2017, 18:43 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.47 310 62>-< 0.75 133 27>-< 0.35 43 1>

REGION= Corovode, Rajoni Skraparit (Corovode, 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
LSK	AC	HHZ		46.1	135	51	P		16.43	9.15	9.16	0.00	-0.01	1.10		0.466	1.00	15			2.40	D

NOCI AC HHZ 252.3 289 37 P 58.34 42.77 42.56 0.00 0.21 1.08 0.233

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
2017-11-08 2120 21.89 40 31.28 19E58.23 6.58 0.15 0.65 17.17 2.10 2.1

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
10 15 37.7 At1 135 8 0 8 4 10 - 0.00 0.00 L 1.00 0.00 D

1 8 NOV 2017, 21:20 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>-< 17.17 289 89>-< 0.65 9 0>-< 0.30 280 0>

REGION= 20 Km J-P të Beratit, Rajoni Beratit (20 Km 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
BPA2	AC	HHZ		37.7	309	91	P		28.34	6.45	7.12	0.00	-0.67*	0.00		0.000	1.00	11	2.10	D	
BPA2	AC	HHN		37.7	309	91	S		34.45	12.56	12.46	0.00	0.10	1.12S		0.747					
VLO	AC	HHN		40.7	262	91	S		35.35	13.46	13.35	0.00	0.11	1.12S		0.535					
VLO	AC	HHZ		40.7	262	91	P		29.34	7.45	7.63	0.00	-0.18	1.12		0.458					
LSK	AC	HHN		67.5	127	90	S		43.51	21.62	21.38	0.00	0.24	1.12S		0.788					
LSK	AC	HHZ		67.5	127	90	P		33.88	11.99	12.22	0.00	-0.23	1.12		0.297					
KBN	AC	HHN		70.1	80	90	S		43.07	21.18	22.17	0.00	-0.99*	0.00S		0.000					
KBN	AC	HHZ		70.1	80	90	P		34.48	12.59	12.67	0.00	-0.08	1.12		0.299					
FNA	AC	HHZ		123.0	75	90	P		43.68	21.79	21.76	0.00	0.03	1.12		0.349					
FNA	AC	HHE		123.0	75	90	S		60.00	38.11	38.08	0.00	0.03	1.12S		0.524					

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
2017-11-11 1123 56.49 41 19.33 19E12.49 25.59 0.41 1.38 2.81 2.39 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
18 26 55.1 At1 110 9 0 14 7 16 2.00 0.13 L 1.00 0.00 D

1 11 NOV 2017, 11:23 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>-< 3.13 44 63>-< 0.85 160 11>-< 0.76 255 22>

REGION= Deri Adriatik (Adriatik 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
TIR	AC	HHZ		55.1	86	106	P		66.53	10.04	10.51	0.00	-0.47	1.14		0.242	1.00	19	2.87	D	
TIR	AC	HHN		55.1	86	106	S		74.94	18.45	18.39	0.00	0.06	1.14S		0.335					
TIR	AC	HHE		55.1	86	106		6	60.00	3.51	10.51	0.00		0.00		0.000	1.00		0.93	.50	2.26 L
BCI	AC	HHZ		136.2	31	93	P		80.83	24.34	23.32	0.00	1.02*	1.12		0.231					

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
6	9	20.2	At1	285	9	0	5	3	6	-	0.00	0.00	L	3.00	0.00	D

1 18 NOV 2017, 3:59 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 12.69 0 90>-< 1.19 314 0>-< 0.46 43 0>

REGION= Vlorë, Rajoni Vlorës (Vlorë, 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		20.2	273	90	P		54.30	3.45	4.12	0.00	-0.67*	0.00		0.000	1.00	15	2.39	D
VLO	AC	HHE		20.2	273	90	S		58.07	7.22	7.21	0.00	0.01	1.00S		0.999				
BPA1	AC	HHZ		29.9	348	90	P		56.88	6.03	5.99	0.00	0.04	1.00		0.719	1.00	9	1.90	D
BPA1	AC	HHN		29.9	348	90	S		61.34	10.49	10.48	0.00	0.01	1.00S		0.754				
BPA2	AC	HHZ		31.5	343	90	P		57.11	6.26	6.30	0.00	-0.04	1.00		0.747	1.00	9	1.90	D
BPA2	AC	HHE		31.5	343	90	S		61.87	11.02	11.02	0.00	0.00	1.00S		0.765				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	11	19	1344	52.80	40 27.87	19E37.25	4.49	0.28	0.72	2.13	2.06	2.09 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	
13	19	10.6	At1	144	10	0	10	5	11	-	2.00	0.39	L	3.00	0.10	D

1 19 NOV 2017, 13:44 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 26.13 0 90>-< 0.72 274 0>-< 0.48 3 0>

REGION= Vlorë, Rajoni Vlorës (Vlorë, Vlora Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T		
VLO	AC	HHZ		10.6	273	90	P		56.47	3.67	3.26	0.00	0.41	1.18		0.403	1.00	9	2.09	D	
VLO	AC	HHE		10.6	273	90	S		59.49	6.69	5.70	0.00	0.28	1.21S		0.000					
VLO	AC	HHN		10.6	273	90		6	60.00	7.20	3.26	0.00		0.00		0.000	1.00		3.0 .14	2.45	L
BPA1	AC	HHZ		28.9	5	90	P		58.60	5.80	6.17	0.00	-0.37	1.21		0.176	1.00	12	2.38	D	
BPA1	AC	HHE		28.9	5	90	S		63.33	10.53	10.80	0.00	-0.27	1.21S		0.333					
BPA2	AC	HHZ		29.5	0	90	P		59.24	6.44	6.27	0.00	0.17	1.21		0.170	1.00	8	1.99	D	
BPA2	AC	HHE		29.5	0	90	S		64.04	11.24	10.97	0.00	0.27	1.21S		0.321					
SRN	AC	HHN		72.5	153	90	S		76.64	23.84	22.98	0.00	0.86*	0.11S		0.075					
SCTE	AC	HHZ		107.0	247	90	P		71.30	18.50	18.63	0.00	-0.13	1.21		0.905					
SCTE	AC	HHE		107.0	247	90	S		85.19	32.39	32.60	0.00	-0.21	1.21S		0.625					
SCTE	AC	HHN		107.0	247	90		6	60.00	7.20	18.63	0.00		0.00		0.000	1.00		0.08 .50	1.67	L
IGT	AC	HHZ		120.0	149	90	P		73.83	21.03	20.70	0.00	0.33	1.21		0.335					
IGT	AC	HHE		120.0	149	90	S		88.84	36.04	36.22	0.00	-0.19	1.21S		0.649					

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2017-11-20 0505 37.86 40 38.91 19E47.57 2.58 0.05 1.26 2.20 1.84 1.78 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 9 14.2 At1 286 8 0 5 3 6 - 1.00 0.00 L 3.00 0.27 D

1 20 NOV 2017, 5:05 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 12.61 295 87>-< 1.26 84 2>-< 0.42 174 1>

REGION= Ballësh, Rajoni Fierit (Ballësh, 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		14.2	306	93	P		41.12	3.26	2.96	0.00	0.30	0.00		0.000	1.00	8				1.78 D	
BPA1	AC	HHE		14.2	306	93	S		42.97	5.11	5.18	0.00	-0.07	1.00S		0.999							
BPA2	AC	HHZ		17.3	302	92	P		41.46	3.60	3.56	0.00	0.04	1.00		0.623	1.00	6				1.51 D	
BPA2	AC	HHN		17.3	302	92	S		44.14	6.28	6.23	0.00	0.05	1.00S		0.876							
VLO	AC	HHZ		32.1	232	91	P		44.27	6.41	6.44	0.00	-0.03	1.00		0.623	1.00	12				2.18 D	
VLO	AC	HHN		32.1	232	91		6	0.00	-37.86	6.44	0.00		0.00		0.000	1.00				0.73	.18	1.84 L
							S		49.15	11.29	11.27	0.00	0.02	1.00S		0.876							

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2017-11-21 0806 32.35 39 55.01 19E52.67 0.00 0.41 2.45 1.43 1.58 1.99 1.6

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 11.3 At1 289 6 0 6 3 6 # 1.00 0.00 L 1.00 0.00 D

1 21 NOV 2017, 8:06 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.60 89 19>-< 1.74 211 55>-< 1.30 350 26>

REGION= Sarande, Rajoni Sarandes (Sarande, 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	
SRN	AC	HHZ		11.3	111	90	P		34.26	1.91	2.47	0.00	-0.56*	1.07		0.565	1.00	10				1.99 D	
SRN	AC	HHN		11.3	111	90	S		36.90	4.55	4.32	0.00	0.23	1.11S		0.868							
SRN	AC	HHE		11.3	111	90		6	0.00	-32.35	2.47	0.00		0.00		0.000	1.00				0.88	.18	1.58 L
IGT	AC	HHZ		57.7	137	51	P		44.38	12.03	11.18	0.00	0.85*	0.47		0.155							
IGT	AC	HHE		57.7	137	51	S		51.51	19.16	19.56	0.00	-0.40	1.11S		0.949							
LSK	AC	HHZ		66.8	66	51	P		44.67	12.32	12.73	0.00	-0.41	1.11		0.593							
LSK	AC	HHN		66.8	66	51	S		54.90	22.55	22.28	0.00	0.27	1.11S		0.867							

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2017-11-22 1708 14.55 40 21.13 20E34.38 5.41 0.17 0.35 1.21 3.35 3.46 3.6

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
 24 34 22.6 At1 120 8 0 19 9 21 8.00 0.19 L 3.00 0.04 D

1 22 NOV 2017, 17:08 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.22 138 85>-< 0.35 283 3>-< 0.28 13 2>

REGION= Ersekë, Rajoni Ersekës (Erseke, Erseka Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T	
LSK	AC	HHZ		22.6	174	62	P		19.22	4.67	4.56	0.00	0.11	1.10		0.161	1.00	47	3.50 D	
LSK	AC	HHE		22.6	174	62	S		22.44	7.89	7.98	0.00	-0.09	1.10S		0.330				
LSK	AC	HHN		22.6	174	62		6	0.00	-14.55	4.56	0.00		0.00		0.000	1.00		121 .43	3.97 L
KBN	AC	HHZ		35.2	31	62	P		21.60	7.05	6.73	0.00	0.32	0.92		0.159	1.00	41	3.37 D	
KBN	AC	HHE		35.2	31	62		6	0.00	-14.55	6.73	0.00		0.00		0.000	1.00		20 .40	3.31 L
							S		25.93	11.38	11.78	0.00	-0.40	0.62S		0.100				
KBN	AC	HHN		35.2	31	62		6	0.00	-14.55	6.73	0.00		0.00		0.000	1.00		14 .21	3.16 L
SRN	AC	HHZ		71.6	224	62	P		27.37	12.82	12.99	0.00	-0.17	1.10		0.146	1.00	45	3.46 D	
SRN	AC	HHE		71.6	224	62		6	0.00	-14.55	12.99	0.00		0.00		0.000	1.00		6.0 .46	3.25 L
							S		37.50	22.95	22.73	0.00	0.22	1.10S		0.230				
FNA	AC	HHZ		83.6	54	62	P		29.64	15.09	15.05	0.00	0.04	1.10		0.237				
FNA	AC	HHN		83.6	54	62	S		40.82	26.27	26.34	0.00	-0.07	1.10S		0.394				
BPA1	AC	HHZ		87.9	299	62	P		29.85	15.30	15.79	0.00	-0.49	0.23		0.008				
BPA1	AC	HHN		87.9	299	62	S		42.54	27.99	27.63	0.00	0.36	0.78S		0.129				
BPA2	AC	HHZ		91.1	298	62	P		30.13	15.58	16.33	0.00	-0.75*	0.00		0.000				
BPA2	AC	HHN		91.1	298	62	S		42.89	28.34	28.58	0.00	-0.24	1.09S		0.250				
VLO	AC	HHZ		92.4	279	62	P		30.93	16.38	16.55	0.00	-0.17	1.10		0.190				
VLO	AC	HHN		92.4	279	62		6	0.00	-14.55	16.55	0.00		0.00		0.000	1.00		14 .40	3.77 L
							S		43.54	28.99	28.96	0.00	0.03	1.10S		0.253				
IGT	AC	HHZ		93.5	193	62	P		31.10	16.55	16.74	0.00	-0.19	1.10		0.146				
IGT	AC	HHN		93.5	193	62	S		43.81	29.26	29.30	0.00	-0.04	1.10S		0.273				
TIR	AC	HHZ		125.6	332	62	P		36.96	22.41	22.27	0.00	0.14	1.10		0.210				
TIR	AC	HHN		125.6	332	62		6	0.00	-14.55	22.27	0.00		0.00		0.000	1.00		3.2 .56	3.39 L
							S		54.18	39.63	38.97	0.00	0.66*	0.00S		0.000				
TIR	AC	HHE		125.6	332	62		6	60.00	45.45	22.27	0.00		0.00		0.000	1.00		1.9 .72	3.17 L
LKD2	AC	HHZ		173.7	177	55	P		44.84	30.29	30.16	0.00	0.13	1.10		0.123				
BCI	AC	HHZ		227.7	350	43	P		53.08	38.53	38.54	0.00	-0.01	1.10		0.099				
BCI	AC	HHE		227.7	350	43		6	60.00	45.45	38.54	0.00		0.00		0.000	1.00		2.31.10	3.87 L
							S		82.01	67.46	67.44	0.00	0.01	1.10S		0.553				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2017-11-22 2359 4.91 40 20.82 20E32.60 6.53 0.12 0.77 11.89 1.29 2.40 1.3

