

BULETINI MUJOR I SIZMOLOGJIS
(MONTHLY BULLETIN OF SEISMOLOGY)

Shkurt 2019
(February 2018)

Universiteti Politeknik i Tiranës
Instituti i Gjeoshkencave, Energjisë, Ujit dhe Mjedisit
(Polytechnic University of Tirana
Institute of Geosciences, Energy, Water and Environment)

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

Përliluar nga:

Punonjësit kërkues-shkencor
Prof. Dr. Rrapo ORMËNI
Dr. Edmond DUSHI

Punonjësit ndihmës-shkencor
Msc. Ardian MINAROLLI
Msc. Ervin KASA
Msc. Olgert GJUZI
Msc. Irena DUSHI
Msc. Suela HAJRULLAI

Redaktor përgjegjës:

Prof. Dr. Rrapo ORMËNI

Përgjegjësi i Departamentit

Prof. Asoc. Dr. Rrexhep KOCI

H Y R J E

Buletini sizmologjik përmban ngjarjet sizmike (tërmetet), e regjistruar, lokalizuar dhe analizuar gjatë periudhës kohore një-mujore. Përpos pasqyrimin kronologjik të aktivitetit sizmik të regjistruar, në territorin Shqipëtar dhe rreth tij, me anë të stacioneve të rrjetit sizmologjik shqipëtar, por edhe të rrjeteve fqinjë, periodiku përmban një analizë të gjithanëshme të parametrave të vlerësuar në drejtim të cilësisë së vlerësimit të tyre dhe statistikës së aktivitetit sizmik në vend. Përmbajtja e buletinit konsiston në terminologjinë përkatëse, në karakteristikat e stacioneve sizmologjik, të dhënat parametrike të vlerësuara nga analiza e çdo tërmeti, në analizën e cilësisë së vlerësimit të këtyre parametrave, në analizën e ngjarjeve të veçanta ($M > 4.0$), nëse ka të tilla, si dhe në përpilimin e katalogut mujor dhe paraqitjen grafike në hartë, të epiqendrave të tërmeteve të lokalizuar. Në procesin e monitorim-regjistrimit dhe lokalizimit të ngjarjeve sizmike kontribuojnë drejtpërdrejtë punonjësit ndihmës-shkencor (laborant): Ing. Ardian Minarolli, Ing. Ervin Kasaj dhe Ing. Olgert Gjuzi (Inxhinier Gjeolog/ Monitorues në Qendrën Kombëtare të Sizmologjisë). Në kontrollin dhe analizën e cilësisë së vlerësimit të të dhënave, në analizën statistikore, analizën e ngjarjeve ($M > 4.0$), katalogimin dhe paraqitjen grafike në hartë si dhe përpilimin e këtij buletini, kontribuojnë punonjësit kërkues sizmolog, Prof.Dr. Rrapo Ormeni dhe Dr. Edmond Dushi. Analiza e të dhënave kryhet me anë të programit Hypoinverse-2000 (Pakete rutinash në gjuhën Fortran), me autor Fred W Klein (2002) [Referenca: *Open File Report 02-171, v. 1.0, U. S. Geological Survey, 345 Middlefield Rd., MS#977, Menlo Park CA 94025; klein@usgs.gov*]. Ky program është baza llogaritëse e përdorur nga **Nanometrics** në programin interaktiv të përpunimit dhe lokalizimit të tërmeteve, në sistemin Libra 1, ATLAS (një ndërfaqe grafike në gjuhën Java). Të dhënat e përftuara ruhen në formatet standart të Hypoinverse 2000, në skedarin hyp.prt dhe atë akiv, që shërbejnë edhe si baza për përpilimin e këtij buletini dhe analizës së kryer.

Briefing:

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

Stacionet Sizmikë (Seismic Stations)

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

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

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

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

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

T₀ – perioda vetjake e reagimit të sizmometrit (sensorit), mbi të cilën ai reagon linearisht si filtër i

frekuencave të larta (High-Pass). Ky parametër është karakteristik për një tip të dhënë sensori (Sensor Natural Period)

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

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

Kodi	Regjistruar (Po/Jo)	Gjer. Gjeo.	Gjat. Gjeo.	Lartesia	Tipi i stacionit	Sensori	Terheqja e Informacionit	Komunikimi	T ₀
Station Code	Registered (WDC)	Latitude (degree)	Longitude (degree)	Elev. (m)	Station type	Sensor type	Acquisition system	Communication	Nat.l Period (s)
TIR	Po (Y)	41.3477	19.8650	198	3C-BB	STS-2	Libra VSAT (InterNaqs)	RT satellite	120
BCI	Po (Y)	42.3666	20.0675	500	3C-BB	CMG-40T	Libra VSAT	RT satellite	40
PHP	Po (Y)	41.6847	20.4408	670	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
SDA	Po (Y)	42.0519	19.4986	80	3C-SP	SM-4	GBV-316	Dial-up	0.2
LACI	Po (Y)	41.6363	19.7094	40	3C-SP	SM-4	GBV-316	Dial-up	0.2
TPE	Po (Y)	40.2952	20.0109	240	3C-SP	SM-4	GBV-316	Dial-up	0.2
LSK	Po (Y)	40.1500	20.6000	920	3C-BB	CMG-40T	Libra VSAT	RT satellite	40
KBN	Po (Y)	40.6236	20.7874	800	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
VLO	Po (Y)	40.4686	19.4955	80	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
SRN	Po (Y)	39.8800	20.0005	20	3C-BB	Trillium 40T	Libra VSAT.	RT satellite	40
PUK	Po (Y)	42.0426	19.8926	900	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
KKS	Po (Y)	42.0756	20.4113	300	3C-SP	SM-4	GBV-316	Dial-up	0.2

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

Kodi	Regjistruar (Po/Jo)	Gjer. Gjeo.	Gjat. Gjeo.	Lartesia	Tipi i stacionit	Sensori	Terheqja e Informacionit	Komunikimi	T ₀
Station Code	Registered (WDC)	Latitude (degree)	Longitude (degree)	Elev. (m)	Station type	Sensor type	Acquisition system	Communication	Nat.l Period (s)
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

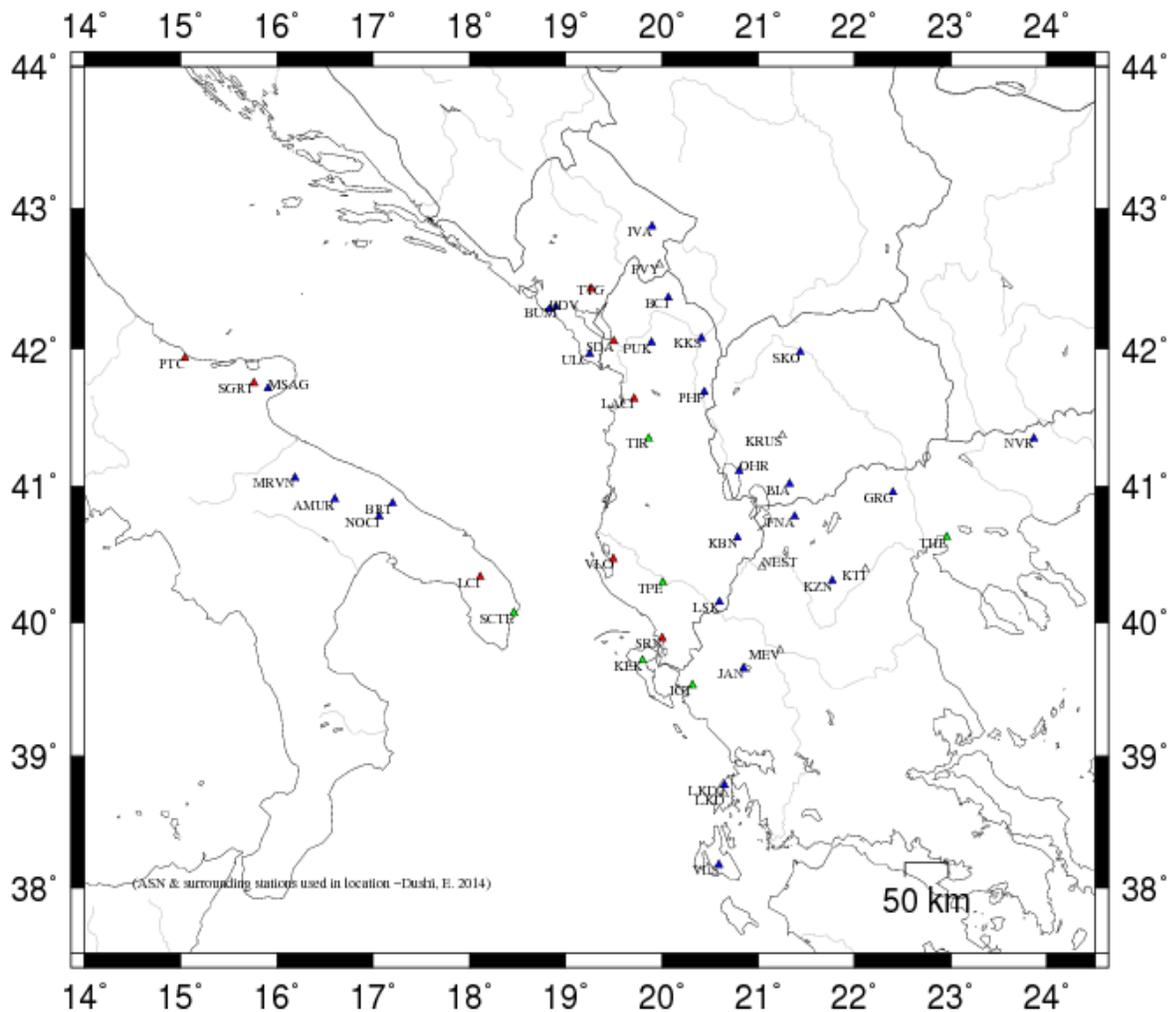
Tab. 3 – Rrjeti Sizmologjik Ndihmës (MSO, SKO, AUTH, NAO, INGV)

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	Communication	Nat.l Period (s)
MEV	Po (Y)	39.7850	21.2290	1500	3C-SP	S-13	Trident	RT	1.0
KTI	Po (Y)	40.39289	22.11650	1329	#	#	#	#	#
GRG	Po (Y)	40.9558	22.4029	600	3C-BB	CMG-3EPS/100	Trident	RT	40
LKD	Po (Y)	38.70722	20.65056	1140	#	#	#	#	#
ULC	Po (Y)	41.9633	19.2497	465	3C-SP	S-13	Smart-24D	RT	1.0
TTG	Po (Y)	42.43020	19.25530	97	#	#	#	#	#
PVY	Po (Y)	42.5950	19.9735	1250	3C-SP	S-13	Smart-24D	RT	1.0
BUM	Po (Y)	42.3008	18.8986	724	3C-SP	S-13	Smart-24D	RT	1.0
BDV	Po (Y)	42.28340	18.82790	385	#	#	#	#	#
IVA	Po (Y)	42.87180	19.89310	996	#	#	#	#	#
KEK	Po (Y)	39.7127	19.7962	227	3C-BB	STS-2	DR24-SC	RT	120
JAN	Po (Y)	39.6561	20.8487	526	3C-BB	CMG-3ESPC/60	DR24-SC	RT	40
KZN	Po (Y)	40.3033	21.7820	791	3C-BB	STS-2	DR24-SC	RT	120
VLS	Po (Y)	38.1768	20.5886	402	3C-BB	Trillium 120	DR24-SC	RT	120
NVR	Po (Y)	41.3484	23.8651	627	3C-BB	CMG-3ESPC/60	DR24-SC	RT	40

Kodi	Regjistruar (Po/Jo)	Gjer. Gjeo.	Gjat. Gjeo.	Lartesia	Tipi i stacionit	Sensori	Terheqja e Informacionit	Komunikimi	T ₀
Station Code	Registered (WDC)	Latitude (degree)	Longitude (degree)	Elev. (m)	Station type	Sensor type	Acquisition system	Communication	Nat.l Period (s)
BRT	Po (Y)	40.8778	17.2036	333	#	#	#	#	#
AMUR	Po (Y)	40.9071	16.6041	443	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
MSAG	Po (Y)	41.712	15.9096	890	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40/120
PTC	Po (Y)	41.7546	15.7437	960	3C-BB	Trillium 40T	Libra VSAT	RT satellite	40
LCI	Po (Y)	40.33461	18.11197	46	#	#	#	#	#
OHR	Po (Y)	41.1114	20.7989	739	#	#	#	#	#
BIA	Po (Y)	41.0194	21.3239	720	#	#	#	#	#
KRUS	Po (Y)	41.3689	21.2488	1015	#	#	#	#	#
SKO	Po (Y)	41.9721	21.4396	346	#	#	#	#	#

Shënim:

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



-Fig. 1-

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

Përshkrimi i terminologjisë së përdorur për parametrat e përftuar
(Output parameter’s description)

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

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

DEPTH	Thellësia vatrore (km) [<i>hypocenter depth in km</i>]
RMS	Shmangia kuadratike mesatare për diferencat e peshuara të kohë-udhëtimin, për Fazat Sizmike, [<i>root mean squarre for the weighted travel time residuals</i>]
ERH	Gabimi horizontal në lokalizim (përafërsisht aksi maksimal i elipsit të gabimit në epiqendër), [<i>horizontal location error, aproximately equal to the major epicenter's error ellipse</i>].
ERZ	Gabimi në thellësi, [<i>Defined as the largest projections of the three principal errors on a vertical line</i>].
XMAG	Magnituda primare bazuar në amplitudë [<i>Primary weighted median amplitude magnitude</i>].
FMAG	Magnituda primare bazuar në zgjatshmërinë e sinjalit [<i>Primary weighted median coda magnitude</i>].
PMAG	Magnituda e përzgjedhur si përfaqësuese, për ngjarjen e lokalizuar [<i>preferred magnitude selected by PRE command, as representative of available magnitudes ML and Md</i>].
NSTA	Numuri i stacioneve të përdorur në lokalizim [<i>the number of stations read for this event</i>].
NPHS	Numuri i fazave të përdorura [<i>Number of used phases in location</i>].
DMIN	Distanca hypoqender-stacioni më i afërt [<i>distance to the nearest station</i>].
MODEL	Modeli shpejtësior i përdorur [<i>velocity crustal model code</i>].
GAP	Shmangia maksimale, këndore, ndërmjet stacioneve të përdorur [<i>the largest azimuthal gap between azimuthally adjacent stations</i>].
ITR	Numri i iteracioneve për zgjidhje [<i>number of iterations required for the solution</i>].
NFM	Numri i hyrjeve të para P [<i>number of P first motions reported</i>].
NWR	Numri i fazave P & S me peshë statistikore > 0.1 [<i>number of P & S readings with weights > 0.1</i>].
NWS	Numri i fazave S me peshë statistikore > 0.1 [<i>number of S-phases with weights > 0.1</i>].
NVR	Numri i fazave P & S, të vlefshme për lokalizim [<i>number of P & S phases valid for location, assigned weights > 0</i>].
QGEO	Cilesia e katalogut bazuar ne gjeometrin e rrjetit sizmologjik [Quality rating based on station geometry]
QLOC	Cilesia e katalogut bazuar ne lokalizimin e ngjarjeve sizmike [Quality rating based on localization of seismic event]
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 përfutur në mënyrë iterative [<i>convergence problems</i>], ose zgjidhje e pa pranueshme me RMS të lartë; (-) – tregon se thellësia është fiksuar [<i>fixed depth solution</i>]; X – lokalizimi i fiksuar për të rritur performancën në llogaritjen e thellësisë [<i>fixed location solution</i>].
AVH	Shënime për statusin [<i>status remarks</i>].
N.XMG	Numri i magnitudave bazuar në amplitudë [<i>number of primary amplitude based magnitudes</i>].
X.MMAD	Gabimi i bërë në vlerësimin e ML [<i>weighted median absolute difference for the primary amplitude magnitudes</i>].
T	Kodi i identifikimit për magnitudën XMAG1 [<i>label code for XMAG1</i>].
N.FMAG	Numri i magnitudave, bazuar në zgjatshmërinë e sinjalit [<i>number of primary coda magnitudes</i>].
FMMAD	Gabimi i bërë në vlerësimin e Md [<i>weighted median absolute difference for the primary coda magnitudes</i>].
T	Kodi i identifikimit për magnitudën FMAG1 [<i>label code for FMAG1</i>].

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-karakte (station code, max 5 characters). (*) –tregon se për këtë stacion është përdorur një model alternative shpejtësie [<i>alternative crustal velocity model used for that station</i>].
NET	Kodi i rrjetit [<i>the network code</i>].
COM	komponentja e përdorur [<i>3 –letters component code</i>]
C	shkurtimi i kodit të rrjetit (1 karakter) [<i>abbreviation for the station code</i>]
R	Shënimi për stacionin [<i>station remark</i>]
DIST	Distanca epiqendrore [<i>epicentral distance</i>]
AZM	Azimuti stacion-hypoqendër [<i>station azimuth in degree</i>]
AN	Këndi i daljes së rezeve valore në sferën vatrore [<i>emergence angle at the hypocenter</i>]
P/S	Kodi i fazave të përcaktuara nga leximi në formën valore [<i>phase code</i>]
WT	Pesha e vlerësimin të fazave [<i>weighted code</i>].
SEC	Koha e vrojtuar për hyrjet valore [<i>observed arrival time</i>]
TOBS	Koha e vrojtuar e udhëtimit vatër-stacion për fazën sizmike [<i>observed travel time</i>]
TCAL	Koha e llogaritur nga modeli i shpejtësisë për udhëtimin vatër-stacion, të fazës sizmike [<i>calculated travel time</i>].
DLY	Vonesa në kohë, karakteristikë për stacionin [<i>station delay</i>].
RES	Diferenca në kohë-përhapjen, model-vrojtim. [<i>Travel time residuals</i>].
WT	Pesha e normalizuar, përfshirë këtu edhe peshën e caktuar dhënë më sipër [<i>normalized weight</i>].
SR	Kodi i burimit (1 karakter), që zakonisht i referohet rrjetit [<i>1 letter source code</i>]
R	Shënime lidhur me formën valore (sizmogramën), mbartur nga të dhënat fazore [<i>Seismogram remark</i>].
INFO	Informacioni për rëndësinë e kontributit të stacionit apo fazës në zgjidhjen e përgjithshme [<i>the information of the importance of contribution</i>].
CAL	Faktori korigjues që përdoret në llogaritjen e magnitudës [<i>calibration factor for magnitude calculation</i>].
DUR	Zgjatshmëria e fazës koda (s) [<i>coda duration i sec</i>]
W	Kodi i peshimit 0-4 për magnitudën bazuar në zgjatshmërinë e sinjalit, Md, [<i>duration magnitude weight code</i>].
FMAG	Magnituda Md, për stacionin [<i>duration magnitude for that station</i>].
T	Kodi për llojin e magnitudës [<i>the magnitude type code assigned by FC1 & FC2 commands</i>].
AMP	amplituda maksimale (pik-pik) [<i>peak to peak maximum amplitude</i>]
U	Kodi për njësinë e përdorur për amplitudën M – mm, C – counts, etj. [<i>amplitude units code</i>]
PER	Perioda (s), ku është matur A_{max} , [<i>max amplitude corresponding period in sec.</i>].
W	Kodi i peshimit 0-9, për magnitudën, bazuar ne amplitude, [<i>amplitude based magnitude weight code</i>].
XMAG	Magnituda bazuar në amplitude, për stacionin, [<i>amplitude magnitude for that station</i>].
T	Kodi për llojin e magnitudës [<i>the magnitude type code assigned by XC1 & XC2 commands</i>].

Tërmetet Lokalë (Parametric Data for Albanian local Events)

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1551187391 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 342 Mediterranean Sea; 26 km from Moni Strofadon, Ionian Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2019/02/01	05:01:48.97		0.39	37.4002	20.7870				5.4	3.5	17	16	300	1.39	4.99	m	
384																	

Magnitude	Err	Nsta	Author	OrigID
Ml	4.2	0.0	5	384
Md	3.9	0.0	2	384

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
LKD2	1.39	356.0	Sn	05:02:36.389	-0.0									m		5815
LKD2	1.39	356.0	Pn	05:02:15.945	-0.1									mci		5814
LKD2	1.39	356.0	AMl	05:02:36.760								40.1	0.68	a	Ml	4.7
LKD2	1.39	356.0	AMd	05:05:03.515								0.0	167.57	a	Md	4.0
IGT	2.16	351.0	Sn	05:02:57.450	-1.8									m		5817
IGT	2.16	351.0	Pn	05:02:29.396	0.3									mci		5816
IGT	2.16	351.0	AMl	05:03:05.060								4.5	0.70	a	Ml	4.2
IGT	2.16	351.0	AMd	05:05:58.468								0.0	209.07	a	Md	3.7
SRN	2.55	347.0	S	05:03:09.532	-0.5									m		5819
SRN	2.55	347.0	P	05:02:35.703	0.4									m		5818
SRN	2.55	347.0	AMl	05:03:15.070								1.5	0.52	a	Ml	3.9
LSK	2.75	357.0	S	05:03:14.693	0.4									m		5821
LSK	2.75	357.0	P	05:02:38.876	1.2									m		5820
LSK	2.75	357.0	AMl	05:03:36.590								8.4	0.74	a	Ml	4.8
NEST	3.02	3.0	P	05:02:41.825	0.1									m		5822
KBN	3.22	0.0	P	05:02:44.454	0.2									m		5823
VLO	3.22	343.0	P	05:02:44.509	0.4									m		5824
SCTE	3.23	327.0	P	05:02:44.504	-0.4									m		5825
FNA	3.41	7.0	P	05:02:47.545	0.0									m		5826
BPA1	3.43	346.0	P	05:02:48.179	0.3									m		5827
THE	3.64	27.0	S	05:03:39.056	1.5									m		5829
THE	3.64	27.0	P	05:02:50.631	-0.4									m		5828
TIR	4.10	0.0	P	05:02:55.631	0.0									m		5834
PHP	4.29	357.0	P	05:02:59.023	-1.1									m		5830
PUK	4.69	352.0	S	05:04:04.141	0.0									m		5832

PUK	4.69	352.0	P	05:03:04.466	-1.7	---									m		5831		
PUK	4.69	352.0	AM1	05:04:31.920		---								0.6	0.58	a	M1	4.2	3284
BCI	4.99	354.0	P	05:03:09.855	-0.8	---										m		5833	

DATA_TYPE COMMENT GSE2.1
Event 342

Official Magnitude:
M1 4.21

Error ellipse:

	Azim	Dip	Mag
Max:	163	49	4.5100
Intermediate:	258	3	3.1000
Min:	350	41	1.3800

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187390 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 357 2.9 km from Zall-Gjoçaj, Dibër, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/03	15:55:04.43		0.12	41.7233	20.1788				19.4	0.6	14	30	108	0.20	1.75	m	
399																	

Magnitude	Err	Nsta	Author	OrigID
M1	2.3	0.0	4	399
Md	2.2	0.0	2	399

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
PHP	0.20	101.0	S	15:55:13.090	-0.1					---						m	5973
PHP	0.20	101.0	P	15:55:09.557	0.1					---						m	5972
PHP	0.20	101.0	AM1	15:55:13.580						---		10.1	0.22	a	M1	3.0	3341
PHP	0.20	101.0	AMd	15:55:33.367						---		0.0	23.81	a	Md	2.0	3339
PUK	0.38	0.0	P	15:55:12.480	0.0					---						m	5989
PUK	0.38	327.0	S	15:55:18.775	-0.0					---						m	5974
PUK	0.38	327.0	AM1	15:55:21.090						---		1.2	0.18	a	M1	2.2	3342
TIR	0.44	213.0	S	15:55:20.901	0.0					---						m	5976
TIR	0.44	213.0	P	15:55:13.817	-0.0					---						m	5975
BCI	0.65	353.0	P	15:55:16.081	-1.3					---						m	5978
BCI	0.65	353.0	S	15:55:27.156	0.0					---						m	5977
BCI	0.65	353.0	AM1	15:55:27.620						---		0.5	0.42	a	M1	2.2	3343
BCI	0.65	353.0	AMd	15:55:50.295						---		0.0	34.21	a	Md	2.4	3340
ULC	0.73	290.0	P	15:55:18.862	-0.2					---						m	5979
DRME	0.87	303.0	P	15:55:21.309	-0.2					---						m	5980

BUM	1.11	302.0	P	15:55:26.001	0.2	---	m	5981
CEME	1.25	312.0	P	15:55:27.381	-0.8	---	m	5982
FNA	1.31	135.0	S	15:55:47.626	-0.2	---	m	5984
FNA	1.31	135.0	P	15:55:29.324	0.1	---	m	5983
FNA	1.31	135.0	AM1	15:55:50.930		---	0.2 0.38 a M1 2.4	3344
NKME	1.38	320.0	P	15:55:31.638	1.1	---	m	5985
NEST	1.46	153.0	S	15:55:52.608	-0.0	---	m	5987
NEST	1.46	153.0	P	15:55:32.121	0.1	---	m	5986
UPM	1.75	329.0	P	15:55:37.083	0.1	---	m	5988

DATA_TYPE COMMENT GSE2.1
Event 357

Official Magnitude:
M1 2.31

Error ellipse:

	Azim	Dip	Mag
Max:	76	82	0.6000
Intermediate:	234	6	0.4800
Min:	324	3	0.2800

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187390 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 358 1.2 km from Krekëz, Vlorë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/03	21:39:26.93		0.22	39.9257	19.9977				0.8	1.1	11	31	148	0.04	1.36	m	400

Magnitude	Err	Nsta	Author	OrigID
M1	1.7	0.0	2	400
Md	1.9	0.0	1	400

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
SRN	0.05	177.0	S	21:39:29.929	0.4					---				m		5991	
SRN	0.05	177.0	P	21:39:27.957	-0.5					---				m		5990	
SRN	0.05	177.0	AM1	21:39:30.830						---		2.4	0.10	a	M1	1.7	3347
SRN	0.05	177.0	AM1	21:39:31.360						---		1.5	0.08	a	M1	1.5	3346
SRN	0.05	177.0	AMd	21:39:50.337						---		0.0	22.38	a	Md	1.9	3345
IGT	0.47	146.0	S	21:39:44.570	-0.1					---				m		5993	
IGT	0.47	146.0	P	21:39:35.705	-1.4					---				m		5992	
LSK	0.51	63.0	S	21:39:45.756	-0.1					---				m		5995	
LSK	0.51	63.0	P	21:39:36.768	-1.0					---				m		5994	

VLO	0.66	325.0	P	21:39:40.128	0.0	---	m	5997
VLO	0.66	325.0	S	21:39:49.981	0.0	---	m	5996
NEST	0.94	58.0	S	21:40:00.609	0.2	---	m	5999
NEST	0.94	58.0	P	21:39:45.049	-1.0	---	m	5998
FNA	1.36	50.0	S	21:40:14.503	0.0	---	m	6001
FNA	1.36	50.0	P	21:39:54.123	0.0	---	m	6000
FNA	1.36	50.0	AM1	21:40:18.790		---	0.1 0.32 a M1 2.2	3348

DATA_TYPE COMMENT GSE2.1
Event 358

Official Magnitude:
M1 1.74

Error ellipse:

	Azim	Dip	Mag
Max:	219	63	1.1700
Intermediate:	103	12	0.4900
Min:	8	24	0.3200

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187389 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 360 1.5 km from Patin, Dibër, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/04	17:17:09.27		0.05	41.5632	20.1130				19.7	0.5	16	16	82	0.27	1.50	m	
402																	

Magnitude	Err	Nsta	Author	OrigID
M1	2.6	0.0	6	402
Md	3.1	0.0	9	402

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
PHP	0.27	63.0	S	17:17:20.141	0.0					---				m		6028
PHP	0.27	63.0	P	17:17:15.395	-0.1					---				m		6027
PHP	0.27	63.0	AM1	17:17:21.560						---		4.3	0.14	a M1	2.7	3370
PHP	0.27	63.0	AMd	17:18:08.728						---		0.0	53.33	a Md	2.8	3361
TIR	0.29	221.0	S	17:17:20.863	-0.1					---				m		6030
TIR	0.29	221.0	P	17:17:16.020	0.1					---				m		6029
TIR	0.29	221.0	AM1	17:17:24.760						---		0.9	0.26	a M1	2.0	3371
TIR	0.29	221.0	AMd	17:18:13.103						---		0.0	57.08	a Md	2.9	3362
PUK	0.51	342.0	S	17:17:27.489	-0.0					---				m		6032
PUK	0.51	342.0	P	17:17:19.770	0.1					---				m		6031
PUK	0.51	342.0	AM1	17:17:31.360						---		2.0	0.36	a M1	2.6	3372

PUK	0.51	342.0	AMd	17:18:20.811						0.0	61.04	a__	Md	3.0	3363
ULC	0.76	303.0	P	17:17:24.319	0.0							m__			6033
ULC	0.76	303.0	AMd	17:18:24.353						0.0	60.03	a__	Md	3.0	3364
BCI	0.80	0.0	P	17:17:24.770	0.0							m__			6043
BCI	0.80	358.0	S	17:17:36.813	0.0							m__			6034
BCI	0.80	358.0	AMl	17:17:38.880						0.8	0.48	a__	Ml	2.5	3373
PVY	1.04	355.0	P	17:17:29.145	-0.1							m__			6035
PVY	1.04	355.0	AMd	17:18:45.186						0.0	76.04	a__	Md	3.2	3365
FNA	1.24	128.0	S	17:17:50.353	-0.1							m__			6037
FNA	1.24	128.0	P	17:17:32.838	0.1							m__			6036
FNA	1.24	128.0	AMl	17:17:51.690						0.4	0.58	a__	Ml	2.6	3374
FNA	1.24	128.0	AMd	17:18:46.023						0.0	73.18	a__	Md	3.2	3366
NEST	1.35	148.0	S	17:17:53.912	0.0							m__			6039
NEST	1.35	148.0	P	17:17:34.796	0.0							m__			6038
NEST	1.35	148.0	AMl	17:18:00.290						0.3	0.40	a__	Ml	2.5	3375
NEST	1.35	148.0	AMd	17:18:51.645						0.0	76.85	a__	Md	3.2	3367
LSK	1.46	165.0	S	17:17:57.093	0.0							m__			6041
LSK	1.46	165.0	P	17:17:36.528	-0.1							m__			6040
LSK	1.46	165.0	AMd	17:19:03.728						0.0	87.20	a__	Md	3.4	3368
HCY	1.50	307.0	P	17:17:37.431	0.0							m__			6042
HCY	1.50	307.0	AMd	17:18:42.895						0.0	65.46	a__	Md	3.1	3369

DATA_TYPE COMMENT GSE2.1
Event 360

Official Magnitude:
Ml 2.57

Error ellipse:

	Azim	Dip	Mag
Max:	299	79	0.5100
Intermediate:	69	6	0.3400
Min:	160	8	0.2200

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187388 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 365 1.7 km from Kasnicë, Fier, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/05	18:51:00.07		0.42	40.6158	19.6487				18.3	1.6	19	15	95	0.19	2.26	m	407

Magnitude	Err	Nsta	Author	OrigID
Ml	2.6	0.0	8	407

Md 3.0 0.0 2 407

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
VLO	0.19	219.0	Sg	18:51:07.722	0.1									m		6137
VLO	0.19	219.0	Pg	18:51:04.546	0.2									mdi		6136
VLO	0.19	219.0	AMl	18:51:11.820								43.6	0.20	a	Ml	3.6
VLO	0.19	219.0	AMd	18:52:01.523								0.0	56.98	a	Md	2.9
TIR	0.75	0.0	P	18:51:12.614	0.0									m		6157
TIR	0.75	12.0	S	18:51:26.668	0.5									m		6138
SRN	0.78	159.0	Sn	18:51:28.207	0.3									m		6140
SRN	0.78	159.0	Pn	18:51:15.286	-0.7									mde		6139
SRN	0.78	159.0	AMl	18:51:31.960								0.4	0.34	a	Ml	2.2
SRN	0.78	159.0	AMd	18:52:25.236								0.0	69.95	a	Md	3.1
LSK	0.86	122.0	S	18:51:29.169	-0.3									m		6142
LSK	0.86	122.0	P	18:51:15.749	-1.1									m		6141
LSK	0.86	122.0	AMl	18:51:35.390								1.1	0.54	a	Ml	2.7
SCTE	1.05	240.0	S	18:51:35.670	0.1									m		6144
SCTE	1.05	240.0	P	18:51:20.021	-0.3									m		6143
NEST	1.09	100.0	S	18:51:36.755	0.1									m		6146
NEST	1.09	100.0	P	18:51:19.299	-1.7									m		6145
NEST	1.09	100.0	AMl	18:51:42.430								0.5	0.48	a	Ml	2.5
IGT	1.20	154.0	S	18:51:40.457	0.2									m		6148
IGT	1.20	154.0	P	18:51:23.977	0.9									m		6147
IGT	1.20	154.0	AMl	18:51:43.670								0.4	0.50	a	Ml	2.6
PHP	1.22	29.0	S	18:51:40.625	0.2									m		6150
PHP	1.22	29.0	P	18:51:22.345	-0.8									m		6149
PHP	1.22	29.0	AMl	18:51:44.260								0.3	0.70	a	Ml	2.4
FNA	1.33	82.0	S	18:51:44.477	0.3									m		6152
FNA	1.33	82.0	P	18:51:23.307	-2.0									m		6151
FNA	1.33	82.0	AMl	18:51:47.200								1.6	0.42	a	Ml	3.3
PUK	1.44	7.0	S	18:51:47.488	0.2									m		6154
PUK	1.44	7.0	P	18:51:26.595	-0.5									m		6153
PUK	1.44	7.0	AMl	18:51:52.660								0.3	0.32	a	Ml	2.7
HCY	2.03	335.0	P	18:51:37.721	0.8									m		6155
BEY	2.26	4.0	P	18:51:39.810	-0.5									m		6156

DATA_TYPE COMMENT GSE2.1
Event 365

Official Magnitude:
Ml 2.62

Error ellipse:

	Azim	Dip	Mag
Max:	247	72	1.6200
Intermediate:	109	12	0.7000
Min:	17	12	0.5500

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1551187388 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 368 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/06	16:23:30.77		0.06	40.4018	20.0788				16.4	0.7	17	13	72	0.45	1.64	m	
410																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.6	0.0	9	410
Md	3.0	0.0	10	410

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
VLO	0.45	279.0	Sg	16:23:46.041	0.0					---				m		6193	
VLO	0.45	279.0	Pg	16:23:39.509	0.0					---				m		6192	
VLO	0.45	279.0	AMl	16:23:52.830						---		7.0	0.32	a	Ml	3.0	3478
VLO	0.45	279.0	AMd	16:24:32.618						---		0.0	53.11	a	Md	2.8	3468
LSK	0.47	0.0	Pg	16:23:39.076	0.0					---				m		6212	
LSK	0.47	122.0	Sg	16:23:47.665	-0.0					---				m		6194	
LSK	0.47	122.0	AMl	16:23:54.430						---		1.7	0.48	a	Ml	2.5	3479
SRN	0.52	187.0	Sg	16:23:50.263	-0.0					---				m		6196	
SRN	0.52	187.0	Pg	16:23:41.459	-0.5					---				m		6195	
SRN	0.52	187.0	AMl	16:23:52.860						---		0.6	0.44	a	Ml	2.1	3480
SRN	0.52	187.0	AMd	16:24:43.451						---		0.0	61.99	a	Md	3.0	3469
KBN	0.58	67.0	Sg	16:23:50.753	0.0					---				m		6198	
KBN	0.58	67.0	Pg	16:23:42.196	0.0					---				m		6197	
KBN	0.58	67.0	AMl	16:23:52.720						---		1.5	0.42	a	Ml	2.6	3481
KBN	0.58	67.0	AMd	16:24:38.868						---		0.0	56.67	a	Md	2.9	3470
NEST	0.74	88.0	Sg	16:23:56.671	-0.0					---				m		6200	
NEST	0.74	88.0	Pg	16:23:45.308	-0.3					---				m		6199	
NEST	0.74	88.0	AMl	16:23:58.310						---		0.5	0.38	a	Ml	2.3	3482
NEST	0.74	88.0	AMd	16:25:04.076						---		0.0	78.77	a	Md	3.2	3471
IGT	0.89	167.0	Sg	16:24:01.464	-0.0					---				m		6202	
IGT	0.89	167.0	Pg	16:23:48.326	0.0					---				m		6201	
IGT	0.89	167.0	AMd	16:24:59.705						---		0.0	71.38	a	Md	2.5	3472
TIR	0.96	351.0	Sg	16:24:03.645	0.1					---				m		6204	
TIR	0.96	351.0	Pg	16:23:49.360	-0.2					---				m		6203	
TIR	0.96	351.0	AMl	16:24:08.860						---		0.5	0.38	a	Ml	2.4	3483
TIR	0.96	351.0	AMd	16:24:50.118						---		0.0	60.76	a	Md	3.0	3473
FNA	1.06	68.0	Sg	16:24:06.878	0.0					---				m		6206	
FNA	1.06	68.0	Pg	16:23:50.809	-0.6					---				m		6205	
FNA	1.06	68.0	AMl	16:24:12.450						---		1.1	0.34	a	Ml	2.9	3484
FNA	1.06	68.0	AMd	16:24:53.663						---		0.0	62.85	a	Md	3.0	3474
SCTE	1.27	256.0	Pg	16:23:55.162	0.0					---				m		6207	
SCTE	1.27	256.0	AMd	16:25:01.785						---		0.0	66.62	a	Md	3.1	3475
PHP	1.31	11.0	Sg	16:24:14.115	0.1					---				m		6209	

