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BULETINI SIZMOLOGJIK

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Përpiloi:

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H Y R J E

Buletini sizmologjik përmban ngjarjet sizmike (tërmetet), e regjistruar, lokalizuar dhe analizuar gjatë periudhës kohore një-mujore. Përpos 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} – 10^{2} Hz (Broadband sensors)
RT – regjistrim dhe tranmetim i të dhënave valore nga stacionet periferik në Qendrën Kombëtare të Monitorimit, në kohë reale (Real time comunication)

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

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

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

Kodi	**Regjistruar (Po/Jo)**	**Gjer. Gjeo.**	**Gjat. Gjeo.**	**Lartesia**	**Tipi i stacionit**	**Sensori**	**Terheqja e Informacionit**	**Komunikimi**	**T_0**
Station Code	**Registered (WDC)**	**Latitude (degree)**	**Longitude (degree)**	**Elev. (m)**	**Station type**	**Sensor type**	**Acquisition system**	**Comunication**	**Nat.l Period (s)**
TIR	Po (Y)	41.3477	19.8650	198	3C-BB	STS-2	Libra VSAT (InterNaqs)	RT satellite	**120**
BCI	Po (Y)	42.3666	20.0675	500	3C-BB	CMG-40T	Libra VSAT	RT satellite	**40**
PHP	Po (Y)	41.6847	20.4408	670	3C-BB	Trillium 40T	Libra VSAT	RT satellite	**40**
SDA	Po (Y)	42.0519	19.4986	80	3C-SP	SM-4	GBV-316	Dial-up	**0.2**
LACI	Po (Y)	41.6363	19.7094	40	3C-SP	SM-4	GBV-316	Dial-up	**0.2**
TPE	Po (Y)	40.2952	20.0109	240	3C-SP	SM-4	GBV-316	Dial-up	**0.2**
LSK	Po (Y)	40.1500	20.6000	920	3C-BB	CMG-40T	Libra VSAT	RT satellite	**40**
KBN	Po (Y)	40.6236	20.7874	800	3C-BB	Trillium 40T	Libra VSAT	RT satellite	**40**
VLO	Po (Y)	40.4686	19.4955	80	3C-BB	Trillium 40T	Libra VSAT	RT satellite	**40**
SRN	Po (Y)	39.8800	20.0005	20	3C-BB	Trillium 40T	Libra VSAT.	RT satellite	**40**
PUK	Po (Y)	42.0426	19.8926	900	3C-BB	Trillium 40T	Libra VSAT	RT satellite	**40**
KKS	Po (Y)	42.0756	20.4113	300	3C-SP	SM-4	GBV-316	Dial-up	**0.2**

Rrjeti Sizmologjik Virtual (Virtual Seismological Network)

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

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

C. Rrjeti Sizmologjik Ndihmës (Auxilliary Network Stations)

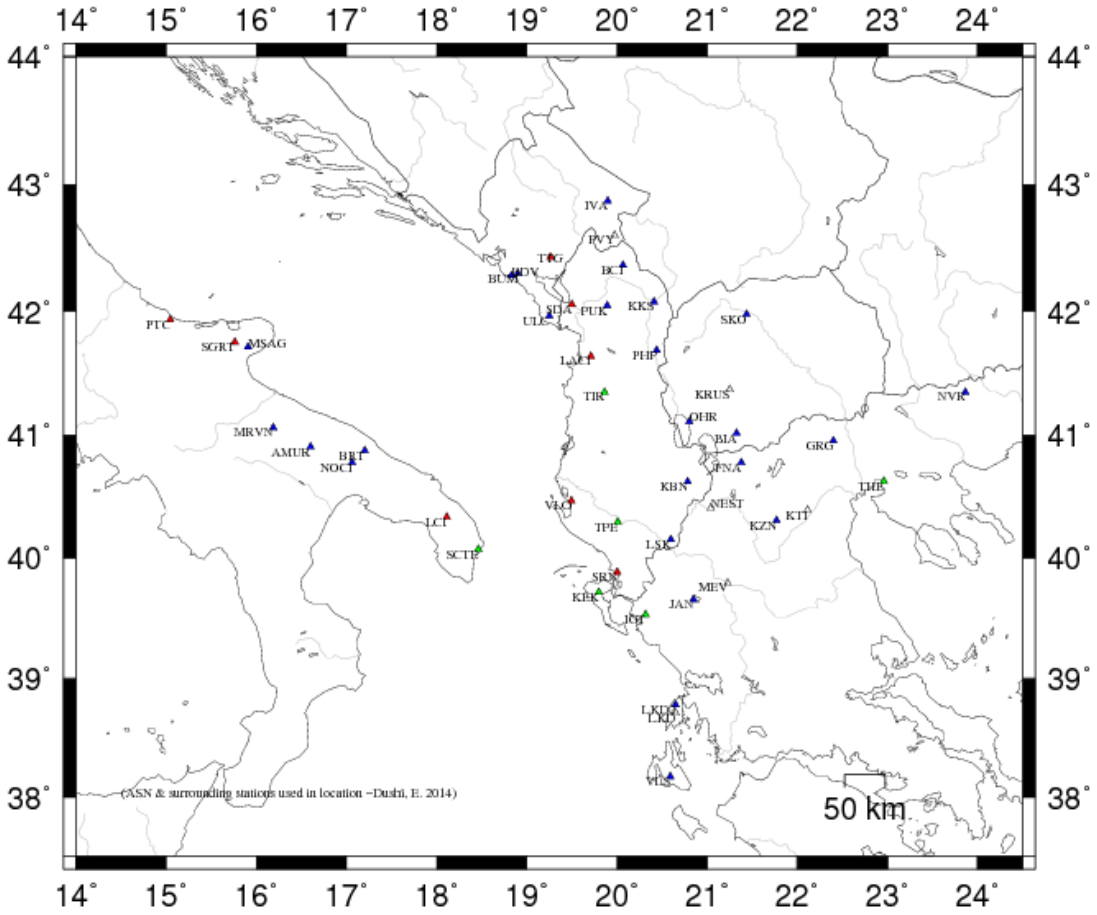
Tab. 3 – Rrjeti Sizmologjik Ndihmës (MSO, SKO, AUTH, NAO, INGV)

Kodi	**Regjistruar (Po/Jo)**	**Gjer. Gjeo.**	**Gjat. Gjeo.**	**Lartesia**	**Tipi i stacionit**	**Sensori**	**Terheqja e Informacionit**	**Komunikimi**	**T_0**
Station Code	**Registered (WDC)**	**Latitude (degree)**	**Longitude (degree)**	**Elev. (m)**	**Station type**	**Sensor type**	**Acquisition system**	**Comunication**	**Nat.l Period (s)**
MEV	Po (Y)	39.7850	21.2290	1500	3C-SP	S-13	Trident	RT	**1.0**
KTI	Po (Y)	40.39289	22.11650	1329	#	#	#	#	#
GRG	Po (Y)	40.9558	22.4029	600	3C-BB	CMG-3EPS/100	Trident	RT	**40**
LKD	Po (Y)	38.70722	20.65056	1140	#	#	#	#	#
ULC	Po (Y)	41.9633	19.2497	465	3C-SP	S-13	Smart-24D	RT	**1.0**
TTG	Po (Y)	42.43020	19.25530	97	#	#	#	#	#
PVY	Po (Y)	42.5950	19.9735	1250	3C-SP	S-13	Smart-24D	RT	**1.0**
BUM	Po (Y)	42.3008	18.8986	724	3C-SP	S-13	Smart-24D	RT	**1.0**
BDV	Po (Y)	42.28340	18.82790	385	#	#	#	#	#
IVA	Po (Y)	42.87180	19.89310	996	#	#	#	#	#
KEK	Po (Y)	39.7127	19.7962	227	3C-BB	STS-2	DR24-SC	RT	**120**
JAN	Po (Y)	39.6561	20.8487	526	3C-BB	CMG-3ESPC/60	DR24-SC	RT	**40**
KZN	Po (Y)	40.3033	21.7820	791	3C-BB	STS-2	DR24-SC	RT	**120**
VLS	Po (Y)	38.1768	20.5886	402	3C-BB	Trillium 120	DR24-SC	RT	**120**
NVR	Po (Y)	41.3484	23.8651	627	3C-BB	CMG-3ESPC/60	DR24-SC	RT	**40**

Kodi	**Regjistruar (Po/Jo)**	**Gjer. Gjeo.**	**Gjat. Gjeo.**	**Lartesia**	**Tipi i stacionit**	**Sensori**	**Terheqja e Informacionit**	**Komunikimi**	**T_0**
Station Code	**Registered (WDC)**	**Latitude (degree)**	**Longitude (degree)**	**Elev. (m)**	**Station type**	**Sensor type**	**Acquisition system**	**Comunication**	**Nat.l Period (s)**
BRT	Po (Y)	40.8778	17.2036	333	#	#	#	#	#
AMUR	Po (Y)	40.9071	16.6041	443	3C-BB	Trillium 40T	Libra VSAT	RT satellite	**40**
MSAG	Po (Y)	41.712	15.9096	890	3C-BB	Trillium 40T	Libra VSAT	RT satellite	**40/120**
PTC	Po (Y)	41.7546	15.7437	960	3C-BB	Trillium 40T	Libra VSAT	RT satellite	**40**
LCI	Po (Y)	40.33461	18.11197	46	#	#	#	#	#
OHR	Po (Y)	41.1114	20.7989	739	#	#	#	#	#
BIA	Po (Y)	41.0194	21.3239	720	#	#	#	#	#
KRUS	Po (Y)	41.3689	21.2488	1015	#	#	#	#	#
SKO	Po (Y)	41.9721	21.4396	346	#	#	#	#	#

Shënim:

Rrjeti plotësues (ndihmës) konsiston në stacionet sizmologjike të rajonit, të cilat janë pjesë e Rrjetit Sizmologjik Malazezë (MSO), atij Maqedonas (SKO), të Selanikut (AUTH), Athinës (NAO) dhe Institutit Kombëtar të Gjeofizikës dhe Vullkanologjisë në Romë (INGV), dhe përdoren për përfshirjen manuale të leximeve të fazave sizmike në procesin e lokalizimit. (#) – është përdorur në rastin kur nuk njihet instrumentimi i stacioneve.



-Fig. 1-

Harta e shpërndarjes së stacioneve të rrjetit sizmologjik Shqipëtar (ASN), Universitetit 'Aristotel' të Selanikut (THE), Observatorit Kombëtar të Athinës (ATH), INGV, rrjetit sizmologjik Malazez (PDG) dhe atij Maqedonas (SKO).
[Seismological station distribution map for ASN, THE, ATH, INGV, PDG & SKO]

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

I. <u>Informacioni gjithpërfshirës i kreut të ngjarjes (EVENT HEADER INFORMATION)</u>

YEAR MO DA Data (viti, muaji, data) [*Date*]
ORIGIN Koha (ora, minuta, sekonda) [*Origine Time*]
LAT N Gjerësia gjeografike (gradë, minuta) [*latitude in degree and minute*]

LON W Gjatësia gjeografike (gradë, minuta) [*longitude in degree and minutes*]

DEPTH Thellësia vatrore (*km*) [*hypocenter depth in km*]

RMS Shmangia kuadratike mesatare për diferencat e peshuara të kohë-udhëtimin, për Fazat Sizmike, [*root mean squarre for the weighted travel time residuals*]

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

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

XMAG Magnituda primare bazuar në amplitudë [*Primary weighted median amplitude magnitude*].

FMAG Magnituda primare bazuar në zgjatshmërinë e sinjalit [*Primary weighted median coda magnitude*].

PMAG Magnituda e përzgjedhur si përfaqësuese, për ngjarjen e lokalizuar [*preferred magnitude selected by PRE command, as representative of available magnitudes ML and Md*].

NSTA Numuri i stacioneve të përdorur në lokalizim [*the number of stations read for this event*].

NPHS Numuri i fazave të përdorura [*Number of used phases in location*].

DMIN Distanca hypoqender-stacioni më i afërt [*distance to the nearest station*].

MODEL Modeli shpejtësior i përdorur [*velocity crustal model code*].

GAP Shmangia maksimale, këndore, ndërmjet stacioneve të përdorur [*the largest azimuthal gap between azimuthally adjacent stations*].

ITR Numri i iteracioneve për zgjidhje [*number of iterations required for the solution*].

NFM Numri i hyrjeve të para P [*number of P first motions reported*].

NWR Numri i fazave P & S me peshë satistikore > 0.1 [*number of P & S readings with weights > 0.1*].

NWS Numri i fazave S me peshë statistikore > 0.1 [*number of S-phases with weights > 0.1*].

NVR Numri i fazave P & S, të vlefshme për lokalizim [*number of P & S phases valid for location, assigned weights > 0*].

REMARKS Kodi (3 karaktere) i rajonit (region code), bazuar në lokalizim dhe thellësinë e vlerësuar; kodi (1 karakter) për të karakterizuar ngjarjen: F – e ndjerë (felt), Q/ B – shpërthime sipërfaqësore në karriera (quarry blasts), R/N – shpërthime në thellësi (explosions), T – vibrime (tremors) dhe L – kontraktimet me period të gjatë (long period tidal waves); # - problem me konvergjimin e zgjidhjes së përftuar në mënyrë iterative [*convergence problems*], ose zgjidhje e pa pranueshme me RMS të lartë; (-) – tregon se thellësia është fiksuar [*fixed depth solution*]; X – lokalizimi i fiksuar për të rritur performancën në llogaritjen e thellësisë [*fixed location solution*].

