

GUSHT 2020

ISSN : 2664 – 410X

ISSN : 2664-410X **14**



NR.14

BULETINI MUJOR I SIZMOLOGJISË



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BULETINI MUJOR I SIZMOLOGJISË (MONTHLY BULLETIN OF SEISMOLOGY)

Nr.14

ISSN : 2664-410X

Gusht 2020

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H Y R J E

Buletini sizmologjik përmban ngjarjet sizmike (tërmetet), e regjistruar, lokalizuar dhe analizuar gjatë periudhës kohore një-mujore. Përpos 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. 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 përfutuara 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. 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

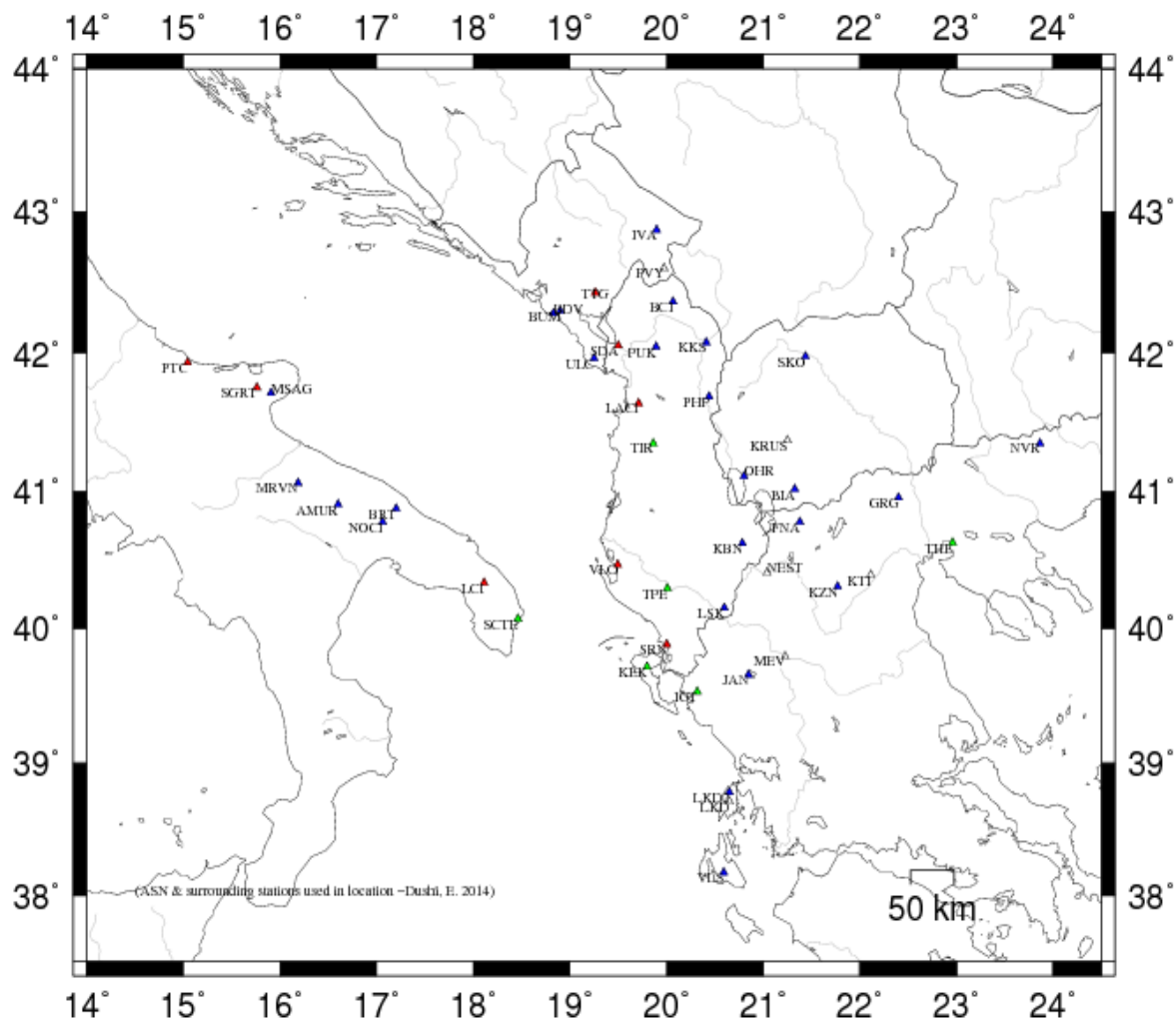
Tab. 3 – Rrjeti Sizmologjik Ndihmës (MSO, SKO, AUTH, NAO, INGV)

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- 3E SPC/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- 3E SPC/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, INGV, PDG & SKO]

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

Informacioni gjithëpërfshirës 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 shpejtësor 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 [<i>Quality rating based on station geometry</i>]
QLOC	Cilesia e katalogut bazuar ne lokalizimin e ngjarjeve sizmike [<i>Quality rating based on localization of seismic event</i>]
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 konvergimin 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*].

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 [3 – <i>letters component code</i>]
C	shkurtimi i kodit të rrjetit (1 karakter) [<i>abbreviation for the station code</i>]
R	Shënim 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 vlerësimit 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 korrigjues 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 në amplitudë, [<i>amplitude based magnitude weight code</i>].
XMAG	Magnituda bazuar në amplitudë, 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)

EGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228552 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3940 0.3 km from Tresovë, Korçë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/31	21:28:07.09		0.32	40.7268	20.5838				13.7	2.3	8	7	146	0.19	1.94	m	
OrigID 4057																	

Magnitude	Err	Nsta	Author	OrigID
Ml	1.8	0.0	3	4057

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
KBN	0.19	123.0	Sg	21:28:13.899	0.2					___				m		48410
KBN	0.19	123.0	Pg	21:28:10.470	-0.4					___				mc		48409
KBN	0.19	123.0	AMl	21:28:14.300						___		6.8	0.26	a	Ml	2.8
SRN	0.96	208.0	Sg	21:28:40.090	-0.1					___				m		48412
SRN	0.96	208.0	Pg	21:28:26.262	0.3					___				m		48411
SRN	0.96	208.0	AMl	21:28:45.170						___		0.1	0.44	a	Ml	1.6
PHP	0.96	354.0	Sg	21:28:39.345	0.1					___				m		48414
PHP	0.96	354.0	Pg	21:28:25.561	0.1					___				m		48413
PHP	0.96	354.0	AMl	21:28:44.620						___		0.1	0.38	a	Ml	1.8
IGT	1.21	190.0	Sg	21:28:49.161	1.7					___				m		48416
IGT	1.21	190.0	Pg	21:28:31.153	1.0					___				m		48415
LKD2	1.94	178.0	P	21:28:42.550	-0.2					___				m		48417

DATA_TYPE COMMENT GSE2.1
Event 3940

Official Magnitude:
Ml 1.80

Error ellipse:

	Azim	Dip	Mag
Max:	98	54	2.8100
Intermediate:	347	14	0.8500
Min:	248	32	0.7000

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1599228559 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3857 1.4 km from Katundi i Ri, Durrës, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID	2020/08/01 11:47:15.13		0.20	41.3923	19.5277				7.2	14.4	4	35	259	0.26	0.74	m	
3971																	

Magnitude	Err	Nsta	Author	OrigID
Ml	1.5	0.0	2	3971

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.26	0.0	Pg	11:47:20.755	0.0					---						47388
TIR	0.26	99.0	Sg	11:47:24.214	-0.2					---						47383
TIR	0.26	99.0	AMl	11:47:24.908						---		0.3	0.18	a	Ml	1.4
TIR	0.26	99.0	AMl	11:47:26.018						---		0.4	0.16	a	Ml	1.5
SDA	0.66	358.0	Sg	11:47:37.559	-0.2					---						47385
SDA	0.66	358.0	Pg	11:47:28.279	0.2					---						47384
PHP	0.74	66.0	Sg	11:47:40.378	0.2					---						47387
PHP	0.74	66.0	Pg	11:47:27.627	-1.8					---						47386
PHP	0.74	66.0	AMl	11:47:45.058						---		0.1	0.28	a	Ml	1.5

DATA_TYPE COMMENT GSE2.1
 Event 3857

Official Magnitude:
 Ml 1.47

Error ellipse:

	Azim	Dip	Mag
Max:	185	87	14.4200
Intermediate:	39	1	1.7400
Min:	309	2	0.5300

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1599228559 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3859 4.5 km from Fushëbardhë, Gjirokastër, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/08/01	14:10:07.78		0.11	40.0817	19.9500				3.6	0.5	10	35	121	0.21	1.64	m	
3973																	

Magnitude	Err	Nsta	Author	OrigID
M1	2.5	0.0	4	3973

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
SRN	0.21	169.0	S	14:10:16.252	0.0					---						47409
SRN	0.21	169.0	P	14:10:12.690	0.1					---						47408
SRN	0.21	169.0	AM1	14:10:19.390						---		1.5	0.40	a	M1	2.1
KEK	0.39	198.0	S	14:10:21.718	0.0					---						47411
KEK	0.39	198.0	P	14:10:15.226	-0.5					---						47410
VLO	0.52	319.0	S	14:10:26.229	1.3					---						47413
VLO	0.52	319.0	P	14:10:17.631	0.1					---						47412
VLO	0.52	319.0	AM1	14:10:27.960						---		2.6	0.30	a	M1	2.7
IGT	0.62	151.0	S	14:10:30.175	0.6					---						47415
IGT	0.62	151.0	P	14:10:20.223	-0.0					---						47414
KBN	0.84	49.0	S	14:10:36.023	0.1					---						47417
KBN	0.84	49.0	P	14:10:23.788	-0.1					---						47416
KBN	0.84	49.0	AM1	14:10:37.290						---		0.4	0.50	a	M1	2.2
LKD2	1.40	156.0	S	14:10:55.285	-0.1					---						47419
LKD2	1.40	156.0	P	14:10:35.081	0.1					---						47418
LKD2	1.40	156.0	AM1	14:10:57.450						---		0.8	0.52	a	M1	3.0
PHP	1.64	12.0	P	14:10:37.865	-1.1					---						47420

DATA_TYPE COMMENT GSE2.1
Event 3859

Official Magnitude:
M1 2.45

Error ellipse:

	Azim	Dip	Mag
Max:	238	69	0.5100
Intermediate:	91	17	0.3900
Min:	358	11	0.2200

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228559 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3860 Region N/A

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

2020/08/01 16:30:53.30 0.01 39.3057 20.4878 6.9 0.4 4 4 193 0.26 0.69 m
3974

Magnitude Err Nsta Author OrigID
M1 1.5 0.0 3 3974

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
IGT	0.26	332.0	S	16:31:03.228	0.7					___				m___		47422
IGT	0.26	332.0	P	16:30:58.555	0.0					___				m___		47421
IGT	0.26	332.0	AM1	16:31:05.000						___		0.4	0.24	a___	M1 1.6	21899
LKD2	0.53	165.0	S	16:31:13.010	1.3					___				m___		47424
LKD2	0.53	165.0	P	16:31:03.838	0.0					___				m___		47423
LKD2	0.53	165.0	AM1	16:31:15.430						___		0.2	0.36	a___	M1 1.5	21900
KEK	0.67	308.0	S	16:31:18.431	2.1					___				m___		47426
KEK	0.67	308.0	P	16:31:06.492	0.0					___				m___		47425
SRN	0.69	327.0	S	16:31:17.489	-0.0					___				m___		47428
SRN	0.69	327.0	P	16:31:06.163	-1.0					___				m___		47427
SRN	0.69	327.0	AM1	16:31:23.090						___		0.1	0.20	a___	M1 1.4	21901

DATA_TYPE COMMENT GSE2.1
Event 3860

Official Magnitude:
M1 1.47

Error ellipse:

	Azim	Dip	Mag
Max:	63	84	0.4300
Intermediate:	243	5	0.0700
Min:	333	0	0.0100

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228559 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3862 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/02	23:25:49.63		0.07	39.6775	20.3408				24.7	5.7	6	9	216	0.14	1.00	m	
3976																	

Magnitude Err Nsta Author OrigID
M1 3.0 0.0 3 3976

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
IGT	0.15	184.0	S	23:25:56.127	-0.3					___				m___		47446

IGT	0.15	184.0	P	23:25:53.550	0.1	---											m		47445
IGT	0.15	184.0	AM1	23:25:59.608		---											a	M1	21907
SRN	0.33	308.0	S	23:26:04.125	1.4	---											m		47448
SRN	0.33	308.0	P	23:25:57.141	0.0	---											m		47447
KEK	0.42	275.0	S	23:26:06.275	1.4	---											m		47450
KEK	0.42	275.0	P	23:25:58.364	0.0	---											m		47449
LKD2	0.92	164.0	S	23:26:20.817	0.4	---											m		47452
LKD2	0.92	164.0	P	23:26:07.169	-0.1	---											m		47451
LKD2	0.92	164.0	AM1	23:26:25.358		---											a	M1	21908
KBN	1.00	19.0	S	23:26:24.382	2.2	---											m		47454
KBN	1.00	19.0	P	23:26:09.191	1.0	---											m		47453
KBN	1.00	19.0	AM1	23:26:29.878		---											a	M1	21909

DATA_TYPE COMMENT GSE2.1
Event 3862

Official Magnitude:
M1 3.01

Error ellipse:

	Azim	Dip	Mag
Max:	0	90	5.7100
Intermediate:	239	0	0.7400
Min:	329	0	0.1800

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228559 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3863 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/03	00:12:39.10		0.01	39.6230	20.2920				15.9	0.1	5	6	202	0.10	0.88	m	
3977																	

Magnitude	Err	Nsta	Author	OrigID
M1	2.0	0.0	3	3977

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
IGT	0.10	162.0	S	00:12:45.655	1.1											47456
IGT	0.10	162.0	P	00:12:42.199	0.0											47455
IGT	0.10	162.0	AM1	00:12:46.288								8.3	0.28	a	M1	21910
SRN	0.34	319.0	S	00:12:52.209	0.0											47458
SRN	0.34	319.0	P	00:12:46.566	-0.0											47457
SRN	0.34	319.0	AM1	00:12:53.408								0.2	0.36	a	M1	21911
KEK	0.39	284.0	S	00:12:55.590	2.4											47460

KEK	0.39	284.0	P	00:12:47.148	-0.0	---	m	47459
LKD2	0.88	161.0	S	00:13:12.846	3.8	---	m	47462
LKD2	0.88	161.0	P	00:12:56.175	-0.0	---	m	47461
LKD2	0.88	161.0	AM1	00:13:16.648		---	0.2 0.44 a M1 2.0	21912

DATA_TYPE COMMENT GSE2.1
Event 3863

Official Magnitude:
M1 2.00

Error ellipse:

	Azim	Dip	Mag
Max:	52	9	0.0900
Intermediate:	258	79	0.0500
Min:	143	5	0.0200

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228559 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3866 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/05	08:00:01.63		0.03	41.4148	19.4913				20.8	2.8	5	35	257	0.29	1.03	m	
3980																	

Magnitude	Err	Nsta	Author	OrigID
M1	2.1	0.0	3	3980

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.00	0.0	Pg	08:00:08.688	0.0									m		47493
TIR	0.29	103.0	Sg	08:00:12.811	0.0									m		47487
TIR	0.29	103.0	AM1	08:00:12.450								1.4	0.46	a	M1	2.2
SDA	0.63	0.0	Sg	08:00:23.517	-0.0									m		47489
SDA	0.63	0.0	Pg	08:00:14.196	0.0									m		47488
SDA	0.63	0.0	AM1	08:00:26.190								0.2	0.26	a	M1	1.8
PHP	0.76	68.0	Sg	08:00:27.003	0.0									m		47491
PHP	0.76	68.0	Pg	08:00:16.070	-0.0									m		47490
PHP	0.76	68.0	AM1	08:00:30.210								0.3	0.60	a	M1	2.1
PDG	1.03	351.0	Sg	08:00:36.712	1.0									m		47492

DATA_TYPE COMMENT GSE2.1
Event 3866

Official Magnitude:

Ml 2.09

Error ellipse:

	Azim	Dip	Mag
Max:	0	90	2.7700
Intermediate:	224	0	0.3000
Min:	314	0	0.1000

BEGIN GSE2.1

MSG_TYPE DATA

MSG_ID 1599228559 athena

DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3867 2.1 km from Terovo, Epirus, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/05	14:32:22.76		0.01	39.3932	20.8758				7.0	0.8	7	6	131	0.44	0.90	m	
3981																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.0	0.0	3	3981

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
IGT	0.44	289.0	S	14:32:38.237	-0.0					___				m		47495
IGT	0.44	289.0	P	14:32:31.622	0.0					___				m		47494
IGT	0.44	289.0	AM1	14:32:40.408						___		0.6	0.20	a	Ml	2.0
LKD2	0.63	196.0	S	14:32:44.392	0.0					___				m		47497
LKD2	0.63	196.0	P	14:32:35.085	-0.0					___				m		47496
LKD2	0.63	196.0	AM1	14:32:46.628						___		0.7	0.42	a	Ml	2.3
SRN	0.83	307.0	S	14:32:51.868	0.0					___				m		47499
SRN	0.83	307.0	P	14:32:39.380	-0.0					___				m		47498
SRN	0.83	307.0	AM1	14:32:55.718						___		0.1	0.24	a	Ml	1.8
KEK	0.89	292.0	S	14:32:52.692	-0.6					___				m		47500
THL	0.90	78.0	S	14:32:53.636	0.3					___				m		47502
THL	0.90	78.0	P	14:32:40.256	0.0					___				m		47501

DATA_TYPE COMMENT GSE2.1

Event 3867

Official Magnitude:

Ml 1.96

Error ellipse:

	Azim	Dip	Mag
Max:	228	89	0.8400
Intermediate:	25	0	0.0300
Min:	115	0	0.0200

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1599228558 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3868 1.3 km from Perlat, Durrës, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/08/05	21:01:31.88		0.01	41.4345	19.5270				5.9	0.1	4	7	250	0.27	1.01	m	
3982																	

Magnitude	Err	Nsta	Author	OrigID
M1	1.8	0.0	3	3982

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.26	0.0	P	21:01:37.664	0.0									m		47509
TIR	0.27	108.0	S	21:01:41.484	0.0									m		47503
TIR	0.27	108.0	AM1	21:01:41.730								0.6	0.28	a	M1	1.8
SDA	0.62	358.0	S	21:01:51.851	-1.3									m		47505
SDA	0.62	358.0	P	21:01:43.996	-0.0									m		47504
SDA	0.62	358.0	AM1	21:01:55.440								0.1	0.24	a	M1	1.5
PHP	0.73	69.0	S	21:01:56.401	0.0									m		47507
PHP	0.73	69.0	P	21:01:45.886	0.0									m		47506
PHP	0.73	69.0	AM1	21:01:59.420								0.2	0.62	a	M1	1.8
PDG	1.01	349.0	S	21:02:07.298	0.9									m		47508