PHP	1.31	11.0	Pg	16:23:55.428	-0.0	---														m					6208
PHP	1.31	11.0	AM1	16:24:18.070		---															a	M1	2.8		3485
PHP	1.31	11.0	AMd	16:24:59.701		---															a	Md	3.1		3476
PUK	1.64	356.0	Sn	16:24:24.528	-0.1	---															m				6211
PUK	1.64	356.0	Pn	16:24:00.993	-0.6	---															m				6210
PUK	1.64	356.0	AM1	16:24:26.390		---															a	M1	3.0		3486
PUK	1.64	356.0	AMd	16:25:03.868		---															a	Md	3.1		3477

DATA_TYPE COMMENT GSE2.1
Event 368

Official Magnitude:
M1 2.57

Error ellipse:

	Azim	Dip	Mag
Max:	179	82	0.7400
Intermediate:	77	1	0.2400
Min:	347	8	0.2200

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187387 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 372 2.7 km from Psarades, West Macedonia, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
OrigID																		
2019/02/07	15:24:56.85		0.04	40.8097	21.0147				15.2	0.6	20	15	119	0.25	2.08	m		
412																		

Magnitude	Err	Nsta	Author	OrigID
M1	3.0	0.0	10	412
Md	3.0	0.0	13	412

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
KBN	0.25	224.0	Sg	15:25:06.223	0.0					---						m	6214
KBN	0.25	224.0	Pg	15:25:02.222	0.0					---						m	6213
KBN	0.25	224.0	AM1	15:25:07.520						---		11.0	0.22	a	M1	3.0	3500
KBN	0.25	224.0	AMd	15:25:55.587						---		0.0	53.36	a	Md	2.8	3487
FNA	0.28	95.0	Sg	15:25:07.865	-0.0					---						m	6216
FNA	0.28	95.0	Pg	15:25:03.184	0.0					---						m	6215
FNA	0.28	95.0	AM1	15:25:09.910						---		28.6	0.16	a	M1	3.5	3501
FNA	0.28	95.0	AMd	15:25:38.791						---		0.0	35.61	a	Md	2.4	3488
NEST	0.39	176.0	Sg	15:25:11.461	-0.0					---						m	6218
NEST	0.39	176.0	Pg	15:25:05.224	0.0					---						m	6217
NEST	0.39	176.0	AM1	15:25:15.080						---		7.8	0.18	a	M1	3.0	3502

NEST	0.39	176.0	AMd	15:25:55.097		0.0	49.87	a	Md	2.7	3489
LSK	0.73	206.0	Sg	15:25:22.198	-0.0			m			6220
LSK	0.73	206.0	Pg	15:25:11.329	-0.0			m			6219
LSK	0.73	206.0	AMl	15:25:25.590		4.6	0.50	a	Ml	3.2	3503
LSK	0.73	206.0	AMd	15:26:21.519		0.0	70.19	a	Md	3.1	3490
PHP	0.97	334.0	Sg	15:25:29.736	-0.1			m			6222
PHP	0.97	334.0	Pg	15:25:15.728	0.1			m			6221
PHP	0.97	334.0	AMl	15:25:33.780		0.8	0.38	a	Ml	2.7	3504
PHP	0.97	334.0	AMd	15:26:17.441		0.0	61.71	a	Md	3.0	3491
TIR	1.02	303.0	Sg	15:25:31.727	-0.0			m			6224
TIR	1.02	303.0	Pg	15:25:15.981	-0.8			m			6223
TIR	1.02	303.0	AMl	15:25:37.900		0.7	0.38	a	Ml	2.6	3505
TIR	1.02	303.0	AMd	15:26:14.995		0.0	59.01	a	Md	3.0	3492
VLO	1.21	255.0	Pg	15:25:19.363	0.0			m			6225
VLO	1.21	255.0	AMd	15:26:28.695		0.0	69.33	a	Md	3.1	3493
SRN	1.21	221.0	Sn	15:25:37.427	-0.8			m			6227
SRN	1.21	221.0	Pn	15:25:20.484	-0.0			m			6226
SRN	1.21	221.0	AMl	15:25:43.020		0.8	0.62	a	Ml	2.8	3506
SRN	1.21	221.0	AMd	15:26:27.064		0.0	66.58	a	Md	3.1	3494
IGT	1.38	203.0	Sn	15:25:42.836	-0.0			m			6229
IGT	1.38	203.0	Pn	15:25:23.134	-0.0			m			6228
IGT	1.38	203.0	AMd	15:26:36.365		0.0	73.23	a	Md	2.6	3495
THE	1.49	96.0	Sn	15:25:45.256	-1.1			m			6231
THE	1.49	96.0	Pn	15:25:25.084	-0.0			m			6230
THE	1.49	96.0	AMl	15:25:50.100		0.3	0.58	a	Ml	2.6	3507
THE	1.49	96.0	AMd	15:26:25.759		0.0	60.68	a	Md	3.0	3496
PUK	1.49	326.0	Sn	15:25:46.188	0.0			m			6233
PUK	1.49	326.0	Pn	15:25:24.925	-0.1			m			6232
PUK	1.49	326.0	AMl	15:25:54.870		0.9	0.44	a	Ml	3.1	3508
PUK	1.49	326.0	AMd	15:26:43.373		0.0	78.45	a	Md	3.3	3497
BCI	1.71	0.0	Pn	15:25:29.981	0.0			md			6237
BCI	1.71	336.0	Sn	15:25:52.938	0.0			m			6234
BCI	1.71	336.0	AMl	15:26:02.620		1.1	0.84	a	Ml	3.3	3509
LKD2	2.04	188.0	Pn	15:25:34.221	0.1			m			6235
LKD2	2.04	188.0	AMd	15:27:05.554		0.0	91.33	a	Md	3.5	3498
SCTE	2.08	251.0	Pn	15:25:33.161	-1.6			m			6236
SCTE	2.08	251.0	AMd	15:26:54.790		0.0	81.63	a	Md	3.4	3499

DATA_TYPE COMMENT GSE2.1
Event 372

Official Magnitude:
Ml 3.03

Error ellipse:

	Azim	Dip	Mag
Max:	130	73	0.6700
Intermediate:	255	9	0.2800
Min:	347	14	0.1900

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1551187387 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 373 3.2 km from Psarades, West Macedonia, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/07	16:19:56.87		0.04	40.8250	20.9935				9.1	0.7	18	13	121	0.25	2.07	m	

OrigID
413

Magnitude	Err	Nsta	Author	OrigID
Ml	2.8	0.0	8	413
Md	2.9	0.0	11	413

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
KBN	0.25	218.0	Sg	16:20:05.742	0.0					---				m		6239	
KBN	0.25	218.0	Pg	16:20:01.969	0.0					---				m		6238	
KBN	0.25	218.0	AMl	16:20:07.310						---		5.6	0.24	a	Ml	2.7	3521
KBN	0.25	218.0	AMd	16:20:41.498						---		0.0	39.53	a	Md	2.5	3510
FNA	0.30	98.0	Sg	16:20:08.040	0.0					---				m		6241	
FNA	0.30	98.0	Pg	16:20:03.263	0.0					---				m		6240	
FNA	0.30	98.0	AMl	16:20:09.350						---		7.2	0.20	a	Ml	2.9	3522
FNA	0.30	98.0	AMd	16:20:37.829						---		0.0	34.57	a	Md	2.4	3511
NEST	0.41	174.0	Sg	16:20:11.808	0.0					---				m		6243	
NEST	0.41	174.0	Pg	16:20:05.386	0.0					---				m		6242	
NEST	0.41	174.0	AMl	16:20:13.410						---		5.3	0.30	a	Ml	2.9	3523
NEST	0.41	174.0	AMd	16:20:48.954						---		0.0	43.57	a	Md	2.6	3512
LSK	0.74	205.0	Sg	16:20:22.490	0.0					---				m		6245	
LSK	0.74	205.0	Pg	16:20:11.506	0.0					---				m		6244	
LSK	0.74	205.0	AMl	16:20:25.370						---		2.1	0.52	a	Ml	2.9	3524
LSK	0.74	205.0	AMd	16:21:10.390						---		0.0	58.88	a	Md	2.9	3513
PHP	0.95	335.0	Sg	16:20:29.386	-0.0					---				m		6247	
PHP	0.95	335.0	Pg	16:20:15.422	-0.0					---				m		6246	
PHP	0.95	335.0	AMl	16:20:33.530						---		0.4	0.38	a	Ml	2.4	3525
PHP	0.95	335.0	AMd	16:21:07.518						---		0.0	52.10	a	Md	2.8	3514
TIR	1.00	302.0	Sg	16:20:31.434	0.0					---				m		6249	
TIR	1.00	302.0	Pg	16:20:16.652	0.0					---				m		6248	
TIR	1.00	302.0	AMl	16:20:41.420						---		0.2	1.10	a	Ml	2.1	3526
TIR	1.00	302.0	AMd	16:21:13.034						---		0.0	56.38	a	Md	2.9	3515
SRN	1.21	220.0	Pn	16:20:20.822	-0.1					---				m		6250	
SRN	1.21	220.0	AMd	16:21:22.989						---		0.0	62.17	a	Md	3.0	3516
IGT	1.39	202.0	Sn	16:20:43.823	0.0					---				m		6252	
IGT	1.39	202.0	Pn	16:20:23.673	-0.0					---				m		6251	
IGT	1.39	202.0	AMd	16:21:38.260						---		0.0	74.59	a	Md	2.6	3517
PUK	1.47	327.0	Sn	16:20:46.170	0.0					---				m		6254	
PUK	1.47	327.0	Pn	16:20:24.949	-0.1					---				m		6253	

PUK	1.47	327.0	AMl	16:20:52.510	---	0.4	0.48	a__	Ml	2.8	3527
PUK	1.47	327.0	AMd	16:21:33.595	---	0.0	68.65	a__	Md	3.1	3518
THE	1.51	96.0	Pn	16:20:24.106	-1.7	---	---	m__	---	---	6255
THE	1.51	96.0	AMd	16:21:25.559	---	0.0	61.45	a__	Md	3.0	3519
BCI	1.69	0.0	Pn	16:20:29.948	0.0	---	---	m__	---	---	6258
BCI	1.69	337.0	Sn	16:20:53.030	0.1	---	---	m__	---	---	6256
BCI	1.69	337.0	AMl	16:21:02.360	---	0.4	0.86	a__	Ml	2.9	3528
SCTE	2.07	250.0	Pn	16:20:33.973	-1.3	---	---	m__	---	---	6257
SCTE	2.07	250.0	AMd	16:21:48.757	---	0.0	74.78	a__	Md	3.3	3520

DATA_TYPE COMMENT GSE2.1
Event 373

Official Magnitude:
Ml 2.81

Error ellipse:

	Azim	Dip	Mag
Max:	120	81	0.7400
Intermediate:	257	5	0.3000
Min:	347	6	0.1900

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187387 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 374 1.1 km from Kozel, Korçë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/07	20:54:05.89		0.02	40.4542	20.7357				11.2	0.8	13	12	114	0.17	1.71	m	414

Magnitude	Err	Nsta	Author	OrigID
Ml	2.5	0.0	6	414
Md	2.8	0.0	7	414

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
KBN	0.17	0.0	Pg	20:54:09.755	0.0	---	---	---	---	---	---	---	---	m__	---	6273	
KBN	0.17	13.0	Sg	20:54:12.343	-0.0	---	---	---	---	---	---	---	---	m__	---	6259	
KBN	0.17	13.0	AMl	20:54:15.550	---	---	---	---	---	---	---	3.4	0.14	a__	Ml	2.4	3536
NEST	0.24	99.0	Sg	20:54:15.312	-0.0	---	---	---	---	---	---	---	---	m__	---	6261	
NEST	0.24	99.0	Pg	20:54:11.252	-0.0	---	---	---	---	---	---	---	---	m__	---	6260	
NEST	0.24	99.0	AMl	20:54:18.160	---	---	---	---	---	---	---	4.5	0.34	a__	Ml	2.6	3537
NEST	0.24	99.0	AMd	20:54:49.035	---	---	---	---	---	---	---	0.0	37.78	a__	Md	2.5	3529
LSK	0.32	200.0	Sg	20:54:17.688	0.0	---	---	---	---	---	---	---	---	m__	---	6263	
LSK	0.32	200.0	Pg	20:54:12.329	-0.3	---	---	---	---	---	---	---	---	m__	---	6262	

LSK	0.32	200.0	AMl	20:54:27.820	---	3.0	0.52	a_	Ml	2.5	3538
LSK	0.32	200.0	AMd	20:55:05.617	---	0.0	53.29	a_	Md	2.8	3530
FNA	0.59	56.0	Sg	20:54:26.867	0.0	---	---	m_	---	---	6265
FNA	0.59	56.0	Pg	20:54:17.872	0.0	---	---	m_	---	---	6264
FNA	0.59	56.0	AMl	20:54:29.500	---	2.1	0.26	a_	Ml	2.7	3539
FNA	0.59	56.0	AMd	20:55:06.239	---	0.0	48.37	a_	Md	2.7	3531
SRN	0.80	225.0	Sn	20:54:34.550	-0.0	---	---	m_	---	---	6267
SRN	0.80	225.0	Pn	20:54:22.300	0.0	---	---	m_	---	---	6266
SRN	0.80	225.0	AMl	20:54:38.480	---	0.2	0.50	a_	Ml	1.8	3540
SRN	0.80	225.0	AMd	20:55:24.900	---	0.0	62.60	a_	Md	3.0	3532
IGT	0.97	199.0	Sn	20:54:39.527	-0.0	---	---	m_	---	---	6269
IGT	0.97	199.0	Pn	20:54:25.139	0.0	---	---	m_	---	---	6268
IGT	0.97	199.0	AMd	20:55:28.418	---	0.0	63.28	a_	Md	2.4	3533
PHP	1.25	350.0	Sn	20:54:47.769	0.0	---	---	m_	---	---	6271
PHP	1.25	350.0	Pn	20:54:29.779	-0.0	---	---	m_	---	---	6270
PHP	1.25	350.0	AMl	20:54:50.460	---	0.1	0.60	a_	Ml	1.8	3541
PHP	1.25	350.0	AMd	20:55:34.532	---	0.0	64.75	a_	Md	3.1	3534
PUK	1.71	339.0	Pn	20:54:38.167	0.0	---	---	m_	---	---	6272
PUK	1.71	339.0	AMd	20:55:46.923	---	0.0	68.76	a_	Md	3.2	3535

DATA_TYPE COMMENT GSE2.1
Event 374

Official Magnitude:
Ml 2.47

Error ellipse:

	Azim	Dip	Mag
Max:	114	71	0.8100
Intermediate:	300	18	0.3300
Min:	209	2	0.2000

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187387 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 375 1.4 km from Librazhd, Elbasan, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/07	22:06:41.71		0.03	41.1825	20.2993				16.6	0.6	18	16	130	0.37	2.16	m	
415																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.1	0.0	8	415
Md	2.7	0.0	2	415

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
TIR	0.37	0.0	Pg	22:06:49.245	0.0					---						6294	
TIR	0.37	297.0	Sg	22:06:55.548	0.0					---						6274	
TIR	0.37	297.0	AM1	22:06:55.480						---		0.8	0.14	a__	M1	2.0	3544
PHP	0.51	11.0	Sg	22:06:59.764	0.1					---						6276	
PHP	0.51	11.0	Pg	22:06:51.962	-0.0					---						6275	
PHP	0.51	11.0	AM1	22:07:01.000						---		0.1	0.24	a__	M1	1.4	3545
PHP	0.51	11.0	AMd	22:07:36.091						---		0.0	44.13	a__	Md	2.6	3542
KBN	0.67	146.0	Sg	22:07:04.476	0.0					---						6278	
KBN	0.67	146.0	Pg	22:06:54.709	-0.0					---						6277	
KBN	0.67	146.0	AM1	22:07:08.090						---		0.4	0.40	a__	M1	2.1	3546
KBN	0.67	146.0	AMd	22:07:46.382						---		0.0	51.67	a__	Md	2.8	3543
PUK	0.91	341.0	Sn	22:07:12.831	0.0					---						6280	
PUK	0.91	341.0	Pn	22:06:59.286	-0.2					---						6279	
PUK	0.91	341.0	AM1	22:07:14.800						---		0.5	0.42	a__	M1	2.4	3547
FNA	0.91	115.0	Sn	22:07:13.117	0.0					---						6282	
FNA	0.91	115.0	Pn	22:06:59.360	-0.3					---						6281	
FNA	0.91	115.0	AM1	22:07:17.040						---		0.2	0.32	a__	M1	2.1	3548
NEST	0.96	143.0	S	22:07:14.414	0.0					---						6284	
NEST	0.96	143.0	P	22:07:00.395	0.0					---						6283	
NEST	0.96	143.0	AM1	22:07:16.330						---		0.1	0.36	a__	M1	1.9	3549
LSK	1.06	167.0	S	22:07:17.295	-0.0					---						6286	
LSK	1.06	167.0	P	22:07:02.053	-0.0					---						6285	
LSK	1.06	167.0	AM1	22:07:23.640						---		0.3	0.64	a__	M1	2.3	3550
BCI	1.20	352.0	S	22:07:21.663	-0.0					---						6288	
BCI	1.20	352.0	P	22:07:04.552	0.0					---						6287	
BCI	1.20	352.0	AM1	22:07:23.420						---		0.3	0.64	a__	M1	2.4	3551
PVY	1.43	351.0	P	22:07:08.507	-0.3					---						6289	
CEME	1.71	324.0	P	22:07:13.728	-0.0					---						6290	
BEY	1.71	351.0	P	22:07:13.823	0.0					---						6291	
HCY	1.85	314.0	P	22:07:16.201	0.1					---						6292	
BRY	2.16	324.0	P	22:07:20.633	-0.0					---						6293	

DATA_TYPE COMMENT GSE2.1
Event 375

Official Magnitude:
M1 2.10

Error ellipse:
Azim Dip Mag
Max: 273 85 0.6400
Intermediate: 62 4 0.4200
Min: 152 3 0.1700

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187386 athena

DATA_TYPE BULLETIN GSE2.1:SHORT

Event 384 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/09	12:43:28.16		0.04	39.7972	20.8198				7.1	9.5	14	9	165	0.39	2.63	m	

Magnitude	Err	Nsta	Author	OrigID
Ml	3.1	0.0	7	424
Md	2.6	0.0	8	424

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
LSK	0.39	335.0	S	12:43:42.125	0.0					---				m		6387
LSK	0.39	335.0	P	12:43:36.158	0.0					---				m		6386
LSK	0.39	335.0	AMl	12:43:46.400						---		34.4	0.54	a	Ml	3.6
LSK	0.39	335.0	AMd	12:44:05.208						---		0.0	29.05	a	Md	2.2
IGT	0.46	236.0	S	12:43:44.676	-0.0					---				m		6389
IGT	0.46	236.0	P	12:43:37.606	-0.0					---				m		6388
IGT	0.46	236.0	AMd	12:44:01.105						---		0.0	23.50	a	Md	1.4
SRN	0.64	278.0	S	12:43:51.166	-0.0					---				m		6391
SRN	0.64	278.0	P	12:43:40.450	-0.9					---				m		6390
SRN	0.64	278.0	AMl	12:43:53.280						---		3.3	0.56	a	Ml	3.0
SRN	0.64	278.0	AMd	12:44:10.222						---		0.0	29.77	a	Md	2.2
NEST	0.64	0.0	P	12:43:41.269	0.0					---				m		6402
NEST	0.64	15.0	S	12:43:50.732	0.0					---				m		6392
NEST	0.64	15.0	AMl	12:43:55.200						---		3.0	0.32	a	Ml	2.9
KBN	0.83	359.0	S	12:43:56.068	0.0					---				m		6394
KBN	0.83	359.0	P	12:43:44.104	0.0					---				m		6393
KBN	0.83	359.0	AMl	12:44:12.120						---		1.8	0.46	a	Ml	2.9
KBN	0.83	359.0	AMd	12:44:22.074						---		0.0	37.97	a	Md	2.5
LKD2	1.01	188.0	S	12:44:03.197	0.0					---				m		6396
LKD2	1.01	188.0	P	12:43:48.278	0.1					---				m		6395
LKD2	1.01	188.0	AMl	12:44:11.400						---		3.0	0.70	a	Ml	3.3
LKD2	1.01	188.0	AMd	12:44:31.191						---		0.0	42.91	a	Md	2.6
FNA	1.07	23.0	S	12:44:05.187	0.0					---				m		6398
FNA	1.07	23.0	P	12:43:49.314	0.0					---				m		6397
FNA	1.07	23.0	AMl	12:44:09.050						---		1.9	0.50	a	Ml	3.1
FNA	1.07	23.0	AMd	12:44:37.572						---		0.0	48.26	a	Md	2.8
VLO	1.22	304.0	S	12:44:08.704	0.0					---				m		6400
VLO	1.22	304.0	P	12:43:51.337	0.0					---				m		6399
VLO	1.22	304.0	AMl	12:44:15.490						---		4.2	0.34	a	Ml	3.6
VLO	1.22	304.0	AMd	12:44:36.661						---		0.0	45.32	a	Md	2.7
BCI	2.63	348.0	P	12:44:14.289	-0.6					---				m		6401
BCI	2.63	348.0	AMd	12:45:15.407						---		0.0	61.12	a	Md	3.1

DATA_TYPE COMMENT GSE2.1
Event 384

Official Magnitude:
Ml 3.11

Error ellipse:

	Azim	Dip	Mag
Max:	284	89	9.4900
Intermediate:	110	0	0.3700
Min:	200	0	0.2100

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187386 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 385 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/09	17:23:31.43		0.05	40.0868	20.3810				35.4	0.5	12	13	136	0.36	1.47	m	
OrigID 425																	

Magnitude	Err	Nsta	Author	OrigID
Ml	1.6	0.0	4	425
Md	2.8	0.0	6	425

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
LSK	0.18	0.0	Pg	17:23:37.471	0.0									m		6416
LSK	0.18	69.0	Sn	17:23:41.445	-1.8									m		6403
LSK	0.18	69.0	AMl	17:23:43.540								0.4	0.22	a	Ml	1.8
SRN	0.36	235.0	Sg	17:23:47.913	0.0									m		6405
SRN	0.36	235.0	Pg	17:23:40.734	-0.1									m		6404
SRN	0.36	235.0	AMl	17:23:50.610								0.2	0.36	a	Ml	1.5
SRN	0.36	235.0	AMd	17:24:17.717								0.0	36.98	a	Md	2.4
IGT	0.56	185.0	Sg	17:23:52.490	0.0									m		6407
IGT	0.56	185.0	Pg	17:23:43.458	0.0									m		6406
IGT	0.56	185.0	AMd	17:24:26.422								0.0	42.96	a	Md	2.0
NEST	0.61	57.0	Sg	17:23:53.863	-0.0									m		6409
NEST	0.61	57.0	Pg	17:23:44.281	0.0									m		6408
NEST	0.61	57.0	AMl	17:23:55.910								0.1	0.50	a	Ml	1.4
NEST	0.61	57.0	AMd	17:24:41.430								0.0	57.15	a	Md	2.9
FNA	1.03	47.0	Sg	17:24:06.396	-0.0									m		6411
FNA	1.03	47.0	Pg	17:23:51.528	0.1									m		6410
FNA	1.03	47.0	AMl	17:24:10.630								0.1	0.28	a	Ml	1.7
FNA	1.03	47.0	AMd	17:24:42.956								0.0	51.43	a	Md	2.8
LKD2	1.31	170.0	Sn	17:24:14.329	-0.0									m		6413
LKD2	1.31	170.0	Pn	17:23:55.992	0.0									m		6412
LKD2	1.31	170.0	AMd	17:24:42.953								0.0	46.96	a	Md	2.7
SCTE	1.47	271.0	Sn	17:24:18.596	0.0									m		6415

SCTE 1.47 271.0 Pn 17:23:58.395 0.0 _____ m____ 6414
 SCTE 1.47 271.0 AMd 17:25:00.792 _____ 0.0 62.40 a____ Md 3.0 3633

DATA_TYPE COMMENT GSE2.1
 Event 385

Official Magnitude:
 Ml 1.61

Error ellipse:

	Azim	Dip	Mag
Max:	113	76	0.5400
Intermediate:	317	11	0.4300
Min:	226	6	0.2700

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1551187386 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 386 2.0 km from Ágios Pródromos, Central Macedonia, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/09	17:46:27.20		0.06	40.4825	23.3702				23.7	1.5	14	13	296	0.34	2.69	m	
OrigID 426																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.8	0.0	7	426
Md	3.4	0.0	7	426

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
THE	0.34	296.0	Sg	17:46:40.515	-0.1					_____				m____		6418	
THE	0.34	296.0	Pg	17:46:34.895	0.0					_____				m____		6417	
THE	0.34	296.0	AMl	17:46:43.208						_____		1.3	0.18	a____	Ml	2.2	3645
THE	0.34	296.0	AMd	17:47:31.759						_____		0.0	56.86	a____	Md	2.9	3638
FNA	1.54	282.0	Sg	17:47:17.788	0.0					_____				m____		6420	
FNA	1.54	282.0	Pg	17:46:56.196	0.1					_____				m____		6419	
FNA	1.54	282.0	AMl	17:47:23.158						_____		0.3	0.50	a____	Ml	2.6	3646
FNA	1.54	282.0	AMd	17:48:10.342						_____		0.0	74.15	a____	Md	3.2	3639
NEST	1.77	269.0	Sg	17:47:24.226	0.0					_____				m____		6422	
NEST	1.77	269.0	Pg	17:46:59.767	0.0					_____				m____		6421	
NEST	1.77	269.0	AMl	17:47:31.428						_____		0.2	0.66	a____	Ml	2.7	3647
NEST	1.77	269.0	AMd	17:48:32.642						_____		0.0	92.87	a____	Md	3.5	3640
KBN	1.97	0.0	Sn	17:47:30.362	0.0					_____				m____		6431	
LSK	2.14	262.0	Sn	17:47:33.574	0.0					_____				m____		6424	
LSK	2.14	262.0	Pn	17:47:05.082	-0.0					_____				m____		6423	
LSK	2.14	262.0	AMl	17:47:41.968						_____		0.3	0.50	a____	Ml	3.0	3648

LSK	2.14	262.0	AMd	17:48:30.230		---				0.0	85.15	a_	Md	3.4	3641
IGT	2.52	249.0	Sn	17:47:43.448	-0.0	---						m_			6426
IGT	2.52	249.0	Pn	17:47:10.862	0.1	---						m_			6425
IGT	2.52	249.0	AM1	17:47:49.588		---				0.1	0.54	a_	M1	2.9	3649
IGT	2.52	249.0	AMd	17:48:30.436		---				0.0	79.57	a_	Md	2.8	3642
SRN	2.65	258.0	Sn	17:47:47.545	0.1	---						m_			6428
SRN	2.65	258.0	Pn	17:47:13.028	-0.0	---						m_			6427
SRN	2.65	258.0	AM1	17:47:48.678		---				0.1	0.58	a_	M1	2.8	3650
SRN	2.65	258.0	AMd	17:48:35.656		---				0.0	82.63	a_	Md	3.4	3643
LKD2	2.69	232.0	Sn	17:47:47.834	-0.1	---						m_			6430
LKD2	2.69	232.0	Pn	17:47:13.273	-0.0	---						m_			6429
LKD2	2.69	232.0	AM1	17:47:56.798		---				0.4	0.60	a_	M1	3.4	3651
LKD2	2.69	232.0	AMd	17:48:36.861		---				0.0	83.59	a_	Md	3.4	3644

DATA_TYPE COMMENT GSE2.1
Event 386

Official Magnitude:
M1 2.83

Error ellipse:

	Azim	Dip	Mag
Max:	27	43	2.2100
Intermediate:	277	19	0.7600
Min:	170	41	0.5000

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187387 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 374 1.1 km from Kozel, Korçë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/07	20:54:05.89		0.02	40.4542	20.7357				11.2	0.8	13	12	114	0.17	1.71	m	
414																	

Magnitude	Err	Nsta	Author	OrigID
M1	2.5	0.0	6	414
Md	2.8	0.0	7	414

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
KBN	0.17	0.0	Pg	20:54:09.755	0.0									m_		6273	
KBN	0.17	13.0	Sg	20:54:12.343	-0.0									m_		6259	
KBN	0.17	13.0	AM1	20:54:15.550								3.4	0.14	a_	M1	2.4	3536
NEST	0.24	99.0	Sg	20:54:15.312	-0.0									m_		6261	
NEST	0.24	99.0	Pg	20:54:11.252	-0.0									m_		6260	

NEST	0.24	99.0	AMl	20:54:18.160						4.5	0.34	a__	Ml	2.6	3537
NEST	0.24	99.0	AMd	20:54:49.035						0.0	37.78	a__	Md	2.5	3529
LSK	0.32	200.0	Sg	20:54:17.688	0.0							m__			6263
LSK	0.32	200.0	Pg	20:54:12.329	-0.3							m__			6262
LSK	0.32	200.0	AMl	20:54:27.820						3.0	0.52	a__	Ml	2.5	3538
LSK	0.32	200.0	AMd	20:55:05.617						0.0	53.29	a__	Md	2.8	3530
FNA	0.59	56.0	Sg	20:54:26.867	0.0							m__			6265
FNA	0.59	56.0	Pg	20:54:17.872	0.0							m__			6264
FNA	0.59	56.0	AMl	20:54:29.500						2.1	0.26	a__	Ml	2.7	3539
FNA	0.59	56.0	AMd	20:55:06.239						0.0	48.37	a__	Md	2.7	3531
SRN	0.80	225.0	Sn	20:54:34.550	-0.0							m__			6267
SRN	0.80	225.0	Pn	20:54:22.300	0.0							m__			6266
SRN	0.80	225.0	AMl	20:54:38.480						0.2	0.50	a__	Ml	1.8	3540
SRN	0.80	225.0	AMd	20:55:24.900						0.0	62.60	a__	Md	3.0	3532
IGT	0.97	199.0	Sn	20:54:39.527	-0.0							m__			6269
IGT	0.97	199.0	Pn	20:54:25.139	0.0							m__			6268
IGT	0.97	199.0	AMd	20:55:28.418						0.0	63.28	a__	Md	2.4	3533
PHP	1.25	350.0	Sn	20:54:47.769	0.0							m__			6271
PHP	1.25	350.0	Pn	20:54:29.779	-0.0							m__			6270
PHP	1.25	350.0	AMl	20:54:50.460						0.1	0.60	a__	Ml	1.8	3541
PHP	1.25	350.0	AMd	20:55:34.532						0.0	64.75	a__	Md	3.1	3534
PUK	1.71	339.0	Pn	20:54:38.167	0.0							m__			6272
PUK	1.71	339.0	AMd	20:55:46.923						0.0	68.76	a__	Md	3.2	3535

DATA_TYPE COMMENT GSE2.1
Event 374

Official Magnitude:
Ml 2.47

Error ellipse:

	Azim	Dip	Mag
Max:	114	71	0.8100
Intermediate:	300	18	0.3300
Min:	209	2	0.2000

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187387 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 375 1.4 km from Librazhd, Elbasan, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/07	22:06:41.71		0.03	41.1825	20.2993				16.6	0.6	18	16	130	0.37	2.16	m	415

Magnitude	Err	Nsta	Author	OrigID
Ml	2.1	0.0	8	415
Md	2.7	0.0	2	415

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.37	0.0	Pg	22:06:49.245	0.0									mde		6294
TIR	0.37	297.0	Sg	22:06:55.548	0.0									m__		6274
TIR	0.37	297.0	AM1	22:06:55.480								0.8	0.14	a__ Ml	2.0	3544
PHP	0.51	11.0	Sg	22:06:59.764	0.1									m__		6276
PHP	0.51	11.0	Pg	22:06:51.962	-0.0									mci		6275
PHP	0.51	11.0	AM1	22:07:01.000								0.1	0.24	a__ Ml	1.4	3545
PHP	0.51	11.0	AMd	22:07:36.091								0.0	44.13	a__ Md	2.6	3542
KBN	0.67	146.0	Sg	22:07:04.476	0.0									m__		6278
KBN	0.67	146.0	Pg	22:06:54.709	-0.0									mce		6277
KBN	0.67	146.0	AM1	22:07:08.090								0.4	0.40	a__ Ml	2.1	3546
KBN	0.67	146.0	AMd	22:07:46.382								0.0	51.67	a__ Md	2.8	3543
PUK	0.91	341.0	Sn	22:07:12.831	0.0									m__		6280
PUK	0.91	341.0	Pn	22:06:59.286	-0.2									mce		6279
PUK	0.91	341.0	AM1	22:07:14.800								0.5	0.42	a__ Ml	2.4	3547
FNA	0.91	115.0	Sn	22:07:13.117	0.0									m__		6282
FNA	0.91	115.0	Pn	22:06:59.360	-0.3									mce		6281
FNA	0.91	115.0	AM1	22:07:17.040								0.2	0.32	a__ Ml	2.1	3548
NEST	0.96	143.0	S	22:07:14.414	0.0									m__		6284
NEST	0.96	143.0	P	22:07:00.395	0.0									m__		6283
NEST	0.96	143.0	AM1	22:07:16.330								0.1	0.36	a__ Ml	1.9	3549
LSK	1.06	167.0	S	22:07:17.295	-0.0									m__		6286
LSK	1.06	167.0	P	22:07:02.053	-0.0									m__		6285
LSK	1.06	167.0	AM1	22:07:23.640								0.3	0.64	a__ Ml	2.3	3550
BCI	1.20	352.0	S	22:07:21.663	-0.0									m__		6288
BCI	1.20	352.0	P	22:07:04.552	0.0									m__		6287
BCI	1.20	352.0	AM1	22:07:23.420								0.3	0.64	a__ Ml	2.4	3551
PVY	1.43	351.0	P	22:07:08.507	-0.3									m__		6289
CEME	1.71	324.0	P	22:07:13.728	-0.0									m__		6290
BEY	1.71	351.0	P	22:07:13.823	0.0									m__		6291
HCY	1.85	314.0	P	22:07:16.201	0.1									m__		6292
BRY	2.16	324.0	P	22:07:20.633	-0.0									m__		6293

DATA_TYPE COMMENT GSE2.1
Event 375

Official Magnitude:
Ml 2.10

Error ellipse:

	Azim	Dip	Mag
Max:	273	85	0.6400
Intermediate:	62	4	0.4200
Min:	152	3	0.1700

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1551187386 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 377 1.8 km from Skoúmtsia, West Macedonia, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/08	14:58:03.52		0.02	40.0315	21.7675				20.1	12.6	6	7	237	0.67	1.51 m		

Magnitude	Err	Nsta	Author	OrigID
Ml	1.6	0.0	4	417
Md	2.8	0.0	3	417

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
NEST	0.67	0.0	P	14:58:22.821	0.0									m		6316
NEST	0.67	306.0	S	14:58:27.052	-0.0									m		6309
NEST	0.67	306.0	AMl	14:58:29.038								0.1	0.32	a	Ml	1.4
FNA	0.80	339.0	S	14:58:31.243	0.0									m		6311
FNA	0.80	339.0	P	14:58:19.339	-0.0									m		6310
FNA	0.80	339.0	AMl	14:58:31.688								0.1	0.32	a	Ml	1.6
FNA	0.80	339.0	AMd	14:58:48.995								0.0	29.66	a	Md	2.3
IGT	1.21	247.0	S	14:58:43.965	0.0									m		6313
IGT	1.21	247.0	P	14:58:26.665	0.0									m		6312
IGT	1.21	247.0	AMl	14:58:49.248								0.0	0.52	a	Ml	1.7
IGT	1.21	247.0	AMd	14:59:58.601								0.0	91.94	a	Md	2.8
LKD2	1.51	216.0	S	14:58:53.084	-0.0									m		6315
LKD2	1.51	216.0	P	14:58:30.915	-0.9									m		6314
LKD2	1.51	216.0	AMl	14:58:53.528								0.9	0.28	a	Ml	3.1
LKD2	1.51	216.0	AMd	14:59:27.708								0.0	56.79	a	Md	3.0

