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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

Dhjetor 2014

Përpiloi:

Prof. Asoc. 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. Asoc. 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. Asoc. 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} – 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)

– 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)

B. 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**	
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**

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**	
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**

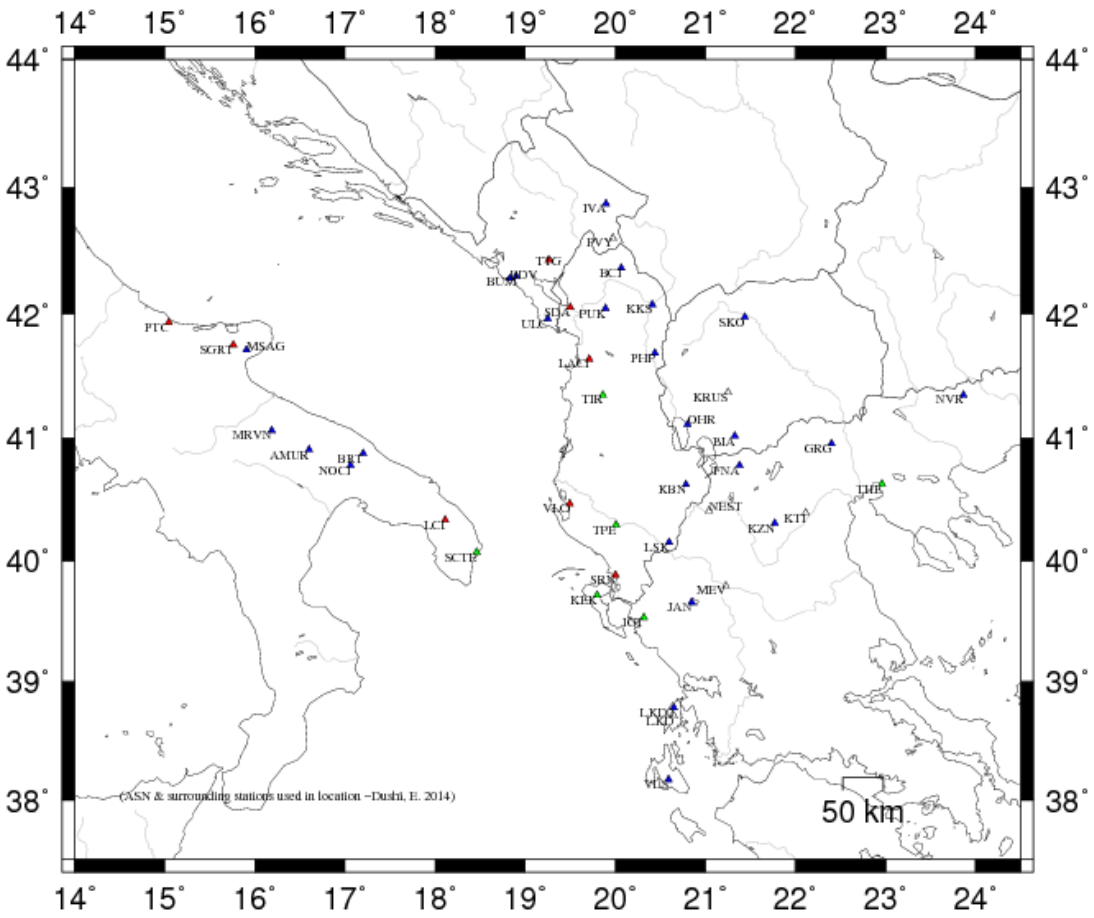
Shënim:

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

Kodi	**Regjistruar (Po/Jo)**	**Gjer. Gjeo.**	**Gjat. Gjeo.**	**Lartesia**	**Tipi i stacionit**	**Sensori**	**Terheqja e Informacionit**	**Komunikimi**	
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**	
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	#	#	#	#	#