DATA_TYPE COMMENT GSE2.1
 Event 3868

Official Magnitude:
 M1 1.76

Error ellipse:

	Azim	Dip	Mag
Max:	234	73	0.1500
Intermediate:	31	15	0.0800
Min:	123	6	0.0200

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1599228558 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3871 0.3 km from Aidoni, Epirus, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/08/06	07:13:20.78		0.11	39.2052	20.6130				6.0	9.5	5	7	208	0.40	0.82	m	
3985																	

Magnitude	Err	Nsta	Author	OrigID
Md	2.1	0.0	3	3985
Ml	2.2	0.0	2	3985

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
IGT	0.39	327.0	S	07:13:34.510	-0.0									m		47525
IGT	0.39	327.0	P	07:13:27.933	-0.7									m		47524
IGT	0.39	327.0	AMd	07:14:19.408								0.0	51.48	a	Md	2.2
IGT	0.39	327.0	AMl	07:13:39.030								0.8	0.18	a	Ml	2.0
LKD2	0.42	175.0	S	07:13:35.422	0.1									m		47527
LKD2	0.42	175.0	P	07:13:28.917	-0.2									m		47526
LKD2	0.42	175.0	AMd	07:14:18.804								0.0	49.89	a	Md	2.1
LKD2	0.42	175.0	AMl	07:13:37.480								2.1	0.22	a	Ml	2.4
SRN	0.82	326.0	S	07:13:49.517	-0.1									m		47529
SRN	0.82	326.0	P	07:13:37.391	0.2									m		47528
SRN	0.82	326.0	AMd	07:14:24.539								0.0	47.15	a	Md	2.1

DATA_TYPE COMMENT GSE2.1
Event 3871

Official Magnitude:
Ml 2.22

Error ellipse:

	Azim	Dip	Mag
Max:	0	90	9.4700
Intermediate:	251	0	3.2100
Min:	341	0	0.2100

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228558 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3872 1.5 km from Fushë-Draç, Durrës, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/08/06	21:31:04.18		0.40	41.5247	19.5183				26.8	2.9	7	12	109	0.31	2.08	m	
3986																	

Magnitude	Err	Nsta	Author	OrigID
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M1 2.0 0.0 3 3986

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
PHP	0.00	0.0	Pg	21:31:17.915	0.0					___				m		47538
PHP	0.71	76.0	Sg	21:31:28.040	-0.1					___				m		47534
PHP	0.71	76.0	AM1	21:31:32.728						___		0.6	0.54	a	M1 2.4	21941
TIR	0.31	124.0	Sg	21:31:15.330	-1.6					___				m		47531
TIR	0.31	124.0	Pg	21:31:11.361	-0.1					___				m		47530
TIR	0.31	124.0	AM1	21:31:15.668						___		2.6	0.20	a	M1 2.5	21938
SDA	0.53	359.0	Sg	21:31:22.722	-0.3					___				m		47533
SDA	0.53	359.0	Pg	21:31:15.775	0.8					___				m		47532
SDA	0.53	359.0	AM1	21:31:32.528						___		0.2	0.58	a	M1 1.6	21940
SDA	0.53	359.0	AM1	21:31:29.368						___		0.2	0.46	a	M1 1.7	21939
NOCI	1.99	250.0	Pn	21:31:39.152	-0.2					___				m		47535
IGT	2.08	162.0	Sn	21:32:07.832	-0.3					___				m		47537
IGT	2.08	162.0	Pn	21:31:41.465	0.8					___				m		47536

DATA_TYPE COMMENT GSE2.1
Event 3872

Official Magnitude:
M1 2.02

Error ellipse:

	Azim	Dip	Mag
Max:	37	59	3.3900
Intermediate:	281	14	1.2300
Min:	184	27	0.8600

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228558 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3873 3.3 km from Selenica e Pishës, Korçë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/08/06	23:25:28.45		0.00	40.4803	20.5630				4.9	0.0	4	9	193	0.22	1.21	m	
3987																	

Magnitude	Err	Nsta	Author	OrigID
M1	1.5	0.0	4	3987

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
KBN	0.22	49.0	S	23:25:35.865	0.0					___				m		47540
KBN	0.22	49.0	P	23:25:32.035	-0.7					___				m		47539
KBN	0.22	49.0	AM1	23:25:37.088						___		0.6	0.16	a	M1 1.7	21942

SRN	0.74	216.0	S	23:25:54.559	0.0	---											m		47542
SRN	0.74	216.0	P	23:25:43.369	0.0	---											m		47541
SRN	0.74	216.0	AM1	23:25:56.278		---						0.0	0.44	a	M1	1.3			21943
IGT	0.96	191.0	S	23:26:02.429	1.0	---											m		47544
IGT	0.96	191.0	P	23:25:47.322	0.0	---											m		47543
IGT	0.96	191.0	AM1	23:26:04.528		---						0.0	0.42	a	M1	1.4			21944
PHP	1.21	356.0	S	23:26:09.887	0.8	---											m		47545
PHP	1.21	356.0	AM1	23:26:17.478		---						0.1	1.24	a	M1	1.7			21945

DATA_TYPE COMMENT GSE2.1
Event 3873

Official Magnitude:
M1 1.51

Error ellipse:

	Azim	Dip	Mag
Max:	130	34	0.0000
Intermediate:	226	9	0.0000
Min:	328	53	0.0000

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228558 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3876 1.3 km from Peshtan, Korçë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID	2020/08/07 04:37:16.99		0.00	40.2387	20.5502				6.9	0.2	4	5	169	0.42	0.73	m	
3990																	

Magnitude	Err	Nsta	Author	OrigID
M1	1.2	0.0	3	3990

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
KBN	0.42	25.0	S	04:37:31.413	0.4					---						m	47565
KBN	0.42	25.0	P	04:37:24.995	0.0					---						m	47564
KBN	0.42	25.0	AM1	04:37:36.260						---		0.1	0.44	a	M1	1.2	21952
SRN	0.55	230.0	S	04:37:37.549	0.8					---						m	47567
SRN	0.55	230.0	P	04:37:28.302	0.0					---						m	47566
SRN	0.55	230.0	AM1	04:37:40.130						---		0.0	0.22	a	M1	0.9	21953
IGT	0.73	194.0	S	04:37:41.880	-0.0					---						m	47569
IGT	0.73	194.0	P	04:37:31.221	0.0					---						m	47568
IGT	0.73	194.0	AM1	04:37:48.190						---		0.1	0.54	a	M1	1.3	21954

DATA_TYPE COMMENT GSE2.1

Event 3876

Official Magnitude:

Ml 1.22

Error ellipse:

	Azim	Dip	Mag
Max:	314	88	0.2200
Intermediate:	113	1	0.0300
Min:	203	1	0.0100

BEGIN GSE2.1

MSG_TYPE DATA

MSG_ID 1599228558 athena

DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3877 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/07	10:42:20.52		0.53	41.3003	19.9395				2.0	4.3	5	9	267	0.07	0.82	m	
3991																	

Magnitude	Err	Nsta	Author	OrigID
Md	2.4	0.0	2	3991
Ml	1.7	0.0	2	3991

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
TIR	0.07	311.0	S	10:42:22.566	-0.8					___					m___	47571	
TIR	0.07	311.0	P	10:42:22.637	0.5					___					m___	47570	
TIR	0.07	311.0	AMd	10:42:49.994						___		0.0	27.36	a___	Md	2.1	21955
TIR	0.07	311.0	AMl	10:42:24.120						___		1.3	0.14	a___	Ml	1.7	21957
PHP	0.52	0.0	P	10:42:30.367	0.0					___					m___	47575	
PHP	0.54	44.0	S	10:42:38.950	-0.3					___					m___	47572	
PHP	0.54	44.0	AMl	10:42:42.250						___		0.3	0.30	a___	Ml	1.8	21958
SDA	0.82	337.0	S	10:42:49.325	0.2					___					m___	47574	
SDA	0.82	337.0	P	10:42:35.902	-1.0					___					m___	47573	
SDA	0.82	337.0	AMd	10:43:21.252						___		0.0	45.35	a___	Md	2.7	21956

DATA_TYPE COMMENT GSE2.1

Event 3877

Official Magnitude:

Ml 1.71

Error ellipse:

	Azim	Dip	Mag
Max:	196	33	7.8400

Intermediate: 324 42 2.9100
Min: 85 29 1.2800

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228558 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3880 1.1 km from Fikas, Elbasan, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/08/08	22:21:03.41		0.20	41.0885	20.0132				6.5	15.4	8	6	156	0.28	1.21	m	
3994																	

Magnitude	Err	Nsta	Author	OrigID
M1	1.4	0.0	2	3994

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.28	0.0	P	22:21:08.356	0.0									m		47604
TIR	0.28	337.0	Sg	22:21:13.516	0.1									m		47595
TIR	0.28	337.0	AM1	22:21:13.678								0.2	0.16	a	M1	1.3
PHP	0.68	28.0	Sg	22:21:26.337	0.2									m		47597
PHP	0.68	28.0	P	22:21:15.864	-0.5									m		47596
PHP	0.68	28.0	AM1	22:21:30.318								0.1	0.30	a	M1	1.5
KBN	0.75	128.0	Sg	22:21:28.284	0.1									m		47599
KBN	0.75	128.0	Pg	22:21:18.622	1.0									m		47598
SDA	1.04	339.0	Sg	22:21:38.811	0.1									m		47601
SDA	1.04	339.0	P	22:21:23.454	-0.1									m		47600
SRN	1.21	181.0	Sg	22:21:45.075	0.1									m		47603
SRN	1.21	181.0	Pg	22:21:28.027	0.8									m		47602

DATA_TYPE COMMENT GSE2.1
Event 3880

Official Magnitude:
M1 1.39

Error ellipse:

	Azim	Dip	Mag
Max:	285	89	15.3500
Intermediate:	72	0	0.6100
Min:	162	1	0.2900

BEGIN GSE2.1
MSG_TYPE DATA

MSG_ID 1599228558 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3883 0.7 km from Gjadër, Dajç, Lezhë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID	2020/08/09 18:41:00.36		0.08	41.8753	19.5857				4.1	0.9	5	5	179	0.57	0.67	m	
	3997																

Magnitude	Err	Nsta	Author	OrigID
M1	1.8	0.0	3	3997

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
SDA	0.19	340.0	S	18:41:06.809	-0.7					___				m___		47633
SDA	0.19	340.0	P	18:41:05.163	0.7					___				m___		47632
SDA	0.19	340.0	AM1	18:41:08.880						___		0.9	0.14	a___	M1	1.8
SDA	0.19	340.0	AM1	18:41:08.830						___		0.8	0.20	a___	M1	1.8
TIR	0.57	0.0	P	18:41:14.428	0.0					___				m___		47639
TIR	0.57	158.0	S	18:41:20.248	0.0					___				m___		47634
TIR	0.57	158.0	AM1	18:41:21.700						___		0.1	0.18	a___	M1	1.4
PDG	0.60	337.0	S	18:41:21.585	0.1					___				m___		47636
PDG	0.60	337.0	P	18:41:12.332	-0.1					___				m___		47635
PHP	0.67	106.0	S	18:41:22.972	-0.1					___				m___		47638
PHP	0.67	106.0	P	18:41:13.398	0.1					___				m___		47637
PHP	0.67	106.0	AM1	18:41:25.070						___		0.3	0.24	a___	M1	1.9

DATA_TYPE COMMENT GSE2.1
Event 3883

Official Magnitude:
M1 1.80

Error ellipse:

	Azim	Dip	Mag
Max:	41	83	0.9200
Intermediate:	232	6	0.4300
Min:	142	1	0.1500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228557 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3887 0.9 km from Lar, Lezhë, Albania

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

2020/08/10 07:11:54.81 0.08 41.9807 20.2563 7.0 5.5 6 33 212 0.32 0.87 m
4001

Magnitude Err Nsta Author OrigID
M1 2.3 0.0 3 4001

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
PHP	0.30	0.0	Pg	07:12:01.005	0.0					___				m		47697
PHP	0.33	154.0	Sg	07:12:05.844	0.0					___				m		47690
PHP	0.33	154.0	AM1	07:12:06.408						___		3.1	0.20	a	M1 2.5	21990
SDA	0.57	278.0	Sg	07:12:14.540	0.0					___				m		47692
SDA	0.57	278.0	Pg	07:12:06.177	0.1					___				m		47691
SDA	0.57	278.0	AM1	07:12:15.818						___		0.8	0.20	a	M1 2.3	21991
TIR	0.70	206.0	Sg	07:12:18.741	-0.1					___				m		47694
TIR	0.70	206.0	Pg	07:12:07.889	-0.6					___				m		47693
TIR	0.70	206.0	AM1	07:12:19.358						___		0.2	0.42	a	M1 1.9	21992
PDG	0.87	302.0	Sg	07:12:25.095	0.8					___				m		47696
PDG	0.87	302.0	Pg	07:12:11.586	-0.1					___				m		47695

DATA_TYPE COMMENT GSE2.1
Event 3887

Official Magnitude:
M1 2.27

Error ellipse:

	Azim	Dip	Mag
Max:	144	89	5.4600
Intermediate:	231	0	0.3000
Min:	321	1	0.1300

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228557 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3888 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/10	17:49:49.86		0.01	41.9053	20.1467				7.1	0.7	4	5	185	0.31	0.84	m	
4002																	

Magnitude Err Nsta Author OrigID
M1 1.7 0.0 2 4002

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
PHP	0.31	0.0	Pg	17:49:55.061	0.0					___				mc		47703

_____			m_____			47698
_____	1.1	0.24	a_____	M1	2.0	21993
_____			m_____			47700
_____			md_____			47699
_____	0.1	0.26	a_____	M1	1.4	21994
_____			m_____			47702
_____			m_____			47701

VLO	1.08	261.0	Pg	20:07:04.846	-1.0	---												m			47725
VLO	1.08	261.0	AMl	20:07:25.970		---												a	Ml	3.5	22000
IGT	1.21	201.0	Sg	20:07:28.511	2.7	---												m			47728
IGT	1.21	201.0	Pg	20:07:09.053	0.3	---												m			47727
SDA	1.74	324.0	Sn	20:07:42.023	-0.1	---												m			47730
SDA	1.74	324.0	Pn	20:07:17.672	-0.4	---												m			47729
SDA	1.74	324.0	AMl	20:07:51.280		---												a	Ml	2.9	22001
LKD2	1.88	186.0	Pn	20:07:20.695	0.5	---												m			47731

DATA_TYPE COMMENT GSE2.1
Event 3890

Official Magnitude:
Ml 2.89

Error ellipse:

	Azim	Dip	Mag
Max:	92	9	1.5000
Intermediate:	201	64	1.0200
Min:	358	24	0.6900

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228557 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3894 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/13	16:27:59.99		0.01	39.4008	20.2658				3.7	0.1	6	8	158	0.14	0.68	m	
4008																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.0	0.0	3	4008

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
IGT	0.14	20.0	S	16:28:04.902	-0.5									m		47787
IGT	0.14	20.0	P	16:28:03.083	0.0									m		47786
IGT	0.14	20.0	AMl	16:28:05.380								11.4	0.22	a	Ml	2.8
KEK	0.48	311.0	S	16:28:16.991	0.0									m		47789
KEK	0.48	311.0	P	16:28:09.683	-0.0									m		47788
SRN	0.52	337.0	S	16:28:20.216	1.2									m		47791
SRN	0.52	337.0	P	16:28:10.861	0.0									m		47790
SRN	0.52	337.0	AMl	16:28:23.470								0.2	0.64	a	Ml	1.5
LKD2	0.68	153.0	S	16:28:23.793	0.0									m		47793
LKD2	0.68	153.0	P	16:28:13.596	0.0									m		47792
LKD2	0.68	153.0	AMl	16:28:27.900								0.3	0.50	a	Ml	2.0

DATA_TYPE COMMENT GSE2.1
Event 3894

Official Magnitude:
Ml 2.01

Error ellipse:

	Azim	Dip	Mag
Max:	57	51	0.1600
Intermediate:	251	37	0.0300
Min:	156	7	0.0200

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228557 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3895 1.2 km from Shpijat Piroll, Lezhë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/08/14	05:12:34.52		0.58	41.5778	19.7318				25.0	2.2	12	8	98	0.25	2.16	m	
4011																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.9	0.0	4	4011

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
TIR	0.25	156.0	Sg	05:12:44.549	-0.8					___				m		47838	
TIR	0.25	0.0	P	05:12:39.935	0.0					___				m		47824	
TIR	0.25	0.0	AMl	05:12:44.880						___		6.0	0.30	a	Ml	2.9	22026
SDA	0.50	340.0	P	05:12:44.531	-0.3					___				m		47837	
SDA	0.50	340.0	Sg	05:12:52.605	0.0					___				m		47836	
SDA	0.50	340.0	AMl	05:12:54.310						___		3.6	0.12	a	Ml	2.9	22025
PHP	0.54	78.0	Pg	05:12:44.387	-0.8					___				m		47835	
PHP	0.54	78.0	Sg	05:12:52.793	-0.4					___				m		47834	
PHP	0.54	78.0	AMl	05:12:53.480						___		4.6	0.16	a	Ml	3.0	22024
PDG	0.92	338.0	Pg	05:12:52.379	0.3					___				m		47833	
PDG	0.92	338.0	Sg	05:13:05.959	0.7					___				m		47832	
VLO	1.12	190.0	P	05:12:56.915	1.9					___				m		47831	
KBN	1.24	139.0	Pg	05:12:59.318	2.0					___				m		47830	
KBN	1.24	139.0	Sg	05:13:15.353	0.9					___				m		47829	
SRN	1.71	173.0	Pg	05:13:06.465	0.5					___				m		47828	
SRN	1.71	173.0	S	05:13:29.772	0.1					___				m		47827	
SRN	1.71	173.0	AMl	05:13:38.500						___		0.3	0.62	a	Ml	2.8	22023
NOCI	2.16	250.0	Pn	05:13:11.245	-1.1					___				m		47826	
NOCI	2.16	250.0	Sn	05:13:40.366	-0.4					___				m		47825	

DATA_TYPE COMMENT GSE2.1
Event 3895

Official Magnitude:
Ml 2.86

Error ellipse:

	Azim	Dip	Mag
Max:	59	58	2.5300
Intermediate:	246	30	1.0400
Min:	154	3	0.7700

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228557 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3896 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/14	15:46:08.80		0.31	40.0913	21.4805				7.0	2.4	8	9	233	0.75	1.78	m	
OrigID	4012																

