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

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

BULETINI SIZMOLOGJIK

Nëntor 2016

Përpiloi:

Prof. Dr. Rrapo ORMENI

Dr. Edmond DUSHI

Përgjegjësi i Departamentit

Prof. Asoc. Dr. Rrexhep KOCI

H Y R J E

Buletini sizmologjik përmban ngjarjet sizmike (tërmetet), e regjistruar, lokalizuar dhe analizuar gjatë periudhës kohore një-mujore. Përpos pasqyrimit 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 drejtpërdrejt 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 përftuara ruhen ne formatet standart të Hypoinverse 2000, në skedarin hyp.prt dhe atë akiv, që shërbejnë edhe si baza për përpilimin e këtij buletini dhe analizës së kryer.

Briefing:

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

Stacionet Sizmikë (*Seismic Stations*)

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

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

3C – sensor të shpejtësisë me tre komponente regjistrimi (3 – component velocimeters)
BB – sensor me reagim frekuencial me bandë të gjerë, në intervalin e frekuencave të fushës sizmike
10^{-3} – 10^{2} Hz (Broadband sensors)
RT – regjistrim dhe tranmetim i të dhënave valore nga stacionet periferik në Qendrën Kombëtare të Monitorimit, në kohë reale (Real time comunication)
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)

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	Comunication	Nat.l Period (s)
TIR	Po (Y)	41.3477	19.8650	198	3C-BB	STS-2	Libra VSAT (InterNaqs)	RT satellite	120
BCI	Po (Y)	42.3666	20.0675	500	3C-BB	CMG-40T	Libra VSAT	RT satellite	40
PHP	Po (Y)	41.6847	20.4408	670	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
SDA	Po (Y)	42.0519	19.4986	80	3C-SP	SM-4	GBV-316	Dial-up	0.2
LACI	Po (Y)	41.6363	19.7094	40	3C-SP	SM-4	GBV-316	Dial-up	0.2
TPE	Po (Y)	40.2952	20.0109	240	3C-SP	SM-4	GBV-316	Dial-up	0.2
LSK	Po (Y)	40.1500	20.6000	920	3C-BB	CMG-40T	Libra VSAT	RT satellite	40
KBN	Po (Y)	40.6236	20.7874	800	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
VLO	Po (Y)	40.4686	19.4955	80	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
SRN	Po (Y)	39.8800	20.0005	20	3C-BB	Trillium 40T	Libra VSAT.	RT satellite	40
PUK	Po (Y)	42.0426	19.8926	900	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
KKS	Po (Y)	42.0756	20.4113	300	3C-SP	SM-4	GBV-316	Dial-up	0.2

Rrjeti Sizmologjik Virtual (Virtual Seismological Network)

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

Kodi	Regjistruar (Po/Jo)	Gjer. Gjeo.	Gjat. Gjeo.	Lartesia	Tipi i stacionit	Sensori	Terheqja e Informacionit	Komunikimi	T_0
Station Code	Registered (WDC)	Latitude (degree)	Longitude (degree)	Elev. (m)	Station type	Sensor type	Acquisition system	Comunication	Nat.l Period (s)
MRVN	Po (Y)	41.0609	16.1958	610	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
NOCI	Po (Y)	40.7888	17.0644	420	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
SCTE	Po (Y)	40.0724	18.4675	150	3C-BB	Trillium 40T, 120S	Libra VSAT	RT satellite	40/120
SGRT	Po (Y)	41.7546	15.7437	960	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
LKD2	Po (Y)	38.7889	20.6578	485	3C-BB	CMG-3ESP/100	Trident	RT	40
THE	Po (Y)	40.6319	22.9628	124	3C-BB	Trillium 120	Taurus	GPRS	120
NEST	Po (Y)	40.4147	21.0489	1056	3C-BB	Trillium 120	Taurus	GPRS	120
FNA	Po (Y)	40.7818	21.3835	750	3C-BB	CMG-3EPS/100	Trident	RT	40
IGT	Po (Y)	39.5315	20.3299	270	3C-BB	CMG-3EPS/100	HRD24	RT	40

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

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

Kodi	Regjistruar (Po/Jo)	Gjer. Gjeo.	Gjat. Gjeo.	Lartesia	Tipi i stacionit	Sensori	Terheqja e Informacionit	Komunikimi	T$_0$
Station Code	Registered (WDC)	Latitude (degree)	Longitude (degree)	Elev. (m)	Station type	Sensor type	Acquisition system	Comunication	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	Comunication	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.
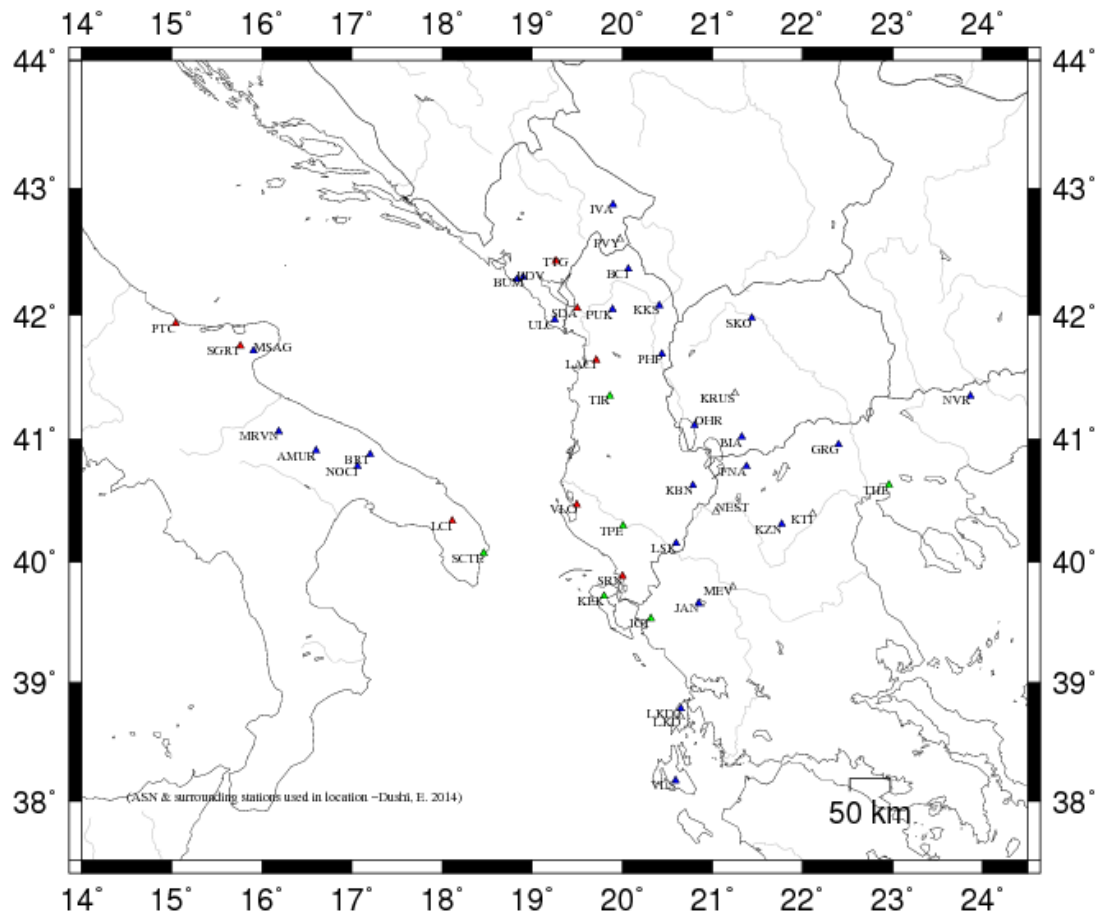
-Fig. 1-
Harta e shpërndarjes së stacioneve të rrjetit sizmologjik Shqipëtar (ASN), Universitetit 'Aristotel' të Selanikut (THE), Observatorit Kombëtar të Athinës (ATH), INGV, rrjetit sizmologjik Malazez (PDG) dhe atij Maqedonas (SKO).
[Seismological station distribution map for ASN, THE, ATH, INGV, PDG & SKO]

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

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

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

ERH   Gabimi horizontal në lokalizim (përafërsisht aksi maksimal i elipsit të gabimit në epiqendër), [*horizontal location error, aproximately equal to the major epicenter's error ellipse*].

ERZ   Gabimi në thellësi, [*Defined as the largest projections of the three principal errors on a vertical line*].