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 , [*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*)

```
YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-01  0239 31.15  41 10.47   20E 4.39   2.83  0.16  1.28  1.47        2.44
                                                                                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  26.0  Atl  290  23   0   6   3   6      #       0.00  0.00 L    2.00  0.01 D
REGION= 7km V të Elbasanit, Elbasani Rajon [7km N of Elbasan, Elbasani Region, Albania]

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
TIR  AC HHZ    26.0 318  94  P     36.80  5.65  5.42 0.00  0.23  1.00     0.499 1.00  21   2.43 D
TIR  AC HHN    26.0 318  94  S     40.85  9.70  9.49 0.00  0.21  1.00S    0.836
PHP  AC HHZ    64.5  28  55  P     43.15 12.00 12.06 0.00 -0.06  1.00     0.499 1.00  19   2.44 D
PHP  AC HHN    64.5  28  55  S     52.40 21.25 21.10 0.00  0.14  1.00S    0.836
PUK  AC HHZ    97.6 352  55  P     48.73 17.58 17.77 0.00 -0.19  0.99     0.492
PUK  AC HHN    97.6 352  55  S     62.21 31.06 31.10 0.00 -0.04  0.99S    0.834


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-01  1419 29.88  40 43.55   19E41.78   2.79  0.16  0.42  0.75  2.64  2.88
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  23   33  11.0  Atl  116   8   0   7   4  22             2.00  0.48 L    1.00  0.00 D
REGION= 3km J të Rroskovec, Rajoni Fier [3km S of Rroskovec, Fier Region, Albania]

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
FIER AC HHE    11.0 266  96  S     33.75  3.87  4.09 0.00 -0.23  1.53S    0.644
FIER AC HHZ    11.0 266  96  P     32.54  2.66  2.34 0.00  0.32  1.51     0.349
BER  AC HHN    21.2  95  92  S     37.40  7.52  7.54 0.00 -0.02  1.53S    0.641
BER  AC HHZ    21.2  95  92  P     34.14  4.26  4.31 0.00 -0.05  1.53     0.352
VLO  AC HHN    33.2 211  62  S     41.48 11.60 11.60 0.00  0.00  1.53S    0.998
VLO  AC HHZ    33.2 211  62  P     35.82  5.94  6.63 0.00 -0.19  0.00     0.000 1.00  34   2.88 D
VLO  AC HHE    33.2 211  62     6   0.00-29.88  6.63 0.00        0.00     0.000 1.00              13 .23   3.11 L
TIR  AC HHE    70.5  11  62     6   0.00-29.88 13.03 0.00        0.00     0.000 1.00            0.51 .75   2.16 L
                           S     52.64 22.76 22.80 0.00 -0.04  1.12S    0.731
TIR  AC HHZ    70.5  11  62  P     42.93 13.05 13.03 0.00  0.02  1.12     0.280
SRN  AC HHE    97.4 164  62  S     60.27 30.39 30.89 0.00 -0.50  0.02S    0.000
SRN  AC HHZ    97.4 164  62  P     47.78 17.90 17.65 0.00  0.25  0.08     0.001
LSK  AC HHN    99.8 129  62  S     61.73 31.85 31.60 0.00  0.24  0.04S    0.000
LSK  AC HHZ    99.8 129  62  P     47.16 17.28 18.06 0.00 -0.48  0.00     0.000
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PHP  AC HHN   123.4  30  62  S     68.48 38.60 38.73 0.00 -0.13  0.00S    0.000
PHP  AC HHZ   123.4  30  62  P     52.81 22.93 22.13 0.00  0.40  0.00     0.000
IGT  AC HHN   143.2 157  62  S     73.71 43.83 44.66 0.00 -0.43  0.00S    0.000
IGT  AC HHZ   143.2 157  62  P     55.58 25.70 25.52 0.00  0.18  0.00     0.000
PUK  AC HHN   147.2   6  62  S     76.24 46.36 45.85 0.00  0.31  0.00S    0.000
PUK  AC HHZ   147.2   6  62  P     56.36 26.48 26.20 0.00  0.28  0.00     0.000
BCI  AC HHN   184.8   9  55  S     86.74 56.86 56.40 0.00  0.46  0.00S    0.000
BCI  AC HHZ   184.8   9  55  P     62.53 32.65 32.23 0.00  0.42  0.00     0.000
NOCI AC HHZ   222.4 273  47  P     67.52 37.64 38.17 0.00 -0.43  0.00     0.000
LKD2 AC HHZ   230.3 158  43  P     68.67 38.79 39.25 0.00 -0.46  0.00     0.000


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-05  0245 27.66  41 55.15   20E16.58   1.73  0.07  0.65  1.43        2.34
                                                                          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  29.4  Atl  171   9   0   5   3   6              0.00  0.00 L    3.00  0.18 D
REGION= Arren, Rajoni Kukes [Arren, Kukesi 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    29.4 152  61  P     33.50  5.84  5.93 0.00 -0.09  1.19     0.622 1.00  15   2.16 D
PHP  AC HHN    29.4 152  61  S     38.09 10.43 10.38 0.00  0.05  1.19S    0.876
PUK  AC HHZ    34.6 294  61  P     34.70  7.04  6.94 0.00  0.10  1.19     0.622 1.00  18   2.34 D
PUK  AC HHE    34.6 294  61  S     39.76 12.10 12.15 0.00 -0.05  1.19S    0.876
BCI  AC HHZ    52.6 341  51  P     37.29  9.63 10.06 0.00 -0.43  0.05     0.001 1.00  23   2.59 D
BCI  AC HHN    52.6 341  51  S     45.28 17.62 17.60 0.00  0.01  1.19S    0.999


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-07  0508 18.98  41  5.15   20E17.49   6.01  0.13  1.13  2.77        2.74
                                                                          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  46.1  Atl  300  22   0   8   4   8      #       0.00  0.00 L    3.00  0.01 D
REGION= 14km L të Elbasanit, Rajoni Elbasanit [14km E of Elbasani, Elbasani Region, Albania]

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
TIR  AC HHZ    46.1 310  90  P     27.41  8.43  8.55 0.00 -0.12  1.09     0.465 1.00  23   2.58 D
TIR  AC HHE    46.1 310  90  S     33.92 14.94 14.96 0.00 -0.02  1.09S    0.663
PHP  AC HHZ    67.7  10  90  P     31.09 12.11 12.25 0.00 -0.14  1.09     0.457 1.00  27   2.74 D
PHP  AC HHN    67.7  10  90  S     40.36 21.38 21.44 0.00 -0.06  1.09S    0.603
PUK  AC HHZ   111.4 343  90  P     38.73 19.75 19.76 0.00 -0.01  1.09     0.238 1.00  26   2.75 D
PUK  AC HHN   111.4 343  90  S     53.36 34.38 34.58 0.00 -0.20  1.09S    0.479
BCI  AC HHZ   143.5 353  68  P     44.44 25.46 25.28 0.00  0.18  1.09     0.780
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BCI  AC HHN   143.5 353  68  S     63.57 44.59 44.24 0.00  0.35  0.35S    0.311


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-08  0823 32.78  42  4.26   19E59.05   0.02  0.18  0.99  2.93        2.29
                                                                          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   8.2  Atl  127  10   0   6   3   6      #       0.00  0.00 L    3.00  0.00 D
REGION= 6km VL të Pukës, Rajoni Pukë [6km NE of Puka, Puka Region, Albania]

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
PUK  AC HHZ     8.2 248  90  P     33.85  1.07  1.80 0.00 -0.73* 0.50     0.143 1.00  18   2.21 D
PUK  AC HHN     8.2 248  90  S     35.99  3.21  3.15 0.00  0.06  1.53S    0.969
BCI  AC HHZ    33.5  11  61  P     39.58  6.80  6.91 0.00 -0.11  1.53     0.861 1.00  17   2.29 D
BCI  AC HHN    33.5  11  61  S     45.04 12.26 12.09 0.00  0.17  1.53S    0.954
PHP  AC HHZ    57.3 138  51  P     43.75 10.97 11.10 0.00 -0.13  0.45     0.298 1.00  16   2.29 D
PHP  AC HHN    57.3 138  51  S     52.27 19.49 19.42 0.00  0.07  0.45S    0.771


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-08  0829 38.85  42  3.29   19E58.26   3.45  0.25  1.24  1.75        1.62
                                                                          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   6.6  Atl  124   8   0   6   3   6      #       0.00  0.00 L    1.00  0.00 D
REGION= 4km VL të Pukës, Rajoni Pukë [4km NE of Puka, Puka Region, Albania]

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
PUK  AC HHZ     6.6 259  90  P     39.32  0.47  1.45 0.00 -0.98* 0.53     0.159 1.00   9   1.62 D
PUK  AC HHE     6.6 259  90  S     41.37  2.52  2.54 0.00 -0.02  1.51S    0.966
BCI  AC HHZ    35.5  12  61  P     46.01  7.16  7.29 0.00 -0.13  1.50     0.845
BCI  AC HHN    35.5  12  61  S     51.80 12.95 12.76 0.00  0.19  1.50S    0.949
PHP  AC HHZ    56.7 136  51  P     49.24 10.39 10.99 0.00 -0.60* 0.48     0.306
PHP  AC HHN    56.7 136  51  S     58.29 19.44 19.23 0.00  0.21  0.48S    0.773


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-08  0847 12.66  42  3.05   19E57.74   5.12  0.45  2.39  3.09        1.8
                                                                          SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
   6    9   5.8  Atl  127   9   0   6   3   6      #       0.00  0.00 L    2.00  0.19 D
REGION= 4km L të Pukës, Rajoni Pukë [4km E of Puka, Puka Region, Albania]
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STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
PUK  AC HHZ     5.8 262  90  P     13.10  0.44  1.28 0.00 -0.24  1.30     0.605 1.00  11   1.79 D
PUK  AC HHN     5.8 262  90  S     15.31  2.65  2.24 0.00  0.41  1.30S    0.871
BCI  AC HHZ    36.1  13  61  P     19.66  7.00  7.41 0.00 -0.41  1.30     0.605
BCI  AC HHN    36.1  13  61  S     26.04 13.38 12.97 0.00  0.41  1.30S    0.871
PHP  AC HHZ    56.9 135  51  P     23.02 10.36 11.03 0.00 -0.47  0.40     0.280
PHP  AC HHN    56.9 135  51  S     32.18 19.52 19.30 0.00  0.22  0.40S    0.765


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-08  1018 32.26  42  0.79   19E42.45   4.34  0.16  0.92  0.90        2.44
                                                                                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  15.7  Atl  228   9   0   7   3   8              0.00  0.00 L    3.00  0.09 D
REGION= 4km L të Vaut Dejës, Rajoni Pukë [4km E of Vau Dejes, Puka Region, Albania]

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
PUK  AC HHZ    15.7  77 100  P     35.65  3.39  3.28 0.00  0.11  1.12     0.454 1.00  18   2.25 D
PUK  AC HHN    15.7  77 100  S     37.94  5.68  5.74 0.00 -0.06  1.12S    0.753
BCI  AC HHZ    49.3  37  62  P     41.22  8.96  9.24 0.00 -0.28  1.07     0.416
BCI  AC HHE    49.3  37  62  S     48.57 16.31 16.17 0.00  0.14  1.12S    0.785
PHP  AC HHZ    71.0 120  62  P     45.44 13.18 12.97 0.00  0.21  0.90     0.235 1.00  19   2.44 D
PHP  AC HHN    71.0 120  62  S     54.83 22.57 22.70 0.00 -0.13  0.90S    0.799
TIR  AC HHZ    75.1 169  62  P     45.95 13.69 13.67 0.00  0.02  0.78     0.554 1.00  21   2.53 D
TIR  AC HHE    75.1 169  62  S     56.84 24.58 23.92 0.00  0.46  0.00S    0.000


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-08  1027 27.35  42  0.73   19E42.40   3.39  0.18  0.82  1.07        2.68
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  10   15  15.8  Atl  228   5   0   8   4  10              0.00  0.00 L    3.00  0.10 D
REGION= 4km L të Vaut Dejës, Rajoni Pukë [4km E of Vau Dejes, Puka Region, Albania]

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
PUK  AC HHZ    15.8  77  96  P     30.77  3.42  3.28 0.00  0.14  1.15     0.459 1.00  23   2.46 D
PUK  AC HHN    15.8  77  96  S     33.04  5.69  5.74 0.00 -0.05  1.15S    0.709
BCI  AC HHZ    49.4  37  62  P     36.40  9.05  9.35 0.00 -0.30  1.09     0.409
BCI  AC HHN    49.4  37  62  S     43.86 16.51 16.36 0.00  0.15  1.15S    0.775
PHP  AC HHZ    71.0 120  62  P     40.26 12.91 13.06 0.00 -0.15  0.93     0.156 1.00  25   2.68 D
PHP  AC HHN    71.0 120  62  S     50.11 22.76 22.85 0.00 -0.09  0.93S    0.693
TIR  AC HHZ    75.0 169  62  P     40.97 13.62 13.74 0.00 -0.12  0.82     0.384 1.00  28   2.78 D
TIR  AC HHN    75.0 169  62  S     51.70 24.35 24.05 0.00  0.30  0.76S    0.411
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LSK  AC HHZ   220.0 159  47  P     65.48 38.13 37.75 0.00  0.38  0.00     0.000
LSK  AC HHE   220.0 159  47  S     93.10 65.75 66.06 0.00 -0.31  0.00S    0.000


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-08  1234 41.57  42  0.79   19E43.18   3.69  0.11  2.00  1.16        2.08
                                                                                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  14.7  Atl  275   6   0   5   2   5              0.00  0.00 L    2.00  0.11 D
REGION= 4km L të Vaut Dejës, Rajoni Pukë [4km E of Vau Dejes, Puka Region, Albania]

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
PUK  AC HHZ    14.7  77  98  P     44.65  3.08  3.08 0.00  0.00  1.00     0.999 1.00  13   1.97 D
BCI  AC HHZ    48.7  36  62  P     50.61  9.04  9.20 0.00 -0.16  1.00     0.623
BCI  AC HHE    48.7  36  62  S     57.75 16.18 16.10 0.00  0.08  1.00S    0.876
PHP  AC HHZ    70.1 121  62  P     54.61 13.04 12.89 0.00  0.15  1.00     0.623 1.00  14   2.18 D
PHP  AC HHN    70.1 121  62  S     64.03 22.46 22.56 0.00 -0.10  1.00S    0.876


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-08  1335  8.92  41 36.00   19E39.32   2.31  0.26  1.05  1.88        2.44
                                                                                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  33.0  Atl  234   6   0   8   4   8      -       0.00  0.00 L    3.00  0.03 D
REGION= 4km JP të Lacit, Rajoni Mat [4km SW of Lacit, Laci 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    33.0 147  90  P     15.91  6.99  6.61 0.00  0.38  1.00     0.434 1.00  14   2.12 D
TIR  AC HHE    33.0 147  90  S     20.29 11.37 11.57 0.00 -0.20  1.00S    0.815
PUK  AC HHZ    53.0  21  62  P     19.15 10.23 10.06 0.00  0.17  1.00     0.311 1.00  20   2.47 D
PUK  AC HHE    53.0  21  62  S     26.82 17.90 17.60 0.00  0.30  1.00S    0.438
PHP  AC HHZ    66.1  81  62  P     20.99 12.07 12.32 0.00 -0.25  1.00     0.434 1.00  19   2.44 D
PHP  AC HHN    66.1  81  62  S     30.60 21.68 21.56 0.00  0.12  1.00S    0.815
BCI  AC HHZ    91.8  21  62  P     25.30 16.38 16.72 0.00 -0.34  1.00     0.311
BCI  AC HHN    91.8  21  62  S     38.01 29.09 29.26 0.00 -0.17  1.00S    0.438


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-08  1900  2.31  42  0.97   19E42.62   4.13  0.19  1.04  0.91        2.80
                                                                                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  15.4  Atl  227  11   0   8   4   8              0.00  0.00 L    4.00  0.08 D
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REGION= 4km L të Vaut Dejës, Rajoni Pukë [4km E of Vau Dejes, Puka Region, Albania]

STA	NET	COM	CR	DIST	AZM	AN	P/S	WT	SEC	(TOBS	-TCAL	-DLY	=RES)	WT	SR	INFO	CAL	DUR-W	FMAG-T	AMP-PER-W	XMAG-T
PUK	AC	HHZ		15.4	78	100	P		5.63	3.32	3.22	0.00	0.10	1.28		0.508	1.00	34	2.79 D		
PUK	AC	HHN		15.4	78	100	S		7.97	5.66	5.64	0.00	0.02	1.28S		0.748					
BCI	AC	HHZ		48.8	37	62	P		11.24	8.93	9.19	0.00	-0.26	1.28		0.495	1.00	36	2.97 D		
BCI	AC	HHN		48.8	37	62	S		18.58	16.27	16.08	0.00	0.19	1.28S		0.783					
PHP	AC	HHZ		71.0	121	62	P		15.12	12.81	12.99	0.00	-0.18	0.99		0.207	1.00	29	2.80 D		
PHP	AC	HHN		71.0	121	62	S		24.87	22.56	22.73	0.00	-0.17	0.99S		0.696					
TIR	AC	HHZ		75.4	170	62	P		16.55	14.24	13.74	0.00	0.50	0.13		0.013	1.00	24	2.65 D		
TIR	AC	HHE		75.4	170	62	S		26.71	24.40	24.05	0.00	0.35	0.78S		0.547					

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014-12-09			0002 46.56	41 31.34	20E 9.41	3.32	0.09	1.74	1.88		2.11	

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T		N.FMG-FMMAD-T		SOURCE L	F	X
8	12	29.8	Atl	180	21	0	8	4	8	#	0.00	0.00 L	2.00	0.00 D			

REGION= 3km VP të Bulqizës, Rajoni Bulqizë [3km E of Vau Dejes, 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		29.8	52	92	P		52.60	6.04	5.98	0.00	0.06	1.00		0.425					
PHP	AC	HHN		29.8	52	92	S		57.13	10.57	10.47	0.00	0.10	1.00S		0.695					
TIR	AC	HHZ		31.2	232	62	P		52.69	6.13	6.22	0.00	-0.09	1.00		0.405	1.00	14	2.11 D		
TIR	AC	HHE		31.2	232	62	S		57.55	10.99	10.88	0.00	0.11	1.00S		0.767					
PUK	AC	HHZ		61.8	340	62	P		58.17	11.61	11.49	0.00	0.12	1.00		0.432	1.00	13	2.11 D		
PUK	AC	HHE		61.8	340	62	S		66.74	20.18	20.11	0.00	0.07	1.00S		0.465					
BCI	AC	HHZ		94.1	356	62	P		63.48	16.92	17.03	0.00	-0.11	1.00		0.156					
BCI	AC	HHN		94.1	356	62	S		76.28	29.72	29.80	0.00	-0.08	1.00S		0.650					

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014-12-09			0004 16.32	41 29.74	20E10.78	20.39	0.17	0.57	0.83		2.89	

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	30.2	Atl	121	11	0	10	5	12		0.00	0.00 L	3.00	0.06 D			

REGION= 3km VP të Bulqizës, Rajoni Bulqizës [3km NW 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
PHP	AC	HHZ		30.2	45	116	P		22.56	6.24	6.35	0.00	-0.11	1.25		0.310	1.00	25	2.70 D		
PHP	AC	HHN		30.2	45	116	S		27.53	11.21	11.11	0.00	0.10	1.25S		0.698					
TIR	AC	HHZ		31.0	239	115	P		22.60	6.28	6.46	0.00	-0.18	1.25		0.299	1.00	31	2.89 D		
TIR	AC	HHE		31.0	239	115	S		27.77	11.45	11.31	0.00	0.14	1.25S		0.637					

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PUK  AC HHZ    65.3 339  99  P     28.03 11.71 11.99 0.00 -0.28  1.22     0.147 1.00  31   2.95 D
PUK  AC HHE    65.3 339  99  S     37.47 21.15 20.98 0.00  0.17  1.25S    0.435
BCI  AC HHZ    97.2 355  71  P     33.69 17.37 17.15 0.00  0.22  1.25     0.276
BCI  AC HHE    97.2 355  71  S     46.26 29.94 30.01 0.00 -0.07  1.25S    0.511
LSK  AC HHZ   153.6 166  71  P     42.92 26.60 26.15 0.00  0.45  0.05     0.001
LSK  AC HHN   153.6 166  71  S     62.19 45.87 45.76 0.00  0.11  0.72S    0.644
SRN  AC HHZ   180.0 185  71  P     46.81 30.49 30.37 0.00  0.12  0.26     0.036
SRN  AC HHN   180.0 185  71  S     70.11 53.79 53.15 0.00  0.64  0.00S    0.000


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-09  0221 47.25  42  4.46   19E56.99   4.79  0.09  7.22  8.45        2.11
                                                                                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   5.9  Atl  142   8   0   6   3   6      -       0.00  0.00 L    2.00  0.12 D
REGION=  4km VL të Pukës, Rajoni Pukë [4km E of Puke, Puka Region, Albania]

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
PUK  AC HHZ     5.9 234 125  P     47.91  0.66  1.54 0.00 -0.88* 0.25     0.034 1.00  14   1.99 D
PUK  AC HHE     5.9 234 125  S     49.95  2.70  2.69 0.00  0.01  1.68S    0.992
BCI  AC HHZ    33.9  16  62  P     53.88  6.63  6.56 0.00  0.07  1.68     0.948
BCI  AC HHE    33.9  16  62  S     58.68 11.43 11.48 0.00 -0.05  1.68S    0.983
PHP  AC HHZ    59.5 136  62  P     58.21 10.96 10.95 0.00  0.01  0.35     0.276 1.00  15   2.23 D
PHP  AC HHN    59.5 136  62  S     66.30 19.05 19.16 0.00 -0.11  0.35S    0.763


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-09  0531 15.45  42  3.85   19E59.44   4.35  0.30  1.43  2.04        2.39
                                                                                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   8.5  Atl  128  10   0   6   3   6      #       0.00  0.00 L    3.00  0.08 D
REGION=  5km VL të Pukës, Rajoni Pukë [5km E of Puke, Puka Region, Albania]

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
PUK  AC HHZ     8.5 254  90  P     16.80  1.35  1.85 0.00 -0.40  1.23     0.576 1.00  20   2.31 D
PUK  AC HHN     8.5 254  90  S     18.93  3.48  3.24 0.00  0.24  1.30S    0.876
BCI  AC HHZ    34.2  10  61  P     22.32  6.87  7.03 0.00 -0.16  1.30     0.618 1.00  24   2.59 D
BCI  AC HHN    34.2  10  61  S     27.96 12.51 12.30 0.00  0.21  1.30S    0.875
PHP  AC HHZ    56.3 138  51  P     26.69 11.24 10.93 0.00  0.31  0.43     0.287 1.00  18   2.39 D
PHP  AC HHN    56.3 138  51  S     34.41 18.96 19.13 0.00 -0.17  0.43S    0.767
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YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-09  0537 58.92  42  0.92   19E43.15   3.65  0.24  1.36  1.29        2.62
                                                                          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  14.7  Atl  226  10   0   7   4   8             0.00  0.00 L    3.00  0.02 D
REGION= 4km L të Vaut Dejës, Rajoni Pukë [4km E of Vau Dejes, Puka Region, Albania]

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
PUK  AC HHE    14.7  78  98  S     64.26  5.34  5.37 0.00 -0.03  1.18S    0.760
PUK  AC HHZ    14.7  78  98  P     62.15  3.23  3.07 0.00  0.16  1.18     0.525 1.00  18   2.25 D
BCI  AC HHN    48.5  36  62  S     75.21 16.29 16.05 0.00  0.24  1.18S    0.799
BCI  AC HHZ    48.5  36  62  P     67.70  8.78  9.17 0.00 -0.39  1.16     0.505 1.00  24   2.62 D
PHP  AC HHN    70.3 121  62  S     81.24 22.32 22.61 0.00 -0.29  0.83S    0.668
PHP  AC HHZ    70.3 121  62  P     71.92 13.00 12.92 0.00  0.08  0.83     0.200 1.00  24   2.64 D
TIR  AC HHN    75.1 170  62  S     83.30 24.38 24.06 0.00  0.32  0.66S    0.540
TIR  AC HHZ    75.1 170  62  P     74.62 15.70 13.75 0.00  0.55* 0.00     0.000



