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BULETINI MUJOR I SIZMOLOGJISË



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H Y R J E

Buletini sizmologjik përmban ngjarjet sizmike (tërmetet), e regjistruar, lokalizuar dhe analizuar gjatë periudhës kohore një-mujore. Përpos pasqyrimit kronologjik të aktivitetit sizmik të regjistruar, në territorin Shqipëtar dhe rreth tij, me anë të stacioneve të rrjetit sizmologjik shqipëtar, por edhe të rrjeteve fqinjë, periodiku përmban një analizë të gjithanëshme të parametrave të vlerësuar në drejtim të cilësisë së vlerësimit të tyre dhe statistikës së aktivitetit sizmik në vend. Përmbajtja e buletinit konsiston në terminologjinë përkatëse, në karakteristikat e stacioneve sizmologjik, të dhënat parametrike të vlerësuara nga analiza e çdo tërmeti, në analizën e cilësisë së vlerësimit të këtyre parametrave, në analizën e ngjarjeve të veçanta ($M > 4.0$), nëse ka të tilla, si dhe në përpilimin e katalogut mujor dhe paraqitjen grafike në hartë, të epiqendrave të tërmeteve të lokalizuar. 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 përfuara 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

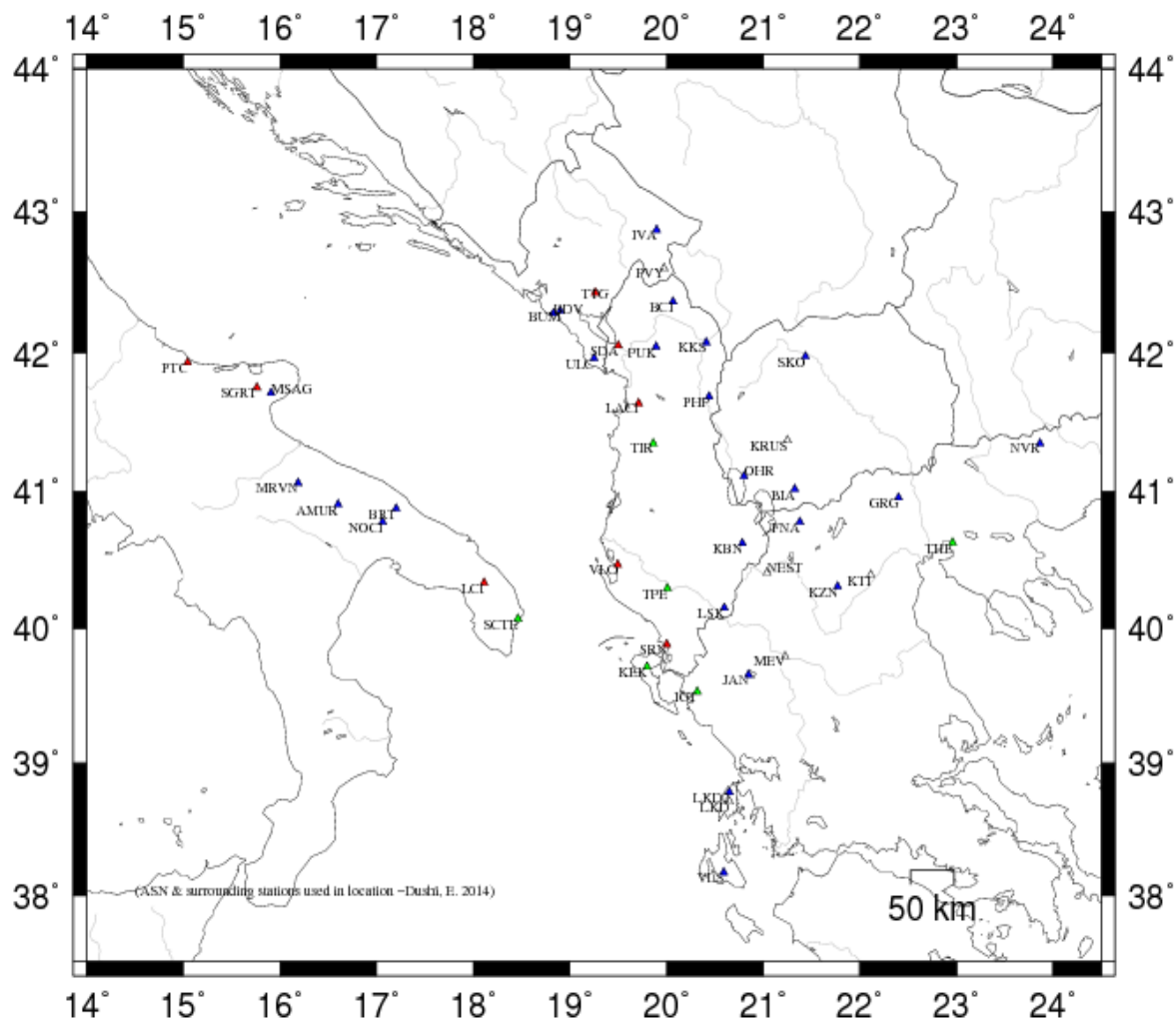
Tab. 3 – Rrjeti Sizmologjik Ndihmës (MSO, SKO, AUTH, NAO, INGV)

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-3EPS/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-3EPS/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-udhëtimit, 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-karaktere (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	Shënimi për stacionin [<i>station remark</i>]
DIST	Distanca epiqendrore [<i>epicentral distance</i>]
AZM	Azimuti stacion-hypoqendër [<i>station azimuth in degree</i>]
AN	Këndi i daljes së rezeve valore në sferën vatrore [<i>emergence angle at the hypocenter</i>]
P/S	Kodi i fazave të përcaktuara nga leximi në formën valore [<i>phase code</i>]
WT	Pesha e vlerësimit të fazave [<i>weighted code</i>].
SEC	Koha e vërtetuar për hyrjet valore [<i>observed arrival time</i>]
TOBS	Koha e vërtetuar 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-vërtetim. [<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)

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054775 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3941 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/02	12:34:59.04		0.01	39.6883	20.3250				4.2	0.0	5	5	215	0.15	0.93	m	
4058																	

Magnitude	Err	Nsta	Author	OrigID
M1	1.9	0.0	3	4058

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
IGT	0.16	178.0	S	12:35:05.099	-0.0					___				m		48419
IGT	0.16	178.0	P	12:35:02.519	0.0					___				m		48418
IGT	0.16	178.0	AM1	12:35:06.310						___		6.5	0.18	a	M1	2.6
SRN	0.31	308.0	P	12:35:05.935	0.0					___				m		48421
SRN	0.31	308.0	S	12:35:12.446	1.3					___				m		48420
SRN	0.31	308.0	AM1	12:35:14.950						___		0.1	0.14	a	M1	1.1
KEK	0.41	274.0	S	12:35:13.839	0.2					___				m		48423
KEK	0.41	274.0	P	12:35:07.363	0.0					___				m		48422
LKD2	0.93	163.0	P	12:35:17.406	0.0					___				m		48425
LKD2	0.93	163.0	S	12:35:33.669	2.5					___				m		48424
LKD2	0.93	163.0	AM1	12:35:34.380						___		0.2	0.26	a	M1	1.9

DATA_TYPE COMMENT GSE2.1
Event 3941

Official Magnitude:
M1 1.94

Error ellipse:

	Azim	Dip	Mag
Max:	222	31	0.0900
Intermediate:	81	50	0.0500
Min:	325	20	0.0200

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1602054775 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3946 2.5 km from Mazha e Madhe, Durrës, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/03	23:00:39.10		0.10	41.4778	19.6047				37.4	0.4	6	36	223	0.23	0.98	m	

OrigID 4063

Magnitude	Err	Nsta	Author	OrigID
M1	1.6	0.0	3	4063

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.00	0.0	Pg	23:00:46.734	0.0											48507
TIR	0.23	123.0	Sg	23:00:51.942	0.0											48500
TIR	0.23	123.0	AM1	23:00:51.228								0.4	0.22	a	M1	1.8
TIR	0.23	123.0	AM1	23:00:51.548								0.2	0.22	a	M1	1.6
SDA	0.58	352.0	Sg	23:01:00.368	0.0											48502
SDA	0.58	352.0	Pg	23:00:51.151	-0.1											48501
SDA	0.58	352.0	AM1	23:01:03.108								0.1	0.24	a	M1	1.4
SDA	0.58	352.0	AM1	23:01:03.638								0.1	0.24	a	M1	1.4
PHP	0.66	71.0	Sg	23:01:02.155	-0.0											48504
PHP	0.66	71.0	Pg	23:00:53.494	1.2											48503
PHP	0.66	71.0	AM1	23:01:07.928								0.1	0.38	a	M1	1.6
PDG	0.98	346.0	Sg	23:01:12.763	0.6											48506
PDG	0.98	346.0	Pg	23:00:57.997	0.0											48505

DATA_TYPE COMMENT GSE2.1
 Event 3946

Official Magnitude:
 M1 1.56

Error ellipse:

	Azim	Dip	Mag
Max:	194	46	0.6000
Intermediate:	63	32	0.5400
Min:	315	26	0.2400

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1602054775 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3947 2.4 km from Dardhë, Korçë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/04	01:16:08.73		0.46	40.5013	20.8090				4.6	1.5	14	38	163	0.13	2.67	m	
4064																	

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.0	5	4064

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
KBN	0.12	353.0	Sg	01:16:13.482	0.7									m		48509
KBN	0.12	353.0	Pg	01:16:11.665	0.6									m		48508
KBN	0.12	353.0	AM1	01:16:14.798								15.9	0.18	a	M1	2.9
SRN	0.88	226.0	Sg	01:16:39.563	0.1									m		48511
SRN	0.88	226.0	Pg	01:16:26.101	-0.2									m		48510
VLO	1.00	269.0	Pg	01:16:29.876	2.2									m		48512
VLO	1.00	269.0	AM1	01:16:52.488								1.9	0.38	a	M1	3.1
IGT	1.04	201.0	Sg	01:16:45.530	1.3									m		48514
IGT	1.04	201.0	Pg	01:16:28.861	-0.1									m		48513
IGT	1.04	201.0	AM1	01:16:51.528								0.4	0.40	a	M1	2.4
KEK	1.11	225.0	S	01:16:46.325	-0.2									m		48516
KEK	1.11	225.0	Pn	01:16:28.578	-1.8									m		48515
TIR	1.11	321.0	Sn	01:16:46.838	0.3									m		48518
TIR	1.11	321.0	Pn	01:16:30.388	0.0									m		48517
TIR	1.11	321.0	AM1	01:16:55.778								0.2	0.70	a	M1	2.2
PHP	1.21	347.0	Pg	01:16:31.242	-0.9									m		48519
LKD2	1.71	184.0	Pn	01:16:41.861	0.5									m		48520
SDA	1.84	328.0	Sn	01:17:09.797	0.2									m		48522
SDA	1.84	328.0	Pn	01:16:43.026	-0.5									m		48521
SDA	1.84	328.0	AM1	01:17:16.238								0.1	0.32	a	M1	2.3
KLIV	2.67	156.0	Sn	01:17:33.384	1.7									m		48524
KLIV	2.67	156.0	Pn	01:16:55.669	-0.5									m		48523

DATA_TYPE COMMENT GSE2.1
Event 3947

Official Magnitude:
ML 2.37

Error ellipse:

	Azim	Dip	Mag
Max:	80	48	1.9500
Intermediate:	284	38	1.1800
Min:	184	12	0.5500

BEGIN GSE2.1

MSG_TYPE DATA
MSG_ID 1602054775 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3948 3.0 km from Vozjan, Elbasan, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/04	04:05:13.50		0.09	41.0325	20.2435				7.0	7.2	7	38	184	0.42	1.16	m	
4065																	

Magnitude	Err	Nsta	Author	OrigID
Ml	1.1	0.0	3	4065

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.43	318.0	Sg	04:05:29.127	0.8					---				m		48526
TIR	0.43	318.0	Pg	04:05:22.230	0.3					---				m		48525
TIR	0.43	318.0	AMl	04:05:33.680						---		0.1	0.38	a	Ml	1.0
KBN	0.58	134.0	Sg	04:05:32.743	0.0					---				m		48528
KBN	0.58	134.0	Pg	04:05:24.509	0.0					---				m		48527
KBN	0.58	134.0	AMl	04:05:36.090						---		0.4	0.60	a	Ml	2.0
PHP	0.67	12.0	Sg	04:05:36.064	0.1					---				m		48530
PHP	0.67	12.0	Pg	04:05:26.182	-0.2					---				m		48529
PHP	0.67	12.0	AMl	04:05:43.300						---		0.0	0.32	a	Ml	1.1
SDA	1.16	332.0	Sn	04:05:52.953	0.0					---				m		48532
SDA	1.16	332.0	Pn	04:05:35.991	-0.1					---				m		48531

DATA_TYPE COMMENT GSE2.1
Event 3948

Official Magnitude:
Ml 1.10

Error ellipse:

	Azim	Dip	Mag
Max:	78	88	7.2200
Intermediate:	240	1	0.4700
Min:	330	1	0.1500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054775 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3949 Region N/A

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

2020/09/04 09:55:05.18 0.25 41.4488 19.6657 16.4 2.1 6 10 221 0.18 1.03 m
4066

Magnitude Err Nsta Author OrigID
Md 2.7 0.0 3 4066
Ml 2.1 0.0 2 4066

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.18	123.0	S	09:55:12.724	-0.1					---				m		48534
TIR	0.18	123.0	P	09:55:10.294	0.7					---				m		48533
TIR	0.18	123.0	AMd	09:55:34.995						---		0.0	24.70	a	Md	2.0
TIR	0.18	123.0	AMl	09:55:13.950						---		1.5	0.22	a	Ml	2.1
SDA	0.61	349.0	S	09:55:26.450	-0.0					---				m		48536
SDA	0.61	349.0	P	09:55:15.452	-1.9					---				m		48535
SDA	0.61	349.0	AMd	09:56:00.557						---		0.0	45.10	a	Md	2.7
PHP	0.72	0.0	P	09:55:17.421	0.0					---				m		48540
PHP	0.63	67.0	S	09:55:26.383	-0.0					---				m		48537
PHP	0.63	67.0	AMl	09:55:30.940						---		0.4	0.46	a	Ml	2.1
PDG	1.03	344.0	S	09:55:39.786	0.2					---				m		48539
PDG	1.03	344.0	P	09:55:24.486	-0.3					---				m		48538
PDG	1.03	344.0	AMd	09:56:12.276						---		0.0	47.79	a	Md	2.7

DATA_TYPE COMMENT GSE2.1
Event 3949

Official Magnitude:
Ml 2.09

Error ellipse:

	Azim	Dip	Mag
Max:	167	67	2.2900
Intermediate:	53	10	1.2700
Min:	319	21	0.4800

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054775 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3950 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/04	16:46:06.05		0.20	39.9120	19.8670				2.0	1.0	8	37	138	0.11	1.69	m	
4067																	

Magnitude Err Nsta Author OrigID
Ml 2.1 0.0 3 4067

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
SRN	0.11	107.0	S	16:46:11.259	0.5					---				m		48542
SRN	0.11	107.0	P	16:46:08.538	-0.2					---				m		48541
SRN	0.11	107.0	AM1	16:46:12.740						---		2.4	0.38	a	M1	2.1
KEK	0.21	196.0	S	16:46:15.869	2.0					---				m		48544
KEK	0.21	196.0	P	16:46:10.239	-0.3					---				m		48543
IGT	0.52	136.0	S	16:46:26.276	1.6					---				m		48546
IGT	0.52	136.0	P	16:46:16.710	-0.0					---				m		48545
IGT	0.52	136.0	AM1	16:46:33.700						---		0.2	0.42	a	M1	1.7
VLO	0.62	334.0	S	16:46:26.749	-0.2					---				m		48548
VLO	0.62	334.0	P	16:46:18.180	0.2					---				m		48547
VLO	0.62	334.0	AM1	16:46:26.230						---		0.6	0.24	a	M1	2.3
LKD2	1.28	151.0	P	16:46:31.940	0.8					---				m		48549
THL	1.69	101.0	S	16:47:02.638	-0.3					---				m		48551
THL	1.69	101.0	P	16:46:38.460	-0.1					---				m		48550

DATA_TYPE COMMENT GSE2.1
Event 3950

Official Magnitude:
M1 2.05

Error ellipse:

	Azim	Dip	Mag
Max:	191	69	1.0200
Intermediate:	51	15	0.5400
Min:	317	13	0.4700

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054775 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3952 1.8 km from Ujëbardhë, Korçë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/05	02:16:46.70		0.01	40.5112	20.6922				2.2	0.2	6	8	164	0.13	1.19	m	
4069																	