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

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

TERMETE TE AFERTA (NEAR EARTHQUAKE)

```
YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH    ERZ   XMAG  FMAG  PMAG
2016-11-02  2244  0.29  40 8.12   20E33.92   1.87   0.21 21.24  18.07  2.03  2.13  2.0
                                                                               SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T    N.FMG-FMMAD-T  L F X
   5    7   3.3  Atl  180   9   0   4   2   4      -        1.00  0.00 L     2.00  0.22 D

2.  2 NOV 2016, 22:44  SEQUENCE NO.   1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<  21.24 150  0>-<  20.72  60 60>-<   0.26 240 29>

REGION= 3km P të Leskovikut, Rajoni Ersekës (3km W of Leskoviku, Leskoviku Region, Albania)

STA NET COM CR DIST AZM  AN P/S WT    SEC (TOBS -TCAL -DLY =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
LSK  AC HHZ      3.3  60 119  P       0.65  0.36  0.75 0.00 -0.39 1.75      0.874 1.00  13   1.91 D
LSK  AC HHE      3.3  60 119  S       1.61  1.32  1.31 0.00  0.01 1.75S     0.959
LSK  AC HHN      3.3  60 119     6    0.00 -0.29  0.75 0.00       0.00      0.000 1.00                 6.3 .10   2.03 L
SRN  AC HHZ     55.9 240  61  P      10.99 10.70 10.59 0.00  0.11 1.75      0.874 1.00  17   2.34 D
SRN  AC HHN     55.9 240  61  S      18.75 18.46 18.53 0.00 -0.07 1.75S     0.959


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH    ERZ   XMAG  FMAG  PMAG
2016-11-04  0455 18.84  41 52.85   20E 1.52   5.03   0.70  2.10   3.84  2.34  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
  12   18  40.8  Atl  170   8   0  12   6  12      #        2.00  0.08 L     2.00  0.20 D

3.  4 NOV 2016,  4:55  SEQUENCE NO.   1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<   3.87 334 83>-<   2.10  89  2>-<   1.11 179  5>

REGION= Reps, Rajoni Mirditës (Reps, Mirdita Region, Albania)
```

```
STA NET COM CR DIST AZM   AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
PHP AC HHZ     40.8 122  61 P      26.85  8.01  8.12 0.00 -0.11 1.18      0.380 1.00  41    3.07 D
PHP AC HHN     40.8 122  61      6  0.00-18.84  8.12 0.00        0.00     0.000 1.00              2.2 .36   2.41 L
                            S      33.72 14.88 14.21 0.00  0.67* 1.18S    0.636
BCI AC HHZ     54.1   3  61 P      29.14 10.30 10.44 0.00 -0.14 1.18      0.387
BCI AC HHE     54.1   3  61 S      37.37 18.53 18.27 0.00  0.26 1.18S     0.697
TIR AC HHZ     60.7 193  61 P      29.60 10.76 11.60 0.00 -0.84* 1.18     0.400 1.00  25    2.67 D
TIR AC HHE     60.7 193  61      6  0.00-18.84 11.60 0.00        0.00     0.000 1.00             0.90 .50   2.26 L
                            S      38.47 19.63 20.30 0.00 -0.67* 1.18S    0.449
FNA AC HHE    166.8 136  39 S      67.04 48.20 50.00 0.00 -1.80* 0.32S    0.052
FNA AC HHZ    166.8 136  39 P      46.63 27.79 28.57 0.00 -0.78* 1.18     0.121
LSK AC HHZ    198.2 165  39 P      52.94 34.10 32.54 0.00  1.56* 0.61     0.031
LSK AC HHE    198.2 165  39 S      76.66 57.82 56.94 0.00  0.87* 1.18S    0.590
SRN AC HHZ    222.2 181  39 P      53.89 35.05 35.58 0.00 -0.53* 1.18     0.148
SRN AC HHE    222.2 181  39 S      82.77 63.93 62.26 0.00  1.67* 0.48S    0.105


****
YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH  RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-11-04  0508 52.97  41 52.19   19E57.88   2.36  0.40  1.14  2.21  4.06  3.97  4.1
                                                                               SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T  N.FMG-FMMAD-T  L F X
  16   24  44.6  Atl  173   7   0  15   7  16             4.00  0.19 L   5.00  0.20 D

4.  4 NOV 2016,  5:08  SEQUENCE NO.   1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<   2.23 326 81>-<   1.14  98  5>-<   0.66 188  6>

REGION= Reps, Rajoni Mirditës (Reps, Mirdita Region, Albania)

STA NET COM CR DIST AZM   AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
PHP AC HHN     44.6 117  61      6 60.00  7.03  8.56 0.00        0.00     0.000 1.00              62 .46   3.89 L
                            S      68.32 15.35 14.98 0.00  0.37 1.12S     0.587
PHP AC HHZ     44.6 117  61 P      61.45  8.48  8.56 0.00 -0.08 1.12      0.345 1.00  89    3.73 D
BCI AC HHN     55.8   8  61      6 60.00  7.03 10.53 0.00        0.00     0.000 1.00              96 .47   4.22 L
                            S      71.36 18.39 18.43 0.00 -0.04 1.12S     0.686
BCI AC HHZ     55.8   8  61 P      63.66 10.69 10.53 0.00  0.16 1.12      0.360 1.00 117    3.97 D
TIR AC HHE     58.6 189  61      6 60.00  7.03 11.01 0.00        0.00     0.000 1.00              38 .80   3.86 L
                            S      72.08 19.11 19.27 0.00 -0.16 1.12S     0.257
TIR AC HHZ     58.6 189  61 P      63.78 10.81 11.01 0.00 -0.20 1.12      0.282 1.00  90    3.75 D
BPA1 AC HHE   129.9 192  46 S      93.47 40.50 40.20 0.00  0.30 1.12S     0.388
BPA1 AC HHZ   129.9 192  46 P      76.35 23.38 22.97 0.00  0.41 1.12      0.141
VLO AC HHE    160.5 195  46 S     101.97 49.00 47.95 0.00  1.05* 0.37S    0.043
VLO AC HHZ    160.5 195  46 P      80.15 27.18 27.40 0.00 -0.22 1.12      0.150
FNA AC HHE    169.5 135  39 S     102.14 49.17 49.94 0.00 -0.77* 0.90S    0.363
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FNA  AC HHZ    169.5 135  39  P        81.32 28.35 28.54 0.00 -0.19  1.12        0.100
LSK  AC HHE    198.3 164  39      6    60.00  7.03 32.19 0.00        0.00        0.000 1.00                      19 .87    4.63 L
                               S       110.21 57.24 56.33 0.00  0.91* 0.65S       0.158
LSK  AC HHZ    198.3 164  39  P        86.01 33.04 32.19 0.00  0.85* 0.76         0.038 1.00 124    4.15 D
SRN  AC HHE    221.0 179  39  S        112.65 59.68 61.35 0.00 -1.67* 0.00S       0.000
SRN  AC HHZ    221.0 179  39  P        87.49 34.52 35.06 0.00 -0.54* 1.12         0.094 1.00 124    4.17 D



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS    ERH    ERZ   XMAG   FMAG   PMAG
2016-11-04  0519 56.58  41 52.48   19E56.44   2.00  0.50   1.91   5.99   1.49   2.11   1.5
                                                                                         SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
   6    9  46.6  Atl  183   6   0   6   3   6      #        2.00  0.05 L    3.00  0.01 D

5.  4 NOV 2016,  5:19  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   6.01 274 85>-<   1.92  89  4>-<   1.04   0  0>

REGION=  Reps, Rajoni Mirditës (Reps, Mirdita Region, Albania)

STA NET COM CR DIST AZM  AN P/S WT    SEC (TOBS -TCAL -DLY  =RES)   WT   SR   INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
PHP  AC HHZ    46.6 116  61  P        65.34  8.76  9.14 0.00 -0.38  1.03        0.505 1.00  13    2.10 D
PHP  AC HHN    46.6 116  61      6    60.00  3.42  9.14 0.00        0.00        0.000 1.00                      0.26 .21    1.54 L
                               S       72.76 16.18 15.99 0.00  0.19  1.03S       0.838
BCI  AC HHZ    55.7  10  61  P        66.78 10.20 10.72 0.00 -0.42  1.02        0.510 1.00  18    2.38 D
BCI  AC HHN    55.7  10  61      6    60.00  3.42 10.72 0.00        0.00        0.000 1.00                      0.16 .51    1.44 L
                               S       75.94 19.36 18.76 0.00  0.40  0.98S       0.824
TIR  AC HHZ    58.9 187  61  P        67.31 10.73 11.28 0.00 -0.55* 1.01        0.511 1.00  13    2.11 D
TIR  AC HHE    58.9 187  61  S        76.96 20.38 19.74 0.00  0.64* 0.93S       0.810



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS    ERH    ERZ   XMAG   FMAG   PMAG
2016-11-04  0557 41.40  41 52.88   19E58.99   6.83  0.09   0.80   1.37   2.24   2.42   2.4
                                                                                         SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
   8   12  43.9  Atl  177  17   0   7   3   8                1.00  0.00 L    2.00  0.09 D

6.  4 NOV 2016,  5:57  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.47 279 68>-<   0.86  95 21>-<   0.31 185  1>

REGION= Reps, Rajoni Mirditës (Reps, Mirdita Region, Albania)

STA NET COM CR DIST AZM  AN P/S WT    SEC (TOBS -TCAL -DLY  =RES)   WT   SR   INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
PHP  AC HHZ    43.9 119  93  P        49.63  8.23  8.18 0.00  0.05  1.13        0.879 1.00  21    2.50 D
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PHP  AC HHN     43.9 119  93  S      55.24 13.84 14.31 0.00 -0.47  0.24S     0.125
BCI  AC HHZ     54.3   7  92  P      51.31  9.91 10.02 0.00 -0.11  1.13      0.365 1.00  17   2.33 D
BCI  AC HHE     54.3   7  92      6   0.00-41.40 10.02 0.00         0.00      0.000 1.00                   1.0 .47   2.24 L
                              S      58.99 17.59 17.53 0.00  0.06  1.13S     0.631
TIR  AC HHZ     60.1 190  92  P      52.56 11.16 11.03 0.00  0.13  1.13      0.361
TIR  AC HHE     60.1 190  92  S      60.62 19.22 19.30 0.00 -0.08  1.13S     0.637
FNA  AC HHZ    169.3 135  46  P      69.29 27.89 27.89 0.00  0.00  1.13      0.998
FNA  AC HHE    169.3 135  46  S      91.64 50.24 48.81 0.00  1.43* 0.00S     0.000


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-11-05  0904 12.99  39 52.95   19E55.45   8.32  0.38  0.98  0.86  1.85  1.93  1.9
                                                                            SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T L F X
  10   15   6.5  Atl  141  17   0   8   4  10               1.00  0.00 L   1.00  0.00 D

9.  5 NOV 2016,  9:04  SEQUENCE NO.    1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.30   34 41>-<   1.09 151 27>-<   0.70 264 36>

REGION= 8Km në P të Sarandës, Rajoni Sarandës (8Km W of Saranda, Saranda Region, Albania)

STA NET COM CR DIST AZM  AN P/S WT    SEC (TOBS -TCAL -DLY  =RES)   WT   SR   INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
SRN  AC HHZ     6.5  92 138  P      15.09  2.10  2.01 0.00  0.09  1.15      0.346 1.00  13   1.93 D
SRN  AC HHN     6.5  92 138      6   0.00-12.99  2.01 0.00         0.00      0.000 1.00                   1.7 .14   1.85 L
                              S      16.38  3.39  3.52 0.00 -0.13  1.15S     0.635
IGT  AC HHZ     52.2 138  94  P      20.89  7.90  9.66 0.00 -0.46  0.00      0.000
IGT  AC HHE     52.2 138  94  S      28.33 15.34 16.90 0.00 -0.56* 0.04S     0.000
LSK  AC HHZ     64.8  62  75  P      24.28 11.29 11.81 0.00 -0.22  1.15      0.275
LSK  AC HHE     64.8  62  75  S      33.93 20.94 20.67 0.00  0.27  1.15S     0.752
SCTE AC HHN    126.2 281  55  S      50.62 37.63 38.04 0.00 -0.42  1.15S     0.724
SCTE AC HHZ    126.2 281  55  P      35.66 22.67 21.74 0.00  0.23  0.89      0.239
LKD2 AC HHZ    136.9 152  55  P      36.42 23.43 23.29 0.00  0.14  1.15      0.289
LKD2 AC HHN    136.9 152  55  S      53.65 40.66 40.76 0.00 -0.10  1.15S     0.735


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-11-05  2243 39.96  39 54.06   19E45.77   1.30  0.21  0.60  0.79  1.91  2.15  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
  15   22  20.5  Atl  134  10   0  13   6  15               3.00  0.09 L   2.00  0.15 D

11.  5 NOV 2016, 22:43  SEQUENCE NO.    1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<   0.80   74 79>-<   0.61 221  8>-<   0.37 313  5>
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REGION= Deti Jon, 20Km në P të Sarandës, Rajoni Sarandës (Ionian Sea, 20Km W of Saranda, Saranda Region, Albania)

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STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR   INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
SRN  AC HHZ     20.5  96  93 P     44.19  4.23  4.10 0.00  0.13 1.16      0.347 1.00 13   2.00 D
SRN  AC HHE     20.5  96  93    6   0.00-39.96  4.10 0.00       0.00      0.000 1.00              0.69 .18    1.68 L
                            S     47.15  7.19  7.17 0.00  0.01 1.16S     0.515
IGT  AC HHZ     63.6 129  61 P     52.07 12.11 11.99 0.00  0.12 1.16      0.186
IGT  AC HHN     63.6 129  61 S     60.71 20.75 20.98 0.00 -0.23 1.16S     0.312
VLO  AC HHZ     67.0 341  61 P     52.04 12.08 12.59 0.00 -0.51* 1.07     0.217
VLO  AC HHE     67.0 341  61 S     61.93 21.97 22.03 0.00 -0.06 1.16S     0.401
LSK  AC HHZ     76.5  68  61 P     53.25 13.29 14.26 0.00 -0.47 0.11      0.001 1.00 16   2.30 D
LSK  AC HHN     76.5  68  61    6  60.00 20.04 14.26 0.00       0.00      0.000 1.00              0.31 .37    2.00 L
                            S     64.72 24.76 24.95 0.00 -0.19 1.16S     0.367
SCTE AC HHZ    112.3 281  53 P     60.37 20.41 20.34 0.00  0.07 1.16      0.464
SCTE AC HHN    112.3 281  53    6  60.00 20.04 20.34 0.00       0.00      0.000 1.00              0.13 .23    1.91 L
                            S     73.64 33.68 35.60 0.00 -0.92* 0.00S     0.000
LKD2 AC HHZ    145.6 147  46 P     66.34 26.38 25.38 0.00  0.22 0.08      0.000
LKD2 AC HHN    145.6 147  46 S     84.35 44.39 44.41 0.00 -0.02 1.16S     0.513
FNA  AC HHZ    168.9  54  39 P     68.73 28.77 28.63 0.00  0.14 1.16      0.098
FNA  AC HHN    168.9  54  39 S     90.21 50.25 50.10 0.00  0.15 1.16S     0.445
PHP  AC HHZ    206.2  15  39 P     73.68 33.72 33.35 0.00  0.37 1.16      0.128
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YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH  RMS   ERH   ERZ   XMAG  FMAG  PMAG
2016-11-06  0027 13.92  39 58.36  19E43.85   1.20  0.28  0.56  0.91  3.23  3.12  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
  23   33  25.2  Atl  129  6   0   20  10  22      #        7.00  0.14 L   4.00  0.05 D
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12. 6 NOV 2016, 0:27 SEQUENCE NO.   1, ID NO.   0
ERROR ELLIPSE: <SERR AZ DIP>-<   0.94 184 76>-<   0.56 47 9>-<   0.37 316 9>

REGION= Deti Jon, 26Km në VP të Sarandës, Rajoni Sarandës (Ionian Sea, 26Km NW of Saranda, Saranda Region, Albania)

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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     25.2 113  90 P     18.95  5.03  5.04 0.00 -0.01 1.11      0.291 1.00 44   3.05 D
SRN  AC HHN     25.2 113  90    6   0.00-13.92  5.04 0.00       0.00      0.000 1.00              14 .47    3.04 L
                            S     22.62  8.70  8.82 0.00 -0.12 1.11S     0.385
VLO  AC HHZ     58.6 341  61 P     24.89 10.97 11.24 0.00 -0.27 1.11      0.170 1.00 44   3.14 D
VLO  AC HHE     58.6 341  61    6   0.00-13.92 11.24 0.00       0.00      0.000 1.00              12 .43    3.37 L
                            S     33.70 19.78 19.67 0.00  0.11 1.11S     0.210
IGT  AC HHZ     70.9 133  61 P     26.94 13.02 13.40 0.00 -0.38 1.10      0.135
IGT  AC HHN     70.9 133  61 S     37.71 23.79 23.45 0.00  0.34 1.11S     0.271
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LSK   AC HHZ    76.6  74  61  P       26.96 13.04 14.40 0.00 -0.36  0.00        0.000 1.00  41    3.10 D
LSK   AC HHN    76.6  74  61  S       39.64 25.72 25.20 0.00  0.52* 0.90S       0.144
LSK   AC HHE    76.6  74  61      6    0.00-13.92 14.40 0.00        0.00        0.000 1.00              5.31.08    3.23 L
BPA1  AC HHZ    83.6 356  61  P       29.25 15.33 15.62 0.00 -0.29  1.11        0.160
SCTE  AC HHZ   108.4 277  53  P       33.69 19.77 19.87 0.00 -0.10  1.11        0.243
SCTE  AC HHN   108.4 277  53      6    0.00-13.92 19.87 0.00        0.00        0.000 1.00              1.9 .92    3.04 L
                            S       48.86 34.94 34.77 0.00  0.17  1.11S       0.454
KBN   AC HHZ   115.3  50  53  P       34.03 20.11 20.99 0.00 -0.88* 0.05        0.000
KBN   AC HHE   115.3  50  53      6    0.00-13.92 20.99 0.00        0.00        0.000 1.00              2.8 .69    3.27 L
                            S       51.01 37.09 36.73 0.00  0.36  1.11S       0.215
TIR   AC HHZ   153.1   4  46  P       41.25 27.33 26.66 0.00  0.67* 0.47        0.015 1.00  59    3.48 D
TIR   AC HHE   153.1   4  46      6   60.00 46.08 26.66 0.00        0.00        0.000 1.00              1.3 .72    3.19 L
                            S       60.43 46.51 46.65 0.00 -0.14  1.11S       0.177
LKD2  AC HHZ   153.8 148  46  P       41.27 27.35 26.75 0.00  0.60* 0.68        0.055
LKD2  AC HHN   153.8 148  46  S       60.74 46.82 46.81 0.00  0.01  1.11S       0.427
FNA   AC HHZ   166.7  56  39  P       42.40 28.48 28.55 0.00 -0.07  1.11        0.060
FNA   AC HHN   166.7  56  39  S       64.14 50.22 49.96 0.00  0.26  1.11S       0.243
PHP   AC HHZ   199.3  17  39  P       46.96 33.04 32.68 0.00  0.36  1.11        0.065
PHP   AC HHN   199.3  17  39      6   60.00 46.08 32.68 0.00        0.00        0.000 1.00              1.51.22    3.53 L
                            S       71.49 57.57 57.19 0.00  0.38  1.10S       0.201
BCI   AC HHZ   267.4   5  38  P       54.94 41.02 41.18 0.00 -0.16  1.11        0.069


 YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS    ERH    ERZ   XMAG   FMAG   PMAG
 2016-11-06  2053 44.37  40 16.20   19E35.50   0.06  0.25   0.52   1.43   2.27   2.59   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
   15   22  23.5  Atl 108   7   0  14   6  15        #         2.00  0.59 L    2.00  0.13 D

 14.  6 NOV 2016, 20:53  SEQUENCE NO.   1, ID NO.          0
 ERROR ELLIPSE: <SERR AZ DIP>-<   1.49 340 74>-<   0.52 225  6>-<   0.35 134 13>

 REGION= Dukat, Rajoni Vlorës (Dukat, 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    23.5 340  90  P       48.81  4.44  4.70 0.00 -0.26  1.17        0.366 1.00  22    2.46 D
 VLO   AC HHE    23.5 340  90      6    0.00-44.37  4.70 0.00        0.00        0.000 1.00              9.1 .25    2.85 L
                            S       52.83  8.46  8.22 0.00  0.23  1.17S       0.457
 BPA1  AC HHZ    50.6   6  61  P       53.88  9.51  9.83 0.00 -0.32  1.17        0.187
 SRN   AC HHZ    55.6 141  61  P       54.43 10.06 10.70 0.00 -0.44  0.28        0.016
 SRN   AC HHN    55.6 141  61      6   60.00 15.63 10.70 0.00        0.00        0.000 1.00              0.28 .41   1.68 L
                            S       62.98 18.61 18.73 0.00 -0.11  1.17S       0.280
 LSK   AC HHZ    86.8  98  61  P       60.04 15.67 16.17 0.00 -0.50* 0.77        0.085 1.00  26    2.72 D
 LSK   AC HHE    86.8  98  61  S       72.97 28.60 28.30 0.00  0.30  1.17S       0.274
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SCTE AC HHZ    98.0 258  57  P       62.31 17.94 18.12 0.00 -0.18  1.17      0.255
SCTE AC HHN    98.0 258  57  S       76.36 31.99 31.71 0.00  0.28  1.17S     0.723
IGT  AC HHZ   103.5 142  57  P       63.33 18.96 19.04 0.00 -0.08  1.17      0.235
IGT  AC HHE   103.5 142  57  S       77.60 33.23 33.32 0.00 -0.09  1.17S     0.248
FNA  AC HHZ   162.1  68  46  P       72.41 28.04 27.96 0.00  0.08  1.17      0.139
FNA  AC HHN   162.1  68  46  S       93.71 49.34 48.93 0.00  0.41  1.04S     0.613
LKD2 AC HHZ   188.2 150  39  P       75.81 31.44 31.27 0.00  0.17  1.17      0.117
LKD2 AC HHN   188.2 150  39  S       99.93 55.56 54.72 0.00  0.84* 0.00S     0.000


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS    ERH    ERZ   XMAG   FMAG   PMAG
2016-11-15  0008 55.88  39 52.51   19E42.61   4.00   0.62   2.34   4.04   2.22   2.63   2.6
                                                                                        SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
   8   12  24.9  Atl  158  6   0   8   4   8      #          1.00  0.00 L   2.00  0.02 D

1 15 NOV 2016,  0:08  SEQUENCE NO.   1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<   4.66  33 59>-<   2.55 183 26>-<   1.03 280 12>


REGION=  25Km P të Sarandës, Rajoni Sarandës (25Km W of Saranda, Saranda Region, Albania)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY =RES)  WT   SR   INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
SRN  AC HHZ    24.9  88  90  P      60.65  4.77  4.97 0.00 -0.20 1.09      0.459 1.00  26   2.61 D
SRN  AC HHN    24.9  88  90     6  60.00  4.12  4.97 0.00        0.00      0.000 1.00                 0.21 .07   1.22 L
                       S      63.82  7.94  8.70 0.00 -0.46 1.06S     0.449
IGT  AC HHZ    65.4 125  61  P      67.98 12.10 12.43 0.00 -0.33 1.09      0.331
IGT  AC HHN    65.4 125  61  S      78.22 22.34 21.75 0.00  0.49 1.09S     0.804
LSK  AC HHZ    81.8  67  61  P      70.33 14.45 15.30 0.00 -0.45 0.99      0.316 1.00  24   2.65 D
LSK  AC HHN    81.8  67  61  S      83.79 27.91 26.77 0.00  0.44* 0.59S    0.591
SCTE AC HHZ   108.4 283  53  P      76.60 20.72 19.87 0.00  0.85* 1.00     0.377
SCTE AC HHN   108.4 283  53  S      90.49 34.61 34.77 0.00 -0.16 1.09S     0.670


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS    ERH    ERZ   XMAG   FMAG   PMAG
2016-11-17  2032 36.61  41  5.51   20E 5.64   1.01   0.16   0.36   0.98   2.10   2.55   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
  12   18  34.3  Atl  107  6   0  11   6  12      #          2.00  0.03 L   3.00  0.04 D

1 17 NOV 2016, 20:32  SEQUENCE NO.   1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.01 304 76>-<   0.36  61  6>-<   0.32 153 11>


REGION=   Elbasani, Rajoni Elbasanit (Elbasani, Elbasani Region, Albania)
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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      34.3 327  90 P      43.70  7.09  6.85 0.00  0.24  0.99       0.333 1.00  24    2.59 D
TIR  AC HHE      34.3 327  90     6   0.00-36.61  6.85 0.00        0.00       0.000 1.00               1.2 .56    2.07 L
                        S      48.53 11.92 11.99 0.00 -0.07  1.12S      0.534
BPA1 AC HHZ      55.1 223  61 P      47.06 10.45 10.62 0.00 -0.17  1.12       0.196 1.00  22    2.55 D