AVH Shënime për statusin [*status remarks*].

N.XMG Numri i magnitudave bazuar në amplitudë [*number of primary amplitude based magnitudes*].

X.MMAD Gabimi i bërë në vlerësimin e ML [*weighted median absolute difference for the primary amplitude magnitudes*].

T Kodi i identifikimit për magnitudën XMAG1 [*label code for XMAG1*].

N.FMAG Numri i magnitudave, bazuar në zgjatshmërinë e sinjalit [*number of primary coda magnitudes*].

FMMAD Gabimi i bërë në vlerësimin e Md [*weighted median absolute difference for the primary coda magnitudes*].

T Kodi i identifikimit për magnitudën FMAG1 [*label code for FMAG1*].

Shënim: parametrat XMAG2 dhe FMAG2, së bashku me parametrat e tjerë suksesiv të indeksuar me ####2, paraqesin informacionin për magnitudat dytësore [*secondary magnitude information parameters*].

II. Informacioni parametrik i ngjarjes (EVENT PARAMETRIC DATA)

STA Kodi i stacionit me 5-karaktere (station code, max 5 characters). (*) –tregon se për këtë stacion është përdorur një model alternative shpejtësie [*alternative crustal velocity model used for that station*].

NET Kodi i rrjetit [*the network code*].

COM komponentja e përdorur [*3 –letters component code*]

C shkurtimi i kodit të rrjetit (1 karakter) [*abbreviation for the station code*]

R Shënimi për statcionin [station remark]

DIST Distanca epiqendrore [*epicentral distance*]

AZM Azimuti stacion-hypoqendër [*station azimuth in degree*]

AN Këndi i daljes së rezeve valore në sferën vatrore [*emergence angle at the hypocenter*]

P/S Kodi i fazave të përcaktuara nga leximi në formën valore [*phase code*]

WT Pesha e vlerësimin të fazave [*weighted code*].

SEC Koha e vrojtuar për hyrjet valore [*observed arrival time*]

TOBS Koha e vrojtuar e udhëtimit vatër-stacion për fazën sizmike [*observed travel time*]

TCAL Koha e llogaritur nga modeli i shpejtësisë për udhëtimin vatër-stacion, të fazës sizmike [*calculated travel time*].

DLY Vonesa në kohë, karakteristikë për stacionin [*station delay*].

RES Diferenca në kohë-përhapjen, model-vrojtim. [*Travel time residuals*].

WT Pesha e normalizuar, përfshirë këtu edhe peshën e caktuar dhënë më sipër [*normalized weight*].

SR Kodi i burimit (1 karakter), që zakonisht i referohet rrjetit [*1 letter source code*]

R Shënime lidhur me formën valore (sizmogramën), mbartur nga të dhënat fazore [*Seismogram remark*].

INFO Informacioni për rëndësinë e kontributit të stacionit apo fazës në zgjidhjen e përgjithshme [*the information of the importance of contribution*].

CAL Faktori korrigjues që përdoret në llogaritjen e magnitudës [*calibration factor for magnitude calculation*].

DUR Zgjatshmëria e fazëz koda (s) [*coda duration i sec*]

W Kodi i peshimit 0-4 për magnitudën bazuar në zgjatshmërinë e sinjalit, Md, [*duration magnitude weight code*].

FMAG Magnituda Md, për stacionin [*duration magnitude for that station*].

T Kodi për llojin e magnitudës [*the magnitude type code assigned by FC1 & FC2 commands*].

AMP amplituda maksimale (pik-pik) [*peak to peak maximum amplitude*]

U Kodi për njësinë e përdorur për amplitudën M – mm, C – counts, etj. [*amplitude units code*]

PER Perioda (s), ku është matur A_{max}, [*max amplitude corresponding period in sec.*].

W Kodi i peshimit 0-9, për magnitudën, bazuar ne amplitude, [*amplitude based magnitude weight code*].

XMAG Magnituda bazuar në amplitude, për stacionin, [*amplitude magnitude for that station*].

T Kodi për llojin e magnitudës [*the magnitude type code assigned by XC1 & XC2 commands*].

<u>Tërmetet Lokalë</u> (*Parametric Data for Albanian local Events*)

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-	01-	04	0708 35.05	40 38.98	19E23.34	28.22	0.30	0.59	1.02	2.54	2.79	2.6

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS-AVH	N.XMG	XMMAD-T		N.FMG	FMMAD-T		SOURCE L	F	X
22	30	22.0	Atl	95	11	0	18	8	20		7.00	0.16	L	2.00	0.07	D			

