-

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

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

BULETINI SIZMOLOGJIK

Maj 2017

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

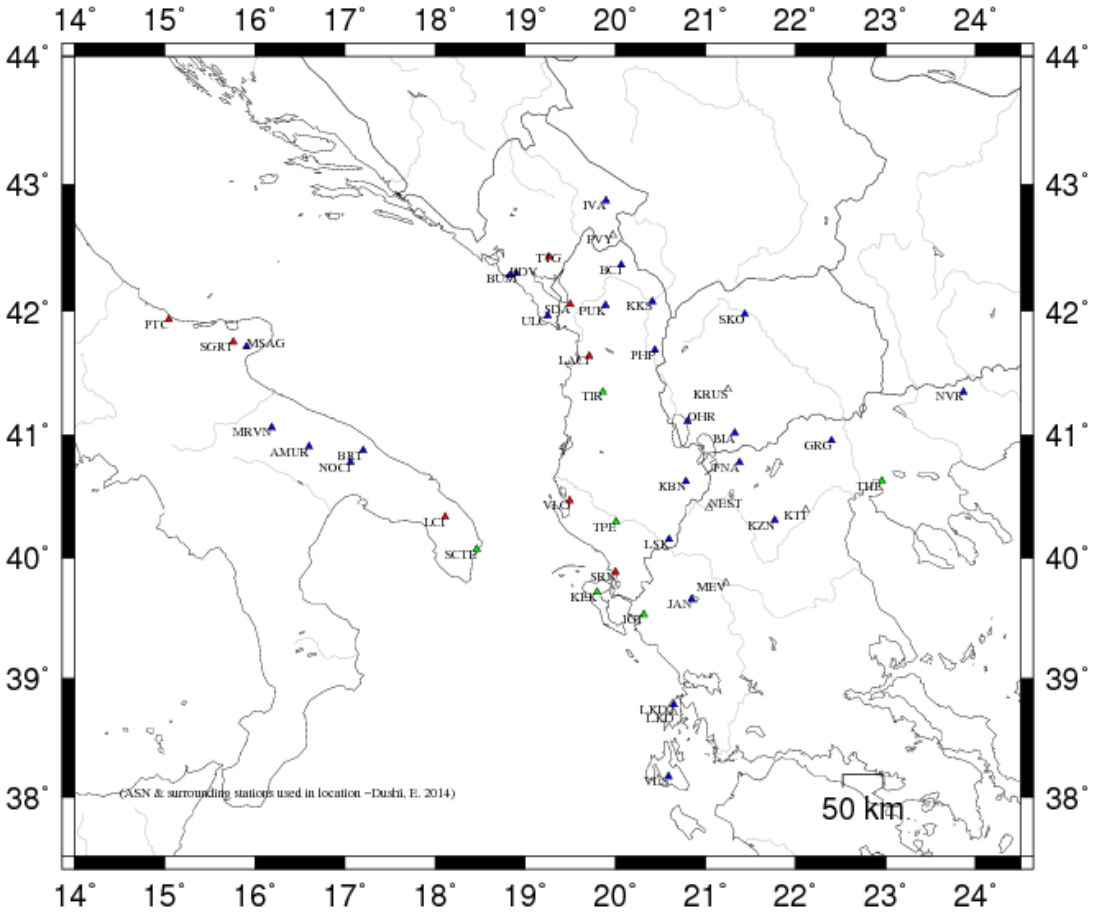
Kodi	**Regjistruar (Po/Jo)**	**Gjer. Gjeo.**	**Gjat. Gjeo.**	**Lartesia**	**Tipi i stacionit**	**Sensori**	**Terheqja e Informacionit**	**Komunikimi**	**T_0**
Station Code	**Registered (WDC)**	**Latitude (degree)**	**Longitude (degree)**	**Elev. (m)**	**Station type**	**Sensor type**	**Acquisition system**	**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. <u>Informacioni gjithpërfshirës i kreut të ngjarjes (EVENT HEADER INFORMATION)</u>

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. <u>Informacioni parametrik i ngjarjes (EVENT PARAMETRIC DATA)</u>

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
 2017-05-02  2247 48.24  41 58.92   20E 9.63   5.21  0.10  0.69  0.03        2.71  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
   10   15  40.4  Atl  152   6   0   9   5  10      -       0.00  0.00 L    3.00  0.00 D

 2 MAY 2017, 22:47  SEQUENCE NO.    1, ID NO.         0
 ERROR ELLIPSE: <SERR AZ DIP>-<  15.03   0 90>-<   0.69 254  0>-<   0.29 344  0>

 REGION=  Klos, Rajoni Mirdites (Klos, 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    40.4 144  90  P     55.94  7.70  8.01 0.00 -0.31  0.47     0.105 1.00  23   2.71 D
 PHP  AC HHN    40.4 144  90  S     62.29 14.05 14.02 0.00  0.03  1.12S    0.320
 BCI  AC HHZ    43.4 350  90  P     56.76  8.52  8.49 0.00  0.03  1.12     0.405 1.00  35   3.07 D
 BCI  AC HHE    43.4 350  90  S     63.14 14.90 14.86 0.00  0.04  1.12S    0.612
 TIR  AC HHZ    74.6 200  90  P     61.44 13.20 13.47 0.00 -0.27  0.71     0.891 1.00  22   2.71 D
 TIR  AC HHE    74.6 200  90  S     71.88 23.64 23.57 0.00  0.07  1.12S    0.897
 KBN  AC HHZ   159.7 160  90  P     75.97 27.73 27.04 0.00  0.00  0.00     0.012
 KBN  AC HHN   159.7 160  90  S     95.61 47.37 47.32 0.00  0.05  1.12S    0.238
 FNA  AC HHZ   168.0 142  90  P     76.48 28.24 28.37 0.00 -0.13  1.12     0.171
 FNA  AC HHE   168.0 142  90  S     97.93 49.69 49.65 0.00  0.04  1.12S    0.344



 YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
 2017-05-04  0858 13.30  42  0.28   20E18.86   0.00  0.65  2.25  3.41  3.38  3.38  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
   15   21  37.1  Atl  172   6   0  15   6  15      #       4.00  0.34 L    4.00  0.27 D

 4 MAY 2017,  8:58  SEQUENCE NO.    1, ID NO.         0
 ERROR ELLIPSE: <SERR AZ DIP>-<   3.79  75 64>-<   2.50 254 25>-<   0.96 164  0>
```

REGION= 13 km JP të Kukësit, Rajoni Kukësit (13 km SW of Kukesi, Kukësi Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
PHP	AC	HHZ		37.1	163	61	P		21.00	7.70	7.59	0.00	0.11	1.18		0.307	1.00	20 2.45 D	
PHP	AC	HHN		37.1	163	61		6	0.00	-13.30	7.59	0.00		0.00		0.000	1.00		16 .21 3.23 L
							S		27.00	13.70	13.28	0.00	0.42	1.18S		0.340			
BCI	AC	HHZ		45.1	334	51	P		22.44	9.14	9.01	0.00	0.13	1.18		0.371			
BCI	AC	HHE		45.1	334	51	S		29.06	15.76	15.77	0.00	-0.01	1.18S		0.743			
TIR	AC	HHZ		82.0	208	51	P		28.21	14.91	15.35	0.00	-0.44	1.18		0.275	1.00	48 3.24 D	
TIR	AC	HHN		82.0	208	51		6	0.00	-13.30	15.35	0.00		0.00		0.000	1.00		2.0 .31 2.86 L
							S		39.57	26.27	26.86	0.00	-0.59*	1.18S		0.639			
BPA1	AC	HHZ		152.6	202	46	P		39.85	26.55	27.48	0.00	-0.93*	1.15		0.154			
BPA2	AC	HHZ		153.0	203	46	P		41.51	28.21	27.55	0.00	0.66*	1.18		0.167			
KBN	AC	HHZ		158.4	165	46	P		42.54	29.24	28.40	0.00	0.84*	1.17		0.158			
KBN	AC	HHN		158.4	165	46		6	60.00	46.70	28.40	0.00		0.00		0.000	1.00		2.6 .83 3.52 L
							S		61.32	48.02	49.70	0.00	-1.68*	0.27S		0.035			
FNA	AC	HHZ		162.6	146	46	P		40.94	27.64	29.08	0.00	-1.44*	0.58		0.083			
LSK	AC	HHZ		207.4	173	46	P		50.61	37.31	36.21	0.00	1.10*	1.03		0.093	1.00	80 3.78 D	
LSK	AC	HHN		207.4	173	46		6	60.00	46.70	36.21	0.00		0.00		0.000	1.00		3.7 .98 3.96 L
							S		77.16	63.86	63.37	0.00	0.49	1.18S		0.518			
SRN	AC	HHZ		237.4	187	37	P		53.30	40.00	40.66	0.00	-0.66*	1.18		0.084	1.00	56 3.51 D	
SRN	AC	HHN		237.4	187	37	S		86.20	72.90	71.15	0.00	1.74*	0.22S		0.025			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017-	05-	04	1910 4.60	40 39.50	19E41.37	16.61	0.22	0.98	1.14		1.87	1.9

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	SOURCE L F X
10	15	7.7	Atl	177	9	0	9	5	10		0.00 0.00 L	3.00 0.07 D	

4 MAY 2017, 19:10 SEQUENCE NO.   1, ID NO.   0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.50 352 49>-<   0.87 85 2>-<   0.47 177 40>

REGION= Fier, Rajoni Fierit (Fier, Fieri Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
BPA1	AC	HHZ		7.7	339	153	P		8.11	3.51	3.33	0.00	0.18	1.07		0.246	1.00	11 1.87 D	
BPA1	AC	HHN		7.7	339	153	S		10.20	5.60	5.83	0.00	-0.23	1.07S		0.350			
BPA2	AC	HHZ		10.0	324	146	P		8.48	3.88	3.52	0.00	0.36	0.95		0.199	1.00	10 1.80 D	
BPA2	AC	HHN		10.0	324	146	S		10.55	5.95	6.16	0.00	-0.21	1.07S		0.322			
VLO	AC	HHZ		26.7	219	116	P		10.54	5.94	5.68	0.00	0.26	1.06		0.176	1.00	12 2.04 D	
VLO	AC	HHN		26.7	219	116	S		14.52	9.92	9.94	0.00	-0.02	1.07S		0.830			
SCTE	AC	HHZ		122.1	239	71	P		26.85	22.25	21.22	0.00	1.03*	0.00		0.000			
SCTE	AC	HHN		122.1	239	71	S		41.62	37.02	37.13	0.00	-0.11	1.07S		0.925			

```
 IGT  AC HHZ   136.5 156  71  P     27.63 23.03 23.52 0.00 -0.49  0.60     0.157
 IGT  AC HHE   136.5 156  71  S     45.73 41.13 41.16 0.00 -0.03  1.07S    0.791


 YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
 2017-05-06  0041 47.84  40 49.32   19E39.30   8.66  0.27   0.25  0.69        2.65 2.7
                                                                                SOURCE
 NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
   12   18  10.6  Atl  251  14   0  12   6  12              0.00  0.00 L    5.00  0.22 D

 6 MAY 2017,  0:41  SEQUENCE NO.    1, ID NO.         0
 ERROR ELLIPSE: <SERR AZ DIP>-<   1.88 218 64>-<   1.26 323  7>-<   0.57  56 24>

 REGION=  Fier, Rajoni Fierit (Fier, Fieri Region, Albania)

 STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
 BPA2 AC HHZ    10.6 197 121  P     50.34  2.50  2.63 0.00 -0.13  1.14     0.317 1.00  15   2.07 D
 BPA2 AC HHN    10.6 197 121  S     53.00  5.16  4.60 0.00  0.26  0.61S    0.119
 BPA1 AC HHZ    11.0 179 120  P     50.23  2.39  2.68 0.00 -0.29  1.14     0.251 1.00  10   1.73 D
 BPA1 AC HHN    11.0 179 120  S     52.59  4.75  4.69 0.00  0.06  1.14S    0.486
 VLO  AC HHZ    41.5 200  94  P     55.65  7.81  7.78 0.00  0.03  1.14     0.312 1.00  25   2.65 D
 VLO  AC HHE    41.5 200  94  S     61.76 13.92 13.61 0.00  0.30  1.14S    0.568                0.57 .18   1.83 L
SRN  AC HHZ   108.6 164  91  P     66.84 19.00 19.31 0.00 -0.31  1.14     0.122 1.00  25   2.71 D
 SRN  AC HHN   108.6 164  91  S     81.21 33.37 33.79 0.00 -0.42  1.01S    0.391
 LSK  AC HHZ   109.4 132  91  P     68.00 20.16 19.44 0.00  0.72  0.14     0.002 1.00  30   2.87 D
 LSK  AC HHN   109.4 132  91  S     82.17 34.33 34.02 0.00  0.31  1.14S    0.513
 FNA  AC HHN   146.0  91  68  S     92.35 44.51 44.64 0.00 -0.13  1.14S    0.520
 FNA  AC HHZ   146.0  91  68  P     73.68 25.84 25.51 0.00  0.33  1.14     0.394


 YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
 2017-05-08  0712 20.75  41 35.94   20E 5.69   6.09  0.09  0.65 14.59  1.18  2.19  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
    6    9  30.4  Atl  144   7   0   5   3   6      -       2.00  1.18 L    3.00  0.45 D

 8 MAY 2017,  7:12  SEQUENCE NO.    1, ID NO.         0
 ERROR ELLIPSE: <SERR AZ DIP>-<  14.59   0 90>-<   0.65 309  0>-<   0.34  38  0>

 REGION= 5 Km L të Burrelit, Rajoni Burrelit (5 km E of Burreli, Burreli Region, Albania)

 STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
 PHP  AC HHZ    30.4  71  90  P     26.42  5.67  5.84 0.00 -0.17  0.93     0.389 1.00   9   1.74 D
```

```
PHP  AC HHN    30.4  71  90     6   0.00-20.75  5.84 0.00        0.00     0.238 1.00              2.4 .14   2.36 L
                              S     31.08 10.33 10.22 0.00  0.11  1.02S    0.735
TIR  AC HHZ    33.9 215  90  P     27.16  6.41  6.45 0.00 -0.04  1.02     0.808 1.00  15   2.19 D
TIR  AC HHN    33.9 215  90     6   0.00-20.75  6.45 0.00        0.00     0.000 1.00            0.01 .20   0.00 L
                              S     32.07 11.32 11.29 0.00  0.03  1.02S    0.839
BCI  AC HHZ    85.3 359  90  P     36.79 16.04 15.28 0.00  0.76* 0.00     0.000 1.00  29   2.82 D
BCI  AC HHN    85.3 359  90  S     47.51 26.76 26.74 0.00  0.02  1.02S    0.987


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-08  1158 46.34  41  4.13   20E35.88   7.14  0.10  0.93 14.55  2.77  2.52  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
   6    9  52.0  Atl  188  10   0   5   3   6      -       2.00  1.84 L    2.00  0.09 D

8 MAY 2017, 11:58  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<  14.55 238 89>-<   0.93 250  0>-<   0.37 159  0>

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

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
KBN  AC HHZ    52.0 162  91  P     55.95  9.61  9.56 0.00  0.05  1.04     0.691 1.00  19   2.43 D
KBN  AC HHE    52.0 162  91     6  60.00 13.66  9.56 0.00        0.00     0.000 1.00             253 .18   4.60 L
                              S     62.99 16.65 16.73 0.00 -0.08  1.04S    0.899
PHP  AC HHZ    69.6 350  91  P     58.37 12.03 12.61 0.00 -0.58* 0.00     0.000 1.00  23   2.60 D
PHP  AC HHN    69.6 350  91     6  60.00 13.66 12.61 0.00        0.00     0.000 1.00            0.03 .31   0.93 L
                              S     68.36 22.02 22.07 0.00 -0.05  1.04S    1.000
FNA  AC HHZ    73.5 115  91  P     59.83 13.49 13.27 0.00  0.22  0.83     0.510
FNA  AC HHN    73.5 115  91  S     69.49 23.15 23.22 0.00 -0.07  1.04S    0.899


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-08  1519  3.61  41  3.82   20E34.50   2.03  0.39  0.71  1.82  3.05  2.95  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  52.0  Atl  123   8   0  17   9  18      #       0.00  0.00 L    9.00  0.18 D

8 MAY 2017, 15:19  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.82  75 88>-<   0.71 250  1>-<   0.47 341  0>

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

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
```

```
KBN  AC HHZ    52.0 159  51  P     13.78 10.17 10.20 0.00 -0.03  1.14     0.178 1.00  24   2.62 D
KBN  AC HHE    52.0 159  51  S     21.91 18.30 17.85 0.00  0.45  1.14S    0.265
TIR  AC HHZ    67.4 299  51  P     15.22 11.61 12.84 0.00 -0.23  0.00     0.000 1.00  29   2.80 D
TIR  AC HHE    67.4 299  51  S     26.21 22.60 22.47 0.00  0.13  1.14S    0.313
PHP  AC HHZ    69.9 351  51  P     17.45 13.84 13.26 0.00  0.58  1.04     0.187 1.00  28   2.77 D
PHP  AC HHN    69.9 351  51  S     26.52 22.91 23.20 0.00 -0.30  1.14S    0.346                  4.01.00   3.05 L
FNA  AC HHZ    75.0 114  51  P     18.13 14.52 14.14 0.00  0.38  1.14     0.256 1.00  22   2.57 D
FNA  AC HHN    75.0 114  51  S     28.57 24.96 24.74 0.00  0.22  1.14S    0.465
BPA1 AC HHZ    86.2 245  51  P     20.13 16.52 16.06 0.00  0.46  1.14     0.199 1.00  36   3.00 D
BPA1 AC HHN    86.2 245  51  S     32.37 28.76 28.10 0.00  0.65  0.91S    0.231
BPA2 AC HHZ    88.7 246  51  P     19.63 16.02 16.50 0.00 -0.48  1.13     0.196 1.00  34   2.95 D
BPA2 AC HHN    88.7 246  51  S     33.32 29.71 28.88 0.00  0.83  0.48S    0.064
LSK  AC HHZ   101.5 178  51  P     21.60 17.99 18.69 0.00 -0.70  0.80     0.082 1.00  44   3.18 D
LSK  AC HHN   101.5 178  51  S     36.25 32.64 32.71 0.00 -0.07  1.14S    0.245
SRN  AC HHZ   140.2 201  51  P     28.67 25.06 25.34 0.00 -0.28  1.14     0.172 1.00  37   3.07 D
SRN  AC HHN   140.2 201  51  S     47.43 43.82 44.35 0.00 -0.53  1.10S    0.255
BCI  AC HHZ   150.8 344  51  P     30.74 27.13 27.16 0.00 -0.03  1.14     0.214 1.00  40   3.15 D
BCI  AC HHE   150.8 344  51  S     51.36 47.75 47.53 0.00  0.22  1.14S    0.325



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-08  1946 41.82  41  2.15   20E31.31   3.00  0.48  0.90  0.50  2.52  2.61  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   24  51.0  Atl  115   6   0  16   8  16      #       0.00  0.00 L    7.00  0.12 D

8 MAY 2017, 19:46  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   2.52  97 82>-<   0.90 255  6>-<   0.69 344  2>