Magnitude	Err	Nsta	Author	OrigID
M1	1.6	0.0	4	4069

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
KBN	0.13	32.0	S	02:16:51.516	0.6					---				m		48561
KBN	0.13	32.0	P	02:16:49.139	0.0					---				m		48560
KBN	0.13	32.0	AM1	02:16:52.960						---		0.7	0.24	a	M1	1.6

SRN	0.82	221.0	S	02:17:16.026	-0.1	---	m	---	48563
SRN	0.82	221.0	P	02:17:03.499	0.0	---	m	---	48562
SRN	0.82	221.0	AM1	02:17:17.790		---	0.0	0.48 a M1 1.1	22302
IGT	1.02	196.0	S	02:17:21.925	0.0	---	m	---	48565
IGT	1.02	196.0	P	02:17:07.553	0.7	---	m	---	48564
IGT	1.02	196.0	AM1	02:17:35.790		---	0.1	1.92 a M1 1.9	22303
PHP	1.19	351.0	S	02:17:27.112	0.0	---	m	---	48567
PHP	1.19	351.0	P	02:17:09.784	0.0	---	m	---	48566
PHP	1.19	351.0	AM1	02:17:32.330		---	0.0	0.44 a M1 1.5	22304

DATA_TYPE COMMENT GSE2.1
Event 3952

Official Magnitude:
M1 1.57

Error ellipse:

	Azim	Dip	Mag
Max:	102	47	0.2500
Intermediate:	308	40	0.0600
Min:	207	13	0.0200

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054774 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3953 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/05	04:23:03.96		0.22	40.3390	19.4343				35.3	0.6	19	37	130	0.13	3.12	m	
4070																	

Magnitude	Err	Nsta	Author	OrigID
M1	2.5	0.0	6	4070

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
VLO	0.14	19.0	S	04:23:13.440	-0.0					---				m		48569
VLO	0.14	19.0	P	04:23:09.347	-0.0					---				m		48568
VLO	0.14	19.0	AM1	04:23:14.870						---		16.7	0.20	a M1	3.4	22305
SRN	0.63	136.0	S	04:23:26.579	-0.6					---				m		48571
SRN	0.63	136.0	P	04:23:17.249	0.0					---				m		48570
SRN	0.63	136.0	AM1	04:23:28.590						---		0.8	0.34	a M1	2.4	22306
KEK	0.68	155.0	S	04:23:28.307	0.2					---				m		48573
KEK	0.68	155.0	P	04:23:17.622	-0.1					---				m		48572
IGT	1.06	139.0	S	04:23:38.973	-0.3					---				m		48576
IGT	1.06	139.0	P	04:23:24.444	0.3					---				m		48575

TIR	1.07	0.0	P	04:23:25.137	0.0
TIR	1.06	17.0	S	04:23:38.158	-1.0
TIR	1.06	17.0	AM1	04:23:40.840	
KBN	1.07	74.0	S	04:23:39.027	0.3
KBN	1.07	74.0	P	04:23:23.741	-0.1
KBN	1.07	74.0	AM1	04:23:41.810	
PHP	1.55	29.0	S	04:23:52.592	0.4
PHP	1.55	29.0	P	04:23:31.353	-0.2
PHP	1.55	29.0	AM1	04:23:55.460	
SDA	1.71	1.0	S	04:23:56.795	-0.2
SDA	1.71	1.0	P	04:23:34.543	0.3
SDA	1.71	1.0	AM1	04:24:00.670	
LKD2	1.81	148.0	S	04:23:59.932	0.3
LKD2	1.81	148.0	P	04:23:35.013	-0.8
NOCI	1.86	285.0	S	04:24:00.796	-0.1
NOCI	1.86	285.0	P	04:23:37.986	1.5
PDG	2.09	357.0	S	04:24:05.416	-1.4
PDG	2.09	357.0	P	04:23:40.093	0.2
THL	2.13	110.0	P	04:23:39.856	-0.6
SGRT	3.12	299.0	P	04:23:52.619	-2.3

_____				m_____	48591
_____				m_____	48574
_____	0.3	0.36	a_____	M1	2.4
_____				m_____	48578
_____				m_____	48577
_____	0.9	0.52	a_____	M1	2.8
_____				m_____	48580
_____				m_____	48579
_____	0.2	0.40	a_____	M1	2.6
_____				m_____	48582
_____				m_____	48581
_____	0.1	0.28	a_____	M1	2.2
_____				m_____	48584
_____				m_____	48583
_____				m_____	48586
_____				m_____	48585
_____				m_____	48588
_____				m_____	48587
_____				m_____	48589
_____				m_____	48590

DATA_TYPE COMMENT GSE2.1
Event 3953

Official Magnitude:
M1 2.48

Error ellipse:

	Azim	Dip	Mag
Max:	77	2	0.7300
Intermediate:	174	72	0.5800
Min:	346	18	0.3400

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054774 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3954 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/05	10:46:34.04		0.88	39.3900	20.3543				2.0	4.2	11	37	149	0.14	1.94	m	
4071																	

Magnitude	Err	Nsta	Author	OrigID
M1	2.2	0.0	2	4071

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
IGT	0.14	353.0	Sg	10:46:39.538	0.1					___				m		48593
IGT	0.14	353.0	Pg	10:46:36.133	-1.0					___				m		48592
IGT	0.14	353.0	AMl	10:46:41.260						___		4.4	0.42	a	Ml	2.4
KEK	0.54	307.0	Sg	10:46:53.886	0.6					___				m		48595
KEK	0.54	307.0	Pg	10:46:43.630	-1.4					___				m		48594
SRN	0.56	331.0	Sg	10:46:55.947	1.3					___				m		48597
SRN	0.56	331.0	Pg	10:46:45.382	-0.5					___				m		48596
LKD2	0.64	158.0	Sg	10:47:01.524	4.7					___				m		48599
LKD2	0.64	158.0	Pg	10:46:46.911	-0.2					___				m		48598
LKD2	0.64	158.0	AMl	10:47:10.340						___		0.4	0.40	a	Ml	2.0
THL	1.30	81.0	Sg	10:47:19.698	1.1					___				m		48601
THL	1.30	81.0	Pg	10:46:58.168	-1.4					___				m		48600
KLK	1.94	133.0	Sn	10:47:39.397	0.6					___				m		48603
KLK	1.94	133.0	Pn	10:47:10.190	-0.9					___				m		48602

DATA_TYPE COMMENT GSE2.1
Event 3954

Official Magnitude:
Ml 2.21

Error ellipse:

	Azim	Dip	Mag
Max:	26	68	4.5100
Intermediate:	231	19	2.5800
Min:	138	9	1.2500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054774 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3955 2.7 km from Vurgu i Ri, Vlorë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/05	20:10:09.72		0.49	39.7812	20.0645				14.7	1.2	19	36	98	0.11	2.98	m	
4072																	

Magnitude	Err	Nsta	Author	OrigID
Ml	3.0	0.0	5	4072

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
SRN	0.11	334.0	Sg	20:10:15.185	-0.7					___				m		48605
SRN	0.11	334.0	Pg	20:10:12.770	-0.5					___				m		48604
SRN	0.11	334.0	AMl	20:10:16.565						___		10.2	0.40	a	Ml	2.9
KEK	0.22	252.0	Sg	20:10:18.256	0.0					___				m		48607

KEK	0.22	252.0	Pg	20:10:14.969	0.4
IGT	0.32	140.0	Sg	20:10:22.039	0.5
IGT	0.32	140.0	Pg	20:10:16.599	0.2
VLO	0.81	328.0	Sg	20:10:38.436	2.2
VLO	0.81	328.0	Pg	20:10:27.670	2.8
VLO	0.81	328.0	AMl	20:10:45.385	
KBN	1.01	33.0	Sg	20:10:43.412	0.6
KBN	1.01	33.0	Pg	20:10:28.388	-0.3
LKD2	1.09	154.0	Sg	20:10:46.533	0.2
LKD2	1.09	154.0	Pg	20:10:31.161	0.5
LKD2	1.09	154.0	AMl	20:11:02.785	
THL	1.52	97.0	Sg	20:10:59.611	0.0
THL	1.52	97.0	Pg	20:10:37.139	-1.1
TIR	1.57	355.0	Sg	20:11:02.383	1.2
TIR	1.57	355.0	Pg	20:10:39.861	0.7
TIR	1.57	355.0	AMl	20:11:16.055	
PHP	1.92	8.0	Sn	20:11:10.649	-0.3
PHP	1.92	8.0	Pn	20:10:45.105	0.4
PHP	1.92	8.0	AMl	20:11:24.435	
KLv	2.38	136.0	Sg	20:11:22.572	-0.7
KLv	2.38	136.0	Pg	20:10:51.302	-0.4
ITM	2.98	150.0	Pn	20:11:00.084	-0.5

---	m	---	48606
---	m	---	48609
---	m	---	48608
---	m	---	48611
---	m	---	48610
---	3.0	0.26 a Ml 3.1	22314
---	m	---	48613
---	m	---	48612
---	m	---	48615
---	m	---	48614
---	1.5	0.54 a Ml 3.0	22315
---	m	---	48617
---	m	---	48616
---	m	---	48619
---	m	---	48618
---	0.4	0.72 a Ml 2.8	22316
---	m	---	48621
---	m	---	48620
---	0.5	1.04 a Ml 3.1	22317
---	m	---	48623
---	m	---	48622
---	m	---	48624

DATA_TYPE COMMENT GSE2.1
Event 3955

Official Magnitude:
Ml 3.04

Error ellipse:

	Azim	Dip	Mag
Max:	258	51	1.5700
Intermediate:	51	35	0.8100
Min:	151	14	0.6600

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054774 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3956 0.9 km from Pepellash, Korçë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID	2020/09/05	21:13:55.43	0.16	40.4722	20.7055				11.7	0.5	12	36	132	0.16	2.67	m	
4073																	

Magnitude	Err	Nsta	Author	OrigID
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M1 2.0 0.0 4 4073

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
KBN	0.16	22.0	Sg	21:14:00.985	-0.1					___				m		48626
KBN	0.16	22.0	Pg	21:13:58.884	0.2					___				m		48625
KBN	0.16	22.0	AM1	21:14:05.660						___		2.7	0.40	a	M1	2.3
SRN	0.80	223.0	Sg	21:14:23.763	0.2					___				m		48628
SRN	0.80	223.0	Pg	21:14:11.416	-0.1					___				m		48627
SRN	0.80	223.0	AM1	21:14:26.120						___		0.2	0.40	a	M1	2.0
IGT	0.98	198.0	Sg	21:14:28.777	-0.1					___				m		48630
IGT	0.98	198.0	Pg	21:14:14.302	-0.2					___				m		48629
IGT	0.98	198.0	AM1	21:14:37.290						___		0.1	0.42	a	M1	1.9
KEK	1.03	223.0	Sn	21:14:28.898	-1.5					___				m		48632
KEK	1.03	223.0	Pn	21:14:15.309	-0.1					___				m		48631
PHP	1.23	351.0	Sg	21:14:36.119	0.1					___				m		48634
PHP	1.23	351.0	Pg	21:14:18.527	-0.1					___				m		48633
PHP	1.23	351.0	AM1	21:14:46.540						___		0.1	0.42	a	M1	2.0
THL	1.35	131.0	Sn	21:14:38.329	-2.1					___				m		48636
THL	1.35	131.0	Pn	21:14:19.497	-1.7					___				m		48635
LKD2	1.68	182.0	Sn	21:14:50.748	0.1					___				m		48638
LKD2	1.68	182.0	Pn	21:14:28.367	1.4					___				m		48637
KLV	2.67	154.0	Pn	21:14:42.179	0.1					___				m		48639

DATA_TYPE COMMENT GSE2.1
Event 3956

Official Magnitude:
M1 1.96

Error ellipse:

	Azim	Dip	Mag
Max:	298	58	0.5400
Intermediate:	100	30	0.5300
Min:	195	8	0.1800

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054774 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3957 1.3 km from Shtikë, Korçë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/05	23:16:15.93		0.48	40.4420	20.7018				7.4	3.0	14	37	111	0.19	2.65	m	
4074																	

Magnitude Err Nsta Author OrigID

M1 1.8 0.0 5 4074

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
KBN	0.19	19.0	Sg	23:16:22.557	0.4									m		48641
KBN	0.19	19.0	Pg	23:16:18.472	-1.0									m		48640
KBN	0.19	19.0	AMl	23:16:25.210								2.2	0.38	a	M1	22322
SRN	0.78	224.0	Sg	23:16:43.001	-0.2									m		48643
SRN	0.78	224.0	Pg	23:16:30.892	-0.6									m		48642
SRN	0.78	224.0	AMl	23:16:45.330								0.1	0.40	a	M1	22323
IGT	0.95	198.0	Sg	23:16:49.046	0.6									m		48645
IGT	0.95	198.0	Pg	23:16:33.940	-0.6									m		48644
KEK	1.01	224.0	Pg	23:16:33.807	-1.7									m		48647
KEK	1.01	224.0	Sg	23:16:50.282	0.1									m		48646
TIR	1.10	326.0	Sn	23:16:54.093	0.6									m		48649
TIR	1.10	326.0	Pn	23:16:37.462	0.1									m		48648
TIR	1.10	326.0	AMl	23:17:03.650								0.0	0.50	a	M1	22324
PHP	1.26	352.0	Sg	23:16:56.249	-1.7									m		48651
PHP	1.26	352.0	Pg	23:16:39.574	-0.4									m		48650
PHP	1.26	352.0	AMl	23:17:07.580								0.1	0.48	a	M1	22325
THL	1.34	130.0	Sg	23:16:59.153	-1.7									m		48653
THL	1.34	130.0	Pg	23:16:42.152	0.5									m		48652
LKD2	1.65	182.0	Sn	23:17:10.859	0.2									m		48655
LKD2	1.65	182.0	Pn	23:16:47.625	0.4									m		48654
LKD2	1.65	182.0	AMl	23:17:29.510								0.1	0.72	a	M1	22326
KLV	2.65	154.0	Pn	23:17:02.154	-0.5									m		48656

DATA_TYPE COMMENT GSE2.1
Event 3957

Official Magnitude:
M1 1.83

Error ellipse:

	Azim	Dip	Mag
Max:	292	73	3.0700
Intermediate:	98	15	1.0200
Min:	189	4	0.5400

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054774 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3960 1.4 km from Bushnesh, Durrës, Albania

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

2020/09/06 12:47:15.12 0.12 41.5687 19.6558 2.1 1.4 11 10 155 0.49 2.10 m
4077

Magnitude Err Nsta Author OrigID
M1 2.3 0.0 4 4077

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.27	0.0	P	12:47:20.347	0.0									m		48715
TIR	0.27	144.0	S	12:47:24.407	-1.0									m		48700
TIR	0.27	144.0	AM1	12:47:24.780								1.4	0.16	a	M1	2.1
SDA	0.50	347.0	S	12:47:32.733	-0.2									m		48702
SDA	0.50	347.0	P	12:47:25.208	-0.1									m		48701
SDA	0.50	347.0	AM1	12:47:42.140								0.3	0.38	a	M1	1.7
PHP	0.60	78.0	S	12:47:35.653	-0.2									m		48704
PHP	0.60	78.0	P	12:47:27.030	0.0									m		48703
PHP	0.60	78.0	AM1	12:47:47.000								1.2	0.50	a	M1	2.5
PDG	0.91	342.0	S	12:47:47.032	0.3									m		48706
PDG	0.91	342.0	P	12:47:33.321	0.1									m		48705
VLO	1.11	187.0	S	12:47:55.540	3.5									m		48708
VLO	1.11	187.0	P	12:47:36.095	-0.1									m		48707
KBN	1.27	137.0	S	12:47:58.174	0.1									m		48710
KBN	1.27	137.0	P	12:47:39.206	-0.5									m		48709
SRN	1.71	171.0	S	12:48:11.799	-1.3									m		48712
SRN	1.71	171.0	P	12:47:48.363	0.1									m		48711
SRN	1.71	171.0	AM1	12:48:20.870								0.2	0.48	a	M1	2.5
IGT	2.10	165.0	S	12:48:22.479	-1.6									m		48714
IGT	2.10	165.0	P	12:47:54.456	-0.1									m		48713

DATA_TYPE COMMENT GSE2.1
Event 3960

Official Magnitude:
M1 2.28

Error ellipse:

	Azim	Dip	Mag
Max:	334	88	1.4400
Intermediate:	76	0	0.3600
Min:	166	2	0.2100

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054774 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3961 1.8 km from Bregas, Vlorë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/06	13:57:35.87		0.15	39.9048	20.0003				14.7	1.0	5	37	285	0.03	0.45	m	
4078																	