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
 11 16 22.4 At1 171 10 0 10 5 11 - 3.00 0.05 L 3.00 0.07 D

1 22 NOV 2017, 23:59 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 11.90 126 87>-< 0.77 302 2>-< 0.28 212 0>

REGION= Ersekë, Rajoni Ersekës (Erseke, Erseka Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T	
LSK	AC	HHZ		22.4	167	92	P		9.57	4.66	4.48	0.00	0.18	1.01		0.216	1.00	14	2.33	D			
LSK	AC	HHN		22.4	167	92		6	0.00	-4.91	4.48	0.00		0.00		0.000	1.00			1.1	.30	1.93	L
							S		12.69	7.78	7.84	0.00	-0.06	1.07S		0.776							
KBN	AC	HHZ		37.0	33	91	P		12.00	7.09	7.00	0.00	0.09	1.07		0.429	1.00	16	2.47	D			
KBN	AC	HHE		37.0	33	91		6	0.00	-4.91	7.00	0.00		0.00		0.000	1.00			0.16	.31	1.24	L
							S		16.90	11.99	12.25	0.00	-0.26	0.59S		0.272							
SRN	AC	HHZ		69.5	222	90	P		17.68	12.77	12.57	0.00	0.20	0.94		0.246	1.00	15	2.40	D			
SRN	AC	HHN		69.5	222	90		6	0.00	-4.91	12.57	0.00		0.00		0.000	1.00			0.07	.40	1.29	L
							S		26.80	21.89	22.00	0.00	-0.11	1.07S		0.520							
FNA	AC	HHZ		86.0	55	90	P		20.20	15.29	15.40	0.00	-0.11	1.07		0.273							
FNA	AC	HHE		86.0	55	90	S		31.93	27.02	26.95	0.00	0.07	1.07S		0.569							
IGT	AC	HHZ		92.4	192	90	P		21.41	16.50	16.50	0.00	0.00	1.07		0.216							
IGT	AC	HHE		92.4	192	90	S		33.71	28.80	28.88	0.00	-0.08	1.07S		0.478							
LKD2	AC	HHZ		173.3	176	68	P		36.66	31.75	30.00	0.00	1.75*	0.00		0.000							

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2017-11-23 0943 32.52 41 41.65 20E 7.75 14.35 0.53 1.42 2.20 3.20 3.42 3.2

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
 21 29 44.4 At1 138 17 0 14 7 16 5.00 0.35 L 1.00 0.00 D

1 23 NOV 2017, 9:43 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.29 319 74>-< 1.43 82 8>-< 0.93 174 13>

REGION= Macukull, Rajoni Burrelit (Macukull, Burreli Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T	
TIR	AC	HHZ		44.4	210	96	P		40.33	7.81	8.41	0.00	-0.60*	1.13		0.306							
TIR	AC	HHE		44.4	210	96	S		47.58	15.06	14.72	0.00	0.34	1.13S		0.615							
TIR	AC	HHN		44.4	210	96		6	0.00	-32.52	8.41	0.00		0.00		0.000	1.00			4.9	.62	2.82	L
BCI	AC	HHZ		74.9	357	90	P		44.75	12.23	13.53	0.00	-1.30*	0.56		0.109	1.00	40	3.42	D			

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	18	16.8	At1	290	21	0	9	4	10	#	3.00	0.24	L	1.00	0.00	D

1 25 NOV 2017, 21:22 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 6.36 237 37>-< 2.81 333 7>-< 1.41 72 50>

REGION= Ersekë, Rajoni Ersekës (Ersekë, Erseka 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			
LKD2	AC	HHZ		16.8	301	116	P		41.37	3.98	3.74	0.00	0.24	1.08		0.436	1.00	22	2.78	D		
LKD2	AC	HHN		16.8	301	116	S		43.28	5.89	6.55	0.00	-0.66*	1.08S		0.520						
LKD2	AC	HHE		16.8	301	116		6	0.00	-37.39	3.74	0.00		0.00		0.000	1.00		11	.23	2.90	L
IGT	AC	HHZ		100.6	336	93	P		54.93	17.54	17.93	0.00	-0.39	1.08		0.262						
IGT	AC	HHN		100.6	336	93	S		69.28	31.89	31.38	0.00	0.51*	1.08S		0.787						
IGT	AC	HHE		100.6	336	93		6	60.00	22.61	17.93	0.00		0.00		0.000	1.00		0.35	.31	2.25	L
SRN	AC	HHZ		147.9	332	68	P		63.97	26.58	25.68	0.00	0.90*	0.99		0.241						
SRN	AC	HHN		147.9	332	68	S		82.24	44.85	44.94	0.00	-0.09	1.08S		0.796						
LSK	AC	HHZ		160.9	354	68	P		66.51	29.12	27.75	0.00	1.37*	0.47		0.048						
LSK	AC	HHN		160.9	354	68	S		90.06	52.67	48.56	0.00	4.11*	0.00S		0.000						
FNA	AC	HHZ		234.8	11	50	P		76.09	38.70	38.87	0.00	-0.17	1.08		0.423						
FNA	AC	HHE		234.8	11	50	S		104.88	67.49	68.02	0.00	-0.53*	1.08S		0.482						
FNA	AC	HHN		234.8	11	50		6	60.00	22.61	38.87	0.00		0.00		0.000	1.00		0.03	.37	2.01	L

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	11	25	2311	0.90	41 19.51	20E22.50	0.04	0.58	1.42	3.20	2.31	2.3

SOURCE

NSTA	NPBS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
17	24	42.8	At1	137	8	0	13	7	14	#	3.00	0.11	L	0.00	0.00	D

1 25 NOV 2017, 23:11 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 3.24 38 81>-< 1.43 239 7>-< 0.86 149 3>

REGION= Shteblevë, Rajoni Elbasanit (Shteblevë, 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		42.8	274	51	P		9.11	8.21	8.60	0.00	-0.39	1.06		0.347						
TIR	AC	HHN		42.8	274	51	S		15.42	14.52	15.05	0.00	-0.53*	1.06S		0.504						
KBN	AC	HHZ		85.3	155	51	P		16.54	15.64	15.91	0.00	-0.27	1.06		0.243						
KBN	AC	HHN		85.3	155	51	S		29.55	28.65	27.84	0.00	0.81*	1.01S		0.198						
FNA	AC	HHZ		104.1	125	51	P		19.47	18.57	19.14	0.00	-0.57*	1.06		0.298						
FNA	AC	HHE		104.1	125	51	S		33.62	32.72	33.49	0.00	-0.78*	1.03S		0.426						
FNA	AC	HHN		104.1	125	51		6	0.00	-0.90	19.14	0.00		0.00		0.000	1.00		0.51	.37	2.44	L

REGION= Bardhë, Rajoni Elbasanit (Bardhë, 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		20.3	238	61	P		6.12	3.82	4.35	0.00	-0.53*	0.76		0.349					
TIR	AC	HHN		20.3	238	61	S		10.04	7.74	7.61	0.00	0.13	1.09S		0.896					
TIR	AC	HHE		20.3	238	61		6	0.00	-2.30	4.35	0.00		0.00		0.000	1.00	0.46	.18	1.50	L
BCI	AC	HHZ		102.1	0	51	P		20.79	18.49	18.81	0.00	-0.32	1.09		0.580					
BCI	AC	HHN		102.1	0	51	S		35.34	33.04	32.92	0.00	0.12	1.09S		0.862					
FNA	AC	HHZ		132.9	123	51	P		26.87	24.57	24.08	0.00	0.49	0.87		0.429					
FNA	AC	HHN		132.9	123	51	S		44.13	41.83	42.14	0.00	-0.31	1.09S		0.881					

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG		
2017	11	27	0707	7.44	40	5.40	19E59.69	8.74	0.08	0.50	0.94	2.02	2.53	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
14	21	23.3	At1	138	10	0	12	6	14		3.00	0.07	L
											3.00	0.13	D

1 27 NOV 2017, 7:07 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 0.95 142 81>-< 0.51 294 7>-< 0.27 25 3>

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

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T		
SRN	AC	HHZ		23.3	178	101	P		12.25	4.81	4.68	0.00	0.13	1.00		0.220	1.00	15	2.40	D	
SRN	AC	HHE		23.3	178	101		6	0.00	-7.44	4.68	0.00		0.00		0.000	1.00	0.90	.23	1.87	L
							S		15.54	8.10	8.19	0.00	-0.09	1.00S		0.366					
LSK	AC	HHZ		51.9	82	93	P		16.96	9.52	9.56	0.00	-0.04	1.00		0.136	1.00	17	2.53	D	
LSK	AC	HHE		51.9	82	93		6	0.00	-7.44	9.56	0.00		0.00		0.000	1.00	0.67	.40	2.02	L
							S		24.32	16.88	16.73	0.00	0.15	0.98S		0.321					
IGT	AC	HHZ		68.3	155	92	P		19.71	12.27	12.38	0.00	-0.11	1.00		0.127					
IGT	AC	HHN		68.3	155	92	S		29.11	21.67	21.67	0.00	0.00	1.00S		0.292					
KBN	AC	HHZ		89.7	48	91	P		23.38	15.94	16.05	0.00	-0.11	1.00		0.203	1.00	23	2.82	D	
KBN	AC	HHN		89.7	48	91		6	0.00	-7.44	16.05	0.00		0.00		0.000	1.00	0.29	.75	2.09	L
							S		35.56	28.12	28.09	0.00	0.03	1.00S		0.324					
SCTE	AC	HHZ		130.2	270	68	P		30.49	23.05	22.99	0.00	0.06	1.00		0.740					
SCTE	AC	HHE		130.2	270	68	S		46.87	39.43	40.23	0.00	-0.80*	0.00S		0.000					
FNA	AC	HHZ		140.7	56	68	P		32.08	24.64	24.66	0.00	-0.02	1.00		0.178					
FNA	AC	HHN		140.7	56	68	S		50.52	43.08	43.15	0.00	-0.07	1.00S		0.439					
LKD2	AC	HHZ		155.3	158	68	P		35.56	28.12	26.99	0.00	1.13*	0.00		0.000					
LKD2	AC	HHE		155.3	158	68	S		54.71	47.27	47.23	0.00	0.04	1.00S		0.649					

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2017-11-28 0736 10.95 41 4.51 20E14.20 5.93 0.18 0.42 1.19 2.64 2.89 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
 18 27 43.4 At1 113 10 0 15 8 18 5.00 0.25 L 5.00 0.08 D

1 28 NOV 2017, 7:36 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.19 21 86>-< 0.42 236 2>-< 0.32 146 1>

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

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR	W-FMAG-T	AMP	PER	W-XMAG-T	
TIR	AC	HHN		43.4	315	51		6	0.00-10.95	8.46	0.00			0.00		0.000	1.00			1.8	.21	2.35	L
							S		25.75	14.80	14.81	0.00	-0.01	1.03S		0.379							
TIR	AC	HHZ		43.4	315	51	P		19.38	8.43	8.46	0.00	-0.03	1.03		0.214	1.00	23		2.81		D	
BPA1	AC	HHN		62.6	232	51	S		31.56	20.61	20.56	0.00	0.05	1.03S		0.314							
BPA1	AC	HHZ		62.6	232	51	P		22.50	11.55	11.75	0.00	-0.20	1.03		0.213							
BPA2	AC	HHN		64.6	234	51	S		32.07	21.12	21.17	0.00	-0.06	1.03S		0.317							
BPA2	AC	HHZ		64.6	234	51	P		22.88	11.93	12.10	0.00	-0.17	1.03		0.213	1.00	25		2.89		D	
KBN	AC	HHN		68.3	137	51		6	0.00-10.95	12.74	0.00			0.00		0.000	1.00			1.6	.31	2.64	L
							S		33.14	22.19	22.30	0.00	-0.11	1.03S		0.288							
KBN	AC	HHZ		68.3	137	51	P		23.84	12.89	12.74	0.00	0.15	1.03		0.208	1.00	23		2.81		D	
FNA	AC	HHN		102.0	108	51	S		43.00	32.05	32.41	0.00	-0.36	0.93S		0.333							
FNA	AC	HHZ		102.0	108	51	P		29.63	18.68	18.52	0.00	0.16	1.03		0.240							
LSK	AC	HHE		107.2	163	51		6	0.00-10.95	19.42	0.00			0.00		0.000	1.00			1.2	.46	2.83	L
							S		44.85	33.90	33.99	0.00	-0.09	1.03S		0.240							
LSK	AC	HHZ		107.2	163	51	P		29.04	18.09	19.42	0.00	-0.53*	0.00		0.000	1.00	34		3.19		D	
SRN	AC	HHN		134.2	189	51		6	0.00-10.95	24.06	0.00			0.00		0.000	1.00			0.27	.34	2.38	L
							S		53.85	42.90	42.10	0.00	0.79*	0.00S		0.000							
SRN	AC	HHZ		134.2	189	51	P		36.12	25.17	24.06	0.00	0.51*	0.00		0.000	1.00	31		3.10		D	
BCI	AC	HHE		144.1	355	51		6	0.00-10.95	25.76	0.00			0.00		0.000	1.00			0.75	.80	2.89	L
							S		56.19	45.24	45.08	0.00	0.16	1.03S		0.490							
BCI	AC	HHZ		144.1	355	51	P		36.62	25.67	25.76	0.00	-0.09	1.03		0.247							
IGT	AC	HHZ		171.6	177	46	P		41.46	30.51	30.21	0.00	0.30	1.01		0.144							
IGT	AC	HHE		171.6	177	46	S		64.26	53.31	52.87	0.00	0.44	0.75S		0.153							