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

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
KBN  AC HHZ    51.0 153  51  P     51.95 10.13 10.01 0.00  0.12  1.11     0.214 1.00  17   2.33 D
KBN  AC HHN    51.0 153  51  S     60.31 18.49 17.52 0.00  0.97  0.48S    0.104                  2.1 .34   2.49 L
TIR  AC HHZ    65.1 303  51  P     53.86 12.04 12.44 0.00 -0.40  1.11     0.220 1.00  20   2.48 D
TIR  AC HHN    65.1 303  51  S     62.89 21.07 21.77 0.00 -0.70  1.01S    0.230
PHP  AC HHZ    72.4 355  51  P     55.06 13.24 13.70 0.00 -0.46  1.11     0.226 1.00  23   2.61 D
PHP  AC HHN    72.4 355  51  S     66.44 24.62 23.98 0.00  0.64  1.06S    0.360                  1.2 .37   2.54 L
FNA  AC HHZ    77.9 110  51  P     56.39 14.57 14.65 0.00 -0.08  1.11     0.283 1.00  20   2.49 D
FNA  AC HHE    77.9 110  51  S     66.53 24.71 25.64 0.00 -0.93  0.59S    0.229
BPA1 AC HHZ    80.8 245  51  P     56.52 14.70 15.15 0.00 -0.45  1.11     0.223 1.00  25   2.69 D
BPA1 AC HHN    80.8 245  51  S     68.99 27.17 26.51 0.00  0.66  1.05S    0.298
BPA2 AC HHZ    83.3 247  51  P     56.56 14.74 15.58 0.00 -0.84  0.77     0.108 1.00  25   2.69 D
BPA2 AC HHE    83.3 247  51  S     69.28 27.46 27.26 0.00  0.19  1.11S    0.334
```

```
LSK  AC HHZ    98.6 176  51  P     60.20 18.38 18.20 0.00  0.18  1.11     0.194 1.00  32   2.91 D
LSK  AC HHN    98.6 176  51  S     73.62 31.80 31.85 0.00 -0.05  1.11S    0.438
BCI  AC HHZ   152.6 346  46  P     69.68 27.86 27.47 0.00  0.39  1.11     0.174
BCI  AC HHE   152.6 346  46  S     90.57 48.75 48.07 0.00  0.68  1.03S    0.357



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-09  0502 31.56  42 19.51   19E26.44  16.63  0.07  0.13  0.11  1.77  2.51  1.8
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
   7   10  51.9  Atl  283   8   0   6   3   7             0.00  0.00 L    2.00  0.26 D

9 MAY 2017,  5:02  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   2.36  17 63>-<   1.14 118  6>-<   0.52 212 25>

REGION=   Hani Hotit, Rajoni Shkodres (Hani Hotit,  Shkodra 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    51.9  84 100  P     41.28  9.72  9.72 0.00  0.00  1.01     0.512 1.00  14   2.25 D
BCI  AC HHN    51.9  84 100  S     48.61 17.05 17.01 0.00  0.04  1.01S    0.716                 0.361.00   1.77 L
PHP  AC HHZ   109.2 130  71  P     51.02 19.46 19.16 0.00  0.30  0.00     0.000 1.00  24   2.76 D
PHP  AC HHN   109.2 130  71  S     65.01 33.45 33.53 0.00 -0.08  1.01S    0.704
TIR  AC HHZ   114.1 161  71  P     51.40 19.84 19.95 0.00 -0.11  0.97     0.504
TIR  AC HHE   114.1 161  71  S     66.57 35.01 34.91 0.00  0.10  1.01S    0.684
FNA  AC HHZ   235.9 135  51  P     70.01 38.45 38.39 0.00  0.06  1.01     0.878



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-09  0920 46.83  41 15.95   19E57.77  26.78  0.19  0.52  0.78  2.70  2.98  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
  15   22  12.2  Atl   81  14   0  11   6  13             2.00  0.21 L    2.00  0.20 D

9 MAY 2017,  9:20  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   0.94  29 56>-<   0.53 257 23>-<   0.46 157 22>

REGION=  Gurre Ibe, Rajoni Tiranës (Gurre Ibe,  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    12.2 318 153  P     52.19  5.36  5.14 0.00  0.22  1.04     0.281 1.00  27   2.78 D
TIR  AC HHN    12.2 318 153  S     55.65  8.82  8.99 0.00 -0.18  1.04S    0.712
TIR  AC HHE    12.2 318 153     6   0.00-46.83  5.14 0.00        0.00     0.000 1.00              7.2 .23   2.91 L
PHP  AC HHZ    61.3  40 105  P     58.47 11.64 11.51 0.00  0.13  1.04     0.277 1.00  36   3.18 D
```

```
PHP  AC HHN    61.3  40 105  S     66.42 19.59 20.14 0.00 -0.55* 0.64S    0.227
KBN  AC HHN    99.5 135  96  S     77.75 30.92 30.64 0.00  0.28  1.04S    0.331
BCI  AC HHZ   122.6   4  94  P     68.14 21.31 21.16 0.00  0.15  1.04     0.354
BCI  AC HHN   122.6   4  94  S     82.95 36.12 37.03 0.00 -0.91* 0.00S    0.000
FNA  AC HHZ   131.0 113  94  P     69.24 22.41 22.51 0.00 -0.10  1.04     0.160
FNA  AC HHE   131.0 113  94  S     86.18 39.35 39.39 0.00 -0.04  1.04S    0.346
SRN  AC HHZ   153.9 178  76  P     72.76 25.93 26.11 0.00 -0.18  1.04     0.188
SRN  AC HHN   153.9 178  76  S     92.41 45.58 45.69 0.00 -0.11  1.04S    0.399
SRN  AC HHE   153.9 178  76     6  60.00 13.17 26.11 0.00        0.00     0.000 1.00            0.25 .40   2.49 L
NOCI AC HHZ   249.5 259  56  P     87.64 40.81 39.24 0.00  1.57* 0.00     0.000
NOCI AC HHN   249.5 259  56  S    115.51 68.68 68.67 0.00  0.01  1.04S    0.719


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-09  1252 18.89  41  2.83   20E33.01   0.00  0.28  0.52  1.49  3.62  3.31  3.6
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  20   30  51.1  Atl  119   6   0  18   9  20      #       6.00  0.24 L    6.00  0.18 D

9 MAY 2017, 12:52  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.50  73 85>-<   0.52 250  4>-<   0.38 160  0>

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

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
KBN  AC HHN    51.1 156  51     6   0.00-18.89 10.04 0.00        0.00     0.000 1.00               33 .62   3.69 L
                           S     36.25 17.36 17.57 0.00 -0.21  1.05S    0.264
KBN  AC HHZ    51.1 156  51  P     29.10 10.21 10.04 0.00  0.17  1.05     0.169 1.00  36   2.97 D
TIR  AC HHN    66.5 301  51     6   0.00-18.89 12.68 0.00        0.00     0.000 1.00             6.2 .68   3.19 L
                           S     41.04 22.15 22.19 0.00 -0.04  1.05S    0.263
TIR  AC HHZ    66.5 301  51  P     30.55 11.66 12.68 0.00 -0.02  1.00     0.000 1.00  42   3.11 D
PHP  AC HHN    71.4 353  51     6   0.00-18.89 13.53 0.00        0.00     0.000 1.00               12 .98   3.53 L
                           S     42.98 24.09 23.68 0.00  0.41  0.98S    0.308
PHP  AC HHZ    71.4 353  51  P     32.19 13.30 13.53 0.00 -0.23  1.05     0.217 1.00  44   3.16 D
FNA  AC HHZ    76.2 112  51  P     33.58 14.69 14.35 0.00  0.34  1.04     0.217
FNA  AC HHE    76.2 112  51  S     44.19 25.30 25.11 0.00  0.19  1.05S    0.455
BPA1 AC HHZ    83.5 245  51  P     35.04 16.15 15.61 0.00  0.54* 0.69     0.087
BPA1 AC HHN    83.5 245  51  S     46.06 27.17 27.32 0.00 -0.15  1.05S    0.257
BPA2 AC HHZ    86.0 247  51  P     34.49 15.60 16.04 0.00 -0.44  0.95     0.165
BPA2 AC HHE    86.0 247  51  S     47.18 28.29 28.07 0.00  0.22  1.05S    0.259
LSK  AC HHE    99.7 177  51  S     51.36 32.47 32.18 0.00  0.29  1.05S    0.218
LSK  AC HHZ    99.7 177  51  P     36.73 17.84 18.39 0.00 -0.55* 0.69     0.070 1.00  61   3.46 D
VLO  AC HHN   109.8 235  51     6   0.00-18.89 20.13 0.00        0.00     0.000 1.00               17 .43   4.01 L
                           S     55.07 36.18 35.23 0.00  0.95* 0.00S    0.000
```

```
SRN  AC HHN   137.7 200  51     6  60.00 41.11 24.92 0.00        0.00     0.000 1.00              3.9 .69   3.55 L
                              S     62.17 43.28 43.61 0.00 -0.33  1.05S    0.212
SRN  AC HHZ   137.7 200  51  P     43.45 24.56 24.92 0.00 -0.36  1.04     0.166 1.00  75   3.67 D
BCI  AC HHE   152.0 345  51     6  60.00 41.11 27.37 0.00        0.00     0.000 1.00             111.65   4.10 L
                              S     66.93 48.04 47.90 0.00  0.14  1.05S    0.329
BCI  AC HHZ   152.0 345  51  P     46.23 27.34 27.37 0.00 -0.03  1.05     0.211 1.00  57   3.45 D
IGT  AC HHZ   169.3 187  46  P     48.89 30.00 30.15 0.00 -0.15  1.05     0.124


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-09  1258 20.87  41  2.29   20E30.96   5.81  0.29  0.58  1.94  2.60  2.80  2.6
                                                                                  SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  18   27  51.4  Atl  115  12   0  17   9  18              6.00  0.20 L    3.00  0.01 D

9 MAY 2017, 12:58  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.94  52 87>-<   0.58 242  2>-<   0.40 152  0>

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

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
KBN  AC HHZ    51.4 153  62  P     30.67  9.80  9.48 0.00  0.32  1.10     0.171 1.00  30   2.81 D
KBN  AC HHE    51.4 153  62     6   0.00-20.87  9.48 0.00        0.00     0.000 1.00             1.6 .34   2.39 L
                              S     37.72 16.85 16.59 0.00  0.26  1.10S    0.219
TIR  AC HHZ    64.5 303  62  P     32.75 11.88 11.73 0.00  0.15  1.10     0.219 1.00  27   2.74 D
TIR  AC HHN    64.5 303  62     6   0.00-20.87 11.73 0.00        0.00     0.000 1.00            0.81 .25   2.28 L
                              S     41.22 20.35 20.53 0.00 -0.18  1.10S    0.314
PHP  AC HHZ    72.1 356  62  P     33.72 12.85 13.03 0.00 -0.18  1.10     0.268 1.00  29   2.80 D
PHP  AC HHN    72.1 356  62     6   0.00-20.87 13.03 0.00        0.00     0.000 1.00             2.1 .37   2.79 L
                              S     44.36 23.49 22.80 0.00  0.49  0.43S    0.069
FNA  AC HHZ    78.5 111  62  P     35.33 14.46 14.13 0.00  0.33  1.10     0.244
FNA  AC HHN    78.5 111  62  S     45.37 24.50 24.73 0.00 -0.23  1.10S    0.429
BPA2 AC HHZ    83.0 246  62  P     35.36 14.49 14.91 0.00 -0.42  1.06     0.193
BPA2 AC HHN    83.0 246  62  S     47.34 26.47 26.09 0.00  0.38  1.09S    0.310
LSK  AC HHZ    98.9 175  62  P     38.29 17.42 17.64 0.00 -0.22  1.10     0.161
LSK  AC HHN    98.9 175  62     6   0.00-20.87 17.64 0.00        0.00     0.000 1.00             1.0 .34   2.69 L
                              S     51.27 30.40 30.87 0.00 -0.47  0.99S    0.156
SRN  AC HHZ   135.8 199  62  P     44.72 23.85 23.99 0.00 -0.14  1.10     0.172
SRN  AC HHN   135.8 199  62     6  60.00 39.13 23.99 0.00        0.00     0.000 1.00            0.36 .54   2.51 L
                              S     63.20 42.33 41.98 0.00  0.35  1.10S    0.223
BCI  AC HHZ   152.2 346  55  P     48.71 27.84 26.69 0.00  1.15* 0.00     0.000
BCI  AC HHN   152.2 346  55     6  60.00 39.13 26.69 0.00        0.00     0.000 1.00            0.60 .83   2.84 L
                              S     67.61 46.74 46.71 0.00  0.03  1.10S    0.538
IGT  AC HHZ   168.0 186  55  P     50.86 29.99 29.22 0.00  0.77* 0.22     0.004
```

```
IGT  AC HHE   168.0 186  55  S     71.78 50.91 51.13 0.00 -0.22  1.10S    0.302


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-10  1744  8.03  40 51.79   19E45.01  20.34  0.12  0.37 16.23  2.24  2.55  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
  22   32  17.5  Atl  136   8   0  19  10  21      -       6.00  0.11 L    5.00  0.12 D

10 MAY 2017, 17:44  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<  16.23   0 90>-<   0.37 295  0>-<   0.24  24  0>

REGION= Fier-Shegan, Rajoni Fierit (Fier-Shegan, Fieri Region, Albania)


STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
BPA1 AC HHZ    17.5 208  90  P     12.48  4.45  4.35 0.00  0.10  1.10     0.091 1.00  15   2.23 D
BPA1 AC HHE    17.5 208  90  S     15.72  7.69  7.61 0.00  0.08  1.10S    0.157
BPA2 AC HHZ    18.5 217  90  P     12.66  4.63  4.51 0.00  0.12  1.10     0.106 1.00  19   2.43 D
BPA2 AC HHN    18.5 217  90  S     15.97  7.94  7.89 0.00  0.05  1.10S    0.187
VLO  AC HHZ    48.8 207  90  P     17.78  9.75  9.35 0.00  0.40  0.21     0.003 1.00  21   2.63 D
VLO  AC HHE    48.8 207  90     6   0.00 -8.03  9.35 0.00        0.00     0.000 1.00              3.8 .15   2.77 L
                            S     24.13 16.10 16.36 0.00 -0.26  0.91S    0.107
TIR  AC HHZ    54.7  10  90  P     18.07 10.04 10.29 0.00 -0.25  0.96     0.142 1.00  19   2.55 D
TIR  AC HHN    54.7  10  90     6   0.00 -8.03 10.29 0.00        0.00     0.000 1.00            0.47 .40   1.93 L
                            S     26.07 18.04 18.01 0.00  0.03  1.10S    0.330
LSK  AC HHZ   107.0 137  90  P     26.67 18.64 18.63 0.00  0.01  1.10     0.099
LSK  AC HHN   107.0 137  90     6   0.00 -8.03 18.63 0.00        0.00     0.000 1.00            0.41 .51   2.38 L
                            S     40.68 32.65 32.60 0.00  0.05  1.10S    0.245
PHP  AC HHZ   108.0  32  90  P     25.68 17.65 18.80 0.00 -1.15* 0.00     1.000 1.00  26   2.87 D
PHP  AC HHN   108.0  32  90     6   0.00 -8.03 18.80 0.00        0.00     0.000 1.00            0.29 .28   2.24 L
                            S     40.98 32.95 32.90 0.00  0.05  1.10S    0.273
SRN  AC HHZ   111.2 168  90  P     27.30 19.27 19.31 0.00 -0.04  1.10     0.074
SRN  AC HHE   111.2 168  90     6   0.00 -8.03 19.31 0.00        0.00     0.000 1.00            0.28 .34   2.24 L
                            S     41.76 33.73 33.79 0.00 -0.06  1.10S    0.158
FNA  AC HHZ   138.1  93  90  P     31.32 23.29 23.60 0.00 -0.31  0.70     0.052
FNA  AC HHE   138.1  93  90  S     49.41 41.38 41.30 0.00  0.08  1.10S    0.297
SCTE AC HHZ   139.4 232  90  P     30.77 22.74 23.79 0.00 -1.05* 0.00     0.000
SCTE AC HHE   139.4 232  90  S     49.65 41.62 41.63 0.00 -0.01  1.10S    0.258
SCTE AC HHN   139.4 232  90     6   0.00 -8.03 23.79 0.00        0.00     0.000 1.00            0.15 .34   2.16 L
IGT  AC HHZ   155.9 161  90  P     34.73 26.70 26.43 0.00  0.27  0.84     0.046
IGT  AC HHE   155.9 161  90  S     54.14 46.11 46.25 0.00 -0.14  1.10S    0.175
BCI  AC HHZ   169.1   8  90  P     36.55 28.52 28.53 0.00 -0.01  1.10     0.190
```

```
YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-10  1803 44.15  40 52.50   19E42.14  4.46   0.16  0.98  2.16        2.13  2.1
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  11   17  17.3  Atl  289  12   0   9   5  11      -       0.00  0.00 L    3.00  0.06 D

10 MAY 2017, 18:03  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<  18.16   0 90>-<   0.98 193  0>-<   0.70 102  0>

REGION= 7 Km J të Lushnjes, Rajoni Lushnjes (7 Km S of Lushnje, Lushnja Region, Albania)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
BPA1 AC HHZ    17.3 194  90  P     48.59  4.44  4.33 0.00  0.11  1.22     0.926 1.00  12   2.07 D
BPA1 AC HHN    17.3 194  90  S     51.82  7.67  7.58 0.00  0.09  1.22S    0.269
BPA2 AC HHZ    17.6 204  90  P     48.76  4.61  4.37 0.00  0.24  1.19     0.344 1.00  13   2.13 D
BPA2 AC HHN    17.6 204  90  S     52.01  7.86  7.65 0.00  0.21  1.22S    0.258
VLO  AC HHZ    48.4 202  90  P     53.97  9.82  9.28 0.00  0.54* 0.04     0.000 1.00  15   2.37 D
VLO  AC HHN    48.4 202  90  S     60.28 16.13 16.24 0.00 -0.11  1.22S    0.257
SRN  AC HHE   113.3 166  90  S     78.33 34.18 34.39 0.00 -0.21  1.22S    0.510
SCTE AC HHZ   137.1 231  90  P     67.40 23.25 23.43 0.00 -0.18  1.22     0.434
SCTE AC HHE   137.1 231  90  S     85.03 40.88 41.00 0.00 -0.12  1.22S    0.468
IGT  AC HHZ   158.5 160  90  P     70.99 26.84 26.84 0.00  0.00  1.22     0.496
IGT  AC HHE   158.5 160  90  S     90.58 46.43 46.97 0.00 -0.54* 0.02S    0.000



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-12  0203 11.27  39 55.01   19E46.80  28.81  0.26  0.09  0.50  2.81  3.13  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
  20   30  19.3  Atl  237  12   0  18   9  20              0.00  0.00 L    7.00  0.11 D

12 MAY 2017,  2:03  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.20 208 24>-<   0.65  91 43>-<   0.49 318 36>

REGION=  19 km VP të Sarandës, Rajoni Sarandës (19 km NW 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    19.3 102 143  P     17.18  5.91  6.01 0.00 -0.10  1.19     0.332 1.00  22   2.66 D
SRN  AC HHN    19.3 102 143  S     22.02 10.75 10.52 0.00  0.23  1.19S    0.441
VLO  AC HHZ    65.9 339 106  P     23.40 12.13 12.31 0.00 -0.18  1.19     0.181 1.00  28   2.99 D
VLO  AC HHE    65.9 339 106  S     32.54 21.27 21.54 0.00 -0.27  1.19S    0.360
LSK  AC HHZ    74.5  69 103  P     24.27 13.00 13.64 0.00 -0.64  0.40     0.015 1.00  30   3.06 D
```