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-09  0917 30.55  42  0.16   19E40.87   2.17  0.04  1.27  2.23
                                                                          SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
   6    8  18.1  Atl  230   8   0   5   2   6             0.00  0.00 L    0.00  0.00 D
REGION= 6km VL të Pukës, Rajoni Pukë [6km NE of Puka, Puka Region, Albania]

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
PUK  AC HHZ    18.1  75  90  P     34.62  4.07  3.70 0.00  0.37  0.00     0.000
PUK  AC HHN    18.1  75  90  S     37.01  6.46  6.47 0.00 -0.02  1.03S    0.959
BCI  AC HHZ    51.5  38  62  P     40.40  9.85  9.82 0.00  0.03  1.03     0.883
BCI  AC HHN    51.5  38  62  S     47.71 17.16 17.18 0.00 -0.02  1.03S    0.928
PHP  AC HHZ    72.3 118  62  P     44.01 13.46 13.39 0.00  0.07  0.97     0.540
TIR  AC HHZ    74.3 168  62  P     44.24 13.69 13.74 0.00 -0.05  0.95     0.688



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-09  2009 12.87  42  4.12   19E58.92   0.02  0.13  0.86  2.43        2.39
                                                                          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   7.9  Atl  126  11   0   6   3   6      #      0.00  0.00 L    3.00  0.27 D
REGION= 5km VL të Pukës, Rajoni Pukë [5km NE of Puka, Puka Region, Albania]

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
PUK  AC HHZ     7.9 249  90  P     14.65  1.78  1.74 0.00  0.04  1.31     0.607 1.00  15   2.06 D
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PUK  AC HHN     7.9 249  90  S     15.82  2.95  3.05 0.00 -0.10  1.31S    0.871
BCI  AC HHZ    33.8  12  61  P     19.64  6.77  6.96 0.00 -0.19  1.31     0.607 1.00  19   2.39 D
BCI  AC HHN    33.8  12  61  S     25.20 12.33 12.18 0.00  0.15  1.31S    0.871
PHP  AC HHZ    57.2 138  51  P     24.00 11.13 11.08 0.00  0.05  0.39     0.277 1.00  25   2.66 D
PHP  AC HHN    57.2 138  51  S     32.22 19.35 19.39 0.00 -0.04  0.39S    0.764


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-09  2011 19.43  42  3.95   19E58.03   0.02  0.14  1.34  2.81        2.47
                                                                                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   6.7  Atl  125  10   0   6   3   6      #       0.00  0.00 L    3.00  0.05 D
REGION= 5km VL të Pukës, Rajoni Pukë [5km NE of Puka, Puka Region, Albania]

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
PUK  AC HHZ     6.7 248  90  P     20.93  1.50  1.46 0.00  0.04  1.58     0.860 1.00  17   2.16 D
PUK  AC HHN     6.7 248  90  S     22.69  3.26  2.55 0.00  0.70* 0.41S    0.312
BCI  AC HHZ    34.4  13  61  P     26.36  6.93  7.08 0.00 -0.15  1.58     0.827 1.00  21   2.47 D
BCI  AC HHN    34.4  13  61  S     31.76 12.33 12.39 0.00 -0.06  1.58S    0.943
PHP  AC HHZ    57.8 136  51  P     30.56 11.13 11.19 0.00 -0.06  0.43     0.288 1.00  21   2.52 D
PHP  AC HHN    57.8 136  51  S     39.03 19.60 19.58 0.00  0.02  0.43S    0.767


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-10  0024  8.90  42  3.18   19E59.48   2.64  0.13  1.50  3.62        1.74
                                                                                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   8.3  Atl  127   6   0   6   3   6              0.00  0.00 L    2.00  0.33 D
REGION= 10km VL të Pukës, Rajoni Pukë [10km NE of Puka, Puka Region, Albania]

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
PUK  AC HHZ     8.3 263  97  P     10.84  1.94  1.81 0.00  0.13  1.27     0.601 1.00   7   1.41 D
PUK  AC HHN     8.3 263  97  S     11.99  3.09  3.17 0.00 -0.08  1.27S    0.869
BCI  AC HHZ    35.4  10  62  P     15.75  6.85  7.01 0.00 -0.16  1.27     0.601 1.00  13   2.07 D
BCI  AC HHN    35.4  10  62  S     21.26 12.36 12.27 0.00  0.09  1.27S    0.869
PHP  AC HHZ    55.4 137  62  P     19.56 10.66 10.44 0.00  0.22  0.43     0.259
PHP  AC HHN    55.4 137  62  S     26.98 18.08 18.27 0.00 -0.19  0.47S    0.797


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-11  0420 35.40  42 17.10   19E29.98   3.47  0.17  1.31  1.75        2.50
                                                                                SOURCE
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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 42.2 Atl 275   7   0   8   4   8   0.00 0.00 L   3.00 0.08 D
REGION= 9km VL të Koplik, Rajoni Shkodër [9km NE of Koplik, 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
PUK AC HHZ   42.2 129 62 P   43.31 7.91 8.10 0.00 -0.19 1.02   0.349 1.00 21   2.50 D
PUK AC HHN   42.2 129 62 S   49.79 14.39 14.17 0.00 0.22 1.02S   0.447
BCI AC HHZ   47.7 78 62 P   44.49 9.09 9.05 0.00 0.04 1.02   0.447 1.00 19   2.42 D
BCI AC HHE   47.7 78 62 S   51.21 15.81 15.84 0.00 -0.03 1.02S   0.819
PHP AC HHZ   102.6 130 62 P   54.21 18.81 18.49 0.00 0.32 0.83   0.229 1.00 24   2.67 D
PHP AC HHN   102.6 130 62 S   67.52 32.12 32.36 0.00 -0.24 1.02S   0.438
TIR AC HHZ   108.4 163 62 P   54.81 19.41 19.49 0.00 -0.08 1.02   0.448
TIR AC HHE   108.4 163 62 S   69.56 34.16 34.11 0.00 0.05 1.02S   0.819

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH   RMS   ERH   ERZ XMAG FMAG PMAG
2014-12-12 2302 51.22 41 26.75   19E24.76   6.37 0.04 1.08 12.87   2.45
                                                                                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 39.4 Atl 285   8   0   6   3   6   -   0.00 0.00 L   3.00 0.31 D
REGION= 15km VP të Durrësit, Rajoni Durrës [15km NW of Durrës, Durrësi Region, Albania]

STA NET COM CR DIST AZM AN P/S WT   SEC (TOBS -TCAL -DLY =RES) WT   SR INFO CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
TIR AC HHZ   39.4 105 90 P   58.41 7.19 7.39 0.00 -0.20 0.36   0.092 1.00 12   2.02 D
TIR AC HHN   39.4 105 90 S   64.14 12.92 12.93 0.00 -0.01 1.13S   0.672
PUK AC HHZ   77.4 30 90 P   65.15 13.93 13.92 0.00 0.01 1.13   0.598 1.00 19   2.45 D
PUK AC HHN   77.4 30 90 S   75.55 24.33 24.36 0.00 -0.03 1.13S   0.681
PHP AC HHZ   89.8 72 90 P   67.29 16.07 16.05 0.00 0.02 1.13   0.339 1.00 27   2.76 D
PHP AC HHN   89.8 72 90 S   79.34 28.12 28.09 0.00 0.03 1.13S   0.616

YEAR MO DA --ORIGIN-- --LAT N- --LON W-- DEPTH   RMS   ERH   ERZ XMAG FMAG PMAG
2014-12-14 0157 11.61 41 51.98   20E 9.44   9.46 0.12 1.49 2.46   2.14
                                                                                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 29.4 Atl 182   8   0   6   3   6   -   0.00 0.00 L   2.00 0.10 D
REGION= 5km J të Klosit, Rajoni Burrelit [15km S of Klosi, 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
PUK AC HHZ   29.4 312 91 P   17.70 6.09 5.91 0.00 0.18 1.00   0.495 1.00 13   2.04 D
PUK AC HHN   29.4 312 91 S   21.85 10.24 10.34 0.00 -0.10 1.00S   0.836
PHP AC HHZ   31.0 130 90 P   17.84 6.23 6.23 0.00 0.00 1.00   0.497 1.00 16   2.23 D
PHP AC HHN   31.0 130 90 S   22.51 10.90 10.90 0.00 0.00 1.00S   0.836

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BCI  AC HHZ    56.1 353  62  P     22.02 10.41 10.58 0.00 -0.17  1.00     0.497
BCI  AC HHE    56.1 353  62  S     30.22 18.61 18.51 0.00  0.10  1.00S    0.836


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-14  0543 30.06  41 50.55   20E 7.89   3.31  0.14  0.56  1.39  2.74
                                                                          SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  10   14  29.8  Atl  129   8   0   8   4   8             3.00  0.27 L    0.00  0.00 D
REGION= 7km J të Klosit, Rajoni Burrelit [7km S of Klosi, 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
PUK  AC HHZ    29.8 319  92  P     36.21  6.15  5.98 0.00  0.17  1.00     0.409
PUK  AC HHE    29.8 319  92  S     40.72 10.66 10.47 0.00  0.19  1.00S    0.503
PUK  AC HHN    29.8 319  92     6   0.00-30.06  5.98 0.00        0.00     0.000 1.00               12 .14   3.03 L
PHP  AC HHZ    31.1 124  62  P     36.40  6.34  6.22 0.00  0.12  1.00     0.393
PHP  AC HHN    31.1 124  62     6   0.00-30.06  6.22 0.00        0.00     0.000 1.00              6.2 .23   2.76 L
                           S     41.01 10.95 10.88 0.00  0.06  1.00S    0.586
BCI  AC HHZ    58.5 355  62  P     40.81 10.75 10.91 0.00 -0.16  1.00     0.215
BCI  AC HHE    58.5 355  62  S     49.00 18.94 19.09 0.00 -0.15  1.00S    0.815
BCI  AC HHN    58.5 355  62     6   0.00-30.06 10.91 0.00        0.00     0.000 1.00              1.5 .31   2.45 L
TIR  AC HHZ    59.3 203  62  P     41.01 10.95 11.05 0.00 -0.10  1.00     0.286
TIR  AC HHE    59.3 203  62  S     49.33 19.27 19.34 0.00 -0.07  1.00S    0.789


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-15  0650 18.94  40 37.71   20E58.35   2.94  0.17  1.17  1.94        3.27
                                                                          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  61.9  Atl  225  11   0  13   6  14             0.00  0.00 L    6.00  0.06 D
REGION= Bilisht, Rajoni Korcës [Bilisht, Korca Region, Albania]

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
LSK  AC HHZ    61.9 211  62  P     30.41 11.47 11.54 0.00 -0.07  1.07     0.231 1.00  48   3.22 D
LSK  AC HHN    61.9 211  62  S     39.06 20.12 20.19 0.00 -0.08  1.07S    0.447
SRN  AC HHZ   117.3 226  62  P     39.99 21.05 21.05 0.00  0.00  1.07     0.203 1.00  44   3.20 D
SRN  AC HHN   117.3 226  62  S     55.64 36.70 36.84 0.00 -0.14  1.07S    0.449
TIR  AC HHZ   122.7 311  62  P     40.71 21.77 21.99 0.00 -0.22  1.07     0.326 1.00  63   3.51 D
TIR  AC HHE   122.7 311  62  S     57.67 38.73 38.48 0.00  0.25  1.07S    0.623
PHP  AC HHZ   125.5 340  62  P     41.22 22.28 22.46 0.00 -0.18  1.07     0.287 1.00  49   3.30 D
PHP  AC HHN   125.5 340  62  S     58.19 39.25 39.31 0.00 -0.06  1.07S    0.227
IGT  AC HHZ   133.6 205  62  P     43.14 24.20 23.85 0.00  0.35  1.07     0.283
IGT  AC HHN   133.6 205  62  S     61.35 42.41 41.74 0.00  0.67* 0.00S    0.000
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PUK  AC HHZ   181.2 331  55  P     50.78 31.84 31.63 0.00  0.21  1.07     0.171 1.00  43   3.23 D
PUK  AC HHE   181.2 331  55  S     74.38 55.44 55.35 0.00  0.09  1.07S    0.315
BCI  AC HHZ   207.3 339  55  P     55.32 36.38 35.80 0.00  0.58* 0.11     0.002 1.00  51   3.40 D
BCI  AC HHN   207.3 339  55  S     81.49 62.55 62.65 0.00 -0.10  1.07S    0.431



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-16  1814  4.33  41 25.23   20E28.93  14.05  0.08  1.17  3.06        2.44
                                                                                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  29.5  Atl  268  10   0   6   3   6              0.00  0.00 L    2.00  0.12 D
REGION= Ostren, Rajoni Dibër [Ostren, Diber 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    29.5 354 106  P     10.19  5.86  5.97 0.00 -0.11  1.00     0.497 1.00  17   2.32 D
PHP  AC HHN    29.5 354 106  S     14.83 10.50 10.45 0.00  0.05  1.00S    0.835
TIR  AC HHZ    52.3 262  90  P     14.03  9.70  9.73 0.00 -0.03  1.00     0.497
TIR  AC HHN    52.3 262  90  S     21.37 17.04 17.03 0.00  0.01  1.00S    0.835
PUK  AC HHZ    84.7 325  90  P     19.65 15.32 15.19 0.00  0.13  1.00     0.497 1.00  20   2.55 D
PUK  AC HHE    84.7 325  90  S     30.84 26.51 26.58 0.00 -0.07  1.00S    0.835



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-21  0145  5.13  41 58.59   20E12.38   5.83  0.06  0.66  1.95        2.10
                                                                                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  27.0  Atl  162   9   0   6   3   6              0.00  0.00 L    3.00  0.05 D
REGION=  8km J të Klosit, Rajoni Burrelit [8km S of Klosi, 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
PUK  AC HHZ    27.0 286  62  P     10.45  5.32  5.28 0.00  0.04  1.00     0.497 1.00  13   2.03 D
PUK  AC HHE    27.0 286  62  S     14.36  9.23  9.24 0.00 -0.01  1.00S    0.835
PHP  AC HHZ    37.8 148  62  P     12.34  7.21  7.14 0.00  0.07  1.00     0.497 1.00  14   2.15 D
PHP  AC HHN    37.8 148  62  S     17.59 12.46 12.49 0.00 -0.03  1.00S    0.835
BCI  AC HHZ    44.8 346  62  P     13.37  8.24  8.35 0.00 -0.11  1.00     0.497 1.00  13   2.10 D
BCI  AC HHN    44.8 346  62  S     19.79 14.66 14.61 0.00  0.05  1.00S    0.835



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-22  0127 51.44  40 36.10   19E55.44   0.11  1.11  0.37  0.95  2.80  2.79
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
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  19   28  39.2  Atl  108   7   0  17   9  18      #       1.00  0.00 L    4.00  0.06 D
REGION= 12km JP të Berat, Rajoni Beratit [12km SW of Berat, 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
VLO  AC HHZ    39.2 249  51  P     59.17  7.73  7.98 0.00 -0.25  1.12     0.269 1.00  28   2.74 D
VLO  AC HHN    39.2 249  51  S     65.39 13.95 13.97 0.00 -0.01  1.12S    0.550
VLO  AC HHE    39.2 249  51     6  60.00  8.56  7.98 0.00        0.00     0.000 1.00              5.7 .23   2.80 L
KBN  AC HHZ    73.1  87  51  P     64.98 13.54 13.81 0.00 -0.27  1.08     0.214 1.00  35   2.96 D
KBN  AC HHE    73.1  87  51  S     75.49 24.05 24.17 0.00 -0.12  1.12S    0.339
LSK  AC HHZ    76.2 130  51  P     65.29 13.85 14.33 0.00 -0.48  0.00     0.000 1.00  30   2.84 D
LSK  AC HHN    76.2 130  51  S     76.59 25.15 25.08 0.00  0.07  1.12S    0.292
SRN  AC HHZ    80.4 175  51  P     66.37 14.93 15.06 0.00 -0.13  1.12     0.196
SRN  AC HHE    80.4 175  51  S     77.89 26.45 26.35 0.00  0.10  1.12S    0.277
TIR  AC HHZ    83.0 357  51  P     66.77 15.33 15.51 0.00 -0.18  1.12     0.190 1.00  26   2.72 D
TIR  AC HHE    83.0 357  51  S     78.71 27.27 27.14 0.00  0.13  1.12S    0.249
IGT  AC HHZ   123.8 163  51  P     74.22 22.78 22.51 0.00  0.27  1.09     0.184
IGT  AC HHN   123.8 163  51  S     90.80 39.36 39.39 0.00 -0.03  1.12S    0.263
PHP  AC HHZ   127.9  19  51  P     74.85 23.41 23.21 0.00  0.20  1.12     0.191
PHP  AC HHN   127.9  19  51  S     92.06 40.62 40.62 0.00  0.00  1.12S    0.234
PUK  AC HHZ   160.1   0  46  P     80.29 28.85 28.65 0.00  0.20  1.05     0.129
PUK  AC HHN   160.1   0  46  S    101.54 50.10 50.14 0.00 -0.04  1.05S    0.255
BCI  AC HHZ   196.4   3  46  P     85.79 34.35 34.44 0.00 -0.09  0.68     0.054
BCI  AC HHN   196.4   3  46  S    111.60 60.16 60.27 0.00 -0.11  0.68S    0.106



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-22  1700 46.62  40  3.23   20E 2.11   2.25  0.22  0.56  1.04  2.77
                                                                          SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  20   28  19.5  Atl  127   9   0   8   4  19      #       5.00  0.07 L    0.00  0.00 D
REGION= 7km  P të Gjirokastër, Rajoni Gjirokastër [7km S of Gjirokaster, Gjirokaster 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    19.5 189  61  P     50.92  4.30  4.19 0.00  0.11  1.13     0.404
SRN  AC HHE    19.5 189  61  S     53.66  7.04  7.33 0.00 -0.29  1.13S    0.492
SRN  AC HHN    19.5 189  61     6   0.00-46.62  4.19 0.00        0.00     0.000 1.00              9.3 .30   2.80 L
LSK  AC HHZ    49.2  77  51  P     56.01  9.39  9.71 0.00 -0.32  1.13     0.431
LSK  AC HHN    49.2  77  51  S     63.62 17.00 16.99 0.00  0.01  1.13S    0.689
IGT  AC HHZ    63.2 156  51  P     58.41 11.79 12.12 0.00 -0.33  1.12     0.226
IGT  AC HHE    63.2 156  51  S     68.08 21.46 21.21 0.00  0.25  1.13S    0.528
VLO  AC HHZ    65.0 316  51  P     59.08 12.46 12.43 0.00  0.03  1.13     0.411
VLO  AC HHE    65.0 316  51     6  60.00 13.38 12.43 0.00        0.00     0.000 1.00              2.9 .18   2.84 L
                            S     68.46 21.84 21.75 0.00  0.09  1.13S    0.815
SCTE AC HHZ   133.7 272  51  P     70.26 23.64 24.22 0.00 -0.48  0.00     0.000
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FNA  AC HHZ   140.1  54  51  P     71.42 24.80 25.33 0.00 -0.43  0.00     0.000
TIR  AC HHZ   144.4 355  51  P     72.47 25.85 26.06 0.00 -0.21  0.00     0.000
TIR  AC HHE   144.4 355  51     6  60.00 13.38 26.06 0.00        0.00     0.000 1.00             0.44 .63   2.66 L
                           S     92.52 45.90 45.60 0.00  0.29  0.00S    0.000
LKD2 AC HHZ   150.3 158  51  P     74.00 27.38 27.08 0.00  0.30  0.00     0.000
LKD2 AC HHE   150.3 158  51  S     94.41 47.79 47.39 0.00  0.40  0.00S    0.000
PHP  AC HHZ   184.3  10  46  P     79.13 32.51 32.53 0.00 -0.02  0.00     0.000
PHP  AC HHN   184.3  10  46     6  60.00 13.38 32.53 0.00        0.00     0.000 1.00             0.27 .62   2.69 L
                           S    103.56 56.94 56.93 0.00  0.01  0.00S    0.000
PUK  AC HHZ   221.2 357  46  P     84.58 37.96 38.41 0.00 -0.45  0.00     0.000
PUK  AC HHN   221.2 357  46     6  60.00 13.38 38.41 0.00        0.00     0.000 1.00             0.20 .41   2.77 L
                           S    113.91 67.29 67.22 0.00  0.07  0.00S    0.000
BCI  AC HHZ   256.9   0  37  P     90.07 43.45 43.22 0.00  0.23  0.00     0.000


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-23  0201 38.52  40 35.98   19E54.20   1.06  0.14  0.33  0.94  3.24  2.94
                                                                                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  37.5  Atl  110   7   0  18   9  19      #       1.00  0.00 L    4.00  0.11 D
REGION= 13km JP të Berat, Rajoni Beratit [13km S of Berat, 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
VLO  AC HHZ    37.5 248  61  P     45.94  7.42  7.67 0.00 -0.25  1.08     0.297 1.00  30   2.79 D
VLO  AC HHN    37.5 248  61     6   0.00-38.52  7.67 0.00        0.00     0.000 1.00               16 .34   3.24 L
                           S     51.88 13.36 13.42 0.00 -0.06  1.10S    0.534
LSK  AC HHZ    77.4 130  51  P     53.06 14.54 14.54 0.00  0.00  1.10     0.183 1.00  37   3.01 D
LSK  AC HHE    77.4 130  51  S     63.92 25.40 25.44 0.00 -0.05  1.10S    0.273
SRN  AC HHZ    80.3 174  51  P     53.33 14.81 15.06 0.00 -0.25  1.08     0.147 1.00  31   2.87 D
SRN  AC HHN    80.3 174  51  S     64.96 26.44 26.35 0.00  0.08  1.10S    0.310
TIR  AC HHZ    83.1 358  51  P     54.08 15.56 15.53 0.00  0.03  1.10     0.183 1.00  40   3.09 D
TIR  AC HHN    83.1 358  51  S     65.84 27.32 27.18 0.00  0.14  1.10S    0.281
IGT  AC HHZ   124.1 162  51  P     61.25 22.73 22.57 0.00  0.16  1.10     0.156
IGT  AC HHE   124.1 162  51  S     78.16 39.64 39.50 0.00  0.14  1.10S    0.283
FNA  AC HHZ   126.8  80  51  P     61.49 22.97 23.03 0.00 -0.06  1.10     0.218
FNA  AC HHE   126.8  80  51  S     78.60 40.08 40.30 0.00 -0.22  1.10S    0.284
PHP  AC HHZ   128.7  20  51  P     61.94 23.42 23.36 0.00  0.06  1.10     0.187
PHP  AC HHN   128.7  20  51  S     79.26 40.74 40.88 0.00 -0.14  1.10S    0.239
SCTE AC HHZ   135.0 246  51  P     62.36 23.84 24.45 0.00 -0.61* 0.00     0.000
PUK  AC HHZ   160.3   0  46  P     67.54 29.02 28.69 0.00  0.33  0.60     0.043
PUK  AC HHN   160.3   0  46  S     88.75 50.23 50.21 0.00  0.02  0.97S    0.258
BCI  AC HHZ   196.7   3  46  P     72.78 34.26 34.50 0.00 -0.24  0.55     0.036
BCI  AC HHN   196.7   3  46  S     98.94 60.42 60.38 0.00  0.04  0.55S    0.080
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YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-24  0203 44.57  41 56.91   20E12.90   4.07  0.04  0.70  1.86        2.43
                                                                          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  28.7  Atl  161   8   0   6   3   6              0.00  0.00 L    3.00  0.03 D
REGION= 6km VL të Klosit, Rajoni Burrelit [6km NE of Klosi, 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
PUK  AC HHZ    28.7 292  62  P     50.25  5.68  5.73 0.00 -0.05  1.00     0.497 1.00  20   2.40 D
PUK  AC HHN    28.7 292  62  S     54.62 10.05 10.03 0.00  0.02  1.00S    0.835
PHP  AC HHZ    34.8 147  62  P     51.33  6.76  6.78 0.00 -0.02  1.00     0.497 1.00  20   2.43 D
PHP  AC HHN    34.8 147  62  S     56.44 11.87 11.86 0.00  0.00  1.00S    0.835
BCI  AC HHZ    48.0 346  62  P     53.68  9.11  9.05 0.00  0.06  1.00     0.497 1.00  23   2.59 D