Magnitude	Err	Nsta	Author	OrigID
Ml	2.5	0.0	2	4012

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
KBN	0.75	316.0	Sg	15:46:33.878	0.2									m		47840
KBN	0.75	316.0	Pg	15:46:23.324	0.3									md		47839
KBN	0.75	316.0	AMl	15:46:39.080								0.8	0.34	a	Ml	2.5
IGT	1.05	239.0	Sg	15:46:44.136	-0.3									m		47842
IGT	1.05	239.0	Pg	15:46:27.781	-1.4									m		47841
SRN	1.16	260.0	Sg	15:46:46.255	-2.5									m		47844
SRN	1.16	260.0	Pg	15:46:31.634	0.0									m		47843
LKD2	1.45	207.0	Sn	15:46:57.472	0.2									m		47846
LKD2	1.45	207.0	Pn	15:46:36.745	0.2									m		47845
PHP	1.78	334.0	Sn	15:47:07.032	0.1									m		47848
PHP	1.78	334.0	Pn	15:46:41.352	-0.7									m		47847
PHP	1.78	334.0	AMl	15:47:12.890								0.2	0.44	a	Ml	2.6

DATA_TYPE COMMENT GSE2.1
Event 3896

Official Magnitude:
Ml 2.52

Error ellipse:

	Azim	Dip	Mag
Max:	275	54	2.9700
Intermediate:	93	35	1.4300
Min:	184	1	0.5500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228557 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3897 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/08/14	18:24:59.53		0.81	41.1555	20.2917				25.0	2.6	16	11	133	0.38	3.46	m	
4013																	

Magnitude	Err	Nsta	Author	OrigID
M1	3.0	0.0	5	4013

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.37	301.0	Sg	18:25:13.358	-0.4									m		47850
TIR	0.37	301.0	Pg	18:25:06.509	-1.2									mc		47849
TIR	0.37	301.0	AM1	18:25:17.350								3.1	0.82	a	M1	2.7
TIR	0.37	301.0	AM1	18:25:16.150								3.3	0.46	a	M1	2.7
PHP	0.54	11.0	Sg	18:25:19.071	0.9									m		47852
PHP	0.54	11.0	Pg	18:25:09.383	-0.8									md		47851
PHP	0.54	11.0	AM1	18:25:19.580								4.9	0.32	a	M1	3.0
KBN	0.65	144.0	Sg	18:25:21.511	0.3									m		47854
KBN	0.65	144.0	Pg	18:25:11.753	-0.2									mc		47853
KBN	0.65	144.0	AM1	18:25:26.590								5.1	0.70	a	M1	3.2
VLO	0.91	222.0	Sg	18:25:31.859	2.9									m		47856
VLO	0.91	222.0	Pg	18:25:17.612	1.3									m		47855
VLO	0.91	222.0	AM1	18:25:39.020								5.2	0.32	a	M1	3.5
SDA	1.07	327.0	Sg	18:25:37.759	2.6									m		47858
SDA	1.07	327.0	Pg	18:25:19.318	-0.6									m		47857
SDA	1.07	327.0	AM1	18:25:41.970								1.0	0.52	a	M1	2.9
SRN	1.29	190.0	Sn	18:25:42.706	0.2									m		47860
SRN	1.29	190.0	Pn	18:25:23.819	-0.3									m		47859
PDG	1.49	330.0	Sg	18:25:49.242	1.3									m		47862
PDG	1.49	330.0	Pg	18:25:26.522	-0.7									m		47861
IGT	1.62	178.0	Sn	18:25:52.182	0.6									m		47864
IGT	1.62	178.0	Pn	18:25:29.252	-0.1									m		47863
LKD2	2.38	173.0	Pn	18:25:39.045	-1.5									m		47865
NOCI	2.47	263.0	Pn	18:25:38.518	-3.4									m		47866
SGRT	3.46	282.0	Pn	18:25:52.958	-3.5									m		47867

DATA_TYPE COMMENT GSE2.1
Event 3897

Official Magnitude:
Ml 2.95

Error ellipse:

	Azim	Dip	Mag
Max:	38	80	2.6600
Intermediate:	255	7	2.1000
Min:	164	6	0.9700

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228557 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3898 0.9 km from Gazu i Sipërm, Lezhë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/15	14:13:56.65		0.02	41.8993	19.8478				7.0	1.8	4	6	174	0.31	0.55	m	
4014																	

Magnitude	Err	Nsta	Author	OrigID
Ml 1.9	0.0	3		4014

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
SDA	0.30	301.0	Sg	14:14:07.386	-0.0					---					m	47869
SDA	0.30	301.0	Pg	14:14:02.399	-0.4					---					m	47868
SDA	0.30	301.0	AMl	14:14:08.480						---		0.9	0.20	a	Ml 1.9	22036
SDA	0.30	301.0	AMl	14:14:09.180						---		1.2	0.14	a	Ml 2.1	22035
PHP	0.49	115.0	Sg	14:14:13.271	0.0					---					m	47871
PHP	0.49	115.0	Pg	14:14:06.097	-0.0					---					m	47870
PHP	0.49	115.0	AMl	14:14:14.470						---		0.2	0.38	a	Ml 1.6	22037
TIR	0.55	0.0	P	14:14:06.914	0.0					---					m	47873
TIR	0.55	178.0	S	14:14:15.712	-0.0					---					m	47872
TIR	0.55	178.0	AMl	14:14:16.170						---		0.3	0.24	a	Ml 1.8	22039
TIR	0.55	178.0	AMl	14:14:16.170						---		0.4	0.14	a	Ml 1.9	22038

DATA_TYPE COMMENT GSE2.1
Event 3898

Official Magnitude:
Ml 1.89

Error ellipse:

Azim Dip Mag

Max: 310 89 1.7900
Intermediate: 35 0 0.1000
Min: 125 1 0.0500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228556 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3899 4.6 km from Fushë-Draç, Durrës, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/17	01:02:47.15		1.30	41.5193	19.4653				76.8	7.0	26	36	75	0.53	4.73	m	4015

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.0	7	4015

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.35	0.0	Pg	01:02:54.273	0.0											47902
TIR	0.35	119.0	Sg	01:02:57.548	-10.0											47874
TIR	0.35	119.0	AMl	01:02:57.750								7.6	0.20	a__	Ml	22041
TIR	0.35	119.0	AMl	01:02:58.400								8.4	0.16	a__	Ml	22040
SDA	0.53	2.0	Sg	01:03:11.550	-0.6											47876
SDA	0.53	2.0	Pg	01:03:01.236	-0.2											47875
SDA	0.53	2.0	AMl	01:03:18.400								0.7	0.24	a__	Ml	22042
PHP	0.75	76.0	Sg	01:03:14.525	-1.4											47878
PHP	0.75	76.0	Pg	01:03:02.162	-1.4											47877
PHP	0.75	76.0	AMl	01:03:16.430								1.7	0.36	a__	Ml	22043
PDG	0.92	351.0	Sg	01:03:25.022	4.8											47880
PDG	0.92	351.0	Pg	01:03:08.208	2.2											47879
VLO	1.05	178.0	Sg	01:03:23.643	1.7											47882
VLO	1.05	178.0	Pg	01:03:09.009	2.0											47881
VLO	1.05	178.0	AMl	01:03:31.430								3.6	0.54	a__	Ml	22044
KBN	1.34	131.0	Sg	01:03:31.261	1.9											47884
KBN	1.34	131.0	Pg	01:03:11.800	0.5											47883
KBN	1.34	131.0	AMl	01:03:33.640								0.7	0.54	a__	Ml	22045
SRN	1.69	165.0	Sn	01:03:37.633	-1.8											47886
SRN	1.69	165.0	Pn	01:03:18.295	1.3											47885
NOCI	1.95	249.0	Sn	01:03:44.326	-1.2											47888
NOCI	1.95	249.0	Pn	01:03:21.148	0.7											47887
NOCI	1.95	249.0	AMl	01:03:57.100								0.4	0.24	a__	Ml	22046
IGT	2.09	161.0	Sn	01:03:49.486	0.5											47890
IGT	2.09	161.0	Pn	01:03:23.515	1.0											47889
THL	2.75	134.0	Sn	01:04:05.651	-0.2											47892
THL	2.75	134.0	Pn	01:03:32.090	-0.0											47891
SGRT	2.79	276.0	Sn	01:04:06.293	-0.4											47894

SGRT	2.79	276.0	Pn	01:03:33.530	0.9	---												m		47893	
SGRT	2.79	276.0	AMl	01:04:08.640		---												a	Ml	2.9	22047
LKD2	2.88	161.0	Sn	01:04:05.947	-3.0	---												m			47896
LKD2	2.88	161.0	Pn	01:03:33.001	-0.9	---												m			47895
KLV	4.04	148.0	Pn	01:03:50.359	-0.6	---												m			47897
CEL	4.26	222.0	Pn	01:03:51.762	-2.4	---												m			47898
BZS	4.39	20.0	Sn	01:04:48.203	0.4	---												m			47900
BZS	4.39	20.0	Pn	01:03:56.882	0.8	---												m			47899
ITM	4.73	155.0	Pn	01:03:59.113	-2.1	---												m			47901

DATA_TYPE COMMENT GSE2.1
Event 3899

Official Magnitude:
Ml 3.10

Error ellipse:

	Azim	Dip	Mag
Max:	38	78	7.1100
Intermediate:	237	10	2.5000
Min:	146	4	2.0800

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228556 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3900 2.8 km from Porto-Romano, Durrës, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/17	01:02:47.25		0.84	41.3738	19.3965				26.6	5.9	18	12	91	0.35	2.76	m	
4016																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.9	0.0	8	4016

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
TIR	0.35	94.0	Sg	01:02:58.063	-3.0					---						m	47904
TIR	0.35	94.0	Pg	01:02:54.278	-0.9					---						md	47903
TIR	0.35	94.0	AMl	01:02:57.750						---		7.6	0.20	a	Ml	3.0	22049
TIR	0.35	94.0	AMl	01:02:58.400						---		8.4	0.16	a	Ml	3.1	22048
SDA	0.68	6.0	Sg	01:03:10.506	-0.2					---						m	47906
SDA	0.68	6.0	Pg	01:03:01.104	0.4					---						m	47905
SDA	0.68	6.0	AMl	01:03:20.730						---		0.5	0.36	a	Ml	2.2	22051
SDA	0.68	6.0	AMl	01:03:18.400						---		0.7	0.24	a	Ml	2.4	22050
PHP	0.84	68.0	Sg	01:03:14.597	-0.6					---						m	47908
PHP	0.84	68.0	Pg	01:03:02.068	-1.2					---						m	47907

PHP	0.84	68.0	AM1	01:03:16.430	
VLO	0.91	175.0	Sg	01:03:22.096	5.6
VLO	0.91	175.0	Pg	01:03:09.008	5.1
VLO	0.91	175.0	AM1	01:03:27.940	
PDG	1.06	355.0	Sg	01:03:24.415	2.0
PDG	1.06	355.0	Pg	01:03:08.271	0.9
KBN	1.29	124.0	Sg	01:03:28.717	-0.1
KBN	1.29	124.0	Pg	01:03:11.522	0.5
KBN	1.29	124.0	AM1	01:03:33.640	
SRN	1.56	162.0	Sn	01:03:37.492	-0.6
SRN	1.56	162.0	Pn	01:03:17.478	1.2
SRN	1.56	162.0	AM1	01:03:46.340	
NOCI	1.86	253.0	Sn	01:03:44.215	-1.2
NOCI	1.86	253.0	Pn	01:03:21.083	0.6
NOCI	1.86	253.0	AM1	01:03:57.100	
IGT	1.97	158.0	Sn	01:03:49.175	0.8
IGT	1.97	158.0	Pn	01:03:23.443	1.3
SGRT	2.75	280.0	Sn	01:04:07.707	-0.8
SGRT	2.75	280.0	Pn	01:03:33.528	-0.1
SGRT	2.75	280.0	AM1	01:04:08.640	
LKD2	2.76	159.0	Pn	01:03:32.986	-0.7

1.7	0.36	a__	M1	2.9	22052
		m__			47910
		mc__			47909
2.3	0.22	a__	M1	3.1	22053
		m__			47912
		md__			47911
		m__			47914
		m__			47913
0.7	0.54	a__	M1	2.9	22054
		m__			47916
		m__			47915
0.3	0.58	a__	M1	2.6	22055
		m__			47918
		mc__			47917
0.4	0.24	a__	M1	3.0	22056
		m__			47920
		m__			47919
		m__			47922
		m__			47921
0.1	0.12	a__	M1	2.8	22057
		m__			47923

DATA_TYPE COMMENT GSE2.1
Event 3900

Official Magnitude:
M1 2.90

Error ellipse:

	Azim	Dip	Mag
Max:	47	60	6.8000
Intermediate:	276	20	1.2900
Min:	178	21	1.2300

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228556 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3901 1.3 km from Ballaban, Vlorë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/08/17	02:50:19.45		0.34	40.2783	19.6940				32.5	0.9	13	9	169	0.24	1.78	m	
4017																	

Magnitude	Err	Nsta	Author	OrigID
M1	2.0	0.0	5	4017

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
VLO	0.24	322.0	Sg	02:50:30.498	0.3					---				m		47925
VLO	0.24	322.0	Pg	02:50:25.197	-0.4					---				m		47924
VLO	0.24	322.0	AM1	02:50:31.770						---		17.6	0.32	a	M1	3.4
SRN	0.46	149.0	Sg	02:50:37.697	0.1					---				m		47927
SRN	0.46	149.0	Pg	02:50:28.611	-1.2					---				m		47926
SRN	0.46	149.0	AM1	02:50:42.040						---		0.4	0.34	a	M1	1.9
IGT	0.89	146.0	Sg	02:50:52.519	3.0					---				m		47929
IGT	0.89	146.0	Pg	02:50:36.978	0.3					---				m		47928
KBN	0.90	67.0	Sg	02:50:49.262	0.2					---				m		47931
KBN	0.90	67.0	Pg	02:50:35.919	-0.5					---				m		47930
TIR	1.08	6.0	Sg	02:50:55.301	0.2					---				m		47933
TIR	1.08	6.0	Pg	02:50:39.893	0.1					---				m		47932
TIR	1.08	6.0	AM1	02:51:02.900						---		0.1	0.68	a	M1	2.0
PHP	1.51	21.0	Sn	02:51:10.721	3.6					---				m		47935
PHP	1.51	21.0	Pn	02:50:46.259	-0.4					---				m		47934
PHP	1.51	21.0	AM1	02:51:13.460						---		0.1	0.36	a	M1	2.2
LKD2	1.66	153.0	Sn	02:51:14.990	3.3					---				m		47937
LKD2	1.66	153.0	Pn	02:50:50.001	0.7					---				m		47936
SDA	1.78	356.0	Sn	02:51:14.730	0.1					---				m		47939
SDA	1.78	356.0	Pn	02:50:50.882	-0.1					---				m		47938
SDA	1.78	356.0	AM1	02:51:25.630						---		0.0	0.48	a	M1	2.0

DATA_TYPE COMMENT GSE2.1
Event 3901

Official Magnitude:
M1 1.96

Error ellipse:

	Azim	Dip	Mag
Max:	238	43	1.3200
Intermediate:	79	43	0.9000
Min:	338	11	0.5900

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228556 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3904 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/18	03:40:39.62		0.62	40.5607	21.2215				2.0	5.7	10	8	175	0.33	1.27	m	
4020																	

Magnitude	Err	Nsta	Author	OrigID
M1	2.3	0.0	3	4020

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
KBN	0.34	281.0	S	03:40:50.047	-1.2									m		47981
KBN	0.34	281.0	P	03:40:45.667	-0.6									m		47980
KBN	0.34	281.0	AM1	03:40:50.820								2.8	0.20	a	M1	2.5
SRN	1.16	235.0	Sg	03:41:19.384	-0.8									m		47983
SRN	1.16	235.0	P	03:41:03.433	0.7									m		47982
SRN	1.16	235.0	AM1	03:41:23.860								0.2	0.34	a	M1	2.1
THL	1.17	148.0	S	03:41:19.740	-0.1									m		47985
THL	1.17	148.0	P	03:41:00.963	-1.7									m		47984
IGT	1.23	214.0	S	03:41:22.592	0.4									m		47987
IGT	1.23	214.0	Pg	03:41:04.030	0.1									m		47986
PHP	1.27	333.0	S	03:41:23.510	0.8									m		47989
PHP	1.27	333.0	Pg	03:41:03.582	-0.7									m		47988
PHP	1.27	333.0	AM1	03:41:28.650								0.2	0.42	a	M1	2.3

DATA_TYPE COMMENT GSE2.1
Event 3904

Official Magnitude:
M1 2.29

Error ellipse:

	Azim	Dip	Mag
Max:	12	87	5.7000
Intermediate:	255	1	1.7000
Min:	165	3	1.0400

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228556 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3907 1.2 km from Gërdec, Tirana, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/19	03:05:24.72		0.16	41.4110	19.6203				25.0	2.4	10	35	177	0.20	1.95	m	
4023																	

Magnitude	Err	Nsta	Author	OrigID
M1	1.9	0.0	3	4023

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.19	108.0	Sg	03:05:32.766	-0.2									m		48026
TIR	0.19	108.0	Pg	03:05:29.675	0.2									m		48025

TIR	0.19	108.0	AM1	03:05:33.200	___	1.2	0.20	a___	M1	2.1	22106
TIR	0.19	108.0	AM1	03:05:33.480	___	1.0	0.12	a___	M1	2.1	22105
SDA	0.65	352.0	Sn	03:05:47.081	0.1	___	___	m___	___	___	48028
SDA	0.65	352.0	Pg	03:05:37.334	-0.1	___	___	m___	___	___	48027
SDA	0.65	352.0	AM1	03:05:52.600	___	0.1	0.28	a___	M1	1.5	22107
PHP	0.68	0.0	Pg	03:05:36.858	0.0	___	___	m___	___	___	48036
PHP	0.67	65.0	Sg	03:05:47.398	0.1	___	___	m___	___	___	48029
PHP	0.67	65.0	AM1	03:05:50.070	___	0.2	0.28	a___	M1	1.8	22108
PDG	1.05	346.0	Sg	03:05:59.508	-0.1	___	___	m___	___	___	48031
PDG	1.05	346.0	Pg	03:05:44.163	-0.5	___	___	m___	___	___	48030
SRN	1.56	169.0	Sn	03:06:15.529	-0.1	___	___	m___	___	___	48033
SRN	1.56	169.0	Pn	03:05:54.066	0.3	___	___	m___	___	___	48032
KEK	1.70	175.0	Pn	03:05:53.707	-2.0	___	___	m___	___	___	48034
IGT	1.95	163.0	Pn	03:05:59.473	-0.0	___	___	m___	___	___	48035