```
LSK  AC HHE    74.5  69 103  S     35.22 23.95 23.87 0.00  0.08  1.19S    0.349
BPA1 AC HHZ    90.1 354 100  P     27.52 16.25 16.08 0.00  0.17  1.19     0.109 1.00  32   3.13 D
BPA1 AC HHE    90.1 354 100  S     39.36 28.09 28.14 0.00 -0.05  1.19S    0.339
BPA2 AC HHZ    91.3 352 100  P     27.76 16.49 16.26 0.00  0.23  1.19     0.116
BPA2 AC HHN    91.3 352 100  S     40.54 29.27 28.45 0.00  0.82  0.03S    0.000
KBN  AC HHZ   116.2  47  96  P     30.99 19.72 20.18 0.00 -0.46  1.00     0.058 1.00  32   3.15 D
KBN  AC HHE   116.2  47  96  S     46.49 35.22 35.32 0.00 -0.10  1.19S    0.395                0.92 .72   2.81 L
TIR  AC HHZ   159.0   2  62  P     38.46 27.19 26.80 0.00  0.39  1.13     0.144 1.00  34   3.24 D
TIR  AC HHE   159.0   2  62  S     58.42 47.15 46.90 0.00  0.25  1.19S    0.185
FNA  AC HHZ   166.7  54  62  P     39.09 27.82 27.89 0.00 -0.07  1.19     0.197
FNA  AC HHE   166.7  54  62  S     60.14 48.87 48.81 0.00  0.06  1.19S    0.303
PHP  AC HHZ   204.1  15  56  P     43.97 32.70 33.04 0.00 -0.34  1.18     0.177 1.00  39   3.40 D
PHP  AC HHN   204.1  15  56  S     68.57 57.30 57.82 0.00 -0.52  0.82S    0.099
BCI  AC HHZ   273.1   4  56  P     52.62 41.35 42.18 0.00 -0.83  0.03     0.000
BCI  AC HHE   273.1   4  56  S     85.48 74.21 73.82 0.00  0.39  1.12S    0.190


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-13  1236 23.32  41 44.39   20E11.96  20.03  0.17  0.75  2.03  3.00  2.96  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
  11   16  21.0  Atl  139  10   0  10   4  11      -       3.00  0.21 L    3.00  0.19 D

13 MAY 2017, 12:36  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<  26.03   0 90>-<   0.75 256  0>-<   0.58 346  0>

REGION=  Kurbnesh, Rajoni Mirditës (Kurbnesh,  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    21.0 106  90  P     28.72  5.40  4.92 0.00  0.48  1.03     0.897 1.00  17   2.35 D
PHP  AC HHN    21.0 106  90     6   0.00-23.32  4.92 0.00        0.00     0.000 1.00               16 .21   3.21 L
                           S     31.78  8.46  8.61 0.00 -0.15  1.09S    0.507
TIR  AC HHZ    51.7 213  90  P     33.23  9.91  9.82 0.00  0.09  1.09     0.261 1.00  31   2.96 D
TIR  AC HHN    51.7 213  90     6   0.00-23.32  9.82 0.00        0.00     0.000 1.00              2.0 .51   2.53 L
                           S     40.32 17.00 17.18 0.00 -0.18  1.09S    0.542
BCI  AC HHZ    70.5 352  90  P     36.33 13.01 12.81 0.00  0.20  1.09     0.396 1.00  38   3.15 D
BCI  AC HHN    70.5 352  90     6   0.00-23.32 12.81 0.00        0.00     0.000 1.00              3.3 .50   3.00 L
                           S     45.44 22.12 22.42 0.00 -0.30  1.09S    0.621
KBN  AC HHZ   133.4 158  90  P     46.52 23.20 22.85 0.00  0.35  1.09     0.233
KBN  AC HHN   133.4 158  90  S     61.48 38.16 39.99 0.00 -0.43  0.00S    0.000
FNA  AC HHZ   145.5 136  90  P     47.24 23.92 24.78 0.00 -0.26  0.24     0.008
FNA  AC HHN   145.5 136  90  S     66.35 43.03 43.36 0.00 -0.33  1.09S    0.360
LSK  AC HHZ   179.7 169  90  P     53.50 30.18 30.23 0.00 -0.05  1.09     0.171
```

```
YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-16  0124 38.47  39 48.82   20E13.47   1.11  0.42  1.32  3.57  3.01  3.29  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
  20   30  20.5  Atl  129   6   0  19   9  20      #       4.00  0.12 L    4.00  0.11 D

16 MAY 2017,  1:24  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   3.66 203 77>-<   1.33  74  7>-<   1.12 344  9>

REGION= 17 km JL të Sarandës, Rajoni Sarandës (17 km SE 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    20.5 292  61  P     42.03  3.56  4.38 0.00 -0.22  1.15     0.252 1.00  33   2.79 D
SRN  AC HHN    20.5 292  61     6   0.00-38.47  4.38 0.00        0.00     0.000 1.00               15 .37   3.01 L
                           S     45.57  7.10  7.66 0.00 -0.16  1.15S    0.408
IGT  AC HHZ    32.6 163  61  P     44.70  6.23  6.72 0.00 -0.49  1.15     0.321
IGT  AC HHN    32.6 163  61  S     50.83 12.36 11.76 0.00  0.50  1.15S    0.738
LSK  AC HHZ    49.1  40  51  P     47.17  8.70  9.69 0.00 -0.49  1.14     0.163 1.00  51   3.26 D
LSK  AC HHN    49.1  40  51     6   0.00-38.47  9.69 0.00        0.00     0.000 1.00              7.1 .69   3.00 L
                           S     54.14 15.67 16.96 0.00 -0.19  1.01S    0.185
KBN  AC HHZ   101.9  27  51  P     58.00 19.53 18.75 0.00  0.28  1.15     0.151 1.00  51   3.31 D
KBN  AC HHN   101.9  27  51     6  60.00 21.53 18.75 0.00        0.00     0.000 1.00              1.1 .80   2.78 L
                           S     72.41 33.94 32.81 0.00  0.13  1.11S    0.182
BPA1 AC HHZ   112.0 335  51  P     58.28 19.81 20.48 0.00 -0.47  1.15     0.124
BPA1 AC HHN   112.0 335  51  S     74.41 35.94 35.84 0.00  0.10  1.15S    0.201
BPA2 AC HHZ   114.1 334  51  P     59.15 20.68 20.84 0.00 -0.16  1.15     0.124
BPA2 AC HHN   114.1 334  51  S     76.18 37.71 36.47 0.00  0.24  1.05S    0.172
FNA  AC HHN   145.8  42  51  S     84.96 46.49 46.02 0.00  0.47  1.15S    0.244
FNA  AC HHZ   145.8  42  51  P     64.57 26.10 26.30 0.00 -0.20  1.15     0.166
TIR  AC HHZ   173.0 350  46  P     70.76 32.29 30.72 0.00  0.21  0.74     0.037
TIR  AC HHN   173.0 350  46  S     94.11 55.64 53.76 0.00  0.38  0.38S    0.023
PHP  AC HHZ   208.6   4  46  P     74.57 36.10 36.39 0.00 -0.29  1.15     0.093 1.00  55   3.47 D
PHP  AC HHN   208.6   4  46     6  60.00 21.53 36.39 0.00        0.00     0.000 1.00            0.76 .95   3.28 L
                           S     99.47 61.00 63.68 0.00 -0.48  0.00S    0.000
BCI  AC HHZ   283.8 358  37  P     86.75 48.28 46.78 0.00  0.50  0.82     0.030
BCI  AC HHN   283.8 358  37  S    119.49 81.02 81.86 0.00 -0.44  1.14S    0.374



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-16  0629 16.64  40 37.89   19E51.17  16.10  0.62  0.81  1.66  3.65  3.59  3.6
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
```

```
  30   44  19.5  Atl   69  12   0  26  12  28              4.00  0.32 L    1.00  0.00 D

16 MAY 2017,  6:29  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.73 279 73>-<   0.81  19  3>-<   0.78 111 16>

REGION=   Sinjë, Rajoni Beratit (Sinjë,  Berati Region, Albania)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
BPA1 AC HHZ    19.5 302 124  P     21.03  4.39  4.59 0.00 -0.20  1.10     0.124 1.00  78   3.59 D
BPA1 AC HHE    19.5 302 124  S     24.70  8.06  8.03 0.00  0.03  1.10S    0.278
BPA2 AC HHZ    22.6 300 120  P     21.51  4.87  5.04 0.00 -0.17  1.10     0.112
BPA2 AC HHN    22.6 300 120  S     25.40  8.76  8.82 0.00 -0.06  1.10S    0.246
VLO  AC HHZ    35.3 240 107  P     23.66  7.02  6.99 0.00  0.03  1.10     0.101
VLO  AC HHN    35.3 240 107  S     30.21 13.57 12.23 0.00  1.34* 0.92S    0.151
VLO  AC HHE    35.3 240 107     6   0.00-16.64  6.99 0.00        0.00     0.000 1.00              118 .30   4.13 L
KBN  AC HHZ    79.1  90  93  P     31.05 14.41 14.25 0.00  0.16  1.10     0.127
KBN  AC HHN    79.1  90  93     6   0.00-16.64 14.25 0.00        0.00     0.000 1.00              6.3 .54   3.35 L
                           S     40.96 24.32 24.94 0.00 -0.62* 1.10S    0.286
TIR  AC HHZ    79.5   0  93  P     31.32 14.68 14.33 0.00  0.35  1.10     0.096
TIR  AC HHE    79.5   0  93  S     43.94 27.30 25.08 0.00  2.22* 0.14S    0.003
TIR  AC HHN    79.5   0  93     6   0.00-16.64 14.33 0.00        0.00     0.000 1.00              5.8 .69   3.32 L
LSK  AC HHZ    82.9 129  93  P     31.13 14.49 14.89 0.00 -0.40  1.10     0.123
LSK  AC HHE    82.9 129  93  S     46.86 30.22 26.06 0.00  4.16* 0.00S    0.000
SRN  AC HHZ    84.4 171  93  P     31.23 14.59 15.14 0.00 -0.55* 1.10     0.108
SRN  AC HHN    84.4 171  93  S     42.96 26.32 26.49 0.00 -0.17  1.10S    0.230
PHP  AC HHZ   126.9  22  71  P     38.36 21.72 22.02 0.00 -0.30  1.10     0.100
PHP  AC HHN   126.9  22  71  S     55.36 38.72 38.53 0.00  0.19  1.10S    0.229
IGT  AC HHZ   128.7 161  71  P     40.57 23.93 22.31 0.00  1.62* 0.68     0.038
IGT  AC HHE   128.7 161  71  S     56.31 39.67 39.04 0.00  0.63* 1.10S    0.217
FNA  AC HHZ   130.4  82  71  P     38.90 22.26 22.58 0.00 -0.32  1.10     0.093
FNA  AC HHN   130.4  82  71  S     57.35 40.71 39.51 0.00  1.19* 1.01S    0.168
SCTE AC HHZ   132.7 243  71  P     39.78 23.14 22.94 0.00  0.20  1.10     0.136
SCTE AC HHN   132.7 243  71  S     55.63 38.99 40.14 0.00 -1.15* 1.03S    0.306
BCI  AC HHZ   193.5   5  71  P     49.55 32.91 32.64 0.00  0.27  1.10     0.107
BCI  AC HHE   193.5   5  71     6  60.00 43.36 32.64 0.00        0.00     0.000 1.00              4.11.67   3.94 L
                           S     73.25 56.61 57.12 0.00 -0.51* 1.10S    0.251
LKD2 AC HHZ   215.9 161  51  P     51.35 34.71 35.80 0.00 -1.09* 1.06     0.121
LKD2 AC HHE   215.9 161  51  S     81.25 64.61 62.65 0.00  1.96* 0.35S    0.033
NOCI AC HHZ   236.3 276  51  P     55.86 39.22 38.50 0.00  0.72* 1.09     0.203
NOCI AC HHN   236.3 276  51  S     77.03 60.39 67.38 0.00 -6.99* 0.00S    0.000



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-17  0407 56.00  41 56.53   19E 9.95  40.36  0.06  1.34 12.76  2.36  3.09  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  88.1  Atl  279   8   0   5   3   6      -       3.00  0.26 L    3.00  0.10 D

17 MAY 2017,  4:07  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<  12.76 282 89>-<   1.34 276  0>-<   0.61   5  0>

REGION= Deti Adriatik (Adriatic Sea)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
TIR  AC HHZ    88.1 138  91  P     72.10 16.10 16.03 0.00  0.07  1.00     0.623 1.00  23   2.99 D
TIR  AC HHE    88.1 138  91     6  60.00  4.00 16.03 0.00        0.00     0.000 1.00             0.22 .50   2.02 L
                             S     83.97 27.97 28.05 0.00 -0.08  1.00S    0.876
BCI  AC HHZ    88.2  57  91  P     71.99 15.99 16.05 0.00 -0.06  1.00     0.623 1.00  26   3.09 D
BCI  AC HHE    88.2  57  91     6  60.00  4.00 16.05 0.00        0.00     0.000 1.00             0.48 .47   2.36 L
                             S     84.08 28.08 28.09 0.00 -0.01  1.00S    0.876
PHP  AC HHZ   109.7 104  90  P     75.44 19.44 19.10 0.00  0.34  0.00     0.000 1.00  32   3.28 D
PHP  AC HHE   109.7 104  90  S     89.46 33.46 33.42 0.00  0.03  1.00S    1.000
PHP  AC HHN   109.7 104  90     6  60.00  4.00 19.10 0.00        0.00     0.000 1.00             0.62 .40   2.62 L



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-17  2125 44.84  41 15.47   19E31.38   4.00  0.86  0.27  0.00        2.95  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  30.3  Atl  197   6   0  17   8  18      #       0.00  0.00 L    9.00  0.10 D

17 MAY 2017, 21:25  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   4.17 300 73>-<   2.36 104 16>-<   1.09 196  4>

REGION=   Golem, Rajoni Kavajës (Golem,  Kavaja 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    30.3  70  61  P     51.23  6.39  6.29 0.00  0.10  1.12     0.273 1.00  35   2.89 D
TIR  AC HHE    30.3  70  61  S     55.97 11.13 11.01 0.00  0.12  1.12S    0.414
BPA2 AC HHZ    59.1 172  51  P     56.57 11.73 11.42 0.00  0.31  1.12     0.159 1.00  34   2.93 D
BPA2 AC HHE    59.1 172  51  S     65.74 20.90 19.99 0.00  0.91  1.12S    0.206
BPA1 AC HHZ    60.4 169  51  P     57.39 12.55 11.64 0.00  0.91  1.12     0.152 1.00  32   2.88 D
BPA1 AC HHN    60.4 169  51  S     66.27 21.43 20.37 0.00  0.06  1.10S    0.191
VLO  AC HHZ    87.7 182  51  P     61.92 17.08 16.32 0.00  0.76  1.12     0.191 1.00  30   2.85 D
VLO  AC HHN    87.7 182  51  S     74.26 29.42 28.56 0.00  0.86  1.12S    0.269
PHP  AC HHZ    90.1  57  51  P     60.17 15.33 16.75 0.00 -0.42  0.88     0.099 1.00  34   2.95 D
PHP  AC HHN    90.1  57  51  S     75.91 31.07 29.31 0.00  1.76  0.51S    0.079
KBN  AC HHZ   127.7 123  51  P     68.04 23.20 23.19 0.00  0.01  1.12     0.151 1.00  38   3.08 D
```

```
KBN  AC HHE   127.7 123  51  S     84.72 39.88 40.58 0.00 -0.70  1.12S    0.338
BCI  AC HHZ   131.2  19  51  P     67.44 22.60 23.80 0.00 -0.20  1.05     0.270 1.00  37   3.06 D
BCI  AC HHE   131.2  19  51  S     87.31 42.47 41.65 0.00  0.82  1.12S    0.740
LSK  AC HHZ   153.0 143  46  P     71.22 26.38 27.54 0.00 -0.16  1.07     0.089 1.00  47   3.28 D
LSK  AC HHN   153.0 143  46  S     93.67 48.83 48.19 0.00  0.63  1.12S    0.266
SRN  AC HHZ   158.2 165  46  P     72.04 27.20 28.38 0.00 -0.18  1.06     0.104 1.00  49   3.32 D
SRN  AC HHN   158.2 165  46  S     91.99 47.15 49.66 0.00 -0.51  0.01S    0.000


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-18  2335 24.84  41 32.04   20E 7.84   5.25  0.28  1.19  3.60  1.76  2.10  2.1
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
   8   12  30.4  Atl  188  18   0   7   3   8              1.00  0.00 L    2.00  0.19 D

18 MAY 2017, 23:35  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<  45.52 320 73>-<  13.77 134 16>-<   6.15 226  1>

REGION= Klos, Rajoni Mirditës (Klos,  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
TIR  AC HHZ    30.4 228  62  P     29.25  4.41  5.91 0.00 -0.14  1.09     0.527 1.00  11   1.91 D
TIR  AC HHN    30.4 228  62  S     32.88  8.04 10.34 0.00 -0.30  1.09S    0.863
PHP  AC HHZ    30.8  56  62  P     27.73  2.89  5.99 0.00 -0.10  1.09     0.543 1.00  17   2.28 D
PHP  AC HHN    30.8  56  62     6   0.00-24.84  5.99 0.00        0.00     0.000 1.00             0.61 .11   1.76 L
                           S     31.40  6.56 10.48 0.00 -0.32  1.09S    0.864
LSK  AC HHZ   158.7 165  55  P     63.03 38.19 27.79 0.00  0.40  0.45     0.115
LSK  AC HHN   158.7 165  55  S     69.05 44.21 48.63 0.00 -0.22  1.09S    0.837
IGT  AC HHZ   223.0 175  47  P     62.89 38.05 37.93 0.00  0.12  1.09     0.248
IGT  AC HHN   223.0 175  47  S     69.34 44.50 66.38 0.00 -0.28  0.00S    0.000


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-18  1608 46.67  40 37.56   19E51.57   5.55  0.22  0.59  2.61  2.73  3.02   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
  19   28  20.3  Atl   73  21   0  17   7  19      #       3.00  0.00 L    5.00  0.05 D

18 MAY 2017, 16:08  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   2.61 204 85>-<   0.59  59  3>-<   0.43 328  2>