BPA1 AC HHE      55.1 223  61 S      55.25 18.64 18.58 0.00  0.06  1.12S      0.405
BPA2 AC HHZ      56.7 226  61 P      47.26 10.65 10.91 0.00 -0.26  0.92       0.131
BPA2 AC HHN      56.7 226  61 S      55.91 19.30 19.09 0.00  0.21  1.09S      0.390
KBN  AC HHZ      78.2 131  61 P      51.71 15.10 14.68 0.00  0.42  0.09       0.001 1.00  18    2.40 D
KBN  AC HHE      78.2 131  61     6  60.00 23.39 14.68 0.00        0.00       0.000 1.00               0.40 .63    2.13 L
                        S      62.09 25.48 25.69 0.00 -0.21  1.09S      0.390
FNA  AC HHZ     114.0 107  53 P      57.18 20.57 20.77 0.00 -0.20  1.11       0.252
FNA  AC HHN     114.0 107  53 S      72.98 36.37 36.35 0.00  0.02  1.12S      0.397
BCI  AC HHZ     141.6   0  46 P      61.72 25.11 24.99 0.00  0.12  1.12       0.183
BCI  AC HHN     141.6   0  46 S      80.42 43.81 43.73 0.00  0.08  1.12S      0.781


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS    ERH    ERZ   XMAG   FMAG   PMAG
2016-11-19  1337 21.87  41 53.24  20E 9.68   2.04   0.07   0.70   0.93   2.14   2.51   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
  7   10   53.8  Atl  149  10   0   5   3   6      #          1.00  0.00 L    2.00  0.12 D

1 19 NOV 2016, 13:37  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.98 288 77>-<   0.72  83 10>-<   0.33 174  5>

REGION=  Kurbnesh, Rajoni Kurbneshit (Kurbnesh, Kurbnesh 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      53.8 352  61 P      32.12 10.25 10.39 0.00 -0.14  0.91       0.567 1.00  24    2.63 D
BCI  AC HHN      53.8 352  61 S      40.12 18.25 18.18 0.00  0.07  1.02S      0.887
TIR  AC HHZ      64.8 203  61 P      34.80 12.93 12.33 0.00  0.60* 0.00       0.000 1.00  18    2.39 D
TIR  AC HHN      64.8 203  61 S      43.39 21.52 21.58 0.00 -0.06  1.02S      1.000
TIR  AC HHE      64.8 203  61     6   0.00-21.87 12.33 0.00        0.00       0.000 1.00               0.59 .51    2.14 L
FNA  AC HHZ     159.8 139  46 P      49.52 27.65 27.62 0.00  0.03  1.02       0.656
FNA  AC HHN     159.8 139  46 S      70.20 48.33 48.33 0.00 -0.01  1.02S      0.887


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS    ERH    ERZ   XMAG   FMAG   PMAG
2016-11-19  1423 11.96  41 53.61  20E 4.52   5.66   0.10   0.66   1.05   2.44   2.50   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
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    9   13  52.6  Atl  138  12   0   8   3   9              3.00  0.04 L    2.00  0.02 D


1 19 NOV 2016, 14:23  SEQUENCE NO.    1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.22 289 58>-<   0.73  70 25>-<   0.34 168 17>


REGION= 12km në V të Kurbneshit, Rajoni Kurbneshit (12km N of Kurbneshi, Kurbneshi 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     52.6   0  90  P      21.75  9.79  9.71 0.00  0.08 1.11      0.368 1.00  21   2.51 D
BCI  AC HHN     52.6   0  90      6   0.00-11.96  9.71 0.00       0.00      0.000 1.00                1.7 .20    2.44 L
                               S      28.83 16.87 16.99 0.00 -0.12 1.11S     0.652
TIR  AC HHZ     63.1 197  90  P      23.54 11.58 11.55 0.00  0.03 1.11      0.774 1.00  20   2.48 D
TIR  AC HHN     63.1 197  90      6   0.00-11.96 11.55 0.00       0.00      0.000 1.00                0.49 .15   2.04 L
                               S      31.78 19.82 20.21 0.00 -0.39 0.22S     0.055
KBN  AC HHZ    153.1 156  55  P      37.71 25.75 25.90 0.00 -0.15 1.11      0.243
KBN  AC HHE    153.1 156  55      6   0.00-11.96 25.90 0.00       0.00      0.000 1.00                0.26 .50   2.48 L
                               S      58.01 46.05 45.33 0.00  0.72* 0.00S    0.000
FNA  AC HHZ    165.1 138  46  P      39.61 27.65 27.49 0.00  0.16 1.11      0.246
FNA  AC HHN    165.1 138  46  S      60.04 48.08 48.11 0.00 -0.03 1.11S     0.664
SGRT AC HHZ    359.0 269  44  P      63.59 51.63 51.61 0.00  0.02 1.11      0.993




YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-11-19  2042 13.50  41 16.03   20E 0.67  10.16  0.23  0.98  1.37  1.86  2.32  1.9
                                                                           SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T  N.FMG-FMMAD-T  L F X
  14   20  15.2  Atl  112  13   0  12   6  13              2.00  0.08 L    2.00  0.12 D


1 19 NOV 2016, 20:42  SEQUENCE NO.    1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.68 292 54>-<   0.56  45 15>-<   0.43 145 30>


REGION= Kllojke, Rajoni Tiranës (Kllojke, Tirana Region, Albania)


STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR   INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
TIR  AC HHZ     15.2 307 115  P      16.67  3.17  3.40 0.00 -0.23 1.11      0.284 1.00  17   2.20 D
TIR  AC HHE     15.2 307 115      6   0.00-13.50  3.40 0.00       0.00      0.000 1.00                1.3 .21    1.93 L
                               S      19.54  6.04  5.95 0.00  0.09 1.11S     0.502
BPA1 AC HHN     67.4 207  90  S      34.82 21.32 21.31 0.00  0.01 1.11S     0.355
BPA2 AC HHZ     68.2 210  90  P      25.96 12.46 12.31 0.00  0.15 1.11      0.175 1.00  19   2.44 D
BPA2 AC HHE     68.2 210  90  S      35.13 21.63 21.54 0.00  0.09 1.11S     0.344
KBN  AC HHZ     96.8 137  72  P      31.36 17.86 17.06 0.00  0.40 0.24      0.021
BCI  AC HHZ    122.2   2  58  P      34.68 21.18 20.98 0.00  0.20 1.11      0.513
FNA  AC HHZ    127.4 114  58  P      34.90 21.40 21.73 0.00 -0.33 1.11      0.346
FNA  AC HHE    127.4 114  58  S      51.75 38.25 38.03 0.00  0.22 1.11S     0.590
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SRN   AC HHZ    154.0 181   48   P       40.94 27.44 25.55 0.00  0.89* 0.00     0.000
SRN   AC HHE    154.0 181   48   S       58.00 44.50 44.71 0.00 -0.21  1.11S    0.465
SRN   AC HHN    154.0 181   48       6   60.00 46.50 25.55 0.00        0.00     0.000 1.00                    0.05 .46    1.78 L
IGT   AC HHZ    194.6 171   48   P       43.55 30.05 30.69 0.00 -0.64* 0.64     0.042
IGT   AC HHN    194.6 171   48   S       67.38 53.88 53.71 0.00  0.17  1.11S    0.355




YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ   XMAG  FMAG  PMAG
2016-11-22  0002 45.67  41  8.94   19E59.07   2.03  0.47  0.99  0.85        3.00  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
  16   24  24.2  Atl  128   8   0  16   8  16       #        0.00  0.00 L    8.00  0.05 D

1 22 NOV 2016,  0:02  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.91 314 76>-<   1.00  77  7>-<   0.57 169 11>


REGION=  Gracen, Rajoni Elbasanit (Gracen, 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     24.2 336   90   P       50.73  5.06  4.84 0.00  0.22  1.16     0.355 1.00  24   2.54 D
TIR  AC HHE     24.2 336   90   S       54.77  9.10  8.47 0.00  0.63* 1.14S    0.464
BPA1 AC HHZ     54.8 211   61   P       56.11 10.44 10.57 0.00 -0.13  1.16     0.166 1.00  22   2.55 D
BPA1 AC HHN     54.8 211   61   S       64.77 19.10 18.50 0.00  0.60* 1.15S    0.313
BPA2 AC HHZ     55.8 214   61   P       55.16  9.49 10.74 0.00 -0.25* 0.16     0.003 1.00  39   3.04 D
BPA2 AC HHE     55.8 214   61   S       64.13 18.46 18.80 0.00 -0.34  1.16S    0.339
VLO  AC HHZ     86.1 209   61   P       60.76 15.09 16.06 0.00 -0.97* 0.64     0.050 1.00  42   3.13 D
VLO  AC HHN     86.1 209   61   S       74.89 29.22 28.10 0.00  0.12* 0.37S    0.030
KBN  AC HHZ     89.3 130   61   P       61.91 16.24 16.63 0.00 -0.39  1.16     0.267 1.00  41   3.11 D
KBN  AC HHN     89.3 130   61   S       75.34 29.67 29.10 0.00  0.57* 1.16S    0.403
LSK  AC HHZ    122.5 154   53   P       67.36 21.69 22.15 0.00 -0.46  1.16     0.143 1.00  54   3.38 D
LSK  AC HHN    122.5 154   53   S       84.94 39.27 38.76 0.00  0.51* 1.16S    0.216
BCI  AC HHZ    135.4   2   46   P       68.93 23.26 24.09 0.00 -0.83* 0.91     0.127 1.00  39   3.11 D
BCI  AC HHE    135.4   2   46   S       87.97 42.30 42.16 0.00  0.14  1.16S    0.784
SRN  AC HHZ    140.9 179   46   P       70.81 25.14 24.88 0.00  0.26  1.16     0.087 1.00  40   3.14 D
SRN  AC HHE    140.9 179   46   S       89.16 43.49 43.54 0.00 -0.05  1.16S    0.245




YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ   XMAG  FMAG  PMAG
2016-11-23  1743 47.27  41 28.00   20E23.63   2.22  0.12  0.48  1.67  1.84  2.39  1.9
                                                                                          SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  10   15  46.2  Atl  147  12   0   9   4  10               2.00  0.17 L    2.00  0.17 D
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1 23 NOV 2016, 17:43  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.67 282 86>-<   0.48  50  2>-<   0.33 141  3>


REGION= Smollik, 24km në J të Peshkopis, Rajoni Peshkopis (Smollik, 24km S of Peshkopi, 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    46.2 254   61  P     56.15  8.88  8.84 0.00  0.04 1.11      0.462 1.00  15   2.22 D
TIR  AC HHE    46.2 254   61      6 60.00 12.73  8.84 0.00       0.00      0.000 1.00                 0.36 .31   1.67 L
                      S     62.71 15.44 15.47 0.00 -0.03 1.11S     0.765
KBN  AC HHE    99.3 160   57  S     79.26 31.99 31.68 0.00  0.31 0.71S     0.201
BCI  AC HHZ   103.6 345   57  P     66.15 18.88 18.83 0.00  0.05 1.11      0.480 1.00  21   2.56 D
BCI  AC HHN   103.6 345   57      6 60.00 12.73 18.83 0.00       0.00      0.000 1.00                 0.19 .46   2.01 L
                      S     80.24 32.97 32.95 0.00  0.02 1.11S     0.824
FNA  AC HHZ   112.7 132   53  P     67.49 20.22 20.30 0.00 -0.08 1.11      0.426
FNA  AC HHN   112.7 132   53  S     82.76 35.49 35.52 0.00 -0.04 1.11S     0.622
LSK  AC HHZ   147.3 173   46  P     73.13 25.86 25.50 0.00  0.36 0.48      0.041
IGT  AC HHZ   215.0 182   39  P     81.43 34.16 34.32 0.00 -0.16 1.11      0.174
IGT  AC HHN   215.0 182   39  S    108.55 61.28 60.06 0.00  0.22 0.00S     0.000




YEAR MO DA   --ORIGIN--   --LAT N-   --LON W--   DEPTH   RMS    ERH    ERZ   XMAG   FMAG   PMAG
2016-11-24   0601 29.36   40 46.63   19E37.16    7.21   0.32   0.69   0.52   1.66   2.40   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
  22   33    5.2  Atl  139  13   0  21  10  22              5.00  0.11 L    5.00  0.41 D

1 24 NOV 2016,  6:01  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   0.72 266 18>-<   0.63 147 55>-<   0.43   7 27>


REGION= Bubullim, Rajoni Lushnjes (Bubullim, Lushnja Region, Albania)

STA NET COM CR DIST AZM   AN P/S WT    SEC (TOBS -TCAL -DLY  =RES)   WT   SR   INFO   CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
BPA2 AC HHZ     5.2 181  140  P     31.21  1.85  1.71 0.00  0.14 1.15      0.178 1.00  14   1.99 D
BPA2 AC HHN     5.2 181  140  S     32.76  3.40  2.99 0.00  0.41 1.14S     0.325
BPA1 AC HHZ     6.7 152  131  P     31.15  1.79  1.89 0.00 -0.10 1.15      0.143 1.00  14   1.99 D
BPA1 AC HHE     6.7 152  131  S     32.27  2.91  3.31 0.00 -0.40 1.15S     0.289
VLO  AC HHZ    35.8 198   94  P     35.87  6.51  6.78 0.00 -0.27 1.15      0.148 1.00  19   2.40 D
VLO  AC HHN    35.8 198   94      6  0.00-29.36  6.78 0.00       0.00      0.000 1.00                 1.7 .28   2.25 L
                      S     40.51 11.15 11.86 0.00 -0.72* 0.49S    0.050
TIR  AC HHZ    66.6  17   75  P     41.95 12.59 12.17 0.00  0.42 1.14      0.182 1.00  22   2.56 D
TIR  AC HHN    66.6  17   75      6  0.00-29.36 12.17 0.00       0.00      0.000 1.00                 0.14 .37   1.55 L
                      S     50.57 21.21 21.30 0.00 -0.09 1.15S     0.339
KBN  AC HHN   100.2  99   66      6 60.00 30.64 17.80 0.00       0.00      0.000 1.00                 0.13 .66   1.82 L
                      S     60.38 31.02 31.15 0.00 -0.13 1.15S     0.292
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KBN   AC HHZ   100.2  99  66  P        47.61 18.25 17.80 0.00  0.45  1.11       0.093
SRN   AC HHZ   104.8 161  66  P        47.42 18.06 18.54 0.00 -0.48  1.08       0.069 1.00  29    2.83 D
SRN   AC HHN   104.8 161  66     6     60.00 30.64 18.54 0.00        0.00       0.000 1.00                    0.08 .36   1.64 L
                           S           62.03 32.67 32.44 0.00  0.22  1.15S      0.204
LSK   AC HHZ   108.4 129  66  P        47.94 18.58 19.13 0.00 -0.55* 0.95       0.052
LSK   AC HHE   108.4 129  66  S        62.82 33.46 33.48 0.00 -0.02  1.15S      0.236
SCTE  AC HHZ   124.8 232  55  P        50.14 20.78 21.64 0.00 -0.86* 0.15       0.004
SCTE  AC HHE   124.8 232  55     6     60.00 30.64 21.64 0.00        0.00       0.000 1.00                    0.06 .11   1.66 L
                           S           67.21 37.85 37.87 0.00 -0.02  1.15S      0.569
FNA   AC HHZ   148.9  89  55  P        54.38 25.02 25.14 0.00 -0.12  1.15       0.096
FNA   AC HHE   148.9  89  55  S        72.29 42.93 43.99 0.00 -1.06* 0.00S      0.000
IGT   AC HHZ   151.0 156  55  P        55.34 25.98 25.44 0.00  0.54* 0.97       0.059
IGT   AC HHN   151.0 156  55  S        74.19 44.83 44.52 0.00  0.31  1.15S      0.226
BCI   AC HHZ   180.4  11  46  P        58.88 29.52 29.25 0.00  0.27  1.15       0.157
BCI   AC HHN   180.4  11  46  S        80.14 50.78 51.19 0.00 -0.41  1.14S      0.279




YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS    ERH    ERZ   XMAG   FMAG   PMAG
2016-11-25  1947 46.14  40 19.96  20E26.58   5.93   0.10   0.88   2.06   2.51   2.70   2.5
                                                                                            SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  10   15  24.2  Atl  183  11   0   8   4  10             3.00  0.22 L    3.00  0.18 D

1 25 NOV 2016, 19:47  SEQUENCE NO.   1, ID NO.       0
ERROR ELLIPSE: <SERR AZ DIP>-<   2.06 162 86>-<   0.88 303   2>-<   0.39  33   2>


REGION= 11km në VL të Permetit, Rajoni Permetit (11km NE of Permeti, Permeti 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     24.2 146  93  P        50.71  4.57  4.73 0.00 -0.16  1.00       0.281 1.00  29    2.70 D
LSK   AC HHN     24.2 146  93     6      0.00-46.14  4.73 0.00        0.00       0.000 1.00                    11 .54   2.93 L
                           S           54.52  8.38  8.28 0.00  0.10  1.00S      0.765
KBN   AC HHZ     43.6  41  91  P        54.38  8.24  8.12 0.00  0.12  1.00       0.528 1.00  37    2.98 D
KBN   AC HHN     43.6  41  91     6      0.00-46.14  8.12 0.00        0.00       0.000 1.00                    2.6 .37   2.51 L
                           S           59.55 13.41 14.21 0.00 -0.50  0.00S      0.000
SRN   AC HHZ     62.8 218  90  P        58.71 12.57 11.52 0.00  0.40  0.00       0.000 1.00  21    2.52 D
SRN   AC HHN     62.8 218  90     6     60.00 13.86 11.52 0.00        0.00       0.000 1.00                    0.89 .46  2.29 L
                           S           66.41 20.27 20.16 0.00  0.11  1.00S      0.696
IGT   AC HHZ     89.5 187  75  P        62.11 15.97 16.10 0.00 -0.13  1.00       0.225
IGT   AC HHN     89.5 187  75  S        74.37 28.23 28.18 0.00  0.05  1.00S      0.649
FNA   AC HHZ     94.0  57  75  P        62.72 16.58 16.87 0.00 -0.29  0.98       0.262
FNA   AC HHN     94.0  57  75  S        75.86 29.72 29.52 0.00  0.20  1.00S      0.590
```

```
YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ   XMAG  FMAG  PMAG
2016-11-27  0755 59.57  40 50.27  20E42.37   0.00  0.36  0.69  1.33  2.74  2.93  2.9
                                                                              SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T L F X
  18   26  24.7  Atl  112   6   0  17   8  18      #         5.00  0.20 L    5.00  0.03 D

1 27 NOV 2016,  7:55  SEQUENCE NO.   1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.34 128 81>-<   0.70 228  1>-<   0.51 320  8>

 REGION= Cerrave, 9km në JL të Pogradecit, Rajoni Pogradecit (Cerrave, 9km SE of Pogradeci, Pogradeci Region,
Albania)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT    SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
KBN  AC HHZ    24.7 163  90 P      64.84  5.27  4.94 0.00  0.33 1.12     0.294 1.00  38   2.93 D
KBN  AC HHE    24.7 163  90     6  60.00  0.43  4.94 0.00       0.00     0.000 1.00                 11 .46   2.94 L
                        S      68.40  8.83  8.65 0.00  0.19 1.12S    0.378
FNA  AC HHZ    57.5  95  61 P      70.08 10.51 11.04 0.00 -0.23 1.03     0.242
FNA  AC HHN    57.5  95  61 S      78.40 18.83 19.32 0.00 -0.49 1.08S    0.556
LSK  AC HHZ    76.9 187  61 P      73.78 14.21 14.45 0.00 -0.24 1.12     0.092 1.00  47   3.22 D
LSK  AC HHE    76.9 187  61     6  60.00  0.43 14.45 0.00       0.00     0.000 1.00                 1.7 .56   2.74 L
                        S      84.61 25.04 25.29 0.00 -0.25 1.12S    0.237
BPA1 AC HHZ    89.6 263  61 P      76.16 16.59 16.67 0.00 -0.08 1.12     0.147 1.00  42   3.13 D
BPA1 AC HHE    89.6 263  61 S      88.53 28.96 29.17 0.00 -0.21 1.12S    0.244
TIR  AC HHZ    90.6 309  61 P      76.05 16.48 16.84 0.00 -0.36 1.12     0.223 1.00  32   2.90 D
TIR  AC HHN    90.6 309  61     6  60.00  0.43 16.84 0.00       0.00     0.000 1.00                 0.77 .68   2.51 L
                        S      88.77 29.20 29.47 0.00 -0.27 1.12S    0.309
BPA2 AC HHZ    92.6 263  61 P      76.17 16.60 17.20 0.00 -0.60* 0.90    0.093
VLO  AC HHZ   110.3 249  53 P      79.31 19.74 20.18 0.00 -0.44 1.11     0.097
SRN  AC HHZ   122.1 210  53 P      82.37 22.80 22.08 0.00  0.72* 0.58    0.020 1.00  31   2.90 D
SRN  AC HHN   122.1 210  53     6  60.00  0.43 22.08 0.00       0.00     0.000 1.00                 0.56 .57   2.61 L
                        S      98.17 38.60 38.64 0.00 -0.04 1.12S    0.271
IGT  AC HHZ   148.5 193  46 P      85.95 26.38 25.99 0.00  0.39 1.12     0.074
IGT  AC HHN   148.5 193  46 S     105.40 45.83 45.48 0.00  0.35 1.12S    0.353
BCI  AC HHZ   178.0 343  39 P      90.62 31.05 29.98 0.00  1.07* 0.01    0.000
BCI  AC HHN   178.0 343  39     6  60.00  0.43 29.98 0.00       0.00     0.000 1.00                 1.4 .75   3.38 L
                        S     112.61 53.04 52.47 0.00  0.58* 0.94S    0.360


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ   XMAG  FMAG  PMAG
2016-11-28  0522  9.09  39 57.75  19E48.20   1.82  0.29  0.65  0.92  3.83  3.78  3.8
                                                                              SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T L F X
  22   31  19.2  Atl  127   8   0  20   8  21                6.00  0.16 L    4.00  0.05 D
```

```
1 28 NOV 2016,  5:22  SEQUENCE NO.   1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<   0.95 207 74>-<   0.67  57 13>-<   0.39 326  7>


REGION= Deti Jon (Ionian Sea)

STA NET COM CR DIST AZM   AN P/S WT    SEC (TOBS -TCAL -DLY  =RES)   WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
SRN  AC HHZ    19.2 118   95 P      13.09  4.00  3.85 0.00  0.15 1.13     0.285 1.00 44    3.03 D
SRN  AC HHN    19.2 118   95    6    0.00 -9.09  3.85 0.00       0.00     0.000 1.00              101 .31   3.83 L
                     S      16.05  6.96  6.74 0.00  0.22 1.13S    0.432
VLO  AC HHZ    62.0 336   61 P      20.74 11.65 11.66 0.00 -0.01 1.13     0.171 1.00 93    3.78 D
VLO  AC HHN    62.0 336   61    6    0.00 -9.09 11.66 0.00       0.00     0.000 1.00               39 .43   3.92 L
                     S      29.88 20.79 20.40 0.00  0.39 1.13S    0.249
IGT  AC HHZ    65.8 136   61 P      20.99 11.90 12.32 0.00 -0.22 1.12     0.126
IGT  AC HHN    65.8 136   61 S      30.64 21.55 21.56 0.00 -0.01 1.13S    0.266
LSK  AC HHZ    71.0  72   61 P      21.84 12.75 13.23 0.00 -0.28 1.08     0.094 1.00 91    3.77 D
LSK  AC HHN    71.0  72   61    6    0.00 -9.09 13.23 0.00       0.00     0.000 1.00               40 .51   4.06 L
                     S      32.30 23.21 23.15 0.00  0.06 1.13S    0.274
BPA1 AC HHZ    85.4 352   61 P      24.91 15.82 15.76 0.00  0.06 1.13     0.144
BPA2 AC HHZ    86.7 350   61 P      24.74 15.65 15.99 0.00 -0.34 1.13     0.146
KBN  AC HHZ   111.3  48   53 P      29.14 20.05 20.13 0.00 -0.08 1.13     0.088
KBN  AC HHN   111.3  48   53 S      44.39 35.30 35.23 0.00  0.07 1.13S    0.261
KBN  AC HHE   111.3  48   53    6    0.00 -9.09 20.13 0.00       0.00     0.000 1.00               11 .50   3.82 L
SCTE AC HHZ   114.7 277   53 P      29.44 20.35 20.67 0.00 -0.32 1.13     0.340
SCTE AC HHN   114.7 277   53    6    0.00 -9.09 20.67 0.00       0.00     0.000 1.00              4.3 .25   3.44 L
                     S      43.71 34.62 36.17 0.00 -0.55* 0.00S   0.000
LKD2 AC HHZ   149.7 150   46 P      35.40 26.31 25.90 0.00  0.41 1.12     0.160
LKD2 AC HHN   149.7 150   46 S      54.55 45.46 45.33 0.00  0.13 1.13S    0.452
TIR  AC HHZ   153.9   1   46 P      36.47 27.38 26.52 0.00  0.46 0.26     0.004 1.00 93    3.86 D
TIR  AC HHE   153.9   1   46    6    0.00 -9.09 26.52 0.00       0.00     0.000 1.00              3.0 .56   3.55 L
                     S      55.76 46.67 46.41 0.00  0.26 1.13S    0.223
FNA  AC HHZ   162.1  55   39 P      37.58 28.49 27.70 0.00  0.79* 0.42    0.009
FNA  AC HHE   162.1  55   39 S      57.08 47.99 48.47 0.00 -0.49 1.07S    0.260
BCI  AC HHZ   267.9   4   38 P      50.90 41.81 40.96 0.00  0.85* 0.28    0.005




YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-11-29  1631 26.85  40 28.92  19E51.38   8.05  0.14  0.40  0.84  2.18  2.47  2.5
                                                                                     SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T  N.FMG-FMMAD-T L F X
  18   26  30.6 Atl   81   7   0  16   8  17              4.00  0.17 L   5.00  0.06 D

1 29 NOV 2016, 16:31  SEQUENCE NO.   1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<   0.85 320 79>-<   0.40  56  1>-<   0.27 146 10>
```