BCI  AC HHN    48.0 346  62  S     60.37 15.80 15.84 0.00 -0.04  1.00S    0.835


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-24  0220 52.89  41 56.29   20E11.90   4.95  0.02  0.69  2.06        1.91
                                                                          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  27.9  Atl  156   9   0   5   3   6              0.00  0.00 L    2.00  0.10 D
REGION= 4km VL të Klosit, Rajoni Burrelit [4km NE of Klosi, 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
PUK  AC HHZ    27.9 295  62  P     58.37  5.48  5.51 0.00 -0.03  1.00     0.623 1.00  10   1.81 D
PUK  AC HHN    27.9 295  62  S     62.55  9.66  9.64 0.00  0.02  1.00S    0.876
PHP  AC HHZ    34.6 144  62  P     59.19  6.30  6.67 0.00 -0.37  0.00     0.000 1.00  12   2.00 D
PHP  AC HHN    34.6 144  62  S     64.57 11.68 11.67 0.00  0.01  1.00S    0.999
BCI  AC HHZ    48.8 348  62  P     62.03  9.14  9.11 0.00  0.03  1.00     0.623
BCI  AC HHN    48.8 348  62  S     68.81 15.92 15.94 0.00 -0.02  1.00S    0.876


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-24  0239 33.89  41  7.73   19E58.79   4.11  0.19  1.66  1.63        2.60
                                                                          SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
   8   12  26.1  Atl  308   7   0   7   4   8              0.00  0.00 L    3.00  0.01 D
REGION= 9km P të Elbasanit, Rajoni Elbasanit [8km W of Elbasan, Elbasan 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    26.1 339  95  P     39.20  5.31  5.29 0.00  0.02  1.23     0.496 1.00  20   2.39 D
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TIR  AC HHN    26.1 339  95  S     43.14  9.25  9.26 0.00 -0.01  1.23S    0.834
PHP  AC HHZ    72.8  31  62  P     46.91 13.02 13.30 0.00 -0.28  1.23     0.501 1.00  23   2.61 D
PHP  AC HHN    72.8  31  62  S     57.34 23.45 23.27 0.00  0.18  1.23S    0.822
PUK  AC HHZ   101.8 356  62  P     52.46 18.57 18.28 0.00  0.29  1.20     0.479 1.00  22   2.60 D
PUK  AC HHN   101.8 356  62  S     65.73 31.84 31.99 0.00 -0.15  1.20S    0.728
BCI  AC HHZ   137.7   3  62  P     57.87 23.98 24.45 0.00 -0.47  0.06     0.001
BCI  AC HHE   137.7   3  62  S     76.66 42.77 42.79 0.00 -0.02  0.61S    0.135


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-24  2028 55.85  41 20.41   19E58.83   1.62  0.23  0.40  1.35  2.60  2.81
                                                                                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   9.7  Atl  136  10   0   8   4   8      #       2.00  0.11 L    3.00  0.14 D
REGION= 11km L të Tiranës, Rajoni Tiranës [11km E of Tirana, 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     9.7 275  61  P     58.03  2.18  2.12 0.00  0.06  1.50     0.425 1.00  19   2.27 D
TIR  AC HHN     9.7 275  61     6   0.00-55.85  2.12 0.00        0.00     0.000 1.00              8.0 .10   2.49 L
                            S     59.49  3.64  3.71 0.00 -0.07  1.50S    0.719
PHP  AC HHZ    54.2  44  51  P     65.86 10.01 10.36 0.00 -0.35  1.50     0.370 1.00  35   2.95 D
PHP  AC HHN    54.2  44  51  S     74.17 18.32 18.13 0.00  0.19  1.50S    0.471
PUK  AC HHZ    78.4 355  51  P     70.39 14.54 14.50 0.00  0.04  1.50     0.285 1.00  29   2.81 D
PUK  AC HHN    78.4 355  51     6  60.00  4.15 14.50 0.00        0.00     0.000 1.00              1.5 .28   2.70 L
                            S     81.23 25.38 25.38 0.00  0.00  1.50S    0.530
KBN  AC HHZ   104.6 139  51  P     74.40 18.55 19.01 0.00 -0.46  1.50     0.405
KBN  AC HHE   104.6 139  51  S     89.32 33.47 33.27 0.00  0.20  1.50S    0.791


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-26  2139 47.69  40 18.59   19E48.25   3.77  0.13  0.31  1.25  2.86  3.10
                                                                                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  31.6  Atl   98  10   0  17   8  18             4.00  0.28 L    4.00  0.04 D
REGION= Vermik, Vlorë, Rajoni Vlorës [Vermik, 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    31.6 305  62  P     54.11  6.42  6.26 0.00  0.16  1.24     0.218 1.00  46   3.12 D
VLO  AC HHN    31.6 305  62     6   0.00-47.69  6.26 0.00        0.00     0.000 1.00               22 .50   3.31 L
                            S     58.62 10.93 10.95 0.00 -0.03  1.24S    0.349
SRN  AC HHN    50.6 160  62     6  60.00 12.31  9.52 0.00        0.00     0.000 1.00              1.8 .37   2.43 L
                            S     64.14 16.45 16.66 0.00 -0.21  1.24S    0.331
SRN  AC HHZ    50.6 160  62  P     57.24  9.55  9.52 0.00  0.03  1.24     0.195 1.00  41   3.08 D
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LSK  AC HHE    69.9 104  62     6  60.00 12.31 12.84 0.00        0.00     0.000 1.00              3.4 .57   2.99 L
                            S     70.31 22.62 22.47 0.00  0.15  1.24S    0.364
LSK  AC HHZ    69.9 104  62  P     60.35 12.66 12.84 0.00 -0.18  1.24     0.195 1.00  53   3.31 D
KBN  AC HHN    90.4  67  62     6  60.00 12.31 16.35 0.00        0.00     0.000 1.00              1.3 .51   2.73 L
                            S     76.67 28.98 28.61 0.00  0.37  0.07S    0.001
KBN  AC HHZ    90.4  67  62  P     63.90 16.21 16.35 0.00 -0.14  1.24     0.228
IGT  AC HHN    97.4 152  62  S     78.63 30.94 30.73 0.00  0.21  1.24S    0.319
IGT  AC HHZ    97.4 152  62  P     65.23 17.54 17.56 0.00 -0.02  1.24     0.189
TIR  AC HHN   115.4   2  62  S     83.70 36.01 36.14 0.00 -0.13  1.24S    0.407
TIR  AC HHZ   115.4   2  62  P     68.46 20.77 20.65 0.00  0.12  1.24     0.221 1.00  37   3.05 D
SCTE AC HHN   116.6 258  62  S     84.16 36.47 36.52 0.00 -0.05  1.24S    0.452
SCTE AC HHZ   116.6 258  62  P     68.58 20.89 20.87 0.00  0.02  1.24     0.253
PHP  AC HHN   161.8  19  55  S     97.53 49.84 49.79 0.00  0.05  0.69S    0.201
PHP  AC HHZ   161.8  19  55  P     76.32 28.63 28.45 0.00  0.18  0.69     0.051
PUK  AC HHN   192.6   2  55  S    105.92 58.23 58.38 0.00 -0.15  0.19S    0.014
PUK  AC HHZ   192.6   2  55  P     81.08 33.39 33.36 0.00  0.03  0.19     0.003


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-29  1908 40.72  42 11.55   19E30.15  18.97  0.03  1.36  1.04        2.73
                                                                                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  36.3  Atl  302  12   0   5   3   6             0.00  0.00 L    3.00  0.27 D
REGION= Koplik, Rajoni Shkodrës [Koplik, 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
PUK  AC HHZ    36.3 117 112  P     48.08  7.36  7.32 0.00  0.04  1.00     0.623 1.00  18   2.46 D
PUK  AC HHN    36.3 117 112  S     53.50 12.78 12.81 0.00 -0.03  1.00S    0.876
BCI  AC HHZ    50.5  67 104  P     50.25  9.53  9.57 0.00 -0.04  1.00     0.623 1.00  24   2.73 D
BCI  AC HHN    50.5  67 104  S     57.50 16.78 16.75 0.00  0.03  1.00S    0.876
PHP  AC HHZ    96.1 125  71  P     57.26 16.54 16.95 0.00 -0.41  0.00     0.000 1.00  37   3.14 D
PHP  AC HHN    96.1 125  71  S     70.38 29.66 29.66 0.00  0.00  1.00S    0.999


***
YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-29  2034 11.57  41 42.04   19E16.70   6.99  0.33  1.35  2.33  4.79
                                                                                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  62.7  Atl  229  14   0  15   8  16             6.00  0.10 L    0.00  0.00 D
REGION=  Deti Adriatik, 25km P të Lezhës, Rajoni Lezhës [Adriatic Sea, 25km W of Lezha, Lezha 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    62.7 128  91  P     23.10 11.53 11.42 0.00  0.11  1.04     0.137
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TIR  AC HHN    62.7 128  91     6   0.00-11.57 11.42 0.00        0.00     0.000 1.00              67 .36   4.17 L
                              S     31.35 19.78 19.99 0.00 -0.21  1.04S    0.449
PUK  AC HHZ    63.6  53  91  P     23.28 11.71 11.57 0.00  0.14  1.04     0.182
PUK  AC HHN    63.6  53  91     6   0.00-11.57 11.57 0.00        0.00     0.000 1.00             246 .47   4.75 L
                              S     31.93 20.36 20.25 0.00  0.11  1.04S    0.253
PHP  AC HHZ    96.8  90  90  P     28.13 16.56 17.26 0.00 -0.48  0.95     0.082
PHP  AC HHN    96.8  90  90     6   0.00-11.57 17.26 0.00        0.00     0.000 1.00             139 .43   4.82 L
                              S     42.20 30.63 30.20 0.00  0.43  1.04S    0.400
BCI  AC HHZ    98.7  41  90  P     28.94 17.37 17.59 0.00 -0.22  1.04     0.267
BCI  AC HHN    98.7  41  90     6   0.00-11.57 17.59 0.00        0.00     0.000 1.00             161 .74   4.90 L
                              S     42.31 30.74 30.78 0.00 -0.04  1.04S    0.310
VLO  AC HHZ   138.0 172  90  P     36.35 24.78 24.34 0.00  0.44  1.04     0.336
VLO  AC HHE   138.0 172  90  S     54.39 42.82 42.60 0.00  0.22  1.04S    0.428
KBN  AC HHZ   174.2 132  68  P     41.78 30.21 30.12 0.00  0.09  1.04     0.134
KBN  AC HHN   174.2 132  68     6  60.00 48.43 30.12 0.00        0.00     0.000 1.00              52 .50   4.92 L
                              S     64.58 53.01 52.71 0.00  0.30  1.04S    0.354
LSK  AC HHZ   205.0 146  68  P     45.70 34.13 35.03 0.00 -0.90* 0.46     0.032
LSK  AC HHN   205.0 146  68  S     72.31 60.74 61.30 0.00 -0.46  1.04S    0.299
SRN  AC HHZ   211.2 162  68  P     45.36 33.79 36.01 0.00 -2.22* 0.00     0.000
SRN  AC HHE   211.2 162  68     6  60.00 48.43 36.01 0.00        0.00     0.000 1.00              19 .75   4.70 L
                              S     74.56 62.99 63.02 0.00 -0.03  1.04S    0.331


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-29  2036 23.41  41 42.27   19E23.08   8.87  0.07  1.03  1.21        2.96
                                                                                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  56.4  Atl  263   9   0   6   3   7      -       0.00  0.00 L    4.00  0.05 D
REGION= Deti Adriatik, 25km P të Lezhës, Rajoni Lezhës [Adriatic Sea, 25km E of Lezha, Lezha 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    56.4 134  93  P     33.69 10.28 10.33 0.00 -0.05  1.00     0.871 1.00  30   2.82 D
PUK  AC HHZ    56.5  48  93  P     34.06 10.65 10.35 0.00  0.30  0.00     0.000 1.00  34   2.92 D
PUK  AC HHN    56.5  48  93  S     41.39 17.98 18.11 0.00 -0.13  1.00S    0.844
PHP  AC HHZ    88.0  91  92  P     39.19 15.78 15.75 0.00  0.03  1.00     0.368 1.00  37   3.02 D
PHP  AC HHN    88.0  91  92  S     51.02 27.61 27.56 0.00  0.05  1.00S    0.859
BCI  AC HHZ    92.8  37  91  P     40.02 16.61 16.58 0.00  0.03  1.00     0.574 1.00  36   3.00 D
BCI  AC HHE    92.8  37  91  S     52.48 29.07 29.01 0.00  0.06  1.00S    0.480


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-29  2134 41.88  41 40.96   19E16.57  13.37  0.11  1.11  1.42        2.84
                                                                                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  61.7  Atl  274  17   0   8   3   9              0.00  0.00 L    4.00  0.01 D
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REGION= Deti Adriatik, 35km P të Lezhës, Rajoni Lezhës [Adriatic Sea, 35km W of Lezha, Lezha 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		61.7	126	98	P		53.15	11.27	11.31	0.00	-0.04	1.02		0.651	1.00	29	2.83 D
TIR	AC	HHN		61.7	126	98	S		60.84	18.96	19.79	0.00	-0.43	0.00S		0.000			
PUK	AC	HHZ		65.0	51	97	P		53.96	12.08	11.87	0.00	0.21	0.85		0.258	1.00	29	2.84 D
PUK	AC	HHE		65.0	51	97	S		62.57	20.69	20.77	0.00	-0.08	1.02S		0.599			
PHP	AC	HHZ		97.0	89	78	P		59.25	17.37	17.27	0.00	0.10	1.02		0.163	1.00	28	2.84 D
PHP	AC	HHN		97.0	89	78	S		72.09	30.21	30.22	0.00	-0.01	1.02S		0.795			
BCI	AC	HHZ		100.3	40	78	P		59.54	17.66	17.84	0.00	-0.18	1.02		0.398	1.00	32	2.95 D
BCI	AC	HHN		100.3	40	78	S		73.17	31.29	31.22	0.00	0.07	1.02S		0.547			
FNA	AC	HHZ		203.1	118	55	P		76.16	34.28	34.29	0.00	-0.01	1.02		0.585			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014-12-29	23	19 46.07	41 41.97	19E14.14	1.25	0.14	2.64	3.11			2.91	

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T		N.FMG-FMMAD-T		SOURCE L F X
8	12	65.5	Atl	276	10	0	8	4	8		0.00	0.00 L	3.00	0.10 D	

REGION= Deti Adriatik, 29km P të Lezhës, Rajoni Lezhës [Adriatic Sea, 29km W of Lezha, Lezha 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		65.5	126	51	P		58.58	12.51	12.34	0.00	0.17	1.00		0.431	1.00	33	2.91 D
TIR	AC	HHE		65.5	126	51	S		67.59	21.52	21.60	0.00	-0.08	1.00S		0.804			
PUK	AC	HHZ		66.5	54	51	P		58.78	12.71	12.52	0.00	0.19	1.00		0.290	1.00	29	2.80 D
PUK	AC	HHN		66.5	54	51	S		68.09	22.02	21.91	0.00	0.11	1.00S		0.374			
PHP	AC	HHZ		100.4	90	51	P		64.22	18.15	18.33	0.00	-0.18	1.00		0.400			
PHP	AC	HHN		100.4	90	51	S		78.15	32.08	32.08	0.00	0.00	1.00S		0.709			
BCI	AC	HHZ		101.2	42	51	P		64.36	18.29	18.47	0.00	-0.18	1.00		0.370	1.00	36	3.01 D
BCI	AC	HHE		101.2	42	51	S		78.37	32.30	32.32	0.00	-0.02	1.00S		0.618			

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2014-12-29	23	39 35.94	41 34.75	19E 7.34	0.05	0.34	6.82	7.94			2.72	

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG-XMMAD-T		N.FMG-FMMAD-T		SOURCE L F X
8	12	67.2	Atl	289	10	0	8	4	8	#	0.00	0.00 L	4.00	0.10 D	

REGION= Deti Adriatik, 40km P të Lezhës, Rajoni Lezhës [Adriatic Sea, 40km W of Lezha, Lezha 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		67.2	112	51	P		49.05	13.11	12.79	0.00	0.32	1.00		0.431	1.00	22	2.56 D
TIR	AC	HHN		67.2	112	51	S		58.29	22.35	22.38	0.00	-0.03	1.00S		0.805			
PUK	AC	HHZ		82.1	50	51	P		50.93	14.99	15.37	0.00	-0.38	1.00		0.291	1.00	25	2.69 D
PUK	AC	HHE		82.1	50	51	S		63.05	27.11	26.90	0.00	0.21	1.00S		0.378			
PHP	AC	HHZ		110.5	83	51	P		55.89	19.95	20.24	0.00	-0.29	1.00		0.407	1.00	26	2.75 D
PHP	AC	HHN		110.5	83	51	S		70.82	34.88	35.42	0.00	-0.54*	0.99S		0.721			

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BCI  AC HHZ   117.4  41  51  P     56.94 21.00 21.43 0.00 -0.43  1.00     0.364 1.00  32   2.93 D
BCI  AC HHN   117.4  41  51  S     73.74 37.80 37.50 0.00  0.30  1.00S    0.599


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-30  2241 23.91  41 31.40   20E10.09   0.32  0.07  0.60  1.68  2.28  2.45
                                                                                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  28.9  Atl  182   9   0   7   4   8             3.00  0.13 L    3.00  0.07 D
REGION=  5km VP të Bulqizës, Rajoni Bulqizës [5km NW 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
PHP  AC HHZ    28.9  51  61  P     29.97  6.06  5.99 0.00  0.07  1.00     0.492 1.00  21   2.45 D
PHP  AC HHN    28.9  51  61     6   0.00-23.91  5.99 0.00        0.00     0.000 1.00              2.9 .20   2.41 L
                             S     34.33 10.42 10.48 0.00 -0.06  1.00S    0.796
TIR  AC HHZ    32.0 233  61  P     30.37  6.46  6.57 0.00 -0.11  1.00     0.474 1.00  19   2.38 D
TIR  AC HHN    32.0 233  61     6   0.00-23.91  6.57 0.00        0.00     0.000 1.00              1.3 .14   2.10 L
                             S     35.47 11.56 11.50 0.00  0.06  1.00S    0.833
PUK  AC HHZ    62.1 339  51  P     35.82 11.91 11.88 0.00  0.03  1.00     0.475 1.00  32   2.88 D
PUK  AC HHN    62.1 339  51     6   0.00-23.91 11.88 0.00        0.00     0.000 1.00            0.90 .20   2.28 L
                             S     44.63 20.72 20.79 0.00 -0.07  1.00S    0.502
BCI  AC HHZ    94.0 355  51  P     41.62 17.71 17.38 0.00  0.33  0.00     0.000
BCI  AC HHN    94.0 355  51  S     54.37 30.46 30.41 0.00  0.05  1.00S    0.425


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-30  2310 56.07  41 29.98   20E13.67   4.56  0.14  0.37  1.46  3.38  3.47
                                                                                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  27.2  Atl  114   7   0  12   6  14             3.00  0.08 L    4.00  0.11 D
REGION=  Bulqizë, Rajoni Bulqizës [Bulqiz, 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    27.2  40  62  P     61.52  5.45  5.42 0.00  0.03  1.37     0.303 1.00  82   3.59 D
PHP  AC HHN    27.2  40  62     6  60.00  3.93  5.42 0.00        0.00     0.000 1.00              28 .18   3.38 L
                             S     65.61  9.54  9.49 0.00  0.06  1.37S    0.526
TIR  AC HHZ    34.7 242  62  P     63.09  7.02  6.72 0.00  0.30  0.89     0.178 1.00  61   3.38 D
TIR  AC HHN    34.7 242  62     6  60.00  3.93  6.72 0.00        0.00     0.000 1.00              15 .43   3.18 L
                             S     67.79 11.72 11.76 0.00 -0.04  1.37S    0.671
PUK  AC HHZ    66.4 336  62  P     68.39 12.32 12.17 0.00  0.15  1.37     0.284 1.00  55   3.34 D
PUK  AC HHN    66.4 336  62     6  60.00  3.93 12.17 0.00        0.00     0.000 1.00              11 .41   3.46 L
                             S     77.21 21.14 21.30 0.00 -0.16  1.37S    0.370
BCI  AC HHZ    97.2 353  62  P     73.36 17.29 17.46 0.00 -0.17  1.37     0.261 1.00  68   3.55 D
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BCI  AC HHN    97.2 353  62  S     86.74 30.67 30.55 0.00  0.11  1.37S    0.336
KBN  AC HHZ   108.0 154  62  P     75.17 19.10 19.32 0.00 -0.22  1.31     0.356
KBN  AC HHN   108.0 154  62  S     89.97 33.90 33.81 0.00  0.09  1.31S    0.609
LSK  AC HHZ   153.1 168  55  P     83.29 27.22 26.98 0.00  0.24  0.45     0.029
LSK  AC HHN   153.1 168  55  S    103.01 46.94 47.22 0.00 -0.28  0.38S    0.069
SRN  AC HHZ   180.9 187  55  P     87.60 31.53 31.40 0.00  0.13  0.03     0.000
SRN  AC HHN   180.9 187  55  S    111.11 55.04 54.95 0.00  0.09  0.03S    0.000


 YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
 2014-12-30  2354 42.82  41 30.40   20E10.99   4.20  0.08  0.40  1.72  2.50  2.82
                                                                                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  29.2  Atl  105   8   0   9   5  10              3.00  0.22 L    3.00  0.00 D
 REGION=  3km VP të Bulqizës, Rajoni Bulqizës [3km NW of Bulqiz, 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    29.2  47  62  P     48.73  5.91  5.81 0.00  0.10  1.00     0.344 1.00  20   2.41 D
 PHP  AC HHN    29.2  47  62     6   0.00-42.82  5.81 0.00        0.00     0.000 1.00              5.8 .11   2.72 L
                              S     53.00 10.18 10.17 0.00  0.01  1.00S    0.503
 TIR  AC HHZ    31.9 237  62  P     49.02  6.20  6.27 0.00 -0.07  1.00     0.401 1.00  32   2.82 D
 TIR  AC HHN    31.9 237  62     6   0.00-42.82  6.27 0.00        0.00     0.000 1.00              1.4 .28   2.11 L
                              S     53.87 11.05 10.97 0.00  0.08  1.00S    0.643
 PUK  AC HHZ    64.2 339  62  P     54.34 11.52 11.83 0.00 -0.31  0.00     0.000 1.00  30   2.82 D
 PUK  AC HHN    64.2 339  62     6  60.00 17.18 11.83 0.00        0.00     0.000 1.00              1.4 .10   2.50 L
                              S     63.56 20.74 20.70 0.00  0.04  1.00S    0.398
 BCI  AC HHZ    96.0 355  62  P     59.97 17.15 17.28 0.00 -0.13  1.00     0.331
 BCI  AC HHN    96.0 355  62  S     73.03 30.21 30.24 0.00 -0.03  1.00S    0.354
 KBN  AC HHZ   110.4 152  62  P     62.69 19.87 19.76 0.00  0.11  0.99     0.353
 KBN  AC HHN   110.4 152  62  S     77.30 34.48 34.58 0.00 -0.10  0.99S    0.668
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Tërmetet Rajonalë (Parametric Data for Regional Events recorded by ASN)

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 YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
 2014-12-04  0538 46.76  42  4.91   20E52.25   7.03  0.11  1.34 15.53        2.56
                                                                                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  56.7  Atl  284  15   0   5   2   6      -       0.00  0.00 L    3.00  0.02 D
 REGION= Maqedoni (Macedonia)
```

```
STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
PHP  AC HHZ    56.7 220  91  P     57.08 10.32 10.39 0.00 -0.07  1.00     0.623 1.00  22   2.56 D
PHP  AC HHN    56.7 220  91  S     64.93 18.17 18.18 0.00 -0.01  1.00S    0.876
BCI  AC HHZ    73.5 296  90  P     59.93 13.17 13.28 0.00 -0.11  1.00     1.000 1.00  24   2.64 D