REGION= Rrapushaj, 9 Km L të Ballshit, Rajoni Fierit (Rrapushaj,9 Km E of Ballshi, Fieri Region, Albania)
```

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
BPA1	AC	HHZ		20.3	303	62	P		50.94	4.27	4.16	0.00	0.11	1.18		0.186	1.00	43 3.01 D	
BPA1	AC	HHN		20.3	303	62	S		53.25	6.58	7.28	0.00	-0.20	0.96S		0.253			
BPA2	AC	HHZ		23.4	300	62	P		51.55	4.88	4.69	0.00	0.19	1.18		0.187	1.00	45 3.07 D	
BPA2	AC	HHN		23.4	300	62	S		54.43	7.76	8.21	0.00	-0.45	1.18S		0.403			
KBN	AC	HHZ		78.5	89	62	P		60.93	14.26	14.16	0.00	0.10	1.18		0.228			
KBN	AC	HHN		78.5	89	62		6	60.00	13.33	14.16	0.00		0.00		0.000	1.00		1.6 .57 2.73 L
							S		70.80	24.13	24.78	0.00	-0.45	1.04S		0.350			
TIR	AC	HHZ		80.1	0	62	P		61.29	14.62	14.44	0.00	0.18	1.18		0.212	1.00	41 3.10 D	
TIR	AC	HHN		80.1	0	62	S		71.84	25.17	25.27	0.00	-0.10	1.18S		0.288			
LSK	AC	HHZ		82.1	129	62	P		61.05	14.38	14.77	0.00	-0.39	1.18		0.186	1.00	32 2.90 D	
LSK	AC	HHN		82.1	129	62		6	60.00	13.33	14.77	0.00		0.00		0.000	1.00		1.61.10 2.77 L
							S		71.07	24.40	25.85	0.00	-0.45	0.00S		0.000			
SRN	AC	HHZ		83.7	171	62	P		61.79	15.12	15.05	0.00	0.07	1.18		0.187	1.00	37 3.02 D	
SRN	AC	HHN		83.7	171	62		6	60.00	13.33	15.05	0.00		0.00		0.000	1.00		1.4 .54 2.73 L
							S		72.00	25.33	26.34	0.00	-0.41	0.29S		0.037			
PHP	AC	HHZ		127.3	22	62	P		68.22	21.55	22.54	0.00	-0.49	0.32		0.017			
PHP	AC	HHN		127.3	22	62	S		85.81	39.14	39.44	0.00	-0.31	1.18S		0.342			
IGT	AC	HHZ		128.0	161	62	P		69.50	22.83	22.66	0.00	0.17	1.18		0.181			
IGT	AC	HHN		128.0	161	62	S		86.35	39.68	39.65	0.00	0.03	1.18S		0.582			
SCTE	AC	HHZ		132.9	244	62	P		69.83	23.16	23.51	0.00	-0.35	1.18		0.226			
SCTE	AC	HHN		132.9	244	62	S		86.54	39.87	41.14	0.00	-0.27	0.01S		0.000			
BCI	AC	HHZ		194.1	5	55	P		80.11	33.44	33.40	0.00	0.04	1.18		0.126			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017-	05-	19	2045 10.07	40 25.05	20E 3.09	12.31	0.11	0.37	1.41	1.49	2.36	2.3

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	SOURCE L F X
13	20	47.7	Atl	113	12	0	10	6	13	2.00	0.28 L	4.00 0.14 D	

19 MAY 2017, 20:45 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>-< 1.43 51 80>-< 0.38 216 9>-< 0.26 308 2>

REGION= 10 Km V-L Memaliaj, Rajoni tepelenës (10 Km N-E Memaliaj, Tepelena Region, Albania)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
BPA1	AC	HHE		47.7	316	99	S		25.87	15.80	15.59	0.00	0.21	1.10S		0.352			
BPA1	AC	HHZ		47.7	316	99	P		18.99	8.92	8.91	0.00	0.01	1.10		0.162	1.00	15 2.25 D	
BPA2	AC	HHZ		50.5	314	98	P		19.31	9.24	9.39	0.00	-0.15	1.10		0.160	1.00	14 2.19 D	
BPA2	AC	HHN		50.5	314	98	S		26.36	16.29	16.43	0.00	-0.14	1.10S		0.342			
LSK	AC	HHZ		55.2	122	97	P		20.21	10.14	10.19	0.00	-0.05	1.10		0.196	1.00	22 2.58 D	
LSK	AC	HHN		55.2	122	97	S		27.82	17.75	17.83	0.00	-0.08	1.10S		0.348			
SRN	AC	HHZ		59.8	185	97	P		21.00	10.93	10.98	0.00	-0.05	1.10		0.228	1.00	19 2.46 D	

```
SRN  AC HHE    59.8 185  97     6   0.00-10.07 10.98 0.00        0.00     0.000 1.00             0.08 .21   1.21 L
                            S     29.40 19.33 19.22 0.00  0.11  1.10S    0.603
KBN  AC HHE    66.4  69  96  S     31.36 21.29 21.17 0.00  0.11  1.10S    0.636
IGT  AC HHZ   101.2 166  78  P     28.92 18.85 18.02 0.00  0.43  0.02     0.000
IGT  AC HHN   101.2 166  78  S     42.98 32.91 31.53 0.00  0.58* 0.00S    0.000
SCTE AC HHZ   139.9 255  68  P     35.36 25.29 24.30 0.00  0.99* 0.00     0.000
SCTE AC HHE   139.9 255  68     6   0.00-10.07 24.30 0.00        0.00     0.000 1.00             0.061.15   1.76 L
                            S     52.63 42.56 42.52 0.00  0.03  1.10S    0.968


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-22  2316 59.61  40 38.19   19E39.77  16.01  0.15  0.64  0.78  2.42  2.23  2.4
                                                                                  SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  14   20   9.6  Atl  126   6   0  13   6  13              1.00  0.00 L    4.00  0.06 D

22 MAY 2017, 23:16  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.00 345 50>-<   0.48 248  5>-<   0.34 153 38>

REGION= Ballesh, Rajoni Fierit (Ballesh, Fieri Region, Albania)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
BPA1 AC HHZ     9.6 357 146  P     62.87  3.26  3.41 0.00 -0.15  1.05     0.210 1.00  15   2.14 D
BPA1 AC HHN     9.6 357 146  S     65.37  5.76  5.97 0.00 -0.21  0.93S    0.311
BPA2 AC HHZ    11.1 341 142  P     63.22  3.61  3.55 0.00  0.06  1.05     0.216 1.00  16   2.20 D
BPA2 AC HHE    11.1 341 142  S     66.04  6.43  6.21 0.00  0.22  0.88S    0.263
VLO  AC HHZ    23.4 218 118  P     64.53  4.92  5.15 0.00 -0.23  0.81     0.117 1.00  16   2.26 D
VLO  AC HHN    23.4 218 118  S     68.72  9.11  9.01 0.00  0.10  1.05S    0.748
VLO  AC HHE    23.4 218 118     6  60.00  0.39  5.15 0.00        0.00     0.000 1.00             2.8 .15   2.42 L
SRN  AC HHZ    88.8 161  92  P     75.68 16.07 15.88 0.00  0.19  1.00     0.147 1.00  24   2.73 D
LSK  AC HHZ    96.1 123  71  P     76.90 17.29 17.10 0.00  0.19  1.00     0.199
LSK  AC HHN    96.1 123  71  S     89.46 29.85 29.93 0.00 -0.07  1.05S    0.394
SCTE AC HHZ   118.9 239  71  P     80.54 20.93 20.75 0.00  0.18  1.03     0.320
SCTE AC HHE   118.9 239  71  S     95.77 36.16 36.31 0.00 -0.15  1.05S    0.632
IGT  AC HHZ   135.2 154  71  P     82.97 23.36 23.35 0.00  0.01  1.05     0.141
IGT  AC HHN   135.2 154  71  S    100.33 40.72 40.86 0.00 -0.14  1.05S    0.296


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-23  1731 33.58  40 18.41   19E34.29  11.08  0.41  0.78  0.92  1.72  2.49  2.3
                                                                                  SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  14   21  19.1  Atl  114  16   0  14   7  14              0.00  0.00 L    3.00  0.31 D
```

```
23 MAY 2017, 17:31  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.95 270 80>-<   0.78  51  7>-<   0.59 143  5>

REGION=  Orikum, Rajoni Vlorës (Orikum, 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    19.1 341 113  P     37.80  4.22  4.11 0.00  0.11  1.17     0.247 1.00  16   2.18 D
VLO  AC HHE    19.1 341 113  S     40.89  7.31  7.19 0.00  0.12  1.17S    0.581
BPA1 AC HHZ    46.8   8  97  P     41.16  7.58  8.73 0.00 -0.15  0.12     0.002
BPA1 AC HHN    46.8   8  97  S     47.87 14.29 15.28 0.00 -0.99  0.38S    0.043
SRN  AC HHZ    59.9 142  95  P     43.82 10.24 10.96 0.00 -0.72  0.96     0.111 1.00  20   2.49 D
SRN  AC HHN    59.9 142  95  S     52.46 18.88 19.18 0.00 -0.30  1.17S    0.355                0.25 .15   1.72 L
LSK  AC HHZ    89.1 100  93  P     49.19 15.61 15.97 0.00 -0.36  1.17     0.172 1.00  33   2.94 D
LSK  AC HHE    89.1 100  93  S     62.31 28.73 27.95 0.00  0.78  0.83S    0.204
SCTE AC HHZ    97.3 256  93  P     51.37 17.79 17.38 0.00  0.41  1.17     0.285
SCTE AC HHN    97.3 256  93  S     63.79 30.21 30.41 0.00 -0.20  1.17S    0.598
IGT  AC HHZ   107.8 142  78  P     53.12 19.54 19.17 0.00  0.37  1.17     0.162
IGT  AC HHN   107.8 142  78  S     67.51 33.93 33.55 0.00  0.38  1.17S    0.321
PHP  AC HHZ   169.6  25  68  P     62.19 28.61 29.12 0.00 -0.51  1.17     0.270
PHP  AC HHN   169.6  25  68  S     84.86 51.28 50.96 0.00  0.32  1.17S    0.644



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-24  0217 24.49  40 37.54   19E52.41   2.55  0.09   0.34  0.62       2.00  2.0
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
   8   12  21.3  Atl  231   8   0   7   4   8      -       0.00  0.00 L    4.00  0.27 D

24 MAY 2017,  2:17  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<  13.74  28 57>-<   0.83 241 27>-<   0.29 143 15>

REGION=  Ballesh, Rajoni Fierit (Ballesh, Fieri Region, Albania)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
BPA1 AC HHZ    21.3 301  91  P     29.53  5.04  4.34 0.00  0.70  0.00     0.000 1.00  11   1.86 D
BPA1 AC HHN    21.3 301  91  S     32.17  7.68  7.59 0.00  0.08  1.10S    0.990
BPA2 AC HHZ    24.5 299  91  P     29.12  4.63  4.95 0.00 -0.32  0.37     0.077 1.00   8   1.61 D
BPA2 AC HHN    24.5 299  91  S     33.04  8.55  8.66 0.00 -0.11  1.10S    0.852
VLO  AC HHZ    36.5 242  62  P     31.78  7.29  7.20 0.00  0.09  1.10     0.178 1.00  14   2.14 D
VLO  AC HHN    36.5 242  62  S     37.09 12.60 12.60 0.00  0.00  1.10S    0.868
SRN  AC HHZ    83.5 172  62  P     39.82 15.33 15.28 0.00  0.05  1.10     0.504 1.00  22   2.58 D
SRN  AC HHN    83.5 172  62  S     51.16 26.67 26.74 0.00 -0.07  1.10S    0.527
```

```
YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-24  0608  0.59  41 36.30   20E10.82   0.03  0.08  0.56  1.48        2.19  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
   6    9  23.4  Atl  156   8   0   6   3   6      #       0.00  0.00 L    1.00  0.00 D

24 MAY 2017,  6:08  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.52 120 77>-<   0.58 318 11>-<   0.31 227  3>

REGION=   Vinjolle, Rajoni Bulqize (Vinjolle, Bulqiza 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    23.4  67  61  P      5.60  5.01  4.95 0.00  0.06  1.06     0.538 1.00  16   2.19 D
PHP  AC HHN    23.4  67  61  S      9.25  8.66  8.66 0.00  0.00  1.06S    0.849
TIR  AC HHN    38.9 223  51  S     14.56 13.97 13.88 0.00  0.09  1.06S    0.847
TIR  AC HHZ    38.9 223  51  P      8.45  7.86  7.93 0.00 -0.07  1.06     0.538
BCI  AC HHN    85.1 354  51  S     28.49 27.90 27.79 0.00  0.11  0.97S    0.867
BCI  AC HHZ    85.1 354  51  P     16.33 15.74 15.88 0.00 -0.14  0.77     0.358



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-24  0639 10.39  41 32.77   20E13.43   6.76  0.08  1.36 12.54  2.31  2.37  2.4
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
   7   10  23.7  Atl  185  10   0   5   2   6      -       1.00  0.00 L    2.00  0.03 D

24 MAY 2017,  6:39  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<  12.58 131 85>-<   1.36 320  4>-<   0.34  49  0>

REGION=  Vinjolle, Rajoni Bulqize (Vinjolle, Bulqiza 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    23.7  49  93  P     15.08  4.69  4.71 0.00 -0.02  1.00     0.629 1.00  19   2.34 D
PHP  AC HHN    23.7  49  93  S     18.68  8.29  8.24 0.00  0.05  1.00S    0.879
TIR  AC HHZ    37.2 234  91  P     17.29  6.90  7.03 0.00 -0.13  0.98     0.611 1.00  19   2.40 D
TIR  AC HHN    37.2 234  91  S     22.79 12.40 12.30 0.00  0.10  1.00S    0.879
BCI  AC HHZ    92.1 352  90  P     26.83 16.44 16.44 0.00  0.00  1.00     1.000
BCI  AC HHN    92.1 352  90  S     38.32 27.93 28.77 0.00 -0.84* 0.00S    0.000
BCI  AC HHE    92.1 352  90     6   0.00-10.39 16.44 0.00        0.00     0.000 1.00            0.47 .40   2.31 L