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2017-11-28 1102 44.13 40 33.79 20E50.61 1.84 0.02 1.13 0.77 1.83 2.08 1.9

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
 7 10 8.2 At1 144 8 0 5 3 6 3.00 0.14 L 2.00 0.19 D

1 28 NOV 2017, 11:02 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.10 308 57>-< 0.37 71 18>-< 0.28 170 25>

REGION= Korcë, Rajoni Korcës (Korce, Korca 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		8.2	325	95	P		45.91	1.78	1.81	0.00	-0.03	1.00		0.623	1.00	9	1.89	D			
KBN	AC	HHN		8.2	325	95		6	0.00-44.13	1.81	0.00			0.00		0.000	1.00			2.0	.28	1.83	L
							S		47.31	3.18	3.17	0.00	0.01	1.00S		0.876							
KBN	AC	HHE		8.2	325	95		6	0.00-44.13	1.81	0.00			0.00		0.000	1.00			2.8	.20	1.97	L
LSK	AC	HHZ		50.4	205	51	P		53.96	9.83	9.80	0.00	0.03	1.00		0.623	1.00	13	2.26	D			
LSK	AC	HHN		50.4	205	51		6	60.00	15.87	9.80	0.00		0.00		0.000	1.00			0.16	.30	1.37	L
							S		61.27	17.14	17.15	0.00	-0.01	1.00S		0.876							
FNA	AC	HHZ		51.7	61	51	P		53.77	9.64	10.03	0.00	-0.39	0.00		0.000							
FNA	AC	HHN		51.7	61	51	S		61.68	17.55	17.55	0.00	0.00	1.00S		0.999							

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2017-11-28 1104 31.74 40 38.60 20E44.99 10.28 0.14 0.65 0.52 2.75 2.64 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
12	18	3.8	At1	126	9	0	10	5	12		2.00	0.26	L 3.00 0.25 D

1 28 NOV 2017, 11:04 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 0.83 114 38>-< 0.49 310 49>-< 0.36 211 7>

REGION= Korcë, Rajoni Korcës (Korcë, Korca 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		3.8	124	157	P		33.92	2.18	2.08	0.00	0.10	1.01		0.263	1.00	15	2.39	D			
KBN	AC	HHN		3.8	124	157		6	0.00-31.74	2.08	0.00			0.00		0.000	1.00			23	.30	3.01	L
							S		35.40	3.66	3.64	0.00	0.02	1.01S		0.626							
FNA	AC	HHZ		55.7	73	95	P		41.73	9.99	10.24	0.00	-0.25	0.96		0.262							
FNA	AC	HHN		55.7	73	95	S		49.76	18.02	17.92	0.00	0.10	1.01S		0.703							
LSK	AC	HHZ		56.3	194	95	P		41.86	10.12	10.33	0.00	-0.21	1.00		0.140	1.00	19	2.64	D			
LSK	AC	HHN		56.3	194	95		6	0.00-31.74	10.33	0.00			0.00		0.000	1.00			1.7	.34	2.49	L
							S		49.74	18.00	18.08	0.00	-0.08	1.01S		0.289							
SRN	AC	HHZ		106.1	218	92	P		50.64	18.90	18.87	0.00	0.03	1.01		0.213	1.00	25	2.91	D			
SRN	AC	HHN		106.1	218	92	S		65.45	33.71	33.02	0.00	0.69*	0.00S		0.000							
IGT	AC	HHZ		128.5	197	68	P		54.60	22.86	22.62	0.00	0.24	0.98		0.179							
IGT	AC	HHN		128.5	197	68	S		71.36	39.62	39.58	0.00	0.04	1.01S		0.418							
BCI	AC	HHZ		199.7	344	68	P		66.74	35.00	33.97	0.00	1.03*	0.00		0.000							
BCI	AC	HHE		199.7	344	68	S		91.18	59.44	59.45	0.00	-0.01	1.01S		0.902							

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2017-11-28 1105 3.18 40 41.05 20E41.36 5.70 0.17 0.51 0.82 2.84 2.43 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 11 10.7 At1 165 18 0 6 3 7 3.00 0.12 L 2.00 0.04 D

1 28 NOV 2017, 11:05 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 0.96 142 58>-< 0.59 346 29>-< 0.45 249 10>

REGION= Visokë, Rajoni Fierit (Visokë, 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
KBN	AC	HHZ		10.7	129	114	P		6.17	2.99	2.44	0.00	0.55*	0.01		0.000	1.00	15	2.39 D
KBN	AC	HHN		10.7	129	114		6	0.00	-3.18	2.44	0.00		0.00		0.000	1.00		19 .34 2.96 L
							S		7.37	4.19	4.27	0.00	-0.08	1.18S		0.970			
KBN	AC	HHE		10.7	129	114		6	0.00	-3.18	2.44	0.00		0.00		0.000	1.00		15 .20 2.84 L
FNA	AC	HHZ		59.6	79	62	P		14.31	11.13	10.90	0.00	0.23	1.15		0.323			
FNA	AC	HHN		59.6	79	62	S		22.10	18.92	19.07	0.00	-0.15	1.18S		0.755			
LSK	AC	HHZ		59.8	188	62	P		14.36	11.18	10.93	0.00	0.25	1.12		0.244	1.00	16	2.47 D
LSK	AC	HHN		59.8	188	62		6	0.00	-3.18	10.93	0.00		0.00		0.000	1.00		1.8 .28 2.55 L
							S		22.20	19.02	19.13	0.00	-0.11	1.18S		0.826			
BPA2	AC	HHZ		90.6	274	62	P		19.25	16.07	16.23	0.00	-0.16	1.18		0.880			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2017-11-28 1928 29.24 41 14.69 19E57.77 11.83 0.06 0.60 1.04 1.89 2.12 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
 9 13 14.1 At1 155 8 0 7 3 8 3.00 0.03 L 1.00 0.00 D

1 28 NOV 2017, 19:28 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.20 267 60>-< 0.61 68 28>-< 0.32 161 8>

REGION= Pëllumbas, Rajoni Korcës (Pëllumbas, Korca 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		14.1	325	125	P		32.64	3.40	3.42	0.00	-0.02	1.02		0.916	1.00	11	2.12 D
TIR	AC	HHN		14.1	325	125		6	0.00	-29.24	3.42	0.00		0.00		0.000	1.00		0.92 .14 1.79 L
							S		34.25	5.01	5.98	0.00	-0.97*	0.00S		0.000			
TIR	AC	HHE		14.1	325	125		6	0.00	-29.24	3.42	0.00		0.00		0.000	1.00		1.2 .10 1.92 L
BCI	AC	HHN		124.9	3	68	P		51.31	22.07	21.94	0.00	0.13	0.91		0.248			
BCI	AC	HHE		124.9	3	68		6	60.00	30.76	21.94	0.00		0.00		0.000	1.00		0.10 .36 1.89 L

					S	67.58	38.34	38.39	0.00	-0.05	1.02S	0.780	
FNA	AC	HHZ	130.1	112	68	P	51.96	22.72	22.78	0.00	-0.06	1.02	0.298
FNA	AC	HHN	130.1	112	68	S	69.13	39.89	39.86	0.00	0.03	1.02S	0.736
IGT	AC	HHZ	192.8	170	68	P	62.05	32.81	32.77	0.00	0.04	1.02	0.332
IGT	AC	HHN	192.8	170	68	S	86.57	57.33	57.35	0.00	-0.02	1.02S	0.688

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	11	29	0153	40.57	42	0.88	20E30.14	5.15	0.51	4.01	5.30	2.38	2.4

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
10	14	53.1	At1	193	8	0	7	4	8		2.00	0.08	L	0.00	0.00	D

1 29 NOV 2017, 1:53 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 6.64 55 52>-< 4.10 244 36>-< 0.92 150 4>

REGION= 17km VL të Kukësit, Rajoni Kukësit (17 Km NE of Kukësi, Kukësi Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T		
BCI	AC	HHZ		53.1	318	62	P		49.74	9.17	9.83	0.00	-0.66*	1.06		0.493					
BCI	AC	HHE		53.1	318	62	S		57.94	17.37	17.20	0.00	0.17	1.06S		0.834					
BCI	AC	HHN		53.1	318	62		6	60.00	19.43	9.83	0.00		0.00		0.000	1.00	1.2	.56	2.30	L
FNA	AC	HHZ		155.5	151	55	P		68.54	27.97	27.29	0.00	0.68*	1.06		0.465					
FNA	AC	HHN		155.5	151	55	S		87.96	47.39	47.76	0.00	-0.37	1.06S		0.846					
FNA	AC	HHE		155.5	151	55		6	60.00	19.43	27.29	0.00		0.00		0.000	1.00	0.23	.37	2.45	L
KBN	AC	HHZ		156.3	171	55	P		67.82	27.25	27.42	0.00	-0.17	1.06		0.440					
KBN	AC	HHN		156.3	171	55	S		87.41	46.84	47.99	0.00	-1.15*	0.64S		0.179					
LSK	AC	HHZ		207.3	177	55	P		79.34	38.77	35.55	0.00	3.22*	0.00		0.000					
LSK	AC	HHN		207.3	177	55	S		103.06	62.49	62.21	0.00	0.28	1.06S		0.740					

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	11	29	0154	22.56	42	13.82	20E30.03	52.13	0.07	1.48	2.70	2.82	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	
13	18	38.8	At1	221	11	0	9	5	10		3.00	0.05	L	0.00	0.00	D

1 29 NOV 2017, 1:54 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.95 306 65>-< 1.50 56 8>-< 0.36 149 22>

REGION= 17km VL të Kukësit, Rajoni Kukësit (17 Km NE of Kukësi, Kukësi Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
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BCI	AC	HHZ	38.8	294	134	P	32.99	10.43	10.49	0.00	-0.06	1.14	0.520						
BCI	AC	HHN	38.8	294	134	S	40.93	18.37	18.36	0.00	0.01	1.14S	0.840						
BCI	AC	HHE	38.8	294	134	6	0.00	-22.56	10.49	0.00		0.00	0.000	1.00			2.8	.34	2.77 L
FNA	AC	HHZ	177.0	155	91	P	50.41	27.85	28.05	0.00	-0.20	0.66	0.222						
FNA	AC	HHN	177.0	155	91	S	71.65	49.09	49.09	0.00	0.00	1.14S	0.810						
FNA	AC	HHE	177.0	155	91	6	60.00	37.44	28.05	0.00		0.00	0.000	1.00			0.36	.34	2.82 L
KBN	AC	HHZ	180.0	172	91	P	51.25	28.69	28.46	0.00	0.23	0.39	0.047						
KBN	AC	HHN	180.0	172	91	S	72.27	49.71	49.81	0.00	-0.10	1.14S	0.272						
LSK	AC	HHZ	231.2	177	90	P	57.81	35.25	35.21	0.00	0.04	1.14	0.486						
LSK	AC	HHN	231.2	177	90	S	84.21	61.65	61.62	0.00	0.03	1.14S	0.303						
IGT	AC	HHZ	300.0	183	90	P	67.24	44.68	44.31	0.00	0.37	0.00	0.000						
IGT	AC	HHN	300.0	183	90	S	100.07	77.51	77.54	0.00	-0.03	1.14S	0.495						
IGT	AC	HHE	300.0	183	90	6	60.00	37.44	44.31	0.00		0.00	0.000	1.00			0.15	.77	3.00 L

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	11	29	1826	12.88	40 39.47	20E48.07	11.73	0.38	3.12	1.15	2.61	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
12	17	4.0	At1	215	10	0	9	5	10		2.00	0.44 L	0.00	0.00	D

1 29 NOV 2017, 18:26 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 3.16 320 9>-< 1.21 81 71>-< 0.71 228 15>

REGION= Korcë, Rajoni Korcës (Korcë, Korca 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		4.0	198	159	P	14.72	1.84	2.32	0.00	-0.48	1.03		0.325				
KBN	AC	HHN		4.0	198	159	S	16.95	4.07	4.06	0.00	0.01	1.04S		0.690				
KBN	AC	HHE		4.0	198	159	6	0.00	-12.88	2.32	0.00		0.00		0.000	1.00		22	.28 3.04 L
FNA	AC	HHZ		51.1	74	97	P	22.60	9.72	9.48	0.00	0.24	1.04		0.374				
FNA	AC	HHE		51.1	74	97	S	29.50	16.62	16.59	0.00	0.03	1.04S		0.668				
FNA	AC	HHN		51.1	74	97	6	0.00	-12.88	9.48	0.00		0.00		0.000	1.00		0.95	.28 2.17 L
LSK	AC	HHZ		59.0	198	96	P	22.31	9.43	10.82	0.00	-1.39*	0.00		0.000				
LSK	AC	HHE		59.0	198	96	S	32.28	19.40	18.93	0.00	0.46	1.04S		0.588				
SRN	AC	HHZ		110.0	219	78	P	32.92	20.04	19.52	0.00	0.52*	1.01		0.393				
SRN	AC	HHE		110.0	219	78	S	47.16	34.28	34.16	0.00	0.12	1.04S		0.405				
IGT	AC	HHZ		131.4	198	68	P	35.13	22.25	22.98	0.00	-0.73*	0.70		0.098				
IGT	AC	HHE		131.4	198	68	S	52.64	39.76	40.22	0.00	-0.46	1.04S		0.455				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	11	30	1801	35.60	41 42.33	20E19.58	6.13	0.26	0.92	2.38	3.01	3.22