BCI  AC HHN    73.5 296  90  S     68.80 22.04 23.24 0.00  0.40  0.00S    0.000
PUK  AC HHZ    81.1 268  90  P     61.56 14.80 14.59 0.00  0.21  1.00     0.623 1.00  21   2.54 D
PUK  AC HHN    81.1 268  90  S     72.25 25.49 25.53 0.00 -0.04  1.00S    0.876


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-05  0610 10.98  43 45.26   17E55.78   5.01  0.12  6.88  5.25  2.88
                                                                          SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
   9   12 232.6  Atl  270  14   0   8   3   8              3.00  0.20 L    0.00  0.00 D
REGION= Bosnia & Herzegovina

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   232.6 130  43  P     50.27 39.29 39.24 0.00  0.05  1.02     0.467
BCI  AC HHE   232.6 130  43  S     79.62 68.64 68.67 0.00 -0.03  1.02S    0.688
BCI  AC HHN   232.6 130  43     6  60.00 49.02 39.24 0.00        0.00     0.000 1.00            0.39 .54   3.12 L
PUK  AC HHZ   248.7 139  43  P     52.18 41.20 41.38 0.00 -0.18  1.02     0.368
PUK  AC HHN   248.7 139  43     6  60.00 49.02 41.38 0.00        0.00     0.000 1.00            0.19 .87   2.88 L
                          S     83.33 72.35 72.41 0.00 -0.06  1.02S    0.493
SGRT AC HHZ   284.7 220  43  P     56.82 45.84 46.13 0.00 -0.29  0.84     0.666
PHP  AC HHZ   308.5 137  43  P     60.38 49.40 49.29 0.00  0.11  1.02     0.337
PHP  AC HHN   308.5 137  43     6  60.00 49.02 49.29 0.00        0.00     0.000 1.00            0.07 .46   2.68 L
                          S     97.32 86.34 86.26 0.00  0.08  1.02S    0.371
MRVN AC HHZ   331.5 207  43  P     63.35 52.37 52.33 0.00  0.04  1.02     0.607


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-05  0730 24.14  38 53.02   21E14.93   9.66  0.23  1.58  2.56  2.31
                                                                          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   15  52.4  Atl  280  11   0   9   4   9              2.00  0.03 L    0.00  0.00 D
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 HHE    52.4 259  94  S     41.02 16.88 16.90 0.00 -0.02  1.04S    0.702
LKD2 AC HHZ    52.4 259  94  P     33.97  9.83  9.66 0.00  0.17  1.04     0.418
IGT  AC HHN   107.1 313  92  S     57.66 33.52 33.34 0.00  0.18  1.04S    0.805
IGT  AC HHZ   107.1 313  92  P     42.79 18.65 19.05 0.00 -0.40  1.01     0.373
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LSK  AC HHE   151.3 339  68  S     70.27 46.13 46.01 0.00  0.12  1.04S    0.383
LSK  AC HHZ   151.3 339  68  P     50.44 26.30 26.29 0.00  0.01  1.04     0.382
LSK  AC HHN   151.3 339  68     6  60.00 35.86 26.29 0.00        0.00     0.000 1.00             0.19 .86   2.34 L
SRN  AC HHN   154.3 317  68  S     70.82 46.68 46.85 0.00 -0.17  1.04S    0.607
SRN  AC HHZ   154.3 317  68  P     51.22 27.08 26.77 0.00  0.31  1.04     0.214
SRN  AC HHE   154.3 317  68     6  60.00 35.86 26.77 0.00        0.00     0.000 1.00             0.16 .50   2.28 L
KEK  TH HHZ   155.3 307  68  P     50.60 26.46 26.93 0.00 -0.47  0.73     0.113


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-07  0026 23.39  39 26.46   20E41.62   6.38  0.18  0.69  9.95        3.18
                                                                                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  32.9  Atl  188  21   0  10   5  16      #       0.00  0.00 L    2.00  0.08 D
REGION= Greqi [Greece]

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
IGT  AC HHZ    32.9 288  90  P     29.93  6.54  6.28 0.00  0.26  1.27     0.183
IGT  AC HHN    32.9 288  90  S     34.20 10.81 10.99 0.00 -0.18  1.27S    0.551
LKD2 AC HHZ    72.4 183  90  P     36.56 13.17 13.07 0.00  0.10  1.27     0.364
LKD2 AC HHN    72.4 183  90  S     46.08 22.69 22.87 0.00 -0.18  1.27S    0.601
SRN  AC HHZ    76.9 310  90  P     37.61 14.22 13.84 0.00  0.38  0.84     0.066 1.00  41   3.10 D
SRN  AC HHN    76.9 310  90  S     47.55 24.16 24.22 0.00 -0.06  1.27S    0.343
LSK  AC HHZ    79.1 355  90  P     37.63 14.24 14.22 0.00  0.02  1.27     0.360 1.00  49   3.25 D
LSK  AC HHN    79.1 355  90  S     48.10 24.71 24.88 0.00 -0.17  1.27S    0.570
SCTE AC HHZ   203.4 292  68  P     58.58 35.19 34.81 0.00  0.38  0.11     0.119
SCTE AC HHN   203.4 292  68  S     84.12 60.73 60.92 0.00 -0.19  0.16S    0.836
PHP  AC HHZ   250.1 356  50  P     65.08 41.69 41.37 0.00  0.32  0.00     0.000
PHP  AC HHN   250.1 356  50  S     95.69 72.30 72.40 0.00 -0.10  0.00S    0.000
PUK  AC HHZ   296.7 348  50  P     71.25 47.86 47.54 0.00  0.32  0.00     0.000
PUK  AC HHN   296.7 348  50  S    106.58 83.19 83.19 0.00  0.00  0.00S    0.000
BCI  AC HHZ   329.2 351  50  P     75.15 51.76 51.83 0.00 -0.07  0.00     0.000
BCI  AC HHE   329.2 351  50  S    113.57 90.18 90.70 0.00 -0.22  0.00S    0.000


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-07  1259 52.56  39 24.31   22E36.59   8.69  0.16  1.16  1.55  4.07
                                                                                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   28 139.5  Atl  237  11   0  16   9  19              4.00  0.17 L    0.00  0.00 D
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
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THE  AC HHZ   139.5  12  68  P     77.14 24.58 24.47 0.00  0.11  1.06     0.320
THE  AC HHE   139.5  12  68  S     95.46 42.90 42.82 0.00  0.08  1.06S    0.401
LKD2 AC HHZ   182.2 249  68  P     83.70 31.14 31.28 0.00 -0.14  1.06     0.322
LKD2 AC HHN   182.2 249  68  S    107.31 54.75 54.74 0.00  0.01  1.06S    0.378
LSK  AC HHZ   191.1 297  68  P     85.27 32.71 32.71 0.00  0.00  1.06     0.248
LSK  AC HHN   191.1 297  68     6  60.00  7.44 32.71 0.00        0.00     0.000 1.00               12 .69   4.38 L
                           S    109.64 57.08 57.24 0.00 -0.16  1.06S    0.577
IGT  AC HHZ   196.7 275  68  P     86.85 34.29 33.60 0.00  0.69* 0.00     0.000
IGT  AC HHN   196.7 275  68  S    111.62 59.06 58.80 0.00  0.26  1.06S    0.306
SRN  AC HHZ   230.1 285  50  P     91.26 38.70 38.48 0.00  0.22  1.06     0.129
SRN  AC HHE   230.1 285  50     6  60.00  7.44 38.48 0.00        0.00     0.000 1.00             3.11.00   4.00 L
                           S    119.70 67.14 67.34 0.00 -0.20  1.06S    0.242
VLO  AC HHZ   291.3 295  50  P    100.06 47.50 46.57 0.00  0.93* 0.00     0.000
VLO  AC HHN   291.3 295  50  S    134.39 81.83 81.50 0.00  0.33  1.06S    0.195
PHP  AC HHZ   312.8 325  50  P    102.01 49.45 49.42 0.00  0.03  1.06     0.099
PHP  AC HHN   312.8 325  50     6 120.00 67.44 49.42 0.00        0.00     0.000 1.00              2.0 .87   4.14 L
                           S    139.07 86.51 86.49 0.00  0.02  1.06S    0.205
TIR  AC HHZ   317.6 314  50  P    102.52 49.96 50.05 0.00 -0.09  1.06     0.087
TIR  AC HHE   317.6 314  50     6 120.00 67.44 50.05 0.00        0.00     0.000 1.00            0.88 .75   3.81 L
                           S    139.97 87.41 87.59 0.00 -0.18  1.06S    0.186
PUK  AC HHZ   372.2 323  50  P    109.60 57.04 57.27 0.00 -0.23  1.06     0.096
PUK  AC HHE   372.2 323  50  S    152.79100.23100.22 0.00  0.01  1.06S    0.200
BCI  AC HHZ   392.5 328  50  P    111.56 59.00 59.96 0.00 -0.96* 0.00     0.000


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-07  2028  8.90  40 34.84   22E46.09   7.02  0.29  0.86  1.74  2.92
                                                                          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   19  17.4  Atl  153   8   0  12   5  12      #       3.00  0.08 L    0.00  0.00 D
REGION= Greqi [Greece]

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
THE  AC HHZ    17.4  70  97  P     13.03  4.13  3.63 0.00  0.50* 1.58     0.347
THE  AC HHN    17.4  70  97  S     15.00  6.10  6.35 0.00 -0.25  1.58S    0.599
LSK  AC HHZ   190.4 257  68  P     41.26 32.36 32.70 0.00 -0.34  1.58     0.372
LSK  AC HHE   190.4 257  68  S     66.28 57.38 57.23 0.00  0.15  1.58S    0.470
LSK  AC HHN   190.4 257  68     6  60.00 51.10 32.70 0.00        0.00     0.000 1.00            0.51 .50   3.01 L
PHP  AC HHZ   230.7 303  50  P     47.97 39.07 38.74 0.00  0.33  1.58     0.195
PHP  AC HHN   230.7 303  50     6  60.00 51.10 38.74 0.00        0.00     0.000 1.00            0.21 .72   2.84 L
                           S     76.51 67.61 67.79 0.00 -0.19  1.58S    0.630
IGT  AC HHZ   238.5 242  50  P     49.01 40.11 39.77 0.00  0.34  1.58     0.135
IGT  AC HHN   238.5 242  50  S     78.68 69.78 69.60 0.00  0.18  1.58S    0.411
SRN  AC HHZ   248.1 253  50  P     49.67 40.77 41.04 0.00 -0.27  1.58     0.100
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SRN  AC HHE   248.1 253  50  S     80.85 71.95 71.82 0.00  0.13  1.58S    0.270
SRN  AC HHN   248.1 253  50     6  60.00 51.10 41.04 0.00        0.00     0.000 1.00            0.21 .63   2.92 L
LKD2 AC HHZ   269.0 223  50  P     52.27 43.37 43.81 0.00 -0.44  1.58     0.262
PUK  AC HHZ   290.5 305  50  P     55.45 46.55 46.64 0.00 -0.09  1.58     0.203


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-08  0155 54.15  39 16.94   20E 2.19   1.11  0.10  0.44  0.78  2.53
                                                                          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  37.5  Atl  169  10   0  10   5  10      #       2.00  0.25 L    0.00  0.00 D
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    37.5  42  61  P     61.72  7.57  7.67 0.00 -0.10  1.18     0.429
IGT  AC HHN    37.5  42  61  S     67.63 13.48 13.42 0.00  0.06  1.18S    0.448
SRN  AC HHZ    66.4 358  51  P     66.92 12.77 12.67 0.00  0.10  1.18     0.348
SRN  AC HHE    66.4 358  51     6  60.00  5.85 12.67 0.00        0.00     0.000 1.00            0.76 .47   2.28 L
                           S     76.39 22.24 22.17 0.00  0.07  1.18S    0.341
LKD2 AC HHZ    76.8 135  51  P     68.52 14.37 14.45 0.00 -0.08  1.18     0.451
LKD2 AC HHN    76.8 135  51  S     79.51 25.36 25.29 0.00  0.07  1.18S    0.801
LSK  AC HHZ   107.7  26  51  P     73.62 19.47 19.77 0.00 -0.30  0.45     0.037
LSK  AC HHN   107.7  26  51  S     88.66 34.51 34.60 0.00 -0.09  1.18S    0.403
LSK  AC HHE   107.7  26  51     6  60.00  5.85 19.77 0.00        0.00     0.000 1.00             1.0 .72   2.77 L
SCTE AC HHZ   160.9 304  46  P     83.27 29.12 28.80 0.00  0.32  0.21     0.022
SCTE AC HHN   160.9 304  46  S    104.43 50.28 50.40 0.00 -0.12  1.04S    0.716


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-13  1536 55.57  42 28.46   19E18.87   3.11  0.07  6.54 11.98  1.73
                                                                          SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
   4    6  63.1  Atl  326   8   0   4   2   4      -       2.00  0.14 L    0.00  0.00 D
REGION= Mali i Zi [Montenegro]

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
BCI  AC HHN    63.1 100  62     6  60.00  4.43 11.73 0.00        0.00     0.042 1.00            0.33 .47   1.87 L
                           S     76.05 20.48 20.53 0.00 -0.05  1.00S    0.994
BCI  AC HHZ    63.1 100  62  P     67.38 11.81 11.73 0.00  0.08  1.00     0.983
PUK  AC HHN    67.6 134  62     6  60.00  4.43 12.51 0.00        0.00     0.000 1.00            0.15 .15   1.59 L
                           S     77.51 21.94 21.89 0.00  0.05  1.00S    0.994
PUK  AC HHZ    67.6 134  62  P     68.00 12.43 12.51 0.00 -0.08  1.00     0.983
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YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-13  2335 43.16  42 49.73   20E28.88   2.71  0.05  1.19  1.46        2.36
                                                                          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  61.6  Atl  328   7   0   6   3   6      -       0.00  0.00 L    2.00  0.12 D
REGION= Kosova [Kosovo]

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
BCI  AC HHZ    61.6 214  62  P     54.57 11.41 11.50 0.00 -0.09  1.00     0.497 1.00  15   2.24 D
BCI  AC HHE    61.6 214  62  S     63.26 20.10 20.13 0.00 -0.03  1.00S    0.835
PUK  AC HHZ    99.9 210  62  P     61.31 18.15 18.08 0.00  0.07  1.00     0.497 1.00  19   2.47 D
PUK  AC HHN    99.9 210  62  S     74.84 31.68 31.64 0.00  0.04  1.00S    0.835
PHP  AC HHZ   127.1 182  62  P     65.94 22.78 22.77 0.00  0.01  1.00     0.497
PHP  AC HHN   127.1 182  62  S     82.98 39.82 39.85 0.00 -0.03  1.00S    0.835



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-19  0726 45.73  39 38.24   20E23.63  19.99  0.13  3.79  5.29        4.09
                                                                          SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  24   35  13.0  Atl  189  23   0   5   2  24      #       0.00  0.00 L    3.00  0.17 D
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    13.0 206 144  P     49.97  4.24  4.27 0.00 -0.03  1.10     1.000 1.00 140   4.09 D
IGT  AC HHE    13.0 206 144  S     52.39  6.66  7.47 0.00 -0.81* 0.00S    0.000
SRN  AC HHZ    43.2 309 109  P     54.10  8.37  8.45 0.00 -0.08  1.10     0.715 1.00  84   3.80 D
SRN  AC HHE    43.2 309 109  S     60.41 14.68 14.79 0.00 -0.11  1.10S    0.907
LSK  AC HHZ    59.5  17  71  P     56.59 10.86 11.07 0.00 -0.21  0.85     0.530 1.00 143   4.26 D
LSK  AC HHE    59.5  17  71  S     65.32 19.59 19.37 0.00  0.22  0.85S    0.846
LKD2 AC HHZ    96.9 166  71  P     63.33 17.60 17.02 0.00  0.58* 0.00     0.000
LKD2 AC HHE    96.9 166  71  S     75.50 29.77 29.78 0.00 -0.01  0.00S    0.000
KBN  AC HHZ   114.5  16  71  P     65.81 20.08 19.84 0.00  0.24  0.00     0.000
KBN  AC HHN   114.5  16  71  S     80.59 34.86 34.72 0.00  0.14  0.00S    0.000
VLO  AC HHZ   120.0 321  71  P     66.55 20.82 20.71 0.00  0.11  0.00     0.000
VLO  AC HHN   120.0 321  71  S     81.60 35.87 36.24 0.00 -0.37  0.00S    0.000
SCTE AC HHZ   171.9 288  71  P     74.66 28.93 28.98 0.00 -0.05  0.00     0.000
SCTE AC HHN   171.9 288  71  S     96.23 50.50 50.72 0.00 -0.22  0.00S    0.000
TIR  AC HHZ   195.1 347  57  P     78.12 32.39 32.57 0.00 -0.18  0.00     0.000
TIR  AC HHE   195.1 347  57  S    104.55 58.82 57.00 0.00  1.82* 0.00S    0.000
PHP  AC HHZ   227.4   0  51  P     83.31 37.58 36.92 0.00  0.66* 0.00     0.000
PHP  AC HHN   227.4   0  51  S    109.94 64.21 64.61 0.00 -0.40  0.00S    0.000
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THE  AC HHZ   245.3  62  51  P     85.73 40.00 39.28 0.00  0.72* 0.00     0.000
THE  AC HHN   245.3  62  51  S    114.27 68.54 68.74 0.00 -0.20  0.00S    0.000
PUK  AC HHZ   270.4 352  51  P     88.06 42.33 42.61 0.00 -0.28  0.00     0.000
PUK  AC HHE   270.4 352  51  S    119.75 74.02 74.57 0.00 -0.55* 0.00S    0.000
BCI  AC HHZ   304.3 355  51  P     92.69 46.96 47.10 0.00 -0.14  0.00     0.000
NOCI AC HHZ   311.0 296  51  P     92.81 47.08 47.98 0.00 -0.90* 0.00     0.000


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-19  2240 32.21  39 22.34   22E49.27  38.43  0.20  3.48  5.55  4.22  4.16
                                                                          SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  21   31 198.1  Atl  286  13   0  20  10  20              2.00  0.16 L    1.00  0.00 D
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   198.1 252  58  P     63.62 31.41 31.47 0.00 -0.06  1.05     0.308
LKD2 AC HHN   198.1 252  58  S     87.35 55.14 55.07 0.00  0.07  1.05S    0.717
LSK  AC HHZ   209.1 296  58  P     65.23 33.02 32.93 0.00  0.09  1.05     0.139
LSK  AC HHN   209.1 296  58  S     90.05 57.84 57.63 0.00  0.21  1.05S    0.197
IGT  AC HHZ   215.2 276  58  P     65.71 33.50 33.73 0.00 -0.23  1.05     0.145
IGT  AC HHN   215.2 276  58  S     91.31 59.10 59.03 0.00  0.07  1.05S    0.229
KBN  AC HHZ   222.4 310  58  P     66.51 34.30 34.69 0.00 -0.39  0.90     0.092
KBN  AC HHN   222.4 310  58     6  60.00 27.79 34.69 0.00        0.00     0.000 1.00               19 .89   4.77 L
                          S     92.64 60.43 60.71 0.00 -0.28  1.05S    0.136
SRN  AC HHZ   248.7 285  58  P     70.47 38.26 38.16 0.00  0.10  1.05     0.144
SRN  AC HHN   248.7 285  58  S     98.61 66.40 66.78 0.00 -0.38  0.94S    0.181
SRN  AC HHE   248.7 285  58     6  60.00 27.79 38.16 0.00        0.00     0.000 1.00              7.01.08   4.46 L
VLO  AC HHZ   309.4 295  58  P     78.67 46.46 46.18 0.00  0.28  1.05     0.140 1.00  75   4.16 D
VLO  AC HHN   309.4 295  58  S    113.05 80.84 80.82 0.00  0.02  1.05S    0.201
PHP  AC HHZ   326.5 323  58  P     80.90 48.69 48.46 0.00  0.23  1.05     0.163
PHP  AC HHN   326.5 323  58  S    117.01 84.80 84.81 0.00 -0.01  1.05S    0.226
TIR  AC HHZ   333.5 313  58  P     81.35 49.14 49.37 0.00 -0.23  1.05     0.126
TIR  AC HHN   333.5 313  58  S    118.82 86.61 86.40 0.00  0.21  1.05S    0.134
PUK  AC HHZ   386.3 322  58  P     89.04 56.83 56.36 0.00  0.47  0.36     0.018
PUK  AC HHN   386.3 322  58  S    130.99 98.78 98.63 0.00  0.15  1.05S    0.207
BCI  AC HHZ   405.6 326  58  P     91.02 58.81 58.91 0.00 -0.10  1.05     0.189
BCI  AC HHN   405.6 326  58  S    135.11102.90103.09 0.00 -0.19  1.05S    0.300


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-23  1018 42.61  43  4.60   19E50.30   7.34  0.06  3.15  1.51  2.49
                                                                          SOURCE
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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  81.1  Atl  345  12   0   5   3   6              3.00  0.05 L    0.00  0.00 D
REGION= Mali i Zi (Montenegro)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
BCI  AC HHZ    81.1 166  91  P     57.10 14.49 14.58 0.00 -0.09  1.00     0.623
BCI  AC HHE    81.1 166  91     6  60.00 17.39 14.58 0.00        0.00     0.000 1.00             0.78 .46   2.44 L
                            S     68.16 25.55 25.51 0.00  0.03  1.00S    0.876
PUK  AC HHZ   114.9 177  90  P     63.07 20.46 20.38 0.00  0.08  1.00     0.623
PUK  AC HHE   114.9 177  90     6  60.00 17.39 20.38 0.00        0.00     0.000 1.00             0.54 .34   2.55 L
                            S     78.22 35.61 35.66 0.00 -0.05  1.00S    0.876
PHP  AC HHZ   162.4 162  68  P     70.35 27.74 28.21 0.00 -0.47  0.00     0.000
PHP  AC HHN   162.4 162  68     6  60.00 17.39 28.21 0.00        0.00     0.000 1.00             0.23 .60   2.49 L
                            S     91.98 49.37 49.37 0.00  0.00  1.00S    1.000


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-27  2056  3.54  42 28.19   19E16.20   2.87  0.14  8.24 15.17        2.65
                                                                                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  66.6  Atl  327   8   0   6   3   6      -       0.00  0.00 L    2.00  0.13 D
REGION= Mali i Zi (Montenegro)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
BCI  AC HHZ    66.6  99  62  P     16.07 12.53 12.36 0.00  0.17  1.01     0.500 1.00  21   2.52 D
BCI  AC HHN    66.6  99  62  S     25.06 21.52 21.63 0.00 -0.11  1.01S    0.836
PUK  AC HHZ    69.9 132  62  P     16.36 12.82 12.92 0.00 -0.10  1.01     0.500 1.00  28   2.77 D
PUK  AC HHN    69.9 132  62  S     26.04 22.50 22.61 0.00 -0.11  1.01S    0.836
PHP  AC HHZ   130.4 131  62  P     26.79 23.25 23.31 0.00 -0.06  1.01     0.508
PHP  AC HHN   130.4 131  62  S     44.58 41.04 40.79 0.00  0.25  0.95S    0.817



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-28  0540  2.22  39 26.95   21E29.81   6.33  0.11  0.72  0.73  4.04  4.04
                                                                                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   27 109.4  Atl  294  14   0  16   8  18              3.00  0.06 L    3.00  0.10 D
REGION= Greqi [Greece]

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
LSK  AC HHZ   109.4 316  90  P     21.86 19.64 19.43 0.00  0.21  1.07     0.196 1.00 120   4.04 D
LSK  AC HHN   109.4 316  90     6   0.00 -2.22 19.43 0.00        0.00     0.000 1.00               18 .43   4.04 L
                            S     36.28 34.06 34.00 0.00  0.06  1.07S    0.441
SRN  AC HHZ   137.0 291  90  P     26.35 24.13 24.17 0.00 -0.04  1.07     0.264 1.00 131   4.14 D
```