DATA_TYPE COMMENT GSE2.1
Event 3907

Official Magnitude:
Ml 1.94

Error ellipse:

	Azim	Dip	Mag
Max:	42	71	2.5600
Intermediate:	255	15	0.4500
Min:	162	10	0.2600

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228556 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3908 0.9 km from Prodan, Elbasan, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID	2020/08/19 06:51:10.91		0.52	41.3553	20.3597				2.0	5.3	9	7	145	0.33	1.35	m	
4024																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.3	0.0	4	4024

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
PHP	0.33	10.0	Sg	06:51:22.645	-0.2									m___		48038
PHP	0.33	10.0	Pg	06:51:16.563	-1.2									m___		48037
PHP	0.33	10.0	AM1	06:51:23.968								1.9	0.18	a___	M1	2.3
TIR	0.38	0.0	P	06:51:17.847	0.0									m___		48046
TIR	0.37	269.0	S	06:51:23.889	-0.7									m___		48039

TIR	0.37	269.0	AMl	06:51:24.348	___	0.8	0.16	a___	Ml	2.0	22110
KBN	0.80	155.0	S	06:51:38.453	0.4	___		m___			48041
KBN	0.80	155.0	P	06:51:25.604	-0.8	___		m___			48040
KBN	0.80	155.0	AMl	06:51:42.788		___	0.7	0.64	a___	Ml	2.5
SDA	0.95	318.0	S	06:51:43.984	0.1	___		m___			48043
SDA	0.95	318.0	P	06:51:28.814	-0.9	___		m___			48042
SDA	0.95	318.0	AMl	06:51:45.758		___	0.3	0.44	a___	Ml	2.3
PDG	1.35	323.0	Sg	06:51:57.621	0.4	___		m___			48045
PDG	1.35	323.0	Pg	06:51:37.655	0.3	___		m___			48044

DATA_TYPE COMMENT GSE2.1
Event 3908

Official Magnitude:
Ml 2.29

Error ellipse:

	Azim	Dip	Mag
Max:	121	86	5.2900
Intermediate:	243	1	1.4100
Min:	333	3	0.8200

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228555 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3910 0.6 km from Narel, Shkodër, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/19	23:32:26.77		0.01	42.0892	19.9400				7.0	1.1	4	7	192	0.33	0.61	m	4027

Magnitude	Err	Nsta	Author	OrigID
Ml	1.1	0.0	2	4027

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
SDA	0.33	0.0	Pg	23:32:32.994	0.0					___				m___		48080
SDA	0.33	264.0	Sg	23:32:38.508	0.0					___				m___		48075
SDA	0.33	264.0	AMl	23:32:40.870						___		0.1	0.38	a___	Ml	1.0
SDA	0.33	264.0	AMl	23:32:40.630						___		0.1	0.46	a___	Ml	1.1
PHP	0.55	137.0	Sg	23:32:45.320	0.0					___				m___		48077
PHP	0.55	137.0	Pg	23:32:36.559	-0.8					___				mc___		48076
PHP	0.55	137.0	AMl	23:32:47.430						___		0.1	0.44	a___	Ml	1.4
PDG	0.61	305.0	Sg	23:32:47.769	0.0					___				m___		48079
PDG	0.61	305.0	Pg	23:32:38.735	-0.0					___				m___		48078

DATA_TYPE COMMENT GSE2.1
Event 3910

Official Magnitude:
Ml 1.11

Error ellipse:

	Azim	Dip	Mag
Max:	218	88	1.1000
Intermediate:	34	1	0.0800
Min:	124	0	0.0300

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228555 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3911 2.5 km from Suk-Dajç, Shkodër, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/21	00:39:41.60		0.00	41.9525	19.4328				18.2	0.0	4	4	237	0.11	0.80	m	
4028																	

Magnitude	Err	Nsta	Author	OrigID
Ml 1.6	0.0	2		4028

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
SDA	0.11	25.0	Sg	00:39:47.813	0.0					---						48082
SDA	0.11	25.0	Pg	00:39:44.324	-0.8					---						48081
SDA	0.11	25.0	AMl	00:39:48.760						---		0.5	0.10	a	Ml	22123
SDA	0.11	25.0	AMl	00:39:48.780						---		0.5	0.10	a	Ml	22122
PDG	0.49	346.0	Sg	00:39:59.050	0.0					---						48084
PDG	0.49	346.0	Pg	00:39:51.570	0.0					---						48083
PHP	0.78	0.0	Pg	00:39:55.106	0.0					---						48086
PHP	0.80	109.0	Sg	00:40:08.286	0.0					---						48085
PHP	0.80	109.0	AMl	00:40:09.310						---		0.1	0.26	a	Ml	22124

DATA_TYPE COMMENT GSE2.1
Event 3911

Official Magnitude:
Ml 1.61

Error ellipse:

	Azim	Dip	Mag
Max:	42	13	0.0700
Intermediate:	284	62	0.0200

Min: 138 24 0.0100

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228555 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3912 1.6 km from Voskopojë, Korçë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/21	03:33:14.28		0.31	40.6225	20.6012				46.4	1.2	13	9	123	0.14	2.07	m	
4029																	

Magnitude	Err	Nsta	Author	OrigID
M1	2.5	0.0	5	4029

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
KBN	0.14	89.0	Sg	03:33:26.738	-0.1					___				m___		48088
KBN	0.14	89.0	Pg	03:33:21.294	-0.2					___				mc___		48087
KBN	0.14	89.0	AMl	03:33:27.500						___		2.8	0.38	a___	M1	2.7
VLO	0.86	261.0	Sg	03:33:42.592	0.1					___				m___		48090
VLO	0.86	261.0	Pg	03:33:30.401	0.0					___				m___		48089
VLO	0.86	261.0	AMl	03:33:46.680						___		2.3	0.44	a___	M1	3.1
SRN	0.87	212.0	Sg	03:33:44.708	-0.1					___				m___		48092
SRN	0.87	212.0	Pg	03:33:31.493	-0.2					___				md___		48091
TIR	0.91	323.0	Sg	03:33:45.244	0.0					___				m___		48094
TIR	0.91	323.0	Pg	03:33:30.366	-1.6					___				mc___		48093
TIR	0.91	323.0	AMl	03:33:47.130						___		0.2	0.44	a___	M1	2.1
PHP	1.07	354.0	Sg	03:33:48.765	-0.2					___				m___		48096
PHP	1.07	354.0	Pg	03:33:34.734	0.7					___				mc___		48095
PHP	1.07	354.0	AMl	03:33:57.560						___		0.4	0.72	a___	M1	2.5
IGT	1.11	191.0	Sg	03:33:54.296	3.7					___				m___		48098
IGT	1.11	191.0	Pg	03:33:37.633	2.6					___				m___		48097
SDA	1.65	331.0	Sn	03:34:03.812	-0.8					___				m___		48100
SDA	1.65	331.0	Pn	03:33:43.342	0.3					___				m___		48099
SDA	1.65	331.0	AMl	03:34:15.680						___		0.1	0.46	a___	M1	2.2
PDG	2.07	332.0	Sn	03:34:15.195	-0.1					___				m___		48102
PDG	2.07	332.0	Pn	03:33:49.342	0.2					___				m___		48101

DATA_TYPE COMMENT GSE2.1
Event 3912

Official Magnitude:
M1 2.48

Error ellipse:

Azim Dip Mag

Max: 113 48 1.6400
Intermediate: 252 33 0.7700
Min: 357 22 0.5500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228555 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3914 1.7 km from Rilë, Lezhë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/08/22	03:35:02.34		0.08	41.7302	19.6468				23.6	6.4	6	6	182	0.34	0.76	m	
4031																	

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	3	4031

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
SDA	0.34	341.0	Sg	03:35:15.424	0.4									m		48113
SDA	0.34	341.0	Pg	03:35:09.591	-0.0									m		48112
SDA	0.34	341.0	AM1	03:35:15.850								0.4	0.24	a	M1	1.7
TIR	0.42	0.0	Pg	03:35:10.854	0.0									m		48119
TIR	0.42	156.0	Sg	03:35:17.458	0.0									m		48114
TIR	0.42	156.0	AM1	03:35:18.880								0.3	0.24	a	M1	1.7
PHP	0.60	94.0	Sg	03:35:22.485	-0.1									m		48116
PHP	0.60	94.0	P	03:35:13.983	0.1									m		48115
PHP	0.60	94.0	AM1	03:35:24.880								0.6	0.18	a	M1	2.2
PDG	0.76	338.0	Sg	03:35:28.510	0.5									m		48118
PDG	0.76	338.0	Pg	03:35:16.932	-0.1									m		48117

DATA_TYPE COMMENT GSE2.1
Event 3914

Official Magnitude:
ML 1.73

Error ellipse:

	Azim	Dip	Mag
Max:	0	90	6.4100
Intermediate:	233	0	0.3400
Min:	323	0	0.1700

BEGIN GSE2.1
MSG_TYPE DATA

MSG_ID 1599228555 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3915 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/22	09:42:23.23		0.08	41.7740	20.2372				24.5	7.0	6	11	167	0.18	0.98	m	
OrigID 4032																	

Magnitude	Err	Nsta	Author	OrigID
Md	2.6	0.0	3	4032
Ml	1.8	0.0	3	4032

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
PHP	0.16	0.0	P	09:42:28.025	0.0					---				m		48127
PHP	0.18	120.0	S	09:42:30.427	0.0					---				m		48120
PHP	0.18	120.0	AMl	09:42:31.940						---		5.3	0.34	a	Ml	2.8
TIR	0.51	214.0	S	09:42:41.271	0.0					---				m		48122
TIR	0.51	214.0	P	09:42:32.147	-1.4					---				m		48121
TIR	0.51	214.0	AMd	09:43:11.341						---		0.0	39.19	a	Md	2.5
TIR	0.51	214.0	AMl	09:42:43.380						---		0.3	0.14	a	Ml	1.7
SDA	0.62	297.0	S	09:42:44.620	-0.0					---				m		48124
SDA	0.62	297.0	P	09:42:35.355	-0.1					---				m		48123
SDA	0.62	297.0	AMd	09:43:17.598						---		0.0	42.24	a	Md	2.6
SDA	0.62	297.0	AMl	09:42:48.240						---		0.2	0.12	a	Ml	1.8
PDG	0.98	313.0	S	09:42:56.235	0.4					---				m		48126
PDG	0.98	313.0	P	09:42:41.828	-0.0					---				m		48125
PDG	0.98	313.0	AMd	09:43:31.855						---		0.0	50.03	a	Md	2.8

DATA_TYPE COMMENT GSE2.1
Event 3915

Official Magnitude:
Ml 1.81

Error ellipse:

	Azim	Dip	Mag
Max:	0	90	6.9600
Intermediate:	218	0	0.2900
Min:	308	0	0.1700

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228555 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3916 0.9 km from Dukagjini i Ri, Durrës, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/08/22	10:25:41.67		0.51	41.5538	19.6452				35.4	1.8	14	10	156	0.26	2.09	m	
4033																	

Magnitude	Err	Nsta	Author	OrigID
Md	2.9	0.0	8	4033
Ml	3.5	0.0	7	4033

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.26	141.0	S	10:25:52.246	-2.4									m		48129
TIR	0.26	141.0	P	10:25:48.518	-0.6									m		48128
TIR	0.26	141.0	AMd	10:26:45.251								0.0	56.73	a	Md	2.9
TIR	0.26	141.0	AMl	10:25:53.020								37.7	0.36	a	Ml	3.8
SDA	0.51	348.0	S	10:25:59.757	-1.0									m		48131
SDA	0.51	348.0	P	10:25:52.426	-0.2									m		48130
SDA	0.51	348.0	AMd	10:26:54.453								0.0	62.03	a	Md	3.0
SDA	0.51	348.0	AMl	10:26:07.780								4.8	0.38	a	Ml	3.0
PHP	0.61	77.0	S	10:26:03.458	0.3									m		48133
PHP	0.61	77.0	P	10:25:54.400	0.5									m		48132
PHP	0.61	77.0	AMd	10:26:48.409								0.0	54.01	a	Md	2.8
PHP	0.61	77.0	AMl	10:26:13.760								10.5	0.58	a	Ml	3.5
PDG	0.92	343.0	S	10:26:13.288	0.5									m		48135
PDG	0.92	343.0	P	10:25:59.708	0.3									m		48134
PDG	0.92	343.0	AMd	10:27:22.929								0.0	83.22	a	Md	3.3
VLO	1.09	187.0	S	10:26:16.970	0.4									m		48137
VLO	1.09	187.0	P	10:26:02.179	0.6									m		48136
VLO	1.09	187.0	AMd	10:27:20.335								0.0	78.16	a	Md	3.2
VLO	1.09	187.0	AMl	10:26:25.670								13.3	0.22	a	Ml	4.0
KBN	1.27	136.0	S	10:26:21.478	-0.5									m		48139
KBN	1.27	136.0	P	10:26:04.799	0.1									m		48138
KBN	1.27	136.0	AMd	10:27:27.812								0.0	83.01	a	Md	2.7
KBN	1.27	136.0	AMl	10:26:35.310								2.4	0.62	a	Ml	3.4
SRN	1.69	170.0	S	10:26:34.420	-0.5									m		48141
SRN	1.69	170.0	P	10:26:12.004	-0.1									m		48140
SRN	1.69	170.0	AMd	10:27:37.590								0.0	85.59	a	Md	2.8
IGT	2.09	165.0	S	10:26:46.120	1.7									m		48142
IGT	2.09	165.0	AMl	10:26:54.030								0.8	0.30	a	Ml	3.4
NOCI	2.09	250.0	S	10:26:41.657	-2.9									m		48144
NOCI	2.09	250.0	P	10:26:15.395	-2.2									m		48143
NOCI	2.09	250.0	AMd	10:27:57.476								0.0	102.08	a	Md	3.6
NOCI	2.09	250.0	AMl	10:26:52.330								2.2	0.56	a	Ml	3.9

DATA_TYPE COMMENT GSE2.1
Event 3916

Official Magnitude:
Ml 3.52

Error ellipse:

	Azim	Dip	Mag
Max:	13	70	1.9300
Intermediate:	260	7	1.2900
Min:	168	18	0.6500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228555 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3918 2.1 km from Babje, Elbasan, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/08/22	21:40:50.28		0.46	41.1408	20.2903				2.0	3.4	13	35	132	0.38	1.61	m	
4035																	

Magnitude	Err	Nsta	Author	OrigID
Ml	1.5	0.0	4	4035

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
TIR	0.38	303.0	Sg	21:41:03.619	-0.7					___				m		48160	
TIR	0.38	303.0	Pg	21:40:56.643	-1.6					___				m		48159	
TIR	0.38	303.0	AMl	21:41:06.858						___		0.2	0.46	a	Ml	1.3	22172
PHP	0.55	11.0	Sg	21:41:09.501	-0.1					___				m		48162	
PHP	0.55	11.0	Pg	21:41:00.505	-0.8					___				m		48161	
PHP	0.55	11.0	AMl	21:41:11.138						___		0.2	0.22	a	Ml	1.7	22173
KBN	0.64	143.0	Pg	21:41:01.983	-0.8					___				m		48164	
KBN	0.64	143.0	Sg	21:41:11.510	-0.6					___				m		48163	
KBN	0.64	143.0	AMl	21:41:13.408						___		0.1	0.26	a	Ml	1.4	22174
SDA	1.09	328.0	Pg	21:41:11.779	0.0					___				m		48166	
SDA	1.09	328.0	Sg	21:41:28.012	0.2					___				m		48165	
SDA	1.09	328.0	AMl	21:41:30.198						___		0.0	0.16	a	Ml	1.6	22175
SRN	1.28	191.0	Pn	21:41:15.339	-0.4					___				m		48168	
SRN	1.28	191.0	Sn	21:41:35.260	0.4					___				m		48167	
PDG	1.50	330.0	Pn	21:41:18.540	-0.9					___				m		48170	
PDG	1.50	330.0	Sn	21:41:41.729	0.5					___				m		48169	
IGT	1.61	178.0	Sn	21:41:44.410	-0.2					___				m		48172	
IGT	1.61	178.0	Pn	21:41:21.518	0.2					___				m		48171	

DATA_TYPE COMMENT GSE2.1
Event 3918

Official Magnitude:
Ml 1.49

Error ellipse:

	Azim	Dip	Mag
Max:	82	85	3.4100
Intermediate:	252	4	1.3400
Min:	342	1	0.5500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228555 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3919 2.6 km from Draç, Durrës, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/23	02:47:28.70		0.23	41.5805	19.5147				2.0	2.1	10	35	214	0.35	1.36	m	
4036																	

Magnitude	Err	Nsta	Author	OrigID
Ml	1.4	0.0	3	4036

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.35	131.0	Sg	02:47:42.051	0.4									m		48174
TIR	0.35	131.0	Pg	02:47:35.662	-0.5									m		48173
TIR	0.35	131.0	AMl	02:47:43.478								0.3	0.26	a	Ml	1.5
SDA	0.47	359.0	Sg	02:47:46.001	0.3									m		48176
SDA	0.47	359.0	Pg	02:47:38.474	0.1									m		48175
SDA	0.47	359.0	AMl	02:47:48.498								0.1	0.22	a	Ml	1.1
PHP	0.70	81.0	Sg	02:47:52.621	-0.3									m		48178
PHP	0.70	81.0	Pg	02:47:42.565	0.0									m		48177
PHP	0.70	81.0	AMl	02:47:59.508								0.1	0.48	a	Ml	1.4
PDG	0.87	348.0	Sg	02:47:58.389	-0.6									m		48180
PDG	0.87	348.0	Pg	02:47:45.889	-0.1									m		48179
KBN	1.36	134.0	Sg	02:48:14.346	-0.0									m		48182
KBN	1.36	134.0	Pg	02:47:54.653	-0.2									m		48181

DATA_TYPE COMMENT GSE2.1
Event 3919

Official Magnitude:
Ml 1.43

Error ellipse:

	Azim	Dip	Mag
Max:	266	78	2.1600
Intermediate:	59	10	0.9300
Min:	150	5	0.3700

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1599228554 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3922 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/26	09:04:09.71		0.33	39.7015	20.2907				16.3	1.4	12	35	103	0.17	2.20	m	