REGION= Novosel, Rajoni Vlorë (Novosel, Vlorë 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		22.0	155	139	P		39.24	4.19	6.28	0.00	-0.49	0.00		0.000	1.00	23		2.72	D					
VLO	AC	HHN		22.0	155	139	S		46.06	11.01	10.99	0.00	0.02	1.11S		0.601										
VLO	AC	HHE		22.0	155	139		6	0.00	-35.05	6.28	0.00		0.00		0.000	1.00					5.4	.21		2.83	L
TIR	AC	HHZ		87.2	27	100	P		51.70	16.65	15.62	0.00	0.33	0.08		0.001	1.00	23		2.85	D					
TIR	AC	HHN		87.2	27	100		6	60.00	24.95	15.62	0.00		0.00		0.000	1.00					0.58	.56		2.40	L
							S		62.79	27.74	27.33	0.00	0.40	1.11S		0.519										
SRN	AC	HHZ		100.1	148	98	P		52.74	17.69	17.64	0.00	0.05	1.11		0.107										
SRN	AC	HHE		100.1	148	98		6	60.00	24.95	17.64	0.00		0.00		0.000	1.00					0.35	.31		2.28	L
							S		65.84	30.79	30.87	0.00	-0.08	1.11S		0.253										
SCTE	AC	HHZ		100.7	232	98	P		52.79	17.74	17.74	0.00	0.00	1.11		0.193										
SCTE	AC	HHN		100.7	232	98		6	60.00	24.95	17.74	0.00		0.00		0.000	1.00					0.32	.25		2.24	L
							S		65.63	30.58	31.05	0.00	-0.47	1.09S		0.346										
LSK	AC	HHZ		116.7	117	76	P		55.89	20.84	20.27	0.00	0.37	0.98		0.068										
LSK	AC	HHN		116.7	117	76		6	60.00	24.95	20.27	0.00		0.00		0.000	1.00					0.69	.83		2.69	L
							S		70.64	35.59	35.47	0.00	0.12	1.11S		0.233										
KBN	AC	HHZ		118.3	90	76	P		55.11	20.06	20.52	0.00	-0.46	1.09		0.075										
KBN	AC	HHE		118.3	90	76	S		70.81	35.76	35.91	0.00	-0.15	1.11S		0.179										
PHP	AC	HHZ		144.9	37	76	P		59.30	24.25	24.64	0.00	-0.39	1.11		0.141										
PHP	AC	HHN		144.9	37	76		6	60.00	24.95	24.64	0.00		0.00		0.000	1.00					0.32	.31		2.54	L
							S		78.04	42.99	43.12	0.00	-0.13	1.11S		0.270										
IGT	AC	HHZ		147.8	146	76	P		60.62	25.57	25.09	0.00	0.48	1.08		0.111										
FNA	AC	HHZ		169.2	84	62	P		63.22	28.17	28.24	0.00	-0.07	1.11		0.094										
FNA	AC	HHE		169.2	84	62	S		84.34	49.29	49.42	0.00	-0.13	1.11S		0.232										
NOCI	AC	HHZ		197.0	276	56	P		67.60	32.55	32.11	0.00	0.44	1.10		0.278										
BCI	AC	HHZ		198.9	16	56	P		66.48	31.43	32.36	0.00	-0.93*	0.22		0.006										

```
BCI  AC HHN   198.9  16  56     6  60.00 24.95 32.36 0.00        0.00     0.000 1.00            0.22 .50   2.70 L
MRVN AC HHZ   273.2 281  56  P     77.23 42.18 42.18 0.00  0.00  1.11     0.282
```

```
YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-09  0502  2.81  40 18.55   19E22.24   8.19  0.27  0.50  1.34  1.71  2.76  1.7
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  18   27  20.6  Atl  122  17   0  17   8  18             5.00  0.23 L    2.00  0.21 D
REGION= Deti Jon (Ionian Sea)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
VLO  AC HHZ    20.6  30 105  P      6.25  3.44  4.25 0.00 -0.21  0.32     0.019 1.00  25   2.55 D
VLO  AC HHN    20.6  30 105     6   0.00 -2.81  4.25 0.00        0.00     0.000 1.00            128 .18   3.99 L
                            S      9.93  7.12  7.44 0.00 -0.32  1.12S    0.586
SRN  AC HHZ    71.8 131  92  P     15.56 12.75 12.98 0.00 -0.23  1.12     0.137 1.00  35   2.96 D
SRN  AC HHN    71.8 131  92     6   0.00 -2.81 12.98 0.00        0.00     0.000 1.00            1.1 .50   2.52 L
                            S     25.72 22.91 22.72 0.00  0.19  1.12S    0.290
SCTE AC HHZ    81.0 252  92  P     17.37 14.56 14.56 0.00  0.00  1.12     0.305
SCTE AC HHE    81.0 252  92  S     28.38 25.57 25.48 0.00  0.09  1.12S    0.585
LSK  AC HHZ   106.0  99  91  P     21.46 18.65 18.86 0.00 -0.21  1.12     0.114
LSK  AC HHN   106.0  99  91     6   0.00 -2.81 18.86 0.00        0.00     0.000 1.00            1.5 .83   2.94 L
                            S     36.73 33.92 33.00 0.00  0.42  0.13S    0.003
IGT  AC HHZ   119.1 136  91  P     23.88 21.07 21.11 0.00 -0.04  1.12     0.139
IGT  AC HHN   119.1 136  91  S     39.70 36.89 36.94 0.00 -0.05  1.12S    0.290
TIR  AC HHZ   122.6  19  91  P     25.13 22.32 21.72 0.00  0.60* 0.86     0.091
TIR  AC HHN   122.6  19  91     6   0.00 -2.81 21.72 0.00        0.00     0.000 1.00            0.36 .51   2.42 L
                            S     41.27 38.46 38.01 0.00  0.45  1.09S    0.296
KBN  AC HHZ   125.1  73  68  P     25.31 22.50 22.15 0.00  0.35  1.12     0.115
KBN  AC HHN   125.1  73  68  S     41.86 39.05 38.76 0.00  0.29  1.12S    0.314
PHP  AC HHZ   177.3  30  68  P     33.14 30.33 30.47 0.00 -0.14  1.12     0.127
PHP  AC HHN   177.3  30  68     6   0.00 -2.81 30.47 0.00        0.00     0.000 1.00            0.31 .36   2.71 L
                            S     55.87 53.06 53.32 0.00 -0.26  1.12S    0.303
BCI  AC HHZ   235.8  14  50  P     41.83 39.02 39.18 0.00 -0.16  1.12     0.276
BCI  AC HHE   235.8  14  50  S     69.58 66.77 68.57 0.00 -0.79* 0.00S    0.000
```

```
YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-15  0100 32.66  40 31.18   19E31.94  24.02  0.35  0.71  0.47        3.12
                                                                          SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  18   27  22.5  Atl  125  16   0  16   8  18             0.00  0.00 L    6.00  0.18 D
REGION= Deti Jon (Ionian Sea)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
VLO  AC HHZ    22.5  42 133  P     37.00  4.34  5.89 0.00 -0.55* 0.00     0.000 1.00  15   2.31 D
VLO  AC HHE    22.5  42 133  S     42.42  9.76 10.31 0.00 -0.55* 0.99S    0.742
SRN  AC HHZ    76.1 129  98  P     46.09 13.43 13.77 0.00 -0.34  1.02     0.119 1.00  20   2.67 D
SRN  AC HHN    76.1 129  98  S     56.81 24.15 24.10 0.00  0.05  1.02S    0.253
SCTE AC HHN    77.0 250  98  S     57.38 24.72 24.34 0.00  0.38  1.02S    0.570
SCTE AC HHZ    77.0 250  98  P     46.44 13.78 13.91 0.00 -0.13  1.02     0.300
LSK  AC HHZ   110.8  99  90  P     51.25 18.59 19.24 0.00 -0.65* 0.89     0.065 1.00  47   3.43 D
LSK  AC HHE   110.8  99  90  S     66.95 34.29 33.67 0.00  0.62* 0.92S    0.160
IGT  AC HHZ   123.2 134  90  P     53.90 21.24 21.21 0.00  0.03  1.02     0.131
IGT  AC HHE   123.2 134  90  S     69.66 37.00 37.12 0.00 -0.12  1.02S    0.276
TIR  AC HHZ   123.2  21  90  P     53.91 21.25 21.22 0.00  0.03  1.02     0.129 1.00  31   3.09 D
TIR  AC HHN   123.2  21  90  S     70.00 37.34 37.13 0.00  0.21  1.02S    0.272
KBN  AC HHZ   129.3  74  90  P     54.89 22.23 22.19 0.00  0.04  1.02     0.077 1.00  34   3.17 D
KBN  AC HHN   129.3  74  90  S     72.08 39.42 38.83 0.00  0.59* 0.96S    0.157
PHP  AC HHZ   178.7  31  62  P     62.17 29.51 29.87 0.00 -0.36  1.02     0.162 1.00  31   3.14 D
PHP  AC HHN   178.7  31  62  S     84.65 51.99 52.27 0.00 -0.28  1.02S    0.365
BCI  AC HHZ   235.9  15  56  P     70.59 37.93 37.59 0.00  0.34  1.02     0.214
BCI  AC HHE   235.9  15  56  S     95.38 62.72 65.78 0.00 -0.06* 0.00S    0.000



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-12  0257  3.02  40 17.38   19E21.81  10.03  0.14  1.65  1.48  2.61  2.39  2.4
                                                                          SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  11   15  22.8  Atl  244   9   0   9   4  11      #      2.00  0.58 L    2.00  0.04 D
REGION= Deti Jon (Ionian Sea)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
VLO  AC HHZ    22.8  29  61  P      7.10  4.08  4.83 0.00 -0.45  0.00     0.000 1.00  21   2.42 D
```

```
VLO  AC HHN    22.8  29  61     6   0.00 -3.02  4.83 0.00        0.00     0.000 1.00               21 .15   3.19 L
                                S     11.42  8.40  8.45 0.00 -0.05  1.11S    0.662
SRN  AC HHZ    70.9 129  51  P      16.59 13.57 13.43 0.00  0.14  1.11     0.231 1.00  17   2.35 D
SRN  AC HHN    70.9 129  51     6   0.00 -3.02 13.43 0.00        0.00     0.000 1.00             0.37 .41   2.03 L
                                S     26.44 23.42 23.50 0.00 -0.08  1.11S    0.492
LSK  AC HHZ   106.3  98  51  P      22.33 19.31 19.52 0.00 -0.21  1.11     0.407
IGT  AC HHZ   118.0 135  51  P      24.47 21.45 21.52 0.00 -0.07  1.11     0.253
IGT  AC HHE   118.0 135  51  S      40.63 37.61 37.66 0.00 -0.05  1.11S    0.444
KBN  AC HHZ   126.3  72  51  P      26.47 23.45 22.96 0.00  0.49  0.10     0.003
PHP  AC HHZ   179.5  29  46  P      34.51 31.49 31.76 0.00 -0.27  1.00     0.316
PHP  AC HHN   179.5  29  46  S      58.77 55.75 55.58 0.00  0.17  1.11S    0.741
LKD2 AC HHZ   200.4 145  46  P      38.21 35.19 35.09 0.00  0.10  1.11     0.446



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-15  0100 32.66  40 19.19   19E18.94  25.03  0.35  0.69  1.46  2.72  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
  19   28  22.5  Atl  125  19   0  16   8  18             6.00  0.16 L    3.00  0.06 D
REGION= Deti Jon (Ionian Sea)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
VLO  AC HHZ    22.5  42 133  P      37.00  4.34  5.90 0.00 -0.46  0.00     0.000 1.00  31   2.93 D
VLO  AC HHE    22.5  42 133     6   0.00-32.66  5.90 0.00        0.00     0.000 1.00              64 .18   3.87 L
                                S     42.42  9.76 10.32 0.00 -0.57* 0.97S    0.682
SRN  AC HHZ    76.1 129  98  P      46.09 13.43 13.77 0.00 -0.34  1.02     0.118 1.00  33   3.10 D
SRN  AC HHN    76.1 129  98     6   0.00-32.66 13.77 0.00        0.00     0.000 1.00            1.0 .50   2.54 L
                                S     56.81 24.15 24.10 0.00  0.05  1.02S    0.248
SCTE AC HHN    77.0 250  98  S      57.38 24.72 24.34 0.00  0.38  1.02S    0.570
SCTE AC HHZ    77.0 250  98  P      46.44 13.78 13.91 0.00 -0.13  1.02     0.300
LSK  AC HHZ   110.8  99  94  P      51.25 18.59 19.27 0.00 -0.38  0.84     0.058
LSK  AC HHE   110.8  99  94     6  60.00 27.34 19.27 0.00        0.00     0.000 1.00            1.1 .68   2.86 L
                                S     66.95 34.29 33.72 0.00  0.47  0.97S    0.172
TIR  AC HHZ   123.2  21  93  P      53.91 21.25 21.24 0.00  0.01  1.02     0.132 1.00  34   3.16 D
TIR  AC HHN   123.2  21  93     6  60.00 27.34 21.24 0.00        0.00     0.000 1.00            0.35 .43   2.43 L
                                S     70.00 37.34 37.17 0.00  0.17  1.02S    0.285
IGT  AC HHZ   123.2 134  93  P      53.90 21.24 21.24 0.00  0.00  1.02     0.130
IGT  AC HHE   123.2 134  93  S      69.66 37.00 37.17 0.00 -0.17  1.02S    0.269
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KBN  AC HHZ   129.3  74  93  P     54.89 22.23 22.21 0.00  0.02  1.02     0.077
KBN  AC HHN   129.3  74  93  S     72.08 39.42 38.87 0.00  0.55* 0.98S    0.164
KBN  AC HHE   129.3  74  93     6  60.00 27.34 22.21 0.00        0.00     0.000 1.00             0.63 .93   2.73 L
PHP  AC HHZ   178.7  31  62  P     62.17 29.51 29.87 0.00 -0.36  1.02     0.174
PHP  AC HHN   178.7  31  62     6  60.00 27.34 29.87 0.00        0.00     0.000 1.00             0.29 .37   2.70 L
                           S     84.65 51.99 52.27 0.00 -0.28  1.02S    0.390
BCI  AC HHZ   235.9  15  56  P     70.59 37.93 37.59 0.00  0.34  1.02     0.226
BCI  AC HHE   235.9  15  56  S     95.38 62.72 65.78 0.00 -0.66* 0.00S    0.000
```

```
YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-15  0958 29.95  40 13.72   20E41.82  2.00  0.22  1.10  0.881  2.44  2.52  2.5
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  12   17  12.1  Atl  160   7   0   9   4  11      -       3.00  0.12 L    3.00  0.03 D
REGION=Gërmenjë, 12 Km V-L të Leskovikut, Rajoni Leskovikut (Gërmenjë,12 Km N-E of Leskoviku, Leskoviku 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
LSK  AC HHZ    12.1 224  90  P     33.13  3.18  3.50 0.00 -0.22  1.00     0.160 1.00  22   2.52 D
LSK  AC HHE    12.1 224  90  S     35.09  5.14  6.13 0.00 -0.48  0.00S    0.000
LSK  AC HHN    12.1 224  90     6   0.00-29.95  3.50 0.00        0.00     0.000 1.00              59 .20   3.71 L
KBN  AC HHZ    44.5   9  90  P     38.63  8.68  8.67 0.00  0.01  1.00     0.219 1.00  18   2.49 D
KBN  AC HHN    44.5   9  90     6   0.00-29.95  8.67 0.00        0.00     0.000 1.00            1.5 .40   2.32 L
                           S     45.01 15.06 15.17 0.00 -0.11  1.00S    0.513
SRN  AC HHZ    70.9 238  90  P     43.10 13.15 12.88 0.00  0.27  1.00     0.197 1.00  25   2.80 D
SRN  AC HHE    70.9 238  90     6   0.00-29.95 12.88 0.00        0.00     1.000 1.00             0.90 .50   2.44 L
                           S     52.55 22.60 22.54 0.00  0.06  1.00S    0.476
IGT  AC HHZ    83.5 203  90  P     45.19 15.24 14.89 0.00  0.35  0.99     0.239
IGT  AC HHE    83.5 203  90  S     55.79 25.84 26.06 0.00 -0.22  1.00S    0.445
FNA  AC HHZ    84.6  43  90  P     44.81 14.86 15.06 0.00 -0.20  1.00     0.268
FNA  AC HHE    84.6  43  90  S     56.50 26.55 26.35 0.00  0.20  1.00S    0.479
LKD2 AC HHZ   159.9 182  90  P     58.28 28.33 27.07 0.00  1.26* 0.00     0.000
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YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-15  2021 18.66  40 18.86   19E17.37  12.27  0.14  0.59  1.46  2.97  2.28  2.3
                                                                              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
   9   13  24.5  Atl  122   9   0   7   4   8             1.00  0.00 L    2.00  0.11 D
REGION= Deti Adriatik (Adriatic Sea)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
VLO  AC HHZ    24.5  45 110  P     22.38  3.72  5.05 0.00 -0.33  0.00     0.000 1.00  15   2.17 D
VLO  AC HHE    24.5  45 110  S     27.49  8.83  8.84 0.00 -0.01  1.06S    0.987
VLO  AC HHN    24.5  45 110     6   0.00-18.66  5.05 0.00        0.00     0.000 1.00              11 .18   2.97 L
SCTE AC HHZ    74.7 250  95  P     32.39 13.73 13.51 0.00  0.22  0.94     0.243
SCTE AC HHN    74.7 250  95  S     42.21 23.55 23.64 0.00 -0.09  1.06S    0.773
SRN  AC HHZ    77.5 128  95  P     32.53 13.87 13.99 0.00 -0.12  1.06     0.336 1.00  17   2.38 D
SRN  AC HHN    77.5 128  95  S     43.23 24.57 24.48 0.00  0.09  1.06S    0.668
NOCI AC HHZ   195.7 287  68  P     51.60 32.94 33.21 0.00 -0.27  0.75     0.198
NOCI AC HHN   195.7 287  68  S     76.88 58.22 58.12 0.00  0.10  1.06S    0.792



****
YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-15  2039  9.14  40 18.20   19E22.32  26.19  0.23  0.45  1.08  3.48  3.52  3.5
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  24   34  48.9  Atl  118  10   0  21   9  23             7.00  0.19 L    3.00  0.18 D
REGION= Deti Adriatik (Adriatic Sea) , (10 Km W of Orikum, Vlora Region, Albania) (Ndjere ne Vlore)

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    21.1  29 137  P     12.57  3.43  5.87 0.00 -0.44  0.00     0.000 1.00  50   3.34 D
VLO  AC HHE    21.1  29 137     6   0.00 -9.14  5.87 0.00        0.00     0.000 1.00             353 .23   4.62 L
                             S     18.24  9.10 10.27 0.00 -0.17  0.00S    0.000
FIER AC HHZ    48.9  19 110  P     18.90  9.76  9.60 0.00  0.16  1.06     0.240
TPE  AC HHZ    54.7  90 107  P     19.44 10.30 10.48 0.00 -0.18  1.06     0.108
SRN  AC HHE    71.3 131 101     6   0.00 -9.14 13.04 0.00        0.00     0.000 1.00             4.3 .46   3.13 L
                             S     32.06 22.92 22.82 0.00  0.10  1.06S    0.238
SRN  AC HHZ    71.3 131 101  P     21.72 12.58 13.04 0.00 -0.46  0.94     0.090 1.00  54   3.52 D
SCTE AC HHN    80.9 253  99  S     34.51 25.37 25.46 0.00 -0.09  1.06S    0.462
SCTE AC HHZ    80.9 253  99  P     23.77 14.63 14.55 0.00  0.08  1.06     0.242
LSK  AC HHE   105.8  98  95     6   0.00 -9.14 18.49 0.00        0.00     0.000 1.00             6.1 .41   3.55 L
                             S     41.89 32.75 32.36 0.00  0.39  1.02S    0.155
LSK  AC HHZ   105.8  98  95  P     27.43 18.29 18.49 0.00 -0.20  1.06     0.074
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```
IGT  AC HHZ   118.5 135  94  P     30.10 20.96 20.51 0.00  0.45  0.95     0.099
IGT  AC HHE   118.5 135  94  S     44.93 35.79 35.89 0.00 -0.10  1.06S    0.257
TIR  AC HHN   123.2  19  94  S     46.48 37.34 37.21 0.00  0.13  1.06S    0.362
TIR  AC HHZ   123.2  19  94  P     30.51 21.37 21.26 0.00  0.11  1.06     0.147 1.00  64   3.71 D
TIR  AC HHE   123.2  19  94     6   0.00 -9.14 21.26 0.00        0.00     0.000 1.00              2.2 .56   3.23 L
KBN  AC HHN   125.2  73  94     6   0.00 -9.14 21.58 0.00        0.00     0.000 1.00              3.8 .69   3.48 L
                                 S     46.57 37.43 37.76 0.00 -0.33  1.06S    0.177
KBN  AC HHZ   125.2  73  94  P     30.71 21.57 21.58 0.00 -0.01  1.06     0.073
PHP  AC HHN   177.8  30  62     6  60.00 50.86 29.66 0.00        0.00     0.000 1.00              1.7 .63   3.47 L
                                 S     60.90 51.76 51.90 0.00 -0.15  1.06S    0.275
PHP  AC HHZ   177.8  30  62  P     38.35 29.21 29.66 0.00 -0.45  0.96     0.094
FNA  AC HHZ   178.5  72  62  P     39.02 29.88 29.76 0.00  0.12  1.06     0.120
FNA  AC HHN   178.5  72  62  S     61.37 52.23 52.08 0.00  0.15  1.06S    0.314
NOCI AC HHZ   202.8 287  56  P     42.31 33.17 33.11 0.00  0.06  1.06     0.295
BCI  AC HHE   236.4  14  56     6  60.00 50.86 37.56 0.00        0.00     0.000 1.00              1.3 .54   3.67 L
                                 S     74.10 64.96 65.73 0.00 -0.77* 0.21S    0.015
BCI  AC HHZ   236.4  14  56  P     46.87 37.73 37.56 0.00  0.17  1.06     0.153
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YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-16  0109 53.65  41 48.12   20E16.14  20.00  0.33  1.15  2.05  1.81  2.27  2.3
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
   7   10  19.3  Atl  206  20   0   6   3   6      -       2.00  0.18 L    2.00  0.04 D
REGION= Fushë Lurë, Rajoni Kukësit (Fushë Lurë, Kukësi Region, Albania)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
PHP  AC HHZ    19.3 132  90  P     58.02  4.37  4.65 0.00 -0.28  1.06     0.386 1.00  15   2.23 D
PHP  AC HHN    19.3 132  90     6  60.00  6.35  4.65 0.00        0.00     0.331 1.00             0.98 .10   1.98 L
                                 S     61.24  7.59  8.14 0.00 -0.45  0.70S    0.843
BCI  AC HHZ    64.9 346  90  P     65.18 11.53 11.92 0.00 -0.39  1.04     0.610 1.00  14   2.30 D
BCI  AC HHN    64.9 346  90  S     74.83 21.18 20.86 0.00  0.32  1.06S    0.826
BCI  AC HHE    64.9 346  90     6  60.00  6.35 11.92 0.00        0.00     0.000 1.00             0.17 .18   1.63 L
FNA  AC HHZ   146.8 140  90  P     78.82 25.17 24.98 0.00  0.19  1.06     0.551
FNA  AC HHN   146.8 140  90  S     97.66 44.01 43.72 0.00  0.29  1.06S    0.450
```