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

```
2017-05-24  0804 50.41  41 31.65   20E16.74  18.92  0.04  2.07  1.73  2.50  3.15  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
   6    9  22.1  Atl  204   9   0   5   3   6              1.00  0.00 L    1.00  0.00 D

24 MAY 2017,  8:04  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   2.70 132 39>-<   0.61 309 50>-<   0.36  41  2>

REGION=  Vinjolle, Rajoni Bulqize (Vinjolle, Bulqiza 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    22.1  37 126  P     55.57  5.16  5.22 0.00 -0.06  1.00     0.623 1.00  44   3.15 D
PHP  AC HHN    22.1  37 126     6   0.00-50.41  5.22 0.00        0.00     0.000 1.00              3.3 .15   2.50 L
                            S     59.58  9.17  9.13 0.00  0.03  1.00S    0.876
TIR  AC HHZ    40.0 241 109  P     58.35  7.94  7.89 0.00  0.05  1.00     0.623
TIR  AC HHN    40.0 241 109  S     64.17 13.76 13.81 0.00 -0.05  1.00S    0.876
BCI  AC HHZ    94.8 350  71  P     68.15 17.74 16.75 0.00  0.99* 0.00     0.000
BCI  AC HHN    94.8 350  71  S     79.72 29.31 29.31 0.00  0.00  1.00S    0.999



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-24  0850 40.52  41 35.12   20E10.30   0.16  0.03  0.58  1.77  2.27  2.30  2.3
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
   6    9  25.0  Atl  162   8   0   5   3   6              1.00  0.00 L    1.00  0.00 D

24 MAY 2017,  8:50  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.86 143 71>-<   0.56 315 17>-<   0.27  46  2>

REGION=  Vinjolle, Rajoni Bulqize (Vinjolle, Bulqiza 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    25.0  63  61  P     45.79  5.27  5.24 0.00  0.03  1.00     0.623 1.00  18   2.30 D
PHP  AC HHN    25.0  63  61  S     49.66  9.14  9.17 0.00 -0.03  1.00S    0.876
TIR  AC HHZ    36.8 225  61  P     48.01  7.49  7.52 0.00 -0.03  1.00     0.623
TIR  AC HHN    36.8 225  61  S     53.71 13.19 13.16 0.00  0.03  1.00S    0.876
BCI  AC HHZ    87.2 355  51  P     55.51 14.99 16.22 0.00 -1.23* 0.00     0.000
BCI  AC HHE    87.2 355  51     6  60.00 19.48 16.22 0.00        0.00     0.000 1.00            0.47 .40   2.27 L
                            S     68.91 28.39 28.38 0.00  0.00  1.00S    0.999



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-24  0952 49.47  41 34.54   20E11.53   6.32  0.15  0.86 17.62  2.39  2.36  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
   6    9  24.0  Atl  169   9   0   5   3   6      -       3.00  0.46 L    3.00  0.12 D

24 MAY 2017,  9:52  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<  17.62 107 88>-<   0.86 313  1>-<   0.40 223  0>

REGION= 9 Km V të Bulqizës, Rajoni Bulqizë (9 Km N of Bulqieza, Bulqiza 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    24.0  59  91  P      54.55  5.08  4.75 0.00  0.33  0.83     0.508 1.00  17   2.24 D
PHP  AC HHN    24.0  59  91     6   0.00-49.47  4.75 0.00        0.00     0.000 1.00                8.8 .11   2.85 L
                             S      57.64  8.17  8.31 0.00 -0.14  1.04S    0.899
TIR  AC HHZ    37.3 228  90  P      56.38  6.91  7.03 0.00 -0.12  1.04     0.692 1.00  18   2.36 D
TIR  AC HHE    37.3 228  90     6  60.00 10.53  7.03 0.00        0.00     0.000 1.00               0.79 .14   1.93 L
                             S      61.82 12.35 12.30 0.00  0.05  1.04S    0.899
BCI  AC HHZ    88.5 354  90  P      66.03 16.56 15.83 0.00  0.73* 0.00     0.000 1.00  23   2.62 D
BCI  AC HHN    88.5 354  90     6  60.00 10.53 15.83 0.00        0.00     0.000 1.00               0.60 .36   2.39 L
                             S      77.17 27.70 27.70 0.00  0.00  1.04S    1.000



****
YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-24  1030 57.21  41 33.75   20E12.96  25.32  0.42  1.28  1.76  4.51  4.40  4.5
                                                                                      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   24  23.1  Atl  122  14   0  14   7  15              6.00  0.20 L    4.00  0.29 D

24 MAY 2017, 10:30  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   1.92 299 66>-<   1.37  96 21>-<   0.64 189  8>

REGION= 7 Km V të Bulqiezës, Rajoni Bulqizë (7 Km N of Bulqieza, Bulqiza 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    23.1  54 133     6  60.00  2.79  6.00 0.00        0.00     0.000 1.00                333 .40   4.59 L
                             S      66.17  8.96 10.50 0.00 -1.54* 0.00S    0.000
PHP  AC HHZ    23.1  54 133  P      62.99  5.78  6.00 0.00 -0.22  1.22     0.564 1.00  46   3.71 D
TIR  AC HHN    37.8 231 116     6  60.00  2.79  7.93 0.00        0.00     0.000 1.00                125 .46   4.23 L
                             S      70.20 12.99 13.88 0.00 -0.89* 0.86S    0.333
TIR  AC HHZ    37.8 231 116  P      65.11  7.90  7.93 0.00 -0.03  1.22     0.216 1.00  69   4.11 D
BCI  AC HHN    90.2 353  96     6  60.00  2.79 16.00 0.00        0.00     0.000 1.00                 501.25   4.35 L
                             S      85.07 27.86 28.00 0.00 -0.14  1.22S    0.578
BCI  AC HHZ    90.2 353  96  P      72.84 15.63 16.00 0.00 -0.37  1.22     0.308 1.00 125   4.68 D
BPA1 AC HHN   104.4 207  95  S      88.40 31.19 31.95 0.00 -0.76* 1.07S    0.188
```

```
BPA1 AC HHZ   104.4 207  95  P     75.78 18.57 18.26 0.00  0.31  1.22     0.105
KBN  AC HHN   114.8 155  94     6  60.00  2.79 19.91 0.00        0.00     0.000 1.00              81 .62   4.74 L
                           S     91.10 33.89 34.84 0.00 -0.95* 0.73S    0.269
KBN  AC HHZ   114.8 155  94  P     77.37 20.16 19.91 0.00  0.25  1.22     0.308 1.00 126   4.69 D
VLO  AC HHN   135.7 207  93  S     98.03 40.82 40.69 0.00  0.13  1.22S    0.237
VLO  AC HHZ   135.7 207  93  P     81.09 23.88 23.25 0.00  0.63* 1.19     0.100
VLO  AC HHE   135.7 207  93     6  60.00  2.79 23.25 0.00        0.00     0.000 1.00              73 .46   4.83 L
LSK  AC HHN   160.2 168  92  S    103.44 46.23 47.48 0.00 -1.25* 0.19S    0.010
SRN  AC HHE   187.7 186  62     6  60.00  2.79 31.12 0.00        0.00     0.000 1.00              14 .62   4.43 L
                           S    111.77 54.56 54.46 0.00  0.10  1.22S    0.522
SRN  AC HHZ   187.7 186  62  P     88.15 30.94 31.12 0.00 -0.18  1.22     0.255


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-24  1042 21.85  41 34.02   20E11.94   6.43  0.05  0.71 12.84  2.08  2.36  2.1
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
   6    9  24.0  Atl  173   8   0   5   3   6      -       3.00  0.01 L    3.00  0.40 D

24 MAY 2017, 10:42  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<  12.84 126 88>-<   0.71 308  1>-<   0.31 218  0>

REGION= 8 Km V të Bulqiezës, Rajoni Bulqizë (8 Km N of Bulqieza, Bulqiza 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    24.0  56  91  P     26.89  5.04  4.76 0.00  0.28  0.00     0.000 1.00  12   1.95 D
PHP  AC HHN    24.0  56  91     6   0.00-21.85  4.76 0.00        0.00     0.000 1.00             8.2 .11   2.82 L
                           S     30.20  8.35  8.33 0.00  0.02  1.00S    0.999
TIR  AC HHZ    37.0 229  90  P     28.76  6.91  7.00 0.00 -0.09  1.00     0.623 1.00  18   2.36 D
TIR  AC HHN    37.0 229  90     6   0.00-21.85  7.00 0.00        0.00     0.000 1.00             1.1 .11   2.07 L
                           S     34.17 12.32 12.25 0.00  0.07  1.00S    0.876
BCI  AC HHZ    89.5 354  90  P     37.85 16.00 16.00 0.00  0.00  1.00     0.623 1.00  27   2.76 D
BCI  AC HHN    89.5 354  90     6   0.00-21.85 16.00 0.00        0.00     0.000 1.00           0.29 .40   2.08 L


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-24  1127 54.59  41 33.84   20E13.78   7.49  0.07 13.87 10.17  1.79  2.01  1.8
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
   5    7  22.1  Atl  180   8   0   4   2   4      -       2.00  0.46 L    2.00  0.14 D

24 MAY 2017, 11:27  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<  13.87 142  0>-<  10.17  53 88>-<   0.34 232  1>
```

```
-
REGION=  Vinjolle, Rajoni Bulqize (Vinjolle, Bulqiza 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    22.1  52  96  P     59.09  4.50  4.45 0.00  0.05  1.00     0.999 1.00  11   1.87 D
PHP  AC HHN    22.1  52  96     6  60.00  5.41  4.45 0.00        0.00     0.000 1.00              2.3 .10   2.24 L
                            S     62.31  7.72  7.79 0.00 -0.07  1.00S    0.999
TIR  AC HHZ    38.8 232  92  P     61.98  7.39  7.30 0.00  0.09  1.00     0.999 1.00  14   2.15 D
TIR  AC HHN    38.8 232  92  S     67.29 12.70 12.77 0.00 -0.07  1.00S    0.999
TIR  AC HHE    38.8 232  92     6  60.00  5.41  7.30 0.00        0.00     0.000 1.00            0.19 .11   1.33 L



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-24  1235 19.20  41 36.74   20E 9.75   6.26  0.09  0.79  1.02  3.07  2.67  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
   6    9  24.5  Atl  151  13   0   5   3   6      -       2.00  0.49 L    3.00  0.28 D

24 MAY 2017, 12:35  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<  18.03 105 89>-<   0.79 313  0>-<   0.43 223  0>

REGION=  Vinjollë, Rajoni Bulqizës (Vinjollë, Bulqiza 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    24.5  70  91  P     24.31  5.11  4.85 0.00  0.26  1.00     0.620 1.00  11   1.88 D
PHP  AC HHN    24.5  70  91     6   0.00-19.20  4.85 0.00        0.00     0.000 1.00               43 .07   3.55 L
                            S     27.49  8.29  8.49 0.00 -0.20  1.00S    0.877
TIR  AC HHZ    38.5 221  90  P     26.51  7.31  7.24 0.00  0.07  1.00     0.624 1.00  26   2.67 D
TIR  AC HHN    38.5 221  90     6   0.00-19.20  7.24 0.00        0.00     0.000 1.00              3.4 .40   2.58 L
                            S     31.77 12.57 12.67 0.00 -0.10  1.00S    0.877
BCI  AC HHZ    84.2 355  90  P     36.36 17.16 15.09 0.00  0.07  0.00     0.000 1.00  34   2.95 D
BCI  AC HHN    84.2 355  90  S     45.57 26.37 26.41 0.00 -0.04  1.00S    0.999



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-24  1235 19.08  41 36.23   20E10.10  13.59  0.07  0.38  0.62  3.21  3.16  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
   9   13  24.4  Atl  133   8   0   9   4   9              4.00  0.24 L    4.00  0.11 D

24 MAY 2017, 12:35  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   0.63  59 84>-<   0.38 280  3>-<   0.26 189  3>
```

REGION= 12 Km V të Bulqiezës, Rajoni Bulqizë (12 Km N of Bulqieza, Bulqiza 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		24.4	68	114	P		24.40	5.32	5.12	0.00	0.20	0.79		0.142	1.00	32 2.82 D	
PHP	AC	HHN		24.4	68	114		6	0.00	-19.08	5.12	0.00		0.00		0.000	1.00		43 .07 3.59 L
							S		27.97	8.89	8.96	0.00	-0.07	1.27S		0.860			
TIR	AC	HHZ		38.1	222	104	P		26.70	7.62	7.34	0.00	0.28	0.11		0.003	1.00	44 3.16 D	
TIR	AC	HHN		38.1	222	104		6	0.00	-19.08	7.34	0.00		0.00		0.000	1.00		4.5 .40 2.72 L
							S		31.92	12.84	12.84	0.00	0.00	1.27S		0.965			
BCI	AC	HHZ		85.1	355	78	P		34.33	15.25	15.27	0.00	-0.02	1.27		0.335	1.00	54 3.38 D	
BCI	AC	HHE		85.1	355	78		6	0.00	-19.08	15.27	0.00		0.00		0.000	1.00		5.1 .43 3.30 L
							S		45.82	26.74	26.72	0.00	0.02	1.27S		0.663			
KBN	AC	HHZ		120.6	154	68	P		40.30	21.22	21.15	0.00	0.07	1.27		0.299	1.00	40 3.16 D	
KBN	AC	HHE		120.6	154	68		6	0.00	-19.08	21.15	0.00		0.00		0.000	1.00		1.8 .63 3.11 L
							S		56.06	36.98	37.01	0.00	-0.03	1.27S		0.689			
SRN	AC	HHZ		192.0	185	68	P		51.38	32.30	32.53	0.00	-0.23	0.46		0.039			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017-	05-	28	1336 44.18	40 2.16	20E16.18	30.16	0.37	0.76	1.54	2.38	2.93	2.9

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T		N.FMG-FMMAD-T		SOURCE L F X
12	18	28.8	Atl	109	11	0	12	6	12		0.00	0.00 L	2.00	0.36 D	

28 MAY 2017, 13:36 SEQUENCE NO. 1, ID NO. 0
ERROR ELLIPSE: <SERR AZ DIP>-< 1.68 116 66>-< 0.79 349 15>-< 0.72 253 17>

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

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
SRN	AC	HHZ		28.8	234	136	P		51.29	7.11	7.72	0.00	-0.61*	1.02		0.126	1.00	12 2.57 D	
SRN	AC	HHE		28.8	234	136	S		57.34	13.16	13.51	0.00	-0.35	1.17S		0.604			1.8 .18 2.38 L
LSK	AC	HHZ		30.8	65	134	P		52.01	7.83	7.94	0.00	-0.11	1.17		0.198	1.00	25 3.28 D	
LSK	AC	HHE		30.8	65	134	S		58.17	13.99	13.90	0.00	0.09	1.17S		0.397			
IGT	AC	HHZ		56.2	174	114	P		55.52	11.34	11.21	0.00	0.13	1.17		0.303			
IGT	AC	HHE		56.2	174	114	S		64.16	19.98	19.62	0.00	0.36	1.17S		0.494			
KBN	AC	HHZ		78.7	33	105	P		57.73	13.55	14.48	0.00	-0.93*	0.28		0.017			
KBN	AC	HHN		78.7	33	105	S		69.24	25.06	25.34	0.00	-0.28	1.17S		0.495			
VLO	AC	HHZ		81.5	307	104	P		59.62	15.44	14.91	0.00	0.53*	1.12		0.172			
VLO	AC	HHN		81.5	307	104	S		70.69	26.51	26.09	0.00	0.42	1.17S		0.485			
SCTE	AC	HHZ		153.8	273	66	P		70.75	26.57	25.64	0.00	0.93*	0.26		0.022			
SCTE	AC	HHN		153.8	273	66	S		88.69	44.51	44.87	0.00	-0.36	1.17S		0.682			

```
YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-28  1412 44.91  40 39.26   19E52.58   3.03  0.21  0.48  0.17        2.21  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
   8   12  20.1  Atl  199   8   0   7   4   8      #       0.00  0.00 L    2.00  0.04 D

28 MAY 2017, 14:12  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   3.50  82 64>-<   1.02 256 24>-<   0.66 347  1>

REGION=   Vinjollë, Rajoni Bulqizës (Vinjollë, Bulqiza Region, Albania)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
BPA1 AC HHZ    20.1 293  61  P     49.23  4.32  4.31 0.00  0.01  1.30     0.387 1.00  12   2.17 D
BPA1 AC HHE    20.1 293  61  S     52.53  7.62  7.54 0.00  0.08  1.30S    0.468
BPA2 AC HHZ    23.3 292  61  P     49.76  4.85  4.93 0.00 -0.08  1.30     0.381 1.00  13   2.25 D
BPA2 AC HHN    23.3 292  61  S     53.40  8.49  8.63 0.00 -0.14  1.30S    0.457
VLO  AC HHN    38.3 238  61  S     58.59 13.68 13.68 0.00  0.00  1.30S    0.849
VLO  AC HHZ    38.3 238  61  P     52.25  7.34  7.82 0.00 -0.48  1.20     0.455
LSK  AC HHZ    83.1 132  51  P     59.50 14.59 15.53 0.00 -0.94* 0.04     0.010
LSK  AC HHE    83.1 132  51  S     72.90 27.99 27.18 0.00  0.81* 0.25S    0.989



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-28  2137 31.56  40 21.12   19E30.48  11.95  0.40  0.67  2.04  2.34  2.67  2.7
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  14   21  13.0  Atl  111  16   0  14   7  14             0.00  0.00 L    5.00  0.17 D

28 MAY 2017, 21:37  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   2.12 315 74>-<   0.68  82  9>-<   0.64 174 12>

REGION=  Radhimë, Rajoni Vlorës (Radhimë, 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    13.0 356 128  P     34.90  3.34  3.29 0.00  0.05  1.16     0.205 1.00  14   2.36 D
VLO  AC HHE    13.0 356 128  S     37.85  6.29  5.76 0.00  0.53* 1.15S    0.591
BPA2 AC HHZ    43.0  12 100  P     38.82  7.26  8.11 0.00 -0.85* 0.60     0.040 1.00  24   2.89 D
BPA2 AC HHN    43.0  12 100  S     45.65 14.09 14.19 0.00 -0.10  1.16S    0.287
BPA1 AC HHZ    43.1  16 100  P     38.62  7.06  8.12 0.00 -1.06* 0.18     0.003 1.00  16   2.50 D
BPA1 AC HHN    43.1  16 100  S     45.24 13.68 14.21 0.00 -0.53* 1.15S    0.269
SRN  AC HHZ    67.1 141  95  P     43.28 11.72 12.22 0.00 -0.50  1.16     0.231 1.00  20   2.72 D
SRN  AC HHN    67.1 141  95  S     52.75 21.19 21.38 0.00 -0.19  1.16S    0.590
SCTE AC HHZ    93.6 252  94  P     48.04 16.48 16.75 0.00 -0.27  1.16     0.333
```

```
SCTE AC HHN    93.6 252  94  S     61.24 29.68 29.31 0.00  0.37  1.16S    0.620
LSK  AC HHZ    95.5 103  78  P     49.11 17.55 17.07 0.00  0.48  1.16     0.186
LSK  AC HHN    95.5 103  78  S     62.36 30.80 29.87 0.00  0.93* 0.45S    0.052
KBN  AC HHZ   112.6  74  78  P     51.50 19.94 19.95 0.00 -0.01  1.16     0.198 1.00  19   2.67 D
KBN  AC HHE   112.6  74  78  S     66.87 35.31 34.91 0.00  0.40  1.16S    0.387                 0.35 .54   2.34 L


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-28  2149  8.83  41 25.97   20E13.09   4.01  0.69  2.20  4.79        2.46  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
  11   16  31.0  Atl  134   6   0  11   5  11      #       0.00  0.00 L    3.00  0.28 D

28 MAY 2017, 21:49  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   4.80  67 86>-<   2.20 306  1>-<   0.97 215  2>

REGION=   6 km J të Bulqizës, Rajoni Bulqizës (6 km S of Bulqiza, Bulqiza 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    31.0 253  61  P     14.53  5.70  6.42 0.00 -0.72  1.12     0.412 1.00  16   2.46 D
TIR  AC HHN    31.0 253  61  S     19.43 10.60 11.24 0.00 -0.64  1.12S    0.562
PHP  AC HHZ    33.6  33  61  P     14.80  5.97  6.91 0.00 -0.94  1.06     0.322 1.00  12   2.18 D
PHP  AC HHN    33.6  33  61  S     20.49 11.66 12.09 0.00 -0.43  1.12S    0.608
BPA1 AC HHZ    91.9 212  51  P     26.50 17.67 17.05 0.00  0.62  1.12     0.199
BPA1 AC HHN    91.9 212  51  S     40.01 31.18 29.84 0.00  0.34  0.58S    0.161
BPA2 AC HHZ    92.9 214  51  P     25.07 16.24 17.22 0.00 -0.98* 1.03     0.164 1.00  31   3.10 D
BPA2 AC HHN    92.9 214  51  S     38.67 29.84 30.13 0.00 -0.30  1.12S    0.576
BCI  AC HHZ   104.5 354  51  P     28.36 19.53 19.21 0.00  0.32  1.12     0.270
BCI  AC HHN   104.5 354  51  S     43.83 35.00 33.62 0.00  0.38* 0.53S    0.250
LSK  AC HHZ   146.1 167  51  P     35.59 26.76 26.36 0.00  0.40  1.12     0.471
```