OrigID 4039

Magnitude	Err	Nsta	Author	OrigID
M1	2.4	0.0	4	4039

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
IGT	0.17	169.0	Sg	09:04:17.302	0.2											48201
IGT	0.17	169.0	Pg	09:04:13.997	0.1											48200
IGT	0.17	169.0	AM1	09:04:20.380								3.5	0.24	a	M1	2.5
SRN	0.29	309.0	Sg	09:04:20.872	-0.2											48203
SRN	0.29	309.0	Pg	09:04:15.949	-0.3											48202
SRN	0.29	309.0	AM1	09:04:22.650								1.8	0.26	a	M1	2.3
KEK	0.38	272.0	Sg	09:04:24.058	0.6											48205
KEK	0.38	272.0	Pg	09:04:17.010	-0.6											48204
LKD2	0.95	162.0	Sg	09:04:43.914	2.0											48207
LKD2	0.95	162.0	Pg	09:04:29.877	1.8											48206
LKD2	0.95	162.0	AM1	09:04:53.110								0.6	0.38	a	M1	2.5
KBN	1.00	22.0	Sn	09:04:42.636	0.3											48209
KBN	1.00	22.0	Pn	09:04:28.812	0.4											48208
KBN	1.00	22.0	AM1	09:04:52.090								0.2	0.56	a	M1	2.1
THL	1.34	95.0	Sg	09:04:53.717	-0.1											48211
THL	1.34	95.0	Pg	09:04:34.543	-0.4											48210
PHP	1.98	3.0	Pn	09:04:45.328	-0.1											48212
KLV	2.20	138.0	Sn	09:05:14.561	-3.8											48214
KLV	2.20	138.0	Pn	09:04:48.997	0.0											48213

DATA_TYPE COMMENT GSE2.1
 Event 3922

Official Magnitude:
 M1 2.39

Error ellipse:

	Azim	Dip	Mag
Max:	227	58	1.6900
Intermediate:	5	24	0.5600
Min:	104	19	0.4800

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1599228554 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3924 1.2 km from Murrë, Dibër, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/27	04:28:02.72		0.01	41.6282	20.2323				7.0	0.9	4	6	238	0.16	1.08	m	
OrigID 4041																	

Magnitude	Err	Nsta	Author	OrigID
Ml	1.7	0.0	2	4041

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
PHP	0.17	0.0	P	04:28:06.108	0.0					---					m	48227
PHP	0.17	70.0	S	04:28:08.402	-0.0					---					m	48223
PHP	0.17	70.0	AMl	04:28:10.718						---		0.7	0.26	a	Ml	1.7
SDA	0.69	308.0	S	04:28:26.571	0.0					---					m	48225
SDA	0.69	308.0	P	04:28:16.341	-0.0					---					m	48224
SDA	0.69	308.0	AMl	04:28:28.818						---		0.2	0.24	a	Ml	1.8
PDG	1.08	319.0	S	04:28:39.407	-0.0					---					m	48226

DATA_TYPE COMMENT GSE2.1
 Event 3924

Official Magnitude:
 Ml 1.73

Error ellipse:

	Azim	Dip	Mag
Max:	61	86	0.8800
Intermediate:	184	2	0.1500
Min:	274	3	0.0300

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1599228554 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3925 1.7 km from Taragjin, Elbasan, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/27	04:15:07.54		0.23	40.8017	20.3220				2.3	2.2	9	7	164	0.40	1.27	m	
OrigID 4042																	

Magnitude Err Nsta Author OrigID
M1 1.4 0.0 3 4042

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
KBN	0.40	116.0	S	04:15:21.105	-0.1									m		48229
KBN	0.40	116.0	P	04:15:14.111	-1.2									m		48228
KBN	0.40	116.0	AM1	04:15:23.580								0.2	0.42	a	M1	1.3
PHP	0.89	5.0	S	04:15:37.653	-0.2									m		48231
PHP	0.89	5.0	P	04:15:25.046	0.2									m		48230
PHP	0.89	5.0	AM1	04:15:47.680								0.0	0.28	a	M1	1.4
SRN	0.95	196.0	S	04:15:41.446	0.2									m		48233
SRN	0.95	196.0	P	04:15:26.142	-0.7									m		48232
SRN	0.95	196.0	AM1	04:15:44.150								0.1	0.42	a	M1	1.4
KEK	1.16	201.0	S	04:15:47.310	-0.2									m		48235
KEK	1.16	201.0	P	04:15:29.796	-0.6									m		48234
IGT	1.27	179.0	S	04:15:51.044	-0.1									m		48237
IGT	1.27	179.0	P	04:15:32.485	0.0									m		48236

DATA_TYPE COMMENT GSE2.1
Event 3925

Official Magnitude:
M1 1.39

Error ellipse:

	Azim	Dip	Mag
Max:	321	85	2.2400
Intermediate:	101	3	0.7800
Min:	191	3	0.3400

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228554 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3926 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/27	08:14:42.52		0.25	39.4573	20.3405				25.4	1.1	8	8	190	0.49	2.84	m	

OrigID 4043

Magnitude Err Nsta Author OrigID
Md 2.7 0.0 4 4043
M1 3.4 0.0 4 4043

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

KEK	0.49	302.0	S	08:15:00.369	0.1	---	m	48239
KEK	0.49	302.0	P	08:14:52.315	-0.3	---	m	48238
KEK	0.49	302.0	AMd	08:15:39.144		---	0.0 46.83 a Md 2.7	22195
SRN	0.50	329.0	S	08:15:00.732	-0.3	---	m	48241
SRN	0.50	329.0	P	08:14:53.447	0.4	---	m	48240
SRN	0.50	329.0	AMd	08:15:58.330		---	0.0 64.88 a Md 2.4	22196
SRN	0.50	329.0	AMl	08:15:06.360		---	3.9 0.50 a Ml 2.9	22199
LKD2	0.71	159.0	S	08:15:07.138	0.2	---	m	48243
LKD2	0.71	159.0	P	08:14:56.147	-0.3	---	m	48242
LKD2	0.71	159.0	AMd	08:16:14.381		---	0.0 78.23 a Md 2.6	22197
LKD2	0.71	159.0	AMl	08:15:10.740		---	4.9 0.38 a Ml 3.3	22200
VLO	1.20	328.0	S	08:15:20.970	0.2	---	m	48245
VLO	1.20	328.0	P	08:15:08.618	4.2	---	m	48244
VLO	1.20	328.0	AMd	08:16:12.284		---	0.0 63.67 a Md 3.1	22198
VLO	1.20	328.0	AMl	08:15:32.810		---	3.9 0.26 a Ml 3.5	22201
PHP	2.23	0.0	P	08:15:22.400	0.0	---	m	48247
NOCI	2.84	299.0	S	08:16:06.167	-0.0	---	m	48246
NOCI	2.84	299.0	AMl	08:16:22.360		---	0.5 0.28 a Ml 3.6	22202

DATA_TYPE COMMENT GSE2.1
Event 3926

Official Magnitude:
Ml 3.40

Error ellipse:

	Azim	Dip	Mag
Max:	59	22	2.1600
Intermediate:	233	67	1.1800
Min:	328	2	0.4500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228554 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3927 1.0 km from Zvezdë, Korçë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/27	13:20:11.54		0.11	40.7382	20.8645				10.3	0.5	8	10	160	0.13	1.47	m	
4044																	

Magnitude	Err	Nsta	Author	OrigID
Md	2.9	0.0	5	4044
Ml	3.2	0.0	3	4044

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

KBN	0.13	208.0	S	13:20:16.076	0.1	---	m	48249
KBN	0.13	208.0	P	13:20:13.857	-0.2	---	m	48248
KBN	0.13	208.0	AMd	13:20:36.052		---	0.0 22.19 a Md 1.3	22203
KBN	0.13	208.0	AMl	13:20:17.010		---	22.9 0.30 a Ml 3.2	22208
TIR	0.97	310.0	S	13:20:44.751	0.1	---	m	48251
TIR	0.97	310.0	P	13:20:27.366	-3.1	---	m	48250
TIR	0.97	310.0	AMd	13:21:28.314		---	0.0 60.95 a Md 3.0	22204
PHP	1.00	342.0	S	13:20:44.940	-0.1	---	m	48253
PHP	1.00	342.0	P	13:20:30.736	0.1	---	m	48252
PHP	1.00	342.0	AMd	13:21:28.313		---	0.0 57.58 a Md 2.9	22205
PHP	1.00	342.0	AMl	13:20:50.410		---	0.3 0.30 a Ml 2.2	22209
IGT	1.27	199.0	S	13:20:54.150	-0.1	---	m	48255
IGT	1.27	199.0	P	13:20:35.201	-0.7	---	m	48254
IGT	1.27	199.0	AMd	13:21:54.920		---	0.0 79.72 a Md 2.7	22206
THL	1.47	142.0	S	13:21:00.257	0.0	---	m	48257
THL	1.47	142.0	P	13:20:39.418	0.1	---	m	48256
THL	1.47	142.0	AMd	13:21:49.211		---	0.0 69.79 a Md 3.2	22207
THL	1.47	142.0	AMl	13:21:04.680		---	234.0 0.12 a Ml 5.5	22210

DATA_TYPE COMMENT GSE2.1
Event 3927

Official Magnitude:
Ml 3.17

Error ellipse:

	Azim	Dip	Mag
Max:	264	59	0.5800
Intermediate:	68	29	0.2900
Min:	162	7	0.1600

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228554 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3930 0.3 km from Elaia, Epirus, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/29	06:11:21.68		0.01	39.5840	20.3332				26.8	0.1	5	8	223	0.05	0.43	m	
4047																	

Magnitude	Err	Nsta	Author	OrigID
Ml	1.7	0.0	2	4047

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
IGT	0.05	183.0	S	06:11:29.300	0.0											48299
																m

IGT	0.05	183.0	P	06:11:26.015	-0.0	---											m		48298
IGT	0.05	183.0	AM1	06:11:30.088		---											a	M1	2.2
SRN	0.39	320.0	S	06:11:37.191	-0.1	---											m		48301
SRN	0.39	320.0	P	06:11:30.577	0.0	---											m		48300
SRN	0.39	320.0	AM1	06:11:39.198		---											a	M1	1.2
KEK	0.43	288.0	S	06:11:38.709	0.9	---											m		48303
KEK	0.43	288.0	P	06:11:30.900	0.0	---											m		48302

DATA_TYPE COMMENT GSE2.1
Event 3930

Official Magnitude:
M1 1.68

Error ellipse:

	Azim	Dip	Mag
Max:	80	33	0.1800
Intermediate:	197	35	0.1500
Min:	320	38	0.0500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228554 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3931 0.6 km from Piranjak, Fier, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/08/29	09:35:34.59		0.12	40.8578	19.7707				19.5	1.3	12	8	142	0.44	1.39	m	
4048																	

Magnitude	Err	Nsta	Author	OrigID
Md	2.3	0.0	4	4048
M1	2.2	0.0	3	4048

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
VLO	0.44	209.0	S	09:35:52.027	2.8										m	48305
VLO	0.44	209.0	P	09:35:42.900	-0.1										m	48304
VLO	0.44	209.0	AMd	09:36:15.896								0.0	33.00	a	Md	2.3
VLO	0.44	209.0	AM1	09:35:54.418								1.8	0.20	a	M1	2.4
VLO	0.44	209.0	AM1	09:35:54.688								2.1	0.28	a	M1	2.5
KBN	0.81	106.0	S	09:36:00.972	-0.1										m	48307
KBN	0.81	106.0	P	09:35:49.710	-0.0										m	48306
PHP	0.97	31.0	S	09:36:06.418	0.0										m	48309
PHP	0.97	31.0	P	09:35:52.839	0.1										m	48308
PHP	0.97	31.0	AMd	09:36:36.438								0.0	43.60	a	Md	2.7
PHP	0.97	31.0	AM1	09:36:10.298								0.1	0.26	a	M1	2.0

SRN	0.99	169.0	S	09:36:08.331	0.0	---	m	48311
SRN	0.99	169.0	P	09:35:53.666	-0.2	---	m	48310
SRN	0.99	169.0	AMd	09:36:42.803		---	0.0 49.14 a Md 2.2	22224
SRN	0.99	169.0	AMl	09:36:11.188		---	0.1 0.30 a Ml 1.9	22229
KEK	1.14	179.0	S	09:36:11.906	-0.4	---	m	48313
KEK	1.14	179.0	P	09:35:56.198	0.0	---	m	48312
SDA	1.21	351.0	S	09:36:14.297	-0.1	---	m	48315
SDA	1.21	351.0	P	09:35:57.386	0.1	---	m	48314
IGT	1.39	161.0	S	09:36:20.105	0.1	---	m	48317
IGT	1.39	161.0	P	09:36:00.757	0.2	---	m	48316
IGT	1.39	161.0	AMd	09:36:58.174		---	0.0 57.42 a Md 2.4	22225

DATA_TYPE COMMENT GSE2.1
Event 3931

Official Magnitude:
Ml 2.20

Error ellipse:

	Azim	Dip	Mag
Max:	252	74	1.3000
Intermediate:	85	14	0.3700
Min:	354	3	0.2100

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228553 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3932 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/29	13:10:03.84		0.26	40.9087	19.8285				7.6	2.7	10	11	134	0.50	1.58	m	4049

Magnitude	Err	Nsta	Author	OrigID
Ml	2.3	0.0	5	4049

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.44	0.0	P	13:10:13.472	0.0					---				m		48334
TIR	0.44	3.0	S	13:10:20.439	1.3					---				m		48318
TIR	0.44	3.0	AMl	13:10:22.260						---		0.8	0.24	a	Ml 2.0	22230
VLO	0.51	211.0	S	13:10:23.162	3.0					---				m		48320
VLO	0.51	211.0	P	13:10:13.241	0.1					---				m		48319
VLO	0.51	211.0	AMl	13:10:25.470						---		4.2	0.28	a	Ml 2.9	22231
KBN	0.78	111.0	S	13:10:33.746	3.9					---				m		48322
KBN	0.78	111.0	P	13:10:18.846	0.2					---				m		48321

PHP	0.90	30.0	S	13:10:36.041	1.9	---	m	---	48324
PHP	0.90	30.0	P	13:10:20.775	-0.4	---	m	---	48323
PHP	0.90	30.0	AM1	13:10:41.090		---	0.4	0.32 a	M1 2.3 22232
SRN	1.04	172.0	S	13:10:39.214	-0.6	---	m	---	48326
SRN	1.04	172.0	P	13:10:24.160	-0.2	---	m	---	48325
SDA	1.17	348.0	S	13:10:43.843	0.4	---	m	---	48328
SDA	1.17	348.0	P	13:10:26.764	0.3	---	m	---	48327
SDA	1.17	348.0	AM1	13:10:45.730		---	0.3	0.32 a	M1 2.4 22233
KEK	1.19	182.0	S	13:10:42.209	-2.2	---	m	---	48330
KEK	1.19	182.0	P	13:10:25.384	-1.6	---	m	---	48329
IGT	1.43	164.0	S	13:10:51.914	0.3	---	m	---	48332
IGT	1.43	164.0	P	13:10:31.270	0.1	---	m	---	48331
IGT	1.43	164.0	AM1	13:10:51.970		---	0.1	0.48 a	M1 2.3 22234
PDG	1.58	345.0	S	13:10:55.524	-0.8	---	m	---	48333

DATA_TYPE COMMENT GSE2.1
Event 3932

Official Magnitude:
M1 2.34

Error ellipse:

	Azim	Dip	Mag
Max:	38	88	2.6600
Intermediate:	268	0	0.7500
Min:	178	2	0.4500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228553 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3934 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/08/29	16:37:38.46		0.47	39.7043	20.3442				2.2	2.5	9	35	151	0.17	2.18	m	
4051																	

Magnitude	Err	Nsta	Author	OrigID
M1	1.3	0.0	1	4051

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
IGT	0.17	184.0	Sg	16:37:44.438	-0.6									m		48344
IGT	0.17	184.0	Pg	16:37:41.592	-0.6									m		48343
SRN	0.32	304.0	Sg	16:37:50.779	-0.2									m		48346
SRN	0.32	304.0	Pg	16:37:45.541	-0.1									m		48345
SRN	0.32	304.0	AM1	16:37:53.640								0.2	0.14	a	M1 1.3	22237

KEK	0.42	272.0	Sg	16:37:53.909	0.1	---	m	48348
KEK	0.42	272.0	Pg	16:37:46.046	-1.2	---	m	48347
LKD2	0.95	164.0	Sg	16:38:11.476	0.2	---	m	48350
LKD2	0.95	164.0	Pg	16:37:58.209	1.0	---	m	48349
THL	1.30	95.0	Pn	16:38:03.729	-0.2	---	m	48351
KLV	2.18	139.0	Pn	16:38:16.563	-2.4	---	m	48352

DATA_TYPE COMMENT GSE2.1
Event 3934

Official Magnitude:
Ml 1.31

Error ellipse:

	Azim	Dip	Mag
Max:	186	74	2.5800
Intermediate:	53	10	1.4400
Min:	321	11	0.7400

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228553 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3935 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/29	17:24:14.34		0.86	39.6767	20.3068				2.0	5.4	8	36	211	0.14	0.93	m	
4052																	

Magnitude	Err	Nsta	Author	OrigID
Ml	1.4	0.0	2	4052

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
IGT	0.15	173.0	S	17:24:19.180	-0.7											48354
IGT	0.15	173.0	Pg	17:24:16.819	-0.7											48353
IGT	0.15	173.0	AMl	17:24:20.250								1.8	0.16	a	Ml	2.0
SRN	0.31	311.0	Sg	17:24:27.200	0.6											48356
SRN	0.31	311.0	Pg	17:24:20.884	-0.5											48355
SRN	0.31	311.0	AMl	17:24:28.750								0.1	0.14	a	Ml	0.9
KEK	0.40	276.0	Sg	17:24:28.480	-0.3											48358
KEK	0.40	276.0	Pg	17:24:21.290	-1.3											48357
LKD2	0.93	162.0	Sg	17:24:48.184	1.6											48360
LKD2	0.93	162.0	Pg	17:24:30.909	-1.9											48359

DATA_TYPE COMMENT GSE2.1
Event 3935

Official Magnitude:

Ml 1.44

Error ellipse:

	Azim	Dip	Mag
Max:	95	66	5.8500
Intermediate:	230	17	4.8700
Min:	325	16	1.2900

BEGIN GSE2.1

MSG_TYPE DATA

MSG_ID 1599228553 athena

DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3936 13 km from Gjilek, Vlorë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/30	21:11:46.91		0.42	40.0567	19.5418				17.4	1.1	16	36	206	0.40	2.86	m	4053