REGION= Malas, 24km në VP të Tepelenës, Rajoni Tepelenës (Malas, 24km NW of Tepelena, Tepelena Region, Albania)

```
STA  NET COM CR DIST AZM   AN P/S WT    SEC (TOBS -TCAL -DLY  =RES)  WT    SR   INFO   CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
VLO  AC HHZ     30.6 268   97 P      32.76  5.91  5.89 0.00  0.02 1.10       0.231 1.00  20   2.41 D
VLO  AC HHN     30.6 268   97 S      37.45 10.60 10.31 0.00  0.29 0.66S      0.166
VLO  AC HHE     30.6 268   97    6   0.00-26.85  5.89 0.00       0.00       0.000 1.00              16 .18   3.19 L
BPA1 AC HHZ     31.7 328   97 P      32.89  6.04  6.07 0.00 -0.03 1.10       0.154 1.00  20   2.42 D
BPA1 AC HHN     31.7 328   97 S      37.45 10.60 10.62 0.00 -0.02 1.10S      0.248
BPA2 AC HHZ     34.1 324   96 P      33.29  6.44  6.50 0.00 -0.06 1.10       0.148 1.00  21   2.47 D
BPA2 AC HHN     34.1 324   96 S      38.05 11.20 11.38 0.00 -0.17 1.10S      0.237
SRN  AC HHZ     68.0 169   75 P      39.42 12.57 12.36 0.00  0.21 1.05       0.179 1.00  24   2.64 D
SRN  AC HHN     68.0 169   75    6   0.00-26.85 12.36 0.00       0.00       0.000 1.00             0.35 .25   1.97 L
                          S      48.30 21.45 21.63 0.00 -0.18 1.10S      0.343
LSK  AC HHZ     73.1 120   75 P      40.36 13.51 13.23 0.00  0.28 0.74       0.101
LSK  AC HHE     73.1 120   75    6   0.00-26.85 13.23 0.00       0.00       0.000 1.00             0.67 .72   2.31 L
                          S      49.96 23.11 23.15 0.00 -0.04 1.10S      0.398
KBN  AC HHN     80.4  78   75 S      52.52 25.67 25.32 0.00  0.35 0.34S      0.049
KBN  AC HHZ     80.4  78   75 P      40.81 13.96 14.47 0.00 -0.51* 0.00      0.000
TIR  AC HHZ     96.1   0   66 P      44.10 17.25 17.09 0.00  0.16 1.10       0.161 1.00  23   2.63 D
TIR  AC HHN     96.1   0   66    6   0.00-26.85 17.09 0.00       0.00       0.000 1.00             0.24 .31   2.05 L
                          S      56.84 29.99 29.91 0.00  0.08 1.10S      0.485
SCTE AC HHZ    126.3 250   55 P      48.46 21.61 21.78 0.00 -0.17 1.10       0.198
SCTE AC HHN    126.3 250   55 S      64.99 38.14 38.11 0.00  0.03 1.10S      0.666
FNA  AC HHZ    133.4  75   55 P      49.50 22.65 22.81 0.00 -0.16 1.10       0.228
```