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

```
YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
 2017-05-01  1102 37.28  38  5.78   20E22.24  26.72  0.44  2.62  1.45  4.14  4.07  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
   22   30  80.9  Atl  307   9   0  19   8  21              6.00  0.33 L    2.00  0.17 D

 1 MAY 2017, 11:02  SEQUENCE NO.    1, ID NO.         0
 ERROR ELLIPSE: <SERR AZ DIP>-<   2.99 122 28>-<   1.70  17 24>-<   1.52 253 50>

 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    80.9  17  99  P     52.08 14.80 14.56 0.00  0.24  1.13     0.327
 LKD2 AC HHE    80.9  17  99  S     62.44 25.16 25.48 0.00 -0.32  1.13S    0.617
 IGT  AC HHZ   159.3 359  76  P     65.55 28.27 26.96 0.00  0.31  0.17     0.002
 IGT  AC HHE   159.3 359  76  S     84.84 47.56 47.18 0.00  0.38  1.13S    0.326
 SRN  AC HHZ   200.6 351  56  P     69.90 32.62 32.77 0.00 -0.15  1.13     0.102 1.00  73   3.90 D
 SRN  AC HHE   200.6 351  56     6  60.00 22.72 32.77 0.00        0.00     0.000 1.00              3.3 .68   3.89 L
                               S     95.13 57.85 57.35 0.00  0.50* 1.13S    0.173
 LSK  AC HHZ   228.8   4  56  P     75.20 37.92 36.50 0.00  0.42  0.07     0.000 1.00 106   4.24 D
 LSK  AC HHN   228.8   4  56     6  60.00 22.72 36.50 0.00        0.00     0.000 1.00               11 .74   4.55 L
                               S    101.28 64.00 63.88 0.00  0.13  1.13S    0.191
 VLO  AC HHZ   274.0 345  56  P     80.35 43.07 42.48 0.00  0.59* 1.13     0.111
 SCTE AC HHZ   274.7 324  56  P     80.52 43.24 42.57 0.00  0.67* 1.10     0.221
 SCTE AC HHN   274.7 324  56     6  60.00 22.72 42.57 0.00        0.00     0.000 1.00              1.0 .68   3.73 L
                               S    111.42 74.14 74.50 0.00 -0.36  1.13S    0.523
 KBN  AC HHZ   282.9   7  56  P     83.01 45.73 43.65 0.00  2.08* 0.00     0.000
 KBN  AC HHN   282.9   7  56     6  60.00 22.72 43.65 0.00        0.00     0.000 1.00              3.0 .63   4.22 L
                               S    113.15 75.87 76.39 0.00 -0.52* 1.13S    0.220
 BPA1 AC HHZ   298.1 349  56  P     82.64 45.36 45.66 0.00 -0.30  1.13     0.104
 BPA2 AC HHZ   299.5 348  56  P     82.71 45.43 45.85 0.00 -0.42  1.13     0.105
 FNA  AC HHZ   310.6  15  56  P     85.12 47.84 47.32 0.00  0.52* 1.13     0.223
 FNA  AC HHN   310.6  15  56  S    120.41 83.13 82.81 0.00  0.32  1.13S    0.350
 TIR  AC HHZ   363.6 354  56  P     91.34 54.06 54.33 0.00 -0.27  1.13     0.102
 TIR  AC HHN   363.6 354  56     6 120.00 82.72 54.33 0.00        0.00     0.000 1.00              1.1 .72   4.05 L
                               S    132.16 94.88 95.08 0.00 -0.20  1.13S    0.163
 PHP  AC HHZ   398.5   0  56  P     95.21 57.93 58.94 0.00 -1.01* 0.67     0.040
 BCI  AC HHZ   474.9 357  56  P    105.57 68.29 69.05 0.00 -0.76* 1.03     0.089
 BCI  AC HHN   474.9 357  56     6 120.00 82.72 69.05 0.00        0.00     0.000 1.00              2.5 .74   4.72 L
```

```
YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-05  2341 23.89  41 24.82   20E45.24   4.09  0.46  1.95  0.86  1.75  2.73  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
  10   15  39.9  Atl  170  10   0   9   5  10      #       0.00  0.00 L    4.00  0.24 D

5 MAY 2017, 23:41  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   2.97  59 74>-<   2.02 248 15>-<   0.62 157  2>

REGION=  Maqedoni (Macedoni)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
PHP  AC HHZ    39.9 320  51  P     31.39  7.50  8.10 0.00 -0.60  1.15     0.333 1.00  17   2.32 D
PHP  AC HHN    39.9 320  51  S     37.18 13.29 14.17 0.00 -0.88  0.79S    0.268                    0.41 .07   1.75 L
KBN  AC HHZ    87.8 178  51  P     41.66 17.77 16.33 0.00  1.44  0.01     0.000 1.00  28   2.79 D
KBN  AC HHN    87.8 178  51  S     52.95 29.06 28.58 0.00  0.48  1.16S    0.383
FNA  AC HHZ    87.9 142  51  P     40.25 16.36 16.35 0.00  0.01  1.16     0.452 1.00  24   2.66 D
FNA  AC HHN    87.9 142  51  S     52.18 28.29 28.61 0.00 -0.32  1.16S    0.765
BCI  AC HHN   120.2 332  51  S     62.72 38.83 38.33 0.00  0.50  1.16S    0.604
BCI  AC HHZ   120.2 332  51  P     46.49 22.60 21.90 0.00  0.70  1.07     0.283
LSK  AC HHZ   141.0 186  51  P     49.31 25.42 25.47 0.00 -0.05  1.16     0.397 1.00  41   3.16 D
LSK  AC HHE   141.0 186  51  S     68.32 44.43 44.57 0.00 -0.14  1.16S    0.510



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-08  0420 35.62  42 20.46   19E13.16  30.63  0.65  5.56  4.46  2.38  3.06  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   11 122.7  Atl  258  19   0   6   4   7              2.00  0.03 L    2.00  0.02 D

8 MAY 2017,  4:20  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   5.61 177  7>-<   4.76  67 69>-<   1.91 270 18>

REGION= Mali Zi (Montenegro)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
TIR  AC HHZ   122.7 153  90  P     58.63 23.01 21.16 0.00  0.85* 0.59     0.134 1.00  27   3.04 D
TIR  AC HHE   122.7 153  90     6  60.00 24.38 21.16 0.00        0.00     0.000 1.00             0.32 .34   2.40 L
                           S     72.87 37.25 37.03 0.00  0.22  1.08S    0.876
PHP  AC HHZ   124.7 125  90  P     57.23 21.61 21.46 0.00  0.15  1.08     0.738 1.00  28   3.07 D
PHP  AC HHN   124.7 125  90     6  60.00 24.38 21.46 0.00        0.00     0.000 1.00             0.28 .14   2.35 L
```

```
                              S     72.25 36.63 37.56 0.00 -0.22  1.08S    0.382
NOCI AC HHN   249.1 227  58  S    103.23 67.61 67.97 0.00 -0.36  1.08S    0.937
FNA  AC HHZ   250.2 133  58  P     79.35 43.73 38.99 0.00  0.74* 0.00     0.000
FNA  AC HHN   250.2 133  58  S    104.21 68.59 68.23 0.00  0.36  1.08S    0.931



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-09  0733  4.33  39  8.99   20E18.02  34.94  0.36  2.53  1.22  3.04  3.60  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
  16   21  42.5  Atl  201  11   0  12   4  14              2.00  0.40 L    2.00  0.22 D

9 MAY 2017,  7:33  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   2.54 255  6>-<   1.31 146 68>-<   0.78 346 20>

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    42.5   3 123  P     13.75  9.42  9.33 0.00  0.09  1.09     0.194 1.00  70   3.82 D
IGT  AC HHE    42.5   3 123  S     20.67 16.34 16.33 0.00  0.01  1.09S    0.510
LKD2 AC HHZ    50.6 142 117  P     14.64 10.31 10.41 0.00 -0.10  1.09     0.345 1.00  41   3.38 D
LKD2 AC HHN    50.6 142 117  S     22.48 18.15 18.22 0.00 -0.07  1.09S    0.674
SRN  AC HHZ    85.1 343 102  P     19.65 15.32 15.43 0.00 -0.11  1.09     0.368
SRN  AC HHE    85.1 343 102  S     28.53 24.20 27.00 0.00 -2.80* 0.00S    0.000
SRN  AC HHN    85.1 343 102     6   0.00 -4.33 15.43 0.00        0.00     0.000 1.00              1.0 .15   2.64 L
LSK  AC HHZ   113.9  12  96  P     24.48 20.15 19.85 0.00  0.30  1.09     0.104
LSK  AC HHN   113.9  12  96  S     38.84 34.51 34.74 0.00 -0.23  1.09S    0.397
LSK  AC HHE   113.9  12  96     6   0.00 -4.33 19.85 0.00        0.00     0.000 1.00              3.9 .89   3.43 L
VLO  AC HHZ   161.8 336  66  P     33.13 28.80 26.80 0.00  2.00* 0.00     0.000
FNA  AC HHZ   203.5  26  58  P     37.49 33.16 32.46 0.00  0.70* 1.08     0.205
FNA  AC HHE   203.5  26  58  S     60.95 56.62 56.81 0.00 -0.19  1.09S    0.612
TIR  AC HHZ   246.8 352  58  P     42.72 38.39 38.20 0.00  0.19  1.09     0.369
PHP  AC HHZ   281.7   2  58  P     46.24 41.91 42.81 0.00 -0.90* 0.98     0.213
BCI  AC HHZ   357.8 357  58  P     58.81 54.48 52.87 0.00  1.61* 0.12     0.003



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-14  0208 25.93  42  0.31   21E39.06  20.25  0.34  2.73  2.27  4.31  4.15  4.3
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  19   28 106.6  Atl  262  10   0  16   7  19              4.00  0.27 L    4.00  0.16 D

14 MAY 2017,  2:08  SEQUENCE NO.    1, ID NO.         0
```

ERROR ELLIPSE: <SERR AZ DIP>-<   2.74 60 4>-<   2.34 311 76>-<   1.29 151 13>

REGION= Maqedoni (Macedonia)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
PHP	AC	HHZ		106.6	251	90	P		43.95	18.02	18.57	0.00	-0.45	1.04		0.132	1.00	54 3.48 D	
PHP	AC	HHN		106.6	251	90		6	0.00	-25.93	18.57	0.00		0.00		0.000	1.00		20 .23 4.06 L
							S		56.12	30.19	32.50	0.00	-0.31	0.00S		0.000			
BCI	AC	HHZ		136.8	288	90	P		49.25	23.32	23.39	0.00	-0.07	1.04		0.312	1.00	107 4.09 D	
BCI	AC	HHN		136.8	288	90		6	60.00	34.07	23.39	0.00		0.00		0.000	1.00		391.34 4.56 L
							S		66.72	40.79	40.93	0.00	-0.14	1.04S		0.463			
FNA	AC	HHZ		137.7	190	90	P		50.30	24.37	23.53	0.00	0.42	1.03		0.271			
FNA	AC	HHN		137.7	190	90	S		66.76	40.83	41.18	0.00	-0.35	1.04S		0.357			
TIR	AC	HHZ		165.7	245	90	P		55.46	29.53	27.99	0.00	0.24	0.46		0.024	1.00	120 4.21 D	
TIR	AC	HHN		165.7	245	90		6	60.00	34.07	27.99	0.00		0.00		0.000	1.00		4.91.12 3.85 L
							S		75.49	49.56	48.98	0.00	0.28	1.04S		0.472			
KBN	AC	HHZ		169.6	206	90	P		55.06	29.13	28.62	0.00	0.41	1.04		0.169	1.00	149 4.40 D	
KBN	AC	HHN		169.6	206	90	S		75.29	49.36	50.08	0.00	-0.32	1.04S		0.347			
BPA1	AC	HHZ		219.4	231	56	P		62.40	36.47	35.84	0.00	0.23	1.04		0.125			
BPA1	AC	HHN		219.4	231	56	S		88.77	62.84	62.72	0.00	0.12	1.04S		0.357			
BPA2	AC	HHZ		221.3	231	56	P		61.21	35.28	36.09	0.00	-0.31	1.03		0.124			
LSK	AC	HHZ		224.2	204	56	P		62.20	36.27	36.47	0.00	-0.20	1.04		0.174			
LSK	AC	HHN		224.2	204	56		6	60.00	34.07	36.47	0.00		0.00		0.000	1.00		13 .57 4.59 L
							S		90.36	64.43	63.82	0.00	0.31	1.04S		0.260			
SRN	AC	HHZ		273.9	212	56	P		68.54	42.61	43.04	0.00	-0.43	1.04		0.145			
SRN	AC	HHN		273.9	212	56	S		104.44	78.51	75.32	0.00	0.19	0.00S		0.000			
IGT	AC	HHN		296.5	203	56	S		106.22	80.29	80.55	0.00	-0.26	1.04S		0.260			
IGT	AC	HHZ		296.5	203	56	P		69.45	43.52	46.03	0.00	-0.41	0.00		0.000			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2017-	05-	14	0446 6.29	38 53.71	21E54.53	18.46	0.40	3.89	7.03	4.58	4.23	4.6

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T	N.FMG-FMMAD-T	SOURCE L F X
18	27	109.3	Atl	276	21	0	16	7	18	#	3.00 0.08 L	5.00 0.11 D	

14 MAY 2017, 4:46 SEQUENCE NO.   1, ID NO.   0
ERROR ELLIPSE: <SERR AZ DIP>-<   8.04 163 61>-<   3.62 312 25>-<   2.66 49 13>

REGION= Greqi (Greece)

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W-FMAG-T	AMP-PER-W-XMAG-T
LKD2	AC	HHN		109.3	265	71	S		38.84	32.55	33.37	0.00	-0.22	1.08S		0.589			
LKD2	AC	HHZ		109.3	265	71	P		26.34	20.05	19.07	0.00	0.48	1.08		0.332			

```
IGT  AC HHZ   153.6 298  71  P     32.69 26.40 26.15 0.00  0.25  1.08     0.194
IGT  AC HHN   153.6 298  71  S     52.92 46.63 45.76 0.00  0.47  1.08S    0.381
LSK  AC HHZ   179.2 322  71  P     36.26 29.97 30.22 0.00 -0.25  1.08     0.293 1.00 107   4.11 D
LSK  AC HHN   179.2 322  71     6  60.00 53.71 30.22 0.00        0.00     0.000 1.00               63 .63   5.04 L
                          S     61.05 54.76 52.88 0.00  0.48  0.91S    0.446
SRN  AC HHZ   197.5 305  57  P     39.57 33.28 33.03 0.00  0.25  1.08     0.094 1.00 112   4.16 D
SRN  AC HHN   197.5 305  57     6  60.00 53.71 33.03 0.00        0.00     0.000 1.00               14 .50   4.50 L
                          S     62.83 56.54 57.80 0.00 -0.26  1.08S    0.280
FNA  AC HHZ   214.2 349  51  P     41.02 34.73 35.33 0.00 -0.40  1.08     0.206
FNA  AC HHN   214.2 349  51  S     65.01 58.72 61.83 0.00 -0.41  0.15S    0.007
KBN  AC HHZ   214.6 334  51  P     43.60 37.31 35.39 0.00  0.42  0.89     0.091 1.00 135   4.34 D
KBN  AC HHN   214.6 334  51     6  60.00 53.71 35.39 0.00        0.00     0.000 1.00               14 .60   4.58 L
                          S     68.19 61.90 61.93 0.00 -0.03  1.08S    0.326
TIR  AC HHZ   323.3 329  51  P     56.28 49.99 49.76 0.00  0.23  1.08     0.121 1.00 161   4.58 D
TIR  AC HHN   323.3 329  51  S     93.79 87.50 87.08 0.00  0.42  1.08S    0.321
PHP  AC HHZ   334.0 339  51  P     57.08 50.79 51.17 0.00 -0.38  1.08     0.154 1.00 105   4.23 D
PHP  AC HHN   334.0 339  51  S     89.21 82.92 89.55 0.00 -0.43  0.00S    0.000
BCI  AC HHZ   415.8 339  51  P     67.07 60.78 61.99 0.00 -0.41  1.08     0.154
BCI  AC HHN   415.8 339  51  S    106.66100.37108.48 0.00 -0.41  0.00S    0.000



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-17  0414 41.97  41 57.17   19E16.48   2.11  0.07  2.00  1.58  2.18  2.63  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
   6    9  80.0  Atl  271   6   0   6   3   6      #       3.00  0.36 L    3.00  0.01 D

17 MAY 2017,  4:14  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   3.27 273 52>-<   0.85 102 37>-<   0.50   8  3>

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    80.0  54  51  P     57.03 15.06 15.00 0.00  0.06  1.06     0.517 1.00  24   2.65 D
BCI  AC HHE    80.0  54  51     6  60.00 18.03 15.00 0.00        0.00     0.000 1.00            0.44 .34   2.18 L
                          S     68.26 26.29 26.25 0.00  0.04  1.06S    0.842
TIR  AC HHZ    83.3 143  51  P     57.44 15.47 15.56 0.00 -0.09  1.06     0.578 1.00  23   2.62 D
TIR  AC HHN    83.3 143  51     6  60.00 18.03 15.56 0.00        0.00     0.000 1.00            0.17 .43   1.80 L
                          S     69.34 27.37 27.23 0.00  0.14  0.72S    0.700
PHP  AC HHZ   101.4 106  51  P     60.62 18.65 18.66 0.00 -0.01  1.06     0.517 1.00  23   2.63 D
PHP  AC HHN   101.4 106  51     6  60.00 18.03 18.66 0.00        0.00     0.000 1.00            0.67 .40   2.54 L
                          S     74.57 32.60 32.65 0.00 -0.05  1.06S    0.842
```

```
YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-21  1249  9.64  41 55.50   19E13.07   5.58  0.05  1.98  3.71  2.89  2.78  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
   6    9  83.8  Atl  275   8   0   5   3   6             3.00  0.01 L    3.00  0.06 D

21 MAY 2017, 12:49  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<   4.20 274 61>-<   1.15  86 27>-<   0.50 178  3>

REGION=  Mali Zi (Montenegro)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
TIR  AC HHZ    83.8 139  62  P     25.21 15.57 15.06 0.00  0.41  0.00     0.000 1.00  28   2.78 D
TIR  AC HHN    83.8 139  62     6   0.00 -9.64 15.06 0.00        0.00     0.000 1.00            0.67 .62   2.40 L
                           S     36.00 26.36 26.35 0.00  0.01  1.00S    0.999
BCI  AC HHZ    85.7  54  62  P     25.08 15.44 15.39 0.00  0.05  1.00     0.623 1.00  26   2.72 D
BCI  AC HHN    85.7  54  62     6   0.00 -9.64 15.39 0.00        0.00     0.000 1.00             2.0 .46   2.90 L
                           S     36.52 26.88 26.93 0.00 -0.05  1.00S    0.876
PHP  AC HHZ   105.1 104  62  P     28.29 18.65 18.72 0.00 -0.07  1.00     0.623 1.00  32   2.92 D
PHP  AC HHN   105.1 104  62     6   0.00 -9.64 18.72 0.00        0.00     0.000 1.00             1.4 .25   2.89 L
                           S     42.43 32.79 32.76 0.00  0.03  1.00S    0.876



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2017-05-21  2151 48.48  41 57.11   19E23.07   6.23  0.15  1.79  2.97  1.99  2.68  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
   6    9  72.9  Atl  261  11   0   5   2   6      -      3.00  0.23 L    3.00  0.03 D

21 MAY 2017, 21:51  SEQUENCE NO.    1, ID NO.         0
ERROR ELLIPSE: <SERR AZ DIP>-<  23.97   0 90>-<   1.79 279  0>-<   0.95   8  0>

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    72.9  50  90  P     61.71 13.23 13.15 0.00  0.08  1.05     0.504 1.00  25   2.68 D
BCI  AC HHN    72.9  50  90     6  60.00 11.52 13.15 0.00        0.00     0.000 1.00            0.32 .21   1.99 L
                           S     71.33 22.85 23.01 0.00 -0.16  1.05S    0.681
TIR  AC HHZ    78.1 149  90  P     62.30 13.82 14.05 0.00 -0.23  1.05     0.760 1.00  24   2.65 D
TIR  AC HHN    78.1 149  90     6  60.00 11.52 14.05 0.00        0.00     1.000 1.00            0.17 .41   1.76 L
                           S     71.75 23.27 24.59 0.00 -0.32  0.00S    0.000
PHP  AC HHZ    92.6 108  90  P     65.60 17.12 16.55 0.00  0.47  0.80     0.156 1.00  26   2.73 D
PHP  AC HHN    92.6 108  90     6  60.00 11.52 16.55 0.00        0.00     0.000 1.00            0.41 .18   2.26 L
```

S 77.41 28.93 28.96 0.00 -0.03 1.05S 0.897

Tërmete të largëta (Long distance earthquake)

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	05	01	1231	55.3							6.2	Southeastern Alaska
GAP=				hor.err=			ver.err=					

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
BCI	AC	iP		1243	45.33					
PHP	AC	iP		1243	48.71					
NOCI	AC	iP		1243	50.58					
TIR	AC	iP		1243	50.91					
FNA	AC	iP		1243	52.83					
BPA1	AC	iP		1243	55.56					
BPA2	AC	iP		1243	55.95					
SCTE	AC	iP		1243	55.98					
VLO	AC	iP		1243	57.14					
SRN	AC	iP		1243	57.97					
KBN	AC	iP		1243	58.31					
LSK	AC	iP		1243	58.14					
IGT	AC	iP		1243	58.48					

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2017	05	05	0509	36.33							5.9	Tajikistan
GAP=				hor.err=			ver.err=					

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
FNA	AC	iP		0516	53.36					
PHP	AC	iP		0516	57.18					
BCI	AC	iP		0516	58.77					
LSK	AC	iP		0516	59.64					
LKD2	AC	iP		0517	01.62					
IGT	AC	iP		0517	01.64					
SRN	AC	iP		0517	01.85					

```
BPA1 AC iP       0517 02.72
BPA2 AC iP       0517 03.01
SCTE AC iP       0517 10.16


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-09  0206 51.03                        5.9    RYUKYU ISLANDS, JAPAN
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
FNA  AC iP       0206 49.13
PHP  AC iP       0206 51.03
BCI  AC iP       0206 51.19
LSK  AC iP       0206 55.33
SRN  AC iP       0206 56.02
BPA1 AC iP       0206 54.03
BPA2 AC iP       0206 54.06
KBN  Ac ip       0206 51.84


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-09  1352 13.7                         6.8    Vanuatu
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
FNA  AC iP       1411 12.35
PHP  AC iP       1411 13.35
KBN  AC iP       1411 14.40
LSK  AC iP       1411 15.24
TIR  AC iP       1411 15.26
BPA1 AC iP       1411 16.40
SRN  AC iP       1411 16.40
BCI  AC iP       1411 16.96
VLO  AC iP       1411 18.85
IGT  AC iP       1411 20.07
```