Magnitude	Err	Nsta	Author	OrigID
Ml	1.4	0.0	1	4078

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
SRN	0.02	179.0	Sg	13:57:40.455	-0.1					---				m		48717
SRN	0.02	179.0	Pg	13:57:38.749	0.2					---				m		48716
SRN	0.02	179.0	AMl	13:57:40.930						---		0.4	0.14	a	Ml	1.4
KEK	0.25	220.0	Sg	13:57:45.402	0.1					---				m		48719
KEK	0.25	220.0	Pg	13:57:41.009	-0.3					---				m		48718
IGT	0.45	145.0	Sg	13:57:51.801	0.0					---				m		48721
IGT	0.45	145.0	Pg	13:57:46.063	1.1					---				m		48720

DATA_TYPE COMMENT GSE2.1
Event 3961

Official Magnitude:
Ml 1.41

Error ellipse:

	Azim	Dip	Mag
Max:	2	38	1.5400
Intermediate:	232	37	0.6200
Min:	117	29	0.5600

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054773 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3962 1.8 km from Maja e Shebenikut, Elbasan, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/06	18:33:32.11		1.00	41.2225	20.4793				28.9	2.5	19	37	147	0.46	3.58	m	
4079																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.3	0.0	7	4079

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
PHP	0.46	357.0	Sg	18:33:48.765	0.0					---				m		48723
PHP	0.46	357.0	Pg	18:33:41.210	-0.4					---				m		48722
PHP	0.46	357.0	AMl	18:33:51.920						---		1.0	0.36	a	Ml	2.2

TIR	0.48	0.0	Pg	18:33:41.799	0.0
TIR	0.48	286.0	Sg	18:33:48.982	-0.8
TIR	0.48	286.0	AM1	18:33:50.070	
TIR	0.48	286.0	AM1	18:33:52.990	
KBN	0.64	158.0	Sg	18:33:53.656	-0.1
KBN	0.64	158.0	Pg	18:33:45.552	1.1
KBN	0.64	158.0	AM1	18:33:57.700	
SDA	1.11	319.0	Sg	18:34:10.194	1.4
SDA	1.11	319.0	Pg	18:33:53.176	0.1
SDA	1.11	319.0	AM1	18:34:13.160	
SDA	1.11	319.0	AM1	18:34:13.010	
SRN	1.39	196.0	Sn	18:34:17.975	0.1
SRN	1.39	196.0	Pn	18:34:01.092	2.8
SRN	1.39	196.0	AM1	18:34:24.640	
PDG	1.51	324.0	Sn	18:34:24.830	4.2
PDG	1.51	324.0	Pn	18:34:00.680	0.8
KEK	1.60	200.0	Pn	18:34:00.218	-1.0
KEK	1.60	200.0	Sn	18:34:23.765	0.8
KEK	1.60	200.0	Pn	18:34:00.322	-0.9
IGT	1.69	184.0	Sn	18:34:28.695	3.1
IGT	1.69	184.0	Pn	18:34:03.803	1.1
IGT	1.69	184.0	AM1	18:34:34.160	
THL	2.03	144.0	Sn	18:34:30.434	-3.8
THL	2.03	144.0	Pn	18:34:06.104	-1.5
LKD2	2.43	176.0	Pn	18:34:13.611	0.0
NOCI	2.62	262.0	Sn	18:34:45.426	-4.1
NOCI	2.62	262.0	Pn	18:34:15.133	-1.2
NOCI	2.62	262.0	AM1	18:34:45.690	
SGRT	3.58	281.0	Pn	18:34:28.843	-1.7

				md		48744
				m		48724
0.8	0.18	a	M1		2.2	22344
0.7	0.28	a	M1		2.1	22343
				m		48726
				m		48725
0.9	0.50	a	M1		2.5	22345
				m		48728
				m		48727
0.3	0.30	a	M1		2.3	22347
0.5	0.44	a	M1		2.6	22346
				m		48730
				mc		48729
0.1	0.44	a	M1		2.0	22348
				m		48732
				m		48731
				m		48735
				m		48734
				m		48733
				m		48737
				m		48736
0.1	0.46	a	M1		2.4	22349
				m		48739
				m		48738
				m		48740
				m		48742
				m		48741
0.1	0.48	a	M1		2.6	22350
				m		48743

DATA_TYPE COMMENT GSE2.1
Event 3962

Official Magnitude:
M1 2.31

Error ellipse:

	Azim	Dip	Mag
Max:	59	50	3.2500
Intermediate:	260	37	2.2600
Min:	162	11	1.1500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054773 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3963 1.9 km from Gjinazez, Lezhë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/06	23:22:10.14		0.08	41.6010	19.6297				16.2	0.5	6	7	198	0.31	0.87	m	
4080																	

Magnitude	Err	Nsta	Author	OrigID
M1	1.7	0.0	3	4080

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.00	0.0	Pg	23:22:16.894	0.0											48752
TIR	0.31	144.0	Sg	23:22:21.603	0.0											48745
TIR	0.31	144.0	AM1	23:22:22.070								0.8	0.34	a	M1	22352
TIR	0.31	144.0	AM1	23:22:21.750								0.5	0.32	a	M1	22351
SDA	0.46	348.0	Sg	23:22:26.457	0.1											48747
SDA	0.46	348.0	Pg	23:22:18.995	-0.4											48746
SDA	0.46	348.0	AM1	23:22:27.170								0.1	0.12	a	M1	22354
SDA	0.46	348.0	AM1	23:22:26.940								0.2	0.12	a	M1	22353
PHP	0.61	81.0	Sg	23:22:30.886	0.0											48749
PHP	0.61	81.0	Pg	23:22:21.415	-0.6											48748
PHP	0.61	81.0	AM1	23:22:32.370								0.3	0.12	a	M1	22355
PDG	0.87	342.0	Sg	23:22:39.798	0.0											48751
PDG	0.87	342.0	Pg	23:22:27.055	-0.0											48750

DATA_TYPE COMMENT GSE2.1
Event 3963

Official Magnitude:
M1 1.73

Error ellipse:

	Azim	Dip	Mag
Max:	165	78	0.5400
Intermediate:	55	3	0.2900
Min:	324	11	0.1100

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054773 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3965 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/07	21:32:35.42		0.00	39.8397	20.0465				17.5	0.1	5	9	185	0.05	1.15	m	
4082																	

Magnitude	Err	Nsta	Author	OrigID
M1	1.5	0.0	3	4082

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
SRN	0.05	319.0	S	21:32:41.168	-0.0									m		48765
SRN	0.05	319.0	P	21:32:38.704	0.0									m		48764
SRN	0.05	319.0	AM1	21:32:43.778								0.5	0.14	a	M1	1.5
KEK	0.23	237.0	S	21:32:46.036	1.4									m		48767
KEK	0.23	237.0	P	21:32:40.690	0.0									m		48766
IGT	0.38	144.0	S	21:32:50.072	1.0									m		48769
IGT	0.38	144.0	P	21:32:43.258	0.0									m		48768
IGT	0.38	144.0	AM1	21:32:51.358								0.1	0.32	a	M1	1.0
LKD2	1.15	155.0	S	21:33:15.293	1.7									m		48771
LKD2	1.15	155.0	P	21:32:57.241	0.0									m		48770
LKD2	1.15	155.0	AM1	21:33:11.518								0.1	1.16	a	M1	1.8

DATA_TYPE COMMENT GSE2.1
Event 3965

Official Magnitude:
M1 1.52

Error ellipse:

	Azim	Dip	Mag
Max:	357	44	0.0800
Intermediate:	243	21	0.0300
Min:	136	38	0.0200

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054773 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3966 1.2 km from Tregan, Elbasan, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/08	03:19:11.64		0.04	41.0288	20.0657				7.0	3.2	4	7	312	0.35	1.11	m	
4083																	

Magnitude	Err	Nsta	Author	OrigID
M1	1.3	0.0	3	4083

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.35	0.0	Pg	03:19:18.796	0.0									m		48777
TIR	0.35	335.0	Sg	03:19:24.034	-0.0									m		48772
TIR	0.35	335.0	AM1	03:19:25.818								0.2	0.22	a	M1	1.3
PHP	0.71	23.0	S	03:19:35.670	0.0									m		48774

—			m			48773
—	0.1	0.14	a	M1	1.3	22362
—			m			48776
—			m			48775
—	0.0	0.34	a	M1	1.2	22363

Event 3967

Official Magnitude:

Ml 2.21

Error ellipse:

	Azim	Dip	Mag
Max:	68	67	1.7400
Intermediate:	211	18	0.5700
Min:	305	13	0.3000

BEGIN GSE2.1

MSG_TYPE DATA

MSG_ID 1602054773 athena

DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3969 0.3 km from Barmë, Gjirokastër, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/09	18:58:43.93		0.50	40.4952	20.0488				13.3	1.8	19	37	79	0.42	3.47	m	
4086																	

Magnitude	Err	Nsta	Author	OrigID
Ml 3.0	0.0	7		4086

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
VLO	0.42	267.0	Sg	18:59:00.267	2.6											48798
VLO	0.42	267.0	Pg	18:58:52.364	0.6											48797
VLO	0.42	267.0	AMl	18:59:03.790								16.5	0.42	a__	Ml 3.4	22377
KBN	0.58	76.0	Sg	18:59:03.947	0.8											48800
KBN	0.58	76.0	Pg	18:58:54.367	-0.6											48799
KBN	0.58	76.0	AMl	18:59:04.880								4.7	0.54	a__	Ml 3.1	22378
SRN	0.62	184.0	Sg	18:59:06.042	0.1											48802
SRN	0.62	184.0	Pg	18:58:55.867	-0.6											48801
SRN	0.62	184.0	AMl	18:59:09.190								1.5	0.38	a__	Ml 2.6	22379
KEK	0.80	195.0	Sg	18:59:11.614	0.1											48806
KEK	0.80	195.0	Pg	18:58:57.394	-2.3											48805
KEK	0.80	195.0	Sg	18:59:11.497	0.0											48804
KEK	0.80	195.0	Pg	18:58:57.366	-2.3											48803
TIR	0.86	351.0	Sn	18:59:14.050	0.7											48808
TIR	0.86	351.0	Pn	18:58:59.949	-0.8											48807
TIR	0.86	351.0	AMl	18:59:20.110								1.7	0.38	a__	Ml 2.9	22380
IGT	0.99	167.0	Sg	18:59:17.783	0.4											48810
IGT	0.99	167.0	Pg	18:59:03.034	-0.0											48809
PHP	1.22	13.0	Sn	18:59:27.329	3.1											48812
PHP	1.22	13.0	Pn	18:59:06.569	-0.4											48811

PHP	1.22	13.0	AM1	18:59:31.990	---	1.0	0.62	a	M1	3.0	22381
SDA	1.61	346.0	Sn	18:59:36.961	0.3	---		m			48814
SDA	1.61	346.0	Pn	18:59:13.350	-0.7	---		m			48813
SDA	1.61	346.0	AM1	18:59:46.160		---	0.4	0.84	a	M1	2.8
LKD2	1.77	164.0	Pn	18:59:14.796	-2.1	---		m			48815
THL	1.77	120.0	Sn	18:59:41.693	-0.1	---		m			48817
THL	1.77	120.0	Pn	18:59:16.829	-0.2	---		m			48816
NOCI	2.29	279.0	Sn	18:59:58.119	2.7	---		m			48819
NOCI	2.29	279.0	Pn	18:59:21.333	-3.5	---		m			48818
NOCI	2.29	279.0	AM1	19:00:02.930		---	0.9	0.40	a	M1	3.6
SGRT	3.47	293.0	Pn	18:59:37.636	-4.6	---		m			48820

DATA_TYPE COMMENT GSE2.1
Event 3969

Official Magnitude:
M1 2.95

Error ellipse:

	Azim	Dip	Mag
Max:	135	88	1.8400
Intermediate:	270	0	0.8000
Min:	359	1	0.4900

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054773 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3970 7 km from Shetaj, Durrës, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/10	05:00:11.22		0.65	41.5403	19.4132				2.1	4.5	13	10	105	0.39	1.93	m	4087

Magnitude	Err	Nsta	Author	OrigID
M1	3.5	0.0	4	4087

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.39	0.0	P	05:00:19.305	0.0									m		48836
TIR	0.39	119.0	Sg	05:00:24.037	-1.5									m		48821
TIR	0.39	119.0	AM1	05:00:24.740								21.8	0.24	a	M1	3.4
SDA	0.51	6.0	S	05:00:29.692	0.1									m		48823
SDA	0.51	6.0	P	05:00:21.251	-0.5									m		48822
SDA	0.51	6.0	AM1	05:00:31.700								9.0	0.22	a	M1	3.2
PHP	0.78	79.0	S	05:00:37.836	-0.3									m		48825
PHP	0.78	79.0	P	05:00:25.839	-0.8									m		48824

PHP	0.78	79.0	AM1	05:00:43.930	
PDG	0.90	353.0	Sg	05:00:42.615	0.2
PDG	0.90	353.0	Pg	05:00:28.810	-0.2
VLO	1.07	176.0	S	05:00:50.796	3.7
VLO	1.07	176.0	Pg	05:00:34.458	2.8
VLO	1.07	176.0	AM1	05:00:54.830	
KBN	1.38	130.0	Sg	05:00:58.327	0.5
KBN	1.38	130.0	P	05:00:38.535	0.7
SRN	1.72	164.0	S	05:01:09.090	-0.5
SRN	1.72	164.0	P	05:00:42.139	-2.4
NOCI	1.93	248.0	Sn	05:01:15.284	-0.1
NOCI	1.93	248.0	P	05:00:46.725	-1.2

9.7	0.72	a	M1	3.6	22386
		m			48827
		m			48826
		m			48829
		m			48828
7.6	0.56	a	M1	3.7	22387
		m			48831
		m			48830
		m			48833
		m			48832
		m			48835
		m			48834

DATA_TYPE COMMENT GSE2.1
Event 3970

Official Magnitude:
M1 3.51

Error ellipse:

	Azim	Dip	Mag
Max:	9	84	4.4700
Intermediate:	246	2	1.0900
Min:	156	5	0.8700

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054772 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3972 0.7 km from Shalës, Gjirokastër, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/10	06:21:48.10		0.61	40.4675	20.0697				2.0	5.1	13	37	101	0.44	1.74	m	
4089																	

Magnitude	Err	Nsta	Author	OrigID
M1	2.2	0.0	3	4089

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
VLO	0.44	271.0	Sg	06:22:03.201	0.4									m		48853
VLO	0.44	271.0	Pg	06:21:55.568	-0.9									m		48852
VLO	0.44	271.0	AM1	06:22:08.440								2.5	0.22	a	M1	2.6
KBN	0.57	73.0	Sg	06:22:07.391	-0.1									m		48855
KBN	0.57	73.0	Pg	06:21:57.536	-1.7									m		48854
KBN	0.57	73.0	AM1	06:22:12.320								0.5	0.52	a	M1	2.0
SRN	0.59	186.0	Sg	06:22:08.870	-0.8									m		48857

SRN	0.59	186.0	Pg	06:21:59.668	-0.8	---	m	---	48856
KEK	0.78	196.0	Sg	06:22:14.849	-0.7	---	m	---	48859
KEK	0.78	196.0	Pg	06:22:02.676	-1.1	---	m	---	48858
IGT	0.96	167.0	Sg	06:22:22.015	0.7	---	m	---	48861
IGT	0.96	167.0	Pg	06:22:07.933	0.9	---	m	---	48860
PHP	1.25	12.0	Sg	06:22:30.588	0.0	---	m	---	48863
PHP	1.25	12.0	Pg	06:22:12.106	-0.3	---	m	---	48862
PHP	1.25	12.0	AM1	06:22:38.910		---	0.2	0.50 a M1 2.2	22394
LKD2	1.74	164.0	Pn	06:22:20.922	-0.5	---	m	---	48864
THL	1.74	120.0	Pn	06:22:21.496	-0.1	---	m	---	48865

DATA_TYPE COMMENT GSE2.1
Event 3972

Official Magnitude:
M1 2.23

Error ellipse:

	Azim	Dip	Mag
Max:	320	89	5.0600
Intermediate:	105	0	1.1600
Min:	195	1	0.8500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054772 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3975 1.2 km from Qerret, Durrës, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/11	02:22:14.10		0.37	41.3932	19.5052				12.0	2.1	12	13	179	0.28	1.96	m	
4092																	