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SRN  AC HHN   137.0 291  90     6   0.00 -2.22 24.17 0.00        0.00     0.000 1.00              8.3 .50   3.88 L
                              S     44.41 42.19 42.30 0.00 -0.11  1.07S    0.401
KBN  AC HHZ   143.8 336  68  P     27.41 25.19 25.31 0.00 -0.12  1.07     0.124 1.00  96   3.88 D
KBN  AC HHN   143.8 336  68     6   0.00 -2.22 25.31 0.00        0.00     0.000 1.00              12 .54   4.10 L
                              S     46.54 44.32 44.29 0.00  0.03  1.07S    0.234
FNA  AC HHZ   148.3 357  68  P     28.31 26.09 26.02 0.00  0.07  1.07     0.262
FNA  AC HHN   148.3 357  68  S     47.63 45.41 45.53 0.00 -0.13  1.07S    0.430
VLO  AC HHZ   205.1 305  68  P     37.21 34.99 35.09 0.00 -0.10  1.07     0.155
VLO  AC HHN   205.1 305  68  S     63.69 61.47 61.41 0.00  0.06  1.07S    0.296
TIR  AC HHZ   252.3 328  50  P     43.96 41.74 41.67 0.00  0.07  1.07     0.171
TIR  AC HHN   252.3 328  50  S     75.19 72.97 72.92 0.00  0.05  1.07S    0.270
PHP  AC HHZ   263.9 341  50  P     45.60 43.38 43.20 0.00  0.18  1.07     0.175
PHP  AC HHN   263.9 341  50  S     77.77 75.55 75.60 0.00 -0.05  1.07S    0.222
PUK  AC HHZ   318.3 336  50  P     52.38 50.16 50.40 0.00 -0.24  0.91     0.120
PUK  AC HHN   318.3 336  50  S     90.48 88.26 88.20 0.00  0.06  1.07S    0.231
BCI  AC HHZ   345.7 341  50  P     56.70 54.48 54.02 0.00  0.46  0.00     0.000
BCI  AC HHN   345.7 341  50  S     97.13 94.91 94.54 0.00  0.37  0.02S    0.000