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

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
 2017 05 01  1542 43.09                                  BPA1
 GAP=                     hor.err=           ver.err=

 STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
 BPA1 SZ IPG      1542 48.80
 BPA1 SE ISG      1542 53.11
 BPA2 SZ IPG      1542 49.21
 BPA2 SE ISG      1542 53.89


 Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
 2017-05-01  1542 43.09                                BPA1
 GAP=                     hor.err=           ver.err=

 STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
 BPA1 SZ IPG      1542 48.80
 BPA1 SE ISG      1542 53.11
 BPA2 SZ IPG      1542 49.21
 BPA2 SE ISG      1542 53.89


 Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
 2017-05-04  1450 53.22                           Fier, Rajoni Fierit (Fier, Fieri Region, Albania)
 GAP=                     hor.err=           ver.err=
 STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
 BPA1 SZ IPG      1450 57.52
 BPA1 SE ISG      1451 00.61
 BPA2 SZ IPG      1450 57.63
```

```
BPA2 SE ISG      1451 01.07


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-04  1452 22.44                              Fier, Rajoni Fierit (Fier, Fieri Region, Albania)
GAP=                    hor.err=           ver.err=
STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      1452 26.80
BPA1 SE ISG      1452 30.27
BPA2 SZ IPG      1452 27.23
BPA2 SE ISG      1452 30.70


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-08  0413 29.46
GAP=                    hor.err=           ver.err=
STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0413 29.98
PHP  SE ISG      0413 45.00
TIR  SZ IPG     0413 30.98
TIR  SE ISG      0413 46.47


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-08  0423 31.46
GAP=                    hor.err=           ver.err=
STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0423 31.96                          25      2.59 D
PHP  SE ISG      0423 46.60
TIR  SZ IPG      0423 32.65                          22   2.51 D
TIR  SE ISGE      0423 49.18


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-10  1800  9.88
GAP=                    hor.err=           ver.err=
STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      1800 14.15                              10      1.78 D
BPA1 SE ISG      1800 17.39
BPA2 SZ IPG      1800 14.35                          10    1.78 D
BPA2 SE ISG     1800 17.66
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-10  1816  9.84
GAP=                    hor.err=           ver.err=
STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      1816 14.04                          9     1.69 D
BPA1 SE ISG      1816 17.05
BPA2 SZ IPG      1816 14.46                            7     1.49 D
BPA2 SE ISG      1816 18.07
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-10  2347 58.37
GAP=                    hor.err=           ver.err=
STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
BPA2 SZ IPG      2348 02.44                          9     1.83 D
BPA2 SE ISG     2348 05.18
BPA1 SZ IPG      2348 02.10                          9     1.85 D
BPA1 SE ISG      2348 05.21
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-16  0631 41.58
GAP=                    hor.err=           ver.err=
STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      0631 46.13                          7     1.49 D
BPA1 SE ISG      0631 49.36
BPA2 SZ IPG      0631 46.51                          6     1.37 D
BPA2 SE ISG      0631 50.39
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-16  0631 59.16
GAP=                    hor.err=           ver.err=
STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      0632 03.52                          6     1.41 D
BPA1 SE ISG       0632 06.77
BPA2 SZ IPG      0632 03.93                          7     1.56 D
BPA2 SE ISG      0632 07.53
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-16  0632 49.08                          Sinjë, Rajoni Beratit (Sinjë,  Berati Region, Albania)
GAP=                    hor.err=          ver.err=
STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      0632 53.86                          6     1.43 D
BPA1 SE ISG      0632 57.64
BPA2 SZ IPG      0632 54.48                          6     1.45 D
BPA2 SE ISG      0632 58.34
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-16  0636 00.63
 GAP=                    hor.err=          ver.err=
STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      0636 04.97                          6     1.35 D
BPA1 SE ISG      0636 08.15
BPA2 SZ IPG      0636 05.47                          5     1.21 D
BPA2 SE ISG      0636 09.18
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-16  0637 18.15                          Sinjë, Rajoni Beratit (Sinjë,  Berati Region, Albania)
 GAP=                    hor.err=          ver.err=
STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      0637 22.28                          6     1.39 D
BPA1 SE ISG      0637 25.35
BPA2 SZ IPG      0637 22.69                          6     1.41 D
BPA2 SE ISG      0637 26.12
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-16  0642 57.34                          Sinjë, Rajoni Beratit (Sinjë,  Berati Region, Albania)
 GAP=                    hor.err=          ver.err=
STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      0643 01.44                          6     1.39 D
BPA1 SE ISG      0643 04.47
BPA2 SZ IPG      0643 01.84                          6     1.40 D
BPA2 SE ISG      0643 05.27
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-16  0651 52.89
 GAP=                     hor.err=          ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      0651 56.81
BPA1 SE ISG      0651 59.67
BPA2 SZ IPG      0651 57.29                                 7     1.48 D
BPA2 SE ISG      0652 00.67
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-16  0828 48.33                             Sinjë, Rajoni Beratit (Sinjë,  Berati Region, Albania)
 GAP=                     hor.err=          ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      0828 52.87                                 5     1.28 D
BPA1 SE ISG      0828 56.26
BPA2 SZ IPG      0828 53.26                                       5     1.30 D
BPA2 SE ISG      0828 56.97
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-16  0841 30.60
 GAP=                     hor.err=          ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      0841 34.55
BPA1 SE ISG      0841 37.39
BPA2 SZ IPG      0841 34.94                                 6   1.37 D
BPA2 SE ISG      0841 38.32
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-16  0915 10.09                             Sinjë, Rajoni Beratit (Sinjë,  Berati Region, Albania)
 GAP=                     hor.err=          ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      0915 14.20                                 5     1.19 D
BPA1 SE ISG      0915 17.20
BPA2 SZ IPG      0915 14.74                                       5     1.20 D
BPA2 SE ISG      0915 18.31
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-16  0933 29.27                          Sinjë, Rajoni Beratit (Sinjë,  Berati Region, Albania)
 GAP=                    hor.err=          ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      0933 33.60                         7       1.48 D
BPA1 SE ISG      0933 36.60
BPA2 SZ IPG      0933 34.01                         6     1.36 D
BPA2 SE ISG      0933 37.86
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-16  1107 22.36                          Sinjë, Rajoni Beratit (Sinjë,  Berati Region, Albania)
 GAP=                    hor.err=          ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      1107 26.57                         5     1.21 D
BPA1 SE ISG      1107 29.65
BPA2 SZ IPG      1107 27.02                               5     1.22 D
BPA2 SE ISG      1107 30.59
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-16  1151 51.00                          Sinjë, Rajoni Beratit (Sinjë,  Berati Region, Albania)
 GAP=                    hor.err=          ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      1151 56.38                         6     1.53 D
BPA1 SE ISG      1152 00.66
BPA2 SZ IPG      1151 56.85                         5     1.40 D
BPA2 SE ISG      1152 00.98
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-16  1236 39.93                          Sinjë, Rajoni Beratit (Sinjë,  Berati Region, Albania)
 GAP=                    hor.err=          ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      1236 45.23                               9     1.85 D
BPA1 SE ISG      1236 49.04
BPA2 SZ IPG      1236 45.53                         8     1.77 D
BPA2 SE ISG      1236 49.99
```

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

```
2017-05-16  2052 56.81                          Sinjë, Rajoni Beratit (Sinjë,  Berati Region, Albania)
 GAP=                    hor.err=          ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      2053 00.35
BPA1 SE ISG      2053 02.99
BPA2 SZ IPG      2053 00.77                              7     1.50 D
BPA2 SE ISG      2053 03.76
```

```
 Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-16  2056 46.34                          Sinjë, Rajoni Beratit (Sinjë,  Berati Region, Albania)
 GAP=                    hor.err=          ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
BPA1 SE ISG      2056 53.79
BPA1 SZ IPG      2056 50.70                              6     1.45 D
BPA2 SZ IPG      2056 51.12                              6       1.46 D
BPA2SE ISG      2056 54.88
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-16  2238  1.79                          Sinjë, Rajoni Beratit (Sinjë,  Berati Region, Albania)
 GAP=                    hor.err=          ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      2238 5.44                              6     1.34 D
BPA1 SE ISG      2238 8.70
BPA2 SZ IPG      2238 6.41                              6     1.36 D
BPA2 SE ISG      2238 9.35
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-16  2247  6.27                          Sinjë, Rajoni Beratit (Sinjë,  Berati Region, Albania)
 GAP=                    hor.err=          ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      2247 10.53
BPA1 SE ISG      2247 13.61
BPA2 SZ IPG      2247 10.99
BPA2 SE ISG      2247 14.64
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-17  1332 33.80                          Sinjë, Rajoni Beratit (Sinjë,  Berati Region, Albania)
```

```
 GAP=                      hor.err=           ver.err=
STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      1332 41.08
BPA1 SE ISG      1332 38.05
BPA2 SZ IPG      1332 38.49
BPA2 SE ISG      1332 42.16


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-17  0205 50.73                              Sinjë, Rajoni Beratit (Sinjë,  Berati Region, Albania)
 GAP=                      hor.err=           ver.err=
STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      0205 55.11
BPA1 SE ISG      0205 58.25
BPA2 SZ IPG      0205 55.48
BPA2 SE ISG      0205 59.19


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-17  0225 47.51
 GAP=                      hor.err=           ver.err=
STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      0225 51.78
BPA1 SE ISG      0225 54.76
BPA2 SZ IPG      0225 52.18
BPA2 SE ISG      0225 55.97


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-17  0520  6.32
 GAP=                      hor.err=           ver.err=
STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      0520  09.71                            6
BPA1 SE ISG      0520  12.16
BPA2 SZ IPG      0520  10.13
BPA2 SE ISG      0520  13.08


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-17  0602 22.46
 GAP=                      hor.err=           ver.err=
```

```
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      0602 26.02
BPA1 SE ISG      0602 28.66
BPA2 SZ IPG      0602 26.37
BPA2 SE ISG      0602 29.33


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-17  0622 35.83
 GAP=                    hor.err=           ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      0622 40.24
BPA1 SE ISG      0622 43.65
BPA2 SZ IPG      0622 40.73
BPA2 SE ISG      0622 44.30


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-17  0812  4.88
 GAP=                    hor.err=           ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
BPA1 AC HHZ      0812 09.57
BPA1 SE ISG      0812 13.03
BPA2 AC HHZ      0812 10.03
BPA2 SE ISG      0812 13.95


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-17  1242 23.09
 GAP=                    hor.err=           ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      1242 26.72
BPA1 AC HHN      1242 29.61
BPA2 SZ IPG      1242 27.16
BPA2 AC HHN      1242 30.05


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-17  1327 58.32
 GAP=                    hor.err=           ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
```

```
BPA1 SZ IPG      1328 02.27
BPA1 SE ISG      1328 05.13
BPA2 SZ IPG      1328 02.66
BPA2 SE ISG      1328 06.02
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-17  1334 12.03
 GAP=                     hor.err=          ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      1334 16.63
BPA1 SE ISG      1334 20.00
BPA2 SZ IPG      1334 17.02
BPA2 SE ISG      1334 20.85
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-18  0438  4.83
 GAP=                     hor.err=          ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      0438 08.23
BPA1 SE ISG      0438 10.81
BPA2 SZ IPG      0438 08.64
BPA2 SE ISG      0438 11.47
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-19  0700 42.78
 GAP=                     hor.err=          ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      0700 47.37
BPA1 SE ISG      0700 50.66
BPA2 SZ IPG      0700 47.69
BPA2 SE ISG      0700 51.53
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-19  1022 43.93
 GAP=                     hor.err=          ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      1022 48.30
```

```
BPA1 SE ISG      1022 51.43
BPA2 SZ IPG      1022 48.71
BPA2 SE ISG      1022 52.45


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-19  1316 26.14
 GAP=                     hor.err=          ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      1316 30.42
BPA1 SE ISG      1316 33.37
BPA2 SZ IPG      1316 30.82
BPA2 SE ISG      1316 34.64


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-19  1406 30.23
 GAP=                     hor.err=          ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
BPA2 SZ IPG      1406 31.10
BPA2 SE ISG      1406 31.84
BPA1 SZ IPG      1406 31.25
BPA1 SE ISG      1406 31.93


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-19  1614 34.53
 GAP=                     hor.err=          ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      1614 38.73
BPA1 SE ISG      1614 41.59
BPA2 SZ IPG      1614 39.23
BPA2 SE ISG      1614 43.08


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-19  1741  0.69
 GAP=                     hor.err=          ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      1741 05.41
BPA1 SE ISG      1741 08.84
```

```
BPA2 SZ IPG      1741 05.88
BPA2 SE ISG      1741 09.88


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-19  2135 19.18
 GAP=                     hor.err=           ver.err=
STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      2135 20.03
BPA1 SE ISG     2135 20.78
BPA2 SZ IPG      2135 20.31
BPA2 SE ISG      2135 21.05


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-20  0021 56.14
 GAP=                     hor.err=           ver.err=
STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      0021 59.81
BPA1 SE ISG      0022 02.74
BPA2 SZ IPG      0022 00.33
BPA2 SE ISG      0022 03.29


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-20  0354 29.31
 GAP=                     hor.err=           ver.err=
STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      0354 32.54
BPA1 SE ISG      0354 34.54
BPA2 SZ IPG      0354 32.82
BPA2 SE ISG      0354 35.86


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-23  0211 41.45
 GAP=                     hor.err=           ver.err=
STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG      0211 46.83
BPA1 SE ISG      0211 50.97
BPA2 SZ IPG      0211 47.11
BPA2 SE ISG      0211 52.51
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  0606 09.73                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0606 11.52
PHP  SE ISG      0606 15.26



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  0620 33.06                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0620 36.60
PHP  SE ISG      0620 40.48



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  0623 51.99                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0623 55.30
PHP  SE ISG      0623 59.04



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  0624 07.05                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0624 10.15
PHP  SE ISG      0624 14.05



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  0625 18.03                                  PHP
```

```
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0625 21.88
PHP  SE ISG      0625 25.63



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  0626 11.10                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0626 14.09
PHP  SE ISG      0626 17.73



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-24  0628 38.96
 GAP=                    hor.err=           ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  AC HHZ      0628 43.88                                  9     1.90 D
PHP  AC HHN      0628 47.39
TIR  AC HHZ      0628 46.37
TIR  AC HHN      0628 52.83



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  0628 56.99                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0629 02.34
PHP  SE ISG      0629 06.10



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  0637 24.99                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0637 31.47
```

```
PHP  SE ISG      0637 34.88


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  0638 21.03                                    PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0638 24.62
PHP  SE ISG      0638 28.26


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  0640 23.69                                    PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0640 25.90
PHP  SE ISG      0640 29.62


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  0642 28.08                                    PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0642 33.05
PHP  SE ISG      0642 36.82


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-24  0644  6.61
 GAP=                    hor.err=           ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  AC HHZ      0644 11.29
PHP  AC HHN      0644 14.88
TIR  AC HHZ      0644 14.30
TIR  AC HHN      0644 20.34
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  0839 12.19                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0839 16.11
PHP  SE ISG      0839 19.60



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  0841 47.9                                   PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0841 51.68
PHP  SE ISG      0841 55.62



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  0853 20.04                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0853 23.80
PHP  SE ISG      0853 27.66



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  0857 41.02                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0857 44.88
PHP  SE ISG      0857 48.76



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

2017 05 24  1033 33.06                                  PHP
GAP=                    hor.err=           ver.err=
```

```
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1033 33.06
PHP  SE ISG      1033 36.18


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

2017 05 24  1034 16.34                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1034 16.34
PHP  SE ISG      1034 21.36


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

2017 05 24  1035 12.93                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1035 12.93
PHP  SE ISG      1035 17.23


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

2017 05 24  1035 57.70                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1035 57.70
PHP  SE ISG      1036 01.09


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

2017 05 24  1037 43.46                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
```

```
PHP  SZ IPG      1037 43.46
PHP  SE ISG      1037 47.06


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

2017 05 24  1037 54.42                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1037 54.42
PHP  SE ISG      1037 58.39


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

2017 05 24  1038 21.88                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1038 21.88
PHP  SE ISG      1038 29.66


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

2017 05 24  1038 51.36                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1038 51.36
PHP  SE ISG      1038 55.77


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

2017 05 24  1039 28.86                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1039 28.86
```

```
PHP  SE ISG      1039 33.96


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

2017 05 24  1040 11.02                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1040 11.02
PHP  SE ISG      1040 14.31


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

2017 05 24  1040 39.90                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1040 39.90
PHP  SE ISG      1040 43.44


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

2017 05 24  1041 31.91                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1041 31.91
PHP  SE ISG      1041 35.54


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

2017 05 24  1042 13.28                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1042 13.28
PHP  SE ISG      1042 17.02
```

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

2017 05 24  1043 21.49                                    PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1043 21.49
PHP  SE ISG      1043 22.67



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

2017 05 24  1045 33.55                                    PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1045 33.55
PHP  SE ISG      1045 36.99



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

2017 05 24  1046 12.55                                    PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1046 12.55
PHP  SE ISG      1046 16.16



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

2017 05 24  1050 19.98                                    PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1050 19.98
PHP  SE ISG      1050 23.60
```

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

2017-05-24  1053 26.92
GAP=                    hor.err=          ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1053 31.80
PHP  SE ISG      1053 35.10
TIR  SZ IPG      1053 33.37
TIR  SE ISG      1053 39.13


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

2017 05 24  1058 04.62                                    PHP
GAP=                    hor.err=          ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1058 04.62
PHP  SE ISG      1058 07.67



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

2017 05 24  1100 14.98                                    PHP
GAP=                    hor.err=          ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1100 14.98
PHP  SE ISG      1100 18.81



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

2017 05 24  1103 16.19                                    PHP
GAP=                    hor.err=          ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1103 16.19
PHP  SE ISG      1103 19.77
```

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

2017 05 24  1105 59.15                                    PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1105 59.15
PHP  SE ISG      1106 02.91



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

2017 05 24  1109 44.03                                    PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1109 44.03
PHP  SE ISG      1109 47.58



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

2017 05 24  1114 21.11                                    PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1114 21.11
PHP  SE ISG      1114 24.82



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

2017 05 24  1116 47.47                                    PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1116 47.47
PHP  SE ISG      1116 50.46
```

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

2017 05 24  1118 39.26                                    PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1118 39.26
PHP  SE ISG      1118 42.71



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

2017 05 24  1125 43.34                                    PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1125 43.34
PHP  SE ISG      1125 47.00



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

2017 05 24  1135 42.88                                    PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1135 42.88
PHP  SE ISG      1135 46.75



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

2017 05 24  1140 29.67                                    PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1140 29.67
PHP  SE ISG      1140 33.54



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

```
2017 05 24  1142 18.72                                    PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1142 18.72
PHP  SE ISG      1142 23.53



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

2017 05 24  1142 59.55                                    PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1142 59.55
PHP  SE ISG      1143 03.35



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

2017 05 24  1153 24.11                                    PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1153 24.11
PHP  SE ISG      1153 28.58



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

2017 05 24  1154 44.83                                    PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1154 44.83
PHP  SE ISG      1154 48.46



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