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YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-17  0021 54.44  40 19.09   19E21.11   3.00  0.23  0.77  0.99  2.83  2.27  2.8
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
   9   13  20.7  Atl  145   7   0   8   4   9      -       1.00  0.00 L    2.00  0.15 D
REGION= Deti Adriatik (Adriatic Sea) , (11 Km W of Orikum, Vlora Region, Albania)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
VLO  AC HHZ    20.7  36  90  P     57.62  3.18  4.87 0.00 -1.69* 0.00     0.215 1.00  13   2.12 D
VLO  AC HHE    20.7  36  90     6  60.00  5.56  4.87 0.00        0.00     0.626 1.00              6.8 .21   2.83 L
                            S     62.86  8.42  8.52 0.00 -0.10  1.03S    0.885
SRN  AC HHZ    73.7 131  90  P     67.49 13.05 13.32 0.00 -0.27  1.02     0.186 1.00  16   2.42 D
SRN  AC HHE    73.7 131  90  S     77.50 23.06 23.31 0.00 -0.25  1.03S    0.342
SCTE AC HHZ    79.8 251  90  P     69.02 14.58 14.30 0.00  0.28  1.01     0.348
SCTE AC HHN    79.8 251  90  S     79.23 24.79 25.02 0.00 -0.24  1.03S    0.652
LSK  AC HHZ   107.7  99  90  P     73.36 18.92 18.75 0.00  0.17  1.03     0.278
IGT  AC HHZ   120.9 135  90  P     75.67 21.23 20.85 0.00  0.38  0.82     0.106
IGT  AC HHN   120.9 135  90  S     91.03 36.59 36.49 0.00  0.10  1.03S    0.358



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-17  0232 59.68  40 17.11   19E22.42  15.32  0.24  0.55  1.01  2.36  2.75  2.8
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  19   26  22.8  Atl  119   9   0  15   7  16              5.00  0.17 L    3.00  0.05 D
REGION= Deti Adriatik (Adriatic Sea) , (10 Km W of Orikum, Vlora Region, Albania)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
VLO  AC HHE    22.8  26 117     6  60.00  0.32  5.01 0.00        0.00     0.000 1.00              46 .25   3.62 L
                            S     68.33  8.65  8.77 0.00 -0.12  1.08S    0.778
VLO  AC HHZ    22.8  26 117  P     62.89  3.21  5.01 0.00 -0.80* 0.00     0.000 1.00  29   2.75 D
SRN  AC HHN    69.9 129  93  S     81.96 22.28 22.23 0.00  0.05  1.08S    0.380
SRN  AC HHZ    69.9 129  93  P     72.02 12.34 12.70 0.00 -0.36  1.06     0.188 1.00  24   2.70 D
SRN  AC HHE    69.9 129  93     6  60.00  0.32 12.70 0.00        0.00     0.000 1.00            0.73 .20   2.33 L
SCTE AC HHN    80.5 254  92  S     85.39 25.71 25.34 0.00  0.37  1.05S    0.410
SCTE AC HHZ    80.5 254  92  P     74.00 14.32 14.48 0.00 -0.16  1.08     0.244
LSK  AC HHE   105.4  97  71  S     92.26 32.58 32.58 0.00 -0.01  1.08S    0.275
LSK  AC HHZ   105.4  97  71  P     77.61 17.93 18.62 0.00 -0.49  0.30     0.009
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LSK  AC HHN   105.4  97  71     6  60.00  0.32 18.62 0.00        0.00     0.000 1.00              1.1 .77   2.81 L
IGT  AC HHZ   117.0 135  71  P     80.31 20.63 20.48 0.00  0.15  1.08     0.180
TIR  AC HHE   125.1  19  71     6  60.00  0.32 21.76 0.00        0.00     0.000 1.00             0.20 .60   2.19 L
                           S     97.94 38.26 38.08 0.00  0.18  1.08S    0.353
TIR  AC HHZ   125.1  19  71  P     81.99 22.31 21.76 0.00  0.55* 0.68     0.055 1.00  35   3.07 D
KBN  AC HHE   125.7  72  71     6  60.00  0.32 21.86 0.00        0.00     0.000 1.00             0.29 .69   2.36 L
                           S     97.86 38.18 38.25 0.00 -0.07  1.08S    0.248
KBN  AC HHZ   125.7  72  71  P     81.84 22.16 21.86 0.00  0.30  1.08     0.104
PHP  AC HHZ   179.5  29  71  P     89.88 30.20 30.44 0.00 -0.24  1.08     0.131
NOCI AC HHZ   203.5 287  57  P     93.93 34.25 34.17 0.00  0.08  1.08     0.186
NOCI AC HHE   203.5 287  57  S    119.16 59.48 59.80 0.00 -0.32  1.08S    0.451


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-18  0135 53.39  40 57.04   19E55.10  13.00  0.36  0.93  1.86  2.74  2.93  2.9
                                                                                  SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  17   25  44.3  Atl  141  11   0  16   8  17      -       5.00  0.17 L    5.00  0.04 D
REGION= 5km J-L të Belshit, Rajoni Elbasanit (5km S-E of Belshi, Elbasani  Region, Albania)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
TIR  AC HHZ    44.3 355  90  P     61.44  8.05  8.63 0.00 -0.48  1.08     0.167 1.00  27   2.84 D
TIR  AC HHN    44.3 355  90     6  60.00  6.61  8.63 0.00        0.00     0.000 1.00              1.4 .68   2.30 L
                           S     68.68 15.29 15.10 0.00  0.19  1.17S    0.282
VLO  AC HHZ    64.4 214  90  P     64.27 10.88 11.83 0.00 -0.95* 0.25     0.011 1.00  28   2.89 D
VLO  AC HHE    64.4 214  90     6  60.00  6.61 11.83 0.00        0.00     0.000 1.00              4.7 .50   3.07 L
                           S     73.72 20.33 20.70 0.00 -0.37  1.17S    0.513
KBN  AC HHZ    81.8 116  90  P     67.30 13.91 14.62 0.00 -0.41  0.82     0.067 1.00  29   2.93 D
KBN  AC HHN    81.8 116  90     6  60.00  6.61 14.62 0.00        0.00     0.000 1.00              1.3 .47   2.68 L
                           S     78.82 25.43 25.58 0.00 -0.15  1.17S    0.385
PHP  AC HHZ    92.5  28  90  P     68.63 15.24 16.32 0.00 -0.28  0.07     0.000 1.00  30   2.97 D
PHP  AC HHN    92.5  28  90     6  60.00  6.61 16.32 0.00        0.00     0.000 1.00              1.2 .50   2.74 L
                           S     81.77 28.38 28.56 0.00 -0.18  1.17S    0.261
LSK  AC HHZ   106.0 146  90  P     71.58 18.19 18.47 0.00 -0.28  1.17     0.948
LSK  AC HHN   106.0 146  90  S     85.88 32.49 32.32 0.00  0.17  1.17S    0.228
SRN  AC HHZ   119.1 176  90  P     74.38 20.99 20.56 0.00  0.43  1.17     0.187 1.00  29   2.97 D
SRN  AC HHE   119.1 176  90  S     89.66 36.27 35.98 0.00  0.29  1.17S    0.209
FNA  AC HHZ   125.0  98  90  P     75.10 21.71 21.50 0.00  0.21  1.17     0.157
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BCI  AC HHZ   157.8    4  90  P     80.50 27.11 26.73 0.00  0.38  1.17     0.148
BCI  AC HHN   157.8    4  90     6  60.00  6.61 26.73 0.00        0.00     0.000 1.00            0.64 .63   2.91 L
                              S    100.23 46.84 46.78 0.00  0.06  1.17S    0.249
IGT  AC HHZ   161.4  167  90  P     81.20 27.81 27.31 0.00  0.50  1.15     0.107
IGT  AC HHN   161.4  167  90  S    100.44 47.05 47.79 0.00 -0.74* 0.73S    0.074


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-18  0621  7.09  42  1.69   20E14.65   8.72  0.42  1.96  1.84  2.81  2.62  2.6
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  15   22  40.3  Atl  166  12   0  12   5  14             4.00  0.09 L    3.00  0.01 D
REGION= Thirre, Rajoni Pukës (Thirre, Puka  Region, Albania)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
BCI  AC HHZ    40.3 339  95  P     14.30  7.21  7.58 0.00 -0.37  1.01     0.336 1.00  24   2.61 D
BCI  AC HHN    40.3 339  95  S     20.73 13.64 13.26 0.00  0.38  1.01S    0.600
BCI  AC HHE    40.3 339  95     6   0.00 -7.09  7.58 0.00        0.00     0.000 1.00             6.9 .21   2.91 L
PHP  AC HHZ    41.5 156  94  P     14.51  7.42  7.78 0.00 -0.36  1.01     0.255 1.00  24   2.62 D
PHP  AC HHN    41.5 156  94     6   0.00 -7.09  7.78 0.00        0.00     0.000 1.00             4.6 .36   2.74 L
                              S     20.99 13.90 13.61 0.00  0.28  1.01S    0.510
TIR  AC HHZ    81.9 203  92  P     21.29 14.20 14.71 0.00 -0.41  1.01     0.255 1.00  25   2.69 D
TIR  AC HHN    81.9 203  92     6   0.00 -7.09 14.71 0.00        0.00     0.000 1.00            0.93 .37   2.53 L
                              S     33.07 25.98 25.74 0.00  0.24  1.01S    0.708
KBN  AC HHZ   162.5 163  68  P     35.74 28.65 28.13 0.00  0.42  1.00     0.118
KBN  AC HHE   162.5 163  68     6   0.00 -7.09 28.13 0.00        0.00     0.000 1.00            0.55 .66   2.87 L
                              S     54.55 47.46 49.23 0.00 -0.77* 0.00S    0.000
FNA  AC HHN   168.1 145  68  P     35.54 28.45 29.03 0.00 -0.48  0.98     0.224
LSK  AC HHZ   210.7 171  55  P     43.27 36.18 35.83 0.00  0.35  1.01     0.128
LSK  AC HHE   210.7 171  55  S     70.08 62.99 62.70 0.00  0.29  1.01S    0.316
SRN  AC HHZ   239.4 185  50  P     47.14 40.05 39.71 0.00  0.34  1.01     0.154
SRN  AC HHE   239.4 185  50  S     75.95 68.86 69.49 0.00 -0.63* 0.94S    0.390