Magnitude	Err	Nsta	Author	OrigID
M1	1.8	0.0	3	4092

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.00	0.0	Pg	02:22:21.034	0.0					---				m		48896
TIR	0.27	99.0	Sg	02:22:24.599	0.5					---				m		48881
TIR	0.27	99.0	AM1	02:22:24.960						---		0.9	0.42	a	M1	22400
TIR	0.27	99.0	AM1	02:22:25.050						---		1.2	0.16	a	M1	22399
SDA	0.66	0.0	Sg	02:22:36.704	-0.1					---				m		48883
SDA	0.66	0.0	Pg	02:22:26.558	-0.5					---				mc		48882
SDA	0.66	0.0	AM1	02:22:40.320						---		0.1	0.36	a	M1	22402
SDA	0.66	0.0	AM1	02:22:38.500						---		0.1	0.26	a	M1	22401
PHP	0.76	67.0	Sg	02:22:39.363	-0.3					---				m		48885

PHP	0.76	67.0	Pg	02:22:28.462	-0.3	---												m		48884	
PHP	0.76	67.0	AMl	02:22:42.500		---												a	Ml	1.8	22403
PDG	1.05	351.0	Sg	02:22:50.171	0.4	---												m			48887
PDG	1.05	351.0	Pg	02:22:34.768	0.3	---												m			48886
KBN	1.24	127.0	Sn	02:22:58.820	4.1	---												m			48889
KBN	1.24	127.0	Pn	02:22:40.063	2.8	---												m			48888
KEK	1.69	172.0	Sn	02:23:09.839	0.2	---												m			48893
KEK	1.69	172.0	Pn	02:22:45.385	-0.4	---												m			48892
KEK	1.69	172.0	Sn	02:23:09.714	0.1	---												m			48891
KEK	1.69	172.0	Pn	02:22:46.721	0.9	---												m			48890
IGT	1.96	161.0	Sn	02:23:17.017	-0.4	---												m			48895
IGT	1.96	161.0	Pn	02:22:53.938	3.6	---												m			48894

DATA_TYPE COMMENT GSE2.1
Event 3975

Official Magnitude:
Ml 1.76

Error ellipse:

	Azim	Dip	Mag
Max:	66	57	2.5000
Intermediate:	272	29	0.9100
Min:	175	12	0.4900

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054772 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3977 4.1 km from Palermo, Vlorë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/11	06:39:38.82		0.04	40.0293	19.7735				2.0	0.4	6	9	314	0.23	1.42	m	
4094																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.2	0.0	3	4094

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
SRN	0.23	130.0	S	06:39:48.188	0.0											48933
SRN	0.23	130.0	P	06:39:43.601	-0.6											48932
SRN	0.23	130.0	AMl	06:39:49.408								1.9	0.36	a	Ml	2.2
KEK	0.32	176.0	S	06:39:50.170	-0.5											48935
KEK	0.32	176.0	P	06:39:45.554	-0.0											48934
IGT	0.66	139.0	S	06:40:01.863	-0.2											48937
IGT	0.66	139.0	P	06:39:52.038	-0.0											48936

IGT	0.66	139.0	AM1	06:40:08.698	_____	0.2	0.40	a_____	M1	1.7	22410
LKD2	1.42	150.0	S	06:40:27.259	0.1	_____		m_____			48939
LKD2	1.42	150.0	P	06:40:06.475	0.0	_____		m_____			48938
LKD2	1.42	150.0	AM1	06:40:31.698		_____	0.2	0.32	a_____	M1	2.3
											22411

DATA_TYPE COMMENT GSE2.1
Event 3977

Official Magnitude:
Ml 2.19

Error ellipse:

	Azim	Dip	Mag
Max:	10	33	0.5200
Intermediate:	178	55	0.4500
Min:	276	6	0.2500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054772 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3978 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/11	06:41:32.19		0.03	40.1633	19.7908				14.7	0.2	6	8	327	0.32	1.53	m	
4095																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.3	0.0	3	4095

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
SRN	0.33	150.0	S	06:41:44.124	-0.6					_____				m_____		48941
SRN	0.33	150.0	P	06:41:39.319	-0.0					_____				m_____		48940
SRN	0.33	150.0	AM1	06:41:45.268						_____		1.6	0.38	a_____	M1	2.3
KEK	0.45	179.0	S	06:41:48.000	-0.1					_____				m_____		48943
KEK	0.45	179.0	P	06:41:41.289	0.0					_____				m_____		48942
IGT	0.76	146.0	S	06:41:58.192	0.1					_____				m_____		48945
IGT	0.76	146.0	P	06:41:47.394	0.4					_____				m_____		48944
IGT	0.76	146.0	AM1	06:42:03.628						_____		0.1	0.26	a_____	M1	1.7
LKD2	1.53	153.0	S	06:42:22.260	-0.1					_____				m_____		48947
LKD2	1.53	153.0	P	06:42:00.821	-0.0					_____				m_____		48946
LKD2	1.53	153.0	AM1	06:42:28.018						_____		0.2	0.76	a_____	M1	2.5
																22414

DATA_TYPE COMMENT GSE2.1
Event 3978

Official Magnitude:
Ml 2.26

Error ellipse:

	Azim	Dip	Mag
Max:	305	45	0.3300
Intermediate:	192	20	0.3200
Min:	86	38	0.2500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054772 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3979 1.9 km from Fushë Brrati, Vlorë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/11	06:41:32.19		0.03	40.1633	19.7908				14.7	0.2	6	8	327	0.32	1.53	m	
OrigID 4096																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.3	0.0	3	4096

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
SRN	0.33	150.0	S	06:41:44.124	-0.6					___				m		48949
SRN	0.33	150.0	P	06:41:39.319	-0.0					___				m		48948
SRN	0.33	150.0	AMl	06:41:45.268						___		1.6	0.38	a	Ml	22415
KEK	0.45	179.0	S	06:41:48.000	-0.1					___				m		48951
KEK	0.45	179.0	P	06:41:41.289	0.0					___				m		48950
IGT	0.76	146.0	S	06:41:58.192	0.1					___				m		48953
IGT	0.76	146.0	P	06:41:47.394	0.4					___				m		48952
IGT	0.76	146.0	AMl	06:42:03.628						___		0.1	0.26	a	Ml	22416
LKD2	1.53	153.0	S	06:42:22.260	-0.1					___				m		48955
LKD2	1.53	153.0	P	06:42:00.821	-0.0					___				m		48954
LKD2	1.53	153.0	AMl	06:42:28.018						___		0.2	0.76	a	Ml	22417

DATA_TYPE COMMENT GSE2.1
Event 3979

Official Magnitude:
Ml 2.26

Error ellipse:

	Azim	Dip	Mag
Max:	305	45	0.3300
Intermediate:	192	20	0.3200
Min:	86	38	0.2500

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1602054772 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3981 3.1 km from Çorraj, Vlorë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/12	00:06:32.31		0.07	40.1420	19.8590				19.5	0.3	6	7	322	0.28	1.49	m	
4098																	

Magnitude	Err	Nsta	Author	OrigID
Ml	1.1	0.0	2	4098

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
SRN	0.28	157.0	Sg	00:06:44.020	0.0					---				m		48966
SRN	0.28	157.0	Pg	00:06:38.899	-0.1					---				m		48965
SRN	0.28	157.0	AMl	00:06:45.270						---		0.1	0.26	a	Ml	1.2
KEK	0.43	187.0	Pg	00:06:41.190	-0.0					---				m		48967
IGT	0.71	149.0	Sg	00:06:56.492	-0.1					---				m		48969
IGT	0.71	149.0	Pg	00:06:46.268	0.1					---				m		48968
IGT	0.71	149.0	AMl	00:06:57.990						---		0.0	0.24	a	Ml	1.0
LKD2	1.49	155.0	Sg	00:07:20.762	0.1					---				m		48971
LKD2	1.49	155.0	Pg	00:07:00.871	0.9					---				m		48970

DATA_TYPE COMMENT GSE2.1
 Event 3981

Official Magnitude:
 Ml 1.10

Error ellipse:

	Azim	Dip	Mag
Max:	227	9	1.0300
Intermediate:	322	25	0.4900
Min:	119	63	0.3200

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1602054772 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3982 0.6 km from Dushk, Durrës, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/12	00:49:55.13		0.02	41.4153	19.5202				3.5	0.2	7	9	189	0.27	1.98	m	
4099																	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.0	3	4099

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.27	0.0	Pg	00:50:01.865	0.0					---						48981
TIR	0.27	104.0	Sg	00:50:05.110	0.0					---						48972
TIR	0.27	104.0	AMl	00:50:06.810						---		0.3	0.20	a_	Ml	1.5
TIR	0.27	104.0	AMl	00:50:05.880						---		0.5	0.16	a_	Ml	1.6
SDA	0.63	359.0	Sg	00:50:17.413	0.0					---						48974
SDA	0.63	359.0	Pg	00:50:07.447	-0.4					---						48973
SDA	0.63	359.0	AMl	00:50:21.180						---		0.0	0.36	a_	Ml	1.2
SDA	0.63	359.0	AMl	00:50:20.970						---		0.1	0.50	a_	Ml	1.2
PHP	0.74	68.0	Sg	00:50:20.406	-0.0					---						48976
PHP	0.74	68.0	Pg	00:50:09.604	0.0					---						48975
PHP	0.74	68.0	AMl	00:50:23.890						---		0.1	0.50	a_	Ml	1.4
PDG	1.03	350.0	Sn	00:50:30.594	-0.0					---						48978
PDG	1.03	350.0	Pn	00:50:15.385	-0.0					---						48977
IGT	1.98	161.0	Sn	00:51:00.633	0.0					---						48980
IGT	1.98	161.0	Pn	00:50:33.036	0.5					---						48979

DATA_TYPE COMMENT GSE2.1
Event 3982

Official Magnitude:
ML 1.41

Error ellipse:

	Azim	Dip	Mag
Max:	37	80	0.2100
Intermediate:	235	8	0.0800
Min:	145	3	0.0400

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054772 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3986 1.6 km from Ungrej, Lezhë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/12	16:46:05.88		0.22	41.8778	19.8138				47.1	1.5	6	9	148	0.30	3.15	m	
4104																	

Magnitude Err Nsta Author OrigID
Ml 3.9 0.0 3 4104

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
SDA	0.29	307.0	S	16:46:20.245	-1.4									m		49030
SDA	0.29	307.0	P	16:46:14.523	-0.4									m		49029
SDA	0.29	307.0	AMl	16:46:20.780								49.2	0.32	a	Ml	4.0
PHP	0.51	112.0	S	16:46:25.775	0.0									m		49032
PHP	0.51	112.0	P	16:46:17.158	-0.1									m		49031
PHP	0.51	112.0	AMl	16:46:29.500								31.1	0.46	a	Ml	3.9
TIR	0.52	0.0	P	16:46:16.808	0.0									m		49038
TIR	0.53	175.0	S	16:46:26.967	0.1									m		49033
TIR	0.53	175.0	AMl	16:46:27.500								16.4	0.30	a	Ml	3.7
PDG	0.69	324.0	P	16:46:20.479	0.4									m		49034
NOCI	2.34	244.0	P	16:46:43.228	-1.5									m		49035
IGT	2.38	170.0	P	16:46:45.139	-0.1									m		49036
LKD2	3.15	167.0	P	16:46:54.955	-1.7									m		49037

DATA_TYPE COMMENT GSE2.1
Event 3986

Official Magnitude:
Ml 3.90

Error ellipse:

	Azim	Dip	Mag
Max:	60	67	1.6100
Intermediate:	230	22	1.1300
Min:	321	4	0.7000

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054771 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3988 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/12	21:10:02.71		0.12	40.5125	20.7288				2.2	0.8	8	10	161	0.12	1.72	m	
4106																	

Magnitude Err Nsta Author OrigID
Ml 2.4 0.0 5 4106

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
KBN	0.12	21.0	S	21:10:07.377	0.9									m		49052

KBN	0.12	21.0	P	21:10:04.827	-0.0	_____												m_____	49051	
KBN	0.12	21.0	AM1	21:10:08.100		_____												a_____ M1	2.8	22443
SRN	0.84	222.0	S	21:10:33.262	0.5	_____												m_____		49054
SRN	0.84	222.0	P	21:10:19.688	-0.2	_____												m_____		49053
SRN	0.84	222.0	AM1	21:10:35.790		_____												a_____ M1	2.3	22444
IGT	1.03	198.0	S	21:10:38.145	-0.1	_____												m_____		49056
IGT	1.03	198.0	P	21:10:22.114	-0.9	_____												m_____		49055
IGT	1.03	198.0	AM1	21:10:41.870		_____												a_____ M1	2.4	22445
KEK	1.07	223.0	S	21:10:40.674	0.9	_____												m_____		49058
KEK	1.07	223.0	P	21:10:24.073	0.2	_____												m_____		49057
PHP	1.19	350.0	S	21:10:43.176	-0.1	_____												m_____		49060
PHP	1.19	350.0	P	21:10:25.867	0.0	_____												m_____		49059
PHP	1.19	350.0	AM1	21:10:47.560		_____												a_____ M1	2.4	22446
LKD2	1.72	182.0	S	21:11:00.530	-0.0	_____												m_____		49062
LKD2	1.72	182.0	P	21:10:35.781	0.0	_____												m_____		49061
LKD2	1.72	182.0	AM1	21:11:07.990		_____												a_____ M1	2.6	22447

DATA_TYPE COMMENT GSE2.1
Event 3988

Official Magnitude:
M1 2.41

Error ellipse:

	Azim	Dip	Mag
Max:	84	60	0.9100
Intermediate:	291	26	0.5800
Min:	195	12	0.1900

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054771 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3989 0.7 km from Bilaj, Durrës, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID	2020/09/13	04:00:31.83	0.09	41.4867	19.6880				6.5	7.5	4	37	210	0.19	0.60	m	
4107																	

Magnitude	Err	Nsta	Author	OrigID
M1	1.5	0.0	2	4107

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.19	136.0	Sg	04:00:38.028	-0.9					_____					m_____	49064
TIR	0.19	136.0	Pg	04:00:35.805	-0.1					_____					m_____	49063
TIR	0.19	136.0	AM1	04:00:38.340						_____		0.8	0.14	a_____ M1	1.8	22449

TIR	0.19	136.0	AM1	04:00:38.980		0.4	0.14	a	M1	1.5	22448
SDA	0.58	346.0	Sg	04:00:51.774	-0.1			m			49066
SDA	0.58	346.0	Pg	04:00:43.428	0.1			m			49065
PHP	0.60	0.0	Pg	04:00:42.891	0.0			m			49068
PHP	0.60	70.0	Sg	04:00:51.952	0.0			m			49067
PHP	0.60	70.0	AM1	04:00:55.510		0.0	0.14	a	M1	1.1	22450

DATA_TYPE COMMENT GSE2.1
Event 3989

Official Magnitude:
M1 1.48

Error ellipse:

	Azim	Dip	Mag
Max:	201	88	7.5400
Intermediate:	49	1	0.4600
Min:	319	1	0.2500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054771 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3990 0.2 km from ThanË, Elbasan, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/13	06:02:11.52		0.23	41.0175	19.9522				13.5	1.4	12	36	163	0.33	2.14	m	
4108																	

Magnitude	Err	Nsta	Author	OrigID
M1	2.6	0.0	5	4108

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.34	349.0	Sg	06:02:23.394	-0.3											49070
TIR	0.34	349.0	Pg	06:02:18.731	0.3											49069
TIR	0.34	349.0	AM1	06:02:25.940								2.3	0.48	a	M1	2.4
TIR	0.34	349.0	AM1	06:02:28.360								2.4	0.54	a	M1	2.4
KBN	0.75	121.0	Sg	06:02:36.651	0.4											49072
KBN	0.75	121.0	Pg	06:02:25.608	-0.1											49071
PHP	0.76	28.0	Sg	06:02:36.729	-0.4											49074
PHP	0.76	28.0	Pg	06:02:26.175	0.0											49073
PHP	0.76	28.0	AM1	06:02:46.680								1.4	0.32	a	M1	2.7
SDA	1.09	342.0	Sg	06:02:48.319	0.2											49076
SDA	1.09	342.0	Pg	06:02:32.259	-0.2											49075
SDA	1.09	342.0	AM1	06:02:53.340								0.4	0.46	a	M1	2.5
SRN	1.14	178.0	Sg	06:02:50.048	-0.2											49078

SRN	1.14	178.0	Pg	06:02:33.702	0.0	---											m		49077
SRN	1.14	178.0	AMl	06:02:53.260		---											a	Ml	22455
KEK	1.31	186.0	Pg	06:02:35.094	-1.2	---											m		49079
PDG	1.50	341.0	Pn	06:02:40.005	0.2	---											m		49080
IGT	1.51	168.0	Sg	06:03:01.143	-0.1	---											m		49082
IGT	1.51	168.0	Pg	06:02:41.181	1.2	---											m		49081
IGT	1.51	168.0	AMl	06:03:10.610		---											a	Ml	22456
THL	2.14	131.0	Pn	06:02:48.444	-1.8	---											m		49083