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

```
YEAR MO DA   --ORIGIN--   --LAT N-   --LON W--   DEPTH   RMS    ERH    ERZ    XMAG   FMAG   PMAG
2016-11-02   1612 25.53   39 34.97   20E37.14    0.00   0.47   1.20   2.70   2.59   2.74   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
  11   16   62.4  Atl  152   6   0  11   5  11     #        3.00  0.07 L    2.00  0.22 D
```

```
1.  2 NOV 2016, 16:12  SEQUENCE NO.   1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<   2.71 155 85>-<   1.20 265  1>-<   0.80 356  4>


REGION= Greqi (Greece)

STA NET COM CR DIST AZM   AN P/S WT    SEC (TOBS -TCAL -DLY  =RES)  WT    SR   INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
SRN  AC HHZ     62.4 303  61  P      36.85 11.32 11.91 0.00 -0.49 1.14      0.393 1.00  35   2.95 D
SRN  AC HHN     62.4 303  61     6   0.00-25.53 11.91 0.00       0.00      0.000 1.00                1.5 .37   2.52 L
                         S      46.34 20.81 20.84 0.00 -0.03 1.15S     0.440
LSK  AC HHZ     63.0 359  61  P      36.50 10.97 12.00 0.00 -0.33 0.46      0.066 1.00  21   2.52 D
LSK  AC HHE     63.0 359  61     6   0.00-25.53 12.00 0.00       0.00      0.000 1.00                3.7 .46   2.91 L
                         S      46.56 21.03 21.00 0.00  0.03 1.15S     0.345
LKD2 AC HHE     88.2 177  61  S      54.67 29.14 28.75 0.00  0.39 1.15S     0.680
LKD2 AC HHZ     88.2 177  61  P      41.19 15.66 16.43 0.00 -0.27 0.96      0.332
FNA  AC HHZ    148.2  25  46  P      51.18 25.65 25.94 0.00 -0.29 1.15      0.281
FNA  AC HHN    148.2  25  46  S      71.35 45.82 45.39 0.00  0.43 1.15S     0.614
SCTE AC HHZ    192.1 288  39  P      57.97 32.44 31.77 0.00  0.67* 1.09     0.137
SCTE AC HHE    192.1 288  39     6  60.00 34.47 31.77 0.00       0.00      0.000 1.00               0.19 .43  2.59 L
                         S      81.29 55.76 55.60 0.00  0.16 1.15S     0.679
PHP  AC HHZ    233.9 357  38  P      63.59 38.06 37.04 0.00  1.02* 0.48     0.026




YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-11-05  0529 35.38  39 48.62   20E34.70   2.03  0.10  1.40  2.13  2.66  3.12  2.7
                                                                       SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
   8   12  37.7  Atl  278  13   0   7   3   8      #        2.00  0.23 L   2.00  0.04 D

7.  5 NOV 2016,  5:29  SEQUENCE NO.   1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<   2.45 359 60>-<   1.47 126 18>-<   0.58 224 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
LSK  AC HHZ     37.7   2  90  P      42.79  7.41  7.54 0.00 -0.13 1.30      0.597 1.00  42   3.08 D
LSK  AC HHN     37.7   2  90     6   0.00-35.38  7.54 0.00       0.00      0.000 1.00                7.1 .62   2.88 L
                         S      48.66 13.28 13.19 0.00  0.08 1.30S     0.828
SRN  AC HHZ     50.1 280  61  P      44.81  9.43  9.73 0.00 -0.30 1.30      0.523 1.00  45   3.16 D
SRN  AC HHN     50.1 280  61     6   0.00-35.38  9.73 0.00       0.00      0.000 1.00                1.9 .46   2.43 L
                         S      52.58 17.20 17.03 0.00  0.17 1.30S     0.845
SCTE AC HHZ    182.7 281  39  P      66.44 31.06 30.58 0.00  0.48 1.29      0.375
SCTE AC HHN    182.7 281  39  S      87.84 52.46 53.51 0.00 -0.46 0.22S     0.052
PHP  AC HHZ    208.5 357  39  P      69.18 33.80 33.84 0.00 -0.04 1.30      0.777
PHP  AC HHN    208.5 357  39  S      95.89 60.51 59.22 0.00  0.29 0.00S     0.000
```

```
YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-11-05  0617 44.86  39 48.34  20E35.30   1.37  0.07  0.81  1.06  2.09  2.27  2.1
                                                                              SOURCE
NSTA NPHS  DMIN MODEL  GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T  N.FMG-FMMAD-T L F X
   8   12  38.2 Atl   279   9   0   7   3   8                4.00  0.13 L   2.00  0.04 D

8.  5 NOV 2016,  6:17  SEQUENCE NO.   1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.34 134 52>-<   0.99 322 37>-<   0.44 229  4>

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      38.2   1  61  P       52.12  7.26  7.53 0.00 -0.27  0.34       0.057 1.00  17   2.31 D
LSK  AC HHN      38.2   1  61       6   0.00-44.86  7.53 0.00        0.00       0.000 1.00               1.5 .47   2.22 L
                                S       58.08 13.22 13.18 0.00  0.04  1.11S      0.906
SRN  AC HHZ      51.0 280  61  P       54.70  9.84  9.77 0.00  0.07  1.11       0.569 1.00  15   2.23 D
SRN  AC HHN      51.0 280  61       6  60.00 15.14  9.77 0.00        0.00       0.000 1.00              0.61 .43   1.96 L
                                S       61.88 17.02 17.10 0.00 -0.08  1.11S      0.736
SCTE AC HHZ     183.7 281  39  P       75.39 30.53 30.49 0.00  0.04  1.11       0.387
SCTE AC HHN     183.7 281  39       6  60.00 15.14 30.49 0.00        0.00       0.000 1.00              0.05 .30   1.96 L
                                S       98.25 53.39 53.36 0.00  0.03  1.11S      0.853
PHP  AC HHZ     209.0 357  39  P       78.47 33.61 33.70 0.00 -0.09  1.11       0.490
PHP  AC HHN     209.0 357  39       6  60.00 15.14 33.70 0.00        0.00       0.000 1.00              0.07 .50   2.25 L
                                S      104.78 59.92 58.98 0.00  0.44  0.00S      0.000


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-11-05  1805  9.01  38 44.81  22E26.97  24.53  0.26  1.64  3.01  3.72  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
  14   20 155.8 Atl   294   7   0  13   6  14      -         3.00  0.20 L   3.00  0.00 D

10.  5 NOV 2016, 18:05  SEQUENCE NO.   1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<  23.02 263 87>-<   1.64 132  1>-<   1.15  42  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
LKD2 AC HHZ     155.8 273  92  P       32.02 23.01 23.33 0.00 -0.32  1.20       0.406
LKD2 AC HHE     155.8 273  92  S       50.05 41.04 40.83 0.00  0.21  1.20S      0.638
IGT  AC HHZ     202.9 297  91  P       37.57 28.56 29.15 0.00 -0.49  0.64       0.060
```

```
IGT  AC HHN   202.9 297  91  S        59.60 50.59 51.01 0.00 -0.42  1.12S      0.256
LSK  AC HHZ   222.8 315  91  P        40.73 31.72 31.61 0.00  0.11  1.20       0.151 1.00  41   3.69 D
LSK  AC HHE   222.8 315  91     6     60.00 50.99 31.61 0.00        0.00       0.000 1.00            3.2 .51   4.00 L
                            S         64.10 55.09 55.32 0.00 -0.23  1.20S      0.228
FNA  AC HHZ   243.7 339  91  P        43.13 34.12 34.19 0.00 -0.07  1.20       0.298
FNA  AC HHN   243.7 339  91  S        68.68 59.67 59.83 0.00 -0.16  1.20S      0.561
SRN  AC HHZ   245.9 302  91  P        44.30 35.29 34.46 0.00  0.83* 0.06       0.000 1.00  40   3.69 D
SRN  AC HHE   245.9 302  91     6     60.00 50.99 34.46 0.00        0.00       0.000 1.00            1.3 .51   3.72 L
                            S         69.68 60.67 60.31 0.00  0.36  1.18S      0.442
KBN  AC HHZ   252.5 327  91  P        44.57 35.56 35.28 0.00  0.28  1.20       0.179 1.00  41   3.72 D
KBN  AC HHE   252.5 327  91     6     60.00 50.99 35.28 0.00        0.00       0.000 1.00           0.77 .66   3.52 L
                            S         70.94 61.93 61.74 0.00  0.19  1.20S      0.266
PHP  AC HHZ   368.3 333  90  P        58.58 49.57 49.55 0.00  0.02  1.20       0.464
SCTE AC HHZ   373.4 295  90  P        59.93 50.92 50.19 0.00  0.73* 0.23       0.044



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS    ERH    ERZ   XMAG   FMAG   PMAG
2016-11-06  0450  6.41  39 45.15  20E42.00   2.03   0.15   0.54   1.41   2.32   2.46   2.3
                                                                                          SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  12   18  40.1  Atl  156   8   0  12   6  12       #        3.00  0.09 L    3.00  0.02 D

13.  6 NOV 2016,  4:50  SEQUENCE NO.    1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.41 270 85>-<   0.54 109   4>-<   0.28  20   1>


REGION= Greqi (Greece)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR   INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
IGT  AC HHZ    40.1 233  61  P       14.67  8.26  8.00 0.00  0.26 0.97       0.239
IGT  AC HHN    40.1 233  61  S       20.48 14.07 14.00 0.00  0.07 1.16S      0.421
LSK  AC HHZ    45.0 349  61  P       15.41  9.00  8.84 0.00  0.16 1.16       0.339 1.00  20   2.46 D
LSK  AC HHN    45.0 349  61     6     0.00 -6.41  8.84 0.00       0.00       0.000 1.00            2.1 .36   2.43 L
                            S        22.02 15.61 15.47 0.00  0.14 1.16S      0.266
SRN  AC HHZ    61.6 284  61  P       17.87 11.46 11.75 0.00 -0.29 0.81       0.155 1.00  19   2.44 D
SRN  AC HHN    61.6 284  61     6     0.00 -6.41 11.75 0.00       0.00       0.000 1.00            1.0 .46   2.32 L
                            S        26.91 20.50 20.56 0.00 -0.06 1.16S      0.578
KBN  AC HHZ    97.0   4  57  P       24.43 18.02 17.95 0.00  0.07 1.16       0.318 1.00  27   2.77 D
KBN  AC HHN    97.0   4  57     6     0.00 -6.41 17.95 0.00       0.00       0.000 1.00           0.361.37   2.23 L
                            S        37.86 31.45 31.41 0.00  0.04 1.16S      0.284
LKD2 AC HHZ   107.0 182  57  P       25.74 19.33 19.65 0.00 -0.32 0.63       0.152
LKD2 AC HHN   107.0 182  57  S       40.96 34.55 34.39 0.00  0.16 1.16S      0.679
FNA  AC HHZ   128.2  26  50  P       29.06 22.65 23.03 0.00 -0.38 0.29       0.018
FNA  AC HHN   128.2  26  50  S       46.81 40.40 40.30 0.00  0.10 1.16S      0.544
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YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS    ERH    ERZ   XMAG  FMAG  PMAG
2016-11-09  1558 40.10  43 39.47  18E53.55  17.51  0.33   0.24   0.18         3.90  3.9
                                                                                   SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  11   16 172.5  Atl  337   9   0  10   5  11      -       0.00  0.00 L   2.00  0.05 D

15.  9 NOV 2016, 15:58  SEQUENCE NO.    1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<  25.13 341 49>-<   3.61  71  0>-<   1.71 161 40>


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
BCI  AC HHZ    172.5 145  51  P      67.47 27.37 26.89 0.00  0.48  1.24      0.429 1.00   86   3.93 D
BCI  AC HHE    172.5 145  51  S      87.46 47.36 47.06 0.00  0.30  1.24S     0.776
TIR  AC HHZ    268.8 162  49  P      78.16 38.06 38.89 0.00 -0.83* 0.71      0.122 1.00   69   3.83 D
TIR  AC HHE    268.8 162  49  S     108.33 68.23 68.06 0.00  0.17  1.24S     0.324
BPA1 AC HHZ    332.0 168  49  P      87.99 47.89 46.70 0.00  1.19* 0.06      0.001
BPA1 AC HHE    332.0 168  49  S     121.89 81.79 81.72 0.00  0.07  1.24S     0.566
KBN  AC HHZ    371.7 154  49  P      90.69 50.59 51.59 0.00 -0.00* 0.31      0.018
KBN  AC HHE    371.7 154  49  S     130.40 90.30 90.28 0.00  0.02  1.24S     0.212
FNA  AC HHZ    380.0 146  49  P      92.65 52.55 52.62 0.00 -0.07  1.24      0.457
FNA  AC HHE    380.0 146  49  S     131.67 91.57 92.08 0.00 -0.51* 1.23S     0.753
LSK  AC HHZ    414.6 159  49  P      96.94 56.84 56.89 0.00 -0.05  1.24      0.336




YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS    ERH    ERZ   XMAG  FMAG  PMAG
2016-11-10  1212 44.44  40 49.42  22E43.66   0.00  1.28   9.63   9.10  4.89  4.13  5.0
                                                                                   SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  14   20  29.1  Atl  211   6   0  13   5  14      #       3.00  0.08 L   3.00  0.04 D

1 10 NOV 2016, 12:12  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<  13.25  55 43>-<   7.51 184 34>-<   2.00 296 27>


REGION=  Greqi (Greece)


STA NET COM CR DIST AZM  AN P/S WT    SEC (TOBS -TCAL -DLY  =RES)  WT    SR   INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
THE  AC HHZ     29.1 136  90  P      50.19  5.75  5.82 0.00 -0.07  1.07      0.383
THE  AC HHE     29.1 136  90  S      55.51 11.07 10.18 0.00  0.89* 1.07S     0.640
FNA  AC HHZ    113.5 269  53  P      62.34 17.90 20.70 0.00 -2.80* 0.60      0.159
FNA  AC HHN    113.5 269  53  S      79.22 34.78 36.22 0.00 -1.44* 1.07S     0.546
LSK  AC HHZ    195.4 249  39  P      74.99 30.55 32.19 0.00 -1.64* 1.06      0.106 1.00  102   3.98 D
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LSK   AC HHN    195.4 249  39      6  60.00 15.56 32.19 0.00        0.00   0.000 1.00              36 .86   4.89 L
                            S         98.55 54.11 56.33 0.00 -2.22* 0.90S   0.289
TIR   AC HHZ    247.5 285  38  P     80.85 36.41 38.73 0.00 -2.32* 0.86    0.253 1.00 121   4.17 D
TIR   AC HHN    247.5 285  38      6  60.00 15.56 38.73 0.00        0.00   0.000 1.00               9.4 .93  4.57 L
                            S        113.59 69.15 67.78 0.00  1.37* 1.07S   0.669
IGT   AC HHZ    249.6 236  38  P     83.88 39.44 38.98 0.00  0.46  1.07    0.096
SRN   AC HHZ    254.3 247  38  P     83.76 39.32 39.56 0.00 -0.24  1.07    0.097 1.00 114   4.13 D
SRN   AC HHN    254.3 247  38      6  60.00 15.56 39.56 0.00        0.00   0.000 1.00              22 .98   4.97 L
                            S        113.30 68.86 69.23 0.00 -0.37  1.07S   0.451
BPA1  AC HHZ    259.6 269  38  P     83.43 38.99 40.22 0.00 -1.23* 1.07    0.190
BPA1  AC HHN    259.6 269  38  S    123.71 79.27 70.38 0.00  8.89* 0.00S   0.000
LKD2  AC HHZ    287.2 219  38  P     88.63 44.19 43.62 0.00  0.57* 1.07    0.115




 YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ   XMAG  FMAG  PMAG
 2016-11-11  0536 42.59  38 14.10  20E36.27   4.00  0.31  3.58  1.25  3.23  3.44  3.3
                                                                                    SOURCE
 NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
    8   12  61.7  Atl  341   6   0   7   3   8      #        2.00  0.39 L    1.00  0.00 D

 1 11 NOV 2016,  5:36  SEQUENCE NO.    1, ID NO.        0
 ERROR ELLIPSE: <SERR AZ DIP>-<  40.44 105 25>-<   8.26 224 45>-<   6.11 356 33>


 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     61.7    4  61  P     53.42 10.83 11.77 0.00 -0.24  1.21    0.473
 LKD2 AC HHN     61.7    4  61  S     62.11 19.52 20.60 0.00 -0.28  1.21S   0.832
 IGT  AC HHZ    145.9 351  46  P     67.17 24.58 25.61 0.00 -0.33  1.21    0.398
 IGT  AC HHN    145.9 351  46  S     84.56 41.97 44.82 0.00 -0.35  0.76S   0.222
 SRN  AC HHZ    190.0 345  39  P     73.09 30.50 31.50 0.00 -0.40  1.21    0.391
 SRN  AC HHN    190.0 345  39      6  60.00 17.41 31.50 0.00        0.00   0.000 1.00            0.35 .34   2.84 L
                            S         99.59 57.00 55.13 0.00  0.47  1.19S   0.714
 LSK  AC HHZ    212.6    0  39  P     77.40 34.81 34.36 0.00  0.45  1.21    0.967 1.00  53   3.44 D
 LSK  AC HHN    212.6    0  39      6  60.00 17.41 34.36 0.00        0.00   0.000 1.00             1.5 .62   3.61 L
                            S        107.19 64.60 60.13 0.00  0.47  0.02S   0.000




 YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ   XMAG  FMAG  PMAG
 2016-11-11  0607 33.58  39 47.02  20E40.12   3.00  0.24  1.52  4.81  2.86  2.82  2.9
                                                                                    SOURCE
 NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
    9   13  40.4  Atl  175   6   0   9   4   9      #        2.00  0.05 L    2.00  0.19 D
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1 11 NOV 2016,  6:07  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   4.87 151 81>-<   1.53 286  6>-<   0.81  17  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
IGT  AC HHZ    40.4 227   61  P      41.59  8.01  8.04 0.00 -0.03 1.14       0.361
IGT  AC HHN    40.4 227   61  S      48.67 15.09 14.07 0.00  0.22 0.20S      0.045
LSK  AC HHZ    41.1 352   61  P      41.90  8.32  8.16 0.00  0.16 1.14       0.418 1.00 38   3.00 D
LSK  AC HHN    41.1 352   61     6   0.00-33.58  8.16 0.00       0.00       0.000 1.00              6.8 .40   2.90 L
                              S      47.75 14.17 14.28 0.00 -0.11 1.14S      0.394
SRN  AC HHZ    58.2 281   61  P      44.31 10.73 11.16 0.00 -0.43 1.14       0.412 1.00 24   2.63 D
SRN  AC HHN    58.2 281   61     6   0.00-33.58 11.16 0.00       0.00       0.000 1.00              3.4 .36   2.81 L
                              S      52.44 18.86 19.53 0.00 -0.37 0.93S      0.711
KBN  AC HHZ    93.8   6   57  P      50.68 17.10 17.41 0.00 -0.31 1.14       0.343
KBN  AC HHN    93.8   6   57  S      64.65 31.07 30.47 0.00  0.30 1.06S      0.547
LKD2 AC HHZ   110.4 181   53  P      53.24 19.66 20.20 0.00 -0.34 1.11       0.765




YEAR MO DA   --ORIGIN--   --LAT N-   --LON W--   DEPTH    RMS    ERH    ERZ   XMAG   FMAG   PMAG
2016-11-11   1236 45.73   39 47.48    20E40.00    0.00   0.33   0.94   2.52   2.61   3.10   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
  12   17   40.2  Atl  153    6   0   10    5   10        #        2.00  0.06 L    4.00  0.09 D

1 11 NOV 2016, 12:36  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   2.54 274 82>-<   0.95 105  7>-<   0.56  16  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    40.2 352   61  P      53.85  8.12  8.01 0.00  0.11 1.08       0.396 1.00 38   3.00 D
LSK  AC HHN    40.2 352   61  S      60.09 14.36 14.02 0.00  0.34 1.08S      0.382
LSK  AC HHE    40.2 352   61     6   60.00 14.27  8.01 0.00       0.00       0.000 1.00              4.1 .50   2.66 L
IGT  AC HHZ    40.8 226   61  P      53.72  7.99  8.12 0.00 -0.13 1.08       0.304 1.00 46   3.17 D
IGT  AC HHE    40.8 226   61  S      60.29 14.56 14.21 0.00  0.35 1.08S      0.389
SRN  AC HHZ    57.9 281   61  P      56.42 10.69 11.11 0.00 -0.42 1.05       0.270 1.00 38   3.02 D
SRN  AC HHN    57.9 281   61  S      65.10 19.37 19.44 0.00 -0.07 1.08S      0.624
SRN  AC HHE    57.9 281   61     6   60.00 14.27 11.11 0.00       0.00       0.000 1.00              1.9 .25   2.55 L
LKD2 AC HHZ   111.3 181   53  P      65.63 19.90 20.34 0.00 -0.44 1.02       0.345 1.00 56   3.40 D
LKD2 AC HHN   111.3 181   53  S      81.73 36.00 35.60 0.00  0.40 1.06S      0.591
FNA  AC HHZ   125.7  28   50  P      67.70 21.97 22.65 0.00 -0.68* 0.38      0.047
FNA  AC HHN   125.7  28   50  S      85.74 40.01 39.64 0.00  0.37 1.08S      0.647
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YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-11-13  2225  4.22  39 45.05  20E43.64   5.23  0.99  5.52  6.73  2.59  2.62  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
   9   12  45.6  Atl  280  21   0   8   3   9      #        2.00  0.24 L   2.00  0.16 D

1 13 NOV 2016, 22:25  SEQUENCE NO.   1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<   8.70 308 50>-<   4.46 130 39>-<   2.26 220  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     45.6 347  90  P      12.52  8.30  8.48 0.00 -0.18 1.28      0.614 1.00  20   2.46 D
LSK AC HHN     45.6 347  90      6   0.00 -4.22  8.48 0.00       0.00      0.000 1.00                5.2 .50   2.83 L
                     S      19.24 15.02 14.84 0.00  0.18 1.28S     0.526
SRN AC HHZ     63.9 284  90  P      15.28 11.06 11.68 0.00 -0.62* 1.28     0.513 1.00  28   2.77 D
SRN AC HHN     63.9 284  90      6   0.00 -4.22 11.68 0.00       0.00      0.000 1.00                0.98 .36   2.35 L
                     S      24.47 20.25 20.44 0.00 -0.19 1.28S     0.848
KBN AC HHZ     97.0   2  75  P      16.89 12.67 17.42 0.00 -4.75* 0.00     0.000
KBN AC HHE     97.0   2  75  S      33.94 29.72 30.49 0.00 -0.77* 1.28S    0.596
VLO AC HHZ    131.8 308  55  P      29.81 25.59 22.86 0.00  2.73* 0.88     0.180
TIR AC HHZ    191.8 338  46  P      38.55 34.33 30.93 0.00  3.40* 0.41     0.059
SCTE AC HHZ   196.5 282  46  P      34.97 30.75 31.53 0.00 -0.78* 1.28     0.661


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-11-13  2240 41.86  39 45.27  20E40.55   0.01  0.19  8.10 11.91        3.01  3.0
                                                                              SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
   6    9  38.7  Atl  226  11   0   5   3   6      -        2.00  0.34 L   2.00  0.16 D

1 13 NOV 2016, 22:40  SEQUENCE NO.   1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<  14.40 147 55>-<   0.95 292 28>-<   0.40  32 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
IGT AC HHZ     38.7 231  90  P      49.38  7.52  7.73 0.00 -0.21 1.20      0.624
IGT AC HHN     38.7 231  90  S      55.66 13.80 13.53 0.00  0.27 1.18S     0.872
SRN AC HHZ     59.5 284  61  P      52.63 10.77 11.39 0.00 -0.62* 0.02     0.000 1.00  31   2.85 D
SRN AC HHN     59.5 284  61      6  60.00 18.14 11.39 0.00       0.00      0.000
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                              S       61.93 20.07 19.93 0.00  0.14  1.20S     0.999
KBN   AC HHZ      97.0   5  57  P      59.95 18.09 17.94 0.00  0.15  1.20      0.624 1.00  43    3.16 D
KBN   AC HHN      97.0   5  57      6  60.00 18.14 17.94 0.00        0.00      0.000
                              S       73.41 31.55 31.40 0.00  0.15  1.20S     0.877




YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS    ERH   ERZ  XMAG  FMAG  PMAG
2016-11-13  2250 23.05  40 13.05   20E15.77  1.00   0.40   5.54  1.74  2.70  2.90  2.7
                                                                                         SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
   5    7   29.6  Atl 193   6   0   5   2   5      #         2.00  0.23 L    2.00  0.01 D

1 13 NOV 2016, 22:50  SEQUENCE NO.    1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<   15.74 105 69>-<    4.04 337 13>-<   1.93 242 15>

REGION=  9Km J-P të Përmetit, Rajoni Përmetit (9Km S-W of Përmeti, Përmeti 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      29.6 104  90  P      27.90  4.85  5.91 0.00 -0.46 0.99     0.627 1.00  36   2.91 D
LSK   AC HHN      29.6 104  90      6   0.00-23.05  5.91 0.00       0.00     0.000 1.00              9.2 .57   2.92 L
                              S       33.93 10.88 10.34 0.00  0.44  1.02S    0.887
SRN   AC HHZ      43.6 211  61  P      30.54  7.49  8.61 0.00 -0.12 0.95     0.600 1.00  33   2.89 D
SRN   AC HHN      43.6 211  61      6   0.00-23.05  8.61 0.00       0.00     0.000 1.00              2.4 .46   2.47 L
                              S       39.11 16.06 15.07 0.00  0.49  1.01S    0.884
KBN   AC HHZ      63.4  44  61  P      35.80 12.75 12.07 0.00  0.48  1.02     1.000




YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS    ERH   ERZ  XMAG  FMAG  PMAG
2016-11-13  2252  5.46  39 44.39   20E45.21  7.71   0.23   1.76  2.12        2.85  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
   7   10   47.4  Atl 283  11   0   6   3   7                0.00  0.00 L    3.00  0.07 D

1 13 NOV 2016, 22:52  SEQUENCE NO.    1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<    2.33 321 65>-<    1.94 137 24>-<   0.88 229  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      47.4 344  94  P      14.68  9.22  8.81 0.00  0.41  1.00     0.497 1.00  29   2.78 D
LSK   AC HHN      47.4 344  94  S      20.65 15.19 15.42 0.00 -0.23  1.00S    0.835
SRN   AC HHZ      66.3 284  75  P      17.34 11.88 12.10 0.00 -0.22  1.00     0.497 1.00  31   2.85 D
SRN   AC HHN      66.3 284  75  S      26.76 21.30 21.17 0.00  0.13  1.00S    0.835
```

```
KBN   AC HHZ    98.2   1  66  P      22.72 17.26 17.44 0.00 -0.18  1.00     0.497 1.00  48   3.25 D
KBN   AC HHE    98.2   1  66  S      36.09 30.63 30.52 0.00  0.11  1.00S    0.835
TIR   AC HHZ   193.8 338  46  P      49.40 43.94 30.87 0.00 13.07* 0.00     0.000
```

```
YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS    ERH    ERZ   XMAG   FMAG   PMAG
2016-11-15  0612 18.75  39 23.02   20E33.96   6.00  0.22   7.54   7.51   2.13   2.77   2.7
                                                                                      SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
   8   12  26.1  Atl  303   6   0   8   4   8       #        1.00  0.00 L    2.00  0.16 D
```

```
1 15 NOV 2016,  6:12  SEQUENCE NO.   1, ID NO.       0
ERROR ELLIPSE: <SERR AZ DIP>-<  10.64 208 44>-<   6.46 324 23>-<   3.24  72 35>
```

```
REGION=  Greqi (Greece)
```

```
STA NET COM CR DIST AZM  AN P/S WT    SEC (TOBS -TCAL -DLY  =RES)  WT    SR   INFO   CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
IGT  AC HHZ    26.1 310  90  P      22.84  4.09  5.22 0.00 -0.43  1.13     0.518
IGT  AC HHN    26.1 310  90  S      28.90 10.15  9.13 0.00  0.02  1.13S    0.700
SRN  AC HHZ    73.4 319  61  P      32.41 13.66 13.84 0.00 -0.18  1.13     0.421 1.00  23   2.61 D
SRN  AC HHN    73.4 319  61      6   0.00-18.75 13.84 0.00        0.00     0.000 1.00            0.441.63   2.13 L
                            S      42.72 23.97 24.22 0.00 -0.25  1.13S    0.766
LSK  AC HHZ    85.1   1  61  P      32.17 13.42 15.89 0.00 -0.37  0.56     0.132 1.00  33   2.92 D
LSK  AC HHN    85.1   1  61  S      45.37 26.62 27.81 0.00 -0.49  1.13S    0.731
KBN  AC HHZ   139.0   7  46  P      45.66 26.91 24.61 0.00  0.30  0.69     0.238
KBN  AC HHN   139.0   7  46  S      63.43 44.68 43.07 0.00  0.41  1.10S    0.491
```

```
YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS    ERH    ERZ   XMAG   FMAG   PMAG
2016-11-15  1921 57.28  39 43.66   20E45.18   5.03  0.95   0.61   0.28          3.21   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
  20   30  42.4  Atl  216   8   0  20  10  20       #        0.00  0.00 L    5.00  0.17 D
```

```
1 15 NOV 2016, 19:21  SEQUENCE NO.   1, ID NO.       0
ERROR ELLIPSE: <SERR AZ DIP>-<   5.02 142 58>-<   2.80 303 29>-<   1.54  38  8>
```

```
REGION=     Greqi (Greece)
```

```
STA NET COM CR DIST AZM  AN P/S WT    SEC (TOBS -TCAL -DLY  =RES)  WT    SR   INFO   CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
IGT  AC HHZ    42.4 240  61  P      65.49  8.21  8.38 0.00 -0.17  1.08     0.307
IGT  AC HHN    42.4 240  61  S      72.27 14.99 14.66 0.00  0.32  1.08S    0.514
LSK  AC HHZ    48.7 345  61  P      65.92  8.64  9.50 0.00 -0.86* 1.08     0.228 1.00  41   3.08 D
```

```
LSK    AC HHE     48.7 345  61  S        73.58 16.30 16.63 0.00 -0.32  1.08S     0.297
SRN    AC HHZ     66.6 285  61  P        68.55 11.27 12.64 0.00 -0.37* 0.94      0.154 1.00  35   2.96 D
SRN    AC HHE     66.6 285  61  S        78.21 20.93 22.12 0.00 -0.19* 1.05S     0.341
KBN    AC HHZ     99.5   1  57  P        74.03 16.75 18.38 0.00 -0.63* 0.70      0.082 1.00  57   3.40 D
KBN    AC HHN     99.5   1  57  S        90.04 32.76 32.16 0.00  0.60* 1.08S     0.182
FNA    AC HHZ    128.7  24  50  P        79.16 21.88 23.11 0.00 -0.23* 1.03      0.230
FNA    AC HHN    128.7  24  50  S        97.34 40.06 40.44 0.00 -0.38  1.08S     0.361
VLO    AC HHZ    135.2 308  46  P        83.03 25.75 24.05 0.00  0.70* 0.62      0.027 1.00  44   3.21 D
VLO    AC HHE    135.2 308  46  S       101.07 43.79 42.09 0.00  0.70* 0.62S     0.074
BPA1   AC HHZ    144.7 321  46  P        83.68 26.40 25.43 0.00  0.97* 1.08      0.079
BPA1   AC HHE    144.7 321  46  S       100.49 43.21 44.50 0.00 -0.29* 1.00S     0.163
BPA2   AC HHZ    147.4 320  46  P        83.55 26.27 25.82 0.00  0.45  1.08      0.079
BPA2   AC HHE    147.4 320  46  S       101.71 44.43 45.18 0.00 -0.75* 1.08S     0.195
TIR    AC HHZ    195.0 338  39  P        90.17 32.89 32.13 0.00  0.76* 1.08      0.081 1.00  50   3.38 D
TIR    AC HHE    195.0 338  39  S       114.61 57.33 56.23 0.00  0.10* 1.08S     0.235
BCI    AC HHZ    298.7 350  38  P       103.21 45.93 45.04 0.00  0.89* 1.08      0.106
BCI    AC HHN    298.7 350  38  S       137.35 80.07 78.82 0.00  0.25* 1.02S     0.254


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W-- DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-11-15  1925 36.95  39 44.65   20E43.12  2.00  0.35  0.12  0.29        3.00  3.0
                                                                                       SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  12   18  40.9  Atl  210   6   0  12   6  12       #       0.00  0.00 L   2.00  0.06 D


1 15 NOV 2016, 19:25  SEQUENCE NO.   1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<   2.42 142 71>-<   1.18 310 18>-<   0.56  41  4>


REGION=    Greqi (Greece)


STA NET COM CR DIST AZM   AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
IGT    AC HHZ     40.9 235  61  P        45.31  8.36  8.13 0.00  0.23  1.21      0.412
IGT    AC HHE     40.9 235  61  S        51.46 14.51 14.23 0.00  0.28  1.21S     0.628
LSK    AC HHZ     46.2 348  61  P        46.05  9.10  9.06 0.00  0.04  1.21      0.388 1.00  35   2.94 D
LSK    AC HHE     46.2 348  61  S        53.59 16.64 15.85 0.00  0.78* 0.69S     0.134
SRN    AC HHZ     63.3 285  61  P        48.30 11.35 12.06 0.00 -0.71* 0.87      0.180 1.00  39   3.05 D
SRN    AC HHE     63.3 285  61  S        57.67 20.72 21.10 0.00 -0.39  1.21S     0.482
KBN    AC HHZ     97.8   3  57  P        54.19 17.24 18.09 0.00 -0.85* 0.51      0.057
KBN    AC HHE     97.8   3  57  S        68.48 31.53 31.66 0.00 -0.13  1.21S     0.288
FNA    AC HHZ    128.3  25  50  P        59.72 22.77 23.06 0.00 -0.29  1.21      0.323
FNA    AC HHE    128.3  25  50  S        77.48 40.53 40.35 0.00  0.17  1.21S     0.608
VLO    AC HHZ    131.7 309  46  P        61.46 24.51 23.55 0.00  0.96* 0.28      0.007
VLO    AC HHE    131.7 309  46  S        78.01 41.06 41.21 0.00 -0.15  1.21S     0.487
```

```
YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS    ERH   ERZ   XMAG  FMAG  PMAG
2016-11-15  2032 50.97  39 41.92  20E47.84   0.03   0.74   0.09  0.30         2.99  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
  18   27  44.2  Atl  224   8   0  18   9  18      #        0.00  0.00 L   4.00  0.12 D

1 15 NOV 2016, 20:32  SEQUENCE NO.   1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<   3.86 145 58>-<   2.41 309 29>-<   1.19  43  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
IGT  AC HHZ    44.2 246  61 P     59.83  8.86  8.71 0.00  0.15  1.17      0.320
IGT  AC HHN    44.2 246  61 S     66.28 15.31 15.24 0.00  0.07  1.17S     0.513
LSK  AC HHZ    52.9 342  61 P     60.18  9.21 10.23 0.00 -0.02* 1.15      0.224 1.00  34    2.92 D
LSK  AC HHE    52.9 342  61 S     67.57 16.60 17.90 0.00 -0.30* 0.97S     0.272
SRN  AC HHZ    71.2 287  61 P     63.35 12.38 13.44 0.00 -0.06* 1.14      0.184 1.00  30    2.83 D
SRN  AC HHE    71.2 287  61 S     73.31 22.34 23.52 0.00 -0.18* 1.07S     0.350
KBN  AC HHZ   102.7   0  57 P     69.09 18.12 18.91 0.00 -0.79* 1.17      0.208 1.00  38    3.06 D
KBN  AC HHE   102.7   0  57 S     84.21 33.24 33.09 0.00  0.15  1.17S     0.240
FNA  AC HHZ   130.2  22  46 P     74.60 23.63 23.33 0.00  0.30  1.17      0.272
FNA  AC HHE   130.2  22  46 S     90.66 39.69 40.83 0.00 -0.14* 1.10S     0.397
VLO  AC HHZ   140.1 309  46 P     76.36 25.39 24.77 0.00  0.62* 1.17      0.082 1.00  48    3.29 D
VLO  AC HHE   140.1 309  46 S     94.53 43.56 43.35 0.00  0.21  1.17S     0.334
BPA1 AC HHZ   149.6 320  46 P     76.71 25.74 26.14 0.00 -0.40  1.17      0.080
BPA1 AC HHN   149.6 320  46 S     98.75 47.78 45.74 0.00  0.04* 0.16S     0.005
TIR  AC HHZ   199.4 337  39 P     83.39 32.42 32.69 0.00 -0.27  1.17      0.092
TIR  AC HHE   199.4 337  39 S    110.23 59.26 57.21 0.00  2.05* 0.14S     0.005
BCI  AC HHN   302.6 349  38 S    131.21 80.24 79.66 0.00  0.58* 1.17S     0.389
BCI  AC HHZ   302.6 349  38 P     98.16 47.19 45.52 0.00  0.67* 0.53      0.024


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS    ERH   ERZ   XMAG  FMAG  PMAG
2016-11-16  1141  7.93  39 45.94  20E43.00   5.98   0.99   1.62  3.05  3.45        3.4
                                                                                             SOURCE
NSTA NPHS  DMIN MODEL  GAP ITR NFM NWR NWS NVR REMRKS-AVH   N.XMG-XMMAD-T   N.FMG-FMMAD-T L F X
  29   40  42.2  Atl  121  11   0  23   9  25                4.00  0.13 L   0.00  0.00 D

1 16 NOV 2016, 11:41  SEQUENCE NO.   1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<   3.26 267 69>-<   1.71 115 18>-<   1.29  21  8>

REGION=    Greqi (Greece)
```

```
STA NET COM CR DIST AZM   AN P/S WT    SEC (TOBS -TCAL -DLY =RES)  WT   SR   INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
IGT  AC HHZ     42.2 233  91 P      15.36  7.43  7.88 0.00 -0.45 1.14      0.180
IGT  AC HHN     42.2 233  91 S      21.75 13.82 13.79 0.00  0.03 1.14S     0.292
LSK  AC HHZ     43.8 347  91 P      16.02  8.09  8.17 0.00 -0.08 1.14      0.196
LSK  AC HHN     43.8 347  91 S      22.42 14.49 14.30 0.00  0.19 1.14S     0.297
SRN  AC HHZ     62.6 282  91 P      18.64 10.71 11.48 0.00 -0.77* 1.14     0.133
SRN  AC HHN     62.6 282  91 S      28.18 20.25 20.09 0.00  0.16 1.14S     0.269
SRN  AC HHE     62.6 282  91    6    0.00 -7.93 11.48 0.00       0.00      0.000 1.00         15 .43   3.52 L
KBN  AC HHZ     95.5   3  75 P      24.50 16.57 17.11 0.00 -0.54* 1.14     0.134
KBN  AC HHE     95.5   3  75 S      38.00 30.07 29.94 0.00  0.13 1.14S     0.190
KBN  AC HHN     95.5   3  75    6    0.00 -7.93 17.11 0.00       0.00      0.000 1.00        3.9 .62  3.26 L
LKD2 AC HHZ    108.6 183  66 P      26.64 18.71 19.24 0.00 -0.53* 1.14     0.210
LKD2 AC HHN    108.6 183  66 S      42.58 34.65 33.67 0.00  0.98* 1.14S    0.386
FNA  AC HHZ    126.3  26  55 P      28.81 20.88 21.98 0.00 -1.10* 1.14     0.119
VLO  AC HHZ    130.1 308  55 P      31.47 23.54 22.54 0.00  1.00* 1.14     0.069
VLO  AC HHN    130.1 308  55 S      46.38 38.45 39.44 0.00 -1.00* 1.14S    0.335
BPA1 AC HHZ    139.5 321  55 P      28.40 20.47 23.89 0.00 -3.42* 0.31     0.004
BPA2 AC HHZ    142.1 320  55 P      34.99 27.06 24.28 0.00  2.78* 0.70     0.023
TIR  AC HHZ    189.9 338  46 P      40.33 32.40 30.60 0.00  1.80* 1.11     0.063
TIR  AC HHN    189.9 338  46 S      61.82 53.89 53.55 0.00  0.34 1.14S     0.303
TIR  AC HHE    189.9 338  46    6   60.00 52.07 30.60 0.00       0.00      0.000 1.00        1.2 .77  3.38 L
SCTE AC HHZ    195.3 281  46 P      38.17 30.24 31.28 0.00 -1.04* 1.14     0.100
SCTE AC HHE    195.3 281  46 S      59.07 51.14 54.74 0.00 -3.60* 0.21S    0.017
THE  AC HHZ    214.1  62  46 P      42.31 34.38 33.66 0.00  0.72* 1.14     0.174
THE  AC HHE    214.1  62  46 S      65.58 57.65 58.90 0.00 -1.25* 1.14S    0.345
BCI  AC HHZ    294.0 350  44 P      53.42 45.49 43.55 0.00  1.94* 1.08     0.062
BCI  AC HHE    294.0 350  44 S      88.24 80.31 76.21 0.00  4.10* 0.04S    0.000
BCI  AC HHN    294.0 350  44    6  120.00112.07 43.55 0.00       0.00      0.000 1.00       1.61.00  3.99 L
SGRT AC HHZ    473.2 300  44 P      72.93 65.00 65.68 0.00 -0.68* 1.14     0.088
SGRT AC HHN    473.2 300  44 S     113.71105.78114.94 0.00 -9.16* 0.00S    0.000
```

```
YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH  RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-11-16  1915 31.56  39 46.04   20E41.13   2.04  0.06  0.84  1.24  2.01  2.47  2.5
                                                                                       SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
   8   12  43.1  Atl  277   9   0   7   4   8             2.00  0.17 L    2.00  0.10 D
```