DATA_TYPE COMMENT GSE2.1
 Event 377

Official Magnitude:
 Ml 1.63

Error ellipse:

	Azim	Dip	Mag
Max:	0	90	12.6000
Intermediate:	282	0	1.0100
Min:	12	0	0.3500

BEGIN GSE2.1
 MSG_TYPE DATA

MSG_ID 1551187386 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 385 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/09	17:23:31.43		0.05	40.0868	20.3810				35.4	0.5	12	13	136	0.36	1.47	m	

Magnitude	Err	Nsta	Author	OrigID
Ml	1.6	0.0	4	425
Md	2.8	0.0	6	425

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
LSK	0.18	0.0	Pg	17:23:37.471	0.0									m		6416	
LSK	0.18	69.0	Sn	17:23:41.445	-1.8									m		6403	
LSK	0.18	69.0	AMl	17:23:43.540								0.4	0.22	a	Ml	1.8	3634
SRN	0.36	235.0	Sg	17:23:47.913	0.0									m		6405	
SRN	0.36	235.0	Pg	17:23:40.734	-0.1									m		6404	
SRN	0.36	235.0	AMl	17:23:50.610								0.2	0.36	a	Ml	1.5	3635
SRN	0.36	235.0	AMd	17:24:17.717								0.0	36.98	a	Md	2.4	3628
IGT	0.56	185.0	Sg	17:23:52.490	0.0									m		6407	
IGT	0.56	185.0	Pg	17:23:43.458	0.0									m		6406	
IGT	0.56	185.0	AMd	17:24:26.422								0.0	42.96	a	Md	2.0	3629
NEST	0.61	57.0	Sg	17:23:53.863	-0.0									m		6409	
NEST	0.61	57.0	Pg	17:23:44.281	0.0									m		6408	
NEST	0.61	57.0	AMl	17:23:55.910								0.1	0.50	a	Ml	1.4	3636
NEST	0.61	57.0	AMd	17:24:41.430								0.0	57.15	a	Md	2.9	3630
FNA	1.03	47.0	Sg	17:24:06.396	-0.0									m		6411	
FNA	1.03	47.0	Pg	17:23:51.528	0.1									m		6410	
FNA	1.03	47.0	AMl	17:24:10.630								0.1	0.28	a	Ml	1.7	3637
FNA	1.03	47.0	AMd	17:24:42.956								0.0	51.43	a	Md	2.8	3631
LKD2	1.31	170.0	Sn	17:24:14.329	-0.0									m		6413	
LKD2	1.31	170.0	Pn	17:23:55.992	0.0									m		6412	
LKD2	1.31	170.0	AMd	17:24:42.953								0.0	46.96	a	Md	2.7	3632
SCTE	1.47	271.0	Sn	17:24:18.596	0.0									m		6415	
SCTE	1.47	271.0	Pn	17:23:58.395	0.0									m		6414	
SCTE	1.47	271.0	AMd	17:25:00.792								0.0	62.40	a	Md	3.0	3633

DATA_TYPE COMMENT GSE2.1
 Event 385

Official Magnitude:
 Ml 1.61

Error ellipse:

	Azim	Dip	Mag
Max:	113	76	0.5400
Intermediate:	317	11	0.4300

Min: 226 6 0.2700

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187385 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 390 1.9 km from Duricaj, Dibër, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/11	16:08:20.86		0.03	41.4830	20.2550				12.8	0.9	11	13	95	0.24	1.36	m	430

Magnitude	Err	Nsta	Author	OrigID
Ml	2.2	0.0	4	430
Md	2.6	0.0	6	430

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
PHP	0.24	34.0	Sg	16:08:29.992	-0.0					---				m		6492	
PHP	0.24	34.0	Pg	16:08:26.142	0.1					---				m		6491	
PHP	0.24	34.0	AMl	16:08:30.550						---		3.2	0.20	a	Ml	2.5	3707
PHP	0.24	34.0	AMd	16:09:00.288						---		0.0	34.15	a	Md	2.3	3701
TIR	0.32	246.0	Sg	16:08:32.989	-0.0					---				m		6494	
TIR	0.32	246.0	Pg	16:08:27.842	0.0					---				m		6493	
TIR	0.32	246.0	AMl	16:08:34.110						---		0.6	0.16	a	Ml	1.8	3708
TIR	0.32	246.0	AMd	16:09:07.396						---		0.0	39.55	a	Md	2.5	3702
PUK	0.62	335.0	Sg	16:08:42.581	-0.0					---				m		6496	
PUK	0.62	335.0	Pg	16:08:33.277	-0.0					---				m		6495	
PUK	0.62	335.0	AMl	16:08:45.720						---		0.4	0.30	a	Ml	2.0	3709
PUK	0.62	335.0	AMd	16:09:24.392						---		0.0	51.11	a	Md	2.8	3703
BCI	0.89	0.0	Pn	16:08:42.211	0.0					---				m		6503	
BCI	0.89	352.0	Sn	16:08:51.659	0.0					---				m		6497	
KBN	0.95	154.0	Sn	16:08:52.798	0.0					---				m		6499	
KBN	0.95	154.0	Pn	16:08:39.081	-0.0					---				m		6498	
KBN	0.95	154.0	AMd	16:09:15.739						---		0.0	36.66	a	Md	2.5	3704
FNA	1.10	129.0	Sg	16:08:56.703	-1.8					---				m		6501	
FNA	1.10	129.0	Pg	16:08:42.333	-0.1					---				m		6500	
FNA	1.10	129.0	AMl	16:09:01.380						---		0.3	0.36	a	Ml	2.3	3710
FNA	1.10	129.0	AMd	16:09:35.212						---		0.0	52.88	a	Md	2.9	3705
LSK	1.36	168.0	Pn	16:08:46.780	0.0					---				m		6502	
LSK	1.36	168.0	AMd	16:09:58.847						---		0.0	72.07	a	Md	3.2	3706

DATA_TYPE COMMENT GSE2.1
Event 390

Official Magnitude:
Ml 2.17

Error ellipse:

	Azim	Dip	Mag
Max:	309	78	0.9100
Intermediate:	80	7	0.3500
Min:	171	9	0.2400

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1551187384 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 392 0.3 km from Charavgi, Epirus, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID	2019/02/11	19:12:41.78	0.02	39.6908	20.4743				10.6	0.9	15	12	139	0.20	1.72	m	
	432																

Magnitude	Err	Nsta	Author	OrigID
Ml	3.7	0.0	9	432
Md	2.9	0.0	8	432

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
IGT	0.19	216.0	Sg	19:12:49.613	-0.0					---				m		6518
IGT	0.19	216.0	Pg	19:12:46.240	-0.0					---				m		6517
IGT	0.19	216.0	AMl	19:12:52.798						---		95.7	0.26	a	Ml	3.9
IGT	0.19	216.0	AMd	19:13:17.128						---		0.0	30.89	a	Md	1.6
SRN	0.41	298.0	Sg	19:12:57.373	0.0					---				m		6520
SRN	0.41	298.0	Pg	19:12:50.683	0.0					---				m		6519
SRN	0.41	298.0	AMl	19:13:00.738						---		27.9	0.42	a	Ml	3.6
SRN	0.41	298.0	AMd	19:13:30.795						---		0.0	40.11	a	Md	2.5
LSK	0.47	11.0	Sg	19:12:58.388	0.0					---				m		6522
LSK	0.47	11.0	Pg	19:12:51.231	-0.0					---				m		6521
LSK	0.47	11.0	AMl	19:13:08.288						---		29.1	0.54	a	Ml	3.7
LSK	0.47	11.0	AMd	19:13:45.351						---		0.0	54.12	a	Md	2.8
NEST	0.85	31.0	Sg	19:13:11.221	-0.0					---				m		6524
NEST	0.85	31.0	Pg	19:12:58.607	0.0					---				m		6523
NEST	0.85	31.0	AMl	19:13:14.648						---		5.1	0.40	a	Ml	3.4
NEST	0.85	31.0	AMd	19:13:51.732						---		0.0	53.12	a	Md	2.8
LKD2	0.91	170.0	Sn	19:13:13.442	0.0					---				m		6526
LKD2	0.91	170.0	Pn	19:12:59.814	-0.0					---				m		6525
LKD2	0.91	170.0	AMl	19:13:18.838						---		8.6	0.30	a	Ml	3.7
LKD2	0.91	170.0	AMd	19:14:02.559						---		0.0	62.75	a	Md	3.0
KBN	0.96	0.0	Pn	19:13:00.983	0.0					---				m		6533
KBN	0.96	14.0	Sn	19:13:14.238	-0.0					---				m		6527
KBN	0.96	14.0	AMl	19:13:16.308						---		4.6	0.82	a	Ml	3.4
VLO	1.08	317.0	Sn	19:13:17.748	-0.0					---				m		6529

VLO	1.08	317.0	Pn	19:13:02.364	0.0	---											m		6528			
VLO	1.08	317.0	AM1	19:13:24.588		---											31.0	0.48	a	M1	4.3	3735
VLO	1.08	317.0	AMd	19:14:07.779		---											0.0	65.42	a	Md	3.1	3726
SCTE	1.59	285.0	Pn	19:13:11.523	-0.6	---														m		6530
SCTE	1.59	285.0	AM1	19:13:35.708		---											4.4	0.46	a	M1	3.9	3736
SCTE	1.59	285.0	AMd	19:14:11.743		---											0.0	60.22	a	Md	3.0	3727
TIR	1.72	345.0	Sn	19:13:38.780	-0.0	---														m		6532
TIR	1.72	345.0	Pn	19:13:14.368	0.0	---														m		6531
TIR	1.72	345.0	AM1	19:13:48.178		---											1.5	0.48	a	M1	3.5	3737
TIR	1.72	345.0	AMd	19:14:11.936		---											0.0	57.57	a	Md	3.0	3728

DATA_TYPE COMMENT GSE2.1
Event 392

Official Magnitude:
M1 3.65

Error ellipse:

	Azim	Dip	Mag
Max:	159	81	0.8900
Intermediate:	277	3	0.3400
Min:	8	8	0.2000

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187384 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 393 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/12	06:30:29.14		0.45	39.4972	20.7927				10.5	2.3	13	9	170	0.36	2.63	m	433

Magnitude	Err	Nsta	Author	OrigID
M1	2.8	0.0	5	433
Md	3.0	0.0	5	433

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
IGT	0.36	276.0	S	06:30:42.426	0.1					---						6535	
IGT	0.36	276.0	Pg	06:30:35.314	-1.4					---						6534	
IGT	0.36	276.0	AMd	06:31:13.635						---		0.0	38.32	a	Md	1.9	3738
LSK	0.67	348.0	Sg	06:30:52.478	0.1					---						6537	
LSK	0.67	348.0	P	06:30:41.268	-1.2					---						6536	
LSK	0.67	348.0	AM1	06:30:55.180						---		7.3	0.70	a	M1	3.4	3743
LSK	0.67	348.0	AMd	06:31:49.179						---		0.0	67.91	a	Md	3.1	3739
LKD2	0.72	0.0	P	06:30:41.809	0.0					---						6547	

LKD2	0.71	189.0	Sg	06:30:54.394	0.2	---											m		6538
LKD2	0.71	189.0	AMl	06:31:00.640		---											a	Ml	3744
SRN	0.72	303.0	Sg	06:30:55.277	0.2	---											m		6540
SRN	0.72	303.0	Pg	06:30:42.866	-1.1	---											m		6539
SRN	0.72	303.0	AMl	06:31:03.760		---											a	Ml	3746
SRN	0.72	303.0	AMl	06:30:58.150		---											a	Ml	3745
SRN	0.72	303.0	AMd	06:31:49.762		---											a	Md	3740
KBN	1.13	0.0	S	06:31:07.271	0.4	---											m		6542
KBN	1.13	0.0	Pn	06:30:51.298	0.6	---											m		6541
KBN	1.13	0.0	AMl	06:31:17.940		---											a	Ml	3747
KBN	1.13	0.0	AMd	06:31:40.753		---											a	Md	3741
FNA	1.36	19.0	Sg	06:31:15.278	0.2	---											m		6544
FNA	1.36	19.0	Pg	06:30:54.791	-0.6	---											m		6543
FNA	1.36	19.0	AMl	06:31:17.670		---											a	Ml	3748
FNA	1.36	19.0	AMd	06:31:58.166		---											a	Md	3742
PUK	2.63	346.0	S	06:31:50.109	-0.3	---											m		6546
PUK	2.63	346.0	Pn	06:31:14.187	-1.4	---											m		6545

DATA_TYPE COMMENT GSE2.1
Event 393

Official Magnitude:
Ml 2.83

Error ellipse:

	Azim	Dip	Mag
Max:	249	66	2.4800
Intermediate:	116	16	1.0600
Min:	21	17	0.7000

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187384 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 396 3.6 km from Eptachori, West Macedonia, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/13	17:25:52.55		0.03	40.2273	21.0625				5.6	0.9	14	8	170	0.19	2.02	m	436

Magnitude	Err	Nsta	Author	OrigID
Ml	2.6	0.0	7	436
Md	2.8	0.0	7	436

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
NEST	0.19	0.0	P	17:25:57.543	0.0									m		6577

NEST	0.19	357.0	S	17:25:59.955	-0.0	---			m				6562
NEST	0.19	357.0	AM1	17:26:04.250		---	4.1	0.14	a	M1	2.5		3767
KBN	0.45	333.0	S	17:26:07.893	0.0	---			m				6564
KBN	0.45	333.0	P	17:26:01.340	0.0	---			m				6563
KBN	0.45	333.0	AM1	17:26:12.920		---	1.7	0.42	a	M1	2.4		3768
KBN	0.45	333.0	AMd	17:26:46.659		---	0.0	45.32	a	Md	2.6		3760
FNA	0.61	23.0	S	17:26:13.932	-0.0	---			m				6566
FNA	0.61	23.0	P	17:26:04.732	-0.1	---			m				6565
FNA	0.61	23.0	AM1	17:26:18.740		---	1.7	0.28	a	M1	2.6		3769
FNA	0.61	23.0	AMd	17:26:58.217		---	0.0	53.48	a	Md	2.8		3761
SRN	0.89	248.0	S	17:26:23.933	-0.1	---			m				6568
SRN	0.89	248.0	P	17:26:10.500	-0.0	---			m				6567
SRN	0.89	248.0	AM1	17:26:26.550		---	0.4	0.46	a	M1	2.3		3770
SRN	0.89	248.0	AMd	17:27:03.996		---	0.0	53.50	a	Md	2.8		3762
IGT	0.89	220.0	S	17:26:23.615	-0.0	---			m				6570
IGT	0.89	220.0	P	17:26:10.328	0.0	---			m				6569
IGT	0.89	220.0	AMd	17:27:03.995		---	0.0	53.67	a	Md	2.3		3763
LKD2	1.47	193.0	S	17:26:42.458	0.0	---			m				6572
LKD2	1.47	193.0	P	17:26:21.090	0.0	---			m				6571
LKD2	1.47	193.0	AM1	17:27:13.220		---	0.9	2.26	a	M1	3.1		3771
LKD2	1.47	193.0	AMd	17:27:24.221		---	0.0	63.13	a	Md	3.1		3764
PHP	1.53	343.0	S	17:26:43.841	0.1	---			m				6574
PHP	1.53	343.0	P	17:26:21.299	-0.5	---			m				6573
PHP	1.53	343.0	AM1	17:26:52.000		---	0.3	0.58	a	M1	2.6		3772
PHP	1.53	343.0	AMd	17:27:21.909		---	0.0	60.61	a	Md	3.0		3765
PUK	2.02	335.0	S	17:26:58.927	0.0	---			m				6576
PUK	2.02	335.0	P	17:26:30.501	0.0	---			m				6575
PUK	2.02	335.0	AM1	17:27:09.020		---	0.2	0.84	a	M1	2.8		3773
PUK	2.02	335.0	AMd	17:27:39.390		---	0.0	68.89	a	Md	3.2		3766

DATA_TYPE COMMENT GSE2.1
Event 396

Official Magnitude:
M1 2.59

Error ellipse:

	Azim	Dip	Mag
Max:	118	79	0.9500
Intermediate:	285	10	0.4900
Min:	15	2	0.2000

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187385 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 399 0.3 km from Fshati i Ri, Fier, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/11	18:57:17.19		0.08	40.7098	19.6375				1.7	0.4	6	12	120	0.02	1.34	m	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.5	0.0	2	439
Md	2.4	0.0	3	439

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
BPA1	0.02	46.0	Sg	18:57:18.290	0.1									m__		6595	
BPA1	0.02	46.0	P1	18:57:17.258	-0.5									mce		6594	
BPA1	0.02	46.0	AMd	18:57:53.963								0.0	36.71	a__	Md	2.4	3780
BPA2	0.03	0.0	P1	18:57:17.033	0.0									mde		6602	
BPA2	0.03	325.0	Sg	18:57:18.359	-0.1									m__		6596	
BPA2	0.03	325.0	AMl	18:57:18.810								36.3	0.24	a__	Ml	2.7	3783
VLO	0.26	205.0	P1	18:57:22.500	0.1									mce		6597	
VLO	0.26	205.0	AMl	18:57:34.810								1.7	0.32	a__	Ml	2.2	3784
VLO	0.26	205.0	AMd	18:57:57.500								0.0	35.00	a__	Md	2.4	3781
LSK	0.92	127.0	P	18:57:35.579	-0.1									m__		6598	
SCTE	1.09	236.0	P	18:57:39.591	0.5									m__		6599	
PHP	1.15	31.0	P	18:57:39.835	0.0									m__		6600	
PUK	1.34	8.0	P	18:57:43.834	0.1									m__		6601	
PUK	1.34	8.0	AMd	18:58:30.940								0.0	47.11	a__	Md	2.7	3782

DATA_TYPE COMMENT GSE2.1
Event 399

Official Magnitude:
Ml 2.47

Error ellipse:

	Azim	Dip	Mag
Max:	353	44	0.5700
Intermediate:	265	0	0.4400
Min:	175	46	0.2800

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187383 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 400 3.3 km from Souli, Epirus, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author

2019/02/15 01:18:28.63 0.50 39.3853 20.6262 25.8 0.9 27 32 123 0.27 3.60 m
 440

Magnitude Err Nsta Author OrigID
 M1 3.7 0.0 12 440

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
IGT	0.27	303.0	S	01:18:41.086	0.3									m		6604
IGT	0.27	303.0	P	01:18:35.455	-0.1									m		6603
IGT	0.27	303.0	AM1	01:18:43.940								57.8	0.28	a	M1 3.9	3785
LKD2	0.60	177.0	S	01:18:50.664	0.6									m		6606
LKD2	0.60	177.0	P	01:18:40.828	-0.1									m		6605
LKD2	0.60	177.0	AM1	01:18:53.010								10.1	0.56	a	M1 3.4	3786
SRN	0.69	316.0	S	01:18:53.788	0.2									m		6608
SRN	0.69	316.0	P	01:18:42.370	-0.5									m		6607
SRN	0.69	316.0	AM1	01:19:03.520								2.7	0.48	a	M1 3.0	3787
LSK	0.76	359.0	S	01:18:55.273	0.3									m		6610
LSK	0.76	359.0	P	01:18:43.075	-0.6									m		6609
LSK	0.76	359.0	AM1	01:19:00.460								27.3	0.66	a	M1 4.1	3788
NEST	1.08	17.0	S	01:19:04.802	-0.1									m		6612
NEST	1.08	17.0	P	01:18:48.126	-1.2									m		6611
NEST	1.08	17.0	AM1	01:19:11.330								7.8	0.54	a	M1 3.8	3789
KBN	1.24	5.0	S	01:19:09.303	0.1									m		6614
KBN	1.24	5.0	P	01:18:52.186	0.4									m		6613
KBN	1.24	5.0	AM1	01:19:14.950								4.1	1.06	a	M1 3.6	3790
VLO	1.39	322.0	Sn	01:19:14.629	1.4									m		6616
VLO	1.39	322.0	Pn	01:18:56.282	2.2									m		6615
FNA	1.51	22.0	S	01:19:19.132	1.0									m		6618
FNA	1.51	22.0	P	01:18:56.195	-0.7									m		6617
FNA	1.51	22.0	AM1	01:19:21.050								3.9	0.78	a	M1 3.8	3791
BPA1	1.53	332.0	S	01:19:18.600	-0.1									m		6620
BPA1	1.53	332.0	Pn	01:18:57.075	-0.1									m		6619
SCTE	1.80	294.0	P	01:19:01.309	-0.1									m		6621
TIR	2.04	344.0	S	01:19:33.271	1.0									m		6623
TIR	2.04	344.0	Pn	01:19:05.062	0.1									m		6622
TIR	2.04	344.0	AM1	01:19:52.540								1.2	0.52	a	M1 3.6	3792
THE	2.18	54.0	Pn	01:19:05.982	-1.1									m		6624
THE	2.18	54.0	AM1	01:19:36.540								0.5	0.66	a	M1 3.3	3793
PHP	2.30	357.0	Sn	01:19:38.798	0.4									m		6626
PHP	2.30	357.0	P	01:19:08.884	0.4									m		6625
PHP	2.30	357.0	AM1	01:19:56.330								1.2	0.90	a	M1 3.7	3794
PUK	2.71	349.0	Sn	01:19:48.789	-0.5									m		6628
PUK	2.71	349.0	Pn	01:19:13.976	-0.7									m		6627
PUK	2.71	349.0	AM1	01:20:04.660								0.9	0.62	a	M1 3.8	3795
ULC	2.78	339.0	Pn	01:19:13.925	-1.9									m		6629
DRME	3.00	340.0	Pn	01:19:17.644	-1.5									m		6630
BCI	3.02	0.0	Pn	01:19:18.938	0.0									m		6634
BCI	3.01	353.0	Sn	01:19:57.451	0.6									m		6631
BCI	3.01	353.0	AM1	01:20:20.690								1.1	0.88	a	M1 4.0	3796
HCY	3.46	333.0	Pn	01:19:22.679	-3.2									m		6632

NKME 3.60 341.0 Pn 01:19:25.257 -2.7 _____ m__ 6633

DATA_TYPE COMMENT GSE2.1
Event 400

Official Magnitude:
Ml 3.73

Error ellipse:

	Azim	Dip	Mag
Max:	260	37	1.4100
Intermediate:	117	46	1.0400
Min:	6	20	0.6900

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187384 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 401 1.0 km from Kleidonia, Epirus, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/15	00:34:10.99		0.33	39.9682	20.6883				2.0	1.6	16	32	150	0.20	2.44	m	
OrigID 441																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.3	0.0	6	441
Md	2.5	0.0	2	441

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
LSK	0.18	0.0	P	00:34:14.338	0.0					___				m__		6654
LSK	0.19	340.0	S	00:34:18.031	-0.4					___				m__		6635
LSK	0.19	340.0	AMl	00:34:22.790						___		10.9	0.60	a__	Ml	2.9
LSK	0.19	340.0	AMl	00:34:20.560						___		16.2	0.32	a__	Ml	3.1
IGT	0.52	213.0	S	00:34:30.255	0.3					___				m__		6637
IGT	0.52	213.0	P	00:34:20.531	-1.3					___				m__		6636
NEST	0.52	31.0	S	00:34:30.292	0.1					___				m__		6639
NEST	0.52	31.0	P	00:34:21.104	-0.9					___				m__		6638
NEST	0.52	31.0	AMl	00:34:31.990						___		0.9	0.26	a__	Ml	2.2
SRN	0.54	261.0	S	00:34:31.078	-0.2					___				m__		6641
SRN	0.54	261.0	P	00:34:21.233	-1.4					___				m__		6640
SRN	0.54	261.0	AMl	00:34:33.150						___		0.7	0.64	a__	Ml	2.2
SRN	0.54	261.0	AMd	00:35:06.382						___		0.0	45.15	a__	Md	2.6
KBN	0.66	6.0	S	00:34:33.833	-0.1					___				m__		6643
KBN	0.66	6.0	P	00:34:23.432	-0.7					___				m__		6642
KBN	0.66	6.0	AMl	00:34:36.220						___		0.7	0.80	a__	Ml	2.3
KBN	0.66	6.0	AMd	00:34:59.448						___		0.0	36.02	a__	Md	2.4

FNA	0.97	32.0	S	00:34:45.390	0.2	---	m	6645
FNA	0.97	32.0	P	00:34:30.526	0.0	---	m	6644
FNA	0.97	32.0	AMl	00:34:58.330		---	0.2 0.56 a Ml 2.1	3804
VLO	1.04	300.0	P	00:34:31.556	0.4	---	m	6646
LKD2	1.18	182.0	S	00:34:51.599	-0.5	---	m	6648
LKD2	1.18	182.0	Pn	00:34:34.753	0.3	---	m	6647
LKD2	1.18	182.0	AMl	00:35:08.380		---	0.8 1.02 a Ml 2.8	3805
PHP	1.72	354.0	S	00:35:09.138	0.2	---	m	6650
PHP	1.72	354.0	P	00:34:44.548	0.4	---	m	6649
PUK	2.16	345.0	P	00:34:49.958	-1.5	---	m	6651
BCI	2.44	350.0	Sn	00:35:29.319	0.1	---	m	6653
BCI	2.44	350.0	P	00:34:55.735	0.1	---	m	6652

DATA_TYPE COMMENT GSE2.1
Event 401

Official Magnitude:
Ml 2.33

Error ellipse:

	Azim	Dip	Mag
Max:	295	83	1.5600
Intermediate:	107	6	0.7600
Min:	197	1	0.3900

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187383 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 402 1.3 km from Vatatades, Epirus, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/15	02:14:07.13		0.46	39.8208	20.6635				23.4	2.2	22	32	152	0.33	2.58	m	
442																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.5	0.0	8	442
Md	2.7	0.0	1	442

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
LSK	0.33	0.0	P	02:14:14.404	0.0									md		6679
LSK	0.33	352.0	S	02:14:19.938	-0.0									m		6655
LSK	0.33	352.0	AMl	02:14:24.340								4.5	0.44	a Ml	2.8	3807
IGT	0.39	222.0	S	02:14:21.881	0.0									m		6657
IGT	0.39	222.0	P	02:14:15.198	-0.4									m		6656
SRN	0.51	277.0	S	02:14:26.500	0.0									m		6659

SRN	0.51	277.0	P	02:14:17.311	-0.9	---			m			6658
SRN	0.51	277.0	AM1	02:14:27.850		---	0.9	0.32	a	M1	2.3	3808
SRN	0.51	277.0	AMd	02:15:03.215		---	0.0	45.90	a	Md	2.7	3806
NEST	0.66	26.0	S	02:14:30.371	-0.1	---			m			6661
NEST	0.66	26.0	P	02:14:20.473	0.0	---			m			6660
NEST	0.66	26.0	AM1	02:14:32.730		---	0.4	0.38	a	M1	2.1	3809
KBN	0.81	6.0	S	02:14:34.108	0.0	---			m			6663
KBN	0.81	6.0	P	02:14:02.191	-10.0	---			m			6662
KBN	0.81	6.0	AM1	02:14:47.210		---	0.3	0.86	a	M1	2.2	3810
LKD2	1.03	181.0	S	02:14:42.415	0.6	---			m			6665
LKD2	1.03	181.0	P	02:14:26.898	-0.1	---			m			6664
LKD2	1.03	181.0	AM1	02:14:44.520		---	0.5	0.38	a	M1	2.5	3811
VLO	1.10	307.0	S	02:14:43.517	0.6	---			m			6667
VLO	1.10	307.0	P	02:14:29.671	2.1	---			m			6666
VLO	1.10	307.0	AM1	02:14:48.710		---	1.3	0.22	a	M1	3.0	3812
FNA	1.11	29.0	S	02:14:44.081	-0.1	---			m			6669
FNA	1.11	29.0	P	02:14:28.449	0.1	---			m			6668
FNA	1.11	29.0	AM1	02:14:47.630		---	0.5	0.52	a	M1	2.6	3813
TIR	1.64	339.0	Sn	02:15:00.642	0.1	---			m			6671
TIR	1.64	339.0	Pn	02:14:38.258	0.6	---			m			6670
SCTE	1.71	280.0	S	02:14:59.824	-2.5	---			m			6673
SCTE	1.71	280.0	P	02:14:36.363	-2.3	---			m			6672
PHP	1.87	355.0	Sn	02:15:06.597	0.4	---			m			6675
PHP	1.87	355.0	Pn	02:14:40.959	0.1	---			m			6674
PHP	1.87	355.0	AM1	02:15:12.750		---	0.1	0.50	a	M1	2.4	3814
PUK	2.29	346.0	P	02:14:46.307	-1.0	---			m			6676
BCI	2.58	351.0	Sn	02:15:25.353	0.5	---			m			6678
BCI	2.58	351.0	Pn	02:14:51.883	0.4	---			m			6677

DATA_TYPE COMMENT GSE2.1
Event 402

Official Magnitude:
M1 2.47

Error ellipse:

	Azim	Dip	Mag
Max:	148	83	2.1600
Intermediate:	290	5	0.9300
Min:	20	4	0.5400

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187382 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 407 1.4 km from Katarraktis, Epirus, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/16	12:40:03.90		0.04	39.7912	20.6227				22.2	2.1	9	8	151	0.34	1.68	m	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.4	0.0	4	447
Md	2.5	0.0	5	447

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
IGT	0.34	222.0	Sg	12:40:17.337	0.0											6763
IGT	0.34	222.0	Pg	12:40:11.586	0.0											6762
IGT	0.34	222.0	AMd	12:40:52.559								0.0	40.97	a	Md	1.9
LSK	0.36	0.0	Pg	12:40:12.040	0.0											6772
LSK	0.36	358.0	Sg	12:40:17.510	-0.0											6764
LSK	0.36	358.0	AMl	12:40:22.918								3.0	0.64	a	Ml	2.6
SRN	0.49	281.0	Sg	12:40:22.408	-0.0											6766
SRN	0.49	281.0	Pg	12:40:14.477	0.0											6765
SRN	0.49	281.0	AMl	12:40:25.748								1.1	0.34	a	Ml	2.3
SRN	0.49	281.0	AMd	12:40:53.426								0.0	38.95	a	Md	2.5
NEST	0.70	27.0	Sg	12:40:28.506	0.0											6768
NEST	0.70	27.0	Pg	12:40:17.675	-0.3											6767
NEST	0.70	27.0	AMl	12:40:34.568								0.4	0.38	a	Ml	2.2
NEST	0.70	27.0	AMd	12:40:32.734								0.0	15.06	a	Md	1.5
LKD2	1.00	178.0	Sn	12:40:37.753	0.0											6770
LKD2	1.00	178.0	Pn	12:40:23.133	-0.1											6769
LKD2	1.00	178.0	AMl	12:40:42.848								0.5	0.44	a	Ml	2.5
LKD2	1.00	178.0	AMd	12:41:25.991								0.0	62.86	a	Md	3.0
SCTE	1.68	281.0	Pn	12:40:35.141	0.0											6771
SCTE	1.68	281.0	AMd	12:41:28.414								0.0	53.27	a	Md	2.9

DATA_TYPE COMMENT GSE2.1
Event 407

Official Magnitude:
Ml 2.42

Error ellipse:

	Azim	Dip	Mag
Max:	111	87	2.0500
Intermediate:	282	2	0.4200
Min:	12	0	0.2500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187382 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 409 1.4 km from Fushë-Krujë, Durrës, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2019/02/16	16:20:23.99		0.18	41.4893	19.7578				2.0	0.9	8	17	174	0.17	1.46	m	
449																	

Magnitude	Err	Nsta	Author	OrigID
Ml	1.4	0.0	2	449
Md	1.8	0.0	1	449

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
TIR	0.17	0.0	P	16:20:27.321	0.0					---				m		6796	
TIR	0.17	143.0	S	16:20:30.549	-0.4					---				m		6787	
TIR	0.17	143.0	AMl	16:20:29.820						---		1.3	0.16	a	Ml	1.9	3879
PHP	0.57	69.0	P	16:20:34.591	-1.2					---				m		6788	
PUK	0.57	12.0	S	16:20:44.718	-0.3					---				m		6790	
PUK	0.57	12.0	P	16:20:35.219	-0.8					---				m		6789	
PUK	0.57	12.0	AMl	16:20:46.970						---		0.1	0.18	a	Ml	1.3	3881
PUK	0.57	12.0	AMl	16:20:47.500						---		0.1	0.18	a	Ml	1.4	3880
PUK	0.57	12.0	AMd	16:20:54.739						---		0.0	19.52	a	Md	1.8	3878
ULC	0.60	324.0	P	16:20:35.430	-1.2					---				m		6791	
CEME	1.22	331.0	P	16:20:48.665	0.1					---				m		6792	
HCY	1.34	317.0	P	16:20:50.358	-0.4					---				m		6793	
NEST	1.46	136.0	Sn	16:21:14.679	-0.1					---				m		6795	
NEST	1.46	136.0	P	16:20:52.897	-0.1					---				m		6794	

DATA_TYPE COMMENT GSE2.1
Event 409

Official Magnitude:
Ml 1.39

Error ellipse:

	Azim	Dip	Mag
Max:	247	64	4.8000
Intermediate:	64	25	1.3900
Min:	155	1	0.5400

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187382 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 410 2.3 km from Bencia, Gjirokastër, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
------	------	-----	-----	----------	-----------	------	------	----	-------	-----	------	------	-----	-------	-------	------	--------

2019/02/17 01:59:14.32 0.02 40.2340 20.0067 0.2 1.0 11 9 82 0.35 1.19 m
450

Magnitude	Err	Nsta	Author	OrigID
Ml	1.8	0.0	3	450
Md	2.9	0.0	6	450

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
SRN	0.35	181.0	Sg	01:59:28.979	0.0									m		6798
SRN	0.35	181.0	Pg	01:59:22.684	-0.0									m		6797
SRN	0.35	181.0	AMl	01:59:30.570								0.1	0.30	a	Ml	1.1
SRN	0.35	181.0	AMd	02:00:16.500								0.0	53.82	a	Md	2.8
VLO	0.46	302.0	Pg	01:59:23.587	0.0									m		6799
VLO	0.46	302.0	AMd	02:00:28.225								0.0	64.64	a	Md	3.0
LSK	0.46	0.0	Pg	01:59:23.333	0.0									m		6808
LSK	0.46	100.0	Sg	01:59:31.661	-0.0									m		6800
LSK	0.46	100.0	AMl	01:59:39.820								0.4	0.76	a	Ml	1.8
IGT	0.74	160.0	Sg	01:59:41.378	0.0									m		6802
IGT	0.74	160.0	Pg	01:59:29.772	-0.0									m		6801
IGT	0.74	160.0	AMd	02:00:35.907								0.0	66.14	a	Md	2.5
NEST	0.82	76.0	Sg	01:59:43.804	0.0									m		6804
NEST	0.82	76.0	Pg	01:59:30.961	-0.2									m		6803
NEST	0.82	76.0	AMd	02:00:40.556								0.0	69.60	a	Md	3.1
TIR	1.12	355.0	Pn	01:59:36.907	0.0									m		6805
TIR	1.12	355.0	AMd	02:00:28.023								0.0	51.12	a	Md	2.8
SCTE	1.19	263.0	Sn	01:59:56.220	-0.0									m		6807
SCTE	1.19	263.0	Pn	01:59:38.263	-0.0									m		6806
SCTE	1.19	263.0	AMl	02:00:04.770								0.3	1.16	a	Ml	2.4
SCTE	1.19	263.0	AMd	02:00:35.705								0.0	57.44	a	Md	2.9

DATA_TYPE COMMENT GSE2.1
Event 410

Official Magnitude:
Ml 1.77

Error ellipse:

	Azim	Dip	Mag
Max:	318	81	0.9800
Intermediate:	194	4	0.2900
Min:	103	7	0.2400

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187381 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 413 5 km from Bishtkamzë, Durrës, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/17	21:21:33.68		0.29	41.3962	19.3698				25.9	2.0	14	12	180	0.38	1.59	m	