DATA_TYPE COMMENT GSE2.1
Event 3990

Official Magnitude:
Ml 2.56

Error ellipse:

	Azim	Dip	Mag
Max:	26	80	1.4000
Intermediate:	257	5	0.7500
Min:	166	8	0.3100

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054771 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3991 0.4 km from ThanË, Elbasan, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/13	06:03:23.34		0.39	41.0200	19.9472				13.4	2.8	10	36	155	0.33	1.52	m	
4109																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.3	0.0	5	4109

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
SDA	0.00	0.0	Pg	06:03:44.627	0.0											49097
SDA	1.08	342.0	Sg	06:04:01.921	2.1											49090
SDA	1.08	342.0	AMl	06:04:02.580								0.3	0.38	a	Ml	22460
TIR	0.33	350.0	Sg	06:03:35.327	-0.0											49085
TIR	0.33	350.0	Pg	06:03:30.424	0.2											49084
TIR	0.33	350.0	AMl	06:03:38.880								1.6	0.18	a	Ml	22457
KBN	0.75	121.0	Sg	06:03:50.938	2.7											49087
KBN	0.75	121.0	Pg	06:03:37.854	0.3											49086
KBN	0.75	121.0	AMl	06:03:51.940								0.8	0.44	a	Ml	22458
PHP	0.76	29.0	S	06:03:48.716	-0.2											49089
PHP	0.76	29.0	Pg	06:03:37.922	-0.0											49088

PHP	0.76	29.0	AMl	06:03:57.990	---	0.8	0.28	a	Ml	2.5	22459
SRN	1.14	177.0	Sg	06:04:02.919	0.7	---		m			49092
SRN	1.14	177.0	Pg	06:03:45.310	-0.2	---		m			49091
SRN	1.14	177.0	AMl	06:04:04.980		---	0.3	0.60	a	Ml	2.3
KEK	1.31	186.0	Pg	06:03:47.409	-0.8	---		m			49093
PDG	1.50	341.0	Pn	06:03:51.797	0.3	---		m			49094
IGT	1.52	168.0	Sg	06:04:12.970	-0.2	---		m			49096
IGT	1.52	168.0	Pg	06:03:53.746	1.9	---		m			49095

DATA_TYPE COMMENT GSE2.1
Event 3991

Official Magnitude:
Ml 2.33

Error ellipse:

	Azim	Dip	Mag
Max:	303	70	3.0000
Intermediate:	85	15	1.4300
Min:	178	12	0.4900

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054771 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3992 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/13	18:56:17.58		0.09	41.4923	19.5605				7.0	7.4	4	4	234	0.27	0.69	m	
4110																	

Magnitude	Err	Nsta	Author	OrigID
Ml	1.6	0.0	3	4110

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.27	122.0	Sg	18:56:28.010	0.8									m		49099
TIR	0.27	122.0	Pg	18:56:23.177	0.1									m		49098
TIR	0.27	122.0	AMl	18:56:27.770								0.5	0.14	a	Ml	1.7
SDA	0.55	0.0	Pg	18:56:28.566	0.0									m		49103
SDA	0.56	356.0	Sg	18:56:36.976	0.1									m		49100
SDA	0.56	356.0	AMl	18:56:40.600								0.0	0.26	a	Ml	0.9
PHP	0.69	73.0	S	18:56:40.747	0.1									m		49102
PHP	0.69	73.0	Pg	18:56:30.631	-0.2									m		49101
PHP	0.69	73.0	AMl	18:56:45.590								0.1	0.54	a	Ml	1.6

DATA_TYPE COMMENT GSE2.1

Event 3992

Official Magnitude:

Ml 1.59

Error ellipse:

	Azim	Dip	Mag
Max:	242	88	7.3900
Intermediate:	57	1	0.5900
Min:	147	0	0.2900

BEGIN GSE2.1

MSG_TYPE DATA

MSG_ID 1602054771 athena

DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3994 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/15	01:23:23.47		0.05	41.4960	19.7788				6.7	4.3	4	5	184	0.16	0.59	m	
4112																	

Magnitude	Err	Nsta	Author	OrigID
Ml 1.3	0.0	3		4112

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.16	0.0	Pg	01:23:26.334	0.0					---				m		49126
TIR	0.16	156.0	S	01:23:29.494	-0.0					---				m		49121
TIR	0.16	156.0	AMl	01:23:29.938						---		0.3	0.54	a	Ml 1.3	22469
PHP	0.53	69.0	Sg	01:23:41.338	0.0					---				m		49123
PHP	0.53	69.0	Pg	01:23:33.402	-0.3					---				m		49122
PHP	0.53	69.0	AMl	01:23:42.938						---		0.1	0.24	a	Ml 1.4	22470
SDA	0.59	340.0	S	01:23:43.837	-0.1					---				m		49125
SDA	0.59	340.0	P	01:23:35.228	0.1					---				m		49124
SDA	0.59	340.0	AMl	01:23:45.148						---		0.1	0.16	a	Ml 1.3	22471

DATA_TYPE COMMENT GSE2.1

Event 3994

Official Magnitude:

Ml 1.32

Error ellipse:

	Azim	Dip	Mag
Max:	199	87	4.3100
Intermediate:	63	1	0.2200
Min:	333	2	0.1200

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1602054771 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3995 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/15	11:35:45.31		0.18	41.8255	19.7628				25.5	1.2	9	37	149	0.30	2.33	m	

OrigID 4113

Magnitude	Err	Nsta	Author	OrigID
M1	3.1	0.0	4	4113

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
SDA	0.30	319.0	Sg	11:35:57.701	0.2									m		49128
SDA	0.30	319.0	Pg	11:35:52.464	0.2									m		49127
SDA	0.30	319.0	AM1	11:35:59.318								8.2	0.26	a	M1	3.0
SDA	0.30	319.0	AM1	11:35:58.808								9.1	0.28	a	M1	3.1
TIR	0.48	170.0	Sg	11:36:02.703	-0.1									m		49130
TIR	0.48	170.0	Pg	11:35:55.063	-0.2									m		49129
TIR	0.48	170.0	AM1	11:36:05.388								6.4	0.46	a	M1	3.1
PHP	0.52	0.0	Pg	11:35:55.324	0.0									m		49138
PHP	0.53	105.0	Sg	11:36:03.487	-0.1									m		49131
PHP	0.53	105.0	AM1	11:36:04.898								9.7	0.42	a	M1	3.3
PDG	0.71	329.0	Sg	11:36:09.553	-0.1									m		49133
PDG	0.71	329.0	Pg	11:35:59.048	-0.2									m		49132
KBN	1.43	146.0	Sn	11:36:31.352	0.3									m		49135
KBN	1.43	146.0	Pn	11:36:11.434	0.0									m		49134
KBN	1.43	146.0	AM1	11:36:39.618								1.2	0.66	a	M1	3.2
SRN	1.95	174.0	Pn	11:36:17.710	-2.7									m		49136
IGT	2.33	169.0	Pn	11:36:23.317	-2.3									m		49137

DATA_TYPE COMMENT GSE2.1
 Event 3995

Official Magnitude:
 M1 3.08

Error ellipse:

	Azim	Dip	Mag
Max:	293	80	1.1800
Intermediate:	54	5	0.8100
Min:	145	9	0.2800

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1602054770 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3997 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/16	04:04:51.18		0.94	40.0162	19.8828				12.5	3.2	19	38	98	0.16	3.57	m	
4115																	

Magnitude	Err	Nsta	Author	OrigID
M1	2.7	0.0	4	4115

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
SRN	0.16	146.0	Sg	04:04:58.636	0.2											49146
SRN	0.16	146.0	Pg	04:04:54.554	-0.8											49145
SRN	0.16	146.0	AM1	04:04:59.120								2.5	0.22	a	M1	2.3
KEK	0.31	193.0	Sg	04:05:02.963	0.6											49150
KEK	0.31	193.0	Pg	04:04:55.982	-1.6											49149
KEK	0.31	193.0	Sg	04:05:03.082	0.7											49148
KEK	0.31	193.0	Pg	04:04:56.036	-1.6											49147
VLO	0.54	327.0	Sg	04:05:10.475	1.7											49152
VLO	0.54	327.0	Pg	04:05:01.014	-0.2											49151
VLO	0.54	327.0	AM1	04:05:13.670								5.1	0.32	a	M1	3.0
IGT	0.59	144.0	Sg	04:05:13.433	1.7											49154
IGT	0.59	144.0	Pg	04:05:02.711	-0.2											49153
KBN	0.92	48.0	Sg	04:05:22.871	1.2											49156
KBN	0.92	48.0	Pg	04:05:07.916	-0.7											49155
LKD2	1.36	153.0	Sn	04:05:39.623	3.2											49158
LKD2	1.36	153.0	Pn	04:05:18.561	1.5											49157
THL	1.70	104.0	Sn	04:05:46.586	-0.4											49160
THL	1.70	104.0	Pn	04:05:22.017	-1.0											49159
PHP	1.72	14.0	Sn	04:05:46.358	-0.6											49162
PHP	1.72	14.0	Pn	04:05:23.622	0.6											49161
PHP	1.72	14.0	AM1	04:05:55.850								0.1	0.92	a	M1	2.4
NOCI	2.29	291.0	Sn	04:06:03.363	0.6											49164
NOCI	2.29	291.0	Pn	04:05:31.564	-0.5											49163
NOCI	2.29	291.0	AM1	04:06:09.410								0.3	0.16	a	M1	3.1
SGRT	3.57	301.0	Sn	04:06:26.962	-8.9											49166
SGRT	3.57	301.0	Pn	04:05:45.916	-5.1											49165

DATA_TYPE COMMENT GSE2.1
 Event 3997

Official Magnitude:
 M1 2.69

Error ellipse:

	Azim	Dip	Mag
Max:	201	72	3.3700
Intermediate:	91	6	1.5700
Min:	359	17	1.0500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054770 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3998 0.8 km from Qazim Pali, Vlorë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/16	19:02:03.78		0.12	40.0322	19.8617				3.1	0.5	7	38	314	0.19	1.39	m	
4116																	

Magnitude	Err	Nsta	Author	OrigID
M1	1.0	0.0	2	4116

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
SRN	0.19	144.0	Sg	19:02:11.410	-0.1									m		49168	
SRN	0.19	144.0	Pg	19:02:08.372	0.2									m		49167	
SRN	0.19	144.0	AM1	19:02:12.888								0.1	0.18	a	M1	1.0	22485
KEK	0.32	190.0	Sg	19:02:15.707	0.1									m		49170	
KEK	0.32	190.0	Pg	19:02:10.435	-0.1									m		49169	
IGT	0.62	144.0	Sg	19:02:24.163	-1.3									m		49172	
IGT	0.62	144.0	Pg	19:02:16.057	-0.1									m		49171	
IGT	0.62	144.0	AM1	19:02:30.038								0.0	0.18	a	M1	1.0	22486
LKD2	1.39	153.0	Pg	19:02:31.164	0.4									m		49174	
LKD2	1.39	153.0	Sg	19:02:51.051	0.0									m		49173	

DATA_TYPE COMMENT GSE2.1
Event 3998

Official Magnitude:
M1 1.02

Error ellipse:

	Azim	Dip	Mag
Max:	32	33	0.8500
Intermediate:	141	25	0.6900
Min:	260	46	0.4200

BEGIN GSE2.1

MSG_TYPE DATA
MSG_ID 1602054770 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3999 1.1 km from Qazim Pali, Vlorë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/17	00:57:05.65		0.33	40.0320	19.8542				2.0	1.6	10	8	175	0.19	1.39	m	

OrigID 4117

Magnitude	Err	Nsta	Author	OrigID
Ml 1.9	0.0	4		4117

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
SRN	0.19	143.0	Sg	00:57:13.921	0.5									m		49176
SRN	0.19	143.0	Pg	00:57:09.598	-0.5									mc		49175
SRN	0.19	143.0	AM1	00:57:15.600								0.9	0.40	a	M1	1.8
KEK	0.32	188.0	Sg	00:57:17.745	0.1									m		49180
KEK	0.32	188.0	Pg	00:57:11.094	-1.4									m		49179
KEK	0.32	188.0	Sg	00:57:17.861	0.2									m		49178
KEK	0.32	188.0	Pg	00:57:11.078	-1.4									m		49177
VLO	0.52	328.0	Sg	00:57:23.028	0.1									m		49182
VLO	0.52	328.0	Pg	00:57:15.351	-0.2									m		49181
VLO	0.52	328.0	AM1	00:57:27.360								0.6	0.18	a	M1	2.0
IGT	0.62	143.0	Sg	00:57:27.635	0.0									m		49184
IGT	0.62	143.0	Pg	00:57:17.700	-0.5									m		49183
IGT	0.62	143.0	AM1	00:57:30.900								0.1	0.76	a	M1	1.4
LKD2	1.39	153.0	Sg	00:57:53.352	0.2									m		49186
LKD2	1.39	153.0	Pg	00:57:33.442	0.6									m		49185
LKD2	1.39	153.0	AM1	00:58:01.450								0.2	0.88	a	M1	2.3

DATA_TYPE COMMENT GSE2.1
Event 3999

Official Magnitude:
Ml 1.92

Error ellipse:

	Azim	Dip	Mag
Max:	68	52	1.9800
Intermediate:	239	37	1.0700
Min:	332	4	0.5000

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054770 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4000 3.3 km from Vajkal-Bulqizë, Dibër, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/17	20:45:47.16		0.11	41.5335	20.2125				10.6	1.1	6	38	187	0.22	1.14	m	
4118																	

Magnitude	Err	Nsta	Author	OrigID
Ml	1.6	0.0	3	4118

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
PHP	0.23	0.0	Pg	20:45:51.360	0.0									m		49194	
PHP	0.23	48.0	Sg	20:45:55.088	0.0									m		49187	
PHP	0.23	48.0	AMl	20:45:56.938								0.7	0.18	a	Ml	1.8	22491
TIR	0.32	235.0	Pg	20:45:53.619	-0.1									m		49189	
TIR	0.32	235.0	Sg	20:45:58.677	0.1									m		49188	
TIR	0.32	235.0	AMl	20:46:00.798								0.2	0.28	a	Ml	1.2	22492
SDA	0.74	315.0	Sg	20:46:12.707	0.0									m		49191	
SDA	0.74	315.0	Pg	20:46:01.096	-0.7									m		49190	
SDA	0.74	315.0	AMl	20:46:14.938								0.1	0.16	a	Ml	1.6	22493
PDG	1.14	322.0	Pg	20:46:09.256	0.0									m		49193	
PDG	1.14	322.0	Sg	20:46:27.244	1.5									m		49192	

DATA_TYPE COMMENT GSE2.1
Event 4000

Official Magnitude:
Ml 1.57

Error ellipse:

	Azim	Dip	Mag
Max:	131	77	1.1200
Intermediate:	318	12	0.3800
Min:	228	2	0.2200

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054770 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4001 4.5 km from Qaf-Dardhë, Dibër, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/17	20:45:47.30		0.03	41.5620	20.1922				7.0	2.4	7	5	174	0.22	1.11	m	
4119																	

Magnitude Err Nsta Author OrigID
M1 1.4 0.0 3 4119

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
PHP	0.22	0.0	P	20:45:51.429	0.0									m		49202
PHP	0.22	56.0	S	20:45:54.862	-0.0									m		49195
PHP	0.22	56.0	AM1	20:45:56.940								0.7	0.18	a	M1	1.8
TIR	0.33	230.0	S	20:45:58.827	0.0									m		49197
TIR	0.33	230.0	P	20:45:53.885	0.0									m		49196
TIR	0.33	230.0	AM1	20:46:00.800								0.1	0.34	a	M1	1.1
TIR	0.33	230.0	AM1	20:46:00.800								0.2	0.28	a	M1	1.2
SDA	0.71	314.0	S	20:46:11.793	0.0									m		49199
SDA	0.71	314.0	P	20:46:01.235	-0.0									m		49198
SDA	0.71	314.0	AM1	20:46:14.940								0.1	0.16	a	M1	1.5
SDA	0.71	314.0	AM1	20:46:14.130								0.1	0.42	a	M1	1.4
PDG	1.11	322.0	S	20:46:25.025	-0.0									m		49201
PDG	1.11	322.0	P	20:46:08.906	0.0									m		49200

DATA_TYPE COMMENT GSE2.1
Event 4001

Official Magnitude:
M1 1.38

Error ellipse:

	Azim	Dip	Mag
Max:	124	87	2.3600
Intermediate:	281	2	0.1500
Min:	11	1	0.0800

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054770 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4002 0.7 km from Gërdec, Tirana, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/18	02:28:13.87		0.49	41.4237	19.6287				25.3	1.7	16	38	158	0.19	1.96	m	4120