SOURCE

NSTA	NPBS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
12	18	55.3	At1	154	21	0	11	6	12	#	2.00	0.01	L	3.00	0.00	D

1 30 NOV 2017, 18:01 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.40 34 82>-< 0.92 254 5>-< 0.48 163 4>

REGION= 9 Km VP të Peshkopisë, Rajoni Peshkopisë (9 Km NW of Peshkopia, Peshkopia Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T			
TIR	AC	HHZ		55.3	225	90	P		44.67	9.07	10.14	0.00	-1.07*	0.00		0.000	1.00	35	3.22	D		
TIR	AC	HHN		55.3	225	90		6	0.00-35.60	10.14	0.00			0.00		0.000	1.00		5.81.00	3.00	L	
							S		53.16	17.56	17.74	0.00	-0.18	1.06S		0.886						
BCI	AC	HHZ		76.5	344	90	P		49.11	13.51	13.77	0.00	-0.26	1.06		0.343	1.00	35	3.22	D		
BCI	AC	HHN		76.5	344	90		6	0.00-35.60	13.77	0.00			0.00		0.000	1.00		3.1	.68	3.01	L
							S		59.73	24.13	24.10	0.00	0.03	1.06S		0.605						
KBN	AC	HHZ		126.2	162	90	P		58.32	22.72	22.31	0.00	0.41	0.96		0.146						
KBN	AC	HHN		126.2	162	90	S		74.45	38.85	39.04	0.00	-0.19	1.06S		0.316						
FNA	AC	HHZ		135.6	138	90	P		59.65	24.05	23.92	0.00	0.13	1.06		0.239						
FNA	AC	HHN		135.6	138	90	S		77.06	41.46	41.86	0.00	-0.40	0.98S		0.399						
LSK	AC	HHZ		174.3	172	68	P		65.97	30.37	30.18	0.00	0.19	1.06		0.185	1.00	47	3.51	D		
LSK	AC	HHN		174.3	172	68	S		88.43	52.83	52.81	0.00	0.02	1.06S		0.533						
SRN	AC	HHZ		204.6	188	68	P		70.25	34.65	35.02	0.00	-0.37	1.02		0.177						

T rmetet Rajonal  (Parametric Data for Regional Events recorded by ASN)

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2017-11-04 0322 28.48 38 36.02 15E52.46 50.85 0.66 3.71 56.52 3.23 3.2

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
 21 29 374.2 At1 313 14 0 17 7 18 - 3.00 0.14 L 0.00 0.00 D

1 4 NOV 2017, 3:22 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 56.52 0 90>-< 3.71 136 0>-< 3.41 46 0>

REGION= Sicily (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
VLO	AC	HHZ		374.2	55	90	P		83.47	54.99	54.12	0.00	0.87*	1.12		0.123			
SRN	AC	HHZ		383.7	66	90	P		84.06	55.58	55.37	0.00	0.21	1.12		0.971			
SRN	AC	HHE		383.7	66	90	S		125.16	96.68	96.90	0.00	-0.22	1.12S		0.215			
SRN	AC	HHN		383.7	66	90		6	120.00	91.52	55.37	0.00		0.00		0.000	1.00	0.10	.18 3.09 L
BPA2	AC	HHZ		399.0	52	90	P		86.63	58.15	57.41	0.00	0.74*	1.12		0.179			
LKD2	AC	HHZ		416.9	85	90	P		88.15	59.67	59.77	0.00	-0.10	1.12		0.263			
LKD2	AC	HHN		416.9	85	90	S		132.95	104.47	104.60	0.00	-0.13	1.12S		0.490			
LSK	AC	HHZ		442.2	65	90	P		91.48	63.00	63.11	0.00	-0.11	1.12		0.143			
LSK	AC	HHE		442.2	65	90	S		138.62	110.14	110.44	0.00	-0.30	1.12S		0.210			
LSK	AC	HHN		442.2	65	90		6	120.00	91.52	63.11	0.00		0.00		0.000	1.00	0.38	.62 3.82 L
TIR	AC	HHZ		457.6	46	90	P		93.05	64.57	65.15	0.00	-0.58*	1.12		0.167			
TIR	AC	HHN		457.6	46	90	S		142.27	113.79	114.01	0.00	-0.22	1.12S		0.282			
TIR	AC	HHE		457.6	46	90		6	120.00	91.52	65.15	0.00		0.00		0.000	1.00	0.09	.20 3.23 L
KBN	AC	HHZ		478.2	60	90	P		96.58	68.10	67.88	0.00	0.22	1.12		0.150			
KBN	AC	HHN		478.2	60	90	S		148.72	120.24	118.79	0.00	1.45*	1.00S		0.156			
FNA	AC	HHZ		531.4	61	90	P		103.12	74.64	74.91	0.00	-0.27	1.12		0.116			
FNA	AC	HHN		531.4	61	90	S		157.40	128.92	131.09	0.00	-2.17*	0.45S		0.031			
BCI	AC	HHZ		549.0	38	90	P		103.73	75.25	77.25	0.00	-2.00*	0.60		0.067			
BCI	AC	HHN		549.0	38	90	S		163.64	135.16	135.19	0.00	-0.03	1.12S		0.412			
THE	AC	HHZ		649.9	67	90	P		116.87	88.39	90.59	0.00	-2.20*	0.42		0.018			
THE	AC	HHN		649.9	67	90	S		177.28	148.80	158.53	0.00	-9.73*	0.00S		0.000			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2017-11-05 0128 48.60 39 21.20 20E22.24 8.40 0.32 0.89 1.64 2.17 2.80 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
 15 22 20.1 At1 139 8 0 13 7 14 4.00 0.21 L 2.00 0.17 D

1 5 NOV 2017, 1:28 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.66 94 81>-< 0.90 250 7>-< 0.54 341 3>

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		20.1	350	102	P		52.90	4.30	4.13	0.00	0.17	1.06		0.185			
IGT	AC	HHE		20.1	350	102	S		55.55	6.95	7.23	0.00	-0.28	1.06S		0.380			
SRN	AC	HHZ		66.6	332	92	P		61.15	12.55	12.07	0.00	0.48	1.02		0.124	1.00	19	2.63 D
SRN	AC	HHE		66.6	332	92		6	60.00	11.40	12.07	0.00		0.00		0.000	1.00		0.08 .30 1.31 L
							S		70.08	21.48	21.12	0.00	0.36	1.06S		0.248			
LKD2	AC	HHZ		67.4	158	92	P		60.83	12.23	12.22	0.00	0.01	1.06		0.336			
LKD2	AC	HHN		67.4	158	92	S		70.08	21.48	21.38	0.00	0.10	1.06S		0.585			
LSK	AC	HHZ		90.6	12	91	P		63.91	15.31	16.20	0.00	-0.89*	0.27		0.009	1.00	27	2.97 D
LSK	AC	HHN		90.6	12	91		6	60.00	11.40	16.20	0.00		0.00		0.000	1.00		0.48 .34 2.31 L
							S		76.55	27.95	28.35	0.00	-0.40	1.06S		0.292			
VLO	AC	HHZ		144.7	330	68	P		76.01	27.41	25.32	0.00	2.09*	0.00		0.000			
VLO	AC	HHE		144.7	330	68		6	60.00	11.40	25.32	0.00		0.00		0.000	1.00		0.27 .30 2.45 L
							S		93.18	44.58	44.31	0.00	0.27	1.06S		0.293			
FNA	AC	HHZ		180.6	28	68	P		79.23	30.63	31.05	0.00	-0.42	1.06		0.221			
FNA	AC	HHE		180.6	28	68	S		103.30	54.70	54.34	0.00	0.36	1.06S		0.610			
SCTE	AC	HHZ		181.9	297	68	P		79.48	30.88	31.25	0.00	-0.37	1.06		0.212			
SCTE	AC	HHE		181.9	297	68	S		103.03	54.43	54.69	0.00	-0.26	1.06S		0.500			
SCTE	AC	HHN		181.9	297	68		6	60.00	11.40	31.25	0.00		0.00		0.000	1.00		0.06 .75 2.03 L

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2017-11-05 1719 8.18 39 56.34 20E36.19 0.00 0.54 1.97 4.80 1.61 1.6

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
 9 13 23.4 At1 177 6 0 7 4 8 # 1.00 0.00 L 0.00 0.00 D

1 5 NOV 2017, 17:19 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 4.90 56 78>-< 2.00 277 8>-< 0.93 185 7>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
LSK	AC	HHZ		23.4	0	61	P		13.46	5.28	4.95	0.00	0.33	1.03		0.480			
LSK	AC	HHE		23.4	0	61	S		16.75	8.57	8.66	0.00	-0.09	1.03S		0.837			
LSK	AC	HHN		23.4	0	61		6	0.00	-8.18	4.95	0.00		0.00		0.000	1.00		0.53 .46 1.61 L

IGT	AC	HHZ	51.0	208	51	P	16.29	8.11	10.02	0.00	-1.91*	0.00	0.000
IGT	AC	HHN	51.0	208	51	S	25.61	17.43	17.53	0.00	-0.10	1.03S	0.393
SRN	AC	HHZ	51.9	263	51	P	17.84	9.66	10.19	0.00	-0.53*	1.03	0.515
SRN	AC	HHN	51.9	263	51	S	26.93	18.75	17.83	0.00	0.92*	0.86S	0.634
LKD2	AC	HHN	127.8	177	51	S	49.53	41.35	40.62	0.00	0.73*	1.00S	0.643
LKD2	AC	HHZ	127.8	177	51	P	32.04	23.86	23.21	0.00	0.65*	1.02	0.494

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	11	06	0443	36.81	38 10.83	22E 2.45	15.33	0.28	4.37	5.10	3.67	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
13	18	138.3	At1	310	21	0	10	5	11	#	2.00	0.16 L	0.00 0.00 D

1 6 NOV 2017, 4:43 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>--< 6.72 182 49>--< 1.70 317 30>--< 1.51 61 23>

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	138.3	300	71	P		59.57	22.76	23.87	0.00	-1.11*	0.31			0.052			
LKD2	AC	HHN	138.3	300	71	S		78.64	41.83	41.77	0.00	0.06	1.13S			0.969			
IGT	AC	HHZ	211.1	316	51	P		72.11	35.30	35.24	0.00	0.06	1.13			0.416			
IGT	AC	HHE	211.1	316	51	S		98.63	61.82	61.67	0.00	0.15	1.13S			0.741			
LSK	AC	HHZ	251.7	331	51	P		77.54	40.73	40.61	0.00	0.12	1.13			0.281			
LSK	AC	HHN	251.7	331	51	S		107.46	70.65	71.07	0.00	-0.42	1.13S			0.257			
LSK	AC	HHE	251.7	331	51		6	60.00	23.19	40.61	0.00		0.00			0.000	1.00	1.71.12	3.83 L
KBN	AC	HHZ	292.0	339	51	P		82.97	46.16	45.94	0.00	0.22	1.13			0.326			
KBN	AC	HHN	292.0	339	51	S		117.32	80.51	80.39	0.00	0.12	1.13S			0.304			
KBN	AC	HHE	292.0	339	51		6	120.00	83.19	45.94	0.00		0.00			0.000	1.00	0.54 .69	3.51 L
FNA	AC	HHZ	294.3	350	51	P		80.00	43.19	46.25	0.00	-3.06*	0.00			0.000			
FNA	AC	HHE	294.3	350	51	S		117.87	81.06	80.94	0.00	0.12	1.13S			0.526			
BCI	AC	HHZ	494.2	341	51	P		108.59	71.78	72.69	0.00	-0.91*	0.67			0.122			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	11	06	1600	24.50	41 55.17	19E20.53	25.02	0.33	1.11	2.07	2.82	2.96 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
12	17	77.0	At1	172	21	0	9	5	10	#	2.00	0.19 L	2.00 0.05 D

1 6 NOV 2017, 16:00 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>--< 2.16 58 73>--< 1.12 322 1>--< 0.86 232 15>

REGION= Mali 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
TIR	AC	HHE		77.0	145	90	S		48.64	24.14	24.24	0.00	-0.10	1.09S		0.601						
TIR	AC	HHZ		77.0	145	90	P		38.38	13.88	13.85	0.00	0.03	1.09		0.389	1.00	22	3.00	D		
TIR	AC	HHN		77.0	145	90		6	0.00	-24.50	13.85	0.00		0.00		0.000	1.00			1.2	.36	2.63 L
BCI	AC	HHN		77.9	50	90	S		48.83	24.33	24.48	0.00	-0.15	1.09S		0.879						
BCI	AC	HHZ		77.9	50	90	P		39.48	14.98	13.99	0.00	0.99*	0.32		0.050	1.00	20	2.91	D		
BCI	AC	HHE		77.9	50	90		6	0.00	-24.50	13.99	0.00		0.00		0.000	1.00			2.8	.28	3.01 L
KBN	AC	HHN		188.1	139	62	S		79.52	55.02	54.60	0.00	0.42	1.09S		0.372						
FNA	AC	HHE		212.5	125	56	S		84.35	59.85	60.38	0.00	-0.53*	1.07S		0.551						
FNA	AC	HHZ		212.5	125	56	P		59.56	35.06	34.50	0.00	0.56*	1.04		0.133						
NOCI	AC	HHN		228.3	238	56	S		88.40	63.90	64.03	0.00	-0.13	1.09S		0.869						
NOCI	AC	HHZ		228.3	238	56	P		63.06	38.56	36.59	0.00	1.97*	0.00		0.000						
IGT	AC	HHZ		278.0	162	56	P		67.53	43.03	43.16	0.00	-0.13	1.09		0.152						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	11	06	2323	19.66	40 38.10	21E17.45	6.36	0.33	2.16	28.92	2.85	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
6	9	18.1	At1	203	6	0	6	3	6	-	0.00	0.00 L	3.00	0.01	D