Magnitude	Err	Nsta	Author	OrigID
Ml	2.2	0.0	6	4053

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
SRN	0.39	116.0	Sg	21:12:01.700	-0.1									m		48362
SRN	0.39	116.0	P	21:11:55.331	-0.1									m		48361
SRN	0.39	116.0	AMl	21:12:08.400								0.3	0.34	a	Ml	22240
KEK	0.40	150.0	Sg	21:12:04.647	3.5									m	1.6	48364
KEK	0.40	150.0	Pg	21:11:55.775	0.7									m		48363
VLO	0.41	356.0	Sg	21:12:00.332	-0.2									m		48366
VLO	0.41	356.0	Pg	21:11:54.329	-0.4									m		48365
VLO	0.41	356.0	AMl	21:12:09.660								4.1	0.40	a	Ml	22242
VLO	0.41	356.0	AMl	21:12:05.720								4.0	0.20	a	Ml	22241
IGT	0.80	130.0	Sg	21:12:13.533	-0.7									m		48368
IGT	0.80	130.0	Pg	21:12:02.745	0.2									m		48367
IGT	0.80	130.0	AMl	21:12:26.010								0.2	0.32	a	Ml	22243
KBN	1.11	58.0	Sg	21:12:23.042	0.1									m		48370
KBN	1.11	58.0	Pg	21:12:07.908	0.4									m		48369
KBN	1.11	58.0	AMl	21:12:31.090								0.2	0.60	a	Ml	22244
TIR	1.31	10.0	Pg	21:12:11.008	-0.6									m		48372
TIR	1.31	10.0	Sg	21:12:30.275	0.2									m		48371
TIR	1.31	10.0	AMl	21:12:40.470								0.1	0.84	a	Ml	22246
TIR	1.31	10.0	AMl	21:12:40.820								0.2	0.90	a	Ml	22245
LKD2	1.53	145.0	Sg	21:12:40.665	3.7									m		48374
LKD2	1.53	145.0	Pg	21:12:18.487	3.0									m		48373
PHP	1.76	22.0	Sn	21:12:44.007	0.6									m		48376

PHP	1.76	22.0	Pn	21:12:18.832	-0.4	---												m		48375	
PHP	1.76	22.0	AMl	21:12:46.240		---												a	Ml	2.4	22247
THL	1.97	103.0	Sn	21:12:48.795	-0.6	---												m			48378
THL	1.97	103.0	Pn	21:12:23.176	0.6	---												m			48377
KLV	2.86	133.0	Pn	21:12:35.651	-0.1	---												m			48379

DATA_TYPE COMMENT GSE2.1
Event 3936

Official Magnitude:
Ml 2.23

Error ellipse:

	Azim	Dip	Mag
Max:	249	30	1.9800
Intermediate:	70	59	1.2700
Min:	159	0	0.6600

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228553 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3937 3.6 km from Kuç, Vlorë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/31	11:55:34.06		0.08	40.1535	19.8717				2.0	0.8	8	11	150	0.29	1.59	m	
4054																	

Magnitude	Err	Nsta	Author	OrigID
Md	2.6	0.0	5	4054
Ml	2.1	0.0	3	4054

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
SRN	0.29	160.0	S	11:55:45.635	-0.0											48381	
SRN	0.29	160.0	P	11:55:40.395	-0.3											48380	
SRN	0.29	160.0	AMd	11:56:20.939								0.0	40.54	a	Md	1.9	22248
SRN	0.29	160.0	AMl	11:55:48.630								1.1	0.34	a	Ml	2.0	22253
VLO	0.43	318.0	P	11:55:42.243	0.0											48382	
VLO	0.43	318.0	AMd	11:56:24.781								0.0	42.54	a	Md	2.6	22249
KEK	0.44	188.0	S	11:55:50.136	0.0											48384	
KEK	0.44	188.0	P	11:55:42.715	-0.5											48383	
KEK	0.44	188.0	AMd	11:56:34.560								0.0	51.85	a	Md	2.8	22250
IGT	0.71	150.0	S	11:55:59.139	-0.1											48386	
IGT	0.71	150.0	P	11:55:48.449	0.0											48385	
IGT	0.71	150.0	AMd	11:56:40.500								0.0	52.05	a	Md	2.2	22251
IGT	0.71	150.0	AMl	11:56:03.730								0.4	0.46	a	Ml	2.1	22254

TIR	1.19	0.0	S	11:56:15.210	0.0	---	m	48388
TIR	1.19	0.0	P	11:55:56.830	-0.7	---	m	48387
TIR	1.19	0.0	AMd	11:56:43.291		---	0.0 46.46 a Md 2.7	22252
TIR	1.19	0.0	AMl	11:56:24.620		---	0.2 0.38 a Ml 2.3	22255
LKD2	1.49	155.0	S	11:56:24.758	-0.0	---	m	48389
PHP	1.59	0.0	P	11:56:05.492	0.0	---	m	48390

DATA_TYPE COMMENT GSE2.1
Event 3937

Official Magnitude:
Ml 2.08

Error ellipse:

	Azim	Dip	Mag
Max:	273	79	0.8600
Intermediate:	74	10	0.4100
Min:	165	4	0.1300

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228553 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3938 4.5 km from Tatzat, Vlorë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/08/31	11:56:45.79		0.08	40.0735	19.9322				2.3	0.4	8	12	152	0.20	1.66	m	
4055																	

Magnitude	Err	Nsta	Author	OrigID
Md	2.4	0.0	4	4055
Ml	2.3	0.0	4	4055

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
SRN	0.20	164.0	S	11:56:53.995	-0.0									m		48392
SRN	0.20	164.0	P	11:56:50.564	0.1									m		48391
SRN	0.20	164.0	AMd	11:57:35.083								0.0	44.52	a	Md	2.0
SRN	0.20	164.0	AMl	11:56:58.920								1.3	0.28	a	Ml	2.0
KEK	0.38	197.0	S	11:56:59.473	-0.1									m		48394
KEK	0.38	197.0	P	11:56:52.753	-0.9									m		48393
KEK	0.38	197.0	AMd	11:57:43.115								0.0	50.36	a	Md	2.7
VLO	0.52	320.0	S	11:57:03.107	0.1									m		48395
VLO	0.52	320.0	AMl	11:57:05.630								1.9	0.20	a	Ml	2.6
IGT	0.62	150.0	S	11:57:09.380	1.6									m		48397
IGT	0.62	150.0	P	11:56:58.395	0.0									m		48396
IGT	0.62	150.0	AMd	11:57:57.787								0.0	59.39	a	Md	2.3

_____			m_____			48398
_____	0.2	0.50	a_____	Ml	2.3	22262
_____			m_____			48400
_____			m_____			48399
_____	0.0	66.82	a_____	Md	2.5	22259
_____	0.2	0.72	a_____	Ml	2.3	22263
_____			m_____			48401

Official Magnitude:
Ml 2.17

Error ellipse:

	Azim	Dip	Mag
Max:	315	47	1.2500
Intermediate:	90	32	0.1200
Min:	196	24	0.0300

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

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228559 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3856 2.4 km from Perivăli, Thessaly, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2020/08/01	05:45:12.56		1.72	39.3890	21.4315				26.4	4.7	24	35	89	0.49	4.92	m		3970

Magnitude	Err	Nsta	Author	OrigID
Ml	3.7	0.0	4	3970

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
THL	0.48	68.0	Sg	05:45:30.122	0.0					---				m_		47357
THL	0.48	68.0	Pg	05:45:21.869	-0.7					---				m_		47356
LKD2	0.85	226.0	Sg	05:45:41.697	0.5					---				m_		47359
LKD2	0.85	226.0	Pg	05:45:27.665	-1.3					---				mc_		47358
IGT	0.86	280.0	Sg	05:45:41.002	-0.7					---				m_		47361
IGT	0.86	280.0	Pg	05:45:28.386	-0.8					---				mc_		47360

SRN	1.21	295.0	Sg	05:45:55.365	2.4	---	m	---	47363
SRN	1.21	295.0	Pg	05:45:35.390	-0.3	---	m	---	47362
KBN	1.33	339.0	Sg	05:45:58.492	3.3	---	m	---	47365
KBN	1.33	339.0	Pg	05:45:38.037	1.1	---	m	---	47364
KLK	1.46	157.0	P	05:45:38.506	-1.1	---	m	---	47366
THE	1.71	42.0	Sn	05:46:11.234	4.3	---	m	---	47368
THE	1.71	42.0	Pn	05:45:42.141	-1.5	---	m	---	47367
THE	1.71	42.0	AMl	05:46:15.628		---	1.1	0.68 a Ml 3.4	21881
VLO	1.84	307.0	Pn	05:45:50.687	5.9	---	m	---	47369
ITM	2.24	169.0	Sn	05:46:23.590	3.0	---	m	---	47371
ITM	2.24	169.0	Pn	05:45:52.869	1.4	---	m	---	47370
PHP	2.41	343.0	Sn	05:46:29.840	5.3	---	m	---	47373
PHP	2.41	343.0	Pn	05:45:54.234	0.6	---	m	---	47372
PHP	2.41	343.0	AMl	05:46:38.028		---	1.6	0.90 a Ml 3.9	21882
SDA	3.04	332.0	Sn	05:46:41.867	0.8	---	m	---	47375
SDA	3.04	332.0	Pn	05:46:03.269	0.1	---	m	---	47374
SDA	3.04	332.0	AMl	05:46:57.468		---	0.3	0.80 a Ml 3.4	21883
PDG	3.45	333.0	Sn	05:46:49.636	-2.2	---	m	---	47377
PDG	3.45	333.0	Pn	05:46:09.123	-0.2	---	m	---	47376
RDO	3.60	59.0	Sn	05:46:48.171	-7.3	---	m	---	47379
RDO	3.60	59.0	Pn	05:46:07.033	-4.4	---	m	---	47378
NOCI	3.63	295.0	Pn	05:46:09.643	-2.2	---	m	---	47380
SGRT	4.92	301.0	Sn	05:47:20.991	-8.7	---	m	---	47382
SGRT	4.92	301.0	Pn	05:46:27.493	-3.4	---	m	---	47381
SGRT	4.92	301.0	AMl	05:47:29.158		---	0.8	0.58 a Ml 4.4	21884

DATA_TYPE COMMENT GSE2.1
Event 3856

Official Magnitude:
Ml 3.67

Error ellipse:

	Azim	Dip	Mag
Max:	202	81	4.7100
Intermediate:	53	6	2.6200
Min:	322	5	2.4700

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228559 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3858 1.3 km from Chóika, Epirus, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2020/08/01	12:13:12.27		0.56	39.3525	20.5842				15.7	2.2	16	35	139	0.27	2.82	m		3972

Magnitude	Err	Nsta	Author	OrigID
Ml	3.4	0.0	7	3972

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
IGT	0.27	313.0	Sg	12:13:22.669	0.3									m		47390
IGT	0.27	313.0	Pg	12:13:17.917	-0.1									m		47389

IGT	0.27	313.0	AMl	12:13:28.508	
LKD2	0.57	174.0	Sg	12:13:32.692	0.7
LKD2	0.57	174.0	Pg	12:13:23.137	-0.4
LKD2	0.57	174.0	AMl	12:13:39.798	
SRN	0.69	320.0	Sg	12:13:36.790	0.0
SRN	0.69	320.0	Pg	12:13:25.368	-0.9
SRN	0.69	320.0	AMl	12:13:41.768	
THL	1.13	78.0	Sg	12:13:50.078	0.2
THL	1.13	78.0	Pg	12:13:33.069	-0.7
KBN	1.28	6.0	Sg	12:13:58.973	5.2
KBN	1.28	6.0	Pg	12:13:36.759	0.8
KBN	1.28	6.0	AMl	12:14:00.148	
VLO	1.39	324.0	Sg	12:13:57.061	0.1
VLO	1.39	324.0	Pg	12:13:43.325	5.5
VLO	1.39	324.0	AMl	12:14:08.968	
KLv	1.79	136.0	Sg	12:14:13.449	3.1
KLv	1.79	136.0	Pg	12:13:46.117	0.7
TIR	2.07	345.0	Sn	12:14:17.859	0.3
TIR	2.07	345.0	Pn	12:13:49.746	0.2
TIR	2.07	345.0	AMl	12:14:36.188	
PHP	2.33	358.0	Pn	12:13:53.102	-0.1
PHP	2.33	358.0	AMl	12:14:47.558	
ITM	2.41	153.0	Pn	12:13:53.789	-0.9
SDA	2.82	344.0	Pn	12:13:58.572	-2.1

18.1	0.30	a	Ml	3.3	21888
		m			47392
		m			47391
9.6	0.44	a	Ml	3.3	21889
		m			47394
		m			47393
3.6	0.48	a	Ml	3.1	21890
		m			47396
		m			47395
		m			47398
		m			47397
3.3	1.18	a	Ml	3.5	21891
		m			47400
		m			47399
6.3	0.30	a	Ml	3.9	21892
		m			47402
		m			47401
		m			47404
		m			47403
0.8	0.86	a	Ml	3.4	21893
		m			47405
0.8	1.24	a	Ml	3.5	21894
		m			47406
		m			47407

DATA_TYPE COMMENT GSE2.1
Event 3858

Official Magnitude:
Ml 3.39

Error ellipse:

	Azim	Dip	Mag
Max:	239	57	2.6000
Intermediate:	54	32	1.2700
Min:	145	2	0.7800

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228559 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3864 1.3 km from Giromani, Epirus, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2020/08/03	01:22:51.46		0.02	39.6525	20.3285				17.9	0.1	9	7	144	0.12	1.03	m		3978

Magnitude	Err	Nsta	Author	OrigID
Ml	2.1	0.0	3	3978

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
IGT	0.12	179.0	S	01:22:58.649	0.8									m		47464
IGT	0.12	179.0	P	01:22:55.115	-0.0									m		47463
IGT	0.12	179.0	AMl	01:23:01.258								2.9	0.24	a	Ml	2.4
																21913

SRN	0.34	313.0	S	01:23:04.748	0.1	---	m	47466
SRN	0.34	313.0	P	01:22:59.025	0.0	---	m	47465
SRN	0.34	313.0	AMl	01:23:05.948		---	0.3 0.38 a Ml 1.6	21914
KEK	0.42	279.0	S	01:23:06.339	-0.1	---	m	47468
KEK	0.42	279.0	P	01:22:59.989	0.0	---	m	47467
LKD2	0.90	163.0	S	01:23:21.811	0.0	---	m	47470
LKD2	0.90	163.0	P	01:23:08.792	0.0	---	m	47469
LKD2	0.90	163.0	AMl	01:23:26.998		---	0.3 0.24 a Ml 2.1	21915
KBN	1.03	19.0	S	01:23:25.019	-0.0	---	m	47472
KBN	1.03	19.0	P	01:23:10.661	0.0	---	m	47471

DATA_TYPE COMMENT GSE2.1
Event 3864

Official Magnitude:
Ml 2.14

Error ellipse:

	Azim	Dip	Mag
Max:	250	55	0.1100
Intermediate:	66	33	0.0500
Min:	157	2	0.0400

BEGIN GSE2.1
MSG TYPE DATA
MSG_ID 1599228558 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3869 0.2 km from Sitaina, Epirus, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2020/08/05	21:18:56.77		0.04	39.6857	20.3665				5.8	1.0	5	7	149	0.15	1.28	m		3983

Magnitude	Err	Nsta	Author	OrigID
Ml	2.7	0.0	3	3983

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
IGT	0.16	191.0	S	21:19:02.731	0.1									m		47511
IGT	0.16	191.0	P	21:19:00.074	-0.1									m		47510
IGT	0.16	191.0	AMl	21:19:04.238								17.2	0.28	a Ml	3.1	21927
SRN	0.34	305.0	S	21:19:10.540	1.0									m		47513
SRN	0.34	305.0	P	21:19:04.047	0.0									m		47512
SRN	0.34	305.0	AMl	21:19:11.048								0.7	0.34	a Ml	1.9	21928
LKD2	0.92	165.0	S	21:19:28.784	0.5									m		47515
LKD2	0.92	165.0	P	21:19:14.820	0.0									m		47514
LKD2	0.92	165.0	AMl	21:19:32.038								0.9	0.42	a Ml	2.7	21929
THL	1.28	0.0	P	21:19:20.940	0.0									m		47517
THL	1.28	94.0	S	21:19:40.081	-0.1									m		47516

DATA_TYPE COMMENT GSE2.1
Event 3869

Official Magnitude:
Ml 2.70

Error ellipse:

	Azim	Dip	Mag
Max:	251	79	0.9700
Intermediate:	59	10	0.2600
Min:	149	2	0.1200

BEGIN GSE2.1

MSG_TYPE DATA

MSG_ID 1599228558 athena

DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3878 1.3 km from PolynAri, Epirus, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2020/08/08	06:51:49.04		0.02	39.4128	20.3323				2.8	0.2	7	4	157	0.12	0.67	m		3992

Magnitude	Err	Nsta	Author	OrigID
M1	2.0	0.0	3	3992

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
IGT	0.12	0.0	S	06:51:53.493	-0.1									m		47577
IGT	0.12	0.0	P	06:51:51.649	0.0									m		47576
IGT	0.12	0.0	AM1	06:51:54.160								7.2	0.22	a	M1	21959
KEK	0.51	307.0	S	06:52:07.211	-0.1									m		47579
KEK	0.51	307.0	P	06:51:58.287	-1.2									m		47578
SRN	0.53	332.0	S	06:52:08.602	-0.0									m		47581
SRN	0.53	332.0	P	06:52:00.241	0.0									m		47580
SRN	0.53	332.0	AM1	06:52:12.460								0.1	0.32	a	M1	21960
LKD2	0.67	157.0	S	06:52:12.660	0.0									m		47583
LKD2	0.67	157.0	P	06:52:02.524	-0.0									m		47582
LKD2	0.67	157.0	AM1	06:52:21.420								0.3	0.30	a	M1	21961

DATA_TYPE COMMENT GSE2.1

Event 3878

Official Magnitude:

M1 2.00

Error ellipse:

	Azim	Dip	Mag
Max:	68	30	0.3500
Intermediate:	239	58	0.0700
Min:	336	4	0.0300

BEGIN GSE2.1

MSG_TYPE DATA

MSG_ID 1599228558 athena

DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3882 7 km from MarnAra, Epirus, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2020/08/09	13:59:50.01		0.01	39.2202	20.3972				7.0	0.5	6	3	326	0.31	0.73	m		3996

Magnitude	Err	Nsta	Author	OrigID
M1	1.1	0.0	2	3996

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
IGT	0.31	351.0	S	14:00:01.185	0.0											47627
IGT	0.31	351.0	P	13:59:56.379	-0.0											47626
IGT	0.31	351.0	AM1	14:00:02.118								0.2	0.18	a	M1	21972
KEK	0.68	317.0	S	14:00:13.278	-0.0											47629
KEK	0.68	317.0	P	14:00:03.315	0.0											47628
SRN	0.73	336.0	S	14:00:15.567	-0.0											47631
SRN	0.73	336.0	P	14:00:04.619	0.0											47630
SRN	0.73	336.0	AM1	14:00:19.568								0.0	0.14	a	M1	21973