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-21  1018 39.21  40 21.89   19E18.68  13.90  0.22  0.50  0.90  2.35  2.36  2.4
                                                                                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
  14   20  19.4  Atl  145  15   0  11   6  14             4.00  0.18 L    1.00  0.00 D
REGION= Deti Adriatik (Adriatic Sea) , (14 Km W of Orikum, Vlora Region, Albania)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
VLO  AC HHZ    19.4  53 121  P     42.59  3.38  4.39 0.00 -0.41  0.06     0.000 1.00  19   2.36 D
VLO  AC HHE    19.4  53 121     6   0.00-39.21  4.39 0.00        0.00     0.000 1.00               39 .20   3.51 L
                             S     46.93  7.72  7.68 0.00  0.04  1.30S    0.947
SCTE AC HHZ    78.5 247  78  P     53.53 14.32 14.15 0.00  0.17  1.30     0.327
SCTE AC HHN    78.5 247  78     6  60.00 20.79 14.15 0.00        0.00     0.000 1.00             0.54 .34   2.27 L
                             S     63.75 24.54 24.76 0.00 -0.22  1.30S    0.580
SRN  AC HHZ    79.7 132  78  P     52.48 13.27 14.35 0.00 -0.38  0.01     0.000
SRN  AC HHN    79.7 132  78     6  60.00 20.79 14.35 0.00        0.00     0.000 1.00             0.33 .41   2.07 L
                             S     64.22 25.01 25.11 0.00 -0.10  1.30S    0.437
LSK  AC HHZ   112.1 101  68  P     57.97 18.76 19.77 0.00 -1.01* 0.06     0.000
LSK  AC HHE   112.1 101  68     6  60.00 20.79 19.77 0.00        0.00     0.000 1.00             0.42 .50   2.42 L
                             S     73.87 34.66 34.60 0.00  0.06  1.30S    0.304
IGT  AC HHZ   127.0 136  68  P     61.25 22.04 22.15 0.00 -0.11  1.30     0.171
PHP  AC HHN   174.7  32  68  S     91.44 52.23 52.06 0.00  0.17  1.30S    0.575
PHP  AC HHZ   174.7  32  68  P     68.74 29.53 29.75 0.00 -0.22  1.30     0.230
FNA  AC HHZ   181.5  74  68  P     70.18 30.97 30.84 0.00  0.13  1.30     0.122
FNA  AC HHN   181.5  74  68  S     92.50 53.29 53.97 0.00 -0.68* 0.83S    0.123
LKD2 AC HHZ   209.8 146  55  P     74.76 35.55 35.19 0.00  0.36  1.30     0.178



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-23  2312 55.89  41 23.57   19E55.42  20.00  0.17  0.77  1.87  2.88  2.54  2.6
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  10   15   7.0  Atl  141   9   0   8   3  10      -       2.00  0.45 L    2.00  0.31 D
REGION= Tiranë, Rajoni Tiranës (Tiranë, 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     7.0 225  90  P     58.45  2.56  2.69 0.00 -0.13  1.01     0.505 1.00  16   2.23 D
TIR  AC HHN     7.0 225  90     6   0.00-55.89  2.69 0.00        0.00     1.000 1.00               26 .18   3.32 L
                             S     59.71  3.82  4.71 0.00 -0.39  0.00S    0.000
PHP  AC HHZ    54.0  52  90  P     66.14 10.25 10.18 0.00  0.07  1.01     0.228 1.00  27   2.85 D
PHP  AC HHN    54.0  52  90     6  60.00  4.11 10.18 0.00        0.00     0.000 1.00             1.5 .56   2.43 L
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                             S     73.54 17.65 17.81 0.00 -0.16  1.01S    0.447
BCI  AC HHZ   108.8   6  90  P     74.93 19.04 18.92 0.00  0.12  1.01     0.471
BCI  AC HHN   108.8   6  90  S     89.76 33.87 33.11 0.00  0.46  0.00S    0.000
FNA  AC HHZ   140.2 118  90  P     79.65 23.76 23.93 0.00 -0.17  1.01     0.180
FNA  AC HHN   140.2 118  90  S     97.90 42.01 41.88 0.00  0.13  1.01S    0.536
SRN  AC HHZ   168.1 177  90  P     84.62 28.73 28.38 0.00  0.35  0.92     0.192
SRN  AC HHN   168.1 177  90  S    105.44 49.55 49.66 0.00 -0.12  1.01S    0.438



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-27  2135 48.87  40 43.44   20E44.07   5.33  0.26  0.61  1.07  2.17  2.34  2.3
                                                                                 SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  15   21  12.0  Atl  134   9   0  12   6  14              4.00  0.24 L    3.00  0.18 D
REGION= Maliq, 12Km V të Korcës, Rajoni Korcës (Maliq, 12 Km N of Korca, Korca  Region, Albania)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
KBN  AC HHZ    12.0 158 110  P     51.88  3.01  2.65 0.00  0.36  1.01     0.351 1.00  14   2.02 D
KBN  AC HHN    12.0 158 110     6   0.00-48.87  2.65 0.00        0.00     0.000 1.00                 26 .41   3.12 L
                             S     53.34  4.47  4.64 0.00 -0.17  1.01S    0.575
FNA  AC HHZ    55.2  83  62  P     59.05 10.18 10.17 0.00  0.01  1.01     0.245
FNA  AC HHE    55.2  83  62  S     66.80 17.93 17.80 0.00  0.13  1.01S    0.742
LSK  AC HHZ    64.8 191  62  P     60.21 11.34 11.82 0.00 -0.48  0.92     0.083 1.00  17   2.34 D
LSK  AC HHN    64.8 191  62  S     69.42 20.55 20.68 0.00 -0.14  1.01S    0.280
LSK  AC HHE    64.8 191  62     6  60.00 11.13 11.82 0.00        0.00     0.000 1.00               0.68 .46   2.21 L
PHP  AC HHZ   109.5 348  62  P     68.26 19.39 19.50 0.00 -0.11  1.01     0.341 1.00  20   2.52 D
PHP  AC HHN   109.5 348  62     6  60.00 11.13 19.50 0.00        0.00     0.000 1.00               0.22 .50   2.12 L
                             S     82.98 34.11 34.13 0.00 -0.02  1.01S    0.562
SRN  AC HHZ   112.6 214  62  P     69.30 20.43 20.03 0.00  0.40  1.00     0.142
SRN  AC HHN   112.6 214  62     6  60.00 11.13 20.03 0.00        0.00     0.000 1.00               0.09 .57   1.75 L
                             S     84.17 35.30 35.05 0.00  0.25  1.01S    0.300
IGT  AC HHZ   136.8 195  62  P     72.65 23.78 24.20 0.00 -0.42  0.98     0.099
IGT  AC HHE   136.8 195  62  S     91.31 42.44 42.35 0.00  0.09  1.01S    0.273
BCI  AC HHZ   190.7 344  55  P     83.98 35.11 32.89 0.00  0.22  0.00     0.000
SCTE AC HHZ   205.3 251  55  P     82.63 33.76 35.22 0.00 -1.46* 0.00     0.000
```

```
YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-30  2249 39.40  39 56.48   19E59.48  14.69  0.23  0.54  0.71  3.48  3.57  3.5
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  21   30   6.9  Atl  105  10   0  17   9  19             7.00  0.16 L    3.00  0.03 D
REGION= 6 Km V të Sarandës, Rajoni Sarandës (6 Km N of Saranda, Saranda  Region, Albania)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
SRN  AC HHZ     6.9 173 152  P     42.69  3.29  2.98 0.00  0.31  1.02     0.259 1.00  24   2.51 D
SRN  AC HHE     6.9 173 152  S     44.46  5.06  5.22 0.00 -0.15  1.03S    0.568
SRN  AC HHN     6.9 173 152     6   0.00-39.40  2.98 0.00        0.00     0.000 1.00              177 .36   4.05 L
IGT  AC HHZ    54.0 147  94  P     49.19  9.79 10.03 0.00 -0.24  1.03     0.138
IGT  AC HHE    54.0 147  94  S     57.03 17.63 17.55 0.00  0.08  1.03S    0.294
LSK  AC HHZ    56.8  65  93  P     49.64 10.24 10.50 0.00 -0.26  1.03     0.092 1.00  71   3.60 D
LSK  AC HHE    56.8  65  93     6   0.00-39.40 10.50 0.00        0.00     0.000 1.00               13 .40   3.40 L
                           S     57.50 18.10 18.38 0.00 -0.27  1.03S    0.235
KBN  AC HHZ   101.6  41  90  P     57.49 18.09 18.02 0.00  0.07  1.03     0.093
KBN  AC HHN   101.6  41  90     6  60.00 20.60 18.02 0.00        0.00     0.000 1.00              5.8 .43   3.48 L
                           S     70.83 31.43 31.53 0.00 -0.10  1.03S    0.210
SCTE AC HHZ   130.9 278  71  P     63.40 24.00 22.73 0.00  1.27* 0.00     0.000
SCTE AC HHN   130.9 278  71     6  60.00 20.60 22.73 0.00        0.00     0.000 1.00              2.5 .37   3.32 L
                           S     79.07 39.67 39.78 0.00 -0.11  1.03S    0.618
LKD2 AC HHZ   140.2 155  71  P     64.05 24.65 24.22 0.00  0.43  0.84     0.127
LKD2 AC HHE   140.2 155  71  S     81.65 42.25 42.38 0.00 -0.13  1.03S    0.449
FNA  AC HHZ   150.6  51  71  P     65.45 26.05 25.88 0.00  0.17  1.03     0.081
FNA  AC HHE   150.6  51  71  S     85.01 45.61 45.29 0.00  0.32  1.01S    0.193
TIR  AC HHZ   156.5 357  71  P     68.31 28.91 26.81 0.00  2.10* 0.00     0.000 1.00  61   3.57 D
TIR  AC HHE   156.5 357  71     6  60.00 20.60 26.81 0.00        0.00     0.000 1.00              2.4 .56   3.48 L
PHP  AC HHZ   197.3  10  71  P     73.16 33.76 33.31 0.00  0.45  0.79     0.063
PHP  AC HHN   197.3  10  71     6  60.00 20.60 33.31 0.00        0.00     0.000 1.00              2.21.01   3.68 L
                           S     97.84 58.44 58.29 0.00  0.15  1.03S    0.192
BCI  AC HHZ   269.4   1  51  P     82.30 42.90 43.02 0.00 -0.12  1.03     0.128
BCI  AC HHE   269.4   1  51     6  60.00 20.60 43.02 0.00        0.00     0.000 1.00



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-30  2311 21.89  39 56.06   20E 2.96   6.00  0.07  0.69  1.69  1.60  2.10  2.1
                                                                                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   11   7.3  Atl  144  11   0   7   3   8      -       2.00  0.32 L    2.00  0.19 D
REGION= 8 Km V të Sarandës, Rajoni Sarandës (8 Km N of Saranda, Saranda  Region, Albania)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
SRN  AC HHZ     7.3 215  90  P     24.73  2.84  2.74 0.00  0.10  1.14     0.792 1.00  11   1.91 D
SRN  AC HHE     7.3 215  90     6   0.00-21.89  2.74 0.00        0.00     0.239 1.00             1.0 .05   1.92 L
                            S     26.59  4.70  4.80 0.00 -0.09  1.14S    0.886
IGT  AC HHZ    50.8 151  90  P     31.54  9.65  9.67 0.00 -0.02  1.14     0.235
IGT  AC HHN    50.8 151  90  S     38.83 16.94 16.92 0.00  0.02  1.14S    0.809
LSK  AC HHZ    52.6  62  90  P     31.84  9.95  9.96 0.00 -0.01  1.14     0.393 1.00  14   2.29 D
LSK  AC HHE    52.6  62  90     6   0.00-21.89  9.96 0.00        0.00     0.000 1.00            0.11 .51   1.28 L
                            S     39.30 17.41 17.43 0.00 -0.02  1.14S    0.618
SCTE AC HHZ   135.9 278  90  P     45.81 23.92 23.24 0.00  0.68* 0.14     0.023
FNA  AC HHZ   147.3  49  90  P     48.52 26.63 25.06 0.00  0.57* 0.00     0.000