1 6 NOV 2017, 23:23 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>-< 28.93 51 88>-< 2.16 316 0>-< 0.69 226 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
FNA	AC	HHZ		18.1	25	92	P		23.68	4.02	3.74	0.00	0.28	1.06		0.538	1.00	24	2.85	D		
FNA	AC	HHN		18.1	25	92	S		26.14	6.48	6.55	0.00	-0.07	1.06S		0.849						
KBN	AC	HHZ		42.6	269	90	P		27.17	7.51	7.95	0.00	-0.44	0.97		0.477	1.00	17	2.53	D		
KBN	AC	HHN		42.6	269	90	S		33.73	14.07	13.91	0.00	0.16	1.06S		0.858						
LSK	AC	HHZ		79.7	228	90	P		33.51	13.85	14.33	0.00	-0.48	0.88		0.431	1.00	24	2.86	D		
LSK	AC	HHE		79.7	228	90	S		45.18	25.52	25.08	0.00	0.44	0.96S		0.844						

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	11	07	0240	34.43	36 32.84	27E29.31	0.61	0.98	63.95	48.01	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
16	24	652.7	At1	341	13	0	13	5	16	-	2.00	0.25 L	0.00	0.00	D

1 7 NOV 2017, 2:40 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 79.97 124 36>-< 13.57 32 2>-< 2.99 299 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
LKD2	AC	HHZ		652.7	295	37	P	129.92	95.49	95.48	0.00	0.01	1.14		0.352				
LKD2	AC	HHN		652.7	295	37	S	202.99	168.56	167.09	0.00	1.47*	1.14S		0.746				
FNA	AC	HHZ		709.8	314	37	P	136.34	101.91	103.04	0.00	-1.13*	1.14		0.346				
FNA	AC	HHN		709.8	314	37	S	211.09	176.66	180.32	0.00	-3.66*	0.06S		0.003				
IGT	AC	HHN		711.2	301	37	S	213.70	179.27	180.64	0.00	-1.37*	1.14S		0.270				
IGT	AC	HHZ		711.2	301	37	P	137.11	102.68	103.22	0.00	-0.54*	1.14		0.179				
LSK	AC	HHZ		723.6	306	37	P	139.88	105.45	104.86	0.00	0.59*	1.14		0.164				
LSK	AC	HHN		723.6	306	37		6	180.00	145.57	104.86	0.00	0.00		0.000	1.00		0.66 .87	4.60 L
							S		221.61	187.18	183.51	0.00	3.67*	0.06S		0.000			
KBN	AC	HHZ		739.3	310	37	P	141.01	106.58	106.93	0.00	-0.35	1.14		0.150				
KBN	AC	HHN		739.3	310	37	S	215.56	181.13	187.13	0.00	-6.00*	0.00S		0.000				
SRN	AC	HHZ		753.8	302	37	P	142.49	108.06	108.86	0.00	-0.80*	1.14		0.179				
SRN	AC	HHN		753.8	302	37	S	223.46	189.03	190.51	0.00	-1.48*	1.14S		0.284				
VLO	AC	HHZ		822.9	305	37	P	153.38	118.95	118.00	0.00	0.95*	1.14		0.171				
VLO	AC	HHN		822.9	305	37	S	241.83	207.40	206.50	0.00	0.90*	1.14S		0.323				
TIR	AC	HHZ		849.8	312	37	P	157.24	122.81	121.55	0.00	1.26*	1.14		0.200				
TIR	AC	HHN		849.8	312	37		6	240.00	205.57	121.55	0.00	0.00		0.000	1.00		0.14 .77	4.10 L
							S		247.63	213.20	121.55	0.00	0.49	1.14S		0.624			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2017-11-09 1222 35.51 40 35.83 22E 5.44 25.00 0.36 2.23 3.84 2.41 3.76 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 63.2 At1 282 16 0 8 5 10 2.00 0.12 L 1.00 0.00 D

1 9 NOV 2017, 12:22 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 4.41 346 60>-< 2.23 251 3>-< 1.29 159 29>

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		63.2	290	90	P	47.19	11.68	11.64	0.00	0.04	1.03		0.478	1.00	48	3.76 D	
FNA	AC	HHE		63.2	290	90	S	55.67	20.16	20.37	0.00	-0.21	1.03S		0.655				
LSK	AC	HHZ		136.1	250	90	P	56.57	21.06	23.27	0.00	-2.21*	0.00		0.000				
LSK	AC	HHN		136.1	250	90		6	60.00	24.49	23.27	0.00	0.00		0.000	1.00		0.36 .74	2.53 L
							S		76.20	40.69	40.72	0.00	-0.03	1.03S		0.974			

LKD2	AC	HHZ	100.0	2	136	P	46.81	22.20	22.55	0.00	-0.35	1.13	0.359	1.00	38	4.96	D	
LKD2	AC	HHN	100.0	2	136	S	64.20	39.59	39.46	0.00	0.13	1.13S	0.706					
IGT	AC	HHZ	183.9	353	118	P	56.95	32.34	31.44	0.00	0.90*	1.13	0.228	1.00	58	5.37	D	
IGT	AC	HHN	183.9	353	118	S	86.55	61.94	55.02	0.00	6.92*	0.00S	0.000					
SRN	AC	HHZ	227.1	347	112	P	64.42	39.81	36.61	0.00	3.20*	0.14	0.005					
SRN	AC	HHN	227.1	347	112	S	87.98	63.37	64.07	0.00	-0.70*	1.13S	0.553					
SRN	AC	HHE	227.1	347	112		6	60.00	35.39	36.61	0.00	0.00	0.000	1.00		0.301.17	3.11	L
LSK	AC	HHZ	250.9	0	110	P	61.47	36.86	39.54	0.00	-2.68*	0.45	0.029					
LSK	AC	HHE	250.9	0	110	S	94.52	69.91	69.19	0.00	0.71*	1.13S	0.190					
KBN	AC	HHZ	304.0	2	106	P	69.39	44.78	46.20	0.00	-1.42*	1.12	0.198					
KBN	AC	HHN	304.0	2	106	S	106.06	81.45	80.85	0.00	0.60*	1.13S	0.220					
FNA	AC	HHZ	328.1	11	105	P	74.38	49.77	49.26	0.00	0.51*	1.13	0.309					
FNA	AC	HHN	328.1	11	105	S	110.23	85.62	86.20	0.00	-0.58*	1.13S	0.555					
BCI	AC	HHZ	499.2	355	99	P	96.78	72.17	71.42	0.00	0.75*	1.13	0.294					
BCI	AC	HHN	499.2	355	99	S	149.42	124.81	124.99	0.00	-0.18	1.13S	0.350					
BCI	AC	HHE	499.2	355	99		6	120.00	95.39	71.42	0.00	0.00	0.000	1.00		0.19 .34	3.68	L

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	11	16	1045	22.38	41 43.03	20E56.27	8.59	0.49	1.84	2.18	3.69	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
22	31	102.0	At1	204	16	0	16	8	19		3.00	0.03 L	0.00 0.00 D

1 16 NOV 2017, 10:45 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.86 59 49>-< 1.45 255 38>-< 0.84 158 8>

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	
TIR	AC	HHZ		98.5	246	91	P		36.81	14.43	17.56	0.00	-3.13*	0.00	0.000				
TIR	AC	HHE		98.5	246	91		6	0.00	-22.38	17.56	0.00	0.00	0.000	1.00		3.5 .37	3.24	L
BCI	AC	HHZ		102.0	316	91	P		40.66	18.28	18.16	0.00	0.12	1.06	0.334				
BCI	AC	HHN		102.0	316	91	S		53.85	31.47	31.78	0.00	-0.31	1.06S	0.542				
BCI	AC	HHE		102.0	316	91		6	0.00	-22.38	18.16	0.00	0.00	0.000	1.00		10 .36	3.72	L
FNA	AC	HHZ		110.4	160	91	P		41.95	19.57	19.62	0.00	-0.05	1.06	0.251				
FNA	AC	HHE		110.4	160	91	S		56.68	34.30	34.33	0.00	-0.03	1.06S	0.365				
KBN	AC	HHZ		122.1	186	91	P		44.59	22.21	21.63	0.00	0.58*	1.06	0.160				
KBN	AC	HHN		122.1	186	91	S		59.55	37.17	37.85	0.00	-0.68*	1.06S	0.405				
BPA1	AC	HHZ		154.1	225	68	P		50.17	27.79	26.80	0.00	0.99*	1.04	0.077				
BPA1	AC	HHN		154.1	225	68	S		69.54	47.16	46.90	0.00	0.26	1.06S	0.318				
BPA2	AC	HHZ		155.7	226	68	P		48.85	26.47	27.07	0.00	-0.60*	1.06	0.081				
BPA2	AC	HHE		155.7	226	68	S		69.54	47.16	47.37	0.00	-0.21	1.06S	0.325				
LSK	AC	HHZ		176.4	190	68	P		52.98	30.60	30.36	0.00	0.24	1.06	0.086				

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		
FNA	AC	HHZ		107.4	195	51	P		32.32	20.04	19.54	0.00	0.50*	1.02		0.221					
FNA	AC	HHN		107.4	195	51	S		46.25	33.97	34.19	0.00	-0.22	1.13S		0.264					
KBN	AC	HHZ		143.9	213	51	P		37.97	25.69	25.80	0.00	-0.11	1.13		0.274					
KBN	AC	HHN		143.9	213	51	S		57.36	45.08	45.15	0.00	-0.07	1.13S		0.405					
KBN	AC	HHE		143.9	213	51		6	60.00	47.72	25.80	0.00		0.00		0.000	1.00	0.56	.63	2.76	L
BCI	AC	HHZ		153.6	299	46	P		39.68	27.40	27.44	0.00	-0.04	1.13		0.391					
BCI	AC	HHE		153.6	299	46	S		60.19	47.91	48.02	0.00	-0.11	1.13S		0.595					
BCI	AC	HHN		153.6	299	46		6	60.00	47.72	27.44	0.00		0.00		0.000	1.00	6351.13		5.87	L
TIR	AC	HHZ		159.0	256	46	P		41.73	29.45	28.31	0.00	1.14*	0.00		0.000					
TIR	AC	HHE		159.0	256	46	S		62.00	49.72	49.54	0.00	0.18	1.13S		0.594					
TIR	AC	HHN		159.0	256	46		6	60.00	47.72	28.31	0.00		0.00		0.000	1.00	0.25	.40	2.50	L
LSK	AC	HHZ		197.5	209	46	P		46.42	34.14	34.44	0.00	-0.30	1.13		0.191					
LSK	AC	HHE		197.5	209	46	S		73.58	61.30	60.27	0.00	1.03*	0.01S		0.000					
LSK	AC	HHN		197.5	209	46		6	60.00	47.72	34.44	0.00		0.00		0.000	1.00	1.0	.50	3.36	L
SRN	AC	HHZ		249.7	216	37	P		53.69	41.41	42.06	0.00	-0.65*	0.70		0.064					
SRN	AC	HHE		249.7	216	37	S		86.28	74.00	73.60	0.00	0.40	1.12S		0.329					
IGT	AC	HHZ		269.2	207	37	P		57.29	45.01	44.64	0.00	0.37	1.13		0.217					
IGT	AC	HHE		269.2	207	37	S		90.11	77.83	78.12	0.00	-0.29	1.13S		0.450					

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2017-11-21 1100 58.59 39 53.53 20E45.68 6.31 0.03 0.75 12.73 1.79 2.19 1.8

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
 9 13 31.8 At1 210 8 0 6 3 8 - 1.00 0.00 L 1.00 0.00 D

1 21 NOV 2017, 11:00 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 12.73 0 90>-< 0.75 262 0>-< 0.34 352 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		31.8	335	90	P		64.73	6.14	6.09	0.00	0.05	1.00		0.465	1.00	12	2.19	D	
LSK	AC	HHE		31.8	335	90	S		69.23	10.64	10.66	0.00	-0.02	1.00S		0.580					
LSK	AC	HHN		31.8	335	90		6	60.00	1.41	6.09	0.00		0.00		0.000	1.00	0.64	.51	1.79	L
IGT	AC	HHZ		54.5	223	90	P		68.58	9.99	10.00	0.00	-0.01	1.00		0.246					
IGT	AC	HHE		54.5	223	90	S		75.61	17.02	17.50	0.00	-0.48	0.00S		0.000					
SRN	AC	HHZ		65.1	270	90	P		70.43	11.84	11.81	0.00	0.03	1.00		0.918					
SRN	AC	HHN		65.1	270	90	S		79.26	20.67	20.67	0.00	0.00	1.00S		0.959					
LKD2	AC	HHE		122.8	185	90	S		96.59	38.00	38.03	0.00	-0.03	1.00S		0.786					
LKD2	AC	HHZ		122.8	185	90	P		80.72	22.13	21.73	0.00	0.40	0.00		0.000					