DATA_TYPE COMMENT GSE2.1
Event 3882

Official Magnitude:
M1 1.11

Error ellipse:

	Azim	Dip	Mag
Max:	47	87	0.4800
Intermediate:	332	0	0.0600
Min:	242	3	0.0500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228557 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3893 1.3 km from Zhur, Prizren, Kosovo

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2020/08/13	00:17:59.10		0.43	42.1542	20.6302				5.8	2.6	9	8	249	0.49	2.63	m		4007

Magnitude	Err	Nsta	Author	OrigID
M1	2.1	0.0	3	4007

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
PHP	0.49	197.0	Sg	00:18:14.799	-0.8											47775
PHP	0.49	197.0	Pg	00:18:09.103	0.6											47774
PHP	0.49	197.0	AM1	00:18:14.988								0.9	0.24	a	M1	22009
SDA	0.85	264.0	Sg	00:18:28.503	0.3											47777
SDA	0.85	264.0	Pg	00:18:15.798	0.1											47776
SDA	0.85	264.0	AM1	00:18:30.218								0.3	0.54	a	M1	22010
TIR	0.99	216.0	Sg	00:18:30.756	-2.0											47779
TIR	0.99	216.0	Pg	00:18:18.654	0.3											47778
TIR	0.99	216.0	AM1	00:18:36.618								0.1	0.40	a	M1	22011
PDG	1.05	286.0	Sg	00:18:34.574	-0.4											47781
PDG	1.05	286.0	Pg	00:18:19.057	-0.5											47780
KBN	1.53	175.0	Sn	00:18:52.982	3.4											47783

KBN	1.53	175.0	Pn	00:18:27.733	-0.2	---	m	47782
IGT	2.63	186.0	Sn	00:19:20.889	0.1	---	m	47785
IGT	2.63	186.0	Pn	00:18:49.108	3.3	---	m	47784

DATA_TYPE COMMENT GSE2.1
Event 3893

Official Magnitude:
Ml 2.06

Error ellipse:

	Azim	Dip	Mag
Max:	45	50	3.4300
Intermediate:	233	39	2.0900
Min:	140	4	0.8700

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228556 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3905 2.4 km from Ieropigi, West Macedonia, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2020/08/18	05:25:56.28		0.07	40.5802	21.1093				8.5	1.0	5	5	289	0.25	1.21	m		4021

Magnitude	Err	Nsta	Author	OrigID
Ml	1.8	0.0	3	4021

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
KBN	0.25	281.0	Sg	05:26:04.444	0.0											47991
KBN	0.25	281.0	P	05:26:00.146	-0.8											47990
KBN	0.25	281.0	AMl	05:26:06.190								1.1	0.18	a	Ml	22093
SRN	1.10	231.0	S	05:26:34.412	0.1											47993
SRN	1.10	231.0	P	05:26:17.938	-0.1											47992
SRN	1.10	231.0	AMl	05:26:38.270								0.1	0.38	a	Ml	22094
IGT	1.21	210.0	Sg	05:26:37.035	-0.1											47995
IGT	1.21	210.0	Pg	05:26:19.695	0.1											47994
IGT	1.21	210.0	AMl	05:26:40.540								0.0	0.70	a	Ml	22095

DATA_TYPE COMMENT GSE2.1
Event 3905

Official Magnitude:
Ml 1.77

Error ellipse:

	Azim	Dip	Mag
Max:	307	66	1.0800
Intermediate:	54	7	0.5600
Min:	147	23	0.2600

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228556 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3909 1.6 km from Gornji Štoj, Ulcinj, Montenegro

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2020/08/19	07:37:00.65		0.59	41.8735	19.3512				4.2	3.7	12	10	115	0.21	2.05	m		4026

Magnitude	Err	Nsta	Author	OrigID
M1	3.5	0.0	3	4026

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
SDA	0.21	31.0	Sg	07:37:08.931	0.4									m		48062	
SDA	0.21	31.0	Pg	07:37:05.023	-0.1									m		48061	
SDA	0.21	31.0	AM1	07:37:09.730								50.8	0.16	a	M1	3.6	22116
PDG	0.56	354.0	Sg	07:37:20.709	0.4									m		48064	
PDG	0.56	354.0	P	07:37:11.298	-0.6									m		48063	
TIR	0.66	0.0	P	07:37:12.809	0.0									m		48074	
TIR	0.65	143.0	Sg	07:37:23.849	0.5									m		48065	
TIR	0.65	143.0	AM1	07:37:25.760								5.2	0.38	a	M1	3.2	22117
PHP	0.84	102.0	Sg	07:37:28.640	-0.4									m		48067	
PHP	0.84	102.0	Pg	07:37:15.490	-1.4									m		48066	
PHP	0.84	102.0	AM1	07:37:30.290								7.7	0.34	a	M1	3.5	22118
KBN	1.65	138.0	Sg	07:37:56.903	1.8									m		48069	
KBN	1.65	138.0	P	07:37:32.721	0.9									m		48068	
NOCI	2.03	239.0	S	07:38:07.851	0.4									m		48071	
NOCI	2.03	239.0	Pn	07:37:38.290	-0.5									m		48070	
SRN	2.05	165.0	Sg	07:38:07.956	-0.6									m		48073	
SRN	2.05	165.0	Pg	07:37:36.373	-3.1									m		48072	

DATA_TYPE COMMENT GSE2.1
Event 3909

Official Magnitude:
M1 3.53

Error ellipse:

	Azim	Dip	Mag
Max:	45	78	3.7600
Intermediate:	265	8	1.1900
Min:	174	8	0.8800

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228555 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3920 2.2 km from Sývota, Epirus, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2020/08/23	01:24:26.89		0.55	39.4178	20.2703				2.0	4.6	8	35	155	0.13	0.70	m		4037

Magnitude Err Nsta Author OrigID
Ml 1.8 0.0 3 4037

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
IGT	0.12	22.0	Sg	01:24:30.974	-0.6									m		48184
IGT	0.12	22.0	Pg	01:24:29.281	-0.3									m		48183
IGT	0.12	22.0	AMl	01:24:31.618								7.3	0.22	a	Ml 2.6	22179
KEK	0.47	309.0	Sg	01:24:43.476	-0.4									m		48186
KEK	0.47	309.0	Pg	01:24:35.823	-0.8									m		48185
SRN	0.51	336.0	Sg	01:24:46.208	0.5									m		48188
SRN	0.51	336.0	Pg	01:24:37.070	-0.6									m		48187
SRN	0.51	336.0	AMl	01:24:47.598								0.0	0.32	a	Ml 0.7	22180
LKD2	0.70	154.0	Sg	01:24:52.071	0.7									m		48190
LKD2	0.70	154.0	Pg	01:24:39.440	-1.5									m		48189
LKD2	0.70	154.0	AMl	01:24:59.128								0.2	0.26	a	Ml 1.8	22181

DATA_TYPE COMMENT GSE2.1
Event 3920

Official Magnitude:
Ml 1.75

Error ellipse:

	Azim	Dip	Mag
Max:	58	57	5.4300
Intermediate:	253	31	1.3300
Min:	159	7	0.9700

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228554 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3923 1.0 km from Pesok, Gostivar, North Macedonia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2020/08/26	22:20:40.21		0.01	41.8397	20.5802				5.3	0.2	4	6	230	0.19	1.22	m		4040

Magnitude Err Nsta Author OrigID
Ml 1.8 0.0 2 4040

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
PHP	0.19	215.0	S	22:20:48.277	1.6									m		48216
PHP	0.19	215.0	P	22:20:43.898	0.0									m		48215
PHP	0.19	215.0	AMl	22:20:49.948								1.3	0.12	a	Ml 2.0	22188
SDA	0.83	0.0	P	22:20:57.034	0.0									m		48222
SDA	0.84	285.0	S	22:21:08.845	-0.0									m		48217
SDA	0.84	285.0	AMl	22:21:14.888								0.1	0.36	a	Ml 1.6	22189
PDG	1.14	302.0	S	22:21:21.166	2.0									m		48219
PDG	1.14	302.0	P	22:21:02.489	0.0									m		48218
KBN	1.22	172.0	S	22:21:21.337	0.3									m		48221
KBN	1.22	172.0	P	22:21:03.543	-0.0									m		48220

DATA_TYPE COMMENT GSE2.1

Event 3923

Official Magnitude:

Ml 1.80

Error ellipse:

	Azim	Dip	Mag
Max:	81	83	0.2000
Intermediate:	233	5	0.0500
Min:	323	3	0.0200

BEGIN GSE2.1

MSG_TYPE DATA

MSG_ID 1599228554 athena

DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3928 0.9 km from Giromani, Epirus, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2020/08/29	00:18:29.02		1.10	39.6342	20.3188				25.0	1.9	20	36	121	0.10	4.06	m		4045

Magnitude	Err	Nsta	Author	OrigID
Ml	4.6	0.0	6	4045

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
IGT	0.10	175.0	Sg	00:18:34.780	-2.0									m		48259
IGT	0.10	175.0	Pg	00:18:32.639	-0.8									mc		48258
IGT	0.10	175.0	AMl	00:18:36.318								2636.1	0.30	a	Ml	5.4
SRN	0.35	316.0	Sg	00:18:43.192	0.1									m		48261
SRN	0.35	316.0	Pg	00:18:36.132	-1.0									md		48260
SRN	0.35	316.0	AMl	00:18:44.058								95.8	0.82	a	Ml	4.1
LKD2	0.88	162.0	Sg	00:19:03.455	4.7									m		48263
LKD2	0.88	162.0	Pg	00:18:46.345	0.4									md		48262
VLO	1.05	324.0	P	00:18:50.380	2.3									m		48264
KBN	1.05	19.0	Sg	00:19:04.567	1.5									m		48266
KBN	1.05	19.0	Pg	00:18:48.108	-0.4									m		48265
THL	1.31	92.0	Sn	00:19:12.103	0.2									m		48268
THL	1.31	92.0	Pn	00:18:53.182	-0.4									m		48267
TIR	1.75	349.0	Sn	00:19:29.287	4.8									m		48270
TIR	1.75	349.0	Pn	00:19:01.086	0.4									m		48269
TIR	1.75	349.0	AMl	00:19:42.168								14.8	1.08	a	Ml	4.5
PHP	2.05	2.0	Sn	00:19:38.794	7.0									m		48272
PHP	2.05	2.0	Pn	00:19:05.421	0.5									m		48271
PHP	2.05	2.0	AMl	00:19:45.678								20.8	0.80	a	Ml	4.8
THE	2.26	62.0	Sn	00:19:36.590	-1.1									m		48274
THE	2.26	62.0	Pn	00:19:07.447	-0.8									m		48273
THE	2.26	62.0	AMl	00:19:43.548								4.3	0.72	a	Ml	4.3
SDA	2.49	346.0	Sn	00:19:53.406	9.7									m		48276
SDA	2.49	346.0	Pn	00:19:10.799	-0.9									m		48275
SDA	2.49	346.0	AMl	00:20:06.668								8.7	1.34	a	Ml	4.7
NOCI	2.75	296.0	Pn	00:19:14.300	-1.2									m		48277
ITM	2.76	152.0	Sn	00:19:51.902	1.4									m		48279
ITM	2.76	152.0	Pn	00:19:15.655	0.1									m		48278
PDG	2.90	345.0	Pn	00:19:16.519	-1.3									m		48280

SGRT 4.06 303.0 Pn 00:19:31.952 -2.8 m 48281

DATA_TYPE COMMENT GSE2.1
Event 3928

Official Magnitude:
Ml 4.58

Error ellipse:

	Azim	Dip	Mag
Max:	238	42	2.7500
Intermediate:	54	47	1.9200
Min:	146	2	1.6300

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1599228553 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3933 0.1 km from Kerasoch³ri, Epirus, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2020/08/29	16:12:34.92		0.53	39.6783	20.3052				2.0	2.7	8	4	211	0.14	0.93	m		4050

Magnitude	Err	Nsta	Author	OrigID
Ml	1.3	0.0	2	4050

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
IGT	0.15	172.0	Sg	16:12:40.267	-0.3									m		48336	
IGT	0.15	172.0	Pg	16:12:37.435	-0.7									m		48335	
SRN	0.31	311.0	Sg	16:12:47.537	0.4									m		48338	
SRN	0.31	311.0	Pg	16:12:41.199	-0.7									m		48337	
SRN	0.31	311.0	AMl	16:12:50.180								0.1	0.24	a	Ml	1.0	22235
KEK	0.39	276.0	Sg	16:12:49.615	0.3									m		48340	
KEK	0.39	276.0	Pg	16:12:41.855	-1.3									m		48339	
LKD2	0.93	162.0	Sg	16:13:07.399	0.2									m		48342	
LKD2	0.93	162.0	Pg	16:12:54.372	1.0									m		48341	
LKD2	0.93	162.0	AMl	16:13:09.740								0.1	0.46	a	Ml	1.6	22236

DATA_TYPE COMMENT GSE2.1
Event 3933

Official Magnitude:
Ml 1.29

Error ellipse:

	Azim	Dip	Mag
Max:	54	1	2.9800
Intermediate:	150	77	2.7700
Min:	324	13	0.7600

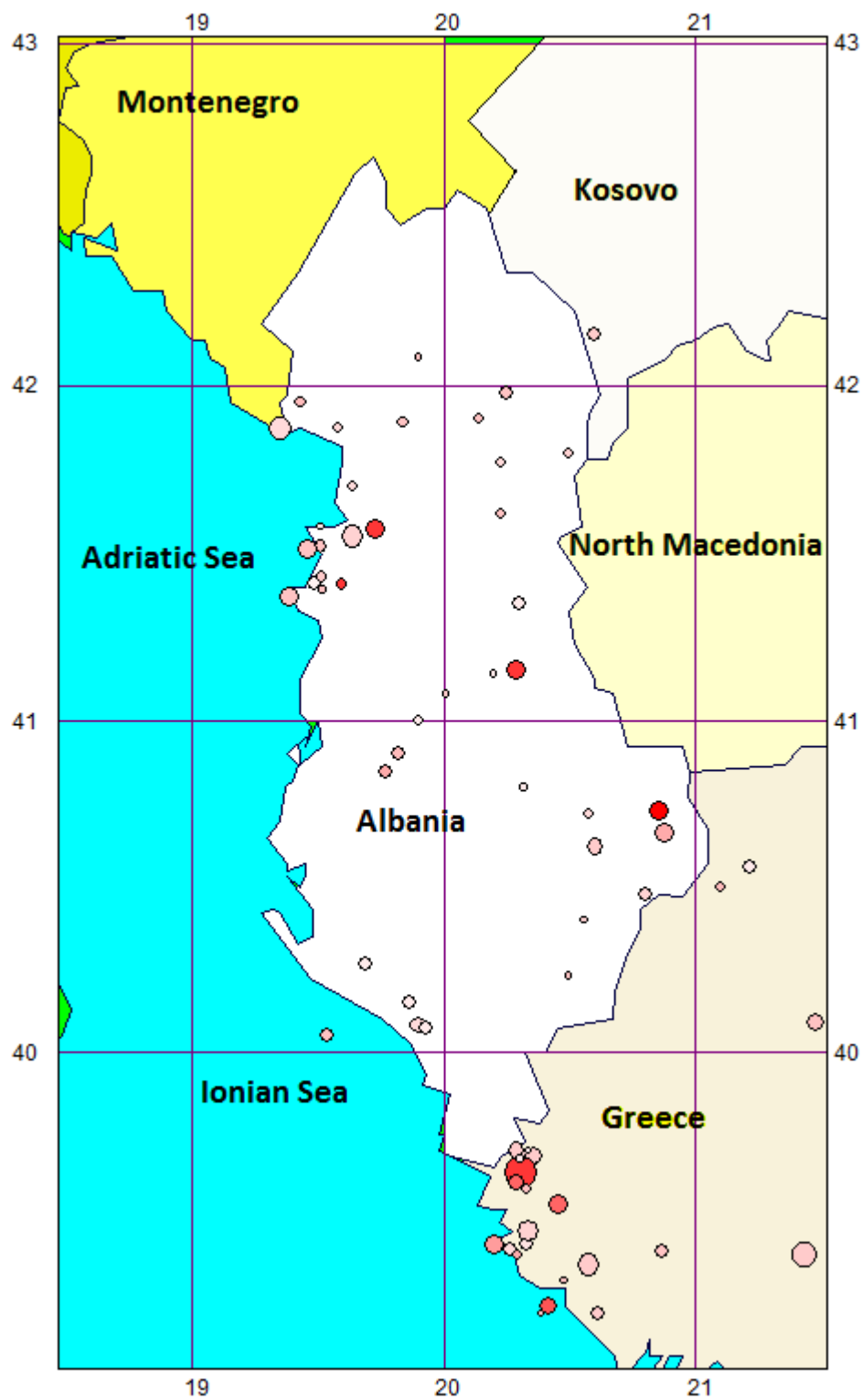
Katalogu i termeteve (Catalog of earthquakes)

Date		Origin time				Lat	Long	Depth	Mag
2020	8	1	5	45	12	39.389	21.432	26.4	3.7
2020	8	1	11	47	15	41.392	19.528	7.2	1.5
2020	8	1	12	13	12	39.353	20.584	15.7	3.4
2020	8	1	14	10	7	40.082	19.95	3.6	2.5
2020	8	1	16	30	53	39.306	20.488	6.9	1.5
2020	8	2	23	25	49	39.678	20.341	24.7	3
2020	8	3	0	12	39	39.623	20.292	15.9	2
2020	8	3	1	22	51	39.653	20.329	17.9	2.1
2020	8	5	8	0	1	41.415	19.491	20.8	2.1
2020	8	5	14	32	22	39.393	20.876	7	2
2020	8	5	21	1	31	41.435	19.527	5.9	1.8
2020	8	5	21	18	56	39.686	20.367	5.8	2.7
2020	8	6	7	13	20	39.205	20.613	6	2.2
2020	8	6	21	31	4	41.525	19.518	26.8	2
2020	8	6	23	25	28	40.48	20.563	4.9	1.5