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-24  2241 23.35  43 38.18   21E17.11   3.32  0.18 14.66  9.41        3.97
                                                                          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    9 172.5  Atl  342  20   0   6   3   6      -       0.00  0.00 L    3.00  0.11 D
REGION=  Serbi

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
BCI  AC HHZ   172.5 216  55  P     53.43 30.08 30.20 0.00 -0.12  1.05     0.537 1.00  74   3.69 D
BCI  AC HHN   172.5 216  55  S     76.03 52.68 52.85 0.00 -0.17  1.05S    0.848
PUK  AC HHZ   210.5 214  55  P     59.81 36.46 36.26 0.00  0.20  1.05     0.537 1.00 113   4.08 D
PUK  AC HHN   210.5 214  55  S     86.97 63.62 63.45 0.00  0.17  1.05S    0.848
PHP  AC HHZ   227.6 198  43  P     61.80 38.45 38.82 0.00 -0.37  0.76     0.340 1.00  97   3.97 D
PHP  AC HHN   227.6 198  43  S     91.30 67.95 67.93 0.00  0.01  1.05S    0.887



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2014-12-28  2143 36.64  39 23.61   16E29.51  18.32  0.28  1.07  2.07  4.57
                                                                          SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  21   28 162.4  Atl  248  12   0  19   7  20             5.00  0.21 L    0.00  0.00 D
REGION= Itali e Jugut [Southern Italy]

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
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```
VLO  AC HHZ   283.2  64  51  P     81.54 44.90 44.47 0.00  0.43  1.06     0.078
VLO  AC HHN   283.2  64  51     6  60.00 23.36 44.47 0.00        0.00     0.000 1.00              15 .69   4.92 L
                             S    114.80 78.16 77.82 0.00  0.34  1.06S    0.243
SRN  AC HHZ   306.1  78  51  P     83.78 47.14 47.50 0.00 -0.36  1.06     0.116
SRN  AC HHN   306.1  78  51     6  60.00 23.36 47.50 0.00        0.00     0.000 1.00             4.1 .83   4.44 L
                             S    119.69 83.05 83.13 0.00 -0.08  1.06S    0.308
TIR  AC HHZ   359.5  51  51  P     91.99 55.35 54.56 0.00  0.79* 0.50     0.016
TIR  AC HHN   359.5  51  51     6 120.00 83.36 54.56 0.00        0.00     0.000 1.00             2.3 .63   4.36 L
                             S    132.13 95.49 95.48 0.00  0.01  1.06S    0.240
LSK  AC HHZ   361.9  75  51  P     91.76 55.12 54.88 0.00  0.24  1.06     0.105
LKD2 AC HHZ   366.8  99  51  P     91.84 55.20 55.53 0.00 -0.33  1.06     0.236
KBN  AC HHZ   391.5  68  51  P     95.51 58.87 58.80 0.00  0.07  1.06     0.086
KBN  AC HHE   391.5  68  51     6 120.00 83.36 58.80 0.00        0.00     0.000 1.00             3.0 .68   4.57 L
PUK  AC HHZ   411.3  43  51  P     97.56 60.92 61.41 0.00 -0.49  1.06     0.080
PUK  AC HHN   411.3  43  51     6 120.00 83.36 61.41 0.00        0.00     0.000 1.00             4.7 .50   4.83 L
                             S    143.93107.29107.47 0.00 -0.18  1.06S    0.261
PHP  AC HHZ   420.4  51  51  P     99.36 62.72 62.62 0.00  0.10  1.06     0.072
FNA  AC HHZ   445.0  68  51  P    102.30 65.66 65.87 0.00 -0.21  1.06     0.086
BCI  AC HHZ   447.1  41  51  P    102.93 66.29 66.15 0.00  0.14  1.06     0.084
```

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

2014 12 08  0826  04.22                                    PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      0826  04.22
PUK  SE ISG      0826  06.26


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

2014 12 08  0831  52.25                                    PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
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```
PUK  SZ IPG      0831  52.25
PUK  SE ISG      0831  54.31


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

2014 12 08  0836  19.91                                    PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      0836  19.91
PUK  SE ISG      0836  22.11


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

2014 12 08  0837  50.60                                    PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      0837  50.60
PUK  SE ISG      0837  52.97

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

2014 12 08  0838  19.94                                    PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      0838  19.94
PUK  SE ISG      0838  22.70


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

2014 12 08  0839  58.87                                    PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      0839  58.87
PUK  SE ISG      0840  01.21
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Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter

2014 12 08  0843  29.34                                      PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      0843  29.34
PUK  SE ISG      0843  31.40



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

2014 12 08  0848  06.06                                      PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      0848  06.06
PUK  SE ISG      0848  06.06


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

2014 12 08  0849  40.26                                      PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      0849  40.26
PUK  SE ISG      0849  42.41


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

2014 12 08  0904  59.42                                      PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      0904  59.42
PUK  SE ISG      0905  01.53



Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
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2014 12 08  0905  26.26                                    PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      0905  26.26
PUK  SE ISG      0905  28.08



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

2014 12 08  0906  34.33                                    PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      0906  34.33
PUK  SE ISG      0906  36.42



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

2014 12 08  0913  08.65                                    PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      0913  08.65
PUK  SE ISG      0913  10.04



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

2014 12 08  0922  07.62                                    PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      0922  07.62
PUK  SE ISG      0922  09.89



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

2014 12 08  0924  39.83                                    PUK
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```
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      0924  39.83
PUK  SE ISG      0924  42.16



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

2014 12 08  0925  26.63                                    PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      0925  26.63
PUK  SE ISG      0925  28.97



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

2014 12 08  1237  58.98                                    PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      1237  58.98
PUK  SE ISG      1238  01.17



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

2014 12 08  1254  29.81                                    PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      1254  29.81
PUK  SE ISG      1254  32.53



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

2014 12 08  1301  57.03                                    PUK
GAP=                    hor.err=           ver.err=
```

```
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      1300  57.03
PUK  SE ISG      1300  59.24



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

2014 12 08  1304  28.73                                    PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      1304  28.73
PUK  SE ISG      1304  31.07



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

2014 12 08  1319  48.90                                    PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      1319  48.90
PUK  SE ISG      1319  51.11



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

2014 12 08  1321  05.39                                    PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      1321  05.39
PUK  SE ISG      1321  07.89



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

2014 12 08  1333  43.25                                    PUK
GAP=                    hor.err=           ver.err=
```

```
STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      1333  43.25
PUK  SE ISG      1333  45.59


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

2014 12 08  1333  43.25                                    PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      1333  43.25
PUK  SE ISG      1333  45.59


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

2014 12 08  1337  27.75                                    PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      1337  27.75
PUK  SE ISG      1337  29.99


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

2014 12 08  1455  44.91                                    PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      1455  44.91
PUK  SE ISG      1455  47.00


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

2014 12 08  1517  44.63                                    PUK
GAP=                    hor.err=           ver.err=

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

```
PUK  SZ IPG      1517  44.63
PUK  SE ISG      1517  46.77


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

2014 12 08  1542  58.21                                  PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      1542  58.21
PUK  SE ISG      1543  00.49


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

2014 12 08  1714  48.59                                  PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      1714  48.59
PUK  SE ISG      1714  50.75


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

2014 12 08  1718  15.37                                  PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      1718  15.37
PUK  SE ISG      1718  17.51


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

2014 12 08  1744  49.99                                  PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      1744  49.99
```

```
PUK  SE ISG      1744  52.17


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

2014 12 08  1810  34.48                                    PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      1810  34.48
PUK  SE ISG      1810  36.68


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

2014 12 08  1829  47.05                                    PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      1829  47.05
PUK  SE ISG      1829  49.42


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

2014 12 08  1844  12.25                                    PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      1844  12.25
PUK  SE ISG      1844  13.54


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

2014 12 08  1849  26.34                                    PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      1849  26.34
PUK  SE ISG      1849  27.44
```

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

2014 12 09  0920  45.70                                    PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      0920 45.70
PUK  SE ISG      0920 48.05



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

2014 12 09  0933  52.87                                    PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      0933 52.87
PUK  SE ISG      0933 55.22



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

2014 12 09  1018  07.25                                    PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      1018 07.25
PUK  SE ISG      1018 09.48



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

2014 12 09  1132  55.43                                    PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      1132 55.43
PUK  SE ISG      1132 59.40
```

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

2014 12 09  1216  51.20                                      PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      1216 51.20
PUK  SE ISG      1216 53.64



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

2014 12 09  1806  56.30                                      PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      1806 56.30
PUK  SE ISG      1806 58.03



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

2014 12 09  1807  16.62                                      PUK
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PUK  SZ IPG      1807 16.62
PUK  SE ISG      1807 19.71



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

2014 12 11  1129  53.12                                      TIR
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
TIR  SZ IPG      1129  53.12
TIR  SE ISG      1129  53.12
```

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

2014 12 14  1545  37.28                                    PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1545 37.28
PHP  SE ISG      1545 38.67



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

2014 12 14  1545  37.28                                    PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1620 21.28
PHP  SE ISG      1620 24.22



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

2014 12 15  0733  54.92                                   BCI
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
BCI  SZ IPG      0733 54.92
BCI  SE ISG      0733 58.77



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

2014 12 15  1351  07.20                                   BCI
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
BCI  SZ IPG      1351 07.20
BCI  SE ISG      1351 08.06



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