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2017-11-21 2353 31.18 40 3.95 20E54.26 0.00 0.24 0.89 2.00 2.02 3.08 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
 9 13 27.7 At1 194 6 0 8 4 8 # 1.00 0.00 L 2.00 0.12 D

1 21 NOV 2017, 23:53 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 2.00 29 86>-< 0.89 120 0>-< 0.54 212 3>

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		27.7	290	61	P		37.04	5.86	5.77	0.00	0.09	1.12		0.473	1.00	27	2.96 D
LSK	AC	HHN		27.7	290	61	S		41.46	10.28	10.10	0.00	0.18	1.12S		0.729			
LSK	AC	HHE		27.7	290	61		6	0.00	-31.18	5.77	0.00		0.00		0.000	1.00		1.2 .15 2.02 L
KBN	AC	HHZ		62.7	351	51	P		43.31	12.13	12.04	0.00	0.09	1.12		0.274			
KBN	AC	HHN		62.7	351	51	S		51.84	20.66	21.07	0.00	-0.41	0.79S		0.464			
IGT	AC	HHZ		77.1	220	51	P		45.34	14.16	14.50	0.00	-0.34	1.02		0.406	1.00	34	3.19 D
IGT	AC	HHE		77.1	220	51	S		56.73	25.55	25.38	0.00	0.18	1.12S		0.841			
FNA	AC	HHZ		89.3	26	51	P		47.55	16.37	16.60	0.00	-0.23	1.12		0.475			
FNA	AC	HHN		89.3	26	51	S		60.69	29.51	29.05	0.00	0.46	0.59S		0.335			

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2017-11-22 1842 39.50 40 21.32 20E34.43 6.18 0.13 0.80 16.32 1.32 2.26 1.3

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
 10 15 22.9 At1 168 10 0 9 4 10 - 3.00 0.14 L 3.00 0.08 D

1 22 NOV 2017, 18:42 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 16.32 0 90>-< 0.80 304 0>-< 0.29 33 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		22.9	174	90	P		44.18	4.68	4.57	0.00	0.11	1.12		0.254	1.00	12	2.18 D
LSK	AC	HHE		22.9	174	90		6	0.00	-39.50	4.57	0.00		0.00		0.205	1.00		0.37 .05 1.46 L
							S		47.47	7.97	8.00	0.00	-0.03	1.12S		0.654			
KBN	AC	HHZ		34.9	31	90	P		46.01	6.51	6.62	0.00	-0.11	1.12		0.804	1.00	13	2.26 D
KBN	AC	HHE		34.9	31	90		6	0.00	-39.50	6.62	0.00		0.00		0.000	1.00		0.12 .34 1.09 L
							S		50.73	11.23	11.59	0.00	-0.36	0.02S		0.000			

SRN	AC	HHZ	71.9	223	90	P	52.64	13.14	12.99	0.00	0.15	1.11	0.321	1.00	14	2.34	D			
SRN	AC	HHE	71.9	223	90		60.00	20.50	12.99	0.00		0.00	0.000	1.00			0.07	.30	1.32	L
						S	62.10	22.60	22.73	0.00	-0.13	1.12S	0.506							
FNA	AC	HHZ	83.3	55	90	P	54.60	15.10	14.95	0.00	0.15	1.11	0.311							
FNA	AC	HHE	83.3	55	90	S	65.56	26.06	26.16	0.00	-0.10	1.12S	0.555							
IGT	AC	HHZ	93.8	193	90	P	56.38	16.88	16.75	0.00	0.13	1.12	0.136							
IGT	AC	HHN	93.8	193	90	S	68.64	29.14	29.31	0.00	-0.17	1.04S	0.248							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	11	23	0602	23.60	41 52.71	20E33.80	16.15	0.21	1.65	1.60	2.43	2.82	2.4

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L F X							
7	10	68.0	At1	186	13	0	6	3	7	-	2.00	0.16	L	2.00	0.35	D				

1 23 NOV 2017, 6:02 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 21.60 0 90>-< 1.65 244 0>-< 0.43 334 0>

REGION= Kosove (Kosovo)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T				
BCI	AC	HHZ		68.0	324	90	P		36.15	12.55	12.31	0.00	0.24	1.11		0.815	1.00	16	2.47	D			
BCI	AC	HHN		68.0	324	90		6	0.00	-23.60	12.31	0.00		0.00		0.030	1.00			1.5	.15	2.59	L
							S		44.96	21.36	21.54	0.00	-0.18	1.11S		0.892							
TIR	AC	HHZ		82.9	225	90	P		38.51	14.91	14.86	0.00	0.05	1.11		0.726							
FNA	AC	HHZ		139.8	150	90	P		47.38	23.78	24.66	0.00	-0.28	0.45		0.082							
FNA	AC	HHN		139.8	150	90	S		66.84	43.24	43.15	0.00	0.08	1.11S		0.747							
KBN	AC	HHZ		140.6	172	90	P		46.65	23.05	24.79	0.00	-0.24	1.11		0.226	1.00	33	3.16	D			
KBN	AC	HHE		140.6	172	90		6	60.00	36.40	24.79	0.00		0.00		0.000	1.00			0.19	.43	2.27	L
							S		66.92	43.32	43.38	0.00	-0.06	1.11S		0.478							

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG	
2017	11	23	0602	23.31	41 59.95	20E43.22	20.14	0.57	2.26	2.84	2.50	3.23	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							
14	20	67.6	At1	209	12	0	11	5	12		2.00	0.22	L	1.00	0.00	D				

1 23 NOV 2017, 6:02 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 3.07 31 67>-< 2.40 242 19>-< 1.07 148 10>

REGION= Kosove (Kosovo)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
BCI	AC	HHZ		67.6	308	90	P		35.94	12.63	12.36	0.00	0.27	1.11		0.376	1.00	30	3.23 D
BCI	AC	HHN		67.6	308	90	S		44.67	21.36	21.63	0.00	-0.27	1.11S		0.577			
BCI	AC	HHE		67.6	308	90		6	0.00	-23.31	12.36	0.00		0.00		0.000	1.00		1.9 .20 2.72 L
TIR	AC	HHZ		101.5	225	90	P		40.39	17.08	17.76	0.00	-0.68*	1.11		0.216			
TIR	AC	HHN		101.5	225	90	S		54.68	31.37	31.08	0.00	0.29	1.11S		0.801			
FNA	AC	HHZ		146.2	157	90	P		47.50	24.19	24.88	0.00	-0.69*	1.11		0.359			
FNA	AC	HHE		146.2	157	90	S		66.83	43.52	43.54	0.00	-0.02	1.11S		0.524			
KBN	AC	HHZ		152.9	177	90	P		50.74	27.43	25.95	0.00	1.48*	0.59		0.065			
KBN	AC	HHE		152.9	177	90	S		65.39	42.08	45.41	0.00	-3.33*	0.00S		0.000			
KBN	AC	HHN		152.9	177	90		6	60.00	36.69	25.95	0.00		0.00		0.000	1.00		0.16 .57 2.28 L
LSK	AC	HHZ		205.6	183	56	P		58.17	34.86	34.02	0.00	0.84*	1.10		0.191			
LSK	AC	HHN		205.6	183	56	S		82.69	59.38	59.53	0.00	-0.16	1.11S		0.423			
IGT	AC	HHZ		276.0	187	56	P		68.22	44.91	43.33	0.00	1.58*	0.47		0.032			
IGT	AC	HHN		276.0	187	56	S		98.86	75.55	75.83	0.00	-0.28	1.11S		0.430			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	11	23	1058	1.51	39 59.76	20E38.53	3.07	0.13	0.67	1.35	1.68	2.76

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	17.5	At1	173	16	0	7	4	9		1.00	0.00 L	2.00 0.08 D

1 23 NOV 2017, 10:58 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.49 319 65>-< 0.72 110 21>-< 0.34 205 10>

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		17.5	348	94	P		4.84	3.33	3.60	0.00	-0.27	1.00		0.438	1.00	24	2.84 D
LSK	AC	HHN		17.5	348	94	S		7.96	6.45	6.30	0.00	0.15	1.00S		0.586			
LSK	AC	HHE		17.5	348	94		6	0.00	-1.51	3.60	0.00		0.00		0.000	1.00		0.77 .37 1.68 L
SRN	AC	HHZ		56.3	257	62	P		12.19	10.68	10.57	0.00	0.11	1.00		0.194	1.00	20	2.68 D
SRN	AC	HHN		56.3	257	62	S		19.94	18.43	18.50	0.00	-0.07	1.00S		0.834			
IGT	AC	HHZ		58.1	208	62	P		12.49	10.98	10.87	0.00	0.11	1.00		0.461			
IGT	AC	HHN		58.1	208	62	S		20.48	18.97	19.02	0.00	-0.05	1.00S		0.488			
FNA	AC	HHN		107.6	35	62	S		35.42	33.91	33.91	0.00	0.00	1.00S		0.995			
LKD2	AC	HHZ		134.0	179	62	P		27.59	26.08	23.92	0.00	2.16*	0.00		0.000			
LKD2	AC	HHN		134.0	179	62	S		46.07	44.56	41.86	0.00	2.70*	0.00S		0.000			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	11	25	0046	44.39	39 58.44	20E39.76	0.03	0.16	0.93	1.70		2.72

SOURCE

NSTA	NPBS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
8	12	20.3	At1	196	7	0	8	4	8	#	0.00	0.00	L	2.00	0.09	D

1 25 NOV 2017, 0:46 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 1.74 56 76>-< 0.95 272 10>-< 0.34 180 7>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T	
LSK	AC	HHZ		20.3	345	61	P		48.67	4.28	4.34	0.00	-0.06	1.14		0.504	1.00	23	2.80	D
LSK	AC	HHE		20.3	345	61	S		52.00	7.61	7.59	0.00	0.02	1.14S		0.818				
IGT	AC	HHZ		56.8	211	51	P		55.23	10.84	11.02	0.00	-0.18	1.14		0.417	1.00	19	2.63	D
IGT	AC	HHN		56.8	211	51	S		63.49	19.10	19.28	0.00	-0.19	1.14S		0.416				
SRN	AC	HHZ		57.6	260	51	P		55.33	10.94	11.15	0.00	-0.21	1.13		0.421				
SRN	AC	HHN		57.6	260	51	S		64.19	19.80	19.51	0.00	0.29	0.82S		0.592				
LKD2	AC	HHZ		131.6	181	51	P		68.62	24.23	23.86	0.00	0.37	0.34		0.057				
LKD2	AC	HHE		131.6	181	51	S		86.17	41.78	41.75	0.00	0.03	1.14S		0.771				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	11	25	0119	23.45	40 25.45	22E24.17	4.74	0.16	2.10	3.63		2.86

SOURCE

NSTA	NPBS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
11	16	95.0	At1	285	8	0	10	4	11		0.00	0.00	L	1.00	0.00	D

1 25 NOV 2017, 1:19 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 4.19 60 59>-< 0.95 243 30>-< 0.74 152 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	
FNA	AC	HHZ		95.0	296	62	P		40.59	17.14	17.06	0.00	0.08	1.11		0.352	1.00	24	2.86	D
FNA	AC	HHN		95.0	296	62	S		53.23	29.78	29.85	0.00	-0.07	1.11S		0.707				
KBN	AC	HHZ		138.7	280	62	P		47.82	24.37	24.57	0.00	-0.20	1.11		0.362				
KBN	AC	HHN		138.7	280	62	S		66.67	43.22	43.00	0.00	0.22	1.10S		0.383				
LSK	AC	HHZ		156.4	260	55	P		51.09	27.64	27.48	0.00	0.16	1.11		0.204				
LSK	AC	HHN		156.4	260	55	S		70.81	47.36	48.09	0.00	-0.73*	0.00S		0.000				
IGT	AC	HHZ		203.0	242	55	P		58.30	34.85	34.90	0.00	-0.05	1.11		0.327				
IGT	AC	HHN		203.0	242	55	S		84.68	61.23	61.07	0.00	0.16	1.11S		0.510				
SRN	AC	HHZ		213.5	255	55	P		59.53	36.08	36.58	0.00	-0.50	0.15		0.004				
SRN	AC	HHN		213.5	255	55	S		87.18	63.73	64.01	0.00	-0.28	1.00S		0.319				
LKD2	AC	HHZ		235.4	221	43	P		63.14	39.69	39.66	0.00	0.03	1.11		0.829				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2017-11-25 0151 21.52 39 14.96 23E51.68 51.39 0.30 1.98 28.21 3.88

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 16 271.5 At1 311 12 0 11 5 11 - 0.00 0.00 L 1.00 0.00 D

1 25 NOV 2017, 1:51 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 28.21 0 90>-< 1.98 279 0>-< 1.71 8 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
FNA	AC	HHZ		271.5	310	90	P		61.71	40.19	40.54	0.00	-0.35	1.22		0.364	1.00	36	3.88	D
FNA	AC	HHE		271.5	310	90	S		92.45	70.93	70.94	0.00	-0.02	1.22S		0.528				
LKD2	AC	HHZ		282.2	261	90	P		63.03	41.51	41.95	0.00	-0.44	1.21		0.356				
LKD2	AC	HHE		282.2	261	90	S		95.07	73.55	73.41	0.00	0.14	1.22S		0.577				
LSK	AC	HHZ		297.2	291	90	P		66.42	44.90	43.94	0.00	0.96*	0.13		0.999				
LSK	AC	HHE		297.2	291	90	S		98.36	76.84	76.89	0.00	-0.06	1.22S		0.309				
KBN	AC	HHZ		303.9	302	90	P		66.99	45.47	44.82	0.00	0.65*	0.88		0.139				
IGT	AC	HHZ		305.9	278	90	P		66.65	45.13	45.09	0.00	0.04	1.22		0.209				
IGT	AC	HHE		305.9	278	90	S		101.32	79.80	78.91	0.00	0.89*	0.24S		0.013				
SRN	AC	HHZ		339.2	284	90	P		71.42	49.90	49.49	0.00	0.41	1.22		0.194				
SRN	AC	HHN		339.2	284	90	S		107.97	86.45	86.61	0.00	-0.16	1.22S		0.307				