Magnitude	Err	Nsta	Author	OrigID
Ml	3.0	0.0	7	453
Md	2.7	0.0	5	453

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
TIR	0.38	0.0	Pg	21:21:42.718	0.0									m		6858	
TIR	0.38	97.0	Sg	21:21:48.828	0.2									m		6841	
TIR	0.38	97.0	AMl	21:21:48.200								4.6	0.14	a	Ml	2.8	3920
PUK	0.76	31.0	S	21:21:59.864	0.1									m		6843	
PUK	0.76	31.0	Pg	21:21:48.865	0.3									m		6842	
PUK	0.76	31.0	AMl	21:22:03.470								2.5	0.18	a	Ml	3.0	3921
PUK	0.76	31.0	AMd	21:22:37.797								0.0	48.93	a	Md	2.7	3915
PHP	0.85	69.0	Sg	21:22:02.367	-0.2									m		6845	
PHP	0.85	69.0	P	21:21:49.814	-0.4									m		6844	
PHP	0.85	69.0	AMl	21:22:05.500								1.7	0.40	a	Ml	2.9	3922
PHP	0.85	69.0	AMd	21:22:42.936								0.0	53.12	a	Md	2.8	3916
VLO	0.93	174.0	Sg	21:22:05.954	1.8									m		6847	
VLO	0.93	174.0	Pg	21:21:52.886	1.8									m		6846	
VLO	0.93	174.0	AMl	21:22:14.060								2.0	0.16	a	Ml	3.1	3923
VLO	0.93	174.0	AMd	21:22:36.783								0.0	43.90	a	Md	2.7	3917
BCI	1.10	28.0	Sg	21:22:10.500	0.1									m		6849	
BCI	1.10	28.0	Pg	21:21:54.567	-0.1									m		6848	
BCI	1.10	28.0	AMl	21:22:14.580								1.3	0.46	a	Ml	3.0	3924
BCI	1.10	28.0	AMd	21:22:10.829								0.0	16.26	a	Md	1.6	3918
KBN	1.32	125.0	Sg	21:22:16.484	-0.2									m		6851	
KBN	1.32	125.0	P	21:21:59.622	1.4									m		6850	
KBN	1.32	125.0	AMl	21:22:19.700								0.4	0.48	a	Ml	2.6	3925
KBN	1.32	125.0	AMd	21:22:55.684								0.0	56.06	a	Md	2.9	3919
SCTE	1.48	208.0	Sg	21:22:22.403	-0.1									m		6853	
SCTE	1.48	208.0	Pg	21:22:00.629	-0.9									m		6852	
SCTE	1.48	208.0	AMl	21:22:24.310								0.9	0.40	a	Ml	3.1	3926
LSK	1.56	142.0	S	21:22:24.262	0.1									m		6855	
LSK	1.56	142.0	Pn	21:22:02.105	-0.4									m		6854	
SRN	1.59	162.0	Sn	21:22:26.203	0.2									m		6857	
SRN	1.59	162.0	P	21:22:04.211	0.7									m		6856	

DATA_TYPE COMMENT GSE2.1
Event 413

Official Magnitude:
Ml 3.00

Error ellipse:
Azim Dip Mag

Max: 60 63 2.2700
 Intermediate: 292 16 0.8500
 Min: 196 20 0.4500

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1551187380 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 420 4.0 km from Selitë, Dibër, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/19	00:10:22.86		0.03	41.6743	20.2142				25.4	1.6	7	4	133	0.17	0.70	m	459

Magnitude	Err	Nsta	Author	OrigID
Ml	1.3	0.0	3	459
Md	2.4	0.0	2	459

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
PHP	0.17	86.0	Sg	00:10:32.024	-0.0									m		6903
PHP	0.17	86.0	Pg	00:10:28.141	0.0									mci		6902
PHP	0.17	86.0	AMl	00:10:33.420								0.5	0.14	a	Ml	1.7
PHP	0.17	86.0	AMd	00:11:03.809								0.0	35.67	a	Md	2.4
TIR	0.42	0.0	Pg	00:10:29.465	0.0									mde		6909
TIR	0.42	219.0	Sg	00:10:38.976	0.0									m		6904
PUK	0.44	327.0	Sg	00:10:39.355	0.0									m		6906
PUK	0.44	327.0	Pg	00:10:32.241	-0.0									mci		6905
PUK	0.44	327.0	AMl	00:10:42.650								0.1	0.18	a	Ml	1.3
PUK	0.44	327.0	AMd	00:11:11.287								0.0	39.05	a	Md	2.5
BCI	0.70	352.0	Sg	00:10:47.292	0.0									m		6908
BCI	0.70	352.0	Pg	00:10:36.789	-0.0									m		6907
BCI	0.70	352.0	AMl	00:10:50.780								0.0	0.30	a	Ml	1.2

DATA_TYPE COMMENT GSE2.1
 Event 420

Official Magnitude:
 Ml 1.30

Error ellipse:

	Azim	Dip	Mag
Max:	116	69	1.7000
Intermediate:	255	15	0.4600
Min:	349	13	0.3700

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1551187380 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 423 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/19	06:32:40.16		0.35	41.6957	20.1157				9.3	1.5	25	22	95	0.24	3.02	m	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.6	0.0	8	462
Md	3.1	0.0	5	462

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
PHP	0.24	92.0	Sg	06:32:48.739	-0.3									m__		6935	
PHP	0.24	92.0	Pg	06:32:45.282	0.1									mci		6934	
PHP	0.24	92.0	AMl	06:32:50.540								22.5	0.40	a__	Ml	3.3	3988
PUK	0.38	335.0	Sg	06:32:54.365	0.4									m__		6937	
PUK	0.38	335.0	Pg	06:32:48.061	0.0									mce		6936	
PUK	0.38	335.0	AMl	06:32:59.340								2.7	0.34	a__	Ml	2.5	3989
PUK	0.38	335.0	AMd	06:33:53.736								0.0	65.67	a__	Md	3.0	3983
TIR	0.39	0.0	Pg	06:32:48.457	0.0									mdi		6961	
TIR	0.39	209.0	Sg	06:32:54.230	-0.3									m_i		6938	
TIR	0.39	209.0	AMl	06:32:54.820								1.3	0.58	a__	Ml	2.2	3990
BCI	0.67	357.0	Sg	06:33:03.519	-0.0									m__		6940	
BCI	0.67	357.0	Pg	06:32:53.629	0.1									mci		6939	
BCI	0.67	357.0	AMl	06:33:08.800								1.4	0.50	a__	Ml	2.7	3991
BCI	0.67	357.0	AMd	06:34:19.871								0.0	86.24	a__	Md	3.3	3984
ULC	0.70	293.0	Pg	06:32:53.394	-0.8									m__		6941	
ULC	0.70	293.0	AMd	06:34:04.426								0.0	71.03	a__	Md	3.1	3985
DRME	0.85	306.0	Pn	06:32:57.459	0.5									m__		6942	
PVY	0.90	354.0	Pg	06:32:57.397	-0.7									m__		6943	
PVY	0.90	354.0	AMd	06:34:18.366								0.0	80.97	a__	Md	3.3	3986
BPA1	1.03	200.0	Sg	06:33:15.820	0.1									m__		6945	
BPA1	1.03	200.0	Pg	06:32:59.286	-1.2									m__		6944	
BPA1	1.03	200.0	AMl	06:33:29.060								0.4	0.52	a__	Ml	2.4	3992
BUM	1.09	305.0	Pn	06:33:02.014	0.4									m__		6946	
KBN	1.18	154.0	Sn	06:33:20.060	0.1									m__		6949	
KBN	1.18	154.0	Pn	06:33:02.921	0.0									m__		6948	
KBN	1.18	154.0	AMl	06:33:27.070								1.6	0.40	a__	Ml	3.1	3993
BEY	1.18	353.0	Pn	06:33:03.407	0.1									m__		6947	
CEME	1.23	315.0	Pn	06:33:04.157	-0.0									m__		6950	
KOME	1.24	340.0	Pn	06:33:03.869	-0.4									m__		6951	
NKME	1.37	322.0	Pn	06:33:06.574	-0.1									m__		6952	
HCY	1.43	303.0	Pn	06:33:07.289	-0.3									m__		6953	
LSK	1.59	166.0	Sn	06:33:33.419	0.4									m__		6955	

LSK	1.59	166.0	Pn	06:33:10.368	0.0	---											m		6954	
LSK	1.59	166.0	AM1	06:33:46.660		---											a	M1	3.3	3994
BRY	1.68	317.0	Pn	06:33:11.472	-0.6	---											m		6956	
UPM	1.75	330.0	Pg	06:33:13.934	0.6	---											m		6957	
UPM	1.75	330.0	AMd	06:34:19.114		---											a	Md	3.1	3987
SRN	1.82	183.0	Sn	06:33:40.498	-0.5	---											m		6959	
SRN	1.82	183.0	Pn	06:33:15.519	0.6	---											m		6958	
SRN	1.82	183.0	AM1	06:33:45.710		---											a	M1	2.5	3995
MRVN	3.02	260.0	P	06:33:29.086	-3.4	---											m		6960	

DATA_TYPE COMMENT GSE2.1
Event 423

Official Magnitude:
M1 2.59

Error ellipse:

	Azim	Dip	Mag
Max:	31	82	1.5500
Intermediate:	256	5	0.7000
Min:	165	6	0.3800

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187380 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 431 1.5 km from Castagna, Basilicate, Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/20	16:32:37.80		0.05	40.4738	16.0907				49.9	0.8	8	11	249	0.59	3.91	m	
470																	

Magnitude	Err	Nsta	Author	OrigID
M1	2.5	0.0	5	470
Md	3.2	0.0	4	470

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
MRVN	0.59	7.0	Sg	16:33:01.135	-0.0					---				m		7031	
MRVN	0.59	7.0	Pg	16:32:51.211	0.1					---				m		7030	
MRVN	0.59	7.0	AM1	16:33:02.690						---		0.4	0.18	a	M1	2.2	4038
MRVN	0.59	7.0	AMd	16:33:57.228						---		0.0	66.02	a	Md	3.0	4034
NOCI	0.80	66.0	Sg	16:33:06.657	0.0					---				m		7033	
NOCI	0.80	66.0	Pg	16:32:54.249	-0.0					---				m		7032	
NOCI	0.80	66.0	AM1	16:33:14.480						---		0.6	0.18	a	M1	2.5	4039
NOCI	0.80	66.0	AMd	16:34:03.091						---		0.0	68.84	a	Md	3.1	4035
SGRT	1.30	350.0	Sg	16:33:19.300	-0.1					---				m		7035	

BCI	0.31	1.0	AM1	03:55:40.750	---	0.2	0.18	a	M1	1.4	4060
PHP	0.47	142.0	S	03:55:43.982	-0.0	---	---	m	---	---	7059
PHP	0.47	142.0	P	03:55:36.940	0.1	---	---	m	---	---	7058
PHP	0.47	142.0	AM1	03:55:46.910	---	0.0	0.18	a	M1	0.8	4062
PVY	0.54	354.0	P	03:55:38.558	0.1	---	---	m	---	---	7060
ULC	0.61	262.0	P	03:55:39.748	0.0	---	---	m	---	---	7061
DRME	0.66	282.0	P	03:55:40.524	-0.1	---	---	m	---	---	7062
BUM	0.89	287.0	P	03:55:44.843	-0.0	---	---	m	---	---	7063

DATA_TYPE COMMENT GSE2.1
Event 433

Official Magnitude:
M1 1.38

Error ellipse:

	Azim	Dip	Mag
Max:	247	82	0.6800
Intermediate:	57	7	0.4900
Min:	147	1	0.3500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187379 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 436 1.4 km from Lubonjë, Vlorë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/22	23:47:25.45		0.39	40.4960	19.5675				19.0	1.0	21	31	93	0.06	1.93	m	
475																	

Magnitude	Err	Nsta	Author	OrigID
M1	2.2	0.0	8	475
Md	2.5	0.0	2	475

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
VLO	0.06	244.0	S	23:47:31.494	0.9	---	---	---	---	---	---	---	---	m	---	7093	
VLO	0.06	244.0	P	23:47:28.945	0.6	---	---	---	---	---	---	---	---	m	---	7092	
VLO	0.06	244.0	AM1	23:47:34.860	---	---	---	---	---	---	---	23.8	0.16	a	M1	3.3	4086
VLO	0.06	244.0	AMd	23:48:02.560	---	---	---	---	---	---	---	0.0	33.61	a	Md	2.3	4084
BPA1	0.24	16.0	P	23:47:30.869	-0.4	---	---	---	---	---	---	---	---	m	---	7094	
BPA2	0.24	9.0	S	23:47:35.816	0.2	---	---	---	---	---	---	---	---	m	---	7096	
BPA2	0.24	9.0	P	23:47:31.172	-0.1	---	---	---	---	---	---	---	---	m	---	7095	
SRN	0.70	151.0	S	23:47:50.185	-0.4	---	---	---	---	---	---	---	---	m	---	7098	
SRN	0.70	151.0	P	23:47:39.837	0.0	---	---	---	---	---	---	---	---	m	---	7097	
SRN	0.70	151.0	AM1	23:47:53.890	---	---	---	---	---	---	---	0.1	0.18	a	M1	1.7	4087

SRN	0.70	151.0	AMd	23:48:22.246	---	0.0	42.41	a	Md	2.6	4085
LSK	0.86	113.0	S	23:47:53.523	-1.2	---	---	m	---	---	7100
LSK	0.86	113.0	P	23:47:41.591	-0.6	---	---	m	---	---	7099
LSK	0.86	113.0	AM1	23:48:03.950	---	0.3	0.66	a	M1	2.2	4088
TIR	0.89	0.0	P	23:47:43.640	0.0	---	---	m	---	---	7114
TIR	0.88	14.0	S	23:47:58.338	2.7	---	---	m	---	---	7101
TIR	0.88	14.0	AM1	23:48:00.210	---	0.2	0.38	a	M1	1.9	4089
KBN	0.94	81.0	S	23:47:56.597	0.0	---	---	m	---	---	7103
KBN	0.94	81.0	P	23:47:43.012	-0.2	---	---	m	---	---	7102
KBN	0.94	81.0	AM1	23:48:00.680	---	0.4	0.60	a	M1	2.3	4090
SCTE	0.94	244.0	Sn	23:47:57.233	-0.2	---	---	m	---	---	7105
SCTE	0.94	244.0	Pn	23:47:43.685	-0.0	---	---	m	---	---	7104
SCTE	0.94	244.0	AM1	23:48:00.690	---	0.7	0.32	a	M1	2.6	4091
IGT	1.13	148.0	Sn	23:48:02.966	-0.3	---	---	m	---	---	7107
IGT	1.13	148.0	Pn	23:47:47.792	0.7	---	---	m	---	---	7106
NEST	1.13	93.0	Sn	23:48:03.950	0.5	---	---	m	---	---	7109
NEST	1.13	93.0	Pn	23:47:47.081	-0.1	---	---	m	---	---	7108
NEST	1.13	93.0	AM1	23:48:09.170	---	0.1	0.60	a	M1	2.1	4092
PHP	1.36	28.0	P	23:47:51.850	1.0	---	---	m	---	---	7110
PUK	1.56	8.0	Sn	23:48:16.526	-0.1	---	---	m	---	---	7112
PUK	1.56	8.0	Pn	23:47:54.143	-0.5	---	---	m	---	---	7111
PUK	1.56	8.0	AM1	23:48:22.640	---	0.1	0.44	a	M1	2.4	4093
NOCI	1.93	280.0	Pn	23:48:01.120	0.4	---	---	m	---	---	7113

DATA_TYPE COMMENT GSE2.1
Event 436

Official Magnitude:
M1 2.24

Error ellipse:

	Azim	Dip	Mag
Max:	320	65	1.0800
Intermediate:	66	6	0.6300
Min:	159	24	0.5600

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187379 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 437 1.8 km from Çorraj, Vlorë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/22	01:24:36.41		0.10	40.1253	19.8503				0.6	0.9	13	30	168	0.27	1.92	m	
476																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.1	0.0	6	476
Md	2.4	0.0	3	476

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
SRN	0.27	154.0	S	01:24:47.884	0.0									m		7116	
SRN	0.27	154.0	P	01:24:42.939	-0.0									m		7115	
SRN	0.27	154.0	AMl	01:24:49.558								0.6	0.40	a	Ml	1.7	4097
SRN	0.27	154.0	AMd	01:25:17.192								0.0	34.25	a	Md	2.3	4094
VLO	0.44	322.0	S	01:24:51.866	0.0									m		7118	
VLO	0.44	322.0	P	01:24:45.255	0.0									m		7117	
VLO	0.44	322.0	AMl	01:24:58.128								1.6	0.42	a	Ml	2.4	4098
VLO	0.44	322.0	AMd	01:25:22.455								0.0	37.20	a	Md	2.4	4095
LSK	0.57	87.0	S	01:24:57.494	0.1									m		7120	
LSK	0.57	87.0	Pn	01:24:46.631	-1.8									m		7119	
LSK	0.57	87.0	AMl	01:25:02.168								0.3	0.48	a	Ml	1.9	4099
LSK	0.57	87.0	AMd	01:25:34.265								0.0	47.63	a	Md	2.7	4096
IGT	0.70	147.0	S	01:25:01.883	0.1									m		7122	
IGT	0.70	147.0	P	01:24:50.943	0.0									m		7121	
NEST	0.96	72.0	S	01:25:10.619	0.0									m		7124	
NEST	0.96	72.0	P	01:24:55.679	-0.3									m		7123	
NEST	0.96	72.0	AMl	01:25:15.388								0.1	0.42	a	Ml	1.5	4100
SCTE	1.06	0.0	Pn	01:24:56.975	0.0									m		7131	
SCTE	1.06	268.0	Sn	01:25:13.184	-0.8									m		7125	
SCTE	1.06	268.0	AMl	01:25:15.258								0.6	0.42	a	Ml	2.6	4101
LKD2	1.47	154.0	Sn	01:25:27.320	-0.1									m		7127	
LKD2	1.47	154.0	Pn	01:25:05.666	0.1									m		7126	
LKD2	1.47	154.0	AMl	01:25:30.088								0.1	0.44	a	Ml	2.3	4102
PHP	1.62	15.0	Pn	01:25:07.969	0.1									m		7128	
PUK	1.92	0.0	Sn	01:25:40.911	-0.0									m		7130	
PUK	1.92	0.0	Pn	01:25:11.098	-2.2									m		7129	

DATA_TYPE COMMENT GSE2.1
Event 437

Official Magnitude:
Ml 2.07

Error ellipse:

	Azim	Dip	Mag
Max:	243	80	0.9300
Intermediate:	63	9	0.4100
Min:	153	0	0.2500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187378 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 442 5.0 km from Shëngjin, Vlorë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/26	03:58:13.70		0.23	40.3918	19.3650				16.9	1.0	14	20	147	0.13	1.89	m	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.3	0.0	4	481

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
VLO	0.13	0.0	P	03:58:16.741	0.0									m		7208	
VLO	0.13	52.0	S	03:58:19.588	0.2									m		7192	
VLO	0.13	52.0	AMl	03:58:20.200								16.3	0.08	a	Ml	3.1	4138
VLO	0.13	52.0	AMl	03:58:21.310								11.3	0.16	a	Ml	3.0	4137
BPA1	0.40	33.0	P	03:58:21.969	-0.2									m		7193	
SRN	0.71	136.0	S	03:58:39.126	-0.0									m		7195	
SRN	0.71	136.0	P	03:58:27.947	-0.3									m		7194	
SRN	0.71	136.0	AMl	03:58:45.280								0.1	0.34	a	Ml	1.5	4139
SCTE	0.75	246.0	Sn	03:58:40.015	-0.1									m		7197	
SCTE	0.75	246.0	Pn	03:58:29.105	0.3									m		7196	
SCTE	0.75	246.0	AMl	03:58:42.130								0.4	0.58	a	Ml	2.2	4140
LSK	0.97	103.0	S	03:58:49.186	2.5									m		7199	
LSK	0.97	103.0	P	03:58:32.452	-0.1									m		7198	
KBN	1.11	77.0	S	03:58:50.108	-0.2									m		7200	
IGT	1.13	138.0	S	03:58:52.187	0.3									m		7202	
IGT	1.13	138.0	P	03:58:35.151	-0.4									m		7201	
NEST	1.29	88.0	S	03:58:56.963	0.3									m		7204	
NEST	1.29	88.0	P	03:58:38.396	0.2									m		7203	
FNA	1.59	75.0	Sn	03:59:06.126	0.2									m		7206	
FNA	1.59	75.0	Pn	03:58:43.352	-0.2									m		7205	
FNA	1.59	75.0	AMl	03:59:09.880								0.1	0.66	a	Ml	2.3	4141
LKD2	1.89	147.0	Pn	03:58:49.603	1.0									m		7207	

DATA_TYPE COMMENT GSE2.1
Event 442

Official Magnitude:
Ml 2.26

Error ellipse:

	Azim	Dip	Mag
Max:	322	62	1.1100
Intermediate:	168	25	0.6800
Min:	73	11	0.4700

BEGIN GSE2.1

MSG_TYPE DATA
 MSG_ID 1551187378 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 443 5 km from Llëngë, Korçë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/26	04:51:35.77		0.23	40.8392	20.4957				2.9	1.6	22	20	96	0.31	2.05	m	
482																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.8	0.0	10	482
Md	2.7	0.0	4	482

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
KBN	0.31	134.0	S	04:51:47.025	0.2									m		7210
KBN	0.31	134.0	P	04:51:42.514	0.4									m		7209
KBN	0.31	134.0	AMl	04:51:48.760								20.1	0.34	a	Ml	3.3
KBN	0.31	134.0	AMd	04:52:15.519								0.0	33.00	a	Md	2.3
NEST	0.60	135.0	S	04:51:57.444	0.1									m		7212
NEST	0.60	135.0	P	04:51:47.543	-0.6									m		7211
NEST	0.60	135.0	AMl	04:52:00.090								1.6	0.40	a	Ml	2.6
BPA1	0.65	260.0	S	04:51:58.694	-0.3									m		7214
BPA1	0.65	260.0	P	04:51:49.379	0.3									m		7213
BPA1	0.65	260.0	AMl	04:52:07.730								2.3	0.58	a	Ml	2.8
FNA	0.68	94.0	S	04:51:59.802	-0.2									m		7216
FNA	0.68	94.0	P	04:51:48.904	-0.7									m		7215
FNA	0.68	94.0	AMl	04:52:02.380								1.9	0.44	a	Ml	2.8
LSK	0.69	173.0	S	04:52:00.319	0.0									m		7218
LSK	0.69	173.0	P	04:51:49.430	-0.4									m		7217
LSK	0.69	173.0	AMl	04:52:07.410								3.1	0.50	a	Ml	3.0
LSK	0.69	173.0	AMd	04:52:46.426								0.0	57.00	a	Md	2.9
TIR	0.70	318.0	S	04:52:00.810	0.2									m		7220
TIR	0.70	318.0	P	04:51:50.130	0.2									m		7219
TIR	0.70	318.0	AMl	04:52:06.300								0.6	0.68	a	Ml	2.3
TIR	0.70	318.0	AMl	04:52:03.380								0.6	0.60	a	Ml	2.3
TIR	0.70	318.0	AMd	04:52:41.288								0.0	51.16	a	Md	2.8
PHP	0.85	358.0	S	04:52:04.987	-0.1									m		7222
PHP	0.85	358.0	P	04:51:52.314	-0.2									m		7221
PHP	0.85	358.0	AMl	04:52:12.640								1.0	0.44	a	Ml	2.6
PHP	0.85	358.0	AMd	04:52:38.196								0.0	45.88	a	Md	2.7
VLO	0.85	245.0	P	04:51:52.218	0.1									m		7223
SRN	1.03	202.0	S	04:52:12.336	-0.1									m		7225
SRN	1.03	202.0	P	04:51:56.088	-0.6									m		7224
SRN	1.03	202.0	AMl	04:52:17.810								0.7	0.60	a	Ml	2.7
PUK	1.29	340.0	S	04:52:20.379	0.3									m		7227
PUK	1.29	340.0	P	04:52:00.988	-0.1									m		7226
PUK	1.29	340.0	AMl	04:52:26.470								1.0	0.50	a	Ml	3.0
IGT	1.31	186.0	S	04:52:21.318	0.1									m		7229

IGT	1.31	186.0	P	04:52:01.752	0.0	---										m	7228
BCI	1.56	0.0	P	04:52:06.910	0.0	---										m	7233
BCI	1.56	349.0	S	04:52:28.630	-0.1	---										m	7230
BCI	1.56	349.0	AM1	04:52:35.300		---				1.0	0.84	a	M1	3.2		m	4156
SCTE	1.72	245.0	P	04:52:06.042	-3.0	---										m	7231
LKD2	2.05	176.0	P	04:52:12.617	-2.1	---										m	7232

DATA_TYPE COMMENT GSE2.1
Event 443

Official Magnitude:
M1 2.79

Error ellipse:

	Azim	Dip	Mag
Max:	242	87	1.6300
Intermediate:	68	2	0.4300
Min:	158	0	0.2800

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

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187391 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 342 Mediterranean Sea; 26 km from Moni Strofadon, Ionian Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/01	05:01:48.97		0.39	37.4002	20.7870				5.4	3.5	17	16	300	1.39	4.99	m	
384																	

Magnitude	Err	Nsta	Author	OrigID
M1	4.2	0.0	5	384

Md 3.9 0.0 2 384

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
LKD2	1.39	356.0	Sn	05:02:36.389	-0.0									m		5815	
LKD2	1.39	356.0	Pn	05:02:15.945	-0.1									mci		5814	
LKD2	1.39	356.0	AMl	05:02:36.760								40.1	0.68	a	Ml	4.7	3280
LKD2	1.39	356.0	AMd	05:05:03.515								0.0	167.57	a	Md	4.0	3278
IGT	2.16	351.0	Sn	05:02:57.450	-1.8									m		5817	
IGT	2.16	351.0	Pn	05:02:29.396	0.3									mci		5816	
IGT	2.16	351.0	AMl	05:03:05.060								4.5	0.70	a	Ml	4.2	3281
IGT	2.16	351.0	AMd	05:05:58.468								0.0	209.07	a	Md	3.7	3279
SRN	2.55	347.0	S	05:03:09.532	-0.5									m		5819	
SRN	2.55	347.0	P	05:02:35.703	0.4									m		5818	
SRN	2.55	347.0	AMl	05:03:15.070								1.5	0.52	a	Ml	3.9	3282
LSK	2.75	357.0	S	05:03:14.693	0.4									m		5821	
LSK	2.75	357.0	P	05:02:38.876	1.2									m		5820	
LSK	2.75	357.0	AMl	05:03:36.590								8.4	0.74	a	Ml	4.8	3283
NEST	3.02	3.0	P	05:02:41.825	0.1									m		5822	
KBN	3.22	0.0	P	05:02:44.454	0.2									m		5823	
VLO	3.22	343.0	P	05:02:44.509	0.4									m		5824	
SCTE	3.23	327.0	P	05:02:44.504	-0.4									m		5825	
FNA	3.41	7.0	P	05:02:47.545	0.0									m		5826	
BPA1	3.43	346.0	P	05:02:48.179	0.3									m		5827	
THE	3.64	27.0	S	05:03:39.056	1.5									m		5829	
THE	3.64	27.0	P	05:02:50.631	-0.4									m		5828	
TIR	4.10	0.0	P	05:02:55.631	0.0									m		5834	
PHP	4.29	357.0	P	05:02:59.023	-1.1									m		5830	
PUK	4.69	352.0	S	05:04:04.141	0.0									m		5832	
PUK	4.69	352.0	P	05:03:04.466	-1.7									m		5831	
PUK	4.69	352.0	AMl	05:04:31.920								0.6	0.58	a	Ml	4.2	3284
BCI	4.99	354.0	P	05:03:09.855	-0.8									m		5833	

DATA_TYPE COMMENT GSE2.1
Event 342

Official Magnitude:
Ml 4.21

Error ellipse:

	Azim	Dip	Mag
Max:	163	49	4.5100
Intermediate:	258	3	3.1000
Min:	350	41	1.3800

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187390 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 359 Mediterranean Sea; 48 km from Anafonitria, Ionian Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/04	05:52:10.42		1.10	37.6737	20.1540				27.7	4.7	22	31	301	1.18	4.69	m	

Magnitude	Err	Nsta	Author	OrigID
M1	4.0	0.0	10	401

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
LKD2	1.18	19.0	S	05:52:50.775	0.8									m		6003	
LKD2	1.18	19.0	P	05:52:32.359	-0.7									m		6002	
LKD2	1.18	19.0	AM1	05:53:01.040								15.2	0.54	a	M1	4.1	3349
IGT	1.86	4.0	S	05:53:09.658	0.6									m		6005	
IGT	1.86	4.0	P	05:52:44.231	0.3									m		6004	
IGT	1.86	4.0	AM1	05:53:26.330								2.9	0.60	a	M1	3.9	3350
SRN	2.21	357.0	S	05:53:25.182	6.6									m		6007	
SRN	2.21	357.0	P	05:52:49.493	0.1									m		6006	
SRN	2.21	357.0	AM1	05:53:41.660								1.2	0.88	a	M1	3.7	3351
LSK	2.50	7.0	S	05:53:26.884	1.7									m		6009	
LSK	2.50	7.0	P	05:52:53.567	0.4									m		6008	
LSK	2.50	7.0	AM1	05:54:00.710								4.2	1.22	a	M1	4.3	3352
SCTE	2.74	332.0	S	05:53:32.371	0.8									m		6011	
SCTE	2.74	332.0	P	05:52:57.214	0.4									m		6010	
SCTE	2.74	332.0	AM1	05:53:33.090								2.1	0.60	a	M1	4.1	3353
NEST	2.82	13.0	S	05:53:36.058	2.2									m		6013	
NEST	2.82	13.0	P	05:52:59.064	1.0									m		6012	
NEST	2.82	13.0	AM1	05:54:01.110								0.8	0.52	a	M1	3.8	3354
KBN	2.99	9.0	P	05:53:02.092	2.1									m		6014	
FNA	3.25	16.0	S	05:53:44.451	-0.3									m		6016	
FNA	3.25	16.0	P	05:53:03.861	-0.5									m		6015	
FNA	3.25	16.0	AM1	05:54:23.600								0.5	0.96	a	M1	3.8	3355
THE	3.67	35.0	P	05:53:06.808	-3.8									m		6017	
TIR	3.69	0.0	P	05:53:10.356	0.0									m		6026	
TIR	3.68	357.0	S	05:53:54.840	-0.9									m		6018	
TIR	3.68	357.0	AM1	05:54:00.180								0.4	0.76	a	M1	3.7	3357
TIR	3.68	357.0	AM1	05:54:02.820								0.3	0.60	a	M1	3.7	3356
PHP	4.01	3.0	P	05:53:14.515	-0.8									m		6019	
ULC	4.34	352.0	P	05:53:18.522	-1.9									m		6020	
PUK	4.37	358.0	S	05:54:11.632	-1.7									m		6022	
PUK	4.37	358.0	P	05:53:19.030	-1.6									m		6021	
PUK	4.37	358.0	AM1	05:54:13.830								0.5	0.36	a	M1	4.0	3359
PUK	4.37	358.0	AM1	05:54:18.820								0.5	0.62	a	M1	4.0	3358
MRVN	4.57	320.0	P	05:53:25.169	1.4									m		6023	
BCI	4.69	0.0	S	05:54:20.101	-1.5									m		6025	
BCI	4.69	0.0	P	05:53:24.676	-0.7									m		6024	
BCI	4.69	0.0	AM1	05:54:21.140								1.1	0.80	a	M1	4.5	3360

DATA_TYPE COMMENT GSE2.1
Event 359

Official Magnitude:
Ml 3.95

Error ellipse:

	Azim	Dip	Mag
Max:	129	33	8.3800
Intermediate:	238	24	4.2600
Min:	355	46	3.9800

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187389 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 361 Mediterranean Sea; 10 km from Moni Strofadon, Ionian Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/04	17:41:00.45		0.07	37.3335	20.9583				18.0	2.0	14	10	293	1.47	5.25	m	
403																	

Magnitude	Err	Nsta	Author	OrigID
Ml	4.6	0.0	7	403
Md	3.9	0.0	9	403

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
LKD2	1.47	351.0	S	17:41:47.593	-1.5									m		6045	
LKD2	1.47	351.0	P	17:41:28.204	-0.0									m		6044	
LKD2	1.47	351.0	AMl	17:42:02.730								30.0	0.86	a	Ml	4.6	3385
LKD2	1.47	351.0	AMd	17:43:02.998								0.0	94.79	a	Md	3.5	3376
IGT	2.25	348.0	S	17:42:10.716	0.1									m		6047	
IGT	2.25	348.0	P	17:41:40.632	0.1									m		6046	
IGT	2.25	348.0	AMd	17:43:43.211								0.0	122.58	a	Md	3.2	3377
SRN	2.65	344.0	S	17:42:21.736	0.1									m		6049	
SRN	2.65	344.0	P	17:41:46.957	0.1									m		6048	
SRN	2.65	344.0	AMl	17:42:50.980								1.7	1.34	a	Ml	4.0	3386
SRN	2.65	344.0	AMd	17:44:04.248								0.0	137.29	a	Md	3.9	3378
LSK	2.84	0.0	P	17:41:50.915	0.0									m		6060	
LSK	2.83	355.0	S	17:42:25.386	0.1									m		6050	
LSK	2.83	355.0	AMl	17:42:55.470								11.5	0.90	a	Ml	4.9	3387
NEST	3.08	1.0	S	17:42:32.012	0.0									m		6052	
NEST	3.08	1.0	P	17:41:52.165	-0.6									m		6051	
NEST	3.08	1.0	AMl	17:42:58.100								4.2	1.50	a	Ml	4.6	3388
NEST	3.08	1.0	AMd	17:44:03.206								0.0	131.04	a	Md	3.9	3379
SCTE	3.36	326.0	S	17:42:39.248	-0.0									m		6054	

SCTE	3.36	326.0	P	17:41:56.818	-0.1	---											m		6053						
SCTE	3.36	326.0	AMl	17:42:47.120		---											1.9	0.78	a	Ml	4.3	3389			
SCTE	3.36	326.0	AMd	17:44:02.581		---											0.0	125.76	a	Md	3.9	3380			
FNA	3.46	5.0	S	17:42:41.848	0.1	---													m			6056			
FNA	3.46	5.0	P	17:41:58.324	-0.0	---													m			6055			
FNA	3.46	5.0	AMl	17:42:56.850		---													3.2	0.64	a	Ml	4.6	3390	
FNA	3.46	5.0	AMd	17:44:20.296		---													0.0	141.97	a	Md	4.0	3381	
THE	3.64	24.0	P	17:42:01.041	-0.1	---														m			6057		
THE	3.64	24.0	AMl	17:42:57.480		---														0.8	0.78	a	Ml	4.1	3391
THE	3.64	24.0	AMd	17:43:45.498		---														0.0	104.46	a	Md	3.7	3382
NOCI	4.59	320.0	P	17:42:15.034	-0.0	---														m			6058		
NOCI	4.59	320.0	AMd	17:45:02.373		---														0.0	167.34	a	Md	4.3	3383
MRVN	5.25	317.0	P	17:42:24.762	0.1	---														m			6059		
MRVN	5.25	317.0	AMd	17:44:56.540		---														0.0	151.78	a	Md	4.2	3384

DATA_TYPE COMMENT GSE2.1
Event 361

Official Magnitude:
Ml 4.57

Error ellipse:

	Azim	Dip	Mag
Max:	164	49	2.6600
Intermediate:	268	11	0.9200
Min:	7	39	0.6700

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187389 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 362 Mediterranean Sea; 14 km from Moni Strofadon, Ionian Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/04	16:51:02.68		0.22	37.1818	20.8863				18.0	31.6	13	10	314	1.62	5.32	m	404

Magnitude	Err	Nsta	Author	OrigID
Ml	3.6	0.0	6	404
Md	3.8	0.0	8	404

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
LKD2	1.61	354.0	S	16:51:55.646	-0.1										m	6062	
LKD2	1.61	354.0	P	16:51:32.896	-0.1										m	6061	
LKD2	1.61	354.0	AMl	16:52:32.510								2.5	1.32	a	Ml	3.6	3400
LKD2	1.61	354.0	AMd	16:53:39.456								0.0	126.56	a	Md	3.8	3392