Magnitude Err Nsta Author OrigID
M1 2.3 0.0 4 4120

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.19	113.0	Sg	02:28:22.732	-0.6									m		49204
TIR	0.19	113.0	Pg	02:28:18.900	-0.4									m		49203

TIR	0.19	113.0	AM1	02:28:22.318	
TIR	0.19	113.0	AM1	02:28:22.018	
SDA	0.63	352.0	Sg	02:28:35.381	-0.5
SDA	0.63	352.0	Pg	02:28:26.000	-0.5
SDA	0.63	352.0	AM1	02:28:41.188	
PHP	0.66	66.0	Sg	02:28:36.214	-0.1
PHP	0.66	66.0	Pg	02:28:26.330	-0.3
PHP	0.66	66.0	AM1	02:28:39.768	
VLO	0.96	187.0	Sg	02:28:49.745	5.1
VLO	0.96	187.0	Pg	02:28:31.280	-0.2
VLO	0.96	187.0	AM1	02:28:52.378	
PDG	1.04	345.0	Sg	02:28:48.711	0.2
PDG	1.04	345.0	Pg	02:28:34.615	1.0
KBN	1.19	131.0	Pg	02:28:36.161	0.4
KBN	1.19	131.0	Sg	02:28:53.321	1.2
SRN	1.57	169.0	Sn	02:29:04.538	-0.5
KEK	1.71	175.0	Sn	02:29:08.515	0.1
KEK	1.71	175.0	Pn	02:28:45.505	0.5
IGT	1.96	163.0	Sg	02:29:14.122	-0.8
IGT	1.96	163.0	Pn	02:28:49.293	0.5

2.2	0.20	a	M1	2.4	22500
2.4	0.22	a	M1	2.4	22499
		m			49206
		m			49205
0.1	0.28	a	M1	1.6	22501
		m			49208
		m			49207
0.4	0.26	a	M1	2.2	22502
		m			49210
		m			49209
0.3	0.24	a	M1	2.3	22503
		m			49212
		m			49211
		m			49214
		m			49213
		m			49215
		m			49217
		m			49216
		m			49219
		m			49218

DATA_TYPE COMMENT GSE2.1
Event 4002

Official Magnitude:
M1 2.32

Error ellipse:

	Azim	Dip	Mag
Max:	64	49	2.2300
Intermediate:	278	35	1.1800
Min:	175	17	0.6700

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054770 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4003 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/18	20:30:34.17		0.51	41.4863	19.7017				17.2	2.1	11	8	152	0.19	1.62	m	
4121																	

Magnitude	Err	Nsta	Author	OrigID
M1	3.1	0.0	4	4121

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.21	0.0	Pg	20:30:39.003	0.0					___				m		49233
TIR	0.19	138.0	Sg	20:30:41.685	-0.4					___				m		49220
TIR	0.19	138.0	AM1	20:30:42.100						___		61.1	0.20	a	M1	3.8
SDA	0.58	345.0	Sg	20:30:55.113	0.6					___				m		49222
SDA	0.58	345.0	P	20:30:45.814	0.0					___				m		49221
SDA	0.58	345.0	AM1	20:30:59.790						___		1.9	0.36	a	M1	2.7
PHP	0.59	70.0	Sg	20:30:54.548	0.4					___				m		49224
PHP	0.59	70.0	P	20:30:45.622	0.0					___				m		49223
PHP	0.59	70.0	AM1	20:30:56.380						___		6.2	0.16	a	M1	3.2
PDG	1.00	341.0	Sg	20:31:07.300	-0.3					___				m		49226
PDG	1.00	341.0	Pg	20:30:52.708	-0.6					___				m		49225
VLO	1.03	189.0	Sg	20:31:08.417	1.1					___				m		49228
VLO	1.03	189.0	Pg	20:30:55.942	2.8					___				m		49227
VLO	1.03	189.0	AM1	20:31:14.630						___		1.6	0.36	a	M1	3.0
KBN	1.19	136.0	Sg	20:31:15.202	2.4					___				m		49230
KBN	1.19	136.0	Pg	20:30:58.326	2.1					___				m		49229
SRN	1.62	171.0	Sg	20:31:27.284	-0.3					___				m		49232
SRN	1.62	171.0	Pg	20:31:04.173	-0.5					___				m		49231

DATA_TYPE COMMENT GSE2.1
Event 4003

Official Magnitude:
M1 3.10

Error ellipse:

	Azim	Dip	Mag
Max:	77	61	2.4500
Intermediate:	258	28	1.1000
Min:	348	0	0.6500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054770 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4006 1.6 km from Gjilotë, Dibër, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/19	04:29:45.16		0.31	41.7177	20.2572				12.5	1.3	11	7	148	0.14	1.85	m	
4124																	

Magnitude	Err	Nsta	Author	OrigID
M1	2.7	0.0	4	4124

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

PHP	0.14	103.0	S	04:29:50.307	-0.3	---	m	49252
PHP	0.14	103.0	P	04:29:48.259	0.0	---	m	49251
PHP	0.14	103.0	AM1	04:29:52.018		---	11.9 0.36 a M1 2.9	22510
TIR	0.47	0.0	P	04:29:53.525	0.0	---	m	49264
TIR	0.47	219.0	S	04:30:01.543	-0.2	---	m	49253
TIR	0.47	219.0	AM1	04:30:03.678		---	2.3 0.46 a M1 2.6	22511
SDA	0.66	301.0	S	04:30:07.828	-0.0	---	m	49255
SDA	0.66	301.0	P	04:29:58.581	0.4	---	m	49254
SDA	0.66	301.0	AM1	04:30:24.798		---	1.0 0.90 a M1 2.5	22512
PDG	1.03	315.0	S	04:30:21.252	1.3	---	m	49257
PDG	1.03	315.0	P	04:30:04.783	-0.3	---	m	49256
KBN	1.16	159.0	S	04:30:23.632	0.2	---	m	49259
KBN	1.16	159.0	P	04:30:07.314	0.3	---	m	49258
KBN	1.16	159.0	AM1	04:30:29.838		---	0.7 0.72 a M1 2.8	22513
VLO	1.37	206.0	S	04:30:29.347	-0.2	---	m	49261
VLO	1.37	206.0	P	04:30:12.209	1.7	---	m	49260
SRN	1.85	187.0	S	04:30:46.693	0.8	---	m	49263
SRN	1.85	187.0	P	04:30:19.452	-0.4	---	m	49262

DATA_TYPE COMMENT GSE2.1
Event 4006

Official Magnitude:
M1 2.66

Error ellipse:

	Azim	Dip	Mag
Max:	43	58	1.5400
Intermediate:	227	30	0.7400
Min:	136	2	0.5700

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054770 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4009 2.5 km from Nikolicë, Korçë, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/21	00:30:22.63		0.36	40.4710	20.7772				16.8	1.0	16	38	182	0.15	2.84	m	
4127																	

Magnitude	Err	Nsta	Author	OrigID
M1	2.9	0.0	5	4127

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
KBN	0.15	2.0	Sg	00:30:28.733	-0.0											49286

Run	Time (min)	Flow Rate (L/min)	Sample	Concentration (mg/L)	Yield (%)	Yield (g)
1	22.2	0.32	mc	M1	3.3	49285
2			a			22519
3			m			49288
4			m			49287
5			m			49290
6			m			49289
7	2.6	0.32	a	M1	3.2	22520
8			m			49292
9			m			49291
10			m			49294
11			m			49293
12			m			49296
13			m			49295
14	0.3	0.44	a	M1	2.3	22521
15			m			49298
16			m			49297
17	0.9	0.38	a	M1	2.9	22522
18			m			49300
19			m			49299
20	0.3	0.56	a	M1	2.8	22523
21			m			49302
22			m			49301
23			m			49303

Magnitude Err Nsta Author OrigID
M1 3.0 0.0 4 4128

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
KBN	0.15	10.0	Sg	01:21:22.103	-0.1											49305	
KBN	0.15	10.0	Pg	01:21:19.926	0.3											49304	
KBN	0.15	10.0	AM1	01:21:23.040								25.8	0.42	a__	M1	3.3	22524
SRN	0.83	225.0	Sg	01:21:45.415	0.2											49307	
SRN	0.83	225.0	Pg	01:21:32.315	-0.5											49306	
VLO	0.96	270.0	Sg	01:21:53.332	5.9											49309	
VLO	0.96	270.0	Pg	01:21:36.852	2.8											49308	
VLO	0.96	270.0	AM1	01:21:56.730								2.6	0.30	a__	M1	3.2	22525
IGT	1.00	200.0	Sg	01:21:50.287	0.4											49311	
IGT	1.00	200.0	Pg	01:21:35.522	0.0											49310	
KEK	1.06	225.0	Sg	01:21:51.747	0.0											49315	
KEK	1.06	225.0	Pg	01:21:34.823	-1.7											49314	
KEK	1.06	225.0	Sg	01:21:52.234	0.5											49313	
KEK	1.06	225.0	Pg	01:21:34.818	-1.7											49312	
TIR	1.10	323.0	Sg	01:21:53.030	0.0											49317	
TIR	1.10	323.0	Pg	01:21:37.667	0.4											49316	
TIR	1.10	323.0	AM1	01:22:01.990								0.3	0.68	a__	M1	2.4	22526
PHP	1.23	350.0	Sg	01:21:56.872	0.3											49319	
PHP	1.23	350.0	Pg	01:21:39.077	-0.2											49318	
PHP	1.23	350.0	AM1	01:22:00.850								0.8	0.42	a__	M1	2.9	22527
LKD2	1.69	183.0	Pn	01:21:48.629	0.9											49320	
PDG	2.25	331.0	Sn	01:22:26.141	-0.2											49322	
PDG	2.25	331.0	Pn	01:21:56.454	0.2											49321	
NOCI	2.82	278.0	Pn	01:22:02.645	-2.1											49323	
ITM	3.42	164.0	Pn	01:22:13.071	-0.4											49324	
SGRT	3.98	291.0	Pn	01:22:18.730	-3.1											49325	

DATA_TYPE COMMENT GSE2.1
Event 4010

Official Magnitude:
M1 3.03

Error ellipse:

	Azim	Dip	Mag
Max:	98	30	1.7300
Intermediate:	292	58	1.1400
Min:	192	6	0.5600

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054769 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4012 2.0 km from Rrotull, Durrës, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/22	00:01:26.83		0.22	41.5195	19.5287				30.5	1.4	8	11	186	0.31	2.08	m	
4130																	

Magnitude	Err	Nsta	Author	OrigID
M1	1.6	0.0	3	4130

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.31	124.0	Sg	00:01:38.673	-1.3									m		49337
TIR	0.31	124.0	Pg	00:01:34.481	0.2									mc		49336
TIR	0.31	124.0	AM1	00:01:40.120								0.3	0.26	a	M1	1.6
TIR	0.31	124.0	AM1	00:01:38.990								0.3	0.14	a	M1	1.7
SDA	0.53	358.0	Sg	00:01:46.006	-0.1									m		49339
SDA	0.53	358.0	Pg	00:01:37.566	-0.3									mc		49338
SDA	0.53	358.0	AM1	00:01:49.160								0.1	0.32	a	M1	1.3
PHP	0.72	0.0	Pg	00:01:40.471	0.0									m		49347
PHP	0.70	76.0	Sg	00:01:50.740	0.0									m		49340
PHP	0.70	76.0	AM1	00:01:51.400								0.2	0.14	a	M1	1.9
PDG	0.93	348.0	Sg	00:01:58.402	0.3									m		49342
PDG	0.93	348.0	Pg	00:01:44.922	0.2									m		49341
KEK	1.82	173.0	S	00:02:22.165	-1.1									m		49344
KEK	1.82	173.0	Pn	00:01:57.781	-1.3									m		49343
IGT	2.08	162.0	Sn	00:02:30.174	0.2									m		49346
IGT	2.08	162.0	Pn	00:02:02.551	-0.4									m		49345

DATA_TYPE COMMENT GSE2.1
Event 4012

Official Magnitude:
M1 1.60

Error ellipse:

	Azim	Dip	Mag
Max:	47	63	1.5300
Intermediate:	252	24	0.7900
Min:	157	10	0.4200

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054769 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4013 1.1 km from Vorë, Tirana, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/22	01:24:34.56		0.10	41.4005	19.6572				18.9	0.4	8	10	169	0.16	1.69	m	
4131																	

Magnitude	Err	Nsta	Author	OrigID
Ml	1.6	0.0	3	4131

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
PHP	0.00	0.0	Pg	01:24:47.100	0.0					---					mc_	49357
PHP	0.65	63.0	Sg	01:24:56.641	0.0					---					m_	49350
PHP	0.65	63.0	AMl	01:25:00.010						---		0.1	0.28	a_	Ml	1.6
TIR	0.17	108.0	Sg	01:24:41.982	-0.2					---					m_	49349
TIR	0.17	108.0	Pg	01:24:39.072	0.1					---					mc_	49348
TIR	0.17	108.0	AMl	01:24:42.790						---		0.8	0.30	a_	Ml	1.9
TIR	0.17	108.0	AMl	01:24:42.600						---		0.5	0.16	a_	Ml	1.7
SDA	0.66	350.0	Sg	01:24:57.402	0.0					---					m_	49352
SDA	0.66	350.0	Pg	01:24:47.533	-0.1					---					m_	49351
SDA	0.66	350.0	AMl	01:25:01.480						---		0.0	0.26	a_	Ml	1.0
PDG	1.07	345.0	Sg	01:25:10.058	-0.0					---					m_	49354
PDG	1.07	345.0	Pg	01:24:53.975	-0.9					---					m_	49353
KEK	1.69	176.0	Sn	01:25:29.322	0.0					---					m_	49356
KEK	1.69	176.0	Pn	01:25:05.561	-0.3					---					m_	49355

DATA_TYPE COMMENT GSE2.1
Event 4013

Official Magnitude:
Ml 1.62

Error ellipse:

	Azim	Dip	Mag
Max:	96	58	0.4300
Intermediate:	251	28	0.2800
Min:	347	11	0.1700

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054769 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4014 0.6 km from Marqinet, Tirana, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/22	01:38:38.79		0.12	41.3982	19.6462				16.5	0.7	8	10	169	0.17	1.69	m	
4132																	

Magnitude Err Nsta Author OrigID
Ml 1.5 0.0 3 4132

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
PHP	0.00	0.0	Pg	01:38:51.262	0.0											49367
PHP	0.66	64.0	Sg	01:39:01.065	-0.1											49362
PHP	0.66	64.0	AMl	01:39:03.320								0.1	0.14	a	Ml	1.5
TIR	0.17	106.0	Sg	01:38:46.271	0.1											49359
TIR	0.17	106.0	Pg	01:38:43.591	0.6											49358
TIR	0.17	106.0	AMl	01:38:47.150								0.6	0.32	a	Ml	1.7
TIR	0.17	106.0	AMl	01:38:46.950								0.4	0.20	a	Ml	1.6
SDA	0.66	351.0	Sg	01:39:01.593	-0.0											49361
SDA	0.66	351.0	Pg	01:38:51.740	-0.1											49360
SDA	0.66	351.0	AMl	01:39:02.050								0.1	0.72	a	Ml	1.4
PDG	1.07	345.0	Sg	01:39:14.698	0.2											49364
PDG	1.07	345.0	Pg	01:38:58.946	-0.3											49363
KEK	1.69	176.0	Sn	01:39:33.684	-0.0											49366
KEK	1.69	176.0	Pn	01:39:07.690	-2.5											49365

DATA_TYPE COMMENT GSE2.1
Event 4014

Official Magnitude:
Ml 1.52

Error ellipse:

	Azim	Dip	Mag
Max:	78	58	0.7900
Intermediate:	243	31	0.3100
Min:	337	7	0.2000

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054769 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4015 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/22	03:12:16.54		0.04	40.6028	20.5152				7.0	2.8	6	6	235	0.21	1.08	m	

OrigID 4133

Magnitude Err Nsta Author OrigID
Ml 1.9 0.0 1 4133

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
KBN	0.21	84.0	Sg	03:12:23.306	0.0											49369

KBN	0.21	84.0	Pg	03:12:20.420	0.0	_____											mc_	49368
KBN	0.21	84.0	AMl	03:12:24.010		_____											a_ Ml	22541
SRN	0.82	209.0	Sg	03:12:45.278	-0.0	_____											m_	49371
SRN	0.82	209.0	Pg	03:12:33.046	0.1	_____											m_	49370
KEK	1.05	213.0	Pg	03:12:36.122	-0.8	_____											m_	49372
IGT	1.08	188.0	Sg	03:12:53.267	0.0	_____											m_	49374
IGT	1.08	188.0	Pg	03:12:37.457	-0.1	_____											m_	49373