1 16 NOV 2016, 19:15 SEQUENCE NO.   1, ID NO.   0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.50 123 55>-<   0.96 325 32>-<   0.41 228 9>

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     43.1 351  61 P       39.83  8.27  8.32 0.00 -0.05 1.00       0.378 1.00  18   2.37 D
LSK  AC HHN     43.1 351  61     6   0.00-31.56  8.32 0.00       0.00       0.000 1.00              1.2 .46   2.18 L
                         S       46.04 14.48 14.56 0.00 -0.08 1.00S       0.535
SRN  AC HHZ     60.0 283  61 P       42.28 10.72 11.28 0.00 -0.46 1.00       0.000 1.00  22   2.56 D
SRN  AC HHN     60.0 283  61     6   0.00-31.56 11.28 0.00       0.00       0.000 1.00             0.35 .37   1.84 L
                         S       51.36 19.80 19.74 0.00  0.06 1.00S       0.862
KBN  AC HHZ     95.5   5  57 P       49.10 17.54 17.48 0.00  0.06 1.00       0.415
KBN  AC HHN     95.5   5  57 S       62.21 30.65 30.59 0.00  0.06 1.00S       0.526
SCTE AC HHZ    192.6 282  39 P       63.04 31.48 31.52 0.00 -0.04 1.00       0.478
SCTE AC HHE    192.6 282  39 S       86.71 55.15 55.16 0.00 -0.01 1.00S       0.802



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ   XMAG  FMAG  PMAG
2016-11-16  2255 15.66  39 45.31  20E44.44   8.71  0.07  1.12  0.96  2.08  2.39  2.4
                                                                                  SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
   8   12  45.5  Atl  280  17   0   7   4   8              3.00  0.15 L    3.00  0.01 D

1 16 NOV 2016, 22:55  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.25 140 26>-<   1.07 330 63>-<   0.44 232  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     45.5 345  95 P       24.98  9.32  8.48 0.00  0.84* 0.00       0.000 1.00  18   2.38 D
LSK  AC HHN     45.5 345  95     6   0.00-15.66  8.48 0.00       0.00       0.000 1.00              2.1 .41   2.44 L
                         S       31.02 15.36 14.84 0.00  0.52* 0.10S       0.019
SRN  AC HHZ     64.9 283  75 P       27.56 11.90 11.81 0.00  0.09 1.15       0.496 1.00  18   2.39 D
SRN  AC HHN     64.9 283  75     6   0.00-15.66 11.81 0.00       0.00       0.000 1.00             0.50 .21   2.08 L
                         S       36.26 20.60 20.67 0.00 -0.07 1.15S       0.829
KBN  AC HHZ     96.5   2  66 P       32.79 17.13 17.11 0.00  0.02 1.15       0.496 1.00  23   2.63 D
KBN  AC HHN     96.5   2  66     6   0.00-15.66 17.11 0.00       0.00       0.000 1.00             0.18 .43   1.93 L
                         S       45.58 29.92 29.94 0.00 -0.02 1.15S       0.831
SCTE AC HHZ    197.5 282  46 P       46.79 31.13 31.23 0.00 -0.10 1.15       0.494
SCTE AC HHN    197.5 282  46 S       70.40 54.74 54.65 0.00  0.09 1.15S       0.831



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ   XMAG  FMAG  PMAG
2016-11-17  1938 29.64  39 46.65  20E40.82  18.03  0.14  0.42  0.67  2.65  2.75  2.7
                                                                                  SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  14   21  40.6  Atl  155   8   0  13   7  14              3.00  0.07 L    2.00  0.11 D
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1 17 NOV 2016, 19:38  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   0.76 289 62>-<   0.48 107 27>-<   0.31 198  0>


REGION= Greqi (Greece)