IGT	2.39	350.0	S	16:52:16.597	0.2	---	m	---	---	---	---	---	---	---	---	---	6064
IGT	2.39	350.0	P	16:51:44.593	-0.2	---	m	---	---	---	---	---	---	---	---	---	6063
IGT	2.39	350.0	AMl	16:52:29.020		---	0.5	0.50	a	Ml	3.4	---	---	---	---	3401	
IGT	2.39	350.0	AMd	16:53:54.878		---	0.0	130.29	a	Md	3.3	---	---	---	---	3393	
SRN	2.78	346.0	S	16:52:27.396	0.1	---	m	---	---	---	---	---	---	---	---	6066	
SRN	2.78	346.0	P	16:51:50.849	-0.2	---	m	---	---	---	---	---	---	---	---	6065	
SRN	2.78	346.0	AMl	16:52:39.000		---	0.2	0.28	a	Ml	3.2	---	---	---	---	3402	
SRN	2.78	346.0	AMd	16:53:48.415		---	0.0	117.57	a	Md	3.8	---	---	---	---	3394	
LSK	2.98	0.0	P	16:51:52.373	0.0	---	m	---	---	---	---	---	---	---	---	6075	
LSK	2.97	356.0	S	16:52:31.385	0.1	---	m	---	---	---	---	---	---	---	---	6067	
LSK	2.97	356.0	AMl	16:53:11.680		---	1.0	0.92	a	Ml	3.9	---	---	---	---	3403	
NEST	3.23	2.0	S	16:52:38.237	0.1	---	m	---	---	---	---	---	---	---	---	6069	
NEST	3.23	2.0	P	16:51:56.649	-0.6	---	m	---	---	---	---	---	---	---	---	6068	
NEST	3.23	2.0	AMl	16:52:49.790		---	0.3	0.52	a	Ml	3.5	---	---	---	---	3404	
NEST	3.23	2.0	AMd	16:53:57.998		---	0.0	121.35	a	Md	3.8	---	---	---	---	3395	
SCTE	3.46	328.0	P	16:52:01.033	0.5	---	m	---	---	---	---	---	---	---	---	6070	
SCTE	3.46	328.0	AMd	16:53:36.956		---	0.0	95.92	a	Md	3.6	---	---	---	---	3396	
FNA	3.62	5.0	S	16:52:48.096	0.1	---	m	---	---	---	---	---	---	---	---	6072	
FNA	3.62	5.0	P	16:52:00.701	-2.2	---	m	---	---	---	---	---	---	---	---	6071	
FNA	3.62	5.0	AMl	16:52:50.120		---	0.4	0.82	a	Ml	3.7	---	---	---	---	3405	
FNA	3.62	5.0	AMd	16:54:04.672		---	0.0	123.97	a	Md	3.9	---	---	---	---	3397	
NOCI	4.67	322.0	P	16:52:18.256	-0.2	---	m	---	---	---	---	---	---	---	---	6073	
NOCI	4.67	322.0	AMd	16:54:31.540		---	0.0	133.28	a	Md	4.0	---	---	---	---	3398	
MRVN	5.32	319.0	P	16:52:27.189	-0.8	---	m	---	---	---	---	---	---	---	---	6074	
MRVN	5.32	319.0	AMd	16:54:48.623		---	0.0	141.43	a	Md	4.2	---	---	---	---	3399	

DATA_TYPE COMMENT GSE2.1
Event 362

Official Magnitude:
Ml 3.58

Error ellipse:

	Azim	Dip	Mag
Max:	0	90	31.6100
Intermediate:	286	0	2.8100
Min:	16	0	1.2100

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187389 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 363 Mediterranean Sea; 17 km from Kalamitsi, Ionian Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/05	02:26:05.26		0.27	38.7888	20.4180				30.8	0.7	35	31	218	0.19	4.60	m	

405

Magnitude	Err	Nsta	Author	OrigID
Ml	5.6	0.0	14	405
Md	4.4	0.0	3	405

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
LKD2	0.19	89.0	S	02:26:16.672	0.2									m		6077
LKD2	0.19	89.0	P	02:26:11.938	0.3									m		6076
LKD2	0.19	89.0	AMl	02:26:18.350								5428.8	0.58	a	Ml	5.9
LKD2	0.19	89.0	AMd	02:28:25.283								0.0	133.35	a	Md	3.7
IGT	0.74	355.0	S	02:26:31.308	-0.2									m		6079
IGT	0.74	355.0	P	02:26:19.974	-0.3									m		6078
IGT	0.74	355.0	AMl	02:26:40.150								363.6	0.66	a	Ml	5.2
SRN	1.14	344.0	S	02:26:43.949	0.0									m		6081
SRN	1.14	344.0	P	02:26:27.246	-0.1									m		6080
SRN	1.14	344.0	AMl	02:27:04.230								109.9	0.86	a	Ml	5.0
SRN	1.14	344.0	AMd	02:30:24.707								0.0	237.46	a	Md	4.4
LSK	1.37	5.0	S	02:26:50.133	0.2									m		6083
LSK	1.37	5.0	P	02:26:30.442	-0.3									m		6082
LSK	1.37	5.0	AMl	02:26:54.820								517.4	0.70	a	Ml	5.8
NEST	1.70	16.0	S	02:26:59.225	0.1									m		6085
NEST	1.70	16.0	P	02:26:36.485	0.4									m		6084
NEST	1.70	16.0	AMl	02:27:03.810								142.0	0.96	a	Ml	5.5
NEST	1.70	16.0	AMd	02:30:41.249								0.0	244.76	a	Md	4.4
VLO	1.82	338.0	S	02:27:01.470	0.2									m		6087
VLO	1.82	338.0	P	02:26:37.144	-0.1									m		6086
VLO	1.82	338.0	AMl	02:27:14.850								291.3	0.56	a	Ml	5.9
KBN	1.85	8.0	S	02:27:02.506	0.1									m		6089
KBN	1.85	8.0	P	02:26:38.133	0.2									m		6088
KBN	1.85	8.0	AMl	02:27:09.860								364.3	0.76	a	Ml	6.0
SCTE	1.98	312.0	S	02:27:06.665	0.1									m		6091
SCTE	1.98	312.0	P	02:26:40.531	0.2									m		6090
SCTE	1.98	312.0	AMl	02:27:22.600								139.8	0.70	a	Ml	5.6
BPA1	2.02	344.0	S	02:27:07.610	0.1									m		6093
BPA1	2.02	344.0	P	02:26:40.973	0.1									m		6092
BPA1	2.02	344.0	AMl	02:27:50.350								218.7	1.68	a	Ml	5.8
FNA	2.12	20.0	S	02:27:10.367	0.1									m		6095
FNA	2.12	20.0	P	02:26:43.006	0.6									m		6094
FNA	2.12	20.0	AMl	02:27:18.530								143.4	0.54	a	Ml	5.7
TIR	2.59	0.0	P	02:26:50.127	0.0									m		6119
TIR	2.59	351.0	S	02:27:22.440	0.2									m		6096
TIR	2.59	351.0	AMl	02:27:46.000								48.5	1.74	a	Ml	5.5
THE	2.69	46.0	S	02:27:24.744	-0.1									m		6098
THE	2.69	46.0	P	02:26:50.107	-0.6									m		6097
THE	2.69	46.0	AMl	02:27:41.270								33.7	1.52	a	Ml	5.3
PHP	2.89	0.0	S	02:27:29.519	0.1									m		6100
PHP	2.89	0.0	P	02:26:53.446	0.1									m		6099
PHP	2.89	0.0	AMl	02:27:43.040								39.6	0.86	a	Ml	5.5
NOCI	3.27	309.0	P	02:26:59.286	0.1									m		6101

PUK	3.27	354.0	S	02:27:39.605	0.0	---										m		6103
PUK	3.27	354.0	P	02:26:58.971	-0.2	---										m		6102
PUK	3.27	354.0	AMl	02:28:19.470		---				39.3	1.28	a	Ml		5.6			3422
ULC	3.29	345.0	P	02:26:58.396	-1.2	---										m		6104
DRME	3.52	345.0	P	02:27:02.045	-0.9	---										m		6105
BCI	3.58	356.0	S	02:27:47.485	-0.1	---										m		6107
BCI	3.58	356.0	P	02:27:03.657	-0.1	---										m		6106
BUM	3.69	343.0	P	02:27:04.312	-1.1	---										m		6108
PVY	3.82	356.0	P	02:27:06.765	-0.5	---										m		6109
CEME	3.92	344.0	P	02:27:07.057	-1.8	---										m		6110
HCV	3.94	339.0	P	02:27:07.266	-1.8	---										m		6111
MRVN	3.96	307.0	P	02:27:09.555	0.2	---										m		6112
BEY	4.09	355.0	P	02:27:10.667	-0.7	---										m		6113
KOME	4.11	351.0	P	02:27:11.085	-0.6	---										m		6114
NKME	4.12	345.0	P	02:27:10.323	-1.5	---										m		6115
BRY	4.35	342.0	P	02:27:13.240	-1.8	---										m		6116
UPM	4.55	346.0	P	02:27:16.257	-1.9	---										m		6117
PLE	4.60	351.0	P	02:27:17.104	-1.7	---										m		6118

DATA_TYPE COMMENT GSE2.1
Event 363

Official Magnitude:
Ml 5.62

Error ellipse:

	Azim	Dip	Mag
Max:	170	39	1.0500
Intermediate:	68	15	0.7600
Min:	321	47	0.5100

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187388 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 364 Mediterranean Sea; 25 km from Agios Nikitas, Ionian Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/05	05:14:36.49		0.16	38.9527	20.4232				13.8	1.2	14	9	177	0.24	2.58	m	
406																	

Magnitude	Err	Nsta	Author	OrigID
Ml	3.6	0.0	7	406
Md	3.8	0.0	5	406

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
-----	------	------	-------	------	------	------	-------	------	------	-----	-----	-----	-----	------	-----------	-------

LKD2	0.24	0.0	P	05:14:41.798	0.0	---	m	---	6135
LKD2	0.25	131.0	S	05:14:46.248	-0.0	---	m	---	6120
LKD2	0.25	131.0	AM1	05:14:49.520		---	31.4	0.40 a M1	3.5 3428
IGT	0.58	353.0	S	05:14:57.037	-0.2	---	m	---	6122
IGT	0.58	353.0	P	05:14:48.268	-0.1	---	m	---	6121
IGT	0.58	353.0	AM1	05:15:00.920		---	6.1	0.32 a M1	3.2 3429
IGT	0.58	353.0	AMd	05:17:53.061		---	0.0	184.79 a Md	3.5 3423
SRN	0.98	341.0	S	05:15:11.036	0.1	---	m	---	6124
SRN	0.98	341.0	P	05:14:55.853	-0.3	---	m	---	6123
SRN	0.98	341.0	AM1	05:15:17.850		---	1.5	0.52 a M1	2.9 3430
SRN	0.98	341.0	AMd	05:17:12.195		---	0.0	136.34 a Md	3.8 3424
LSK	1.20	6.0	S	05:15:17.011	0.1	---	m	---	6126
LSK	1.20	6.0	P	05:15:00.023	0.4	---	m	---	6125
LSK	1.20	6.0	AM1	05:15:24.010		---	8.3	0.82 a M1	3.9 3431
LSK	1.20	6.0	AMd	05:17:20.050		---	0.0	140.03 a Md	3.8 3425
NEST	1.54	18.0	S	05:15:27.601	0.1	---	m	---	6128
NEST	1.54	18.0	P	05:15:05.731	0.1	---	m	---	6127
NEST	1.54	18.0	AM1	05:15:33.000		---	2.3	0.48 a M1	3.6 3432
NEST	1.54	18.0	AMd	05:18:20.617		---	0.0	194.89 a Md	4.2 3426
KBN	1.69	9.0	S	05:15:31.604	0.1	---	m	---	6130
KBN	1.69	9.0	P	05:15:09.839	1.9	---	m	---	6129
KBN	1.69	9.0	AM1	05:15:36.720		---	2.0	0.88 a M1	3.6 3433
KBN	1.69	9.0	AMd	05:17:30.184		---	0.0	140.34 a Md	3.9 3427
SCTE	1.88	308.0	P	05:15:11.730	0.1	---	m	---	6131
FNA	1.97	21.0	S	05:15:40.084	-0.2	---	m	---	6133
FNA	1.97	21.0	P	05:15:13.031	0.1	---	m	---	6132
FNA	1.97	21.0	AM1	05:15:42.890		---	1.7	0.50 a M1	3.7 3434
THE	2.58	48.0	P	05:15:21.280	-0.6	---	m	---	6134

DATA_TYPE COMMENT GSE2.1
Event 364

Official Magnitude:
M1 3.55

Error ellipse:

	Azim	Dip	Mag
Max:	201	61	1.3300
Intermediate:	75	18	0.7900
Min:	337	22	0.3900

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187388 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 366 Mediterranean Sea; 17 km from Agios Nikitas, Ionian Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/06	05:30:04.88		0.57	38.8315	20.4240				30.5	1.8	20	11	317	0.70	3.54	m	

Magnitude	Err	Nsta	Author	OrigID
ML	4.0	0.0	7	408
Md	3.3	0.0	6	408

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
IGT	0.70	355.0	Sg	05:30:29.832	0.0									m		6159	
IGT	0.70	355.0	Pg	05:30:18.205	-0.9									m		6158	
IGT	0.70	355.0	AMd	05:31:06.922								0.0	48.72	a	Md	2.1	3445
SRN	1.10	343.0	S	05:30:42.448	0.1									m		6161	
SRN	1.10	343.0	Pg	05:30:26.417	0.1									m		6160	
SRN	1.10	343.0	AMl	05:30:48.490								2.1	0.50	a	Ml	3.2	3451
SRN	1.10	343.0	AMd	05:31:56.579								0.0	90.16	a	Md	3.4	3446
LSK	1.32	5.0	Sg	05:30:48.753	0.5									m		6163	
LSK	1.32	5.0	Pg	05:30:29.760	0.1									m		6162	
LSK	1.32	5.0	AMl	05:30:57.450								11.2	0.76	a	Ml	4.1	3452
LSK	1.32	5.0	AMd	05:31:51.815								0.0	82.06	a	Md	3.3	3447
NEST	1.65	16.0	Sg	05:30:57.958	0.3									m		6165	
NEST	1.65	16.0	Pg	05:30:35.422	0.4									m		6164	
VLO	1.79	337.0	Sn	05:31:00.849	0.9									m		6167	
VLO	1.79	337.0	Pn	05:30:36.722	0.4									m		6166	
VLO	1.79	337.0	AMl	05:31:22.970								5.9	0.40	a	Ml	4.1	3453
VLO	1.79	337.0	AMd	05:31:58.605								0.0	81.88	a	Md	3.3	3448
KBN	1.81	8.0	Sg	05:31:01.637	0.6									m		6169	
KBN	1.81	8.0	P	05:30:38.652	1.7									m		6168	
KBN	1.81	8.0	AMl	05:31:17.950								3.7	0.98	a	Ml	4.0	3454
KBN	1.81	8.0	AMd	05:31:57.226								0.0	78.57	a	Md	3.3	3449
FNA	2.08	20.0	Sn	05:31:08.441	-0.4									m		6171	
FNA	2.08	20.0	Pn	05:30:42.319	0.9									m		6170	
FNA	2.08	20.0	AMl	05:31:14.580								3.6	0.54	a	Ml	4.1	3455
TIR	2.55	0.0	Pn	05:30:48.229	0.0									m		6179	
TIR	2.55	351.0	Sn	05:31:20.413	-0.4									m		6172	
TIR	2.55	351.0	AMl	05:31:43.290								0.7	0.72	a	Ml	3.6	3456
PHP	2.85	0.0	Sn	05:31:27.292	-0.8									m		6174	
PHP	2.85	0.0	P	05:30:52.178	-0.2									m		6173	
PHP	2.85	0.0	AMl	05:31:57.530								0.9	1.30	a	Ml	3.8	3457
PHP	2.85	0.0	AMd	05:32:16.859								0.0	84.68	a	Md	3.5	3450
PUK	3.23	353.0	Sn	05:31:36.879	-1.3									m		6176	
PUK	3.23	353.0	Pn	05:30:57.182	-1.0									m		6175	
BCI	3.54	356.0	Sn	05:31:44.993	-1.2									m		6178	
BCI	3.54	356.0	Pn	05:31:01.956	-0.8									m		6177	

DATA_TYPE COMMENT GSE2.1
Event 366

Official Magnitude:

M1 3.95

Error ellipse:

	Azim	Dip	Mag
Max:	268	19	2.8900
Intermediate:	177	3	2.2900
Min:	78	71	1.9500

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1551187388 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 367 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/06	15:36:09.71		0.15	38.9103	20.6872				6.4	2.1	10	9	176	0.13	1.94	m	

Magnitude	Err	Nsta	Author	OrigID
M1	3.2	0.0	5	409
Md	3.5	0.0	5	409

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
LKD2	0.12	191.0	Sg	15:36:14.746	-0.2					___				m		6181	
LKD2	0.12	191.0	Pg	15:36:12.773	0.1					___				mc		6180	
LKD2	0.12	191.0	AM1	15:36:19.200						___		36.8	0.68	a	M1	3.3	3463
LKD2	0.12	191.0	AMd	15:36:57.749						___		0.0	44.98	a	Md	2.6	3458
IGT	0.68	337.0	Sg	15:36:33.469	-0.1					___				m		6183	
IGT	0.68	337.0	Pg	15:36:22.544	-0.8					___				md		6182	
IGT	0.68	337.0	AMd	15:38:03.790						___		0.0	101.25	a	Md	2.9	3459
SRN	1.10	332.0	Sg	15:36:48.397	0.0					___				m		6185	
SRN	1.10	332.0	P	15:36:32.064	0.3					___				m		6184	
SRN	1.10	332.0	AM1	15:36:57.760						___		0.5	0.58	a	M1	2.5	3464
SRN	1.10	332.0	AMd	15:38:11.759						___		0.0	99.69	a	Md	3.5	3460
LSK	1.22	0.0	Pg	15:36:34.085	0.0					___				md		6191	
LSK	1.24	357.0	Sg	15:36:51.883	-0.2					___				m		6186	
LSK	1.24	357.0	AM1	15:37:08.170						___		2.1	0.64	a	M1	3.3	3465
NEST	1.53	10.0	Sn	15:37:01.135	-0.1					___				m		6188	
NEST	1.53	10.0	Pg	15:36:39.493	0.3					___				md		6187	
NEST	1.53	10.0	AM1	15:37:09.850						___		0.6	0.70	a	M1	2.9	3466
NEST	1.53	10.0	AMd	15:38:29.635						___		0.0	110.14	a	Md	3.6	3461
FNA	1.94	15.0	Sn	15:37:14.090	-0.1					___				m		6190	
FNA	1.94	15.0	P	15:36:46.732	0.2					___				m		6189	
FNA	1.94	15.0	AM1	15:37:28.710						___		0.6	0.54	a	M1	3.2	3467
FNA	1.94	15.0	AMd	15:38:31.499						___		0.0	104.77	a	Md	3.6	3462

DATA_TYPE COMMENT GSE2.1
Event 367

Official Magnitude:
Ml 3.23

Error ellipse:

	Azim	Dip	Mag
Max:	262	49	2.7700
Intermediate:	99	38	0.7700
Min:	3	9	0.3300

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187387 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 376 Mediterranean Sea; 10 km from Glóssa, Thessaly, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/07	23:22:10.20		0.20	39.2585	23.5902				16.8	6.2	11	7	279	1.46	2.55	m	

Magnitude	Err	Nsta	Author	OrigID
Ml	3.7	0.0	7	416
Md	3.6	0.0	3	416

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
THE	1.46	0.0	Pn	23:22:38.046	0.0									mdi		6308	
THE	1.45	341.0	Sn	23:22:58.342	-0.0									m__		6295	
THE	1.45	341.0	AMl	23:22:59.470								1.6	0.34	a__	Ml	3.3	3555
NEST	2.27	302.0	Sn	23:23:21.798	0.6									m__		6297	
NEST	2.27	302.0	Pn	23:22:50.385	-0.4									mdi		6296	
NEST	2.27	302.0	AMl	23:23:34.170								1.0	0.66	a__	Ml	3.6	3556
NEST	2.27	302.0	AMd	23:24:24.193								0.0	93.81	a__	Md	3.5	3552
FNA	2.28	313.0	Sn	23:23:21.246	-0.1									m__		6299	
FNA	2.28	313.0	P	23:22:50.909	0.1									mci		6298	
FNA	2.28	313.0	AMl	23:23:31.130								1.1	0.52	a__	Ml	3.7	3557
FNA	2.28	313.0	AMd	23:24:29.460								0.0	98.55	a__	Md	3.6	3553
LKD2	2.33	260.0	Sn	23:23:22.720	-0.1									m__		6301	
LKD2	2.33	260.0	Pn	23:22:51.719	0.1									mci		6300	
LKD2	2.33	260.0	AMl	23:23:34.110								1.1	0.96	a__	Ml	3.7	3558
LSK	2.47	293.0	Sn	23:23:26.087	-0.1									m__		6303	
LSK	2.47	293.0	Pn	23:22:53.657	0.0									mci		6302	
LSK	2.47	293.0	AMl	23:23:31.770								1.7	0.78	a__	Ml	3.9	3559
LSK	2.47	293.0	AMd	23:24:35.223								0.0	101.57	a__	Md	3.6	3554
IGT	2.54	278.0	Sn	23:23:26.996	-1.2									m__		6305	

IGT	2.54	278.0	Pn	23:22:54.813	0.1	---										mci	6304
IGT	2.54	278.0	AM1	23:23:43.890		---					0.5	1.00	a__	M1	3.4		3560
KBN	2.55	304.0	Sn	23:23:24.757	-2.8	---										m__	6307
KBN	2.55	304.0	Pn	23:22:54.424	0.0	---										mdi	6306
KBN	2.55	304.0	AM1	23:23:43.250		---					1.1	1.58	a__	M1	3.8		3561

DATA_TYPE COMMENT GSE2.1
Event 376

Official Magnitude:
M1 3.67

Error ellipse:

	Azim	Dip	Mag
Max:	98	48	8.2500
Intermediate:	290	40	1.1900
Min:	195	6	0.7700

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187386 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 377 1.8 km from Skoumtsia, West Macedonia, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/08	14:58:03.52		0.02	40.0315	21.7675				20.1	12.6	6	7	237	0.67	1.51	m	417

Magnitude	Err	Nsta	Author	OrigID
M1	1.6	0.0	4	417
Md	2.8	0.0	3	417

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
NEST	0.67	0.0	P	14:58:22.821	0.0					---				m__		6316
NEST	0.67	306.0	S	14:58:27.052	-0.0					---				m__		6309
NEST	0.67	306.0	AM1	14:58:29.038						---		0.1	0.32	a__	M1	1.4
FNA	0.80	339.0	S	14:58:31.243	0.0					---				m__		6311
FNA	0.80	339.0	P	14:58:19.339	-0.0					---				m__		6310
FNA	0.80	339.0	AM1	14:58:31.688						---		0.1	0.32	a__	M1	1.6
FNA	0.80	339.0	AMd	14:58:48.995						---		0.0	29.66	a__	Md	2.3
IGT	1.21	247.0	S	14:58:43.965	0.0					---				m__		6313
IGT	1.21	247.0	P	14:58:26.665	0.0					---				m__		6312
IGT	1.21	247.0	AM1	14:58:49.248						---		0.0	0.52	a__	M1	1.7
IGT	1.21	247.0	AMd	14:59:58.601						---		0.0	91.94	a__	Md	2.8
LKD2	1.51	216.0	S	14:58:53.084	-0.0					---				m__		6315
LKD2	1.51	216.0	P	14:58:30.915	-0.9					---				m__		6314

LKD2	1.51	216.0	AMl	14:58:53.528	---	0.9	0.28	a__	Ml	3.1	3568
LKD2	1.51	216.0	AMd	14:59:27.708	---	0.0	56.79	a__	Md	3.0	3564

DATA_TYPE COMMENT GSE2.1
Event 377

Official Magnitude:
Ml 1.63

Error ellipse:

	Azim	Dip	Mag
Max:	0	90	12.6000
Intermediate:	282	0	1.0100
Min:	12	0	0.3500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187386 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 378 3.2 km from Athanásios Diákos, Central Greece, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/08	15:08:42.51		0.07	38.6757	22.1507				10.6	2.8	6	12	292	1.17	2.18	m	
OrigID 418																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.9	0.0	3	418
Md	3.2	0.0	3	418

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
LKD2	1.13	0.0	P	15:08:59.016	0.0					---				m__		6324	
LKD2	1.17	277.0	S	15:09:22.590	0.0					---				m__		6317	
LKD2	1.17	277.0	AMl	15:09:27.600						---		1.0	0.46	a__	Ml	2.9	3572
IGT	1.65	302.0	S	15:09:37.561	0.0					---				m__		6319	
IGT	1.65	302.0	P	15:09:13.927	-0.0					---				m__		6318	
IGT	1.65	302.0	AMd	15:10:31.493						---		0.0	77.57	a__	Md	2.7	3569
LSK	1.90	322.0	S	15:09:44.775	-0.0					---				m__		6321	
LSK	1.90	322.0	P	15:09:18.059	-0.1					---				m__		6320	
LSK	1.90	322.0	AMl	15:09:24.920						---		0.3	0.72	a__	Ml	2.9	3573
LSK	1.90	322.0	AMd	15:10:37.454						---		0.0	79.39	a__	Md	3.3	3570
FNA	2.18	345.0	S	15:09:53.321	0.9					---				m__		6323	
FNA	2.18	345.0	P	15:09:22.934	0.5					---				m__		6322	
FNA	2.18	345.0	AMl	15:09:56.750						---		0.1	0.42	a__	Ml	2.5	3574
FNA	2.18	345.0	AMd	15:10:32.842						---		0.0	69.91	a__	Md	3.2	3571

DATA_TYPE COMMENT GSE2.1

Event 378

Official Magnitude:
Ml 2.88

Error ellipse:

	Azim	Dip	Mag
Max:	157	57	3.3500
Intermediate:	332	32	1.1500
Min:	63	2	0.8500

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1551187386 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 379 Mediterranean Sea; 48 km from Limnionas, Ionian Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/08	14:33:24.76		0.02	37.4397	20.3280				17.7	1.1	11	6	342	1.38	3.44	m	419

Magnitude	Err	Nsta	Author	OrigID
Ml	3.7	0.0	6	419
Md	3.3	0.0	5	419

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
LKD2	1.37	10.0	S	14:34:10.296	0.0									m		6326	
LKD2	1.37	10.0	P	14:33:50.589	-0.2									m		6325	
LKD2	1.37	10.0	AMl	14:34:12.510								28.1	0.72	a	Ml	4.5	3580
LKD2	1.37	10.0	AMd	14:34:36.667								0.0	46.08	a	Md	2.7	3575
IGT	2.09	0.0	S	14:34:30.874	-0.0									m		6328	
IGT	2.09	0.0	P	14:34:02.523	-0.0									m		6327	
IGT	2.09	0.0	AMl	14:34:35.590								1.0	0.88	a	Ml	3.5	3581
IGT	2.09	0.0	AMd	14:35:12.919								0.0	70.40	a	Md	2.6	3576
SRN	2.45	355.0	S	14:34:40.868	0.0									m		6330	
SRN	2.45	355.0	P	14:34:08.233	0.0									m		6329	
SRN	2.45	355.0	AMl	14:34:43.860								0.3	0.62	a	Ml	3.1	3582
SRN	2.45	355.0	AMd	14:35:25.321								0.0	77.09	a	Md	3.3	3577
LSK	2.71	4.0	S	14:34:46.750	-0.0									m		6332	
LSK	2.71	4.0	P	14:34:11.621	0.0									m		6331	
LSK	2.71	4.0	AMl	14:34:54.960								2.0	0.68	a	Ml	4.1	3583
LSK	2.71	4.0	AMd	14:35:27.604								0.0	75.98	a	Md	3.3	3578
NEST	3.03	0.0	P	14:34:15.583	0.0									m		6336	
NEST	3.02	10.0	S	14:34:54.915	-0.0									m		6333	
NEST	3.02	10.0	AMl	14:35:04.160								0.7	0.76	a	Ml	3.8	3584
FNA	3.44	13.0	S	14:35:05.599	0.0									m		6335	

NEST 2.82 346.0 AM1 13:40:00.248 _____ 0.1 0.60 a__ M1 2.6 3592

DATA_TYPE COMMENT GSE2.1
Event 380

Official Magnitude:
M1 2.64

Error ellipse:

	Azim	Dip	Mag
Max:	210	39	3.1400
Intermediate:	75	39	1.3300
Min:	322	25	0.9800

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187386 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 381 Mediterranean Sea; 25 km from Limnionas, Ionian Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/08	19:57:20.76		0.00	37.5752	20.5168				17.5	1.8	4	5	348	1.21	2.87	m	
OrigID	421																

Magnitude	Err	Nsta	Author	OrigID
M1	2.8	0.0	2	421
Md	2.6	0.0	2	421

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
LKD2	1.22	5.0	S	19:58:01.505	0.0					___				m__		6347
LKD2	1.22	5.0	P	19:57:42.987	-1.1					___				m__		6346
LKD2	1.22	5.0	AM1	19:58:08.240						___		1.0	0.44	a__ M1	3.0	3595
LKD2	1.22	5.0	AMd	19:58:28.658						___		0.0	45.67	a__ Md	2.7	3593
IGT	1.96	356.0	S	19:58:23.598	0.0					___				m__		6349
IGT	1.96	356.0	P	19:57:56.668	0.0					___				m__		6348
IGT	1.96	356.0	AMd	19:58:55.377						___		0.0	58.71	a__ Md	2.4	3594
NEST	2.87	0.0	P	19:58:08.613	0.0					___				m__		6351
NEST	2.87	8.0	S	19:58:46.927	0.0					___				m__		6350
NEST	2.87	8.0	AM1	19:58:59.400						___		0.1	0.90	a__ M1	2.7	3596

DATA_TYPE COMMENT GSE2.1
Event 381

Official Magnitude:
M1 2.80

Error ellipse:

	Azim	Dip	Mag
Max:	103	4	4.2200
Intermediate:	211	75	1.8100
Min:	12	14	1.3500

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1551187387 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 376 Mediterranean Sea; 10 km from Glóssa, Thessaly, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/07	23:22:10.20		0.20	39.2585	23.5902				16.8	6.2	11	7	279	1.46	2.55	m	

Magnitude	Err	Nsta	Author	OrigID
Ml	3.7	0.0	7	416
Md	3.6	0.0	3	416

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
THE	1.46	0.0	Pn	23:22:38.046	0.0									mdi		6308
THE	1.45	341.0	Sn	23:22:58.342	-0.0									m		6295
THE	1.45	341.0	AMl	23:22:59.470								1.6	0.34	a	Ml	3.3
NEST	2.27	302.0	Sn	23:23:21.798	0.6									m		6297
NEST	2.27	302.0	Pn	23:22:50.385	-0.4									mdi		6296
NEST	2.27	302.0	AMl	23:23:34.170								1.0	0.66	a	Ml	3.6
NEST	2.27	302.0	AMd	23:24:24.193								0.0	93.81	a	Md	3.5
FNA	2.28	313.0	Sn	23:23:21.246	-0.1									m		6299
FNA	2.28	313.0	P	23:22:50.909	0.1									mci		6298
FNA	2.28	313.0	AMl	23:23:31.130								1.1	0.52	a	Ml	3.7
FNA	2.28	313.0	AMd	23:24:29.460								0.0	98.55	a	Md	3.6
LKD2	2.33	260.0	Sn	23:23:22.720	-0.1									m		6301
LKD2	2.33	260.0	Pn	23:22:51.719	0.1									mci		6300
LKD2	2.33	260.0	AMl	23:23:34.110								1.1	0.96	a	Ml	3.7
LSK	2.47	293.0	Sn	23:23:26.087	-0.1									m		6303
LSK	2.47	293.0	Pn	23:22:53.657	0.0									mci		6302
LSK	2.47	293.0	AMl	23:23:31.770								1.7	0.78	a	Ml	3.9
LSK	2.47	293.0	AMd	23:24:35.223								0.0	101.57	a	Md	3.6
IGT	2.54	278.0	Sn	23:23:26.996	-1.2									m		6305
IGT	2.54	278.0	Pn	23:22:54.813	0.1									mci		6304
IGT	2.54	278.0	AMl	23:23:43.890								0.5	1.00	a	Ml	3.4
KBN	2.55	304.0	Sn	23:23:24.757	-2.8									m		6307
KBN	2.55	304.0	Pn	23:22:54.424	0.0									mdi		6306
KBN	2.55	304.0	AMl	23:23:43.250								1.1	1.58	a	Ml	3.8

DATA_TYPE COMMENT GSE2.1
Event 376

Official Magnitude:
Ml 3.67

Error ellipse:

	Azim	Dip	Mag
Max:	98	48	8.2500
Intermediate:	290	40	1.1900
Min:	195	6	0.7700

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187386 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 378 3.2 km from Athanásios Diákos, Central Greece, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/08	15:08:42.51		0.07	38.6757	22.1507				10.6	2.8	6	12	292	1.17	2.18	m	
418																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.9	0.0	3	418
Md	3.2	0.0	3	418

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
LKD2	1.13	0.0	P	15:08:59.016	0.0									m		6324	
LKD2	1.17	277.0	S	15:09:22.590	0.0									m		6317	
LKD2	1.17	277.0	AMl	15:09:27.600								1.0	0.46	a	Ml	2.9	3572
IGT	1.65	302.0	S	15:09:37.561	0.0									m		6319	
IGT	1.65	302.0	P	15:09:13.927	-0.0									m		6318	
IGT	1.65	302.0	AMd	15:10:31.493								0.0	77.57	a	Md	2.7	3569
LSK	1.90	322.0	S	15:09:44.775	-0.0									m		6321	
LSK	1.90	322.0	P	15:09:18.059	-0.1									m		6320	
LSK	1.90	322.0	AMl	15:09:24.920								0.3	0.72	a	Ml	2.9	3573
LSK	1.90	322.0	AMd	15:10:37.454								0.0	79.39	a	Md	3.3	3570
FNA	2.18	345.0	S	15:09:53.321	0.9									m		6323	
FNA	2.18	345.0	P	15:09:22.934	0.5									m		6322	
FNA	2.18	345.0	AMl	15:09:56.750								0.1	0.42	a	Ml	2.5	3574
FNA	2.18	345.0	AMd	15:10:32.842								0.0	69.91	a	Md	3.2	3571

DATA_TYPE COMMENT GSE2.1
Event 378

Official Magnitude:

M1 2.88

Error ellipse:

	Azim	Dip	Mag
Max:	157	57	3.3500
Intermediate:	332	32	1.1500
Min:	63	2	0.8500

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1551187386 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 379 Mediterranean Sea; 48 km from Limnionas, Ionian Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/08	14:33:24.76		0.02	37.4397	20.3280				17.7	1.1	11	6	342	1.38	3.44	m	

Magnitude	Err	Nsta	Author	OrigID
M1	3.7	0.0	6	419
Md	3.3	0.0	5	419

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
LKD2	1.37	10.0	S	14:34:10.296	0.0					---				m		6326
LKD2	1.37	10.0	P	14:33:50.589	-0.2					---				m		6325
LKD2	1.37	10.0	AM1	14:34:12.510						---		28.1	0.72	a	M1	4.5
LKD2	1.37	10.0	AMd	14:34:36.667						---		0.0	46.08	a	Md	2.7
IGT	2.09	0.0	S	14:34:30.874	-0.0					---				m		6328
IGT	2.09	0.0	P	14:34:02.523	-0.0					---				m		6327
IGT	2.09	0.0	AM1	14:34:35.590						---		1.0	0.88	a	M1	3.5
IGT	2.09	0.0	AMd	14:35:12.919						---		0.0	70.40	a	Md	2.6
SRN	2.45	355.0	S	14:34:40.868	0.0					---				m		6330
SRN	2.45	355.0	P	14:34:08.233	0.0					---				m		6329
SRN	2.45	355.0	AM1	14:34:43.860						---		0.3	0.62	a	M1	3.1
SRN	2.45	355.0	AMd	14:35:25.321						---		0.0	77.09	a	Md	3.3
LSK	2.71	4.0	S	14:34:46.750	-0.0					---				m		6332
LSK	2.71	4.0	P	14:34:11.621	0.0					---				m		6331
LSK	2.71	4.0	AM1	14:34:54.960						---		2.0	0.68	a	M1	4.1
LSK	2.71	4.0	AMd	14:35:27.604						---		0.0	75.98	a	Md	3.3
NEST	3.03	0.0	P	14:34:15.583	0.0					---				m		6336
NEST	3.02	10.0	S	14:34:54.915	-0.0					---				m		6333
NEST	3.02	10.0	AM1	14:35:04.160						---		0.7	0.76	a	M1	3.8
FNA	3.44	13.0	S	14:35:05.599	0.0					---				m		6335
FNA	3.44	13.0	P	14:34:22.407	0.0					---				m		6334
FNA	3.44	13.0	AM1	14:35:12.760						---		0.4	0.56	a	M1	3.6
FNA	3.44	13.0	AMd	14:35:34.946						---		0.0	72.54	a	Md	3.3