```
2014 12 16  1856  27.43                                    KBN
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
KBN  SZ IPG      1856 27.43
KBN  SE ISG      1856 29.87



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

2014 12 18  1917  02.03                                    TIR
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
TIR  SZ IPG      1917 02.03
TIR  SE ISG      1917 05.88



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

2014 12 21  1833  35.18                                    PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      1833 35.18
PHP  SE ISG      1833 39.38



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

2014 12 25  2228  07.15                                    PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON             AZIMU RES   DIS   DUR   Md
PHP  SZ IPG      2228 07.15
PHP  SE ISG      2228 10.26
```

Katalogu i Tërmeteve të Shqipërisë, Dhjetor 2014

Katalogu përfshin ngjarjet brenda poligonit të kufizuar nga koordinatat: 38.5- V dhe 18.5-21. L

Nr	Data	Koha	Gjer. Gjeo.	Gjat. Gjeo.	Thell.	rms	Mag.	Vendnd.
	dd/mm/VVVV	hh:mm:ss.s	(°)	(°)	km	sek	L/d	
No.	**Date**	**Time**	**Lat.**	**Lon.**	**Dep.**	**Rms**	**Mag.**	**Location**
1	2014-12-01	0239 31.15	41.17	20.07	3	0.16	2.4	Elbasani (Albania)
2	2014-12-01	1419 29.88	40.73	19.70	3	0.16	2.9	Rroskovec (Albania)
3	2014-12-04	0538 46.76	42.08	20.87	7	0.11	2.6	Maqedoni (Macedonia)
4	2014-12-05	0245 27.66	41.92	20.28	2	0.07	2.3	Kukës (Albania)
5	2014-12-05	0610 10.98	43.75	17.92	5	0.12	2.9	Bosnia & Herzegovina
6	2014-12-05	0730 24.14	38.88	21.25	10	0.23	2.3	Greqi (Greece)
7	2014-12-07	0026 23.39	39.44	20.69	7	0.18	3.2	Greqi (Greece)
8	2014-12-07	0508 18.98	41.08	20.29	6	0.13	2.7	Elbasani(Albania)
9	2014-12-07	1259 52.56	39.41	22.61	9	0.16	4.1	Greqi (Greece)
10	2014-12-07	2028 8.90	40.58	22.77	7	0.29	2.9	Greqi (Greece)
11	2014-12-08	0155 54.15	39.28	20.04	1	0.10	2.5	Greqi (Greece)
12	2014-12-08	0823 32.78	42.07	19.98	1	0.18	2.3	Puka (Albania)
13	2014-12-08	0829 38.85	42.05	19.97	3	0.25	1.6	Puka (Albania)
14	2014-12-08	0847 12.66	42.05	19.96	5	0.45	1.8	Puka (Albania)
15	2014-12-08	1018 32.26	42.01	19.71	4	0.16	2.4	Puka (Albania)
16	2014-12-08	1027 27.35	42.01	19.71	3	0.18	2.7	Puka (Albania)
17	2014-12-08	1234 41.57	42.02	19.72	4	0.11	2.1	Puka (Albania)
18	2014-12-08	1335 8.92	41.06	19.66	2	0.26	2.4	Laci (Albania)
19	2014-12-08	1900 2.31	42.02	19.71	4	0.19	2.8	Puka (Albania)
20	2014-12-09	0002 46.56	41.05	20.16	3	0.09	2.1	Bulqiza (Albania)
21	2014-12-09	0004 16.32	41.05	20.18	20	0.17	2.9	Bulqiza (Albania)
22	2014-12-09	0221 47.25	42.07	19.95	5	0.09	2.1	Puka (Albania)
23	2014-12-09	0531 15.45	42.06	19.99	4	0.30	2.4	Puka (Albania)
24	2014-12-09	0537 58.92	42.02	19.72	4	0.24	2.6	Puka (Albania)
25	2014-12-09	0917 30.55	42.00	19.68	2	0.04	2.3	Puka (Albania)
26	2014-12-09	2009 12.87	42.07	19.98	1	0.13	2.4	Puka (Albania)
27	2014-12-09	2011 19.43	42.07	19.97	1	0.14	2.5	Puka (Albania)
28	2014-12-10	0024 8.90	42.05	19.99	3	0.13	1.7	Puka (Albania)
29	2014-12-11	0420 35.40	42.28	19.50	4	0.17	2.5	Shkodra (Albania)
30	2014-12-12	2302 51.22	41.45	19.41	6	0.04	2.5	Durrësi (Albania)
31	2014-12-13	1536 55.57	42.47	19.31	3	0.07	1.7	Mali Zi (Montenegro)
32	2014-12-13	2335 43.16	42.83	20.48	3	0.05	2.4	Kosova (Kosovo)
33	2014-12-14	0157 11.61	41.87	20.16	9	0.12	2.1	Burreli (Albania)
34	2014-12-14	0543 30.06	41.84	20.13	3	0.14	2.7	Burreli (Albania)
35	2014-12-15	0650 18.94	40.63	20.97	3	0.17	3.3	Korca (Albania)
36	2014-12-16	1814 4.33	41.42	20.48	14	0.08	2.4	Dibër (Albania)

37	2014-12-19	0726	45.73	39.64	20.39	20	0.13	4.1	Greqi (Greece)
38	2014-12-19	2240	32.21	39.37	22.82	38	0.20	4.2	Greqi (Greece)
39	2014-12-21	0145	5.13	41.98	20.21	6	0.06	2.1	Burreli (Albania)
40	2014-12-22	0127	51.44	40.60	19.92	1	1.11	2.9	Berati (Albania)
41	2014-12-22	1700	46.62	40.05	20.04	2	0.22	2.8	Gjirokastër (Albania)
42	2014-12-23	0201	38.52	40.60	19.90	1	0.14	3.2	Berati (Albania)
43	2014-12-23	1018	42.61	43.08	19.84	7	0.06	2.5	Berati (Albania)
44	2014-12-23	1151	26.26	42.06	19.08	11	0.26	2.7	Burreli (Albania)
45	2014-12-24	0203	44.57	41.09	20.22	4	0.04	2.4	Burreli (Albania)
46	2014-12-24	0220	52.89	41.90	20.20	5	0.02	1.9	Burreli (Albania)
47	2014-12-24	0239	33.89	41.13	19.98	4	0.19	2.6	Elbasan (Albania)
48	2014-12-24	2028	55.85	41.34	19.98	2	0.23	2.8	Tirana (Albania)
49	2014-12-24	2241	23.35	43.64	21.29	3	0.18	4.0	Kosova (Kosovo)
50	2014-12-26	2139	47.69	40.31	19.80	4	0.13	3.1	Vermik (Albania)
51	2014-12-27	2056	3.54	42.45	19.27	3	0.14	2.7	Mali Zi (Montenegro)
52	2014-12-28	0540	2.22	39.45	21.50	6	0.11	4.0	Greqi (Greece)
53	2014-12-28	2143	36.64	39.39	16.49	18	0.28	4.6	Greqi (Greece)
54	2014-12-29	1908	40.72	42.19	19.50	19	0.03	2.7	Koplik (Albania)
55	2014-12-29	2034	11.57	41.70	19.28	7	0.33	4.8	Adriatic Sea
56	2014-12-29	2036	23.41	41.70	19.38	9	0.07	3.0	Adriatic Sea
57	2014-12-29	2134	41.88	41.68	19.28	13	0.11	2.8	Adriatic Sea
58	2014-12-29	2319	46.07	41.70	19.24	2	0.14	2.9	Adriatic Sea
59	2014-12-29	2339	35.94	41.58	19.12	1	0.34	2.7	Adriatic Sea
60	2014-12-30	2241	23.91	41.52	20.17	1	0.07	2.6	Bulqiza (Albania)
61	2014-12-30	2310	56.07	41.50	20.23	5	0.14	3.5	Bulqiza (Albania)
62	2014-12-30	2354	42.82	41.51	20.18	4	0.08	2.8	Bulqiza (Albania)

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

Ngjarja 1 (Event 1):

Datë 29.12.2014, në orën 20:34:11.57 (UTC); lokalizuar 41.70V; 19.28L, në Detin Adriatik, 25 km në perndim të qytetit te Lezhës; Intensiteti i tërmetit në epiqendër = VI ballë (MSK-64); Ndjerë: V ballë në qytetet Shengjin dhe Lezhë, IV ballë në qytetet Shkoder dhe Lac, III ballë në qytetet Durrës, Tiranë, Burrel dhe Pukë
(Intensity = V degree MSK-64, felt IV degree at Shengjini and Lezha Towns, IV degree at Shkodra and Laci towns, III degree at Durresi, Tirana, Burreli and Puka towns)

<u>Shënim</u>: Intensiteti i tërmetit në epiqendër është përcaktuar nga relacioni **= (Mag (/d) – 1)/0.6**
Note: The earthquake Intensity in epicenter is derived from the relation **= (Mag (ML/d) – 1)/0.6**

Zgjidhjet e makanizmit të vatrave për tërmetet M>3.0

[*Focal Mechanism Solutions for earthquakes with Mag. > 3.0*]

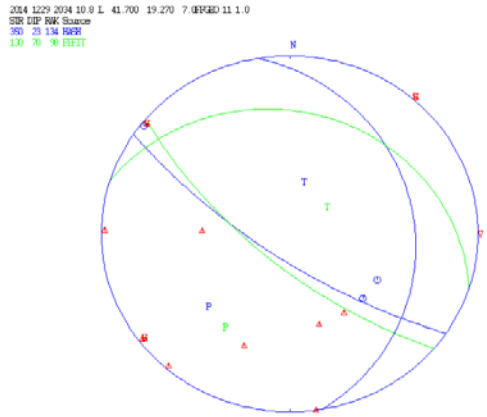
Analiza bazohet në përcaktimin e polariteteve (+/-, respektivisht sipër dhe poshtë ose zgjerim P dhe ndrydhje T), të fazave sizmike primare (/n, IP, EP, PP), rënëse në seicilin nga stacionet sizmologjik që regjistron çdonjerën nga ngjarjet sizmike, dhe përcaktimin e gjeometrisë së modelit të vatrës, që përputhet më mirë me këtë shpërndarje (karakteristika e rrezatimit). Në analizë, për të rrirur saktësinë, merren në konsiderat si parametra hyrës në llogaritje, edhe vlerat e raporteve të . të fazave primare P me ato dytësore S, por edhe të vetë amplitudave maksimale për fazat dytësore në komponentet e ndryshme horizontale e vertikale (SV/P, SH/P dhe SH/SV). Për analizën e mësipërme përdoren një dhe/ose më shumë rutina të sistemit SEISAN (ver. 10.1.2), në varësi të informacionit valor të regjistruar për çdo tërmet. Së pari tentohet një zgjidhje vetëm me polaritetet (zgjidhje "robuste"), për të cilën përdoret programi FPFIT, më tej për të optimizuar zgjidhjen, duke marrë në konsiderat edhe raportet e përftuara për amplitudat fazore maksimale, përdoren programet FOCMEC dhe HASH, [shih Referencat]. Rezultatet e përftuara renditen për çdo ngjarje në trajtën parametrike dhe grafike.

The FM analysis is based on the determination of the first onsets polarities as the input for the computation of the geometry of the seismic source in accordance with its real radiation pattern. To achieve reliable solutions also maximum amplitude ratios for the secondary S to primary P waves as well as of the secondary phases recorded for different horizontal and vertical components, are used. Based on these inputs and the quantity of data available for each event, one or several different routines of SEISAN analyzing system, are used as well. Thus, taking into account only the first onset polarities and attempting for a robust solution, if enough data and good station coverage is accomplished, FPFIT is used primary. To better constrain the solution, by taking as well as the maximum amplitude ratios, FOCMEC and HASH are used (References). The achieved results are given in the parametric and graphical form, in the following of this section.

EV201412292034_4.8
Epiqendra (Location): Deti Adriatik, P te Lezhes [*Adriatic Sea, west of Lezha*]
Mag. 4.8 (– lokale)
Parametrat e lokalizimit (location parameters)
date hrmn sec lat long depth no m rms damp erln erlt erdp ic
141229 2034 10.83 4142.00N 19 16.2E 7.0 14 2 1.05 0.000 9.5 5.1 0.0 3
Gabimi në kohën në origjinë (origine time error): 2.24 sek
Mosmbulimi këndor (Azimuthal Gap in Station Coverage):
Ngjarja është lokalizuar duke mbajtur të fiksuar koordinatat dhe thellësinë dhe duke optimizuar zgjidhjen!
Polaritetet e përdorura (used polarities):

Stat	**C**	**D**
TIR	1	0
PUK	0	1
PHP	0	1
BCI	0	1
VLO	0	1
KBN	1	0
SCTE	0	1
FNA	1	0
LSK	0	1
SRN	0	1

Sum of maximum number of polarities 11
Sum of minimum number of polarities 0



Për përcaktimin e mekanizmit bazuar në raportin e amplitudave, vetëm stacionet TIR, PUK, PHP dhe BCI, janë marrë në konsiderat nga programi, duke përjashtuar amplitudat e vlerësuara për stacionet e tjerë, për shkak të gabimit të lartë.

Amplitude ratio parameters:
Q: Local: Qp= 100.0**1.00 Qs= 84.0** 0.8 Global: t*(P)=1.10 t*(S)=4.20

STAT	**C**	**PH**	**AMP**	**PER**	**TRTIME**	**QCOR**	**ANGINC**	**ANGEMG**	**Fcor**	**AZ**	**DIST**
TIR	Z	PG	60188	0.24	11.5	1.4	91	51	1.2	128	63
TIR	Z	SG	75127	1.02	20.1	2.1	91	51	-0.3	128	63
TIR	T	SG	66005	1.12	20.1	2.1	91	51	2.0	128	63
PUK	Z	PG	142000	0.31	11.8	1.4	91	51	1.2	53	64
PUK	T	SG	626000	0.58	20.5	2.3	91	51	2.0	53	64
PUK	Z	SG	282000	0.32	20.5	2.5	91	51	-0.3	53	64
PHP	Z	PG	43926	0.42	17.5	1.7	90	51	1.2	91	97
PHP	Z	SG	127000	0.34	31.1	4.0	90	51	-0.3	91	97
BCI	Z	PG	55100	0.70	17.8	1.7	90	51	1.2	41	99
BCI	Z	SG	163000	0.68	30.9	3.4	90	51	-0.3	41	99
BCI	T	SG	225000	0.94	30.9	3.2	90	51	2.0	41	99

STAT	**Ratio type**	**T**	**Amp 1**	**Amp 2**	**Fcor**	**LogRat**
TIR	SV(Z)/P(Z)	V	75127	60188	0.9	0.24
TIR	SH(T)/P(Z)	H	66005	60188	0.6	-0.01

TIR	SV(Z)/SH(T)	S	75127	66005	1.6	0.26
PUK	SH(T)/P(Z)	H	626000	142000	0.6	0.63
PUK	SV(Z)/P(Z)	V	282000	142000	0.9	0.51
PUK	SV(Z)/SH(T)	S	282000	626000	1.6	-0.12
PHP	SV(Z)/P(Z)	V	127000	43926	0.9	0.80
BCI	SV(Z)/P(Z)	V	163000	55100	0.9	0.74
BCI	SH(T)/P(Z)	H	225000	55100	0.6	0.66
BCI	SV(Z)/SH(T)	S	163000	225000	1.6	0.08

Statistika e përpunimit (*error statistics*):

Number of polarities is	11
Number of amplitude ratios is	3
Minimum number of polarity misfits overall	0
Minimum average amplitude error overall	0.09
New number of *pol. misfits inc.* extra is	1
Minimum average amplitude error for pol ok	
New average amp limit is	
Number of solutions found	343

Zgjidhja e përftuar nga programi HASH (*fault plane & statistical limits with hash*):

Strike,dip,rake 350.2 22.9 133.9
Fault+aux plane uncertainty 24.3 24.2

Rezultatet e Analizës (*Analysis results*):

2014 1229 2034 10.8 L 41.700 19.270 7.0FFGEO 11 1.0 1
GAP=129 2.24 5.1 9.5 0.0 -0.1881E+02 0.0000E+00 0.0000E+00E
350.2 22.9 133.9 24.2 24.3 0.00 0.38 1.65 HASH F
130.0 70.0 98.0 1.0 5.0 4.0 0.0 0.1 FPFIT F

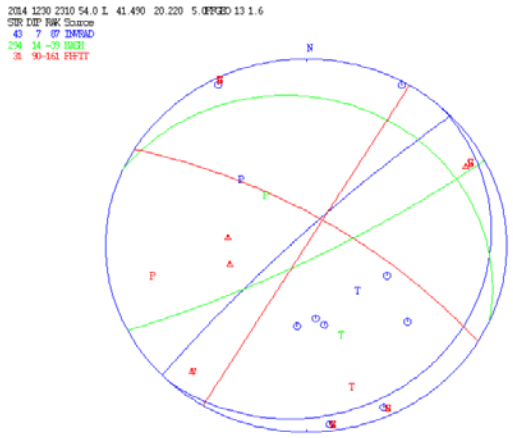
Bazuar në zgjidhjen e përftuar, ajo e përcaktuar nëpërmjet programit HASH, është e pranueshme: F = 0 ≤ 1.0 dhe STDR = 0.38 < 0.5 (e pranueshme ≥ 0.5).
Parametrat e përftuar nëpërmjet programit HASH (solution through HASH program)

Madhësia e përcaktuar [determined parameter]	Vlera [value]		
Active plane (plani aktiv)			
Strike,dip,rake	350.2	22.9	133.9
Fault+aux plane uncertainty	24.3	24.2	
Weighted fraction of pol misfits	0.00		
Average amplitrude error	1.65		
Station dist ratio	0.38		
Auxiliary plane (plani ndihmës)			
Strike, dip, rake	123.6	73.7	73.6
P- axes: strike, dip	227		27
T-axes : strike, dip	11.3		58.2

EV201412302310_3.4
Epiqendra (Location): Bulqize, Rajoni i Dibres [*Bulqiza, Dibra Region*]
Mag. 3.4 (– lokale)
Parametrat e lokalizimit (location parameters)
date hrmn sec lat long depth no m rms damp erln erlt erdp ic
141230 2310 53.97 4129.40N 20 13.2E 5.0 16 2 1.58 0.000 9.6 4.6 0.0 3
Gabimi në kohën në origjinë (origine time error): 3.26 sek
Mosmbulimi këndor (Azimuthal Gap in Station Coverage):
Ngjarja është lokalizuar duke mbajtur të fiksuar koordinatat dhe thellësinë dhe duke optimizuar zgjidhjen!
Polaritetet e përdorura (used polarities):

Stat	C	D
PHP	0	1
TIR	1	1
PUK	2	0
BCI	2	0
KBN	2	0
FNA	1	0
VLO	1	0
LSK	1	0
SRN	1	0
THE	1	0

Sum of maximum number of polarities 16
Sum of minimum number of polarities 0



Për përcaktimin e mekanizmit bazuar në raportin e amplitudave, vetëm stacionet PHP, TIR, PUK, BCI, dhe KBN, janë marrë në konsiderat nga programi, duke përjashtuar amplitudat e vlerësuara për stacionet e tjerë, për shkak të gabimit të lartë.

Amplitude ratio parameters:
Q: Local: Qp= 100.0**1.00 Qs= 84.0** 0.8 Global: t*(P)=1.10 t*(S)=4.20

STAT	C	PH	AMP	PER	TRTIME	QCOR	ANGINC	ANGEMG	Fcor	AZ	DIST
PHP	Z	PG	17334	0.12	5.8	1.2	96	61	1.0	40	28
PHP	Z	SG	11608	0.16	10.4	1.7	96	61	-0.5	40	28
TIR	Z	PG	2917	0.32	6.8	1.2	95	61	1.0	242	33
TIR	T	SG	63885	0.30	11.8	1.7	95	61	2.0	242	33
TIR	Z	SG	47880	0.36	11.8	1.7	95	61	-0.5	242	33
PUK	Z	PG	318	0.32	13.3	1.5	92	61	1.0	336	67
PUK	Z	SG	2143	0.32	23.2	2.8	92	61	-0.5	336	67
PUK	T	SG	4874	0.29	23.2	2.9	92	61	2.0	336	67
BCI	Z	PG	169	0.09	19.3	1.8	91	61	1.0	353	98
BCI	T	SG	2288	0.96	33.6	3.5	91	61	2.0	353	98
BCI	Z	SG	2232	0.38	33.6	4.3	91	61	-0.5	353	98
KBN	Z	PG	59	0.31	21.1	1.9	91	61	1.0	153	107
KBN	Z	SG	347	0.35	36.7	5.1	91	61	-0.5	153	107
KBN	T	SG	878	0.31	36.7	5.2	91	61	2.0	153	107

STAT	Ratio type	T	Amp 1	Amp 2	Fcor	LogRat
PHP	SV(Z)/P(Z)	V	11608	17334	0.9	-0.08

TIR	SH(T)/P(Z)	H	63885	2917	0.5	1.17
TIR	SV(Z)/P(Z)	V	47880	2917	0.9	1.30
TIR	SV(Z)/SH(T)	S	47880	63885	1.8	0.13
PUK	SV(Z)/P(Z)	V	2143	318	0.9	1.05
PUK	SH(T)/P(Z)	H	4874	318	0.5	1.15
PUK	SV(Z)/SH(T)	S	2143	4874	1.8	-0.10
BCI	SH(T)/P(Z)	H	2288	169	0.5	1.10
BCI	SV(Z)/P(Z)	V	2232	169	0.9	1.44
BCI	SV(Z)/SH(T)	S	2232	2288	1.8	0.34
KBN	SV(Z)/P(Z)	V	347	59	0.9	1.13
KBN	SH(T)/P(Z)	H	878	59	0.5	1.28
KBN	SV(Z)/SH(T)	S	347	878	1.8	-0.15

Statistika e përpunimit (*error statistics*):

Number of polarities is	13
Number of amplitude ratios is	4
Minimum number of polarity misfits overall	0
Minimum average amplitude error overall	0.06
New number of *pol. misfits inc.* extra is	1
Number of solutions found	75
Number of polarities is	13
Number of amplitude ratios is	4

Zgjidhja e përftuar nga programi HASH (*fault plane & statistical limits with hash*):

Strike,dip,rake 294.2 13.9 -39.5
Fault+aux plane uncertainty 22.6 14.4

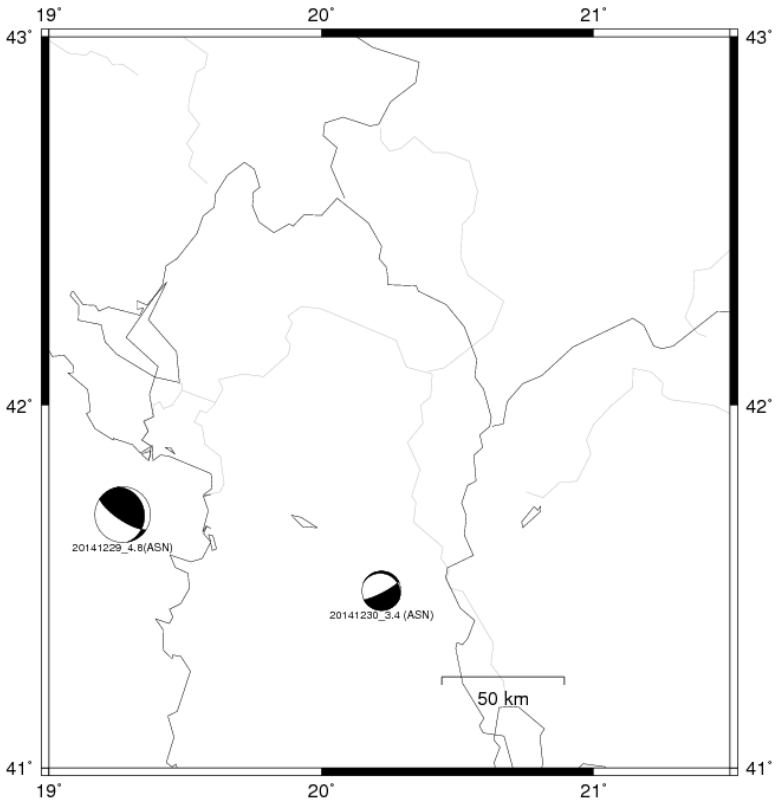
Rezultatet e Analizës (*Analysis results*):

2014 1230 2310 54.0 L 41.490 20.220 5.0FFGEO 13 1.6 1
GAP= 71 3.26 4.6 9.6 0.0 0.6390E+01 0.0000E+00 0.0000E+00E
42.8 6.5 86.8 INVRAD F
294.2 13.9 -39.5 14.4 22.6 **0.12 0.45** 0.56 HASH F
31.0 90.0 -162.0 5.0 0.0 35.0 0.0 0.0 FPFIT F

Bazuar në zgjidhjen e përftuar, ajo e përcaktuar nëpërmjet programit HASH, është e pranueshme: F = 0.12 ≤ 1.0 dhe STDR = 0.45 < 0.5 (e pranueshme ≥ 0.5, STDR = 0.45 ~ 0.5).

Parametrat e përftuar nëpërmjet programit HASH (solution through HASH program)

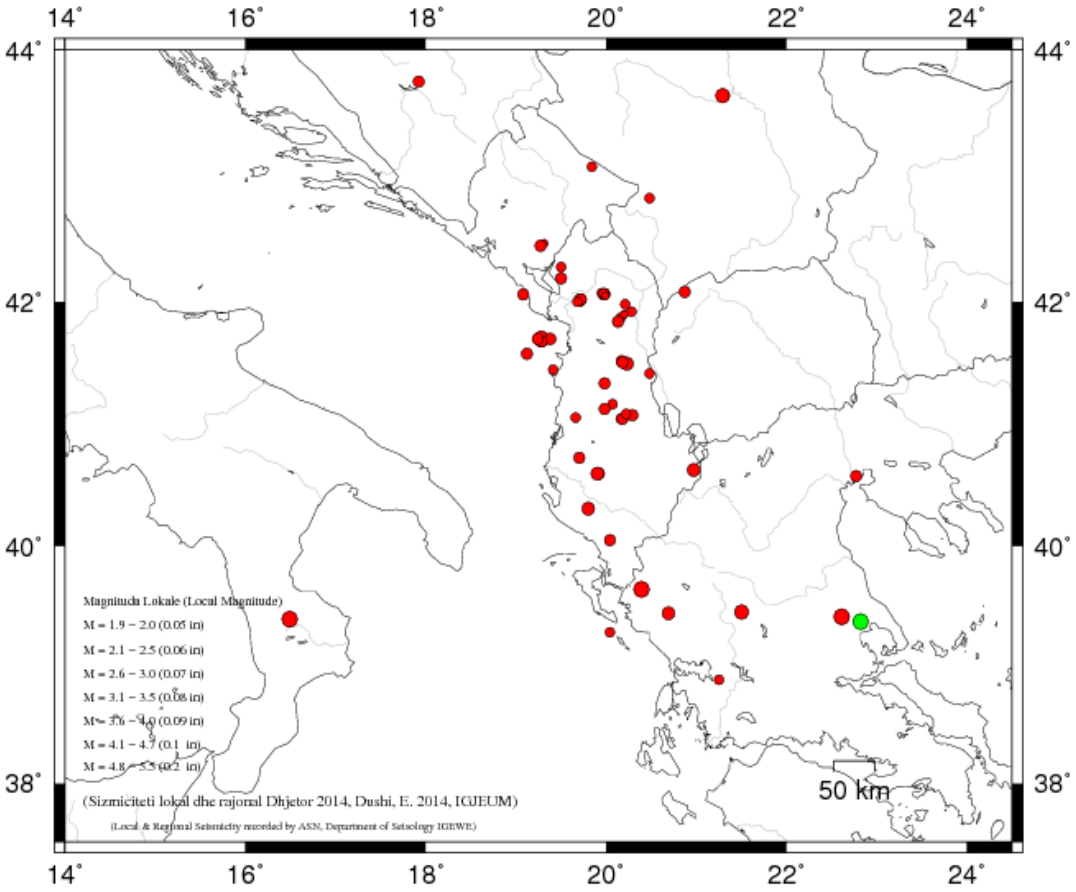
Madhësia e përcaktuar [determined parameter]	Vlera [value]		
Active plane (plani aktiv)			
Strike,dip,rake	294.2	13.9	-39.5
Fault+aux plane uncertainty	22.6	14.4	
Weighted fraction of pol misfits	0.12		
Average amplitrude error	0.56		
Station dist ratio	0.45		
Auxiliary plane (plani ndihmës)			
Strike, dip, rake	62.9	81.2	-100.8
P- axes: strike, dip	320.2		52.6
T-axes : strike, dip	162.2		35.3



- Fig. 2 -

Harta e shpërndarjes së Mekanizmave të vatrës, për tërmetet me M > 3.0 të ndodhur gjatë muajit Dhjetor 2014 brenda territorit të vendit, si dhe tipi i mekanizmit që është vrojtuar.

(*The FM solutions for earthquakes with M>3.0, within Albanian territory during December 2014, and their location)*



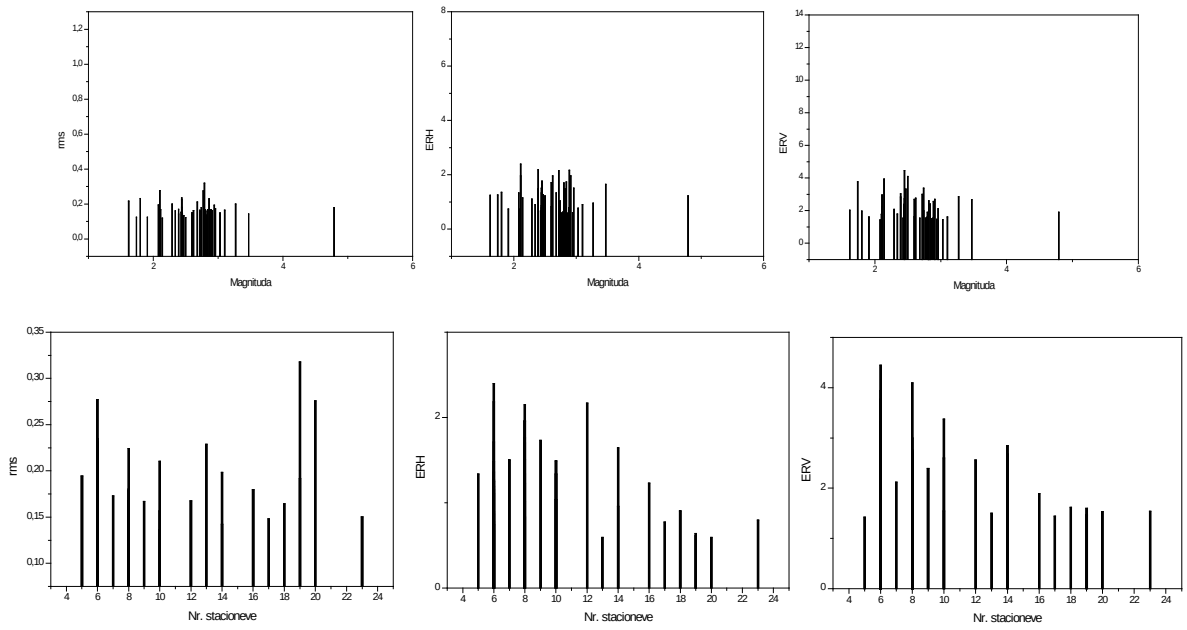
-Fig. 3 -

Harta e shpërndarjes në hapësirë të epiqendrave, në përputhje me magnitude (madhësia e simbolit) dhe thellësinë (ngjyra e simbolit); Ngjarjet janë lokalizuar gjatë muajit Dhjetor 2014, bazuar në regjistrimet e ASN dhe stacioneve sizmologjike në rajon.
(*Epicentral map for located seismicity within Albania and surrounding during December 2014)*

Statistika e gabimit në zgjidhje (Solution's Error Statistics)

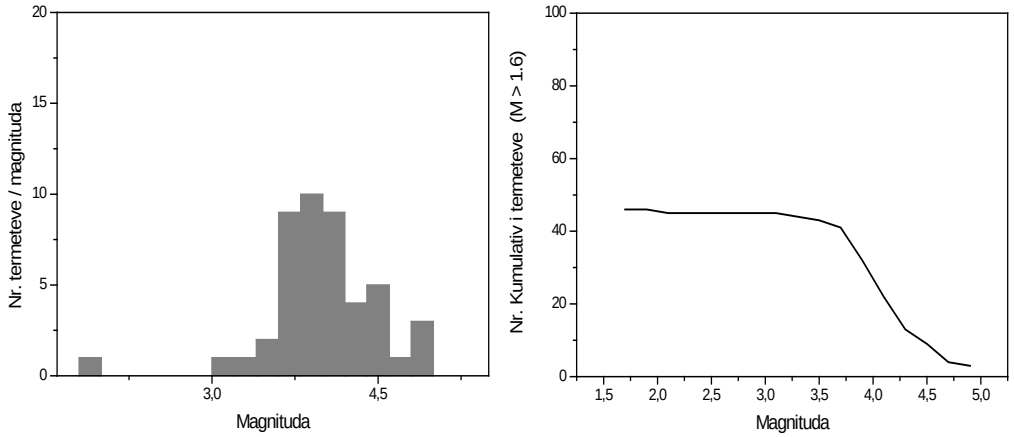
Analiza pasuese synon të japë, nëpërmjet paraqitjes grafike, variacionin e parametrave të vlerësimit të gabimit: ERZ- gabimi në thellësi; ERH – gabimi në vlerësimin e koordinatave të epiqendrës (x, y); RMS – shmangien kuadratike mesatare për zgjidhjen dhe GAP – mos mbulimin azimutal të sferës vatrore në funksion të vlerave të përcaktuara për thellësinë (Dep.) në km, magnitudën lokale (Mag.), numurit të fazave dhe stacioneve sizmikë të përdorur në lokalizim. Rezultatet janë paraqitur në varësitë e treguara nga grafikët në vijim.

[The following analysis gives the overall variation of error parameters of depth (ERZ), location (ERH), coverage gap (GAP) and root mean square (RMS) as a function of source parameters: depth, magnitude and used phase and station number, in the location process.]



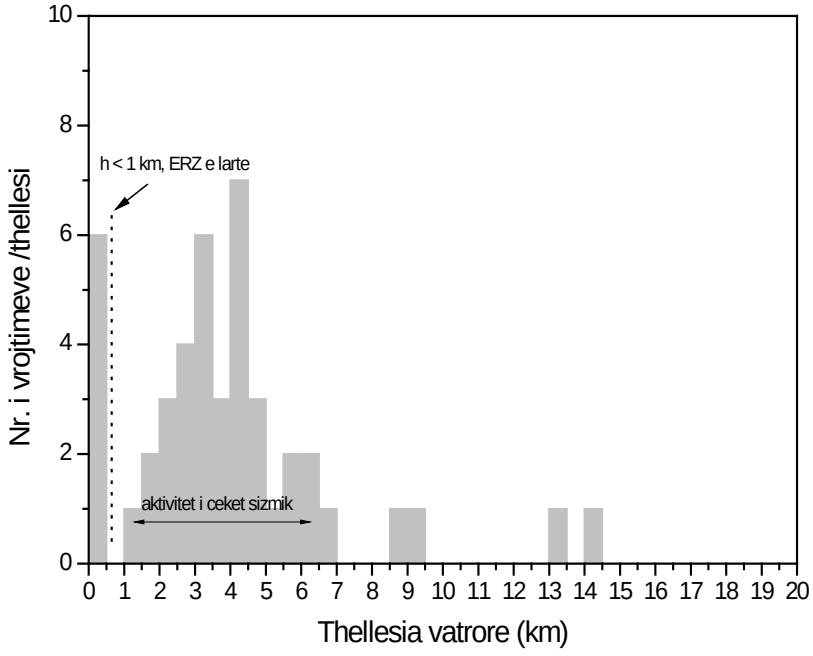
- **Graf. 1** –

Shpërndarja e gabimeve në përcaktimin e parametrave vatrore [Error distribution in the determination of focal parameters]



- **Graf. 2** –

Shperndarja e ngjarjeve me magnitudën [event number distribution with magnitude]



- Graf. 3 –

Analiza e frekuencës së vlerave të vrojtuara të thellësisë vatrore (km) [focal depth distribution frequency analysis]

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]	54
Numuri i ngjarjeve sizmike brenda kufirit shtetëror	[earthquakes occurred within state border]	40
Thellësia mesatare e vrojtuar (km)	[mean observed depth]	5
Thellësia maksimale e vrojtuar (km)	[maximum observed depth]	20
Magnituda lokale minimale e vrojtuar ($M_{L/d}$)	[minimum observed local magnitude]	1.6
Magnituda lokale maksimale e vrojtuar ($M_{L/d}$)	[maximum observed local magnitude]	4.8
Intensiteti maksimal i vrojtuar (MSK-64)	[maximum observed intensity]	VI

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