DATA_TYPE COMMENT GSE2.1
Event 4015

Official Magnitude:
Ml 1.94

Error ellipse:

	Azim	Dip	Mag
Max:	83	87	2.8200
Intermediate:	321	1	0.3300
Min:	231	3	0.0700

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054769 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4017 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/22	05:26:46.24		0.91	39.9787	19.3273				29.1	3.0	15	37	111	0.45	3.23	m	
4135																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.7	0.0	5	4135

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
KEK	0.45	126.0	Sg	05:27:03.818	0.8											m_	49385
KEK	0.45	126.0	Pg	05:26:54.575	-1.3											md_	49384
VLO	0.51	14.0	Sg	05:27:03.559	0.1											m_	49387
VLO	0.51	14.0	Pg	05:26:59.669	3.6											m_	49386
VLO	0.51	14.0	AMl	05:27:08.910								3.5	0.14	a_ Ml	2.9		22544
SRN	0.53	100.0	Sg	05:27:06.115	0.2											m_	49389
SRN	0.53	100.0	Pg	05:26:56.463	-1.0											md_	49388
SRN	0.53	100.0	AMl	05:27:10.320								0.2	0.18	a_ Ml	1.7		22545
IGT	0.89	119.0	Sg	05:27:20.127	3.8											m_	49391
IGT	0.89	119.0	Pg	05:27:05.750	2.3											m_	49390
LKD2	1.57	138.0	Sg	05:27:35.817	-0.7											m_	49393
LKD2	1.57	138.0	Pg	05:27:15.825	0.9											m_	49392

PHP	1.90	0.0	Pn	05:27:20.767	0.0	---	m	---	49401
PHP	1.90	26.0	Sn	05:27:44.548	-0.1	---	m	---	49394
PHP	1.90	26.0	AMl	05:27:49.480		---	0.1	0.42 a Ml 2.4	22546
NOCI	1.91	296.0	Sn	05:27:44.857	-0.4	---	m	---	49396
NOCI	1.91	296.0	Pn	05:27:21.404	1.4	---	m	---	49395
NOCI	1.91	296.0	AMl	05:27:48.380		---	1.1	0.24 a Ml 3.5	22547
SDA	2.07	3.0	Sn	05:27:49.192	-0.4	---	m	---	49398
SDA	2.07	3.0	Pn	05:27:24.394	2.0	---	m	---	49397
SDA	2.07	3.0	AMl	05:27:56.380		---	0.1	0.44 a Ml 2.7	22548
TIP	2.14	249.0	Pn	05:27:22.066	-1.3	---	m	---	49399
SGRT	3.23	305.0	Pn	05:27:39.856	0.4	---	m	---	49400

DATA_TYPE COMMENT GSE2.1
Event 4017

Official Magnitude:
Ml 2.70

Error ellipse:

	Azim	Dip	Mag
Max:	104	60	3.4100
Intermediate:	216	11	2.1700
Min:	312	27	1.2500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054769 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4018 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/22	08:22:28.36		0.81	39.6177	20.2358				25.0	3.0	10	7	147	0.12	2.07	m	
4136																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.6	0.0	1	4136

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
IGT	0.11	139.0	Sg	08:22:34.014	-2.2					---				m		49403
IGT	0.11	139.0	Pg	08:22:30.854	-2.0					---				m		49402
SRN	0.32	326.0	Sg	08:22:41.190	-0.5					---				m		49405
SRN	0.32	326.0	P	08:22:34.793	-1.2					---				m		49404
KEK	0.35	286.0	Sg	08:22:41.336	-0.6					---				m		49407
KEK	0.35	286.0	Pg	08:22:35.049	-1.1					---				m		49406
KBN	1.09	22.0	S	08:23:04.291	0.7					---				m		49409
KBN	1.09	22.0	Pg	08:22:49.377	0.9					---				m		49408

PHP	2.07	4.0	S	08:23:31.601	-0.1	---									m		49411
PHP	2.07	4.0	Pn	08:23:04.019	-0.5	---									m		49410
PHP	2.07	4.0	AMl	08:23:38.950		---					0.1	0.66	a	Ml		2.6	22549

DATA_TYPE COMMENT GSE2.1
Event 4018

Official Magnitude:
Ml 2.56

Error ellipse:

	Azim	Dip	Mag
Max:	321	17	4.1500
Intermediate:	208	50	3.8700
Min:	63	34	1.7000

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054769 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4020 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/22	19:34:36.56		0.11	41.8630	20.0933				2.0	1.5	6	6	171	0.31	0.84	m	
4138																	

Magnitude	Err	Nsta	Author	OrigID
Ml	1.8	0.0	3	4138

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
PHP	0.31	124.0	S	19:34:47.987	0.2					---					m	49419
PHP	0.31	124.0	P	19:34:42.932	-0.1					---					m	49418
PHP	0.31	124.0	AMl	19:34:48.610						---		4.6	0.22	a	Ml	2.7
SDA	0.48	294.0	S	19:34:54.184	0.2					---					m	49421
SDA	0.48	294.0	P	19:34:46.571	0.1					---					m	49420
SDA	0.48	294.0	AMl	19:34:55.530						---		0.3	0.18	a	Ml	1.8
SDA	0.48	294.0	AMl	19:34:56.280						---		0.5	0.18	a	Ml	1.9
TIR	0.55	0.0	P	19:34:47.831	0.0					---					m	49425
TIR	0.54	199.0	S	19:34:55.838	-0.1					---					m	49422
TIR	0.54	199.0	AMl	19:34:56.980						---		0.2	0.34	a	Ml	1.7
TIR	0.54	199.0	AMl	19:34:56.950						---		0.3	0.32	a	Ml	1.8
PDG	0.84	313.0	S	19:35:06.021	0.2					---					m	49424
PDG	0.84	313.0	P	19:34:52.467	-0.8					---					m	49423

DATA_TYPE COMMENT GSE2.1
Event 4020

Official Magnitude:

Ml 1.82

Error ellipse:

	Azim	Dip	Mag
Max:	37	81	1.5400
Intermediate:	224	8	0.3500
Min:	134	1	0.2300

BEGIN GSE2.1

MSG_TYPE DATA

MSG_ID 1602054768 athena

DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4021 4.1 km from Lukan, Dibër, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/23	01:12:06.35		0.48	41.6748	20.2355				13.0	1.5	15	37	129	0.15	2.50	m	4139

Magnitude	Err	Nsta	Author	OrigID
Ml	2.9	0.0	5	4139

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
PHP	0.15	86.0	Sn	01:12:12.379	0.2					___				m		49427
PHP	0.15	86.0	Pg	01:12:09.568	-0.1					___				m		49426
PHP	0.15	86.0	AMl	01:12:13.138						___		22.9	0.22	a	Ml	22560
TIR	0.43	221.0	Sg	01:12:21.290	-0.2					___				m		49429
TIR	0.43	221.0	Pg	01:12:14.522	-0.5					___				m		49428
TIR	0.43	221.0	AMl	01:12:24.858						___		3.7	0.44	a	Ml	22562
TIR	0.43	221.0	AMl	01:12:31.228						___		2.7	0.64	a	Ml	22561
SDA	0.67	305.0	Sg	01:12:30.709	1.3					___				m		49431
SDA	0.67	305.0	Pg	01:12:19.476	-0.0					___				m		49430
SDA	0.67	305.0	AMl	01:12:33.628						___		1.3	0.22	a	Ml	22563
PDG	1.05	317.0	Sg	01:12:41.832	0.1					___				m		49433
PDG	1.05	317.0	Pg	01:12:25.956	-0.6					___				m		49432
KBN	1.13	158.0	Sg	01:12:43.822	0.4					___				m		49435
KBN	1.13	158.0	Pg	01:12:28.190	0.6					___				m		49434
KBN	1.13	158.0	AMl	01:12:51.088						___		1.4	0.66	a	Ml	22564
VLO	1.33	206.0	Sg	01:12:53.872	4.7					___				m		49437
VLO	1.33	206.0	Pg	01:12:33.286	2.4					___				m		49436
VLO	1.33	206.0	AMl	01:13:02.378						___		2.9	0.50	a	Ml	22565
SRN	1.80	186.0	Sn	01:13:06.302	0.5					___				m		49439
SRN	1.80	186.0	Pn	01:12:40.033	-0.3					___				m		49438
IGT	2.14	178.0	Pn	01:12:44.751	-0.3					___				m		49440
THE	2.31	115.0	Pn	01:12:45.612	-1.9					___				m		49441

THL 2.50 146.0 Pn 01:12:49.911 -0.5

m

49442

DATA_TYPE COMMENT GSE2.1
Event 4021

Official Magnitude:
Ml 2.88

Error ellipse:

	Azim	Dip	Mag
Max:	46	68	1.6100
Intermediate:	236	21	0.9400
Min:	145	3	0.7300

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054768 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4022 0.7 km from Dushk, Durrës, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/23	05:30:49.75		0.76	41.4207	19.5317				11.2	4.3	14	37	96	0.26	2.85	m	
OrigID	4140																

Magnitude	Err	Nsta	Author	OrigID
Ml	3.6	0.0	6	4140

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.26	106.0	Sg	05:30:59.202	-0.1									m		49444
TIR	0.26	106.0	Pg	05:30:55.580	0.4									m		49443
TIR	0.26	106.0	AMl	05:30:59.330								57.1	0.32	a	Ml	22567
TIR	0.26	106.0	AMl	05:30:58.730								45.3	0.44	a	Ml	22566
SDA	0.63	358.0	Sg	05:31:10.555	-0.9									m		49446
SDA	0.63	358.0	Pg	05:31:02.660	0.5									m		49445
SDA	0.63	358.0	AMl	05:31:18.010								3.0	0.36	a	Ml	22568
PHP	0.73	68.0	Sg	05:31:14.002	-0.4									m		49448
PHP	0.73	68.0	Pg	05:31:02.992	-0.8									m		49447
PHP	0.73	68.0	AMl	05:31:16.700								8.3	0.48	a	Ml	22569
VLO	0.95	182.0	Sg	05:31:24.388	3.4									m		49450
VLO	0.95	182.0	Pg	05:31:11.377	3.8									m		49449
VLO	0.95	182.0	AMl	05:31:32.260								14.2	0.48	a	Ml	22570
PDG	1.03	349.0	Sg	05:31:25.305	0.6									m		49452
PDG	1.03	349.0	Pg	05:31:10.703	1.0									m		49451
KBN	1.24	129.0	Sn	05:31:31.023	0.6									m		49454
KBN	1.24	129.0	Pn	05:31:14.366	1.4									m		49453
KBN	1.24	129.0	AMl	05:31:35.610								3.2	0.48	a	Ml	22571

SRN	1.58	166.0	Pn	05:31:19.123	-0.8	_____											m		49455	
SRN	1.58	166.0	AM1	05:31:49.650		_____											a	M1	3.6	22572
KEK	1.72	173.0	Pn	05:31:22.006	0.0	_____											m			49456
NOCI	1.97	253.0	Pn	05:31:23.534	-2.6	_____											m			49457
IGT	1.98	161.0	Pn	05:31:25.381	-0.9	_____											m			49458
SGRT	2.85	278.0	Pn	05:31:36.066	-3.0	_____											m			49459

DATA_TYPE COMMENT GSE2.1
Event 4022

Official Magnitude:
M1 3.63

Error ellipse:

	Azim	Dip	Mag
Max:	56	65	4.6900
Intermediate:	249	23	1.6700
Min:	157	5	1.0000

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054768 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4023 1.4 km from Breg Shkozë, Durrës, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/23	05:50:53.77		0.16	41.4687	19.6775				2.2	10.7	4	6	217	0.19	0.61	m	
4141																	

Magnitude	Err	Nsta	Author	OrigID
M1	1.7	0.0	2	4141

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
TIR	0.19	0.0	Pg	05:50:57.967	0.0											49465	
TIR	0.19	130.0	Sg	05:51:00.877	0.1											49460	
TIR	0.19	130.0	AM1	05:51:01.190								0.7	0.18	a	M1	1.7	22574
TIR	0.19	130.0	AM1	05:51:01.330								1.0	0.24	a	M1	1.8	22573
SDA	0.60	347.0	Sg	05:51:15.153	0.2											49462	
SDA	0.60	347.0	Pg	05:51:05.652	-0.2											49461	
PHP	0.61	69.0	Sg	05:51:14.898	-0.0											49464	
PHP	0.61	69.0	Pg	05:51:05.069	-0.8											49463	
PHP	0.61	69.0	AM1	05:51:16.800								0.1	0.22	a	M1	1.4	22575

DATA_TYPE COMMENT GSE2.1
Event 4023

Official Magnitude:
Ml 1.66

Error ellipse:

	Azim	Dip	Mag
Max:	209	56	12.7600
Intermediate:	61	29	0.7600
Min:	322	15	0.3300

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054768 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4024 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/23	05:55:48.46		0.09	41.4307	19.6642				21.3	7.2	5	36	179	0.17	1.57	m	
OrigID 4142																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.1	0.0	2	4142

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.17	118.0	Sg	05:55:55.946	-0.1					___				m		49467
TIR	0.17	118.0	Pg	05:55:52.971	0.2					___				m		49466
TIR	0.17	118.0	AMl	05:55:56.638						___		1.9	0.32	a	Ml	2.3
PHP	0.62	0.0	Pg	05:56:00.469	0.0					___				m		49472
PHP	0.64	66.0	Sg	05:56:09.364	-0.5					___				m		49470
PHP	0.64	66.0	AMl	05:56:13.588						___		0.3	0.18	a	Ml	1.9
SDA	0.63	349.0	Sg	05:56:10.315	0.0					___				m		49469
SDA	0.63	349.0	Pg	05:56:00.859	-0.1					___				m		49468
SRN	1.57	170.0	Sn	05:56:40.015	-0.0					___				m		49471

DATA_TYPE COMMENT GSE2.1
Event 4024

Official Magnitude:
Ml 2.11

Error ellipse:

	Azim	Dip	Mag
Max:	0	90	7.2000
Intermediate:	248	0	0.4800
Min:	338	0	0.1700

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1602054768 athena
 DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4025 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/23	23:25:10.60		0.14	41.0402	19.9145				20.2	12.0	9	34	131	0.31	1.54	m	

OrigID 4143

Magnitude	Err	Nsta	Author	OrigID
M1	3.8	0.0	2	4143

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.31	0.0	P	23:25:17.691	0.0											49485
TIR	0.31	354.0	S	23:25:22.451	0.0											49473
TIR	0.31	354.0	AM1	23:25:28.930								41.1	0.54	a	M1	3.7
VLO	0.65	210.0	S	23:25:32.722	0.9											49475
VLO	0.65	210.0	P	23:25:22.693	-0.1											49474
PHP	0.76	31.0	S	23:25:37.036	1.3											49477
PHP	0.76	31.0	P	23:25:25.091	0.1											49476
PHP	0.76	31.0	AM1	23:25:39.640								25.2	0.38	a	M1	4.0
KBN	0.78	121.0	S	23:25:36.162	-0.1											49479
KBN	0.78	121.0	P	23:25:25.398	0.1											49478
SRN	1.16	176.0	S	23:25:49.288	-0.2											49481
SRN	1.16	176.0	P	23:25:32.770	-0.1											49480
KEK	1.33	184.0	P	23:25:33.095	-2.3											49482
PDG	1.47	341.0	P	23:25:37.818	-0.1											49483
IGT	1.54	167.0	P	23:25:39.544	0.4											49484

DATA_TYPE COMMENT GSE2.1
 Event 4025

Official Magnitude:
 M1 3.84

Error ellipse:

	Azim	Dip	Mag
Max:	0	90	12.0400
Intermediate:	240	0	0.4400
Min:	330	0	0.3200

BEGIN GSE2.1
 MSG_TYPE DATA
 MSG_ID 1602054768 athena

DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4026 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/23	23:22:58.29		0.26	41.0275	19.8915				27.0	1.0	11	34	135	0.32	1.53	m	
4144																	

Magnitude	Err	Nsta	Author	OrigID
M1	3.1	0.0	3	4144

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.32	0.0	P	23:23:05.672	0.0									m		49497
TIR	0.32	357.0	S	23:23:11.459	0.2									m		49486
TIR	0.32	357.0	AM1	23:23:17.730								4.6	0.56	a	M1	22580
VLO	0.63	209.0	S	23:23:18.961	-0.2									m		49488
VLO	0.63	209.0	P	23:23:10.467	0.2									m		49487
VLO	0.63	209.0	AM1	23:23:23.160								12.5	0.32	a	M1	22581
PHP	0.78	32.0	S	23:23:24.410	0.2									m		49490
PHP	0.78	32.0	P	23:23:12.916	-0.2									m		49489
PHP	0.78	32.0	AM1	23:23:31.660								3.3	0.54	a	M1	22582
SRN	1.15	175.0	S	23:23:36.615	-0.3									m		49492
SRN	1.15	175.0	P	23:23:19.688	-0.7									m		49491
PDG	1.48	342.0	S	23:23:46.263	0.1									m		49494
PDG	1.48	342.0	P	23:23:25.404	-0.2									m		49493
IGT	1.53	167.0	S	23:23:47.503	-0.1									m		49496
IGT	1.53	167.0	P	23:23:26.854	0.4									m		49495