DATA_TYPE COMMENT GSE2.1
 Event 379

Official Magnitude:
 M1 3.71

Error ellipse:

	Azim	Dip	Mag
Max:	111	20	2.2300
Intermediate:	230	51	1.4100
Min:	8	31	0.7300

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1551187386 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 380 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/08	13:38:08.50		0.04	37.6902	21.9870				18.0	2.0	7	6	331	1.52	2.82	m	

Magnitude	Err	Nsta	Author	OrigID
M1	2.6	0.0	4	420
Md	3.2	0.0	3	420

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
LKD2	1.52	317.0	S	13:38:58.460	-0.0									m		6338	
LKD2	1.52	317.0	P	13:38:36.208	-0.9									m		6337	
LKD2	1.52	317.0	AM1	13:39:05.368								1.2	0.56	a	M1	3.3	3589
LKD2	1.52	317.0	AMd	13:39:46.522								0.0	70.31	a	Md	3.2	3586
IGT	2.25	326.0	S	13:39:18.755	0.0									m		6340	
IGT	2.25	326.0	P	13:38:48.653	0.0									m		6339	
IGT	2.25	326.0	AM1	13:39:24.438								0.1	0.36	a	M1	2.6	3590
IGT	2.25	326.0	AMd	13:40:07.172								0.0	78.52	a	Md	2.7	3587
SRN	2.68	326.0	S	13:39:30.477	-0.0									m		6342	
SRN	2.68	326.0	P	13:38:55.245	-0.1									m		6341	
SRN	2.68	326.0	AM1	13:39:49.248								0.1	0.58	a	M1	2.7	3591
LSK	2.68	337.0	P	13:38:54.866	-0.0									m		6343	
LSK	2.68	337.0	AMd	13:40:46.522								0.0	111.66	a	Md	3.7	3588
NEST	2.82	0.0	P	13:38:59.556	0.0									m		6345	
NEST	2.82	346.0	S	13:39:33.356	0.0									m		6344	
NEST	2.82	346.0	AM1	13:40:00.248								0.1	0.60	a	M1	2.6	3592

DATA_TYPE COMMENT GSE2.1

Event 380

Official Magnitude:

Ml 2.64

Error ellipse:

	Azim	Dip	Mag
Max:	210	39	3.1400
Intermediate:	75	39	1.3300
Min:	322	25	0.9800

BEGIN GSE2.1

MSG_TYPE DATA

MSG_ID 1551187386 athena

DATA_TYPE BULLETIN GSE2.1:SHORT

Event 381 Mediterranean Sea; 25 km from Limnionas, Ionian Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/08	19:57:20.76		0.00	37.5752	20.5168				17.5	1.8	4	5	348	1.21	2.87	m	421

Magnitude	Err	Nsta	Author	OrigID
Ml	2.8	0.0	2	421
Md	2.6	0.0	2	421

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
LKD2	1.22	5.0	S	19:58:01.505	0.0											6347
LKD2	1.22	5.0	P	19:57:42.987	-1.1											6346
LKD2	1.22	5.0	AMl	19:58:08.240								1.0	0.44	a	Ml	3.0
LKD2	1.22	5.0	AMd	19:58:28.658								0.0	45.67	a	Md	2.7
IGT	1.96	356.0	S	19:58:23.598	0.0											6349
IGT	1.96	356.0	P	19:57:56.668	0.0											6348
IGT	1.96	356.0	AMd	19:58:55.377								0.0	58.71	a	Md	2.4
NEST	2.87	0.0	P	19:58:08.613	0.0											6351
NEST	2.87	8.0	S	19:58:46.927	0.0											6350
NEST	2.87	8.0	AMl	19:58:59.400								0.1	0.90	a	Ml	2.7

DATA_TYPE COMMENT GSE2.1

Event 381

Official Magnitude:

Ml 2.80

Error ellipse:

	Azim	Dip	Mag
Max:	103	4	4.2200

Intermediate: 211 75 1.8100
 Min: 12 14 1.3500

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1551187386 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 384 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/09	12:43:28.16		0.04	39.6826	20.7993				11.1	1.05	14	9	165	0.39	2.63	m	
OrigID 424																	

Magnitude	Err	Nsta	Author	OrigID
Ml	3.1	0.0	7	424
Md	2.6	0.0	8	424

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
LSK	0.39	335.0	S	12:43:42.125	0.0									m		6387
LSK	0.39	335.0	P	12:43:36.158	0.0									m		6386
LSK	0.39	335.0	AMl	12:43:46.400								34.4	0.54	a	Ml	3.6
LSK	0.39	335.0	AMd	12:44:05.208								0.0	29.05	a	Md	2.2
IGT	0.46	236.0	S	12:43:44.676	-0.0									m		6389
IGT	0.46	236.0	P	12:43:37.606	-0.0									m		6388
IGT	0.46	236.0	AMd	12:44:01.105								0.0	23.50	a	Md	1.4
SRN	0.64	278.0	S	12:43:51.166	-0.0									m		6391
SRN	0.64	278.0	P	12:43:40.450	-0.9									m		6390
SRN	0.64	278.0	AMl	12:43:53.280								3.3	0.56	a	Ml	3.0
SRN	0.64	278.0	AMd	12:44:10.222								0.0	29.77	a	Md	2.2
NEST	0.64	0.0	P	12:43:41.269	0.0									m		6402
NEST	0.64	15.0	S	12:43:50.732	0.0									m		6392
NEST	0.64	15.0	AMl	12:43:55.200								3.0	0.32	a	Ml	2.9
KBN	0.83	359.0	S	12:43:56.068	0.0									m		6394
KBN	0.83	359.0	P	12:43:44.104	0.0									m		6393
KBN	0.83	359.0	AMl	12:44:12.120								1.8	0.46	a	Ml	2.9
KBN	0.83	359.0	AMd	12:44:22.074								0.0	37.97	a	Md	2.5
LKD2	1.01	188.0	S	12:44:03.197	0.0									m		6396
LKD2	1.01	188.0	P	12:43:48.278	0.1									m		6395
LKD2	1.01	188.0	AMl	12:44:11.400								3.0	0.70	a	Ml	3.3
LKD2	1.01	188.0	AMd	12:44:31.191								0.0	42.91	a	Md	2.6
FNA	1.07	23.0	S	12:44:05.187	0.0									m		6398
FNA	1.07	23.0	P	12:43:49.314	0.0									m		6397
FNA	1.07	23.0	AMl	12:44:09.050								1.9	0.50	a	Ml	3.1
FNA	1.07	23.0	AMd	12:44:37.572								0.0	48.26	a	Md	2.8
VLO	1.22	304.0	S	12:44:08.704	0.0									m		6400
VLO	1.22	304.0	P	12:43:51.337	0.0									m		6399

VLO	1.22	304.0	AMl	12:44:15.490	---	4.2	0.34	a__	Ml	3.6	3627
VLO	1.22	304.0	AMd	12:44:36.661	---	0.0	45.32	a__	Md	2.7	3619
BCI	2.63	348.0	P	12:44:14.289	-0.6			m__			6401
BCI	2.63	348.0	AMd	12:45:15.407		0.0	61.12	a__	Md	3.1	3620

DATA_TYPE COMMENT GSE2.1
Event 384

Official Magnitude:
Ml 3.11

Error ellipse:

	Azim	Dip	Mag
Max:	284	89	9.4900
Intermediate:	110	0	0.3700
Min:	200	0	0.2100

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187386 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 386 2.0 km from Ágios Pródromos, Central Macedonia, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/09	17:46:27.20		0.06	40.4825	23.3702				23.7	1.5	14	13	296	0.34	2.69	m	426

Magnitude	Err	Nsta	Author	OrigID
Ml	2.8	0.0	7	426
Md	3.4	0.0	7	426

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
THE	0.34	296.0	Sg	17:46:40.515	-0.1									m__		6418
THE	0.34	296.0	Pg	17:46:34.895	0.0									m__		6417
THE	0.34	296.0	AMl	17:46:43.208								1.3	0.18	a__	Ml	2.2
THE	0.34	296.0	AMd	17:47:31.759								0.0	56.86	a__	Md	2.9
FNA	1.54	282.0	Sg	17:47:17.788	0.0									m__		6420
FNA	1.54	282.0	Pg	17:46:56.196	0.1									m__		6419
FNA	1.54	282.0	AMl	17:47:23.158								0.3	0.50	a__	Ml	2.6
FNA	1.54	282.0	AMd	17:48:10.342								0.0	74.15	a__	Md	3.2
NEST	1.77	269.0	Sg	17:47:24.226	0.0									m__		6422
NEST	1.77	269.0	Pg	17:46:59.767	0.0									m__		6421
NEST	1.77	269.0	AMl	17:47:31.428								0.2	0.66	a__	Ml	2.7
NEST	1.77	269.0	AMd	17:48:32.642								0.0	92.87	a__	Md	3.5
KBN	1.97	0.0	Sn	17:47:30.362	0.0									m__		6431
LSK	2.14	262.0	Sn	17:47:33.574	0.0									m__		6424

LSK	2.14	262.0	Pn	17:47:05.082	-0.0	---								m			6423
LSK	2.14	262.0	AMl	17:47:41.968		---				0.3	0.50	a	Ml		3.0		3648
LSK	2.14	262.0	AMd	17:48:30.230		---				0.0	85.15	a	Md		3.4		3641
IGT	2.52	249.0	Sn	17:47:43.448	-0.0	---								m			6426
IGT	2.52	249.0	Pn	17:47:10.862	0.1	---								m			6425
IGT	2.52	249.0	AMl	17:47:49.588		---				0.1	0.54	a	Ml		2.9		3649
IGT	2.52	249.0	AMd	17:48:30.436		---				0.0	79.57	a	Md		2.8		3642
SRN	2.65	258.0	Sn	17:47:47.545	0.1	---								m			6428
SRN	2.65	258.0	Pn	17:47:13.028	-0.0	---								m			6427
SRN	2.65	258.0	AMl	17:47:48.678		---				0.1	0.58	a	Ml		2.8		3650
SRN	2.65	258.0	AMd	17:48:35.656		---				0.0	82.63	a	Md		3.4		3643
LKD2	2.69	232.0	Sn	17:47:47.834	-0.1	---								m			6430
LKD2	2.69	232.0	Pn	17:47:13.273	-0.0	---								m			6429
LKD2	2.69	232.0	AMl	17:47:56.798		---				0.4	0.60	a	Ml		3.4		3651
LKD2	2.69	232.0	AMd	17:48:36.861		---				0.0	83.59	a	Md		3.4		3644

DATA_TYPE COMMENT GSE2.1
Event 386

Official Magnitude:
Ml 2.83

Error ellipse:

	Azim	Dip	Mag
Max:	27	43	2.2100
Intermediate:	277	19	0.7600
Min:	170	41	0.5000

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187385 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 387 0.8 km from Miliá, West Macedonia, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/10	02:07:00.40		0.32	40.2247	21.8123				23.5	1.7	16	10	287	0.61	2.51	m	
427																	

Magnitude	Err	Nsta	Author	OrigID
Ml	3.4	0.0	8	427
Md	3.2	0.0	6	427

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
NEST	0.61	289.0	Sg	02:07:21.842	-0.4									m		6433	
NEST	0.61	289.0	Pg	02:07:12.766	-0.1									m		6432	
NEST	0.61	289.0	AMl	02:07:25.330								9.2	0.28	a	Ml	3.4	3658

FNA	0.65	330.0	Sg	02:07:22.867	-0.3	---	m	---	---	---	---	6435
FNA	0.65	330.0	P	02:07:13.773	0.4	---	m	---	---	---	---	6434
FNA	0.65	330.0	AMl	02:07:24.380		---	7.8	0.18	a	Ml	3.4	3659
FNA	0.65	330.0	AMd	02:08:24.703		---	0.0	70.93	a	Md	3.1	3652
KBN	0.88	298.0	Sg	02:07:29.948	0.4	---			m	---	---	6437
KBN	0.88	298.0	Pg	02:07:17.385	0.3	---			m	---	---	6436
KBN	0.88	298.0	AMl	02:07:32.960		---	15.2	1.08	a	Ml	3.9	3660
KBN	0.88	298.0	AMd	02:08:18.302		---	0.0	60.92	a	Md	3.0	3653
LSK	0.93	266.0	S	02:07:31.619	-0.2	---			m	---	---	6439
LSK	0.93	266.0	P	02:07:18.058	-0.3	---			m	---	---	6438
LSK	0.93	266.0	AMl	02:07:40.160		---	4.1	0.76	a	Ml	3.4	3661
LSK	0.93	266.0	AMd	02:08:52.355		---	0.0	94.30	a	Md	3.4	3654
SRN	1.43	257.0	Sg	02:07:48.320	0.1	---			m	---	---	6441
SRN	1.43	257.0	Pg	02:07:28.259	0.5	---			m	---	---	6440
SRN	1.43	257.0	AMl	02:07:50.500		---	1.0	0.52	a	Ml	3.1	3662
SRN	1.43	257.0	AMd	02:08:43.730		---	0.0	75.47	a	Md	3.2	3655
VLO	1.79	279.0	Sn	02:07:58.318	1.7	---			m	---	---	6443
VLO	1.79	279.0	Pn	02:07:34.676	2.2	---			m	---	---	6442
VLO	1.79	279.0	AMd	02:08:46.033		---	0.0	71.36	a	Md	3.2	3656
PHP	1.79	325.0	S	02:07:57.784	0.4	---			m	---	---	6445
PHP	1.79	325.0	Pn	02:07:32.701	-0.3	---			m	---	---	6444
PHP	1.79	325.0	AMl	02:08:07.940		---	0.9	1.10	a	Ml	3.3	3663
PHP	1.79	325.0	AMd	02:08:38.570		---	0.0	65.87	a	Md	3.1	3657
TIR	1.86	0.0	P	02:07:35.984	0.0	---			m	---	---	6450
TIR	1.86	308.0	Sn	02:07:59.557	-0.0	---			m	---	---	6446
TIR	1.86	308.0	AMl	02:08:14.610		---	0.6	0.74	a	Ml	3.2	3664
PUK	2.32	323.0	S	02:08:12.445	1.1	---			m	---	---	6448
PUK	2.32	323.0	P	02:07:40.928	-0.0	---			m	---	---	6447
PUK	2.32	323.0	AMl	02:08:29.790		---	0.4	0.44	a	Ml	3.3	3665
BCI	2.51	330.0	P	02:07:43.170	-0.6	---			m	---	---	6449

DATA_TYPE COMMENT GSE2.1
Event 387

Official Magnitude:
Ml 3.36

Error ellipse:

	Azim	Dip	Mag
Max:	227	66	1.8300
Intermediate:	126	4	1.5300
Min:	34	23	0.8700

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187385 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 388 Mediterranean Sea; 29 km from Agios Nikitas, Ionian Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/10	14:53:13.59		0.05	38.8772	20.3045				7.5	1.4	9	6	240	0.29	1.64	m	

Magnitude	Err	Nsta	Author	OrigID
Ml	1.7	0.0	3	428
Md	2.8	0.0	4	428

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
LKD2	0.28	0.0	P	14:53:20.595	0.0									m		6460	
LKD2	0.29	107.0	S	14:53:24.384	0.0									m		6451	
LKD2	0.29	107.0	AMl	14:53:28.150								1.3	0.26	a	Ml	2.1	3670
IGT	0.65	1.0	S	14:53:36.402	-0.2									m		6453	
IGT	0.65	1.0	P	14:53:26.649	-0.1									m		6452	
IGT	0.65	1.0	AMl	14:53:41.080								0.2	0.24	a	Ml	1.7	3671
IGT	0.65	1.0	AMd	14:54:08.021								0.0	41.37	a	Md	2.0	3666
SRN	1.03	347.0	S	14:53:49.832	0.0									m		6455	
SRN	1.03	347.0	P	14:53:34.307	0.0									m		6454	
SRN	1.03	347.0	AMl	14:53:56.520								0.0	0.36	a	Ml	1.5	3672
SRN	1.03	347.0	AMd	14:54:34.066								0.0	59.76	a	Md	3.0	3667
LSK	1.29	10.0	S	14:53:57.407	-0.1									m		6457	
LSK	1.29	10.0	P	14:53:38.637	-0.0									m		6456	
LSK	1.29	10.0	AMd	14:54:41.947								0.0	63.31	a	Md	3.0	3668
NEST	1.64	20.0	S	14:54:08.526	0.0									m		6459	
NEST	1.64	20.0	P	14:53:44.977	0.0									m		6458	
NEST	1.64	20.0	AMd	14:54:23.683								0.0	38.71	a	Md	2.6	3669

DATA_TYPE COMMENT GSE2.1
Event 388

Official Magnitude:
Ml 1.71

Error ellipse:

	Azim	Dip	Mag
Max:	223	46	1.9800
Intermediate:	57	43	0.7900
Min:	320	7	0.3600

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187385 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 389 Adriatic Sea; 47 km from Pugnochiuso, Apulia, Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/10	19:00:23.15		0.06	41.8020	16.7440				18.6	1.2	25	25	199	0.85	4.24	m	

OrigID
429

Magnitude	Err	Nsta	Author	OrigID
Ml	3.4	0.0	9	429
Md	3.4	0.0	19	429

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
MRVN	0.85	210.0	S	19:00:52.376	0.1									m		6462	
MRVN	0.85	210.0	P	19:00:39.718	-0.1									m		6461	
MRVN	0.85	210.0	AMl	19:00:57.550								4.9	0.18	a	Ml	3.4	3692
MRVN	0.85	210.0	AMd	19:01:15.386								0.0	35.67	a	Md	2.4	3673
NOCI	1.04	166.0	S	19:00:58.329	0.0									m		6464	
NOCI	1.04	166.0	P	19:00:45.380	2.1									m		6463	
NOCI	1.04	166.0	AMl	19:01:06.630								7.6	0.30	a	Ml	3.7	3693
NOCI	1.04	166.0	AMd	19:01:35.218								0.0	49.84	a	Md	2.8	3674
HCY	1.45	62.0	P	19:00:50.491	0.0									m		6465	
HCY	1.45	62.0	AMd	19:02:07.091								0.0	76.60	a	Md	3.3	3675
BUM	1.68	72.0	P	19:00:54.610	0.0									m		6466	
BUM	1.68	72.0	AMd	19:02:17.451								0.0	82.84	a	Md	3.3	3676
BRY	1.72	49.0	P	19:00:55.381	0.0									m		6467	
BRY	1.72	49.0	AMd	19:02:21.634								0.0	86.25	a	Md	3.4	3677
CEME	1.78	64.0	P	19:00:55.753	-0.5									m		6468	
CEME	1.78	64.0	AMd	19:02:19.961								0.0	84.21	a	Md	3.4	3678
DRME	1.86	77.0	P	19:00:57.531	0.0									m		6469	
DRME	1.86	77.0	AMd	19:02:19.961								0.0	82.43	a	Md	3.3	3679
NKME	1.90	58.0	P	19:00:56.982	-1.2									m		6470	
NKME	1.90	58.0	AMd	19:02:21.634								0.0	84.65	a	Md	3.4	3680
SCTE	2.16	0.0	P	19:01:02.222	0.0									m		6490	
SCTE	2.16	142.0	S	19:01:31.017	0.0									m		6471	
SCTE	2.16	142.0	AMl	19:01:51.160								1.2	0.64	a	Ml	3.7	3694
KOME	2.31	62.0	P	19:01:04.073	0.0									m		6472	
KOME	2.31	62.0	AMd	19:02:46.633								0.0	102.56	a	Md	3.6	3681
PUK	2.36	83.0	S	19:01:35.921	-0.0									m		6474	
PUK	2.36	83.0	P	19:01:04.770	0.0									m		6473	
PUK	2.36	83.0	AMl	19:01:40.080								0.4	0.44	a	Ml	3.3	3695
PUK	2.36	83.0	AMd	19:02:43.942								0.0	99.17	a	Md	3.6	3682
BCI	2.54	76.0	P	19:01:07.344	0.0									m		6475	
BCI	2.54	76.0	AMd	19:02:44.219								0.0	96.88	a	Md	3.6	3683
BEY	2.57	64.0	P	19:01:07.971	0.0									m		6476	
BEY	2.57	64.0	AMd	19:02:25.816								0.0	77.85	a	Md	3.4	3684
PHP	2.77	91.0	S	19:01:46.123	-0.0									m		6478	
PHP	2.77	91.0	P	19:01:11.123	0.6									m		6477	
PHP	2.77	91.0	AMl	19:01:50.020								0.4	0.28	a	Ml	3.4	3696
PHP	2.77	91.0	AMd	19:02:36.691								0.0	85.57	a	Md	3.5	3685
SRN	3.13	126.0	S	19:01:56.546	0.0									m		6480	
SRN	3.13	126.0	P	19:01:16.119	-0.4									m		6479	

SRN	3.13	126.0	AMl	19:01:57.280	---	0.1	0.30	a__	Ml	2.9	3697
SRN	3.13	126.0	AMd	19:02:52.418	---	0.0	96.30	a__	Md	3.6	3686
LSK	3.35	118.0	S	19:02:01.434	-0.0	---	---	m__	---	---	6482
LSK	3.35	118.0	P	19:01:19.353	0.0	---	---	m__	---	---	6481
LSK	3.35	118.0	AMl	19:02:05.410	---	0.2	0.50	a__	Ml	3.4	3698
LSK	3.35	118.0	AMd	19:03:20.188	---	0.0	120.84	a__	Md	3.9	3687
NEST	3.54	111.0	S	19:02:06.391	-0.0	---	---	m__	---	---	6484
NEST	3.54	111.0	P	19:01:22.167	0.0	---	---	m__	---	---	6483
NEST	3.54	111.0	AMl	19:02:12.490	---	0.1	0.48	a__	Ml	3.1	3699
NEST	3.54	111.0	AMd	19:03:26.044	---	0.0	123.88	a__	Md	3.9	3688
IGT	3.55	128.0	S	19:02:06.673	-0.0	---	---	m__	---	---	6486
IGT	3.55	128.0	P	19:01:22.315	0.0	---	---	m__	---	---	6485
IGT	3.55	128.0	AMd	19:03:07.641	---	0.0	105.33	a__	Md	3.1	3689
FNA	3.64	104.0	S	19:02:09.114	-0.0	---	---	m__	---	---	6488
FNA	3.64	104.0	P	19:01:23.722	0.0	---	---	m__	---	---	6487
FNA	3.64	104.0	AMl	19:02:14.040	---	0.2	0.26	a__	Ml	3.3	3700
FNA	3.64	104.0	AMd	19:03:20.010	---	0.0	116.29	a__	Md	3.8	3690
LKD2	4.24	133.0	P	19:01:31.855	-0.7	---	---	m__	---	---	6489
LKD2	4.24	133.0	AMd	19:03:31.063	---	0.0	119.21	a__	Md	3.9	3691

DATA_TYPE COMMENT GSE2.1
Event 389

Official Magnitude:
Ml 3.36

Error ellipse:

	Azim	Dip	Mag
Max:	300	59	1.4300
Intermediate:	127	30	0.3800
Min:	35	3	0.2800

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187384 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 394 Mediterranean Sea; 23 km from Keri, Ionian Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/13	08:39:45.85		0.03	37.4958	20.6508				16.0	1.3	6	5	349	1.30	2.93	m	
434																	

Magnitude	Err	Nsta	Author	OrigID
Ml	3.3	0.0	2	434
Md	3.1	0.0	3	434

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
LKD2	1.29	0.0	S	08:40:29.039	0.0					---				m		6549
LKD2	1.29	0.0	P	08:40:10.487	-0.0					---				m		6548
LKD2	1.29	0.0	AMl	08:40:32.110						---		3.4	0.76	a	Ml	3.5
LKD2	1.29	0.0	AMd	08:41:15.283						---		0.0	64.80	a	Md	3.1
IGT	2.05	354.0	S	08:40:51.247	0.0					---				m		6551
IGT	2.05	354.0	P	08:40:23.188	-0.0					---				m		6550
IGT	2.05	354.0	AMd	08:41:30.358						---		0.0	67.17	a	Md	2.6
NEST	2.93	5.0	S	08:41:13.926	-0.0					---				m		6553
NEST	2.93	5.0	P	08:40:36.247	0.1					---				m		6552
NEST	2.93	5.0	AMl	08:41:56.550						---		0.2	1.84	a	Ml	3.1
NEST	2.93	5.0	AMd	08:42:10.402						---		0.0	94.16	a	Md	3.6

DATA_TYPE COMMENT GSE2.1
Event 394

Official Magnitude:
Ml 3.34

Error ellipse:

	Azim	Dip	Mag
Max:	90	1	4.0200
Intermediate:	182	56	1.6000
Min:	359	34	1.0000

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187384 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 395 2.2 km from Tolofón, Central Greece, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/13	16:18:40.78		0.01	38.3873	22.1910				14.6	6.6	7	4	303	1.27	2.47	m	
435																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.9	0.0	3	435
Md	3.3	0.0	3	435

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
LKD2	1.27	0.0	P	16:18:58.924	0.0					---				m		6561
LKD2	1.27	289.0	S	16:19:23.330	0.0					---				m		6554
LKD2	1.27	289.0	AMl	16:19:24.338						---		1.6	0.60	a	Ml	3.2
IGT	1.85	309.0	S	16:19:41.149	0.0					---				m		6556
IGT	1.85	309.0	P	16:19:15.277	0.0					---				m		6555
IGT	1.85	309.0	AMl	16:20:31.828						---		0.3	2.18	a	Ml	2.9

IGT	1.85	309.0	AMd	16:20:37.635	___	0.0	82.36	a__	Md	2.8	3754	
NEST	2.21	337.0	S	16:19:50.576	-0.0	___		m__			6558	
NEST	2.21	337.0	P	16:19:20.670	0.0	___		m__			6557	
NEST	2.21	337.0	AMl	16:20:02.138		___	0.2	0.66	a__	Ml	2.9	3759
NEST	2.21	337.0	AMd	16:21:15.670		___	0.0	115.00	a__	Md	3.7	3755
FNA	2.47	346.0	S	16:19:57.332	0.0	___		m__			6560	
FNA	2.47	346.0	P	16:19:24.520	0.0	___		m__			6559	
FNA	2.47	346.0	AMd	16:20:42.549		___	0.0	78.03	a__	Md	3.3	3756

DATA_TYPE COMMENT GSE2.1
Event 395

Official Magnitude:
Ml 2.93

Error ellipse:

	Azim	Dip	Mag
Max:	172	50	8.4600
Intermediate:	327	36	0.9900
Min:	66	13	0.6800

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187384 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 397 Mediterranean Sea; 24 km from Anafonitria, Ionian Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/13	16:59:28.52		0.01	37.8762	20.3772				17.8	1.2	4	5	346	0.94	2.59	m	
437																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.8	0.0	3	437
Md	2.8	0.0	2	437

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
LKD2	0.94	13.0	S	17:00:00.563	0.0					___				m__		6579	
LKD2	0.94	13.0	P	16:59:44.246	-2.6					___				m__		6578	
LKD2	0.94	13.0	AMl	17:00:10.960						___		1.3	0.66	a__	Ml	2.9	3776
LKD2	0.94	13.0	AMd	17:00:39.136						___		0.0	54.89	a__	Md	2.9	3774
IGT	1.65	359.0	S	17:00:22.768	0.0					___				m__		6581	
IGT	1.65	359.0	P	16:59:59.521	0.0					___				m__		6580	
IGT	1.65	359.0	AMl	17:00:28.780						___		0.3	1.50	a__	Ml	2.8	3777
IGT	1.65	359.0	AMd	17:01:19.729						___		0.0	80.21	a__	Md	2.7	3775
NEST	2.59	0.0	P	17:00:12.222	0.0					___				m__		6583	
NEST	2.59	11.0	S	17:00:47.484	0.0					___				m__		6582	

NEST 2.59 11.0 AM1 17:00:52.340 _____ 0.1 0.52 a__ M1 2.7 3778

DATA_TYPE COMMENT GSE2.1
Event 397

Official Magnitude:
M1 2.75

Error ellipse:

	Azim	Dip	Mag
Max:	279	19	3.1600
Intermediate:	172	41	1.8200
Min:	28	43	1.3300

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187383 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 403 1.2 km from Samári, Central Macedonia, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/15	05:25:11.12		0.22	40.8110	22.0838				13.3	1.0	22	32	146	0.53	2.81	m	
OrigID 443																	

Magnitude	Err	Nsta	Author	OrigID
M1	3.1	0.0	9	443

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
FNA	0.53	268.0	S	05:25:29.842	-0.3					---				m__		6681
FNA	0.53	268.0	P	05:25:22.307	0.3					---				m__		6680
FNA	0.53	268.0	AM1	05:25:33.498						---		3.2	0.40	a__ M1	2.8	3816
FNA	0.53	268.0	AM1	05:25:34.728						---		5.4	0.30	a__ M1	3.0	3815
THE	0.69	104.0	S	05:25:35.572	0.1					---				m__		6683
THE	0.69	104.0	P	05:25:24.972	-0.1					---				m__		6682
THE	0.69	104.0	AM1	05:25:39.148						---		1.3	0.34	a__ M1	2.6	3817
NEST	0.88	244.0	S	05:25:41.686	0.0					---				m__		6685
NEST	0.88	244.0	P	05:25:28.615	0.1					---				m__		6684
NEST	0.88	244.0	AM1	05:25:45.158						---		2.6	0.62	a__ M1	3.1	3818
KBN	1.00	260.0	S	05:25:45.101	0.3					---				m__		6687
KBN	1.00	260.0	P	05:25:30.881	0.5					---				m__		6686
KBN	1.00	260.0	AM1	05:25:50.738						---		2.2	0.74	a__ M1	3.1	3819
LSK	1.31	241.0	S	05:25:54.962	0.0					---				m__		6689
LSK	1.31	241.0	Pn	05:25:35.915	-0.3					---				m__		6688
LSK	1.31	241.0	AM1	05:25:59.508						---		3.0	0.72	a__ M1	3.5	3820
PHP	1.52	306.0	Sn	05:26:00.810	-0.2					---				m__		6691
PHP	1.52	306.0	Pn	05:25:39.794	0.2					---				m__		6690

PHP	1.52	306.0	AM1	05:26:07.608	---	1.0	0.72	a	M1	3.2	3821
TIR	1.76	0.0	Pn	05:25:44.183	0.0	---	---	m	---	---	6705
TIR	1.76	289.0	Sn	05:26:09.283	0.2	---	---	m	---	---	6692
TIR	1.76	289.0	AM1	05:26:20.078	---	0.4	1.02	a	M1	2.9	3822
SRN	1.84	241.0	Sn	05:26:10.579	-1.7	---	---	m	---	---	6694
SRN	1.84	241.0	Pn	05:25:45.836	-0.2	---	---	m	---	---	6693
SRN	1.84	241.0	AM1	05:26:16.548	---	0.5	0.86	a	M1	3.1	3823
IGT	1.85	228.0	Sn	05:26:11.685	-0.2	---	---	m	---	---	6696
IGT	1.85	228.0	Pn	05:25:46.157	0.3	---	---	m	---	---	6695
PUK	2.06	308.0	Sn	05:26:17.232	0.2	---	---	m	---	---	6698
PUK	2.06	308.0	Pn	05:25:48.777	0.0	---	---	m	---	---	6697
BCI	2.17	317.0	Sn	05:26:20.063	0.1	---	---	m	---	---	6700
BCI	2.17	317.0	P	05:25:50.169	-0.3	---	---	m	---	---	6699
BCI	2.17	317.0	AM1	05:26:32.678	---	0.6	0.58	a	M1	3.4	3824
LKD2	2.30	209.0	Pn	05:25:50.509	-2.0	---	---	m	---	---	6701
BEY	2.63	323.0	Pn	05:25:56.080	-1.2	---	---	m	---	---	6702
KOME	2.80	318.0	Pn	05:25:59.470	-0.4	---	---	m	---	---	6703
BUM	2.81	303.0	Pn	05:25:59.943	-0.1	---	---	m	---	---	6704

DATA_TYPE COMMENT GSE2.1
Event 403

Official Magnitude:
M1 3.11

Error ellipse:

	Azim	Dip	Mag
Max:	170	76	1.0600
Intermediate:	9	12	0.5400
Min:	278	4	0.4200

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187383 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 404 0.7 km from Samári, Central Macedonia, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/15	04:24:19.91		0.32	40.8208	22.1013				12.7	1.4	18	32	148	0.55	2.17	m	444

Magnitude	Err	Nsta	Author	OrigID
M1	2.9	0.0	7	444

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
BCI	0.00	0.0	Pn	04:24:59.058	0.0					---				m		6726

BCI	2.17	317.0	Sn	04:25:28.532	-0.4	---			m				6725
BCI	2.17	317.0	AM1	04:25:39.320		---	0.2	0.50	a	M1	2.9		3833
FNA	0.55	267.0	S	04:24:39.129	-0.3	---			m				6707
FNA	0.55	267.0	P	04:24:31.177	0.1	---			m				6706
FNA	0.55	267.0	AM1	04:24:41.800		---	2.8	0.20	a	M1	2.8		3825
THE	0.68	105.0	S	04:24:43.600	-0.3	---			m				6709
THE	0.68	105.0	P	04:24:33.962	0.4	---			m				6708
THE	0.68	105.0	AM1	04:24:48.010		---	0.5	0.32	a	M1	2.2		3826
NEST	0.90	244.0	S	04:24:51.305	0.3	---			m				6711
NEST	0.90	244.0	P	04:24:36.966	-0.7	---			m				6710
NEST	0.90	244.0	AM1	04:24:54.060		---	0.9	0.64	a	M1	2.7		3827
KBN	1.02	260.0	S	04:24:54.121	0.0	---			m				6713
KBN	1.02	260.0	P	04:24:39.967	0.5	---			m				6712
KBN	1.02	260.0	AM1	04:24:59.640		---	1.0	0.72	a	M1	2.8		3829
KBN	1.02	260.0	AM1	04:24:57.410		---	1.2	0.72	a	M1	2.9		3828
LSK	1.33	241.0	S	04:25:04.104	-0.2	---			m				6715
LSK	1.33	241.0	P	04:24:45.452	0.2	---			m				6714
LSK	1.33	241.0	AM1	04:25:08.410		---	1.4	0.72	a	M1	3.2		3831
LSK	1.33	241.0	AM1	04:25:11.270		---	1.0	0.86	a	M1	3.0		3830
PHP	1.52	306.0	S	04:25:09.844	-0.2	---			m				6717
PHP	1.52	306.0	P	04:24:48.706	0.2	---			m				6716
TIR	1.77	289.0	S	04:25:20.681	2.4	---			m				6719
TIR	1.77	289.0	P	04:24:54.226	1.0	---			m				6718
SRN	1.86	241.0	S	04:25:18.485	-3.1	---			m				6721
SRN	1.86	241.0	P	04:24:54.618	-0.6	---			m				6720
IGT	1.87	228.0	P	04:24:55.120	0.2	---			m				6722
PUK	2.06	308.0	S	04:25:26.426	0.4	---			m				6724
PUK	2.06	308.0	P	04:24:57.622	-0.1	---			m				6723
PUK	2.06	308.0	AM1	04:25:31.950		---	0.2	0.44	a	M1	2.9		3832

DATA_TYPE COMMENT GSE2.1
Event 404

Official Magnitude:
M1 2.89

Error ellipse:

	Azim	Dip	Mag
Max:	161	64	1.5700
Intermediate:	15	21	0.7800
Min:	280	13	0.5300

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187383 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 405 Mediterranean Sea; 54 km from Moni Strofadon, Ionian Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/16	01:57:08.32		0.40	37.2593	20.4002				8.0	2.8	14	9	322	1.54	5.80	m	