```
2017 05 24  1158 09.84                                      PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1158 09.84
PHP  SE ISG      1158 13.62



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

2017 05 24  1158 33.33                                      PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1158 33.33
PHP  SE ISG      1158 37.09



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1213 10.78                                      PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1213 10.78
PHP  SE ISG      1213 11.42



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1215 48.90                                      PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1215 48.90
PHP  SE ISG      1215 51.00



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1222 33.00                                      PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
```

```
PHP  SZ IPG      1222 33.00
PHP  SE ISG      1222 35.14


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1223 26.51                                    PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1223 26.51
PHP  SE ISG      1223 27.49


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1223 51.57                                    PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1223 51.57
PHP  SE ISG      1223 54.11


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1230 09.16                                        PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1230 09.16
PHP  SE ISG      1230 12.22


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1237 50.60                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1237 50.60
PHP  SE ISG      1237 52.36
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1242 47.72                                      PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1242  47.72
PHP  SE ISG      1242  48.92



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1302  00.01                                     PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1302  00.01
PHP  SE ISG      1302  02.33



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1313  02.42                                   PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1313  02.42
PHP  SE ISG      1313  03.56



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1317  32.09                                   PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1317  32.09
PHP  SE ISG      1317  34.89



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1318  42.09                                   PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
```

```
PHP  SZ IPG      1318  42.09
PHP  SE ISG      1318  44.15


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1346  42.96                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1346  42.96
PHP  SE ISG      1346  44.06


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1409  11.75                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1409  11.75
PHP  SE ISG      1409  13.05


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1502  35.72                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1502  35.72
PHP  SE ISG      1502  37.99


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1507  15.88                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1507  15.88
PHP  SE ISG      1507  17.04
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1528  30.11                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1528  30.11
PHP  SE ISG      1528  33.06



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1550  13.79                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1550  13.79
PHP  SE ISG      1550  15.01



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1615  28.33                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1615  28.33
PHP  SE ISG      1615  29.96


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1617  50.53                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1617  50.53
PHP  SE ISG      1617  53.62



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1643  41.52                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1643  41.52
```

```
PHP  SE ISG      1643  43.69


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

2017-05-24  1714 30.65
GAP=                    hor.err=           ver.err=
STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1714 35.39                                 21    2.42 D
PHP  SE ISG      1714 38.61
TIR  SZ IPG      1714 37.74                                 14    2.15 D
TIR  SE ISG      1714 43.26


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1720  24.52                                PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1720  24.52
PHP  SE ISG      1720  26.02


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1738  03.77                                     PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1738  03.77
PHP  SE ISG      1738  05.20


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1748  16.03                                     PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1748  16.03
PHP  SE ISG      1748  18.33
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1748  59.78                                PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1748  59.78
PHP  SE ISG      1749  02.03



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1801  47.75                                PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1801  47.75
PHP  SE ISG      1801  49.36



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1846  34.34                                PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1846  34.34
PHP  SE ISG      1846  36.04



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1848  22.73                                PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1848  22.73
PHP  SE ISG      1848  25.01



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1922  31.61                                PHP
GAP=                    hor.err=           ver.err=
```

```
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1922  31.61
PHP  SE ISG      1922  33.44


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1933  05.50                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1933  05.50
PHP  SE ISG      1933  08.26


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1937  29.62                                  PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1937  29.62
PHP  SE ISG      1937  31.77


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1943  24.38                             PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1943  24.38
PHP  SE ISG      1943  26.80


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1949  12.19                             PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1949  12.19
PHP  SE ISG      1949  15.36
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  1955  58.36                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1955  58.36
PHP  SE ISG      1955  59.91



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  2023  40.08                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2023  40.08
PHP  SE ISG      2023  43.36


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-24  2023 34.95
GAP=                    hor.err=           ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2023 39.85                                    11    2.10 D
PHP  SE ISG      2023 43.62
TIR  SZ IPG      2023 41.93
TIR  SE ISG      2023 46.73



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-24  2027 16.84
GAP=                    hor.err=           ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2027 21.80                                    12    2.17 D
PHP  SE ISG      2027 25.48
TIR  SZ IPG      2027 24.48
TIR  SE ISG      2027 30.25



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-24  2031 36.57
GAP=                    hor.err=           ver.err=
```

```
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2031 41.47                         12    2.18 D
PHP  SE ISG      2031 45.11
TIR  SZ IPG      2031 43.56
TIR  SE ISG      2031 49.31


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  2034  30.17                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2034  33.79
PHP  SE ISG      2034  37.67


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  2046  27.96                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2046  29.11
PHP  SE ISG      2046  32.82


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-24  2050 26.67
GAP=                    hor.err=           ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2050 32.21                         12    2.18 D
PHP  SE ISG      2050 36.33
TIR  SZ IPG      2050 33.71
TIR  SE ISG      2050 39.16


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  2116  55.60                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2116  55.67
```

```
PHP  SE ISG      2116  59.37


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  2125  58.60                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2126  02.00
PHP  SE ISG      2126  05.79


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  2133  31.33                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2133  35.24
PHP  SE ISG      2133  39.13


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  2205  56.04                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2206  00.04
PHP  SE ISG      2206  03.81


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  2207  06.13                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2207  11.32
PHP  SE ISG      2207  15.31


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

```
2017 05 24  2212  35.99                              PHP
GAP=                    hor.err=            ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2212  40.84
PHP  SE ISG      2212  44.52



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  2244  56.19                              PHP
GAP=                    hor.err=            ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2244  59.91
PHP  SE ISG      2245  04.47



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-24  2257 36.83
GAP=                    hor.err=            ver.err=
STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2257 41.84
PHP  SE ISG      2257 45.59
TIR  SZ IPG      2257 44.11
TIR  SE ISG      2257 49.58



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  2305  00.00                              PHP
GAP=                    hor.err=            ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2305  01.56
PHP  SE ISG      2305  05.53



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  2305  36.99                              PHP
GAP=                    hor.err=            ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
```

```
PHP  SZ IPG      2305  39.52
PHP  SE ISG      2305  43.34


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  2324  46.99                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2324  48.81
PHP  SE ISG      2324  52.93


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  2342  40.99                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2342  44.05
PHP  SE ISG      2342  47.92


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  2345  19.00                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2345  21.84
PHP  SE ISG      2342  25.51


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  2354  03.09                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2354  08.93
PHP  SE ISG      2354  12.75

Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 24  2356  01.11                              PHP
```

```
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2356  06.58
PHP  SE ISG      2356  10.38



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 25  0116  06.60                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0116  09.27
PHP  SE ISG      0116  13.07



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 25  0129  28.01                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0129  29.44
PHP  SE ISG      0129  33.42



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 25  0140  38.09                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0140  38.09
PHP  SE ISG      0140  41.59



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 25  0145  50.37                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0145  50.37
PHP  SE ISG      0145  50.37
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 25  0201  49.06                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0201  49.06
PHP  SE ISG      0201  52.22



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 25  0213  21.24                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0213  21.24
PHP  SE ISG      0213  24.91



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 25  0224  39.88                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0224  39.88
PHP  SE ISG      0224  42.93



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 25  0312  59.75                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0312  59.75
PHP  SE ISG      0313  03.39



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-25  0319 49.98
```

```
GAP=                    hor.err=          ver.err=
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  AC HHZ      0319 54.90                                  8     1.79 D
PHP  AC HHN      0319 58.31
TIR  AC HHZ      0319 57.00                             11    2.10 D
TIR  AC HHN      0320 01.96


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 25  0334  03.33                          PHP
GAP=                    hor.err=          ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0334  03.33
PHP  SE ISG      0334  07.14


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 25  0345  35.36                          PHP
GAP=                    hor.err=          ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0345  35.36
PHP  SE ISG      0345  39.22


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 25  0520  33.93                          PHP
GAP=                    hor.err=          ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0520  33.93
PHP  SE ISG      0520  37.47


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 25  0709  09.72                          PHP
GAP=                    hor.err=          ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0709  09.72
```

```
PHP  SE ISG      0709  13.02


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 25  0726  16.37                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0726  16.37
PHP  SE ISG      0726  19.75


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 25  0814  57.46                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0814  57.46
PHP  SE ISG      0815  01.00


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 25  0818  26.01                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0818  26.01
PHP  SE ISG      0818  29.23


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 25  0822  52.17                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0822  52.17
PHP  SE ISG      0822  56.06


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

```
2017 05 25  0859  47.72                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0859  47.72
PHP  SE ISG      0859  51.24



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 25  0926  26.46                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0926  26.46
PHP  SE ISG      0926  26.46



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 25  1123  59.60                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1123  59.60
PHP  SE ISG      1124  02.97



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 25  1407  29.82                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1407  29.82
PHP  SE ISG      1407  33.39



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 25  1858  28.29                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1858  28.29
```

```
PHP  SE ISG      1858  31.63


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 25  2048  27.85                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2048  27.85
PHP  SE ISG      2048  30.98


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 25  2311  16.42                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2311  16.42
PHP  SE ISG      2311  20.04


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 25  2322  06.26                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2322  06.26
PHP  SE ISG      2322  09.69


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 25  2326  18.30                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2326  18.30
PHP  SE ISG      2326  21.71


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

```
2017 05 25  2327  46.23                              PHP
GAP=                    hor.err=            ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2327  46.23
PHP  SE ISG      2327  49.37



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 25  2327  46.23                              PHP
GAP=                    hor.err=            ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2327  46.23
PHP  SE ISG      2327  49.37



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 26  0019  29.82                              PHP
GAP=                    hor.err=            ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0019  29.82
PHP  SE ISG      0019  33.22



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-26  0244 51.98
GAP=                    hor.err=            ver.err=
STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
BPA1 AC HHZ      0244 55.59                                 5     1.39 D
BPA1 AC HHE      0244 58.30
BPA2 AC HHZ      0244 56.03                                 5     1.39 D
BPA2 AC HHE      0244 59.07



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 26  0310  53.64                              PHP
GAP=                    hor.err=            ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
```

```
PHP  SZ IPG      0310  53.64
PHP  SE ISG      0310  57.27


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 26  0412  53.15                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0412  53.15
PHP  SE ISG      0412  57.05


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 26  0845  03.41                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0845  03.41
PHP  SE ISG      0845  03.41


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 26  1209  54.77                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1209  54.77
PHP  SE ISG      1209  58.42


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 26  1509  14.26                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1509  14.26
PHP  SE ISG      1509  17.87
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 26  1847  18.33                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1847  18.33
PHP  SE ISG      1847  21.82



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 26  2212  29.77                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2212  29.77
PHP  SE ISG      2212  33.65



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 27  0335  47.59                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0335  47.59
PHP  SE ISG      0335  52.67



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 27  0352  07.09                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0352  07.09
PHP  SE ISG      0352  11.40



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 27  0442  16.87                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
```

```
PHP  SZ IPG      0442  16.87
PHP  SE ISG      0442  20.92


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 27  1015  35.19                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1015  35.19
PHP  SE ISG      1015  38.97


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 27  1125  47.87                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1125  47.87
PHP  SE ISG      1125  50.90


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 27  1150  03.11                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1150  03.11
PHP  SE ISG      1150  06.38


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 27  1150  56.17                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1150  56.17
PHP  SE ISG      1150  59.95
```

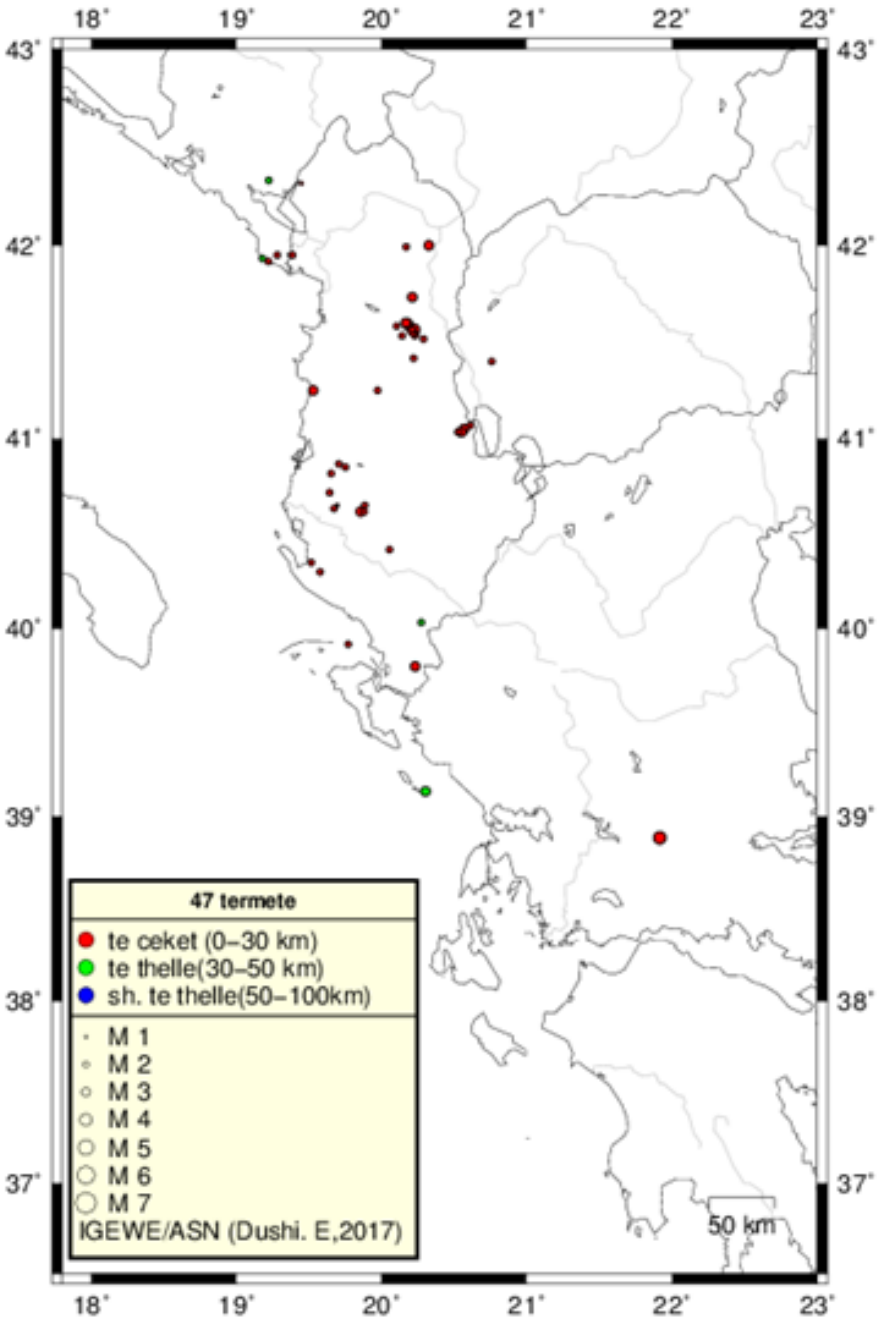
```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 27  1308  27.73                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1308  27.73
PHP  SE ISG      1308  31.61



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 27  1413  47.45                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1413  47.45
PHP  SE ISG      1413  48.11



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 27  1451  46.79                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1451  46.79
PHP  SE ISG      1451  49.15



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 28  0005  12.39                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0005  12.39
PHP  SE ISG      0005  14.01



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 28  0005  59.28                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
```

```
PHP  SZ IPG      0005  59.28
PHP  SE ISG      0006  01.13


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 28  0217  33.62                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0217  33.62
PHP  SE ISG      0217  37.03


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 28  0436  52.35                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0436  52.35
PHP  SE ISG      0436  55.40


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 28  0528  37.35                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      0528  37.35
PHP  SE ISG      0528  40.99


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 28  2112  39.47                          PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2112  39.47
PHP  SE ISG      2112  44.47
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 28  2123  13.37                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2123  13.37
PHP  SE ISG      2123  18.68



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 28  2140  31.99                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2140  31.99
PHP  SE ISG      2140  37.06



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 28  2145  40.95                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2145  40.95
PHP  SE ISG      2145  46.12



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 28  2150  29.26                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2150  29.26
PHP  SE ISG      2150  33.51



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 28  2205  28.33                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
```

```
PHP  SZ IPG      2205  28.33
PHP  SE ISG      2205  33.68


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 28  2206  50.60                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2206  50.60
PHP  SE ISG      2206  55.51


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 28  2226  48.67                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2226  48.67
PHP  SE ISG      2226  51.93


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 28  2234  27.34                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2234  27.34
PHP  SE ISG      2234  34.32


Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017 05 28  2309  08.86                              PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2309  08.86
PHP  SE ISG      2309  13.74
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2017-05-30  0724 10.18
GAP=                    hor.err=           ver.err=
STAT SP IPHASW D HRMM SECON              AZIMU RES   DIS   DUR   Md
BPA1 SZ IPG     0724 13.82
BPA1 SE ISG      0724 16.57
BPA2 SZ IPG      0724 14.22                                      6    1.60 D
BPA2 SE ISG      0724 17.23
```



-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 Maj 2017, bazuar në regjistrimet e ASN dhe stacioneve sizmologjike në rajon.
(*Epicentral map for located seismicity within Albania and surrounding during May 2017)*

Statistika e ngjarjeve (Events Statistics)

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

Të dhënat përfaqësuese	Representative Parameters	Vlerat (observed values)
Numuri i përgjitshëm i ngjarjeve të regjistruara *(kuandrati 39^0-43^0 V; 18.5^0-21.5^{0}L)*	[total recorded number of seismic events]	47
Numuri i ngjarjeve sizmike brenda kufirit shtetëror	[earthquakes occurred within state border]	41
Thellësia mesatare e vrojtuar (km)	[mean observed depth]	12
Thellësia maksimale e vrojtuar (km)	[maximum observed depth]	40
Magnituda lokale minimale e vrojtuar ($M_{L/d}$)	[minimum observed local magnitude]	1.8
Magnituda lokale maksimale e vrojtuar ($M_{L/d}$)	[maximum observed local magnitude]	4.5
Intensiteti maksimal i vrojtuar (MSK-64)	[maximum observed intensity]	V-VI

REFERENCA (*References*)

- Sulstarova, E., Koçiaj, S., (1975). “Katalogu i tërmeteve të Shqipërisë”, Qendra Sizmologjike, ASH të Shqipërisë.
- Nanometrics Inc. (©2002-2004). “ Atlas-seismic analysis tool”, ver. 1.1 User Guide.
- Klein. W. F., (2002). “User’s guide to Hypoinverse-2000, a fortran program to solve for earthquake location and magnitudes”, 4/2002 version, USGS, Open File Report 02-171.
- Ormëni. Rr (2011). "P- & S-Wave Velocity Model of the crust and uppermost mantle of the Albania region" ELSEVIER, Journal of Tectonophysic, Vol 497, 2011.
- Natvik, O., (2014). “Seisan explorer v. 2.4.0”, University of Bergen, Department of Earth Science (© 2012).
- Ottemöller, L., Voss, P., Hskov, J., (2014). “SEISAN – earthquake analyzing software”, Department of Earth Science, University of Bergen, Norway; Geological Survey of Denmark and Greenland, Denmark, (June 18, 2014©).
- OrigineLab Corporation (©1991-2002). “Origine programm v.7.0 SRO”, Northampton, MA 01060 USA (http://www.OrigineLab.com).