STA NET COM CR DIST AZM  AN P/S WT    SEC (TOBS -TCAL -DLY  =RES)  WT    SR   INFO   CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
IGT  AC HHZ     40.6 228 103  P     36.73  7.09  7.82 0.00 -0.33 0.00       0.000
IGT  AC HHN     40.6 228 103  S     43.43 13.79 13.68 0.00  0.11 1.15S      0.447
LSK  AC HHZ     41.9 351 102  P     37.66  8.02  8.02 0.00  0.00 1.15       0.242 1.00  22   2.64 D
LSK  AC HHN     41.9 351 102     6   0.00-29.64  8.02 0.00       0.00       0.000 1.00                    4.0 .50   2.72 L
                             S     43.76 14.12 14.03 0.00  0.09 1.15S      0.381
SRN  AC HHZ     59.3 282  96  P     40.21 10.57 10.79 0.00 -0.22 1.14       0.154 1.00  28   2.86 D
SRN  AC HHE     59.3 282  96     6   0.00-29.64 10.79 0.00       0.00       0.000 1.00                    2.2 .31   2.65 L
                             S     48.48 18.84 18.88 0.00 -0.04 1.15S      0.386
KBN  AC HHZ     94.4   5  72  P     45.45 15.81 16.27 0.00 -0.46 0.27       0.009
KBN  AC HHN     94.4   5  72     6   0.00-29.64 16.27 0.00       0.00       0.000 1.00                    0.48 .46   2.35 L
                             S     58.22 28.58 28.47 0.00  0.11 1.15S      0.292
LKD2 AC HHZ    109.8 182  63  P     47.97 18.33 18.53 0.00 -0.20 1.15       0.308
LKD2 AC HHN    109.8 182  63  S     62.20 32.56 32.43 0.00  0.13 1.15S      0.521
FNA  AC HHZ    126.5  27  63  P     51.11 21.47 20.96 0.00  0.51* 0.12      0.002
FNA  AC HHN    126.5  27  63  S     66.24 36.60 36.68 0.00 -0.08 1.15S      0.423
SCTE AC HHZ    192.0 281  51  P     59.40 29.76 29.51 0.00  0.25 1.12       0.162
SCTE AC HHN    192.0 281  51  S     81.20 51.56 51.64 0.00 -0.08 1.15S      0.666




YEAR MO DA   --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS    ERH    ERZ   XMAG   FMAG   PMAG
2016-11-17   1954 52.41  39 45.56  20E42.48  11.00  0.22   0.62   1.06   3.20   3.08   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
  18   26  41.1  Atl  157  11   0  15   7  18              4.00  0.03 L    3.00  0.06 D

1 17 NOV 2016, 19:54  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.14 283 68>-<   0.66 113 21>-<   0.40  22  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     41.1 233  93  P     60.00  7.59  7.73 0.00 -0.14 1.00       0.204
IGT  AC HHN     41.1 233  93  S     65.62 13.21 13.53 0.00 -0.32 1.00S      0.316
LSK  AC HHZ     44.4 348  93  P     60.80  8.39  8.28 0.00  0.11 1.00       0.195 1.00  38   3.02 D
LSK  AC HHN     44.4 348  93     6  60.00  7.59  8.28 0.00       0.00       0.000 1.00                    25 .47   3.52 L
                             S     67.18 14.77 14.49 0.00  0.28 1.00S      0.301
SRN  AC HHZ     62.0 283  91  P     63.71 11.30 11.28 0.00  0.02 1.00       0.147 1.00  40   3.08 D
```

```
SRN  AC HHN   62.0 283  91      6  60.00  7.59 11.28 0.00        0.00   0.000 1.00              7.5 .30   3.22 L
                          S        72.43 20.02 19.74 0.00  0.28  1.00S   0.359
KBN  AC HHZ   96.2   4   72  P      69.06 16.65 16.92 0.00 -0.27  1.00   0.129 1.00  44   3.19 D
KBN  AC HHN   96.2   4   72      6  60.00  7.59 16.92 0.00        0.00   0.000 1.00              3.1 .77   3.17 L
                          S        81.67 29.26 29.61 0.00 -0.35  0.98S   0.200
LKD2 AC HHZ  107.8 183   65  P      71.27 18.86 18.77 0.00  0.09  1.00   0.268
LKD2 AC HHE  107.8 183   65  S      85.47 33.06 32.85 0.00  0.21  1.00S   0.472
FNA  AC HHZ  127.2  26   58  P      74.28 21.87 21.64 0.00  0.23  1.00   0.170
FNA  AC HHN  127.2  26   58  S      90.37 37.96 37.87 0.00  0.09  1.00S   0.317
VLO  AC HHZ  130.0 308   58  P      75.89 23.48 22.03 0.00  0.45  0.00   0.000
VLO  AC HHN  130.0 308   58  S      92.68 40.27 38.55 0.00  0.72*  0.00S   0.000
BPA1 AC HHZ  139.5 321   58  P      77.24 24.83 23.42 0.00  0.41  0.00   0.000
TIR  AC HHZ  190.3 339   48  P      82.13 29.72 30.05 0.00 -0.33  0.99   0.111
SCTE AC HHZ  194.7 282   48  P      82.88 30.47 30.61 0.00 -0.14  1.00   0.141
SCTE AC HHE  194.7 282   48      6  60.00  7.59 30.61 0.00        0.00   0.000 1.00             0.71 .57   3.18 L
                          S       106.09 53.68 53.57 0.00  0.11  1.00S   0.662


 YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS    ERH    ERZ   XMAG   FMAG   PMAG
 2016-11-17  2002  9.86  39 45.36  20E43.04   5.75  0.22   0.55   0.89   2.86   3.00   2.9
                                                                                 SOURCE
 NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  17   25   41.6  Atl  157  15   0  15   8  17              5.00  0.20 L    3.00  0.09 D

 1 17 NOV 2016, 20:02  SEQUENCE NO.   1, ID NO.        0
 ERROR ELLIPSE: <SERR AZ DIP>-<   0.91 249 78>-<   0.55 115  8>-<   0.38  23  8>


 REGION= Greqi (Greece)

 STA NET COM CR DIST AZM  AN P/S WT    SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
 IGT  AC HHZ    41.6 234  91  P     17.62  7.76  7.77 0.00 -0.01  1.15   0.195
 IGT  AC HHE    41.6 234  91  S     23.62 13.76 13.60 0.00  0.16  1.15S   0.317
 LSK  AC HHZ    44.9 347  91  P     18.36  8.50  8.36 0.00  0.14  1.15   0.264 1.00  34   2.91 D
 LSK  AC HHN    44.9 347  91      6  0.00 -9.86  8.36 0.00        0.00   0.000 1.00              9.8 .25   3.10 L
                          S        25.14 15.28 14.63 0.00  0.45  0.23S   0.017
 SRN  AC HHZ    62.9 283  90  P     21.05 11.19 11.51 0.00 -0.32  1.14   0.171 1.00  37   3.00 D
 SRN  AC HHE    62.9 283  90      6  0.00 -9.86 11.51 0.00        0.00   0.000 1.00              2.1 .18   2.66 L
                          S        29.89 20.03 20.14 0.00 -0.11  1.15S   0.363
 KBN  AC HHZ    96.5   3  75  P     27.15 17.29 17.31 0.00 -0.02  1.15   0.192 1.00  44   3.18 D
 KBN  AC HHN    96.5   3  75      6  0.00 -9.86 17.31 0.00        0.00   0.000 1.00              1.2 .57   2.75 L
                          S        40.63 30.77 30.29 0.00  0.48  0.81S   0.144
 LKD2 AC HHZ   107.5 183  66  P     28.65 18.79 19.08 0.00 -0.29  1.15   0.270
 LKD2 AC HHN   107.5 183  66  S     43.48 33.62 33.39 0.00  0.23  1.15S   0.530
 FNA  AC HHZ   127.2  26  55  P     31.89 22.03 22.14 0.00 -0.11  1.15   0.193
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FNA  AC HHE    127.2  26  55  S       48.31 38.45 38.74 0.00 -0.30  1.15S    0.361
VLO  AC HHZ    130.8 308  55  P       33.24 23.38 22.66 0.00  0.22  0.08     0.000
VLO  AC HHE    130.8 308  55      6    0.00 -9.86 22.66 0.00        0.00     0.000 1.00                    3.4 .50   3.45 L
                                S       49.47 39.61 39.65 0.00 -0.05  1.15S    0.365
TIR  AC HHZ    190.9 339  46  P       40.97 31.11 30.75 0.00  0.36  1.09     0.101
SCTE AC HHZ    195.6 282  46  P       40.28 30.42 31.34 0.00 -0.92* 0.00     0.000
SCTE AC HHE    195.6 282  46      6   60.00 50.14 31.34 0.00        0.00     0.000 1.00                   0.34 .30   2.86 L
                                S       64.70 54.84 54.85 0.00 -0.01  1.15S    0.508


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-11-17  2023 30.74  39 45.70   20E41.66   1.98  0.37  0.85  1.66  3.40  3.29  3.4
                                                                                          SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  21   29  40.4  Atl  155  12   0  17   8  19             6.00  0.20 L    3.00  0.02 D

1 17 NOV 2016, 20:23  SEQUENCE NO.   1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.67 146 85>-<   0.85 285  3>-<   0.51  15  2>

REGION=   Greqi (Greece)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
IGT  AC HHZ     40.4 231  61  P       38.36  7.62  7.85 0.00 -0.23  1.16     0.223
IGT  AC HHN     40.4 231  61  S       44.88 14.14 13.74 0.00  0.40  1.16S    0.277
LSK  AC HHZ     43.9 350  61  P       39.06  8.32  8.46 0.00 -0.14  1.16     0.238 1.00  53   3.29 D
LSK  AC HHN     43.9 350  61  S       45.89 15.15 14.81 0.00  0.34  1.16S    0.204
LSK  AC HHE     43.9 350  61      6    0.00-30.74  8.46 0.00        0.00     0.000 1.00                    25 .72   3.50 L
SRN  AC HHZ     60.8 283  61  P       41.64 10.90 11.44 0.00 -0.44  1.14     0.210 1.00  51   3.27 D
SRN  AC HHN     60.8 283  61      6    0.00-30.74 11.44 0.00        0.00     0.000 1.00                    10 .30   3.33 L
                                S       50.83 20.09 20.02 0.00  0.07  1.16S    0.312
KBN  AC HHZ     96.0   4  57  P       47.26 16.52 17.58 0.00 -1.06* 0.31     0.017 1.00  63   3.48 D
KBN  AC HHE     96.0   4  57      6   60.00 29.26 17.58 0.00        0.00     0.000 1.00                   2.6 .95   3.09 L
                                S       61.57 30.83 30.76 0.00  0.07  1.16S    0.235
LKD2 AC HHZ    108.0 182  53  P       49.89 19.15 19.58 0.00 -0.43  1.16     0.299
LKD2 AC HHN    108.0 182  53  S       65.34 34.60 34.26 0.00  0.33  1.16S    0.548
FNA  AC HHZ    127.5  27  46  P       52.39 21.65 22.67 0.00 -0.32  0.39     0.025
FNA  AC HHE    127.5  27  46  S       70.17 39.43 39.67 0.00 -0.24  1.16S    0.458
VLO  AC HHZ    128.9 308  46  P       53.91 23.17 22.87 0.00  0.30  1.16     0.092
VLO  AC HHN    128.9 308  46      6   60.00 29.26 22.87 0.00        0.00     0.000 1.00                    8.4 .40   3.83 L
                                S       70.55 39.81 40.02 0.00 -0.21  1.16S    0.279
BPA2 AC HHZ    141.2 320  46  P       55.79 25.05 24.66 0.00  0.39  1.16     0.094
TIR  AC HHZ    189.6 339  39  P       62.46 31.72 31.15 0.00  0.27  1.13     0.083
TIR  AC HHN    189.6 339  39      6   60.00 29.26 31.15 0.00        0.00     0.000 1.00                   1.51.03   3.46 L
SCTE AC HHZ    193.5 282  39  P       60.79 30.05 31.64 0.00 -0.59* 0.00     0.000
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SCTE AC HHN    193.5 282  39      6  60.00 29.26 31.64 0.00          0.00      0.000 1.00              0.61 .21   3.11 L
                                 S         85.64 54.90 55.37 0.00 -0.47  1.16S      0.399
BCI  AC HHZ    294.0 350  38  P      76.32 45.58 44.16 0.00  1.42* 0.00      0.000



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-11-17  2107 13.55  39 45.32  20E42.80   2.85  0.31  0.75  1.53  3.33  3.02  3.3
                                                                                  SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  20   28  41.3  Atl  157   8   0  17   8  19              5.00  0.08 L    3.00  0.06 D

1 17 NOV 2016, 21:07  SEQUENCE NO.   1, ID NO.       0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.54 122 83>-<   0.76 289   6>-<   0.47  19  1>


REGION= Greqi (Greece)

STA NET COM CR DIST AZM  AN P/S WT    SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
IGT  AC HHZ    41.3 234  61  P      21.61  8.06  7.92 0.00  0.14  1.08      0.224
IGT  AC HHN    41.3 234  61  S      27.65 14.10 13.86 0.00  0.24  1.08S     0.276
LSK  AC HHZ    44.9 348  61  P      22.42  8.87  8.56 0.00  0.31  1.08      0.205 1.00  36  2.96 D
LSK  AC HHN    44.9 348  61      6   0.00-13.55  8.56 0.00         0.00     0.000 1.00              28 .40   3.55 L
                                 S         28.27 14.72 14.98 0.00 -0.26  1.08S     0.199
SRN  AC HHZ    62.6 284  61  P      25.11 11.56 11.66 0.00 -0.10  1.08      0.220 1.00  38  3.02 D
SRN  AC HHN    62.6 284  61      6   0.00-13.55 11.66 0.00         0.00     0.000 1.00             8.2 .40   3.25 L
                                 S         33.66 20.11 20.40 0.00 -0.29  1.08S     0.312
KBN  AC HHZ    96.6   3  57  P      30.64 17.09 17.58 0.00 -0.49  1.06      0.182 1.00  49  3.27 D
KBN  AC HHN    96.6   3  57      6   0.00-13.55 17.58 0.00         0.00     0.000 1.00             4.5 .54   3.33 L
                                 S         44.85 31.30 30.76 0.00  0.43  1.04S     0.195
LKD2 AC HHZ   107.4 183  53  P      33.13 19.58 19.37 0.00  0.21  1.08      0.279
LKD2 AC HHN   107.4 183  53  S      47.29 33.74 33.90 0.00 -0.16  1.08S     0.545
FNA  AC HHZ   127.4  26  46  P      35.70 22.15 22.54 0.00 -0.39  1.08      0.179
FNA  AC HHN   127.4  26  46  S      52.96 39.41 39.44 0.00 -0.03  1.08S     0.427
VLO  AC HHZ   130.6 308  46  P      37.55 24.00 23.00 0.00  1.00* 0.21      0.003
VLO  AC HHE   130.6 308  46  S      54.02 40.47 40.25 0.00  0.22  1.08S     0.273
BPA2 AC HHZ   142.8 320  46  P      39.82 26.27 24.77 0.00  0.50* 0.00      0.000
TIR  AC HHZ   190.9 339  39  P      45.10 31.55 31.17 0.00  0.38  1.08      0.078
SCTE AC HHZ   195.3 282  39  P      44.48 30.93 31.73 0.00 -0.80* 0.60      0.023
SCTE AC HHE   195.3 282  39      6  60.00 46.45 31.73 0.00         0.00     0.000 1.00              0.91 .37   3.29 L
                                 S         68.92 55.37 55.53 0.00 -0.16  1.08S     0.374
BCI  AC HHZ   295.0 350  38  P      59.61 46.06 44.14 0.00  0.92* 0.00      0.000
BCI  AC HHE   295.0 350  38      6  60.00 46.45 44.14 0.00         0.00     0.000 1.00              0.75 .37   3.66 L
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YEAR MO DA  --ORIGIN--  --LAT N-  --LON W-- DEPTH   RMS   ERH   ERZ   XMAG  FMAG  PMAG
2016-11-18  1741 27.01  39 44.07  20E45.67   3.00  0.72  0.14  0.19        3.40  3.4
                                                                                        SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T L F X
  20   30  43.4  Atl  215   6   0  20  10  20       #       0.00  0.00 L   8.00  0.17 D

1 18 NOV 2016, 17:41  SEQUENCE NO.   1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<   3.84 138 56>-<   2.01 303 32>-<   1.20  38  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
IGT  AC HHZ     43.4 239  61  P    34.98  7.97  8.56 0.00 -0.59* 1.09      0.322
IGT  AC HHE     43.4 239  61  S    41.54 14.53 14.98 0.00 -0.45  1.09S     0.521
LSK  AC HHZ     48.2 344  61  P    35.85  8.84  9.40 0.00 -0.56* 1.09      0.225 1.00  43    3.12 D
LSK  AC HHE     48.2 344  61  S    42.98 15.97 16.45 0.00 -0.48  1.09S     0.299
SRN  AC HHZ     67.1 285  61  P    38.49 11.48 12.73 0.00 -0.25* 0.71      0.094 1.00  76    3.61 D
SRN  AC HHE     67.1 285  61  S    48.25 21.24 22.28 0.00 -0.04* 0.97S     0.292
KBN  AC HHZ     98.8   1  57  P    45.15 18.14 18.25 0.00 -0.11  1.09      0.190 1.00  48    3.25 D
KBN  AC HHN     98.8   1  57  S    57.95 30.94 31.94 0.00 -0.00* 1.00S     0.153
FNA  AC HHZ    127.8  24  50  P    49.31 22.30 22.97 0.00 -0.67* 1.09      0.250
FNA  AC HHE    127.8  24  50  S    66.26 39.25 40.20 0.00 -0.95* 1.04S     0.355
VLO  AC HHZ    135.3 308  46  P    52.19 25.18 24.07 0.00  0.11* 0.88      0.057 1.00  40    3.13 D
VLO  AC HHN    135.3 308  46  S    69.36 42.35 42.12 0.00  0.23  1.09S     0.193
BPA1 AC HHZ    144.6 320  46  P    53.41 26.40 25.42 0.00  0.98* 1.01      0.072 1.00  53    3.38 D
BPA1 AC HHE    144.6 320  46  S    71.54 44.53 44.49 0.00  0.04  1.09S     0.169
BPA2 AC HHZ    147.2 320  46  P    54.12 27.11 25.80 0.00  0.31* 0.61      0.026 1.00  62    3.51 D
BPA2 AC HHN    147.2 320  46  S    73.10 46.09 45.15 0.00  0.94* 1.04S     0.153
TIR  AC HHZ    194.6 338  39  P    59.85 32.84 32.08 0.00  0.76* 1.09      0.084 1.00  53    3.42 D
TIR  AC HHN    194.6 338  39  S    83.18 56.17 56.14 0.00  0.03  1.09S     0.219
BCI  AC HHZ    298.1 349  38  P    73.23 46.22 44.97 0.00  0.25* 0.70      0.043 1.00  57    3.58 D
BCI  AC HHN    298.1 349  38  S   105.85 78.84 78.70 0.00  0.14  1.09S     0.273