Magnitude	Err	Nsta	Author	OrigID
Ml	4.5	0.0	4	445
Md	4.1	0.0	3	445

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
LKD2	1.54	7.0	Sn	01:58:00.366	0.3									m__		6728	
LKD2	1.54	7.0	Pn	01:57:37.050	-0.9									mde		6727	
LKD2	1.54	7.0	AMl	01:58:03.370								21.3	0.66	a__	Ml	4.5	3837
LKD2	1.54	7.0	AMd	02:00:29.932								0.0	172.88	a__	Md	4.1	3834
IGT	2.27	359.0	Sn	01:58:20.486	-0.4									m__		6730	
IGT	2.27	359.0	Pn	01:57:50.700	0.9									mde		6729	
IGT	2.27	359.0	AMd	02:00:53.154								0.0	182.45	a__	Md	3.6	3835
SRN	2.64	354.0	S	01:58:31.394	0.4									m__		6732	
SRN	2.64	354.0	P	01:57:54.950	-0.6									m__		6731	
SRN	2.64	354.0	AMl	01:58:41.060								2.6	0.68	a__	Ml	4.2	3838
LSK	2.89	3.0	S	01:58:37.438	0.8									m__		6734	
LSK	2.89	3.0	P	01:57:58.906	0.1									mce		6733	
LSK	2.89	3.0	AMl	01:58:51.150								6.3	0.76	a__	Ml	4.7	3839
NEST	3.19	8.0	S	01:58:41.665	-3.0									m__		6736	
NEST	3.19	8.0	P	01:58:03.559	0.2									m__		6735	
NEST	3.19	8.0	AMd	02:00:55.823								0.0	172.26	a__	Md	4.2	3836
SCTE	3.19	333.0	P	01:58:03.276	-0.1									m__		6737	
KBN	3.37	5.0	S	01:58:48.489	-0.0									m__		6739	
KBN	3.37	5.0	P	01:58:05.922	0.4									m__		6738	
KBN	3.37	5.0	AMl	01:59:12.770								2.2	1.00	a__	Ml	4.4	3840
FNA	3.60	11.0	S	01:58:55.171	0.0									m__		6741	
FNA	3.60	11.0	Pn	01:58:09.080	-0.3									mde		6740	
SGRT	5.80	0.0	P	01:58:39.223	0.0									m__		6742	

DATA_TYPE COMMENT GSE2.1
Event 405

Official Magnitude:
Ml 4.45

Error ellipse:

	Azim	Dip	Mag
Max:	122	31	5.3600
Intermediate:	245	41	3.8100
Min:	9	33	1.7600

BEGIN GSE2.1

MSG_TYPE DATA
 MSG_ID 1551187382 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 406 1.0 km from Sakellariko, Epirus, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/16	11:25:18.74		0.03	39.7653	20.6317				25.8	0.5	17	11	115	0.33	1.98	m	
446																	

Magnitude	Err	Nsta	Author	OrigID
Ml	3.1	0.0	9	446
Md	3.1	0.0	9	446

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
IGT	0.33	226.0	Sg	11:25:32.376	-0.0									m		6744
IGT	0.33	226.0	Pg	11:25:26.542	0.0									m		6743
IGT	0.33	226.0	AMd	11:26:17.160								0.0	50.62	a	Md	2.2
LSK	0.38	357.0	Sg	11:25:33.706	0.0									m		6746
LSK	0.38	357.0	Pg	11:25:27.326	0.0									m		6745
LSK	0.38	357.0	AMl	11:25:40.508								15.8	0.50	a	Ml	3.4
LSK	0.38	357.0	AMd	11:26:28.603								0.0	61.28	a	Md	2.9
SRN	0.50	284.0	Sg	11:25:37.893	-0.0									m		6748
SRN	0.50	284.0	Pg	11:25:29.696	0.0									m		6747
SRN	0.50	284.0	AMl	11:25:41.888								6.1	0.36	a	Ml	3.1
SRN	0.50	284.0	AMd	11:26:26.741								0.0	57.04	a	Md	2.9
NEST	0.72	26.0	Sg	11:25:43.821	-0.2									m		6750
NEST	0.72	26.0	Pg	11:25:33.163	-0.1									m		6749
NEST	0.72	26.0	AMl	11:25:52.538								2.0	0.40	a	Ml	2.9
NEST	0.72	26.0	AMd	11:26:37.613								0.0	64.45	a	Md	3.0
KBN	0.87	0.0	Pg	11:25:36.670	0.0									m		6761
KBN	0.87	7.0	Sg	11:25:47.591	-0.0									m		6751
KBN	0.87	7.0	AMl	11:26:04.168								1.5	0.52	a	Ml	2.9
LKD2	0.97	178.0	Sg	11:25:51.795	-0.0									m		6753
LKD2	0.97	178.0	Pg	11:25:37.667	0.0									m		6752
LKD2	0.97	178.0	AMl	11:25:56.078								3.5	0.26	a	Ml	3.3
LKD2	0.97	178.0	AMd	11:26:48.057								0.0	70.39	a	Md	3.1
VLO	1.12	310.0	Sn	11:25:55.111	0.1									m		6755
VLO	1.12	310.0	Pn	11:25:39.449	-0.0									m		6754
VLO	1.12	310.0	AMl	11:26:08.468								6.8	0.56	a	Ml	3.7
VLO	1.12	310.0	AMd	11:26:47.771								0.0	68.32	a	Md	3.1
TIR	1.68	340.0	Sn	11:26:13.033	-0.0									m		6757
TIR	1.68	340.0	Pn	11:25:49.788	0.0									m		6756
TIR	1.68	340.0	AMl	11:26:22.798								0.5	0.50	a	Ml	3.0
TIR	1.68	340.0	AMd	11:27:10.660								0.0	80.87	a	Md	3.3
SCTE	1.69	282.0	Sn	11:26:13.233	-0.0									m		6759
SCTE	1.69	282.0	Pn	11:25:49.938	0.1									m		6758
SCTE	1.69	282.0	AMl	11:26:18.538								2.5	0.32	a	Ml	3.7
SCTE	1.69	282.0	AMd	11:27:06.798								0.0	76.86	a	Md	3.3

THE	1.98	63.0	Pn	11:25:54.256	0.0	---											m		6760			
THE	1.98	63.0	AM1	11:26:22.008		---											0.2	0.44	a	M1	2.9	3858
THE	1.98	63.0	AMd	11:26:55.639		---											0.0	61.38	a	Md	3.1	3849

DATA_TYPE COMMENT GSE2.1
Event 406

Official Magnitude:
M1 3.07

Error ellipse:

	Azim	Dip	Mag
Max:	198	82	0.4700
Intermediate:	96	1	0.3300
Min:	6	8	0.2300

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187382 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 408 1.3 km from Katarraktis, Epirus, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/16	16:09:29.02		0.17	39.7898	20.6215				23.1	1.9	11	31	151	0.34	2.32	m	448

Magnitude	Err	Nsta	Author	OrigID
M1	2.4	0.0	5	448
Md	2.4	0.0	3	448

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
IGT	0.34	222.0	S	16:09:42.414	0.0											6774
IGT	0.34	222.0	P	16:09:36.637	-0.0											6773
IGT	0.34	222.0	AM1	16:09:45.490								2.3	0.32	a	M1	3871
IGT	0.34	222.0	AMd	16:10:15.932								0.0	39.29	a	Md	3868
LSK	0.36	358.0	S	16:09:44.241	1.5											6776
LSK	0.36	358.0	P	16:09:37.135	0.3											6775
LSK	0.36	358.0	AM1	16:09:49.990								2.6	0.42	a	M1	3872
LSK	0.36	358.0	AMd	16:10:28.474								0.0	51.34	a	Md	3869
SRN	0.49	281.0	S	16:09:47.287	-0.2											6778
SRN	0.49	281.0	P	16:09:39.710	0.1											6777
SRN	0.49	281.0	AM1	16:09:51.320								0.9	0.28	a	M1	3874
SRN	0.49	281.0	AM1	16:09:50.970								1.2	0.54	a	M1	3873
SRN	0.49	281.0	AMd	16:10:15.867								0.0	36.16	a	Md	3870
NEST	0.71	0.0	P	16:09:43.554	0.0											6786
NEST	0.71	27.0	S	16:09:53.353	-0.3											6779

NEST	0.71	27.0	AM1	16:09:57.160	---	0.4	0.34	a	M1	2.2	3876
NEST	0.71	27.0	AM1	16:09:59.810	---	0.4	0.34	a	M1	2.2	3875
KBN	0.84	8.0	P	16:09:45.177	0.1	---	---	m	---	---	6780
LKD2	1.00	178.0	Sn	16:10:04.179	1.4	---	---	m	---	---	6782
LKD2	1.00	178.0	Pn	16:09:48.257	-0.1	---	---	m	---	---	6781
LKD2	1.00	178.0	AM1	16:10:06.690	---	0.5	0.26	a	M1	2.5	3877
SCTE	1.68	281.0	Sn	16:10:23.775	0.2	---	---	m	---	---	6784
SCTE	1.68	281.0	Pn	16:10:00.327	0.2	---	---	m	---	---	6783
PUK	2.32	347.0	Pn	16:10:09.411	-0.1	---	---	m	---	---	6785

DATA_TYPE COMMENT GSE2.1
Event 408

Official Magnitude:
M1 2.35

Error ellipse:

	Azim	Dip	Mag
Max:	152	84	1.9100
Intermediate:	298	4	0.6800
Min:	28	3	0.4300

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187381 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 411 1.9 km from Arápis, Thessaly, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/17	13:31:49.80		0.02	39.1742	21.8570				10.2	3.6	8	11	275	1.01	2.77	m	451

Magnitude	Err	Nsta	Author	OrigID
M1	2.6	0.0	4	451
Md	3.4	0.0	5	451

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
LKD2	1.01	249.0	Sg	13:32:24.719	-0.0	---	---	---	---	---	---	---	---	m	---	6810	
LKD2	1.01	249.0	Pg	13:32:09.748	-0.0	---	---	---	---	---	---	---	---	m	---	6809	
LKD2	1.01	249.0	AM1	13:32:28.440	---	---	---	---	---	---	---	0.9	0.22	a	M1	2.7	3896
LKD2	1.01	249.0	AMd	13:33:32.912	---	---	---	---	---	---	---	0.0	83.16	a	Md	3.3	3891
IGT	1.24	288.0	Sg	13:32:31.875	-0.0	---	---	---	---	---	---	---	---	m	---	6812	
IGT	1.24	288.0	Pg	13:32:13.856	0.0	---	---	---	---	---	---	---	---	m	---	6811	
IGT	1.24	288.0	AM1	13:32:38.660	---	---	---	---	---	---	---	0.2	0.32	a	M1	2.3	3897
IGT	1.24	288.0	AMd	13:33:37.158	---	---	---	---	---	---	---	0.0	83.30	a	Md	2.7	3892
LSK	1.38	316.0	Sg	13:32:36.010	0.0	---	---	---	---	---	---	---	---	m	---	6814	

LSK	1.38	316.0	Pg	13:32:16.207	0.0	---											m		6813			
LSK	1.38	316.0	AMl	13:32:46.520		---											0.6	0.52	a	Ml	2.9	3898
LSK	1.38	316.0	AMd	13:33:42.010		---											0.0	85.80	a	Md	3.4	3893
NEST	1.39	334.0	Sg	13:32:36.530	-0.0	---													m			6816
NEST	1.39	334.0	Pg	13:32:16.505	0.0	---													m			6815
NEST	1.39	334.0	AMl	13:32:42.510		---											0.2	0.64	a	Ml	2.5	3899
NEST	1.39	334.0	AMd	13:33:41.201		---											0.0	84.70	a	Md	3.4	3894
KBN	1.67	0.0	Pg	13:32:18.519	0.0	---													m			6818
SCTE	2.77	291.0	Pn	13:32:33.895	-4.5	---													m			6817
SCTE	2.77	291.0	AMd	13:34:06.875		---											0.0	92.98	a	Md	3.5	3895

DATA_TYPE COMMENT GSE2.1
Event 411

Official Magnitude:
Ml 2.60

Error ellipse:

	Azim	Dip	Mag
Max:	148	61	4.0400
Intermediate:	282	20	0.8800
Min:	19	19	0.4200

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187381 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 412 2.2 km from Throfarri, Peloponnese, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/17	19:08:01.51		0.90	38.0065	22.5990				8.0	31.6	20	11	292	1.72	4.77	m	452

Magnitude	Err	Nsta	Author	OrigID
Ml	4.5	0.0	11	452
Md	4.3	0.0	4	452

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
LKD2	1.71	298.0	Sn	19:09:01.481	2.8											6820	
LKD2	1.71	298.0	Pn	19:08:33.435	-0.7											6819	
LKD2	1.71	298.0	AMl	19:09:32.690								18.5	0.74	a	Ml	4.6	3904
IGT	2.34	312.0	Sn	19:09:18.286	2.4											6822	
IGT	2.34	312.0	Pn	19:08:42.805	-1.2											6821	
IGT	2.34	312.0	AMl	19:10:02.900								3.1	1.48	a	Ml	4.1	3905
THE	2.64	6.0	Sn	19:09:21.157	-2.4											6824	
THE	2.64	6.0	P	19:08:47.232	-1.2											6823	

THE	2.64	6.0	AM1	19:09:48.550		---	1.0	1.00	a__	M1	3.8	3906
LSK	2.65	325.0	Sn	19:09:24.627	1.0	---			m__			6826
LSK	2.65	325.0	P	19:08:49.301	0.9	---			m__			6825
LSK	2.65	325.0	AM1	19:10:20.080		---	9.4	1.52	a__	M1	4.8	3907
LSK	2.65	325.0	AMd	19:12:06.441		---	0.0	197.14	a__	Md	4.3	3900
SRN	2.76	314.0	Sn	19:09:28.232	0.9	---			m__			6828
SRN	2.76	314.0	Pn	19:08:45.769	-4.8	---			m__			6827
SRN	2.76	314.0	AM1	19:09:42.750		---	1.6	0.76	a__	M1	4.0	3908
SRN	2.76	314.0	AMd	19:11:52.341		---	0.0	186.57	a__	Md	4.2	3901
KBN	2.97	333.0	Sn	19:09:31.954	0.7	---			m__			6830
KBN	2.97	333.0	Pn	19:08:53.921	1.1	---			m__			6829
KBN	2.97	333.0	AM1	19:09:49.550		---	4.1	1.04	a__	M1	4.5	3909
KBN	2.97	333.0	AMd	19:11:41.262		---	0.0	167.34	a__	Md	4.2	3902
VLO	3.44	317.0	S	19:09:43.120	0.0	---			m__			6832
VLO	3.44	317.0	Pn	19:09:00.318	0.8	---			m__			6831
VLO	3.44	317.0	AM1	19:10:05.210		---	4.2	0.70	a__	M1	4.7	3910
TIR	3.90	0.0	Pn	19:09:09.565	0.0	---			m__			6840
TIR	3.95	329.0	Sn	19:09:57.474	0.2	---			m__			6833
TIR	3.95	329.0	AM1	19:11:18.400		---	1.2	1.30	a__	M1	4.3	3911
PHP	4.03	337.0	Sn	19:09:58.065	-0.9	---			m__			6835
PHP	4.03	337.0	Pn	19:09:08.966	0.3	---			m__			6834
PHP	4.03	337.0	AM1	19:10:22.350		---	1.4	1.08	a__	M1	4.4	3912
PUK	4.53	334.0	S	19:10:12.339	0.1	---			m__			6837
PUK	4.53	334.0	Pn	19:09:13.118	-3.1	---			m__			6836
PUK	4.53	334.0	AM1	19:10:36.150		---	1.5	0.82	a__	M1	4.6	3913
PUK	4.53	334.0	AMd	19:12:24.905		---	0.0	191.79	a__	Md	4.4	3903
BCI	4.77	337.0	Sn	19:10:17.664	-0.5	---			m__			6839
BCI	4.77	337.0	P	19:09:18.781	-0.8	---			m__			6838
BCI	4.77	337.0	AM1	19:09:49.200		---	1.5	0.82	a__	M1	4.6	3914

DATA_TYPE COMMENT GSE2.1
Event 412

Official Magnitude:
M1 4.53

Error ellipse:

	Azim	Dip	Mag
Max:	0	90	31.6100
Intermediate:	227	0	4.4800
Min:	317	0	3.8300

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187381 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 416 Mediterranean Sea; 22 km from Agios Nikitas, Ionian Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/18	15:46:33.01		0.04	38.9335	20.4412				25.0	0.9	10	9	178	0.22	1.91	m	

Magnitude	Err	Nsta	Author	OrigID
Ml	3.1	0.0	6	455
Md	3.3	0.0	5	455

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
LKD2	0.22	130.0	Sg	15:46:42.721	0.1									m		6860	
LKD2	0.22	130.0	Pg	15:46:38.575	0.1									m		6859	
LKD2	0.22	130.0	AMl	15:46:45.580								23.3	0.16	a	Ml	3.4	3932
LKD2	0.22	130.0	AMd	15:47:33.825								0.0	55.25	a	Md	2.8	3927
IGT	0.60	352.0	Sg	15:46:53.415	-1.1									m		6862	
IGT	0.60	352.0	Pg	15:46:45.310	0.0									m		6861	
IGT	0.60	352.0	AMl	15:46:59.800								2.6	0.28	a	Ml	2.9	3933
IGT	0.60	352.0	AMd	15:47:59.995								0.0	74.69	a	Md	2.6	3928
SRN	1.00	341.0	Sg	15:47:07.555	-0.0									m		6864	
SRN	1.00	341.0	Pg	15:46:52.807	0.0									m		6863	
SRN	1.00	341.0	AMl	15:47:21.400								0.6	0.78	a	Ml	2.6	3934
SRN	1.00	341.0	AMd	15:48:17.436								0.0	84.63	a	Md	3.3	3929
LSK	1.23	0.0	Pg	15:46:56.706	0.0									m		6870	
LSK	1.22	5.0	Sg	15:47:13.434	0.0									m		6865	
LSK	1.22	5.0	AMl	15:47:29.380								2.8	0.74	a	Ml	3.4	3935
NEST	1.55	17.0	Sn	15:47:23.714	-0.0									m		6867	
NEST	1.55	17.0	Pn	15:47:02.061	0.1									m		6866	
NEST	1.55	17.0	AMl	15:47:29.670								0.6	0.38	a	Ml	3.0	3936
NEST	1.55	17.0	AMd	15:48:31.838								0.0	89.78	a	Md	3.4	3930
SCTE	1.91	308.0	Sn	15:47:33.231	-0.0									m		6869	
SCTE	1.91	308.0	Pn	15:47:07.461	0.0									m		6868	
SCTE	1.91	308.0	AMl	15:47:54.430								0.5	0.50	a	Ml	3.1	3937
SCTE	1.91	308.0	AMd	15:48:50.093								0.0	102.63	a	Md	3.6	3931

DATA_TYPE COMMENT GSE2.1
Event 416

Official Magnitude:
Ml 3.05

Error ellipse:

	Azim	Dip	Mag
Max:	77	69	0.9600
Intermediate:	234	18	0.6100
Min:	326	8	0.3000

BEGIN GSE2.1

MSG_TYPE DATA
 MSG_ID 1551187381 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 417 Mediterranean Sea; 24 km from Limnionas, Ionian Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/18	18:39:38.00		0.05	37.6055	20.5003				7.6	0.7	9	8	343	1.19	2.93	m	

Magnitude	Err	Nsta	Author	OrigID
Ml	3.1	0.0	4	456
Md	3.6	0.0	5	456

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
LKD2	1.19	5.0	Sg	18:40:18.803	-0.0									m		6872
LKD2	1.19	5.0	Pg	18:40:01.400	0.1									m		6871
LKD2	1.19	5.0	AMl	18:40:28.130								1.6	0.80	a	Ml	3.1
LKD2	1.19	5.0	AMd	18:41:23.575								0.0	82.17	a	Md	3.3
IGT	1.93	357.0	Sg	18:40:41.745	-0.0									m		6874
IGT	1.93	357.0	Pg	18:40:14.461	0.0									m		6873
IGT	1.93	357.0	AMd	18:41:53.599								0.0	99.14	a	Md	2.9
SRN	2.30	351.0	Sn	18:40:52.238	0.0									m		6876
SRN	2.30	351.0	Pn	18:40:20.408	-0.0									m		6875
SRN	2.30	351.0	AMl	18:41:02.890								0.1	0.70	a	Ml	2.8
SRN	2.30	351.0	AMd	18:41:58.869								0.0	98.46	a	Md	3.6
LSK	2.55	0.0	Pn	18:40:24.346	0.0									m		6881
LSK	2.54	1.0	Sn	18:40:57.427	-0.0									m		6877
NEST	2.84	8.0	Sn	18:41:05.351	0.1									m		6879
NEST	2.84	8.0	Pn	18:40:27.794	-0.1									m		6878
NEST	2.84	8.0	AMl	18:41:34.510								0.1	0.92	a	Ml	3.0
NEST	2.84	8.0	AMd	18:42:28.281								0.0	120.49	a	Md	3.8
SCTE	2.93	328.0	Pn	18:40:26.780	-2.5									m		6880
SCTE	2.93	328.0	AMl	18:41:29.630								0.3	0.82	a	Ml	3.3
SCTE	2.93	328.0	AMd	18:42:32.135								0.0	125.35	a	Md	3.9

DATA_TYPE COMMENT GSE2.1
 Event 417

Official Magnitude:
 Ml 3.06

Error ellipse:

	Azim	Dip	Mag
Max:	95	7	2.6700
Intermediate:	186	7	0.9300
Min:	320	80	0.7100

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1551187381 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 418 Mediterranean Sea; 51 km from Kounopetra, Ionian Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/18	19:42:40.47		0.03	37.8215	19.9828				2.1	1.2	11	8	305	1.11	2.72	m	

Magnitude	Err	Nsta	Author	OrigID
Ml	3.2	0.0	6	457
Md	3.7	0.0	5	457

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
LKD2	1.10	28.0	Sg	19:43:18.985	-0.0									m		6883	
LKD2	1.10	28.0	Pg	19:43:02.521	0.0									m		6882	
LKD2	1.10	28.0	AMl	19:43:28.660								4.2	0.32	a	Ml	3.5	3952
LKD2	1.10	28.0	AMd	19:44:36.065								0.0	93.54	a	Md	3.4	3947
IGT	1.73	8.0	Sg	19:43:39.104	0.0									m		6885	
IGT	1.73	8.0	Pg	19:43:13.911	-0.0									m		6884	
IGT	1.73	8.0	AMl	19:43:57.520								0.5	0.74	a	Ml	3.1	3953
IGT	1.73	8.0	AMd	19:45:01.137								0.0	107.23	a	Md	3.0	3948
SRN	2.05	0.0	Sg	19:43:49.607	0.1									m		6887	
SRN	2.05	0.0	Pg	19:43:19.979	0.0									m		6886	
SRN	2.05	0.0	AMl	19:44:09.180								0.3	0.66	a	Ml	3.0	3954
SRN	2.05	0.0	AMd	19:45:17.103								0.0	117.12	a	Md	3.7	3949
LSK	2.38	0.0	Pn	19:43:24.299	0.0									m		6893	
LSK	2.37	11.0	Sn	19:43:56.881	-0.0									m		6888	
LSK	2.37	11.0	AMl	19:44:13.730								0.8	0.90	a	Ml	3.6	3955
SCTE	2.54	333.0	Sn	19:44:01.458	-0.0									m		6890	
SCTE	2.54	333.0	Pn	19:43:26.725	-0.0									m		6889	
SCTE	2.54	333.0	AMl	19:44:23.390								0.4	0.52	a	Ml	3.3	3956
SCTE	2.54	333.0	AMd	19:45:36.105								0.0	129.38	a	Md	3.9	3950
NEST	2.72	17.0	Sn	19:44:05.964	-0.0									m		6892	
NEST	2.72	17.0	Pn	19:43:29.382	0.0									m		6891	
NEST	2.72	17.0	AMl	19:44:21.490								0.2	0.74	a	Ml	3.1	3957
NEST	2.72	17.0	AMd	19:45:28.828								0.0	119.45	a	Md	3.8	3951

DATA_TYPE COMMENT GSE2.1
 Event 418

Official Magnitude:
 Ml 3.24

Error ellipse:
 Azim Dip Mag

Max: 149 37 1.9400
 Intermediate: 266 30 0.6800
 Min: 23 38 0.6500

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1551187381 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 419 3.0 km from Lago della Contessa, Apulia, Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/18	22:22:02.18		0.06	41.4772	15.7852				1.4	1.6	6	11	214	0.27	2.47	m	
458																	

Magnitude	Err	Nsta	Author	OrigID
Ml	1.9	0.0	3	458
Md	2.5	0.0	2	458

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
SGRT	0.27	0.0	Pg	22:22:08.535	0.0											6901
SGRT	0.27	357.0	Sg	22:22:12.983	-0.0											6894
SGRT	0.27	357.0	AMl	22:22:12.910								0.8	0.26	a__	Ml	1.9
MRVN	0.52	143.0	Sn	22:22:21.413	0.0											6896
MRVN	0.52	143.0	Pn	22:22:13.084	-0.1											6895
MRVN	0.52	143.0	AMl	22:22:25.030								0.2	0.10	a__	Ml	1.6
MRVN	0.52	143.0	AMd	22:22:43.692								0.0	30.61	a__	Md	2.3
NOCI	1.19	125.0	Sg	22:22:42.296	-1.4											6898
NOCI	1.19	125.0	Pg	22:22:25.896	-0.0											6897
NOCI	1.19	125.0	AMl	22:22:45.890								0.2	0.18	a__	Ml	2.3
NOCI	1.19	125.0	AMd	22:23:15.758								0.0	49.86	a__	Md	2.8
SCTE	2.47	123.0	Sn	22:23:21.529	-0.0											6900
SCTE	2.47	123.0	Pn	22:22:47.645	0.1											6899

DATA_TYPE COMMENT GSE2.1
 Event 419

Official Magnitude:
 Ml 1.88

Error ellipse:

	Azim	Dip	Mag
Max:	252	21	4.1800
Intermediate:	60	67	1.0100
Min:	160	4	0.3300

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1551187380 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 421 Mediterranean Sea; 9 km from Moni Strofadon, Ionian Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/19	02:59:35.15		0.42	37.3200	21.0710				8.0	3.2	9	6	325	1.50	3.42	m	

Magnitude	Err	Nsta	Author	OrigID
Ml	3.9	0.0	5	460
Md	3.7	0.0	2	460

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
LKD2	1.50	348.0	Sg	03:00:25.935	0.2					---					m__	6911	
LKD2	1.50	348.0	Pg	03:00:04.944	0.9					---					mci	6910	
LKD2	1.50	348.0	AMl	03:00:41.720						---		5.7	0.72	a__	Ml	3.9	3970
LKD2	1.50	348.0	AMd	03:02:27.240						---		0.0	142.30	a__	Md	3.9	3968
IGT	2.28	346.0	Sg	03:00:47.385	-0.7					---					m__	6913	
IGT	2.28	346.0	Pg	03:00:16.783	-0.1					---					mdi	6912	
IGT	2.28	346.0	AMl	03:01:03.900						---		0.7	0.94	a__	Ml	3.5	3971
IGT	2.28	346.0	AMd	03:03:21.380						---		0.0	184.60	a__	Md	3.6	3969
SRN	2.69	343.0	S	03:00:59.453	0.2					---					m__	6915	
SRN	2.69	343.0	P	03:00:23.317	0.1					---					m__	6914	
LSK	2.85	353.0	Sn	03:01:04.361	1.9					---					m__	6917	
LSK	2.85	353.0	Pn	03:00:23.591	-1.5					---					mde	6916	
LSK	2.85	353.0	AMl	03:01:36.730						---		1.5	1.14	a__	Ml	4.0	3972
NEST	3.09	0.0	Sn	03:01:09.252	0.4					---					m__	6919	
NEST	3.09	0.0	Pn	03:00:28.209	-0.5					---					mdi	6918	
NEST	3.09	0.0	AMl	03:01:38.310						---		0.5	0.84	a__	Ml	3.6	3973
SCTE	3.41	0.0	Pn	03:00:30.071	0.0					---					m__	6921	
SCTE	3.42	325.0	Sn	03:01:17.575	0.1					---					m__	6920	
SCTE	3.42	325.0	AMl	03:01:39.350						---		0.6	0.94	a__	Ml	3.9	3974

DATA_TYPE COMMENT GSE2.1
 Event 421

Official Magnitude:
 Ml 3.86

Error ellipse:

	Azim	Dip	Mag
Max:	119	46	4.4000
Intermediate:	231	18	3.6200
Min:	336	38	2.1600

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1551187380 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 422 Mediterranean Sea; 94 km from Limnionas, Ionian Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/19	05:31:20.58		0.15	37.4542	19.7022				0.1	3.8	9	6	312	1.53	3.14	m	

Magnitude	Err	Nsta	Author	OrigID
Ml	3.7	0.0	6	461
Md	3.5	0.0	2	461

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
LKD2	1.53	29.0	S1	05:32:13.426	-0.1					---				m		6923
LKD2	1.53	29.0	P1	05:31:50.479	-0.4					---				m		6922
LKD2	1.53	29.0	AM1	05:32:13.820						---		8.0	0.54	a	Ml	4.1
LKD2	1.53	29.0	AMd	05:33:47.582						---		0.0	117.10	a	Md	3.7
IGT	2.13	13.0	S1	05:32:29.511	-2.1					---				m		6925
IGT	2.13	13.0	P1	05:32:01.234	0.1					---				m		6924
IGT	2.13	13.0	AM1	05:32:48.320						---		1.1	0.66	a	Ml	3.6
IGT	2.13	13.0	AMd	05:34:24.239						---		0.0	143.01	a	Md	3.3
SRN	2.43	5.0	Sn	05:32:35.648	-4.4					---				m		6927
SRN	2.43	5.0	P1	05:32:05.726	-0.3					---				m		6926
SRN	2.43	5.0	AM1	05:33:00.980						---		0.5	0.56	a	Ml	3.4
SCTE	2.78	0.0	Pn	05:32:13.193	0.0					---				mde		6933
SCTE	2.79	341.0	Sn	05:32:48.525	-0.1					---				m		6930
SCTE	2.79	341.0	AM1	05:33:20.730						---		0.7	0.78	a	Ml	3.7
LSK	2.78	14.0	Sn	05:32:48.013	-0.1					---				m		6929
LSK	2.78	14.0	Pn	05:32:10.531	-0.1					---				mce		6928
LSK	2.78	14.0	AM1	05:33:10.210						---		1.5	0.86	a	Ml	4.0
NEST	3.14	19.0	Sn	05:32:57.551	0.1					---				m		6932
NEST	3.14	19.0	Pn	05:32:16.094	0.1					---				mdi		6931
NEST	3.14	19.0	AM1	05:33:10.620						---		0.3	0.46	a	Ml	3.4

DATA_TYPE COMMENT GSE2.1
 Event 422

Official Magnitude:
 Ml 3.65

Error ellipse:

	Azim	Dip	Mag
Max:	166	35	6.4200
Intermediate:	264	10	1.2900

Min: 8 53 0.9100

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187380 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 427 Mediterranean Sea; 61 km from Limnionas, Ionian Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/20	14:49:07.23		0.03	37.5672	20.0475				0.8	1.3	9	9	314	1.31	2.95	m	466

Magnitude	Err	Nsta	Author	OrigID
Ml	3.2	0.0	5	466
Md	3.6	0.0	5	466

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
LKD2	1.31	21.0	Sg	14:49:53.057	-0.0					___				m		6991	
LKD2	1.31	21.0	Pg	14:49:33.445	0.0					___				m		6990	
LKD2	1.31	21.0	AMl	14:49:58.900						___		3.9	0.54	a	Ml	3.6	4017
LKD2	1.31	21.0	AMd	14:51:11.419						___		0.0	97.97	a	Md	3.5	4012
IGT	1.97	6.0	Sg	14:50:13.806	0.0					___				m		6993	
IGT	1.97	6.0	Pg	14:49:45.264	0.0					___				m		6992	
IGT	1.97	6.0	AMl	14:50:21.390						___		0.4	0.40	a	Ml	3.1	4018
IGT	1.97	6.0	AMd	14:51:20.254						___		0.0	94.99	a	Md	2.9	4013
SRN	2.31	0.0	Sn	14:50:23.287	0.0					___				m		6995	
SRN	2.31	0.0	Pn	14:49:50.725	0.0					___				m		6994	
SRN	2.31	0.0	AMl	14:50:34.700						___		0.1	0.60	a	Ml	2.8	4019
SRN	2.31	0.0	AMd	14:51:31.837						___		0.0	101.11	a	Md	3.6	4014
LSK	2.62	0.0	Pn	14:50:00.866	0.0					___				m		6999	
LSK	2.61	9.0	Sn	14:50:30.252	0.0					___				m		6996	
LSK	2.61	9.0	AMl	14:50:54.350						___		0.4	0.60	a	Ml	3.4	4020
SCTE	2.79	335.0	Pn	14:49:57.387	-0.0					___				m		6997	
SCTE	2.79	335.0	AMl	14:50:42.880						___		0.2	0.34	a	Ml	3.2	4021
SCTE	2.79	335.0	AMd	14:51:48.818						___		0.0	111.43	a	Md	3.7	4015
NEST	2.95	15.0	Pn	14:49:59.719	0.0					___				m		6998	
NEST	2.95	15.0	AMd	14:52:00.745						___		0.0	121.03	a	Md	3.8	4016

DATA_TYPE COMMENT GSE2.1
Event 427

Official Magnitude:
Ml 3.15

Error ellipse:
Azim Dip Mag

Max: 139 29 2.7200
 Intermediate: 252 33 1.1100
 Min: 19 42 0.6100

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1551187379 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 432 Mediterranean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/20	20:20:37.34		0.10	37.7352	20.2473				18.1	1.8	13	10	306	1.10	3.92	m	
OrigID 471																	

Magnitude	Err	Nsta	Author	OrigID
Ml	3.8	0.0	7	471
Md	3.9	0.0	7	471

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
LKD2	1.10	16.0	Sg	20:21:14.426	0.0									m		7041
LKD2	1.10	16.0	Pg	20:20:58.390	-0.1									m		7040
LKD2	1.10	16.0	AMl	20:21:22.460								12.7	0.72	a	Ml	4.0
LKD2	1.10	16.0	AMd	20:22:46.621								0.0	108.23	a	Md	3.6
IGT	1.79	2.0	Sn	20:21:36.136	0.4									m		7043
IGT	1.79	2.0	Pn	20:21:10.860	0.2									m		7042
IGT	1.79	2.0	AMl	20:21:48.800								1.1	0.50	a	Ml	3.4
IGT	1.79	2.0	AMd	20:23:21.397								0.0	130.54	a	Md	3.2
SRN	2.15	355.0	Sn	20:21:45.772	0.1									m		7045
SRN	2.15	355.0	Pn	20:21:16.467	0.1									m		7044
SRN	2.15	355.0	AMl	20:22:05.910								0.8	0.92	a	Ml	3.5
SRN	2.15	355.0	AMd	20:23:28.063								0.0	131.60	a	Md	3.9
LSK	2.43	0.0	Pn	20:21:17.672	0.0									m		7054
LSK	2.43	6.0	Sn	20:21:51.837	-0.0									m		7046
LSK	2.43	6.0	AMl	20:22:28.930								1.7	0.96	a	Ml	3.9
SCTE	2.72	330.0	Sn	20:21:59.701	0.1									m		7048
SCTE	2.72	330.0	Pn	20:21:24.395	0.0									m		7047
SCTE	2.72	330.0	AMl	20:22:36.480								1.0	0.62	a	Ml	3.8
SCTE	2.72	330.0	AMd	20:23:44.033								0.0	139.64	a	Md	4.0
NEST	2.75	12.0	Sn	20:22:00.279	-0.1									m		7050
NEST	2.75	12.0	Pn	20:21:24.722	-0.1									m		7049
NEST	2.75	12.0	AMl	20:22:16.140								0.6	0.54	a	Ml	3.6
NEST	2.75	12.0	AMd	20:23:46.055								0.0	141.33	a	Md	4.0
VLO	2.79	349.0	Pn	20:21:24.877	0.2									m		7051
VLO	2.79	349.0	AMd	20:23:33.926								0.0	129.05	a	Md	3.9
NOCI	3.92	322.0	Sn	20:22:30.557	-0.1									m		7053
NOCI	3.92	322.0	Pn	20:21:41.960	-0.1									m		7052

NOCI	3.92	322.0	AMl	20:23:19.340	---	0.7	0.60	a__	Ml	4.0	4056
NOCI	3.92	322.0	AMd	20:24:28.912	---	0.0	166.95	a__	Md	4.2	4049

DATA_TYPE COMMENT GSE2.1
Event 432

Official Magnitude:
Ml 3.81

Error ellipse:

	Azim	Dip	Mag
Max:	147	46	2.4400
Intermediate:	346	42	0.8400
Min:	247	10	0.7100

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187379 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 434 Mediterranean Sea; 47 km from Limnionas, Ionian Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/21	18:40:36.30		0.03	37.4842	20.2770				8.1	8.6	8	9	321	2.04	2.99	m	
OrigID 473																	