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-30  2313  4.84  39 56.53   20E 2.43  2.00   0.22  0.65  0.88  1.73  2.40  2.4
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  14   18   7.7  Atl  122  10   0  10   4  11      -       3.00  0.24 L    3.00  0.10 D
REGION= 7 Km V të Sarandës, Rajoni Sarandës (7 Km N of Saranda, Saranda  Region, Albania)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
SRN  AC HHZ     7.7 207  90  P      7.63  2.79  2.80 0.00 -0.01  1.07     0.420 1.00  15   2.18 D
SRN  AC HHE     7.7 207  90  S      9.58  4.74  4.90 0.00 -0.16  1.07S    0.887
SRN  AC HHN     7.7 207  90     6   0.00 -4.84  2.80 0.00        0.00     0.000 1.00             5.7 .15   2.67 L
IGT  AC HHZ    51.9 151  90  P     14.52  9.68  9.85 0.00 -0.17  1.07     0.193 1.00  16   2.40 D
IGT  AC HHE    51.9 151  90  S     22.15 17.31 17.24 0.00  0.07  1.07S    0.459
LSK  AC HHZ    52.9  63  90  P     14.52  9.68 10.01 0.00 -0.33  1.03     0.281 1.00  18   2.50 D
LSK  AC HHN    52.9  63  90  S     22.25 17.41 17.52 0.00 -0.11  1.07S    0.461
LSK  AC HHE    52.9  63  90     6   0.00 -4.84 10.01 0.00        0.00     0.000 1.00            0.31 .80   1.73 L
KBN  AC HHZ    98.8  39  90  P     22.45 17.61 17.32 0.00  0.29  1.07     0.297
KBN  AC HHE    98.8  39  90     6   0.00 -4.84 17.32 0.00        0.00     0.000 1.00            0.06 .56   1.49 L
SCTE AC HHZ   135.1 277  90  P     28.46 23.62 23.11 0.00  0.41  0.54     0.091
SCTE AC HHN   135.1 277  90  S     45.18 40.34 40.44 0.00 -0.10  1.07S    0.698
LKD2 AC HHZ   138.6 157  90  P     28.91 24.07 23.68 0.00  0.39  0.92     0.141
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 FNA  AC HHZ   147.3  50  90  P     30.92 26.08 25.07 0.00  1.01* 0.00     0.000
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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
 2016-01-04  1800 56.05  38 37.52   20E23.61  50.32  0.28  1.56  5.13  4.51
                                                                                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   29 100.7  Atl  296   9   0  16   9  18      -       6.00  0.20 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   100.7 357  90  P     72.36 16.31 17.96 0.00 -0.45  0.00     0.000
 IGT  AC HHE   100.7 357  90  S     87.64 31.59 31.43 0.00  0.16  1.15S    1.000
 SRN  AC HHZ   143.4 347  90  P     79.69 23.64 23.59 0.00  0.05  1.15     0.151
 SRN  AC HHN   143.4 347  90     6  60.00  3.95 23.59 0.00        0.00     0.000 1.00              13 .50   4.17 L
                           S     97.59 41.54 41.28 0.00  0.26  1.15S    0.174
 LSK  AC HHZ   170.2   5  90  P     83.65 27.60 27.13 0.00  0.47  1.11     0.182
 LSK  AC HHE   170.2   5  90     6  60.00  3.95 27.13 0.00        0.00     0.000 1.00              28 .86   4.67 L
                           S    103.41 47.36 47.48 0.00 -0.12  1.15S    0.167
 VLO  AC HHZ   218.7 340  90  P     89.94 33.89 33.56 0.00  0.33  1.15     0.164
 VLO  AC HHN   218.7 340  90     6  60.00  3.95 33.56 0.00        0.00     0.000 1.00              18 .66   4.74 L
                           S    114.94 58.89 58.73 0.00  0.16  1.15S    0.212
 KBN  AC HHZ   224.4   8  90  P     91.20 35.15 34.31 0.00  0.44  0.36     0.020
 KBN  AC HHE   224.4   8  90  S    115.83 59.78 60.04 0.00 -0.26  1.15S    0.182
 KBN  AC HHN   224.4   8  90     6 120.00 63.95 34.31 0.00        0.00     0.000 1.00              11 .89   4.54 L
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SCTE AC HHZ   231.3 315  90  P     91.23 35.18 35.23 0.00 -0.05  1.15     0.329
SCTE AC HHN   231.3 315  90  S    117.35 61.30 61.65 0.00 -0.35  1.15S    0.470
FNA  AC HHZ   254.0  19  90  P     93.96 37.91 38.22 0.00 -0.31  1.15     0.309
FNA  AC HHE   254.0  19  90  S    122.99 66.94 66.88 0.00  0.06  1.15S    0.281
TIR  AC HHZ   305.6 352  90  P    100.35 44.30 45.05 0.00 -0.75* 0.59     0.040
TIR  AC HHN   305.6 352  90  S    135.07 79.02 78.84 0.00  0.18  1.15S    0.158
TIR  AC HHE   305.6 352  90     6 120.00 63.95 45.05 0.00        0.00     0.000 1.00              2.41.13   4.22 L
PHP  AC HHZ   339.7   0  90  P    104.54 48.49 49.56 0.00 -1.07* 0.02     0.000
PHP  AC HHN   339.7   0  90     6 120.00 63.95 49.56 0.00        0.00     0.000 1.00              3.31.05   4.48 L
                          S    142.46 86.41 86.73 0.00 -0.32  1.15S    0.154


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-04  2218 39.24  39 43.03   20E20.56  20.00  0.09  0.51  4.53  1.85  2.12  2.1
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
   8   12  20.6  Atl  148   9   0   7   4   8      -       2.00  0.11 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
IGT  AC HHZ    20.6 184  90  P     44.19  4.95  4.86 0.00  0.09  1.05     0.346
IGT  AC HHN    20.6 184  90  S     47.64  8.40  8.50 0.00 -0.10  1.05S    0.641
SRN  AC HHZ    34.4 302  90  P     46.27  7.03  7.06 0.00 -0.03  1.05     0.712 1.00  12   2.12 D
SRN  AC HHN    34.4 302  90     6   0.00-39.24  7.06 0.00        0.00     0.282 1.00             0.46 .21   1.74 L
                          S     51.61 12.37 12.35 0.00  0.02  1.05S    0.880
LSK  AC HHZ    52.8  24  90  P     48.89  9.65  9.99 0.00 -0.34  0.00     0.116
LSK  AC HHE    52.8  24  90     6   0.00-39.24  9.99 0.00        0.00     0.000 1.00             0.53 .31   1.96 L
                          S     56.54 17.30 17.48 0.00 -0.18  0.73S    0.222
FNA  AC HHZ   147.7  36  90  P     64.48 25.24 25.12 0.00  0.12  1.03     0.265
FNA  AC HHN   147.7  36  90  S     83.22 43.98 43.96 0.00  0.02  1.05S    0.531


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-05  1838  6.32  38 55.08   20E41.13   4.07  0.43  0.87  1.34  3.73  3.55  3.6
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  19   28  74.7  Atl  315  10   0  15   9  18      #       5.00  0.21 L    2.00  0.01 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		74.7	336	51	P		19.87	13.55	14.09	0.00	-0.24	1.08		0.212										
IGT	AC	HHE		74.7	336	51	S		30.58	24.26	24.66	0.00	-0.40	1.08S		0.290										
SRN	AC	HHZ		122.0	332	51	P		28.05	21.73	22.22	0.00	-0.29	1.08		0.235										
SRN	AC	HHN		122.0	332	51		6	0.00	-6.32	22.22	0.00		0.00		0.000	1.00						1.8	.51		3.11	L
							S		45.10	38.78	38.88	0.00	-0.10	1.08S		0.317										
LSK	AC	HHZ		137.0	357	51	P		31.76	25.44	24.79	0.00	0.35	1.05		0.191	1.00	65		3.55	D					
LSK	AC	HHE		137.0	357	51	S		49.53	43.21	43.38	0.00	-0.17	1.08S		0.358										
LSK	AC	HHN		137.0	357	51		6	60.00	53.68	24.79	0.00		0.00		0.000	1.00						9.5	.68		3.94	L
KBN	AC	HHZ		189.6	2	46	P		40.11	33.79	33.37	0.00	0.42	1.08		0.180	1.00	61		3.54	D					
KBN	AC	HHE		189.6	2	46		6	60.00	53.68	33.37	0.00		0.00		0.000	1.00						2.7	.86		3.73	L
							S		64.66	58.34	58.40	0.00	-0.06	1.08S		0.220										
VLO	AC	HHZ		200.2	330	46	P		42.93	36.61	35.05	0.00	0.46	0.01		0.000										
VLO	AC	HHE		200.2	330	46	S		68.40	62.08	61.34	0.00	0.74*	0.99S		0.240										
FNA	AC	HHZ		215.4	15	46	P		44.09	37.77	37.48	0.00	0.29	1.08		0.259										
FNA	AC	HHE		215.4	15	46	S		71.62	65.30	65.59	0.00	-0.29	1.08S		0.388										
TIR	AC	HHZ		278.7	346	37	P		52.37	46.05	46.11	0.00	-0.06	1.08		0.272										
TIR	AC	HHE		278.7	346	37	S		86.95	80.63	80.69	0.00	-0.06	1.08S		0.310										
PHP	AC	HHZ		307.9	357	37	P		54.51	48.19	49.97	0.00	-0.78*	0.00		0.000										
PHP	AC	HHN		307.9	357	37		6	60.00	53.68	49.97	0.00		0.00		0.000	1.00						0.71	.95		3.69	L
							S		94.50	88.18	87.45	0.00	0.73*	1.00S		0.243										
BCI	AC	HHZ		386.5	353	37	P		64.52	58.20	60.37	0.00	-0.17	0.00		0.000										
BCI	AC	HHE		386.5	353	37		6	60.00	53.68	60.37	0.00		0.00		0.000	1.00						0.71	1.67		3.94	L
							S		111.39	105.07	105.65	0.00	-0.58*	1.08S		0.279										

YEAR	MO	DA	--ORIGIN--	--LAT N-	--LON W--	DEPTH	RMS	ERH	ERZ	XMAG	FMAG	PMAG
2016-	01-	08	1307 33.50	43 63.53	18E69.46	17.97	0.41	0.75	1.65		4.64	

NSTA	NPHS	DMIN	MODEL	GAP	ITR	NFM	NWR	NWS	NVR	REMRKS	-AVH	N.XMG	-XMMAD-T	N.FMG	-FMMAD-T	SOURCE L	F	X
16	24	179.3	Atl	332	12	0	15	8	16	-		0.00	0.00 L	3.00	0.01 D			

REGION= Bosnje (Bosnja)

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		179.3	140	58	P		63.76	30.26	29.02	0.00	0.24*	0.11		0.003	1.00	152		4.64	D					
BCI	AC	HHN		179.3	140	58	S		84.53	51.03	50.78	0.00	0.25	1.20S		0.543										

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PHP  AC HHZ   259.0 145  58  P     74.13 40.63 39.56 0.00  1.07* 0.36     0.023 1.00 176   4.83 D
PHP  AC HHN   259.0 145  58  S    102.96 69.46 69.23 0.00  0.23  1.20S    0.207
TIR  AC HHZ   270.8 158  58  P     73.30 39.80 41.12 0.00 -1.32* 0.04     0.000 1.00 136   4.63 D
TIR  AC HHN   270.8 158  58  S    105.86 72.36 71.96 0.00  0.40  1.20S    0.263
VLO  AC HHZ   356.9 168  58  P     86.62 53.12 52.51 0.00  0.61* 1.17     0.315
VLO  AC HHN   356.9 168  58  S    125.30 91.80 91.89 0.00 -0.09  1.20S    0.601
KBN  AC HHZ   375.8 151  58  P     88.31 54.81 55.01 0.00 -0.20  1.20     0.249
KBN  AC HHN   375.8 151  58  S    129.20 95.70 96.27 0.00 -0.57* 1.18S    0.260
FNA  AC HHZ   386.3 143  58  P     89.44 55.94 56.40 0.00 -0.46  1.20     0.273
FNA  AC HHE   386.3 143  58  S    132.08 98.58 98.70 0.00 -0.12  1.20S    0.265
LSK  AC HHZ   417.3 157  58  P     94.53 61.03 60.49 0.00  0.54* 1.19     0.237
LSK  AC HHE   417.3 157  58  S    139.67106.17105.86 0.00  0.31  1.20S    0.276
SRN  AC HHZ   430.0 164  58  P     95.09 61.59 62.18 0.00 -0.59* 1.17     0.215
SRN  AC HHE   430.0 164  58  S    141.95108.45108.82 0.00 -0.37  1.20S    0.262


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-12  1826  1.69  39 41.34   20E25.38  18.73  0.13  0.55  0.87  2.41  2.58
                                                                                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  19.2  Atl  135   6   0  10   4  11             2.00  0.14 L    2.00  0.01 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    19.2 205 130  P      6.34  4.65  4.83 0.00 -0.18  1.05     0.282
IGT  AC HHN    19.2 205 130  S     10.18  8.49  8.45 0.00  0.04  1.07S    0.601
SRN  AC HHZ    41.9 301 108  P      9.94  8.25  8.19 0.00  0.06  1.07     0.211 1.00  20   2.57 D
SRN  AC HHE    41.9 301 108     6   0.00 -1.69  8.19 0.00        0.00     0.000 1.00              1.4 .14   2.27 L
                            S     16.14 14.45 14.33 0.00  0.12  1.07S    0.587
LSK  AC HHZ    53.3  16 103  P     11.07  9.38 10.03 0.00 -0.45  0.00     0.000 1.00  20   2.58 D
LSK  AC HHE    53.3  16 103     6   0.00 -1.69 10.03 0.00        0.00     0.000 1.00              2.0 .56   2.54 L
                            S     19.54 17.85 17.55 0.00  0.30  0.58S    0.313
LKD2 AC HHZ   102.0 168  71  P     19.82 18.13 17.90 0.00  0.23  0.92     0.497
FNA  AC HHZ   146.3  33  71  P     26.65 24.96 24.97 0.00 -0.01  1.07     0.255
FNA  AC HHN   146.3  33  71  S     45.33 43.64 43.70 0.00 -0.06  1.07S    0.505
SCTE AC HHZ   172.7 286  71  P     30.67 28.98 29.17 0.00 -0.19  1.03     0.452
PHP  AC HHZ   221.6   0  51  P     38.04 36.35 36.28 0.00  0.07  1.07     0.292
```