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W-- DEPTH   RMS   ERH   ERZ   XMAG  FMAG  PMAG
2016-11-18  2322 48.05  40 54.63  22E44.22   0.00  0.59  3.12  3.56  5.00        5.0
                                                                                        SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T L F X
  18   26  36.3  Atl  201   6   0  18   8  18       #       5.00  0.09 L   0.00  0.00 D

1 18 NOV 2016, 23:22  SEQUENCE NO.   1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<   4.74  79 48>-<   2.30 198 23>-<   0.85 305 31>

REGION=    Greqi (Greece)
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STA NET COM CR DIST AZM   AN P/S WT    SEC (TOBS -TCAL -DLY  =RES)  WT    SR   INFO   CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
THE  AC HHZ     36.3 148  90 P       55.46  7.41  7.26 0.00  0.15 1.16       0.356
THE  AC HHE     36.3 148  90 S       60.39 12.34 12.70 0.00 -0.36 1.16S      0.675
FNA  AC HHZ    115.0 264  53 P       67.72 19.67 20.94 0.00 -0.27 0.57       0.117
FNA  AC HHE    115.0 264  53 S       83.66 35.61 36.64 0.00 -0.03 0.93S      0.442
KBN  AC HHZ    167.7 260  39 P       76.06 28.01 28.68 0.00 -0.67* 1.16      0.118
KBN  AC HHN    167.7 260  39    6    60.00 11.95 28.68 0.00        0.00      0.000 1.00              1031.17   5.17 L
                            S       98.19 50.14 50.19 0.00 -0.05 1.16S      0.168
LSK  AC HHZ    199.9 246  39 P       80.65 32.60 32.76 0.00 -0.16 1.16       0.095
LSK  AC HHE    199.9 246  39    6    60.00 11.95 32.76 0.00        0.00      0.000 1.00                44 .74   5.00 L
                            S      105.67 57.62 57.33 0.00  0.29 1.16S      0.272
TIR  AC HHZ    246.1 283  38 P       86.30 38.25 38.55 0.00 -0.30 1.16       0.183
TIR  AC HHE    246.1 283  38    6    60.00 11.95 38.55 0.00        0.00      0.000 1.00               241.44   4.97 L
                            S      116.47 68.42 67.46 0.00  0.96* 1.03S      0.150
SRN  AC HHZ    259.0 245  38 P       89.37 41.32 40.15 0.00  1.17* 0.74      0.034
SRN  AC HHE    259.0 245  38    6    60.00 11.95 40.15 0.00        0.00      0.000 1.00               191.39   4.91 L
                            S      118.69 70.64 70.26 0.00  0.38 1.16S      0.290
BPA1 AC HHZ    260.8 267  38 P       89.18 41.13 40.37 0.00  0.76* 1.16      0.122
BPA2 AC HHZ    263.9 267  38 P       89.37 41.32 40.75 0.00  0.57* 1.16      0.124
BCI  AC HHZ    275.0 307  38 P       88.62 40.57 42.12 0.00 -0.55* 0.19      0.010
BCI  AC HHE    275.0 307  38    6   120.00 71.95 42.12 0.00        0.00      0.000 1.00               321.53   5.21 L
                            S      122.17 74.12 73.71 0.00  0.41 1.16S      0.633
VLO  AC HHZ    278.4 261  38 P       91.85 43.80 42.54 0.00  1.26* 0.60      0.028
VLO  AC HHE    278.4 261  38 S      122.03 73.98 74.44 0.00 -0.47 1.16S      0.172




YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS    ERH   ERZ   XMAG  FMAG  PMAG
2016-11-22  0925 41.48  39 45.45   20E42.71   4.15  0.03   0.50  1.50  2.43  2.90  2.4
                                                                                    SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  7   10   44.6  Atl  157   9   0   6   3   7             2.00  0.20 L   2.00  0.14 D

1 22 NOV 2016,  9:25  SEQUENCE NO.    1, ID NO.          0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.52 195 81>-<   0.50 296   1>-<   0.41  27   8>


REGION= Greqi (Greece)


STA NET COM CR DIST AZM  AN P/S WT    SEC (TOBS -TCAL -DLY  =RES)  WT    SR   INFO   CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
LSK  AC HHZ     44.6 348 61 P       49.82  8.34  8.38 0.00 -0.04 1.00       0.606 1.00 39   3.03 D
LSK  AC HHN     44.6 348 61    6     0.00-41.48  8.38 0.00        0.00      0.000 1.00                 3.3 .80   2.62 L
                            S       56.19 14.71 14.66 0.00  0.04 1.00S      0.445
SRN  AC HHZ     62.4 283 61 P       52.32 10.84 11.51 0.00 -0.67* 0.00      0.000 1.00 28   2.76 D
SRN  AC HHN     62.4 283 61    6    60.00 18.52 11.51 0.00        0.00      0.000 1.00                0.78 .50   2.23 L
```

```
                     S        61.60 20.12 20.14 0.00 -0.02 1.00S     0.918
LKD2 AC HHZ   107.6 183  53 P        60.75 19.27 19.26 0.00  0.01 1.00      0.842
FNA  AC HHZ   127.3  26  46 P        63.83 22.35 22.34 0.00  0.01 1.00      0.316
FNA  AC HHE   127.3  26  46 S        80.54 39.06 39.10 0.00 -0.03 1.00S     0.869




YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-11-26  0343 56.45  39 22.00  20E48.21   2.01  0.29  0.85  1.34  3.70  3.91  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
  20   28  44.7  Atl 175  10   0  19   8  20       #       5.00  0.06 L    4.00  0.07 D

1 26 NOV 2016,  3:43  SEQUENCE NO.    1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.39 231 74>-<   0.87  93 11>-<   0.49   1 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
IGT  AC HHZ    44.7 295  61 P        65.24  8.79  8.79 0.00  0.00 1.16      0.199
IGT  AC HHE    44.7 295  61 S        72.14 15.69 15.38 0.00  0.31 1.16S     0.442
LKD2 AC HHZ    65.4 192  61 P        68.62 12.17 12.42 0.00 -0.25 1.16      0.339
LKD2 AC HHN    65.4 192  61 S        78.15 21.70 21.74 0.00 -0.03 1.16S     0.639
LSK  AC HHZ    88.7 349  61 P        72.38 15.93 16.52 0.00 -0.29 1.16      0.100 1.00  91    3.79 D
LSK  AC HHE    88.7 349  61    6 60.00  3.55 16.52 0.00       0.00      0.000 1.00                  24 .66   3.99 L
                     S        85.45 29.00 28.91 0.00  0.09 1.16S     0.221
SRN  AC HHZ    89.5 310  61 P        72.83 16.38 16.65 0.00 -0.27 1.16      0.195 1.00 105    3.91 D
SRN  AC HHE    89.5 310  61    6 60.00  3.55 16.65 0.00       0.00      0.000 1.00                  11 .30   3.64 L
                     S        85.03 28.58 29.14 0.00 -0.46 0.79S     0.145
KBN  AC HHZ   139.6   0  46 P        81.43 24.98 24.69 0.00  0.29 1.16      0.189
KBN  AC HHE   139.6   0  46    6 60.00  3.55 24.69 0.00       0.00      0.000 1.00                 5.2 .68   3.70 L
                     S        99.11 42.66 43.21 0.00 -0.25 0.82S     0.113
FNA  AC HHZ   164.7  17  39 P        83.89 27.44 28.30 0.00 -0.86* 0.05     0.000
FNA  AC HHE   164.7  17  39 S       106.22 49.77 49.52 0.00  0.25 1.16S     0.399
VLO  AC HHZ   165.8 318  39 P        85.10 28.65 28.44 0.00  0.21 1.16      0.066 1.00  96    3.90 D
VLO  AC HHN   165.8 318  39    6 60.00  3.55 28.44 0.00       0.00      0.000 1.00                  11 .69   4.20 L
                     S       106.33 49.88 49.77 0.00  0.11 1.16S     0.344
BPA1 AC HHZ   179.7 328  39 P        87.22 30.77 30.19 0.00  0.58* 0.73     0.028
BPA2 AC HHZ   182.1 327  39 P        87.52 31.07 30.50 0.00  0.57* 0.76     0.030
SCTE AC HHZ   215.2 293  39 P        91.07 34.62 34.69 0.00 -0.07 1.16      0.081
TIR  AC HHZ   234.0 341  38 P        93.66 37.21 37.05 0.00  0.16 1.16      0.089 1.00 115    4.12 D
TIR  AC HHE   234.0 341  38    6 120.00 63.55 37.05 0.00      0.00      0.000 1.00                 1.4 .81   3.68 L
                     S       121.03 64.58 64.84 0.00 -0.26 1.16S     0.271
BCI  AC HHZ   338.9 350  38 P       106.88 50.43 50.00 0.00  0.43 1.10      0.101
```

```
YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH  RMS   ERH   ERZ   XMAG  FMAG  PMAG
2016-11-29  2209 11.95  40 22.98  20E57.88   1.88  0.16  0.46  0.71  2.44  2.50  2.5
                                                                                    SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  16   23  30.7  Atl 173   9   0  14   7  15                 4.00  0.24 L    3.00  0.04 D

1 29 NOV 2016, 22:09  SEQUENCE NO.   1, ID NO.        0
ERROR ELLIPSE: <SERR AZ DIP>-<   0.73 350 77>-<   0.46 113  6>-<   0.27 206 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
KBN AC HHZ     30.7 331  93 P     18.24  6.29  6.14 0.00  0.15 1.21     0.360 1.00  21   2.46 D
KBN AC HHN     30.7 331  93    6   0.00-11.95  6.14 0.00        0.00    0.000 1.00              5.3 .47   2.69 L
                     S     22.69 10.74 10.74 0.00 -0.01 1.21S    0.556
LSK AC HHZ     40.5 231  61 P     19.44  7.49  7.88 0.00 -0.39 0.58     0.045 1.00  21   2.50 D
LSK AC HHN     40.5 231  61    6   0.00-11.95  7.88 0.00        0.00    0.000 1.00              4.0 .34   2.66 L
                     S     25.48 13.53 13.79 0.00 -0.26 1.16S    0.218
FNA AC HHZ     56.7  38  61 P     22.74 10.79 10.73 0.00  0.06 1.21     0.333
FNA AC HHE     56.7  38  61 S     30.66 18.71 18.78 0.00 -0.07 1.21S    0.630
SRN AC HHZ     99.4 237  57 P     30.07 18.12 18.15 0.00 -0.03 1.21     0.159 1.00  24   2.67 D
SRN AC HHN     99.4 237  57 S     43.99 32.04 31.76 0.00  0.28 1.09S    0.182
SRN AC HHE     99.4 237  57    6   0.00-11.95 18.15 0.00        0.00    0.000 1.00             0.23 .47   2.06 L
IGT AC HHZ    109.0 211  53 P     31.68 19.73 19.75 0.00 -0.02 1.21     0.227
IGT AC HHN    109.0 211  53 S     46.69 34.74 34.56 0.00  0.18 1.21S    0.310
BPA1 AC HHE   117.1 290  53 S     48.84 36.89 36.84 0.00  0.05 1.21S    0.385
BPA1 AC HHZ   117.1 290  53 P     32.71 20.76 21.05 0.00 -0.29 1.08     0.077
BPA2 AC HHZ   120.3 290  53 P     33.05 21.10 21.58 0.00 -0.48 0.17     0.001
TIR AC HHZ    141.7 320  46 P     37.27 25.32 24.74 0.00  0.58* 0.00    0.000
TIR AC HHN    141.7 320  46    6   0.00-11.95 24.74 0.00        0.00    0.000 1.00             0.17 .51   2.22 L
                     S     55.24 43.29 43.29 0.00 -0.01 1.21S    0.510
```

Tërmete të largëta   (Long distance earthquake)

```
Y   M   D   HM   Sec     Lat      Long   Dep  Net Nr Rms Mag    Epicenter
2016-11-13  1102 58.40                                    7.9     South Island Of New Zealand
GAP=                         hor.err=          ver.err=

STAT SP IPHASW D HRMM SECON            AZIMU RES    DIS    DUR    Md
VLO   AC iP              1122 50.27
LSK   AC iP         1122 52.36
THE   AC iP         1122 58.27
KBN   AC iP               1122 59.11
SRN   AC iP         1123 00.58
TIR   AC iP         1123 01.65
FNA   AC iP         1123 02.49
SCTE  AC iP         1123 03.33
BCI   AC iP         1123 12.62
```

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

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

2016 11 05  0936 18.85                                    PHP
GAP=                         hor.err=          ver.err=

STAT SP IPHASW D HRMM SECON            AZIMU RES    DIS    DUR    Md
SRN   SZ IPG       0936 18.85
SRN   SE ISG       0936 20.68




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

2016 11 05  2010 02.12                                    PHP
GAP=                         hor.err=          ver.err=
```

```
STAT SP IPHASW D HRMM SECON          AZIMU RES    DIS    DUR    Md
PHP   SZ IPG       2010 02.12
PHP   SE ISG       2010 04.06



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

2016 11 12   0411 27.20                                        VLO
GAP=                    hor.err=         ver.err=

STAT SP IPHASW D HRMM SECON          AZIMU RES    DIS    DUR    Md
VLO   SZ IPG       0411 27.20
VLO   SE ISG       0411 27.40



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

2016 12 12   0635 54.08                                        VLO
GAP=                    hor.err=         ver.err=

STAT SP IPHASW D HRMM SECON          AZIMU RES    DIS    DUR    Md
VLO   SZ IPG       0635 54.00
VLO   SE ISG       0635 55.00
```

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

Ngjarja 1 (Event 1):

Datë 04.11.2016, në orën 05:08:52.97(UTC); (06:49:08.52.97 ora lokale); lokalizuar 41.87V; 19.96L, në reps te Mirditës; Intensiteti i tërmetit në epiqendër I_0= V ballë (EMS-98); Ndjerë: V ballë në qytetin e Kurbneshit, IV ballë ne qytetet e Lezhës, Burrelit, Lacit dhe Pukes, III-IV ballë ne Kukes, Shkoder, Peshkopi dhe Kruje, III ballë ne Tiranë, Durrës dhe B.Curri .
(Intensity I0 = V-VI degree EMS-98, felt V degree at Kurbneshi town, IV at Lezha, Burreli, Laci and Puka towns, III-IV at Kukesi, Shkodra, Peshkopia and Kruja towns, III at Tirana, Durrsi and B.Curri towns).

Shënim: Intensiteti i tërmetit në epiqendër I_0 është përcaktuar nga relacioni $I_0 = (Mag (M_{L/d}) - 1)/0.6$
Note: The earthquake Intensity in epicenter I_0 is derived from the relation $I_0 = (Mag (ML/d) - 1)/0.6$
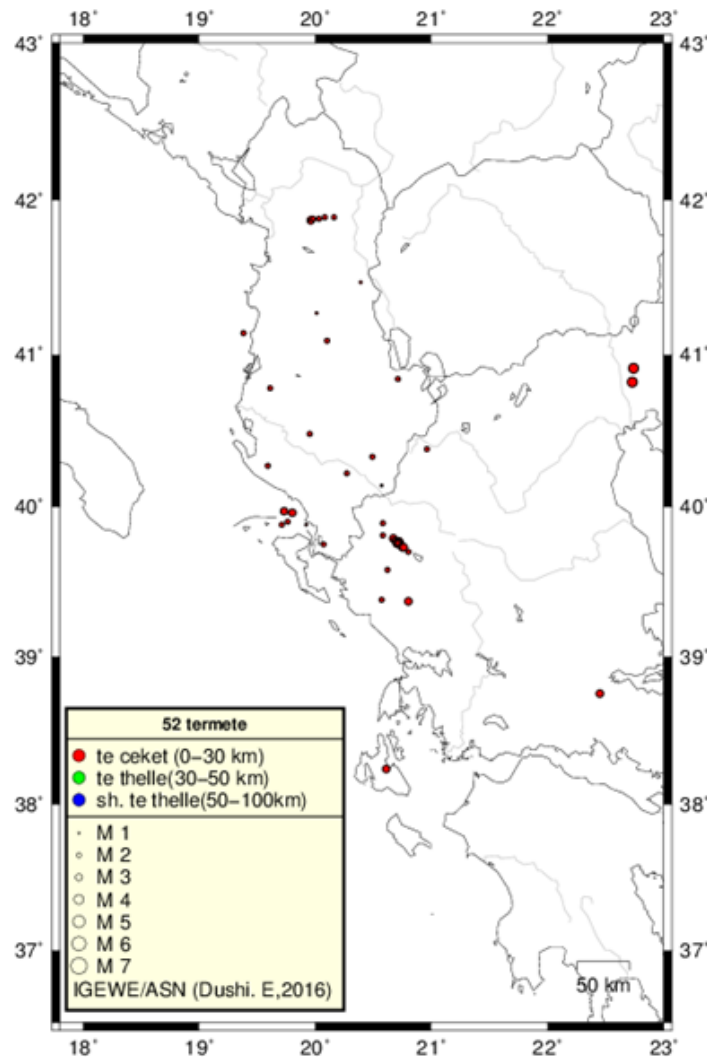
-Fig. 3 -
Harta e shpërndarjes në hapësirë të epiqendrave, në përputhje me magnitude (madhësia e simbolit) dhe thellësinë (ngjyra e simbolit); Ngjarjet janë lokalizuar gjatë muajit Nentor 2016, bazuar në regjistrimet e ASN dhe stacioneve sizmologjike në rajon.
(*Epicentral map for located seismicity within Albania and surrounding during November 2016*)

Statistika e ngjarjeve (Events Statistics)

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

Të dhënat përfaqësuese	Representative Parameters	Vlerat (observed values)
Numuri i përgjitshëm i ngjarjeve të regjistruara *(kuandrati 39_0-43_0 V; 18.5_0-21.5_0L)*	[total recorded number of seismic events]	47
Numuri i ngjarjeve sizmike brenda kufirit shtetëror	[earthquakes occurred within state border]	23
Thellësia mesatare e vrojtuar (km)	[mean observed depth]	4
Thellësia maksimale e vrojtuar (km)	[maximum observed depth]	18
Magnituda lokale minimale e vrojtuar ($M_{L/d}$)	[minimum observed local magnitude]	1.5
Magnituda lokale maksimale e vrojtuar ($M_{L/d}$)	[maximum observed local magnitude]	4.0
Intensiteti maksimal i vrojtuar (MSK-64)	[maximum observed intensity]	V

REFERENCA (*References*)

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