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
 2017-11-25 0337 0.06 40 25.29 22E23.60 6.71 0.12 0.51 0.74 2.42 2.77

SOURCE

NSTA NPHS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
 19 27 94.4 At1 261 15 0 13 7 16 3.00 0.17 L 1.00 0.00 D

1 25 NOV 2017, 3:36 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 0.88 288 57>-< 0.57 70 26>-< 0.43 169 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
FNA	AC	HHZ		94.4	296	90	P		17.05	16.99	16.84	0.00	0.15	1.23		0.325	1.00	22	2.77	D
FNA	AC	HHN		94.4	296	90	S		29.61	29.55	29.47	0.00	0.08	1.23S		0.359				
KBN	AC	HHZ		137.9	280	90	P		23.73	23.67	24.33	0.00	-0.66*	0.01		0.000				
KBN	AC	HHN		137.9	280	90	S		42.67	42.61	42.58	0.00	0.03	1.23S		0.354				
LSK	AC	HHZ		155.6	260	68	P		27.05	26.99	27.17	0.00	-0.18	1.23		0.137				

23 31 34.0 Atl 130 10 0 13 6 16 7.00 0.16 L 1.00 0.00 D

1 25 NOV 2017, 7:35 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>-< 1.22 249 58>-< 0.54 352 7>-< 0.41 86 30>

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		34.0	291	101	P		50.53	6.31	6.57	0.00	-0.26	1.06		0.181	1.00	30		3.09	D	
IGT	AC	HHE		34.0	291	101	S		55.64	11.42	11.50	0.00	-0.08	1.06S		0.361						
IGT	AC	HHN		34.0	291	101		6	0.00	-44.22	6.57	0.00		0.00		0.000	1.00			8.4	.25	2.94 L
LKD2	AC	HHZ		70.8	184	94	P		57.28	13.06	12.84	0.00	0.22	1.06		0.702						
LKD2	AC	HHE		70.8	184	94	S		68.60	24.38	22.47	0.00	1.91*	0.00S		0.000						
LKD2	AC	HHN		70.8	184	94		6	60.00	15.78	12.84	0.00		0.00		0.000	1.00			1.2	.31	2.56 L
SRN	AC	HHZ		78.4	311	94	P		58.48	14.26	14.14	0.00	0.12	1.06		0.122						
SRN	AC	HHE		78.4	311	94	S		69.07	24.85	24.74	0.00	0.11	1.06S		0.282						
SRN	AC	HHN		78.4	311	94		6	60.00	15.78	14.14	0.00		0.00		0.000	1.00			0.80	.50	2.44 L
LSK	AC	HHZ		80.8	354	94	P		58.59	14.37	14.55	0.00	-0.18	1.06		0.248						
LSK	AC	HHE		80.8	354	94	S		69.82	25.60	25.46	0.00	0.14	1.06S		0.553						
LSK	AC	HHN		80.8	354	94		6	60.00	15.78	14.55	0.00		0.00		0.000	1.00			2.0	.56	2.86 L
KBN	AC	HHZ		133.2	3	68	P		69.58	25.36	23.30	0.00	2.06*	0.00		0.000						
KBN	AC	HHN		133.2	3	68	S		86.06	41.84	40.77	0.00	1.07*	0.28S		0.018						
KBN	AC	HHE		133.2	3	68		6	60.00	15.78	23.30	0.00		0.00		0.000	1.00			0.42	.46	2.56 L
FNA	AC	HHZ		161.4	20	68	P		72.02	27.80	27.80	0.00	0.00	1.06		0.164						
FNA	AC	HHE		161.4	20	68	S		90.88	46.66	48.65	0.00	-1.99*	0.00S		0.000						
FNA	AC	HHN		161.4	20	68		6	60.00	15.78	27.80	0.00		0.00		0.000	1.00			0.30	.50	2.60 L
THE	AC	HHZ		235.0	54	50	P		82.89	38.67	38.84	0.00	-0.17	1.06		0.215						
THE	AC	HHN		235.0	54	50	S		112.20	67.98	67.97	0.00	0.01	1.06S		0.394						
BCI	AC	HHZ		330.9	351	50	P		95.69	51.47	51.53	0.00	-0.06	1.06		0.166						
BCI	AC	HHN		330.9	351	50	S		134.46	90.24	90.18	0.00	0.06	1.06S		0.586						
BCI	AC	HHE		330.9	351	50		6	120.00	75.78	51.53	0.00		0.00		0.000	1.00			0.08	.47	2.82 L

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH RMS ERH ERZ XMAG FMAG PMAG
2017-11-25 1929 18.42 43 45.21 17E49.55 0.00 0.41 6.05 4.08 3.68

SOURCE

NSTA NPBS DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH N.XMG-XMMAD-T N.FMG-FMMAD-T L F X
21 27 238.9 Atl 271 6 0 15 6 16 # 5.00 0.07 L 0.00 0.00 D

1 25 NOV 2017, 19:29 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>-< 7.30 350 34>-< 1.47 210 48>-< 1.32 96 20>

REGION= Bosnje-Hercegovina

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		238.9	129	37	P		60.11	41.69	40.86	0.00	0.83*	0.69		0.100					
BCI	AC	HHN		238.9	129	37	S		90.29	71.87	71.51	0.00	0.36	1.07S		0.528					
BCI	AC	HHE		238.9	129	37		6	60.00	41.58	40.86	0.00		0.00		0.000	1.00	1.4	.63	3.68	L
SGRT	AC	HHZ		279.4	218	37	P		64.86	46.44	46.21	0.00	0.23	1.07		0.441					
SGRT	AC	HHE		279.4	218	37	S		100.08	81.66	80.87	0.00	0.79*	0.76S		0.537					
SGRT	AC	HHN		279.4	218	37		6	60.00	41.58	46.21	0.00		0.00		0.000	1.00	0.91	.43	3.69	L
TIR	AC	HHZ		315.4	147	37	P		69.79	51.37	50.97	0.00	0.40	1.07		0.142					
TIR	AC	HHE		315.4	147	37	S		108.24	89.82	89.20	0.00	0.62*	1.00S		0.222					
TIR	AC	HHN		315.4	147	37		6	120.00	101.58	50.97	0.00		0.00		0.000	1.00	0.35	.47	3.41	L
NOCI	AC	HHZ		335.2	192	37	P		71.64	53.22	53.60	0.00	-0.38	1.07		0.196					
NOCI	AC	HHE		335.2	192	37	S		112.25	93.83	93.80	0.00	0.03	1.07S		0.411					
NOCI	AC	HHN		335.2	192	37		6	60.00	41.58	53.60	0.00		0.00		0.000	1.00	0.67	.54	3.75	L
SCTE	AC	HHN		411.8	172	37	S		129.37	110.95	111.51	0.00	-0.56*	1.05S		0.423					
KBN	AC	HHZ		425.1	143	37	P		84.14	65.72	65.49	0.00	0.23	1.07		0.143					
FNA	AC	HHZ		441.8	137	37	P		86.36	67.94	67.69	0.00	0.25	1.07		0.163					
FNA	AC	HHE		441.8	137	37	S		136.91	118.49	118.46	0.00	0.03	1.07S		0.299					
FNA	AC	HHN		441.8	137	37		6	120.00	101.58	67.69	0.00		0.00		0.000	1.00	0.11	.41	3.28	L
LSK	AC	HHZ		461.6	149	37	P		88.57	70.15	70.31	0.00	-0.16	1.07		0.145					
SRN	AC	HHZ		466.6	156	37	P		89.49	71.07	70.98	0.00	0.09	1.07		0.162					
IGT	AC	HHZ		513.3	155	37	P		94.77	76.35	77.14	0.00	-0.79*	0.77		0.081					
LKD2	AC	HHZ		600.3	155	37	P		105.06	86.64	88.65	0.00	-2.01*	0.00		0.000					

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	11	29	0841	47.42	35 56.87	21E45.82	17.10	0.46	24.87	31.50	3.62	3.6

SOURCE

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	L	F	X	
11	16	330.2	At1	344	17	0	8	5	10	-	1.00	0.00	L	0.00	0.00	D

1 29 NOV 2017, 8:41 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 40.14 168 51>-< 7.99 79 0>-< 2.52 350 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		330.2	344	51	P		98.98	51.56	50.81	0.00	0.75*	1.11		0.334			
LKD2	AC	HHE		330.2	344	51	S		136.64	89.22	88.92	0.00	0.30	1.12S		0.290			
IGT	AC	HHZ		417.4	343	51	P		107.85	60.43	62.34	0.00	-1.91*	0.07		0.001			
IGT	AC	HHN		417.4	343	51	S		157.02	109.60	109.10	0.00	0.50*	1.12S		0.283			
SRN	AC	HHZ		463.2	341	51	P		115.50	68.08	68.40	0.00	-0.32	1.12		0.462			
SRN	AC	HHN		463.2	341	51	S		166.56	119.14	119.70	0.00	-0.56*	1.12S		0.575			
LSK	AC	HHZ		477.5	349	51	P		117.29	69.87	70.30	0.00	-0.43	1.12		0.446			
LSK	AC	HHN		477.5	349	51	S		170.04	122.62	123.02	0.00	-0.40	1.12S		0.617			

LSK	AC	HHE	477.5	349	51	6	180.00	132.58	70.30	0.00	0.00	0.000	1.00	0.201.00	3.62	L
FNA	AC	HHZ	537.6	357	51	P	122.29	74.87	78.25	0.00	-3.38*	0.00	0.000			
FNA	AC	HHN	537.6	357	51	S	184.49	137.07	136.94	0.00	0.13	1.12S	0.987			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	11	29	0926	50.71	40 22.25	22E15.16	5.97	0.61	6.91	12.88	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	
6	9	86.6	At1	299	22	0	6	3	6	#	0.00	0.00	L	1.00	0.00	D

1 29 NOV 2017, 9:26 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 14.62 82 61>-< 3.69 278 27>-< 2.45 183 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	
FNA	AC	HHZ		86.6	303	62	P		65.56	14.85	15.51	0.00	-0.66*	1.07	0.546	1.00	27	2.97	D
FNA	AC	HHN		86.6	303	62	S		77.51	26.80	27.14	0.00	-0.34	1.07S	0.852				
LSK	AC	HHZ		142.8	261	62	P		76.87	26.16	25.17	0.00	0.99*	0.76	0.338				
LSK	AC	HHN		142.8	261	62	S		95.32	44.61	44.05	0.00	0.56*	1.07S	0.890				
IGT	AC	HHZ		188.9	242	55	P		83.00	32.29	32.53	0.00	-0.24	1.07	0.558				
IGT	AC	HHN		188.9	242	55	S		106.78	56.07	56.93	0.00	-0.86*	0.95S	0.814				

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017	11	30	0450	15.59	38 56.35	21E13.98	1.04	0.18	1.52	2.60	2.64	

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	52.6	At1	249	10	0	8	4	10		1.00	0.00	L	0.00	0.00	D

1 30 NOV 2017, 4:50 SEQUENCE NO. 1, ID NO. 0
 ERROR ELLIPSE: <SERR AZ DIP>-< 3.01 156 59>-< 1.33 281 18>-< 0.69 19 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		
LKD2	AC	HHZ		52.6	252	51	P		25.69	10.10	10.16	0.00	-0.06	1.02	0.940					
LKD2	AC	HHN		52.6	252	51	S		32.36	16.77	17.78	0.00	-1.01*	0.00S	0.000					
LKD2	AC	HHE		52.6	252	51		6	0.00	-15.59	10.16	0.00	0.00	0.000	1.00		2.8	.10	2.64	L
LSK	AC	HHZ		145.1	339	51	P		41.22	25.63	26.04	0.00	-0.41	0.90	0.371					
LSK	AC	HHN		145.1	339	51	S		61.10	45.51	45.57	0.00	-0.06	1.02S	0.317					
SRN	AC	HHZ		148.9	315	51	P		42.34	26.75	26.71	0.00	0.04	1.02	0.364					

SRN	AC	HHN	148.9	315	51	S	62.40	46.81	46.74	0.00	0.07	1.02S	0.686
KBN	AC	HHZ	190.9	349	46	P	49.36	33.77	33.43	0.00	0.34	0.99	0.363
KBN	AC	HHE	190.9	349	46	S	74.09	58.50	58.50	0.00	0.00	1.02S	0.336
FNA	AC	HHZ	205.0	3	46	P	50.25	34.66	35.67	0.00	-1.01*	0.00	0.000
FNA	AC	HHE	205.0	3	46	S	77.95	62.36	62.42	0.00	-0.06	1.02S	0.620

Tërmëte të largëta (Long distance earthquake)

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	11	12	1818	17.3						7.3		Iran-Iraq Border Region
GAP=					hor.err=		ver.err=					