```
YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-16  1855  9.95  41 30.06   14E35.21  33.71  0.52  3.90  2.64  4.68
                                                                          SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  18   23 101.7  Atl  319  10   0  14   3  16             4.00  0.13 L    0.00  0.00 D
REGION= 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
SGRT AC HHZ   101.7  73  97  P     27.70 17.75 17.94 0.00 -0.19  1.05     0.418
SGRT AC HHN   101.7  73  97  S     41.43 31.48 31.40 0.00  0.08  1.05S    0.752
MRVN AC HHZ   143.4 109  66  P     35.41 25.46 24.26 0.00  0.20  0.60     0.049
MRVN AC HHE   143.4 109  66  S     52.39 42.44 42.46 0.00 -0.02  1.05S    0.757
NOCI AC HHZ   222.5 110  58  P     45.86 35.91 35.08 0.00  0.83* 0.99     0.115
NOCI AC HHN   222.5 110  58  S     73.45 63.50 61.39 0.00  0.11  0.00S    0.000
SCTE AC HHZ   363.9 114  58  P     64.07 54.12 53.78 0.00  0.34  1.05     0.155
VLO  AC HHZ   428.9 103  58  P     71.82 61.87 62.38 0.00 -0.51* 1.05     0.103
TIR  AC HHZ   441.8  90  58  P     73.61 63.66 64.09 0.00 -0.43  1.05     0.127
TIR  AC HHE   441.8  90  58     6  60.00 50.05 64.09 0.00        0.00     0.000 1.00             1.0 .54   4.24 L
                           S    119.50109.55112.16 0.00 -2.61* 0.00S    0.000
BCI  AC HHZ   464.9  76  58  P     77.81 67.86 67.14 0.00  0.72* 1.04     0.275
BCI  AC HHE   464.9  76  58     6 120.00110.05 67.14 0.00        0.00     0.000 1.00             2.81.17   4.74 L
                           S    127.42117.47117.49 0.00 -0.02  1.05S    0.802
SRN  AC HHZ   492.1 109  58  P     80.24 70.29 70.73 0.00 -0.44  1.05     0.124
LSK  AC HHZ   529.3 104  58  P     86.08 76.13 75.66 0.00  0.47  1.05     0.106
LSK  AC HHE   529.3 104  58     6 180.00170.05 75.66 0.00        0.00     0.000 1.00             2.71.05   4.87 L
KBN  AC HHE   530.7  98  58     6 120.00110.05 75.84 0.00        0.00     0.000 1.00             1.5 .93   4.62 L
IGT  AC HHZ   534.0 112  58  P     85.73 75.78 76.28 0.00 -0.50  1.05     0.141
FNA  AC HHZ   576.8  95  58  P     90.88 80.93 81.94 0.00 -1.01* 0.85     0.068



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-18  1126 15.73  40 47.42   21E25.72  20.00  0.33  2.71 30.01        2.91
                                                                          SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
   7   10   3.9  Atl  264   7   0   6   2   7      -       0.00  0.00 L    2.00  0.13 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
FNA  AC HHZ     3.9 256  90  P     17.31  1.58  2.19 0.00 -0.61* 0.84     0.139
FNA  AC HHE     3.9 256  90  S     18.26  2.53  3.83 0.00 -1.30* 0.00S    0.000
KBN  AC HHZ    57.3 252  90  P     26.46 10.73 10.70 0.00  0.03  1.03     0.232 1.00  25   2.78 D
KBN  AC HHN    57.3 252  90  S     34.39 18.66 18.73 0.00 -0.07  1.03S    0.851
LSK  AC HHZ   100.1 225  90  P     33.66 17.93 17.53 0.00  0.40  1.03     0.563
PHP  AC HHZ   129.3 321  90  P     37.61 21.88 22.19 0.00 -0.31  1.03     0.477 1.00  31   3.03 D
PHP  AC HHN   129.3 321  90  S     54.88 39.15 38.83 0.00  0.32  1.03S    0.734


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-21  0922 29.28  34 43.02   22E56.81  16.24  1.20 58.61 73.81        4.76
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  12   17 629.8  Atl  333  10   0  11   5  12      -       0.00  0.00 L    2.00  0.09 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   496.0 337  51  P    105.74 76.46 72.83 0.00  3.63* 0.00     0.000
SRN  AC HHZ   629.8 337  51  P    121.78 92.50 90.53 0.00  1.97* 0.90     0.191
SRN  AC HHN   629.8 337  51  S    188.86159.58158.43 0.00  1.15* 1.13S    0.506
LSK  AC HHZ   637.8 342  51  P    122.44 93.16 91.59 0.00  1.57* 1.09     0.222 1.00 129   4.67 D
LSK  AC HHN   637.8 342  51  S    190.78161.50160.28 0.00  1.22* 1.13S    0.357
FNA  AC HHZ   687.1 349  51  P    126.42 97.14 98.11 0.00 -0.97* 1.13     0.342
FNA  AC HHN   687.1 349  51  S    199.44170.16171.69 0.00 -1.53* 1.10S    0.741
PHP  AC HHZ   804.0 345  51  P    141.04111.76113.57 0.00 -1.81* 1.00     0.175 1.00 131   4.84 D
NOCI AC HHZ   850.6 325  51  P    149.09119.81119.74 0.00  0.07  1.13     0.248
NOCI AC HHN   850.6 325  51  S    238.85209.57209.54 0.00  0.02  1.13S    0.342
MRVN AC HHZ   921.7 322  51  P    157.91128.63129.14 0.00 -0.51* 1.13     0.311
MRVN AC HHN   921.7 322  51  S    254.20224.92225.99 0.00 -1.07* 1.13S    0.559


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-23  0246 45.64  42 53.05   18E85.86   9.77  0.32  0.65  0.46        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
```

```
  14   21  35.9  Atl  299  10   0  12   7  14              0.00  0.00 L    4.00  0.04 D
REGION= Mali Zi (Montenegro)

STA NET COM CR DIST AZM  AN P/S WT   SEC (TOBS -TCAL -DLY  =RES)  WT   SR  INFO  CAL DUR-W-FMAG-T AMP-PER-W-XMAG-T
PDG  AC HHZ    35.9 108  98  P     53.80  8.16  6.85 0.00  0.31  0.07     0.001
PDG  AC HHN    35.9 108  98  S     57.10 11.46 11.99 0.00 -0.53  1.15S    0.485
BCI  AC HHN   102.1 100  92  S     77.52 31.88 31.82 0.00  0.06  1.15S    0.454
BCI  AC HHZ   102.1 100  92  P     64.17 18.53 18.18 0.00  0.35  1.15     0.379 1.00  37   3.04 D
TIR  AC HHE   156.5 147  68  S     93.34 47.70 47.44 0.00  0.26  1.15S    0.592
TIR  AC HHZ   156.5 147  68  P     72.96 27.32 27.11 0.00  0.21  1.15     0.362 1.00  36   3.06 D
PHP  AC HHN   162.1 125  68  S     94.95 49.31 49.02 0.00  0.29  1.15S    0.298
PHP  AC HHZ   162.1 125  68  P     73.59 27.95 28.01 0.00 -0.06  1.15     0.188 1.00  38   3.11 D
KBN  AC HHE   266.8 142  50  S    120.96 75.32 75.63 0.00 -0.31  1.15S    0.378
KBN  AC HHZ   266.8 142  50  P     90.01 44.37 43.22 0.00  0.15  0.26     0.016 1.00  53   3.49 D
LSK  AC HHN   302.7 150  50  S    129.93 84.29 83.93 0.00  0.36  1.15S    0.258
LSK  AC HHZ   302.7 150  50  P     93.25 47.61 47.96 0.00 -0.35  1.15     0.316
SRN  AC HHE   310.2 161  50  S    130.96 85.32 85.68 0.00 -0.36  1.15S    0.268
SRN  AC HHZ   310.2 161  50  P     92.51 46.87 48.96 0.00 -0.09  0.00     0.000



YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-23  1747 50.06  39 48.79   20E37.31   5.00  0.10  0.57  1.09  2.04  2.42
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  10   15  37.4  Atl  148   7   0   9   5  10      -       2.00  0.13 L    2.00  0.04 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    37.4 357  90  P     57.65  7.59  7.54 0.00  0.05  1.07     0.295 1.00  16   2.38 D
LSK  AC HHE    37.4 357  90     6  60.00  9.94  7.54 0.00        0.00     0.000 1.00              1.2 .54   2.17 L
                            S     63.05 12.99 13.19 0.00 -0.20  0.76S    0.234
IGT  AC HHZ    40.1 219  90  P     57.34  7.28  7.96 0.00 -0.48  0.00     0.000
IGT  AC HHE    40.1 219  90  S     63.93 13.87 13.93 0.00 -0.06  1.07S    0.419
SRN  AC HHZ    53.7 279  90  P     60.15 10.09 10.13 0.00 -0.04  1.07     0.682 1.00  17   2.45 D
SRN  AC HHN    53.7 279  90     6  60.00  9.94 10.13 0.00        0.00     0.013 1.00            0.46 .36   1.91 L
                            S     67.99 17.93 17.73 0.00  0.20  0.75S    0.816
LKD2 AC HHZ   113.8 178  90  P     69.90 19.84 19.71 0.00  0.13  1.06     0.281
LKD2 AC HHE   113.8 178  90  S     84.49 34.43 34.49 0.00 -0.06  1.07S    0.552
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FNA  AC HHZ   125.5  30  90  P     71.58 21.52 21.59 0.00 -0.07  1.07     0.251
FNA  AC HHE   125.5  30  90  S     87.93 37.87 37.78 0.00  0.09  1.07S    0.452


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-24  1138 14.98  39 42.18   20E28.08  19.32  0.14  0.61  0.85  2.87  2.99
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  15   21  22.4  Atl  138  11   0  12   6  14             5.00  0.23 L    2.00  0.19 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    22.4 212 127  P     19.77  4.79  5.31 0.00 -0.42  0.15     0.005
IGT  AC HHN    22.4 212 127  S     24.35  9.37  9.29 0.00  0.08  1.17S    0.594
SRN  AC HHZ    44.6 297 108  P     23.58  8.60  8.65 0.00 -0.05  1.17     0.217 1.00  26   2.80 D
SRN  AC HHN    44.6 297 108     6   0.00-14.98  8.65 0.00        0.00     0.000 1.00              3.1 .30   2.64 L
                            S     30.09 15.11 15.14 0.00 -0.03  1.17S    0.579
SRN  AC HHE    44.6 297 108     6   0.00-14.98  8.65 0.00        0.00     0.000 1.00              3.4 .43   2.67 L
LKD2 AC HHZ   102.8 170  71  P     32.85 17.87 18.00 0.00 -0.13  1.17     0.677
KBN  AC HHZ   105.8  14  71  P     33.35 18.37 18.47 0.00 -0.10  1.17     0.172 1.00  38   3.17 D
KBN  AC HHN   105.8  14  71     6   0.00-14.98 18.47 0.00        0.00     0.000 1.00              1.3 .46   2.87 L
                            S     47.08 32.10 32.32 0.00 -0.22  1.17S    0.307
FNA  AC HHZ   142.9  32  71  P     38.83 23.85 24.39 0.00 -0.44  0.10     0.001
FNA  AC HHE   142.9  32  71  S     57.85 42.87 42.68 0.00  0.19  1.17S    0.529
SCTE AC HHZ   176.0 285  71  P     43.87 28.89 29.67 0.00 -0.78* 0.00     0.000
TIR  AC HHZ   189.6 345  57  P     46.91 31.93 31.85 0.00  0.08  1.17     0.134
TIR  AC HHE   189.6 345  57     6  60.00 45.02 31.85 0.00        0.00     0.000 1.00            0.62 .51   3.10 L
                            S     70.76 55.78 55.74 0.00  0.04  1.17S    0.362
PHP  AC HHZ   220.1   0  51  P     51.30 36.32 36.02 0.00  0.30  1.06     0.111
PHP  AC HHN   220.1   0  51     6  60.00 45.02 36.02 0.00        0.00     0.000 1.00


YEAR MO DA  --ORIGIN--  --LAT N-  --LON W--  DEPTH   RMS   ERH   ERZ  XMAG  FMAG  PMAG
2016-01-26  1303 10.34  38 39.90   21E57.46  51.56  1.99 11.69 98.99  3.92  4.89  3.9
                                                                                SOURCE
NSTA NPHS  DMIN MODEL GAP ITR NFM NWR NWS NVR REMRKS-AVH  N.XMG-XMMAD-T   N.FMG-FMMAD-T  L F X
  16   22 170.5  Atl  316  21   0  11   5  13      -      7.00  0.13 L    3.00  0.17 D
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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		170.5	305	90	P		32.98	22.64	27.21	0.00	-4.57*	0.74		0.188			
IGT	AC	HHE		170.5	305	90	S		59.04	48.70	47.62	0.00	1.08*	1.22	S	0.903			
LSK	AC	HHZ		202.2	326	90	P		41.09	30.75	31.37	0.00	-0.62*	1.22		0.217			
LSK	AC	HHN		202.2	326	90		6	60.00	49.66	31.37	0.00		0.00		0.000	1.00		9.41.22 4.37 L
							S		62.43	52.09	54.90	0.00	-2.81*	1.22	S	0.305			
SRN	AC	HHZ		216.2	310	90	P		36.89	26.55	33.22	0.00	-6.67*	0.05		0.000	1.00	132 4.71 D	
SRN	AC	HHN		216.2	310	90		6	60.00	49.66	33.22	0.00		0.00		0.000	1.00		1.81.37 3.72 L
							S		69.68	59.34	58.13	0.00	1.21*	1.22	S	0.686			
SRN	AC	HHE		216.2	310	90		6	60.00	49.66	33.22	0.00		0.00		0.000	1.00		2.4 .95 3.85 L
KBN	AC	HHZ		239.5	336	90	P		47.19	36.85	36.31	0.00	0.54*	1.22		0.185			
KBN	AC	HHE		239.5	336	90		6	60.00	49.66	36.31	0.00		0.00		0.000	1.00		2.91.05 4.05 L
							S		80.76	70.42	63.54	0.00	6.88*	0.03	S	0.000			
FNA	AC	HHZ		240.1	349	90	P		44.67	34.33	36.38	0.00	-2.05*	1.22		0.265			
FNA	AC	HHE		240.1	349	90	S		76.17	65.83	63.67	0.00	2.17*	1.22	S	0.531			
TIR	AC	HHZ		347.4	330	90	P		64.20	53.86	50.57	0.00	3.29*	1.16		0.174	1.00	173 5.06 D	
TIR	AC	HHN		347.4	330	90		6	120.00	109.66	50.57	0.00		0.00		0.000	1.00		0.801.29 3.88 L
TIR	AC	HHE		347.4	330	90		6	120.00	109.66	50.57	0.00		0.00		0.000	1.00		0.871.03 3.92 L
PHP	AC	HHZ		359.3	340	90	P		63.43	53.09	52.15	0.00	0.94*	1.22		0.195	1.00	139 4.89 D	
PHP	AC	HHN		359.3	340	90		6	60.00	49.66	52.15	0.00		0.00		0.000	1.00		1.21.63 4.11 L
							S		100.16	89.82	91.26	0.00	-1.44*	1.22	S	0.344			