Magnitude	Err	Nsta	Author	OrigID
Ml	3.9	0.0	5	473
Md	3.8	0.0	5	473

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
LKD2	1.34	12.0	Sg	18:41:19.820	-1.9					---				m__		7066	
LKD2	1.34	12.0	Pg	18:41:01.289	-1.0					---				m__		7065	
LKD2	1.34	12.0	AMl	18:41:26.770						---		7.1	0.76	a__	Ml	3.9	4068
LKD2	1.34	12.0	AMd	18:42:45.711						---		0.0	104.42	a__	Md	3.6	4063
IGT	2.04	1.0	Sg	18:41:43.029	-0.1					---				m__		7068	
IGT	2.04	1.0	Pg	18:41:14.458	-0.0					---				m__		7067	
IGT	2.04	1.0	AMd	18:43:08.357						---		0.0	113.90	a__	Md	3.1	4064
SRN	2.40	355.0	Sn	18:41:52.974	0.0					---				m__		7070	
SRN	2.40	355.0	Pn	18:41:20.096	0.0					---				m__		7069	
SRN	2.40	355.0	AMl	18:42:09.100						---		0.9	0.78	a__	Ml	3.6	4069
SRN	2.40	355.0	AMd	18:43:17.652						---		0.0	117.56	a__	Md	3.8	4065
LSK	2.67	0.0	Pn	18:41:22.018	0.0					---				m__		7075	
LSK	2.67	5.0	Sn	18:41:59.025	-0.0					---				m__		7071	
LSK	2.67	5.0	AMl	18:42:22.650						---		1.9	0.92	a__	Ml	4.1	4070
SCTE	2.95	332.0	Pn	18:41:27.796	0.0					---				m__		7072	
SCTE	2.95	332.0	AMl	18:42:22.960						---		1.1	0.58	a__	Ml	3.9	4071

SCTE	2.95	332.0	AMd	18:43:34.228		---								0.0	126.43	a__	Md	3.9	4066
NEST	2.99	11.0	Sn	18:42:07.415	0.1	---										m__			7074
NEST	2.99	11.0	Pn	18:41:28.319	-0.0	---										m__			7073
NEST	2.99	11.0	AMl	18:42:33.660		---								0.5	0.94	a__	Ml	3.6	4072
NEST	2.99	11.0	AMd	18:43:46.964		---								0.0	138.65	a__	Md	4.0	4067

DATA_TYPE COMMENT GSE2.1
Event 434

Official Magnitude:
Ml 3.89

Error ellipse:

		Azim	Dip	Mag
Max:		174	50	11.1000
Intermediate:		278	10	1.9800
Min:		16	38	0.8100

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187379 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 435 1.6 km from Hamzići, Federation of B&H, Bosnia and Herzegovina

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/22	13:56:42.87		0.10	43.6987	18.5735				9.0	0.8	12	17	279	0.70	3.12	m	
474																	

Magnitude	Err	Nsta	Author	OrigID
Ml	3.0	0.0	2	474
Md	3.2	0.0	9	474

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
PLE	0.70	121.0	Pn	13:56:57.005	0.1					---				mci		7076	
PLE	0.70	121.0	AMd	13:57:40.547						---		0.0	43.54	a__	Md	2.6	4073
BRY	0.80	182.0	Pn	13:56:58.791	0.0					---				mdi		7077	
BRY	0.80	182.0	AMd	13:58:19.513						---		0.0	80.72	a__	Md	3.3	4074
NKME	0.97	163.0	Pn	13:57:01.485	-0.6					---				mde		7078	
NKME	0.97	163.0	AMd	13:58:08.215						---		0.0	66.73	a__	Md	3.1	4075
KOME	1.09	140.0	Pn	13:57:04.181	-0.2					---				mde		7079	
KOME	1.09	140.0	AMd	13:58:12.025						---		0.0	67.84	a__	Md	3.1	4076
CEME	1.18	167.0	Pn	13:57:05.182	-0.8					---				mde		7080	
CEME	1.18	167.0	AMd	13:58:17.094						---		0.0	71.91	a__	Md	3.2	4077
HCY	1.25	183.0	Pn	13:57:07.315	0.1					---				mdi		7081	
HCY	1.25	183.0	AMd	13:58:24.112						---		0.0	76.80	a__	Md	3.2	4078
BEY	1.27	130.0	Pn	13:57:07.202	-0.5					---				mdi		7082	

BEY	1.27	130.0	AMd	13:58:19.168	___	0.0	71.97	a__	Md	3.2	4079
BUM	1.42	170.0	Pn	13:57:09.635	-0.6	___	___	___	mde	___	7083
BUM	1.42	170.0	AMd	13:58:35.692	___	0.0	86.06	a__	Md	3.4	4080
PVY	1.50	136.0	Pn	13:57:11.735	-0.0	___	___	___	mce	___	7084
DRME	1.58	163.0	Pn	13:57:13.129	0.1	___	___	___	mde	___	7085
DRME	1.58	163.0	AMd	13:58:33.076	___	0.0	79.95	a__	Md	3.3	4081
BCI	1.72	140.0	Sn	13:57:40.102	0.1	___	___	___	m__	___	7087
BCI	1.72	140.0	Pn	13:57:15.462	-0.1	___	___	___	mce	___	7086
ULC	1.80	0.0	Pn	13:57:16.197	0.0	___	___	___	mce	___	7091
PUK	1.92	149.0	Sn	13:57:45.889	-0.0	___	___	___	m__	___	7089
PUK	1.92	149.0	Pn	13:57:18.990	0.1	___	___	___	mde	___	7088
PUK	1.92	149.0	AM1	13:58:01.310	___	0.4	0.46	a__	M1	3.0	4082
NOCI	3.12	202.0	S	13:58:17.015	-0.1	___	___	___	m__	___	7090
NOCI	3.12	202.0	AM1	13:58:25.510	___	0.1	0.42	a__	M1	3.0	4083

DATA_TYPE COMMENT GSE2.1
Event 435

Official Magnitude:
M1 2.98

Error ellipse:

	Azim	Dip	Mag
Max:	355	28	1.6300
Intermediate:	119	44	0.6900
Min:	246	32	0.5300

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187379 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 438 Mediterranean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/24	06:47:27.04		0.04	39.5663	19.1637				1.4	1.5	10	24	249	0.72	2.53	m	
477																	

Magnitude	Err	Nsta	Author	OrigID
M1	2.2	0.0	3	477
Md	2.5	0.0	1	477

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
SRN	0.72	63.0	S	06:47:53.555	0.0					___				m__		7133	
SRN	0.72	63.0	P	06:47:42.129	-0.1					___				m__		7132	
SRN	0.72	63.0	AM1	06:47:56.678						___		0.3	0.46	a__	M1	2.0	4104
SRN	0.72	63.0	AMd	06:48:20.948						___		0.0	38.82	a__	Md	2.5	4103

IGT	0.90	91.0	S	06:47:59.073	-0.0	---	m	7135
IGT	0.90	91.0	P	06:47:45.414	0.1	---	m	7134
IGT	0.90	91.0	AM1	06:48:05.068		---	0.3 0.66 a M1 2.2	4105
VLO	0.94	15.0	P	06:47:45.265	-0.0	---	m	7137
VLO	0.94	15.0	S	06:47:59.035	0.0	---	m	7136
LSK	1.25	61.0	S	06:48:10.448	0.0	---	m	7139
LSK	1.25	61.0	P	06:47:51.864	0.0	---	m	7138
LKD2	1.40	123.0	S	06:48:15.779	0.3	---	m	7141
LKD2	1.40	123.0	P	06:47:54.753	0.0	---	m	7140
LKD2	1.40	123.0	AM1	06:48:24.278		---	0.4 0.70 a M1 2.7	4106
NEST	1.67	0.0	P	06:47:58.520	0.0	---	m	7144
NEST	1.68	59.0	S	06:48:24.749	0.5	---	m	7142
PUK	2.53	12.0	P	06:48:13.112	-0.1	---	m	7143

DATA_TYPE COMMENT GSE2.1
Event 438

Official Magnitude:
M1 2.18

Error ellipse:

	Azim	Dip	Mag
Max:	235	59	1.7400
Intermediate:	80	27	0.5200
Min:	344	11	0.3900

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187378 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 439 1.0 km from Matarágka, West Greece, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/24	10:41:31.14		0.10	38.0308	21.4668				11.6	1.3	9	7	298	0.99	2.88	m	
478																	

Magnitude	Err	Nsta	Author	OrigID
M1	3.9	0.0	5	478
Md	3.6	0.0	6	478

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
LKD2	0.99	321.0	Sg	10:42:05.181	-0.1									m		7146
LKD2	0.99	321.0	Pg	10:41:48.811	-1.8									m		7145
LKD2	0.99	321.0	AM1	10:42:21.190								18.6	0.58	a M1	4.1	4113
LKD2	0.99	321.0	AMd	10:43:17.448								0.0	88.64	a Md	3.4	4107
IGT	1.74	330.0	Sn	10:42:28.959	0.2									m		7148

SRN	0.17	100.0	S	01:29:06.125	0.2	---	m	---	7158
SRN	0.17	100.0	P	01:29:02.527	-0.2	---	m	---	7157
SRN	0.17	100.0	AMl	01:29:06.818		---	0.5	0.22 a	Ml 1.5 4120
SRN	0.17	100.0	AMl	01:29:07.828		---	0.3	0.20 a	Ml 1.3 4119
SRN	0.17	100.0	AMd	01:29:40.192		---	0.0	37.67 a	Md 2.4 4118
IGT	0.57	131.0	S	01:29:18.333	-0.7	---	m	---	7160
IGT	0.57	131.0	P	01:29:10.043	-0.2	---	m	---	7159
IGT	0.57	131.0	AMl	01:29:27.848		---	0.1	0.22 a	Ml 1.4 4121
VLO	0.60	339.0	S	01:29:18.964	0.0	---	m	---	7162
VLO	0.60	339.0	P	01:29:08.977	-1.2	---	m	---	7161
LSK	0.67	68.0	S	01:29:22.243	-0.0	---	m	---	7164
LSK	0.67	68.0	P	01:29:11.762	-0.3	---	m	---	7163
LSK	0.67	68.0	AMl	01:29:29.398		---	0.4	0.60 a	Ml 2.1 4123
LSK	0.67	68.0	AMl	01:29:24.208		---	0.4	0.52 a	Ml 2.1 4122
KBN	1.05	46.0	S	01:29:35.599	1.3	---	m	---	7166
KBN	1.05	46.0	P	01:29:19.058	0.1	---	m	---	7165
KBN	1.05	46.0	AMl	01:29:37.218		---	0.1	0.92 a	Ml 1.9 4124
NEST	1.10	0.0	P	01:29:19.217	0.0	---	m	---	7171
NEST	1.09	62.0	S	01:29:36.724	0.1	---	m	---	7167
NEST	1.09	62.0	AMl	01:29:41.228		---	0.2	0.90 a	Ml 2.1 4125
LKD2	1.31	148.0	P	01:29:24.567	0.2	---	m	---	7169
LKD2	1.31	148.0	S	01:29:44.295	0.4	---	m	---	7168
PHP	1.84	15.0	P	01:29:31.851	-1.7	---	m	---	7170

DATA_TYPE COMMENT GSE2.1
Event 440

Official Magnitude:
Ml 1.90

Error ellipse:

	Azim	Dip	Mag
Max:	99	78	1.3900
Intermediate:	247	9	0.7800
Min:	338	6	0.5000

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1551187378 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 441 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/24	21:57:00.55		0.61	38.7260	20.6345				19.9	1.5	17	25	292	0.06	3.66	m	480

Magnitude Err Nsta Author
M1 3.8 0.0 8

OrigID
480

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
LKD2	0.07	16.0	S	21:57:08.753	1.5									m		7173
LKD2	0.07	16.0	P	21:57:06.015	1.7									m		7172
LKD2	0.07	16.0	AM1	21:57:08.830								268.9	0.54	a	M1	4.3
LKD2	0.07	16.0	AM1	21:57:11.120								182.0	0.68	a	M1	4.2
IGT	0.84	344.0	S	21:57:29.353	0.0									m		7175
IGT	0.84	344.0	P	21:57:16.515	-0.5									m		7174
SRN	1.25	338.0	S	21:57:42.959	0.1									m		7177
SRN	1.25	338.0	P	21:57:23.820	-0.9									m		7176
SRN	1.25	338.0	AM1	21:57:51.080								1.8	0.64	a	M1	3.3
LSK	1.42	359.0	S	21:57:47.059	-0.2									m		7179
LSK	1.42	359.0	P	21:57:27.313	0.1									m		7178
LSK	1.42	359.0	AM1	21:58:02.510								11.2	0.66	a	M1	4.2
NEST	1.72	10.0	S	21:57:56.462	-0.0									m		7181
NEST	1.72	10.0	P	21:57:33.466	1.0									m		7180
NEST	1.72	10.0	AM1	21:58:05.460								4.2	0.74	a	M1	3.9
NEST	1.72	10.0	AM1	21:58:04.410								2.5	0.56	a	M1	3.7
KBN	1.90	3.0	S	21:58:01.015	0.5									m		7183
KBN	1.90	3.0	P	21:57:38.223	3.4									m		7182
KBN	1.90	3.0	AM1	21:58:08.970								2.3	0.82	a	M1	3.8
KBN	1.90	3.0	AM1	21:58:13.890								2.3	0.66	a	M1	3.8
VLO	1.95	334.0	P	21:57:37.089	1.7									m		7184
THE	2.62	42.0	S	21:58:19.374	-0.5									m		7186
THE	2.62	42.0	P	21:57:46.349	0.5									m		7185
THE	2.62	42.0	AM1	21:58:37.030								0.3	0.80	a	M1	3.3
PHP	2.96	358.0	S	21:58:27.946	-0.2									m		7188
PHP	2.96	358.0	P	21:57:50.280	-0.3									m		7187
PHP	2.96	358.0	AM1	21:58:46.830								0.9	0.98	a	M1	3.8
ULC	3.33	0.0	Pn	21:57:54.886	0.0									m		7191
DRME	3.63	343.0	P	21:57:58.347	-2.4									m		7189
BCI	3.66	354.0	P	21:58:00.374	-0.8									m		7190
BCI	3.66	354.0	AM1	21:59:15.880								1.1	0.92	a	M1	4.2

DATA_TYPE COMMENT GSE2.1
Event 441

Official Magnitude:
M1 3.84

Error ellipse:

	Azim	Dip	Mag
Max:	218	24	3.6400
Intermediate:	124	8	1.9800
Min:	17	64	1.5800

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1551187377 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 444 Mediterranean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2019/02/26	10:05:54.90		0.82	38.7090	20.4210				5.0	5.3	18	31	247	0.20	3.66	m	

Magnitude	Err	Nsta	Author	OrigID
M1	4.5	0.0	6	483

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
LKD2	0.00	0.0	Pg	10:06:01.637	0.0									mc		7255
LKD2	0.20	66.0	Sg	10:06:03.129	0.2									m		7234
LKD2	0.20	66.0	AM1	10:06:04.070								778.8	0.46	a	M1	4.8
LKD2	0.20	66.0	AM1	10:06:06.480								574.1	0.52	a	M1	4.6
IGT	0.82	356.0	Sg	10:06:23.685	-0.0									m		7236
IGT	0.82	356.0	Pg	10:06:12.348	1.0									mc		7235
SRN	1.21	345.0	Sg	10:06:36.508	-0.9									m		7238
SRN	1.21	345.0	Pg	10:06:19.439	0.3									m		7237
SRN	1.21	345.0	AM1	10:06:48.490								9.2	0.94	a	M1	3.9
LSK	1.45	5.0	Sg	10:06:43.827	-0.1									m		7240
LSK	1.45	5.0	Pg	10:06:23.004	0.1									m		7239
LSK	1.45	5.0	AM1	10:06:47.540								28.9	0.62	a	M1	4.6
NEST	1.77	15.0	S	10:06:53.955	-0.3									m		7242
NEST	1.77	15.0	Pn	10:06:29.530	0.7									m		7241
NEST	1.77	15.0	AM1	10:07:01.490								12.9	0.72	a	M1	4.5
VLO	1.90	339.0	S	10:07:02.412	5.5									m		7244
VLO	1.90	339.0	P	10:06:32.421	2.1									m		7243
KBN	1.93	8.0	Sn	10:06:58.837	0.4									m		7246
KBN	1.93	8.0	Pn	10:06:34.068	2.9									m		7245
KBN	1.93	8.0	AM1	10:07:06.450								12.0	0.70	a	M1	4.5
SCTE	2.04	313.0	Pn	10:06:34.299	0.9									m		7247
BPA1	2.10	344.0	Pn	10:06:37.459	3.3									m		7248
TIR	2.67	351.0	Sn	10:07:19.600	1.2									m		7250
TIR	2.67	351.0	Pn	10:06:42.513	-0.1									m		7249
TIR	2.67	351.0	AM1	10:07:41.080								2.8	0.80	a	M1	4.2
PHP	2.97	0.0	Sn	10:07:18.119	-7.6									m		7252
PHP	2.97	0.0	Pn	10:06:46.023	-0.8									m		7251
PUK	3.35	354.0	P	10:06:51.012	-1.6									m		7253
BCI	3.66	356.0	Pn	10:06:55.584	-1.6									m		7254

DATA_TYPE COMMENT GSE2.1
 Event 444

Official Magnitude:

M1 4.52

Error ellipse:

	Azim	Dip	Mag
Max:	195	67	5.6800
Intermediate:	12	22	2.4600
Min:	102	1	2.1900

STOP

Ngjerje te largeta (Long distance seismic event)

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2018-02-22			1017	22.4						7.5		PERU-ECUADOR BORDER REGION
GAP=					hor.err=					ver.err=		

STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md
NOCI	AC	iP		1030	21.11					
SCTE	AC	iP		1030	26.13					
MRVN	AC	iP		1030	31.33					
PUK	AC	iP		1030	35.49					
TIR	AC	iP		1030	37.16					
BCI	AC	iP		1030	40.27					
LSK	AC	iP		1030	73.73					
IGT	AC	iP		1030	46.71					
NEST	AC	iP		1030	46.97					
LKD2	AC	iP		1030	79.76					
THE	AC	iP		1030	56.80					

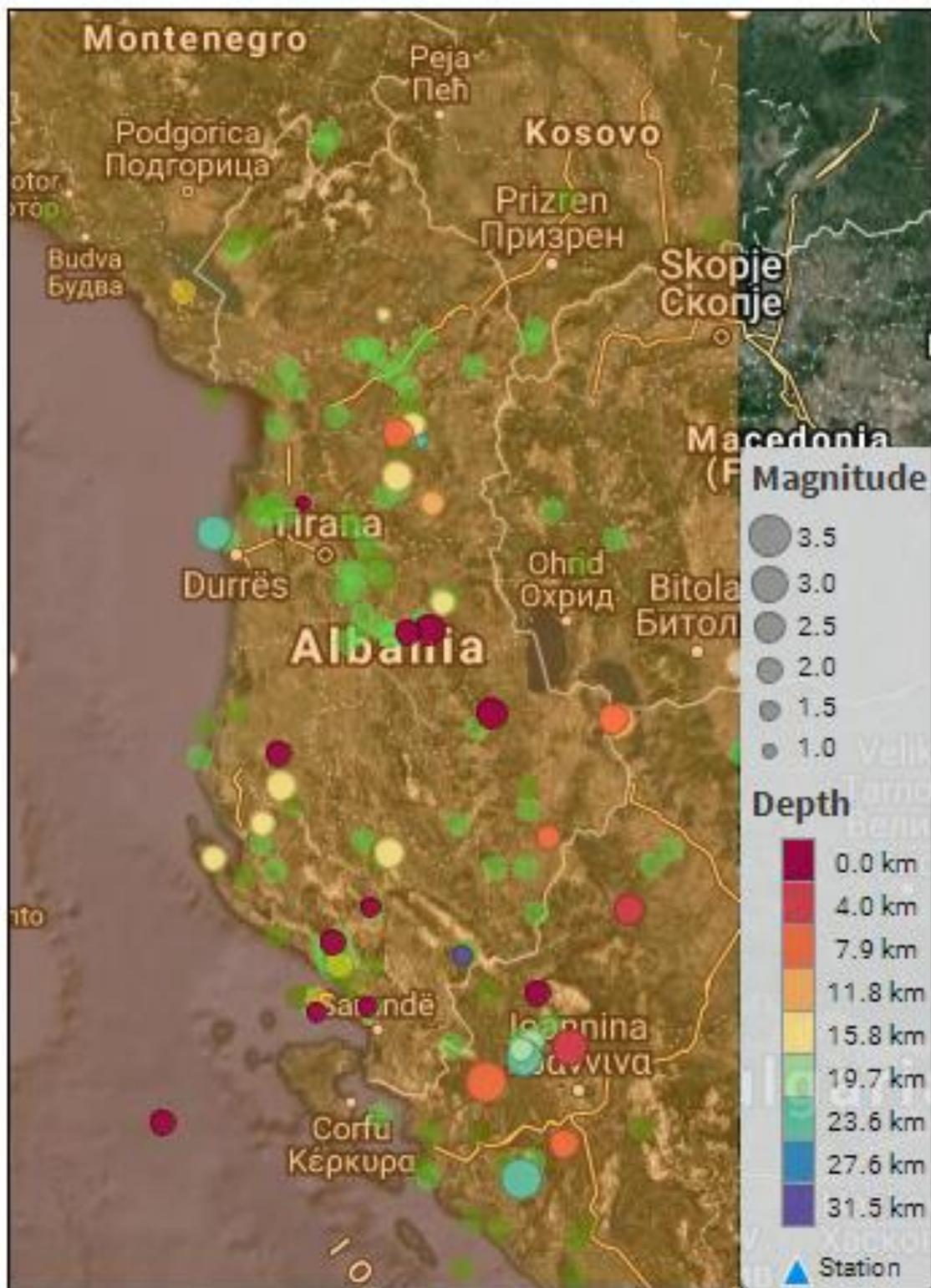
Tërmete të pa-lokalizueshëm, me më pak se tre stacione (un-locatable earthquakes with less than three stations)

Y	M	D	HM	Sec	Lat	Long	Dep	Net	Nr	Rms	Mag	Epicenter
2019-02-14			2159	30								PHP-PUK
GAP=			hor.err=			ver.err=						
STAT	SP	IPHASW	D	HRMM	SECON	AZIMU	RES	DIS	DUR	Md		
PHP	SZ	IPG		2000	06.09							
PHP	SE	ISG		2000	09.23							
PUK	SZ	IPG		2000	12.16							
PUK	SE	ISG		2000	19.73							

Katalogu i termeteve

Date	Time	Rms	Latitude	Longitude	Mag	Depth (km)	Depth Error	No. Stat	No. Phases	Azimuth Gap
2019-02-03	15:55:04Z	0.12	41.723	20.179	2.3	19.4	0.6	30	14	108
2019-02-03	21:39:26Z	0.22	39.926	19.998	1.7	0.8	1.1	31	11	148
2019-02-04	17:17:09Z	0.05	41.563	20.113	2.6	19.7	0.5	16	16	82
2019-02-05	18:51:00Z	0.42	40.616	19.649	2.6	18.3	1.6	15	19	95
2019-02-06	16:23:30Z	0.06	40.402	20.079	2.6	16.4	0.7	13	17	72
2019-02-07	15:24:56Z	0.04	40.810	21.015	3	15.2	0.6	15	20	119
2019-02-07	16:19:56Z	0.04	40.825	20.994	2.8	9.1	0.7	13	18	121
2019-02-07	20:54:05Z	0.02	40.454	20.736	2.5	11.2	0.8	12	13	114
2019-02-07	22:06:41Z	0.03	41.183	20.299	2.1	16.6	0.6	16	18	130
2019-02-09	12:43:28Z	0.04	39.797	20.820	3.1	7.1	9.5	9	14	165
2019-02-09	17:23:31Z	0.05	40.087	20.381	1.6	35.4	0.5	13	12	136
2019-02-11	16:08:20Z	0.03	41.483	20.255	2.2	12.8	0.9	13	11	95
2019-02-11	18:57:17Z	0.08	40.710	19.638	2.5	1.7	0.4	12	6	120
2019-02-11	19:12:41Z	0.02	39.691	20.474	3.7	10.6	0.9	12	15	139
2019-02-12	06:30:29Z	0.45	39.497	20.793	2.8	10.5	2.3	9	13	170
2019-02-13	17:25:52Z	0.03	40.227	21.063	2.6	5.6	0.9	8	14	170
2019-02-15	00:34:10Z	0.33	39.968	20.688	2.3	2	1.6	32	16	150
2019-02-15	01:18:28Z	0.5	39.385	20.626	3.7	25.8	0.9	32	27	123
2019-02-15	02:14:07Z	0.46	39.821	20.664	2.5	23.4	2.2	32	22	152
2019-02-16	11:25:18Z	0.03	39.765	20.632	3.1	25.8	0.5	11	17	115
2019-02-16	12:40:03Z	0.04	39.791	20.623	2.4	22.2	2.1	8	9	151
2019-02-16	16:09:29Z	0.17	39.790	20.622	2.4	23.1	1.9	31	11	151
2019-02-16	16:20:23Z	0.37	41.483	19.733	1.4	4.0	4.3	17	8	174
2019-02-17	01:59:14Z	0.02	40.234	20.007	1.8	0.2	1	9	11	82

2019-02-17	21:21:33Z	0.29	41.396	19.370	3	25.9	2	12	14	180
2019-02-19	00:10:22Z	0.03	41.674	20.214	1.3	25.4	1.6	4	7	133
2019-02-19	06:32:40Z	0.35	41.696	20.116	2.6	9.3	1.5	22	25	95
2019-02-21	03:55:27Z	0.05	42.056	20.056	1.4	18	0.7	30	9	141
2019-02-22	01:24:36Z	0.1	40.125	19.850	2.1	0.6	0.9	30	13	168
2019-02-22	23:47:25Z	0.39	40.496	19.568	2.2	19	1	31	21	93
2019-02-24	06:47:27Z	0.04	39.566	19.164	2.2	1.4	1.5	24	10	249
2019-02-25	01:28:58Z	0.28	39.911	19.785	1.9	2.8	1.4	25	11	191
2019-02-26	03:58:13Z	0.23	40.392	19.365	2.3	16.9	1	20	14	147
2019-02-26	04:51:35Z	0.23	40.839	20.496	2.8	2.9	1.6	20	22	96
2019-02-26	19:51:53Z	0.11	41.098	20.246	2.8	0.4	0.9	11	16	123
2019-02-26	20:05:44Z	0.36	41.086	20.160	2.1	3.0	1.7	30	20	114



-Fig. 2 -

Harta e shpërndarjes në hapësirë të epiqendrave, në përputhje me magnitudë (madhësia e simbolit) dhe thellësinë (ngjyra e simbolit); Ngjarjet janë lokalizuar gjatë muajit Shkurt 2019, bazuar në regjistrimet e ASN dhe stacioneve sizmologjike në rajon.
(Epicentral map for located seismicity within Albania and surrounding during February 2019)

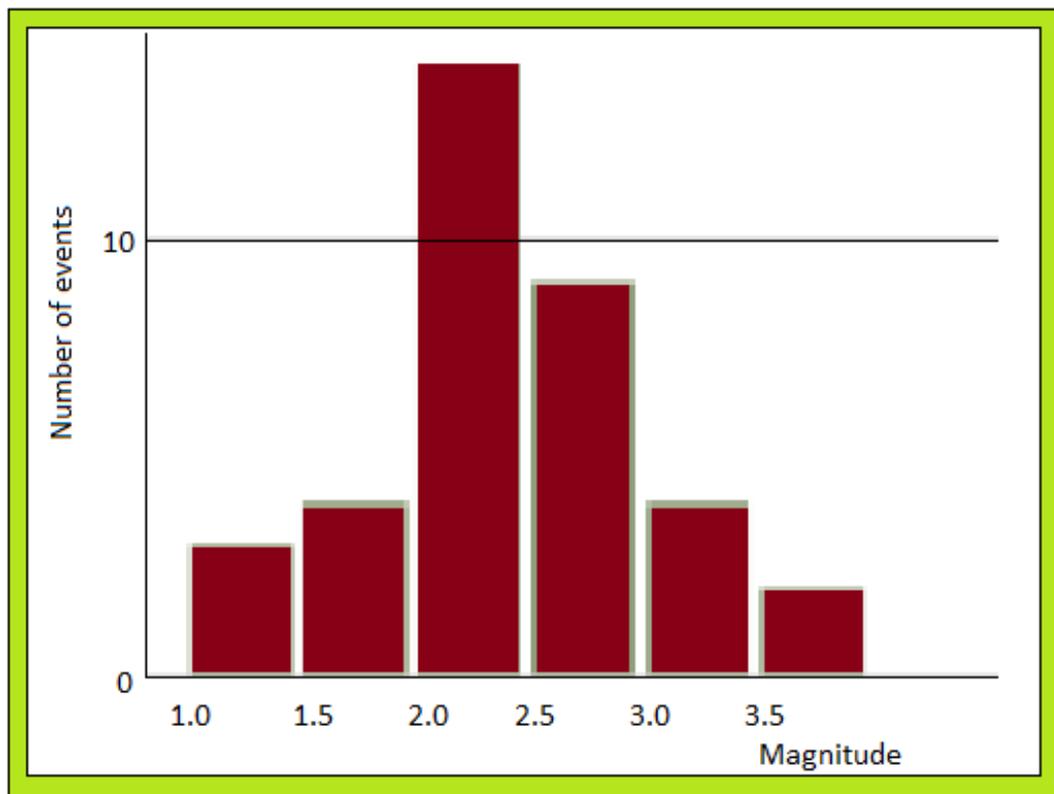
1. Statistika e ngjarjeve (Events Statistics)

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

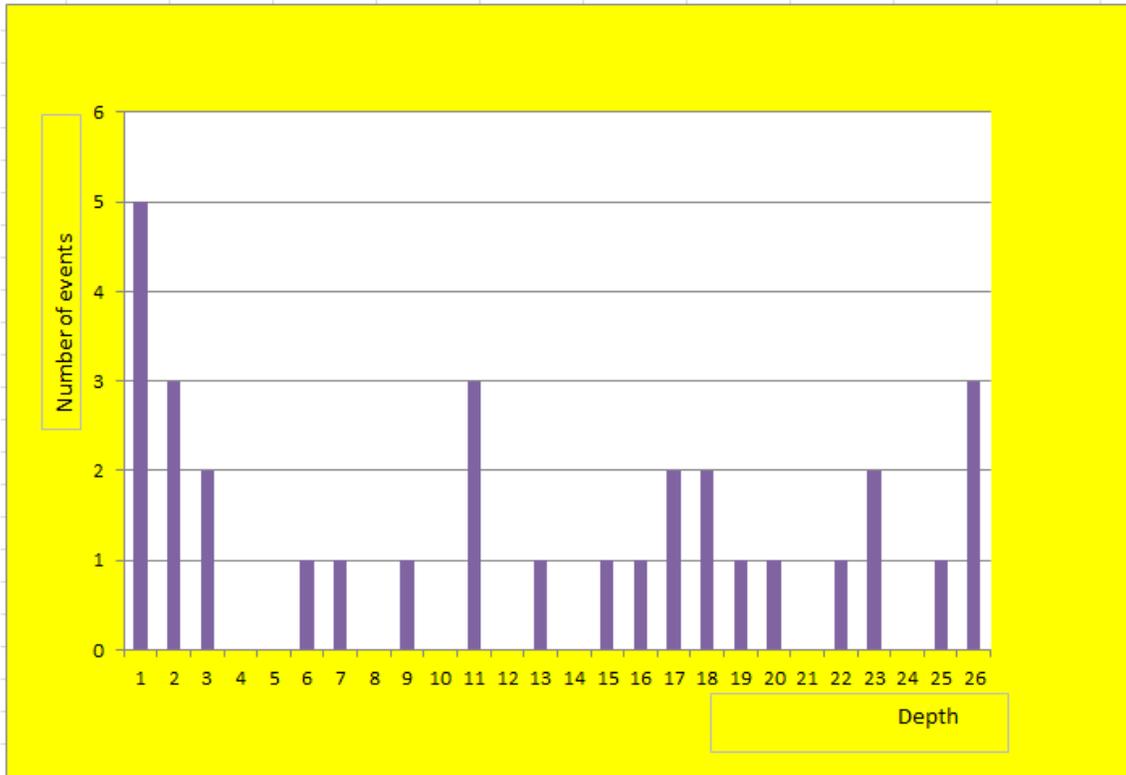
Të dhënat përfaqësuese	Representative Parameters	Vlerat (observed values)
Numuri i përgjithshëm i ngjarjeve të regjistruara (kuandrat 39 ₀ -43 ₀ V; 18.5 ₀ -21.5 ₀ L)	[total recorded number of seismic events]	36
Numuri i ngjarjeve sizmike brenda kufirit shtetëror	[earthquakes occurred within state border]	24
Thellësia mesatare e vrojtuar (km)	[mean observed depth]	14
Thellësia maksimale e vrojtuar (km)	[maximum observed depth]	35
Magnituda lokale minimale e vrojtuar ($M_{L/d}$)	[minimum observed local magnitude]	1.3
Magnituda lokale maksimale e vrojtuar ($M_{L/d}$)	[maximum observed local magnitude]	3.7
Intensiteti maksimal i vrojtuar (MSK-64)	[maximum observed intensity]	IV-V

2. Karakteristikat kryesore të sizmicitetit për muajin

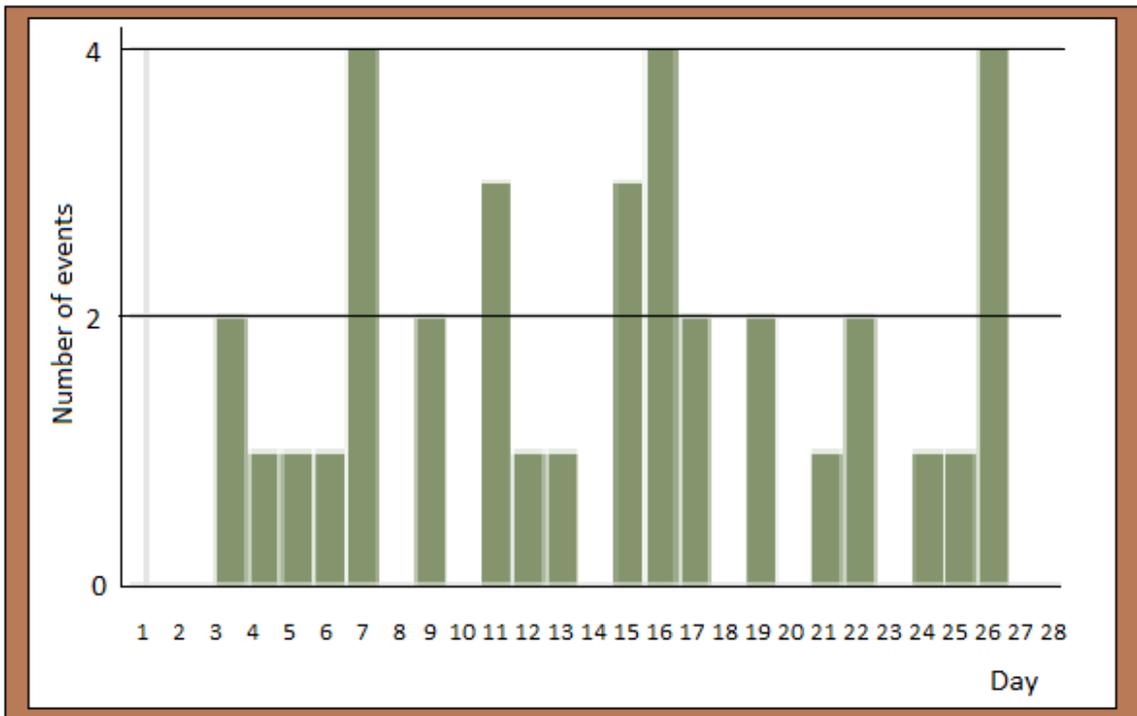
Sizmiciteti i muajit Shkurt 2019 është percaktuar si aktivitet sizmik i ulet, me dallueshem kemi regjistrimin e ngjarjes së dates 11 Shkurt 2019, ora 19:12(UTM), me $M_L = 3.7$ (Rihter) prane me kufirin Shqiperi-Greqi.



Grafiku i numurit te ngjarjeve per nivelin e magnitudave



Grafiku i frekuences se termeteve ne lidhje me thellesin.



Grafiku ishperndarjes se numurit te ngjarjeve per dite

REFERENCA (*References*)

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