2020	8	7	4	37	16	40.239	20.55	6.9	1.2
2020	8	7	10	42	20	41.3	19.94	2	1.7
2020	8	8	6	51	49	39.413	20.332	2.8	2
2020	8	8	22	21	3	41.089	20.013	6.5	1.4
2020	8	9	13	59	50	39.22	20.397	7	1.1
2020	8	9	18	41	0	41.875	19.586	4.1	1.8
2020	8	10	7	11	54	41.981	20.256	7	2.3
2020	8	10	17	49	49	41.905	20.147	7.1	1.7
2020	8	11	20	6	46	40.662	20.889	19.9	2.9
2020	8	13	0	17	59	42.154	20.63	5.8	2.1
2020	8	13	16	27	59	39.401	20.266	3.7	2
2020	8	14	5	12	34	41.578	19.732	25	2.9
2020	8	14	15	46	8	40.091	21.481	7	2.5
2020	8	14	18	24	59	41.156	20.292	25	3
2020	8	15	14	13	56	41.899	19.848	7	1.9
2020	8	17	1	2	47	41.519	19.465	76.8	3.1
2020	8	17	1	2	47	41.374	19.397	26.6	2.9
2020	8	17	2	50	19	40.278	19.694	32.5	2
2020	8	18	3	40	39	40.561	21.222	2	2.3

2020	8	18	5	25	56	40.58	21.109	8.5	1.8
2020	8	19	3	5	24	41.411	19.62	25	1.9
2020	8	19	6	51	10	41.355	20.36	2	2.3
2020	8	19	7	37	0	41.874	19.351	4.2	3.5
2020	8	19	23	32	26	42.089	19.94	7	1.1
2020	8	21	0	39	41	41.953	19.433	18.2	1.6
2020	8	21	3	33	14	40.623	20.601	46.4	2.5
2020	8	22	3	35	2	41.73	19.647	23.6	1.7
2020	8	22	9	42	23	41.774	20.237	24.5	1.8
2020	8	22	10	25	41	41.554	19.645	35.4	3.5
2020	8	22	21	40	50	41.141	20.29	2	1.5
2020	8	23	1	24	26	39.418	20.27	2	1.8
2020	8	23	2	47	28	41.581	19.515	2	1.4
2020	8	26	9	4	9	39.702	20.291	16.3	2.4
2020	8	26	22	20	40	41.84	20.58	5.3	1.8
2020	8	27	4	15	7	40.802	20.322	2.3	1.4
2020	8	27	4	28	2	41.628	20.232	7	1.7
2020	8	27	8	14	42	39.457	20.341	25.4	3.4
2020	8	27	13	20	11	40.738	20.865	10.3	3.2

2020	8	29	0	18	29	39.634	20.319	25	4.6
2020	8	29	6	11	21	39.584	20.333	26.8	1.7
2020	8	29	9	35	34	40.858	19.771	19.5	2.2
2020	8	29	13	10	3	40.909	19.829	7.6	2.3
2020	8	29	16	12	34	39.678	20.305	2	1.3
2020	8	29	16	37	38	39.704	20.344	2.2	1.3
2020	8	29	17	24	14	39.677	20.307	2	1.4
2020	8	30	21	11	46	40.057	19.542	17.4	2.2
2020	8	31	11	55	34	40.154	19.872	2	2.1
2020	8	31	11	56	45	40.074	19.932	2.3	2.3
2020	8	31	15	59	18	40.482	20.801	15.4	2.2
2020	8	31	21	28	7	40.727	20.584	13.7	1.8



-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 Gusht 2020, bazuar në regjistrimet e ASN dhe stacioneve sizmologjike në rajon.
(*Epicentral map for located seismicity within Albania and surrounding during August 2020*)

1. Statistika e ngjarjeve (Events Statistics)

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

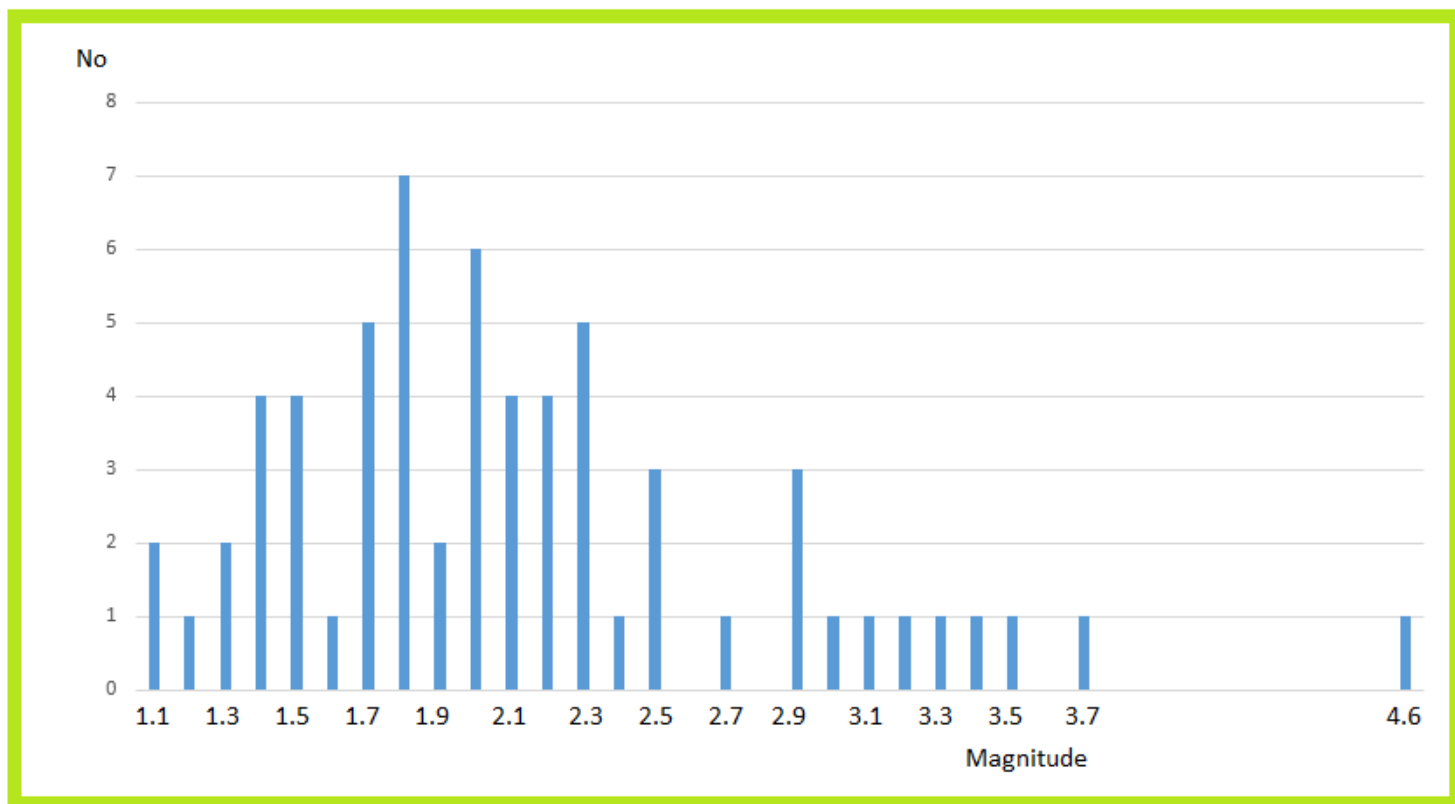
Të dhënat përfaqësuese	Representative Parameters	Vlerat (observed values)
Numuri i përgjithshëm i ngjarjeve të regjistruara (kuandrat 39°-43° V; 18.5°-21.5° L)	[total recorded number of seismic events]	69
Numuri i ngjarjeve sizmike brenda kufirit shtetëror	[earthquakes occurred within state border]	46
Thellësia mesatare e vrojtuar (km)	[mean observed depth]	14
Thellësia maksimale e vrojtuar (km)	[maximum observed depth]	77
Magnituda lokale minimale e vrojtuar (M_L/d)	[minimum observed local magnitude]	1.1
Magnituda lokale maksimale e vrojtuar (M_L/d)	[maximum observed local magnitude]	4.6
Intensiteti maksimal i vrojtuar (MSK-64)	[maximum observed intensity]	V

2. Karakteristikat kryesore të sizmitetit për muajin Gusht 2020

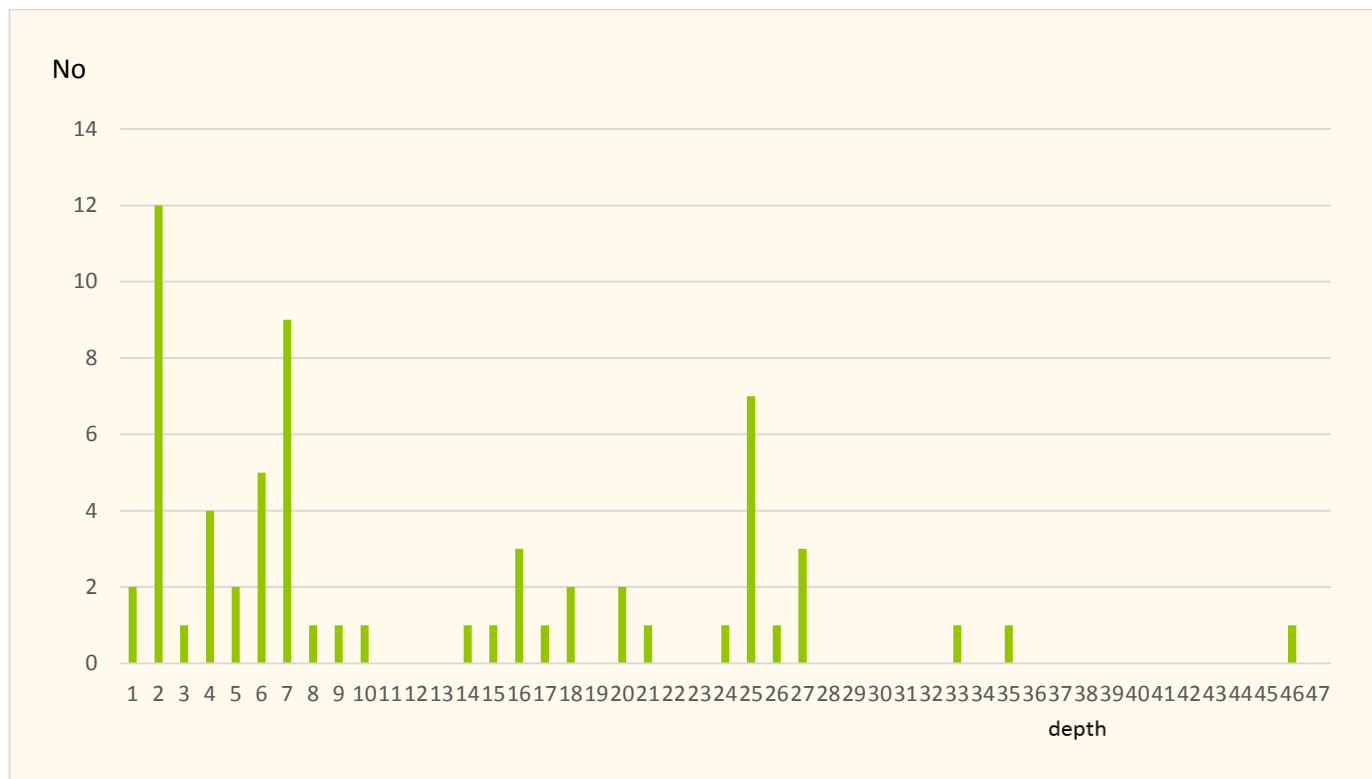
Rrjeti Sizmologjik i Shqipërisë, regjistroi për vendin tone gjat muajit Gusht një sizmitet të nivelit shumë të ulët. Aktiviteti sizmik gjate këtij muaji u regjistrua kryesisht në jug të Shqipërisë në Greqi në zonën kufitare të shprehur me termetin me $M_L 4.6$ me epiqendër 8 km në JL të Konispolit. Në këtë muaj janë lokalizuar 69 tërmete me magnitudë që variojnë nga 1.1 në 4.6 (Richter), 1 prej tyre me magnitudën më të madhe në vlerën $M_L = 4.6$ (Richter) dhe 12 prej tyre janë me $M_L \geq 3.0$ Richter (Fig 2). Frekuenca më e madhe është në nivelin e magnitudës $1.6 \leq M < 2.5$ (Fig 3). Numuri mesatar i tërmeteve në ditë është mesatarisht 2, numuri maksimal 5 i regjistruar më datën 29 Gusht në zonën e kufirit me Greqinë. Shumica e tërmeteve lokale janë shpërndarë në thellësi midis 0 dhe 25 km, me thellësi mesatare 14 km dhe thellësi maksimale 77 km.

2. Main features of seismicity during August 2020

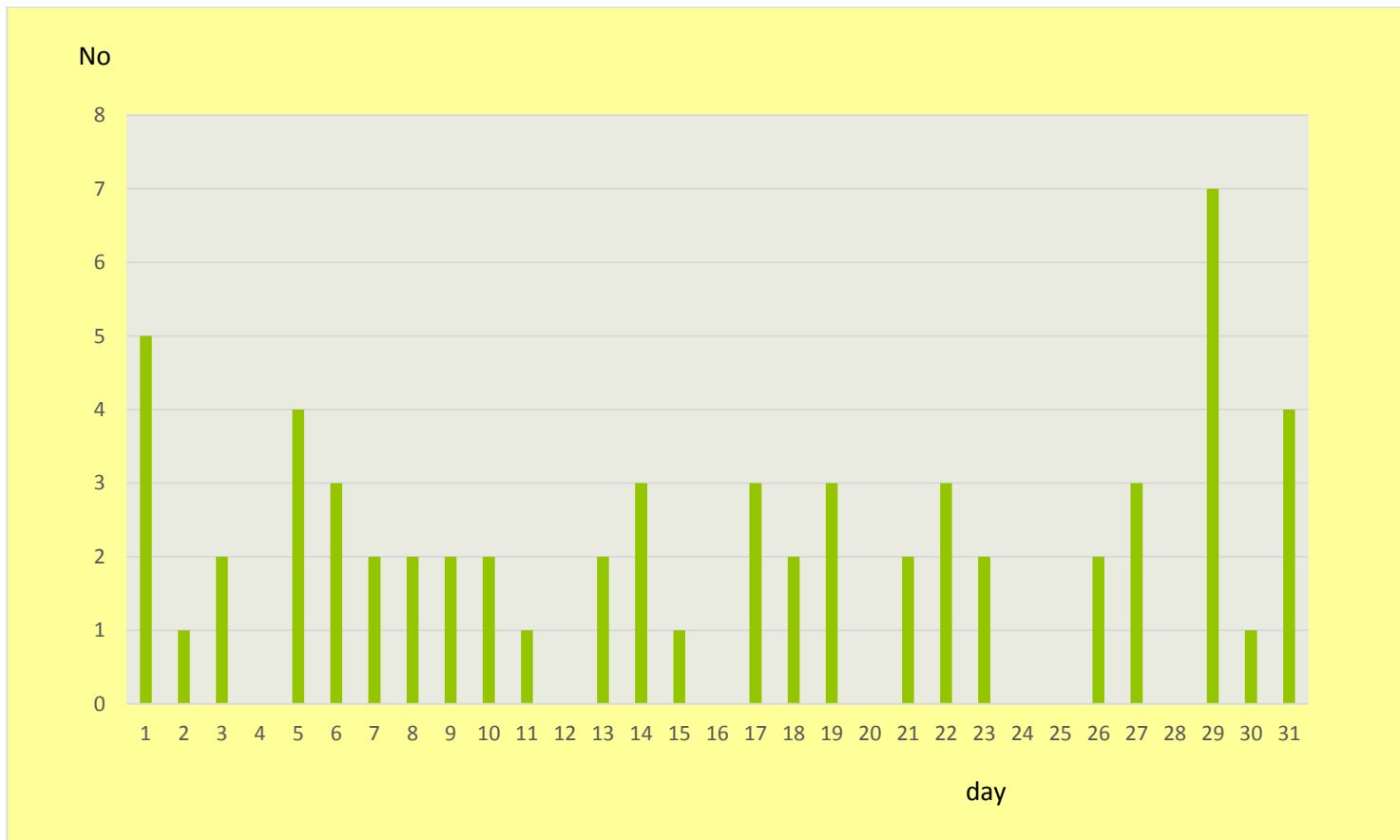
The Albanian Seismological Network recorded a low level seismicity for our country during August month. The largest increase of seismic activity was recorded in the south of Albania in border to Greece, expressed by the magnitude $M_L = 4.6$ Richter. During this month were located 69 earthquakes of magnitude ranging from 1.1 to 4.6 (Richter), 1 of them with magnitude $M_L = 4.6$ (Richter) and 12 others with magnitude $M_L \geq 3.0$ (Richter) (Fig 2). Highest frequency is in the magnitude level $1.6 \leq M_L < 2.5$ (Fig 3). The average number of earthquakes per day was 2, and maximum was 5 recorded during 9 August, in Greece border area. Most of earthquakes are distributed in depths between 0 and 25 km, with an average depth of 14 km and a maximum depth of 77 km.



-Fig. 3 -
Grafiku i numurit të ngjarjeve për nivelin e magnitudave



-Fig. 4 -
Grafiku i frekuencës së ngjarjeve në lidhje me thellësin.



-Fig. 5 -
Grafiku i shpërndarjes së numurit të ngjarjeve për ditë

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

Ngjarja 1:

Datë 29.08.2020, në orën 00:18:29.10 (UTC); (01:18:29.10 ora lokale); lokalizuar 39.63V; 20.31L, ne ne zonen e Greqise 8 km SE of Konispoli. Intensiteti i tërmetit në epiqendër I_0 = VI ballë (EMS-98); Ndjerë: IV ballë në qytetin e Sarandess , III-IV ballë ne qytetin e Leskovikut.

(Event 1):

(Intensity I_0 = V degree EMS-98, felt IV degree in town of Saranda and III—IV in City of Leskoviku.

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PERMBAJTJA / CONTENTS

Në gjuhën shqipe	In English language	F/P
• Hyrje	• Briefing	3
• Stacionet Sizmikë	• Seismic Stations	3
• Informacioni gjithpërfshirës i kreut të ngjarjes	• Event header information	6
• Informacioni parametrik i ngjarjes	• Event parametrik data	8
• Tërmetet Lokalë	• Parametric Data for Albanian local Events	9
• Tërmetet Rajonalë	• Parametric Data for Regional Events recorded by ASN	58
• Katalogu i termeteve	• Catalog of earthquakes	69
• Statistika e ngjarjeve	• Events Statistics	72
• Karakteristikat kryesore të sizmicitetit	• Main features of seismicity during July	73

për muajin korrik 2019	month 2019	
• Përshkrim i të dhënave makrosizmike	• Macro-seismic data description for individual events	76
• Referenca	• References	77



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“Buletin Mujor Sizmologjik”
Departamenti i Sizmologjisë
IGJEUM-UPT.
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