Tërmete të largëta *(Long distance earthquake)*

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
 2016 01 14  0337 23.11                              6.7     Hokkaido, Japan Region
 GAP=                    hor.err=           ver.err=

 STAT SP IPHASW D HRMM SECON               AZIMU RES   DIS   DUR   Md
 BCI  AC iP       0337 43.46
 FNA  AC iP       0337 46.23
 PHP  AC iP       0337 47.63
 TIR  AC iP       0337 49.84
 KBN  AC iP       0337 50.46
 VLO  AC iP       0337 52.86
 NOCI AC iP       0337 52.87
 MRVN AC iP       0337 52.87
 LSK  AC iP       0337 53.26
 IGT  AC iP       0337 54.52
 SRN  AC iP       0337 55.21
 LKD2 AC iP       0337 55.44
 SGRT AC iP       0337 56.36
 SCTE AC iP       0337 56.36



 Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
 2016-01-24  1041 48.01                                7.1    Southern Alaska
 GAP=                    hor.err=           ver.err=

 STAT SP IPHASW D HRMM SECON               AZIMU RES   DIS   DUR   Md
 SGRT AC iP      1042 16.11
 BCI  AC iP      1042 17.16
 TIR  AC iP      1042 18.97
 PHP  AC iP      1042 20.03
 NOCI AC iP      1042 21.27
```

```
FNA  AC iP      1042 22.26
SCTE AC iP      1042 23.56
LSK  AC iP      1042 27.19
KBN  AC iP      1042 28.63
SRN  AC iP      1042 28.71
IGT  AC iP      1042 28.83
LKD2 AC iP      1042 33.29
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2016-01-25  0425 41.32                            6.3    Strait Of Gibraltar
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON               AZIMU RES   DIS   DUR   Md
MRVN AC iP       0425 52.85
SGRT AC iP       0425 50.16
NOCI AC iP       0425 59.45
SCTE AC iP       0425 69.47
TIR  AC iP       0426 26.09
BCI  AC iP       0426 31.46
PHP  AC iP       0426 33.59
SRN  AC iP       0426 26.61
KBN  AC iP       0426 33.65
LSK  AC iP       0426 44.91
IGT  AC iP       0426 27.39
FNA  AC iP       0426 38.03
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2016-01-28  0015 38.33                            2.33   Bosnia and Herzegovina
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON               AZIMU RES   DIS   DUR   Md
BCI  AC iP       0016 00.25
PHP  AC iP       0016 09.12
NOCI AC iP       0016 13.94
SGRT AC iP       0016 15.35
SCTE AC iP       0016 20.49
```

```
Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2016-01-30  0336 23.90                            7.0    Kamchata Peninsula Rusi
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON               AZIMU RES   DIS   DUR   Md
TIR  AC iP       0336 53.74
BCI  AC iP       0336 47.65
PHP  AC iP       0336 52.38
SCTE AC iP       0336 61.92
KBN  AC iP       0336 55.22
NOCI AC iP       0336 61.04
LSK  AC iP       0336 59.28
FNA  AC iP       0336 53.76
SRN  AC iP       0336 60.63
SGRT AC iP       0336 57.55
IGT  AC iP       0336 61.34
THE  AC iP       0336 52.32
LKD2 AC iP       0336 64.54

Y   M   D   HM   Sec     Lat     Long   Dep  Net Nr Rms Mag    Epicenter
2016-01-30  2147 52.28                            3.8         Kroacia (Croatia)
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON               AZIMU RES   DIS   DUR   Md
BCI  AC iP       2148 17.33
TIR  AC iP       2148 24.54
PHP  AC iP       2148 26.57
NOCI AC iP       2148 27.75
KBN  AC iP       2148 39.08
FNA  AC iP       2148 41.99
SRN  AC iP       2148 41.04
```

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

2015 01 30  2254 05.13                                 PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON               AZIMU RES   DIS   DUR   Md
SRN  SZ IPG      2254 05.13
SRN  SE ISG      2254 06.94
```

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

2015 01 30  2254 05.13                                 PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON               AZIMU RES   DIS   DUR   Md
SRN  SZ IPG      2254 19.08
SRN  SE ISG      2254 21.50
```

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

2015 01 30  2255 00.08                                 PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON               AZIMU RES   DIS   DUR   Md
SRN  SZ IPG      2255 00.08
SRN  SE ISG      2255 02.70
```

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

```
2015 01 30  2255 19.08                                  PHP
GAP=                    hor.err=            ver.err=

STAT SP IPHASW D HRMM SECON                AZIMU RES   DIS   DUR   Md
SRN  SZ IPG      2255 19.65
SRN  SE ISG      2255 21.47



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

2015 01 30  2255 55.57                                  PHP
GAP=                    hor.err=            ver.err=

STAT SP IPHASW D HRMM SECON                AZIMU RES   DIS   DUR   Md
SRN  SZ IPG      2255 55.57
SRN  SE ISG      2255 57.40



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

2015 01 30  2256 12.20                                  PHP
GAP=                    hor.err=            ver.err=

STAT SP IPHASW D HRMM SECON                AZIMU RES   DIS   DUR   Md
SRN  SZ IPG      2256 12.20
SRN  SE ISG      2256 13.95



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

2015 01 30  2256 30.56                                  PHP
GAP=                    hor.err=            ver.err=

STAT SP IPHASW D HRMM SECON                AZIMU RES   DIS   DUR   Md
SRN  SZ IPG      2256 30.56
```

```
SRN  SE ISG      2256 32.36


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

2015 01 30  2256 58.34                                PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON               AZIMU RES   DIS   DUR   Md
SRN  SZ IPG      2256 58.34
SRN  SE ISG      2257 00.16


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

2015 01 30  2257 15.96                                PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON               AZIMU RES   DIS   DUR   Md
SRN  SZ IPG      2257 15.96
SRN  SE ISG      2257 17.79


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

2015 01 30  2259 25.92                                PHP
GAP=                    hor.err=           ver.err=

STAT SP IPHASW D HRMM SECON               AZIMU RES   DIS   DUR   Md
SRN  SZ IPG      2259 25.92
SRN  SE ISG      2259 27.70


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

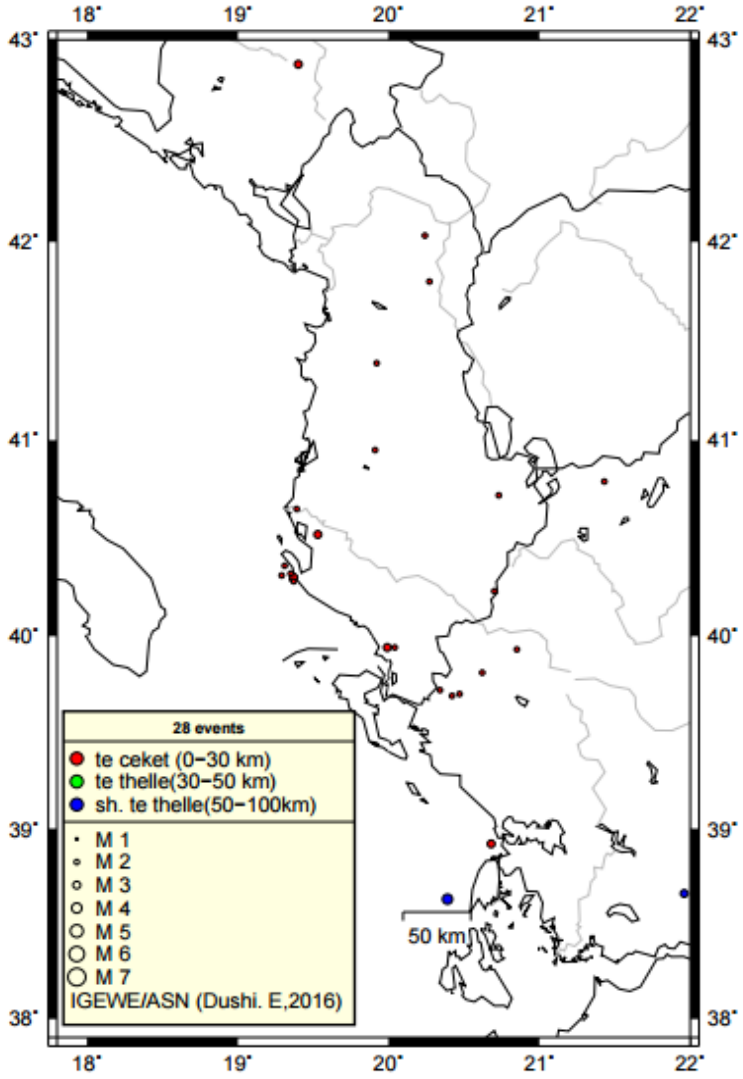
```
2015 01 30  2301 48.96                                    PHP
GAP=                    hor.err=            ver.err=

STAT SP IPHASW D HRMM SECON                AZIMU RES   DIS   DUR   Md
SRN  SZ IPG      2301 48.96
SRN  SE ISG      2301 50.69



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

2015 01 30  2304 26.55                                    PHP
GAP=                    hor.err=            ver.err=

STAT SP IPHASW D HRMM SECON                AZIMU RES   DIS   DUR   Md
SRN  SZ IPG      2304 26.55
SRN  SE ISG      2304 28.35



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

2015 01 30  2305 10.77                                    PHP
GAP=                    hor.err=            ver.err=

STAT SP IPHASW D HRMM SECON                AZIMU RES   DIS   DUR   Md
SRN  SZ IPG      2305 10.77
SRN  SE ISG      2305 12.56



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

2015 01 30  2307 27.39                                    PHP
GAP=                    hor.err=            ver.err=

STAT SP IPHASW D HRMM SECON                AZIMU RES   DIS   DUR   Md
SRN  SZ IPG      2307 27.39
  SRN  SE ISG      2307 29.45
```

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

Ngjarja 1 (Event 1):

Datë 15.1.2016, në orën 20:39:09.14 (UTC); lokalizuar 40.30V; 19.37L, 10 km në Perëndim të Orikumit, Vlorë; Intensiteti i tërmetit në epiqendër I0= IV ballë (MSK-64); Ndjerë: III-V ballë në qytetin e Vlorës.
(Intensity I0 = IV degree EMS-98, felt III-IV degree at Vlora Town.

<u>Shënim</u>: Intensiteti i tërmetit në epiqendër I_0 është përcaktuar nga relacioni $\mathbf{I_0 = (Mag\ (M_{L/d}) - 1)/0.6}$
Note: The earthquake Intensity in epicenter I_0 is derived from the relation $\mathbf{I_0 = (Mag\ (ML/d) - 1)/0.6}$



-Fig. 3 -

Harta e shpërndarjes në hapësirë të epiqendrave, në përputhje me magnitude (madhësia e simbolit) dhe thellësinë (ngjyra e simbolit); Ngjarjet janë lokalizuar gjatë muajit Janar 2016, bazuar në regjistrimet e ASN dhe stacioneve sizmologjike në rajon.
(*Epicentral map for located seismicity within Albania and surrounding during January2016)*

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]	26
Numuri i ngjarjeve sizmike brenda kufirit shtetëror	[earthquakes occurred within state border]	19
Thellësia mesatare e vrojtuar (km)	[mean observed depth]	15
Thellësia maksimale e vrojtuar (km)	[maximum observed depth]	43
Magnituda lokale minimale e vrojtuar ($M_{L/d}$)	[minimum observed local magnitude]	1.7
Magnituda lokale maksimale e vrojtuar ($M_{L/d}$)	[maximum observed local magnitude]	3.5
Intensiteti maksimal i vrojtuar (MSK-64)	[maximum observed intensity]	IV

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