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
THE	AC	iP		1822	39.33					
FNA	AC	iP		1822	51.61					
LKD2	AC	iP		1822	54.36					
KBN	AC	iP		1822	56.23					
IGT	AC	iP		1822	56.69					
LSK	AC	iP		1822	56.92					
SRN	AC	iP		1822	59.51					
BPA2	AC	iP		1823	03.91					
TIR	AC	iP		1823	05.10					
VLO	AC	iP		1823	05.25					

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	11	19	2243	30.0						7.0		LOYALTY ISLANDS
GAP=					hor.err=		ver.err=					

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
FNA	AC	iP		2303	07.24					
LSK	AC	iP		2303	08.85					
BCI	AC	iP		2303	09.01					
KBN	AC	iP		2303	09.33					

IGT	AC	iP	2303	10.45
LKD2	AC	iP	2303	11.06
TIR	AC	iP	2303	11.87
BPA1	AC	iP	2303	11.57
SCTE	AC	iP	2303	12.03
SRN	AC	iP	2303	12.25
BPA2	AC	iP	2303	13.02
VLO	AC	iP	2303	14.45

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

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	11	08	1826	36.62								BPA
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
BPA2	SZ	IPG		1826	41.72							
BPA2	SE	ISG		1826	46.95							
FNA	SZ	IPG		1826	59.51							
FNA	SE	ISG		1826	75.22							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	11	12	1937	31.59								BPA
GAP=					hor.err=		ver.err=					

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
VLO	SZ	IPG		1937	31.59					
VLO	SE	ISG		1937	31.59					
BPA2	SZ	IPG		1937	31.59					
BPA2	SE	ISG		1937	31.59					

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	11	13	0943	54.92								KBN
GAP=					hor.err=					ver.err=		

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
KBN	SZ	IPG		0943	54.92					
KBN	SE	ISG		0943	56.59					

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	11	13	0944	18.75								KBN
GAP=					hor.err=					ver.err=		

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
KBN	SZ	IPG		0944	18.75					
KBN	SE	ISG		0944	19.92					

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	11	13	0944	45.84								KBN
GAP=					hor.err=					ver.err=		

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
KBN	SZ	IPG		0944	45.84					
KBN	SE	ISG		0944	47.97					

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	11	13	0946	20.24								KBN
GAP=					hor.err=					ver.err=		

STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
KBN	SZ	IPG		0946	20.24							
KBN	SE	ISG		0946	21.54							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	11	13	0947	19.93								KBN
GAP=					hor.err=					ver.err=		

STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
KBN	SZ	IPG		0947	19.93							
KBN	SE	ISG		0947	21.45							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	11	13	0957	01.76								KBN
GAP=					hor.err=					ver.err=		

STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
KBN	SZ	IPG		0957	01.76							
KBN	SE	ISG		0957	03.07							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	11	13	0957	10.87								KBN
GAP=					hor.err=					ver.err=		

STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
KBN	SZ	IPG		0957	10.87							
KBN	SE	ISG		0957	12.29							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	11	13	1001	54.19								KBN
GAP=					hor.err=					ver.err=		

STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
KBN	SZ	IPG		1001	54.19							
KBN	SE	ISG		0957	55.73							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	11	13	1002	06.75								KBN
GAP=					hor.err=					ver.err=		

STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
KBN	SZ	IPG		1002	06.75							
KBN	SE	ISG		1002	08.13							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	11	13	1019	55.88								KBN
GAP=					hor.err=					ver.err=		

STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
KBN	SZ	IPG		1019	55.88							
KBN	SE	ISG		1019	57.03							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	11	13	1020	15.36								KBN
GAP=					hor.err=					ver.err=		

STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
KBN	SZ	IPG		1020	15.36							
KBN	SE	ISG		1020	16.61							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	11	13	1540	41.47								KBN
GAP=					hor.err=					ver.err=		

STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
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KBN SZ IPG 1540 41.47
KBN SE ISG 1540 43.01

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

2017 11 14 0206 40.41 KBN
GAP= hor.err= ver.err=

STAT SP IPHASW D HRMM SECON AZIMU RES DIS DUR Md
KBN SZ IPG 0206 40.41
KBN SE ISG 0206 41.94

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

2017 11 14 0207 51.84 KBN
GAP= hor.err= ver.err=

STAT SP IPHASW D HRMM SECON AZIMU RES DIS DUR Md
KBN SZ IPG 0207 51.84
KBN SE ISG 0207 53.35

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

2017 11 14 0208 49.49 KBN
GAP= hor.err= ver.err=

STAT SP IPHASW D HRMM SECON AZIMU RES DIS DUR Md
KBN SZ IPG 0208 49.49
KBN SE ISG 0208 50.58

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

2017 11 14 0224 00.90 KBN
GAP= hor.err= ver.err=

STAT SP IPHASW D HRMM SECON AZIMU RES DIS DUR Md
KBN SZ IPG 0224 00.90

KBN SE ISG 0224 04.91

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

2017 11 14 0227 18.56 KBN

GAP= hor.err= ver.err=

STAT SP IPHASW D HRMM SECON AZIMU RES DIS DUR Md

KBN SZ IPG 0227 18.56

KBN SE ISG 0227 19.86

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

2017 11 14 0236 55.56 KBN

GAP= hor.err= ver.err=

STAT SP IPHASW D HRMM SECON AZIMU RES DIS DUR Md

KBN SZ IPG 0236 55.56

KBN SE ISG 0236 56.85

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

2017 11 14 0329 43.20 KBN

GAP= hor.err= ver.err=

STAT SP IPHASW D HRMM SECON AZIMU RES DIS DUR Md

KBN SZ IPG 0329 43.20

KBN SE ISG 0329 44.61

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

2017 11 14 0456 46.56 KBN

GAP= hor.err= ver.err=

STAT SP IPHASW D HRMM SECON AZIMU RES DIS DUR Md

KBN SZ IPG 0456 46.56

KBN SE ISG 0456 47.86

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	11	14	0503	40.41								KBN
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
KBN	SZ	IPG		0503	40.41							
KBN	SE	ISG		0503	41.94							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	11	14	0535	01.44								KBN
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
KBN	SZ	IPG		0535	01.44							
KBN	SE	ISG		0535	03.13							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	11	14	0535	18.93								KBN
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
KBN	SZ	IPG		0535	19.93							
KBN	SE	ISG		0535	20.43							

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	11	14	0537	26.83								KBN
GAP=					hor.err=		ver.err=					
STAT	SP	IPHASW	D	HRMM	SECON			AZIMU	RES	DIS	DUR	Md
KBN	SZ	IPG		0537	26.83							
KBN	SE	ISG		0537	28.49							

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

2017 11 14 0539 37.69 KBN
GAP= hor.err= ver.err=

STAT SP IPHASW D HRMM SECON AZIMU RES DIS DUR Md
KBN SZ IPG 0539 37.69
KBN SE ISG 0539 39.22

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

2017 11 14 0611 48.37 KBN
GAP= hor.err= ver.err=

STAT SP IPHASW D HRMM SECON AZIMU RES DIS DUR Md
KBN SZ IPG 0611 48.37
KBN SE ISG 0611 49.88

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

2017 11 15 2322 30.89 BPA
GAP= hor.err= ver.err=

STAT SP IPHASW D HRMM SECON AZIMU RES DIS DUR Md
BPA1 SZ IPG 2315 26.87
BPA1 SE ISG 2315 31.04
BPA2 SZ IPG 2315 27.30
BPA2 SE ISG 2315 31.73

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

2017 11 15 2315 21.49 BPA
GAP= hor.err= ver.err=

STAT SP IPHASW D HRMM SECON AZIMU RES DIS DUR Md
BPA1 SZ IPG 2315 34.87
BPA1 SE ISG 2315 37.99

BPA2 SZ IPG 2315 34.99
 BPA2 SE ISG 2315 37.95

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

2017 11 18 0449 45.01 BPA
 GAP= hor.err= ver.err=

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
BPA1	SZ	IPG		0449	48.49					
BPA1	SE	ISG		0449	50.98					
BPA2	SZ	IPG		0449	48.66					
BPA2	SE	ISG		0449	51.51					

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

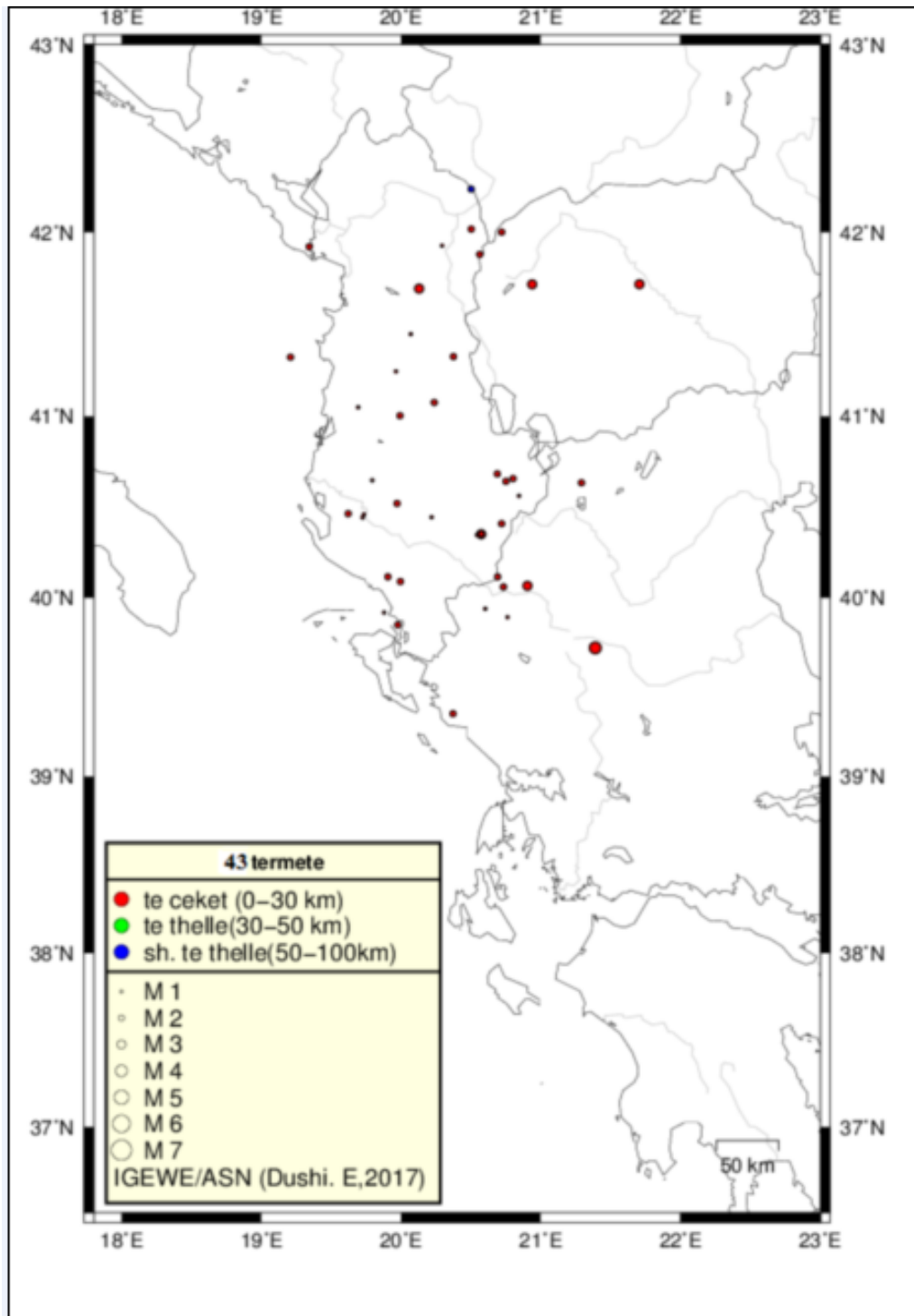
2017 11 26 0025 38.43 BPA
 GAP= hor.err= ver.err=

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
TIR	SZ	IPG		0025	45.74					
TIR	SE	ISG		0025	52.14					
FNA	SZ	IPG		0025	56.38					
FNA	SE	ISG		0025	69.59					

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

2017 11 29 0834 33.83 BPA
 GAP= hor.err= ver.err=

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
BPA1	SZ	IPG		0834	36.54					
BPA1	SE	ISG		0834	38.39					
BPA2	SZ	IPG		0834	36.74					
BPA2	SE	ISG		0834	39.10					



-Fig. 2 -

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

Statistika e ngjarjeve (Events Statistics)

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

Të dhënat përfaqësuese	Representative Parameters	Vlerat (observed values)
Numuri i përgjithshëm i ngjarjeve të regjistruara (kuandrat 39 ^o -43 ^o V; 18.5 ^o -21.5 ^o L)	[total recorded number of seismic events]	43
Numuri i ngjarjeve sizmike brenda kufirit shtetëror	[earthquakes occurred within state border]	32
Thellësia mesatare e vrojtuar (km)	[mean observed depth]	10
Thellësia maksimale e vrojtuar (km)	[maximum observed depth]	52
Magnituda lokale minimale e vrojtuar (M _{Ld})	[minimum observed local magnitude]	1.0
Magnituda lokale maksimale e vrojtuar (M _{Ld})	[maximum observed local magnitude]	4.0
Intensiteti maksimal i vrojtuar (MSK-64)	[maximum observed intensity]	V

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