DATA_TYPE COMMENT GSE2.1

Event 4026

Official Magnitude:

M1 3.14

Error ellipse:

	Azim	Dip	Mag
Max:	277	13	1.0600
Intermediate:	87	76	1.0300
Min:	187	2	0.4000

BEGIN GSE2.1

MSG_TYPE DATA

MSG_ID 1602054768 athena

DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4027 0.7 km from Kodras, Elbasan, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/23	23:25:10.59		0.12	41.0403	19.9115				20.5	10.2	9	34	131	0.31	1.54	m	
4145																	

Magnitude	Err	Nsta	Author	OrigID
Ml	4.5	0.0	5	4145

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.31	0.0	P	23:25:16.497	0.0					---					m	49510
TIR	0.31	354.0	S	23:25:22.451	0.1					---					m	49498
TIR	0.31	354.0	AM1	23:25:28.930						---		41.1	0.54	a	M1	3.7
VLO	0.65	210.0	S	23:25:33.918	2.1					---					m	49500
VLO	0.65	210.0	P	23:25:22.693	-0.0					---					m	49499
VLO	0.65	210.0	AM1	23:25:35.300						---		233.4	0.58	a	M1	4.9
VLO	0.65	210.0	AM1	23:25:40.530						---		175.0	0.44	a	M1	4.7
PHP	0.76	31.0	S	23:25:37.036	1.3					---					m	49502
PHP	0.76	31.0	P	23:25:25.091	0.1					---					m	49501
PHP	0.76	31.0	AM1	23:25:45.580						---		32.0	0.74	a	M1	4.1
KBN	0.78	121.0	S	23:25:36.220	-0.1					---					m	49504
KBN	0.78	121.0	P	23:25:25.398	0.1					---					m	49503
KBN	0.78	121.0	AM1	23:25:39.290						---		98.1	0.54	a	M1	4.6
SRN	1.16	176.0	S	23:25:49.520	0.1					---					m	49506
SRN	1.16	176.0	P	23:25:32.770	-0.0					---					m	49505
SRN	1.16	176.0	AM1	23:25:53.320						---		30.2	0.70	a	M1	4.4
KEK	1.33	184.0	P	23:25:33.095	-2.3					---					m	49507
PDG	1.47	341.0	P	23:25:37.818	-0.1					---					m	49508
IGT	1.54	167.0	P	23:25:39.544	0.4					---					m	49509

DATA_TYPE COMMENT GSE2.1
Event 4027

Official Magnitude:
Ml 4.51

Error ellipse:

	Azim	Dip	Mag
Max:	0	90	10.2300
Intermediate:	239	0	0.3700
Min:	329	0	0.2600

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054767 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4028 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/23	23:44:29.60		0.07	41.0172	19.9030				18.3	0.7	7	34	132	0.63	1.52	m	
4146																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.9	0.0	4	4146

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.33	0.0	P	23:44:37.097	0.0					---					m	49522
TIR	0.33	356.0	S	23:44:43.089	1.2					---					m	49511
TIR	0.33	356.0	AMl	23:44:49.980						---		4.0	0.56	a	Ml	2.7
VLO	0.63	210.0	S	23:44:50.732	0.5					---					m	49513
VLO	0.63	210.0	P	23:44:41.400	0.0					---					m	49512
VLO	0.63	210.0	AMl	23:44:56.760						---		6.7	0.22	a	Ml	3.3
KBN	0.78	120.0	S	23:44:55.286	0.0					---					m	49515
KBN	0.78	120.0	P	23:44:44.361	0.1					---					m	49514
KBN	0.78	120.0	AMl	23:45:02.490						---		1.7	0.50	a	Ml	2.8
PHP	0.78	31.0	S	23:44:57.050	1.4					---					m	49517
PHP	0.78	31.0	P	23:44:44.444	-0.1					---					m	49516
PHP	0.78	31.0	AMl	23:44:59.770						---		2.3	0.24	a	Ml	3.0
SRN	1.14	176.0	S	23:45:07.966	0.0					---					m	49519
SRN	1.14	176.0	P	23:44:51.393	-0.1					---					m	49518
PDG	1.49	342.0	P	23:44:57.446	0.1					---					m	49520
IGT	1.52	167.0	P	23:44:58.254	0.4					---					m	49521

DATA_TYPE COMMENT GSE2.1
Event 4028

Official Magnitude:
Ml 2.91

Error ellipse:

	Azim	Dip	Mag
Max:	282	74	0.7300
Intermediate:	91	15	0.2800
Min:	182	3	0.1300

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054767 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4029 Region N/A

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

2020/09/23 23:37:41.62 0.21 41.0052 19.9225 26.3 1.0 8 34 130 0.34 1.51 m
4147

Magnitude Err Nsta Author OrigID
M1 2.6 0.0 5 4147

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.34	0.0	P	23:37:46.671	0.0					___				m		49534
TIR	0.34	353.0	S	23:37:55.141	-0.0					___				m		49523
TIR	0.34	353.0	AM1	23:38:02.770						___		2.0	0.42	a	M1	2.4
TIR	0.34	353.0	AM1	23:38:00.310						___		2.2	0.34	a	M1	2.5
VLO	0.63	212.0	S	23:38:02.491	0.3					___				m		49525
VLO	0.63	212.0	P	23:37:53.602	0.2					___				m		49524
VLO	0.63	212.0	AM1	23:38:06.690						___		4.4	0.38	a	M1	3.1
VLO	0.63	212.0	AM1	23:38:06.600						___		3.2	0.54	a	M1	3.0
KBN	0.76	119.0	S	23:38:09.023	2.3					___				m		49527
KBN	0.76	119.0	P	23:37:56.128	0.2					___				m		49526
KBN	0.76	119.0	AM1	23:38:10.060						___		1.1	0.54	a	M1	2.7
PHP	0.78	29.0	S	23:38:08.891	1.1					___				m		49529
PHP	0.78	29.0	P	23:37:55.463	-1.1					___				m		49528
PHP	0.78	29.0	AM1	23:38:11.560						___		0.9	0.24	a	M1	2.6
SRN	1.13	176.0	S	23:38:20.011	0.5					___				m		49531
SRN	1.13	176.0	P	23:38:02.839	-0.4					___				m		49530
SRN	1.13	176.0	AM1	23:38:23.240						___		0.4	0.62	a	M1	2.5
PDG	1.51	342.0	S	23:38:30.798	0.4					___				m		49533
PDG	1.51	342.0	P	23:38:09.427	-0.1					___				m		49532

DATA_TYPE COMMENT GSE2.1
Event 4029

Official Magnitude:
M1 2.59

Error ellipse:

	Azim	Dip	Mag
Max:	58	69	1.0500
Intermediate:	267	18	0.9400
Min:	174	10	0.3800

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054767 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4030 Region N/A

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

OrigID

2020/09/24 01:10:20.26 0.23 41.0513 19.8773 2.0 2.9 9 8 135 0.30 1.45 m
4148

Magnitude Err Nsta Author OrigID
M1 1.7 0.0 3 4148

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.30	0.0	P	01:10:27.550	0.0					___				m		49546
TIR	0.30	359.0	S	01:10:31.790	0.4					___				m		49535
TIR	0.30	359.0	AM1	01:10:34.500						___		0.2	0.26	a	M1 1.3	22600
VLO	0.65	207.0	S	01:10:43.061	1.1					___				m		49537
VLO	0.65	207.0	P	01:10:32.383	-0.3					___				m		49536
VLO	0.65	207.0	AM1	01:10:45.100						___		1.0	0.50	a	M1 2.5	22601
PHP	0.76	33.0	S	01:10:46.578	0.1					___				m		49539
PHP	0.76	33.0	P	01:10:35.079	-0.2					___				m		49538
PHP	0.76	33.0	AM1	01:10:49.820						___		0.1	0.18	a	M1 1.7	22602
KBN	0.81	121.0	S	01:10:47.963	0.1					___				m		49541
KBN	0.81	121.0	P	01:10:32.835	-3.2					___				m		49540
SRN	1.17	175.0	S	01:11:01.050	-0.3					___				m		49543
SRN	1.17	175.0	P	01:10:44.136	0.4					___				m		49542
PDG	1.45	342.0	S	01:11:09.801	0.1					___				m		49545
PDG	1.45	342.0	P	01:10:48.628	0.1					___				m		49544

DATA_TYPE COMMENT GSE2.1
Event 4030

Official Magnitude:
M1 1.73

Error ellipse:

	Azim	Dip	Mag
Max:	266	80	2.9000
Intermediate:	62	9	0.5500
Min:	153	4	0.3900

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054768 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4031 0.4 km from Pozhak, Elbasan, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/23	23:31:10.80		0.01	40.9882	19.9937				7.0	0.5	5	8	154	0.37	1.11	m	
4149																	

Magnitude Err Nsta Author OrigID

Ml 1.7 0.0 3 4149

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.37	0.0	P	23:31:18.075	0.0					___				m___		49554
TIR	0.37	345.0	S	23:31:23.871	0.0					___				m___		49547
TIR	0.37	345.0	AMl	23:31:30.890						___		0.4	0.48	a___	Ml	1.7
VLO	0.64	217.0	S	23:31:32.819	1.1					___				m___		49549
VLO	0.64	217.0	P	23:31:22.749	0.0					___				m___		49548
VLO	0.64	217.0	AMl	23:31:31.300						___		0.7	0.08	a___	Ml	2.3
PHP	0.77	25.0	S	23:31:38.308	1.6					___				m___		49551
PHP	0.77	25.0	P	23:31:25.633	0.0					___				m___		49550
PHP	0.77	25.0	AMl	23:31:40.680						___		0.1	0.32	a___	Ml	1.7
SRN	1.11	179.0	S	23:31:49.078	0.0					___				m___		49553
SRN	1.11	179.0	P	23:31:32.654	-0.0					___				m___		49552

DATA_TYPE COMMENT GSE2.1

Event 4031

Official Magnitude:

Ml 1.74

Error ellipse:

	Azim	Dip	Mag
Max:	285	88	0.5100
Intermediate:	105	1	0.0400
Min:	195	0	0.0100

BEGIN GSE2.1

MSG_TYPE DATA

MSG_ID 1602054767 athena

DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4032 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/24	02:35:56.30		0.07	41.0390	19.8938				16.6	0.8	8	34	133	0.65	1.54	m	
4150																	

Magnitude	Err	Nsta	Author	OrigID
Ml	3.0	0.0	5	4150

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.31	0.0	P	02:36:03.633	0.0					___				m___		49566
TIR	0.31	356.0	S	02:36:08.931	1.1					___				m___		49555
TIR	0.31	356.0	AMl	02:36:11.720						___		3.7	0.28	a___	Ml	2.6
TIR	0.31	356.0	AMl	02:36:13.640						___		3.5	0.30	a___	Ml	2.6
VLO	0.64	209.0	S	02:36:17.204	-0.2					___				m___		49557

VLO	0.64	209.0	P	02:36:08.366	0.0	---												m		49556	
VLO	0.64	209.0	AM1	02:36:21.500		---												a	M1	3.5	22609
VLO	0.64	209.0	AM1	02:36:21.170		---												a	M1	3.7	22608
PHP	0.77	32.0	S	02:36:23.722	1.7	---												m			49559
PHP	0.77	32.0	P	02:36:10.981	-0.0	---												m			49558
PHP	0.77	32.0	AM1	02:36:28.310		---												a	M1	3.0	22610
KBN	0.79	121.0	S	02:36:22.802	0.1	---												m			49561
KBN	0.79	121.0	P	02:36:11.334	-0.0	---												m			49560
KBN	0.79	121.0	AM1	02:36:25.070		---												a	M1	3.4	22611
SRN	1.16	175.0	S	02:36:34.625	-0.9	---												m			49563
SRN	1.16	175.0	P	02:36:18.569	-0.1	---												m			49562
SRN	1.16	175.0	AM1	02:36:39.040		---												a	M1	3.0	22612
PDG	1.47	342.0	P	02:36:23.768	0.0	---												m			49564
IGT	1.54	167.0	P	02:36:25.228	0.1	---												m			49565

DATA_TYPE COMMENT GSE2.1
Event 4032

Official Magnitude:
M1 3.04

Error ellipse:

	Azim	Dip	Mag
Max:	95	82	0.7700
Intermediate:	273	7	0.2800
Min:	3	0	0.1700

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054767 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4033 1.4 km from XibrakA, Elbasan, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID	2020/09/24	01:59:44.10	0.14	41.0125	19.9260				7.7	2.0	6	8	177	0.63	1.51	m	
4151																	

Magnitude	Err	Nsta	Author	OrigID
M1	1.6	0.0	4	4151

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
TIR	0.34	0.0	P	01:59:51.215	0.0											m	49578
TIR	0.34	353.0	S	01:59:57.871	1.8											m	49567
TIR	0.34	353.0	AM1	02:00:00.840								0.2	0.34	a	M1	1.4	22613
VLO	0.63	212.0	S	02:00:06.102	1.4											m	49569
VLO	0.63	212.0	P	01:59:55.957	0.1											m	49568

VLO	0.63	212.0	AM1	02:00:11.400		0.6	0.22	a	M1	2.3	22614
KBN	0.76	120.0	S	02:00:11.086	1.8			m			49571
KBN	0.76	120.0	P	01:59:58.602	0.1			m			49570
KBN	0.76	120.0	AM1	02:00:15.070		0.1	0.46	a	M1	1.7	22615
PHP	0.78	29.0	S	02:00:11.379	1.2			m			49573
PHP	0.78	29.0	P	01:59:58.959	-0.0			m			49572
PHP	0.78	29.0	AM1	02:00:12.710		0.1	0.20	a	M1	1.5	22616
SRN	1.13	177.0	S	02:00:23.063	-0.3			m			49575
SRN	1.13	177.0	P	02:00:05.818	-0.7			m			49574
IGT	1.51	168.0	S	02:00:33.492	-1.0			m			49577
IGT	1.51	168.0	P	02:00:12.891	0.0			m			49576

DATA_TYPE COMMENT GSE2.1
Event 4033

Official Magnitude:
M1 1.62

Error ellipse:

	Azim	Dip	Mag
Max:	332	83	2.0000
Intermediate:	112	5	0.7200
Min:	202	4	0.4000

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054767 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4034 1.3 km from Qafëshkallë, Elbasan, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/24	04:14:41.51		0.08	40.9965	19.8547				15.3	0.8	8	10	153	0.35	1.51	m	
4152																	

Magnitude	Err	Nsta	Author	OrigID
M1	2.5	0.0	5	4152

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.34	0.0	P	04:14:48.547	0.0									m		49592
TIR	0.35	1.0	S	04:14:54.244	0.0									m		49579
TIR	0.35	1.0	AM1	04:14:59.510								1.9	0.38	a	M1	2.4
TIR	0.35	1.0	AM1	04:15:00.920								2.4	0.60	a	M1	2.5
VLO	0.59	208.0	S	04:15:02.477	1.6									m		49581
VLO	0.59	208.0	P	04:14:52.594	0.0									m		49580
VLO	0.59	208.0	AM1	04:15:05.890								4.8	0.30	a	M1	3.1
VLO	0.59	208.0	AM1	04:15:05.620								4.7	0.28	a	M1	3.1

KBN	0.80	117.0	S	04:15:08.042	0.0
KBN	0.80	117.0	P	04:14:55.933	-0.7
KBN	0.80	117.0	AM1	04:15:12.620	
PHP	0.82	32.0	S	04:15:08.809	-0.1
PHP	0.82	32.0	P	04:14:55.812	-1.4
PHP	0.82	32.0	AM1	04:15:11.220	
SRN	1.12	174.0	S	04:15:18.769	-0.8
SRN	1.12	174.0	P	04:15:03.200	-0.1
SRN	1.12	174.0	AM1	04:15:23.420	
PDG	1.50	343.0	S	04:15:29.414	-1.3
PDG	1.50	343.0	P	04:15:08.667	-0.9
IGT	1.51	165.0	S	04:15:30.964	0.0
IGT	1.51	165.0	P	04:15:09.900	0.1

_____				m_____		49583
_____				m_____		49582
_____	1.4	0.46	a_____	M1	2.8	22621
_____				m_____		49585
_____				m_____		49584
_____	0.8	0.22	a_____	M1	2.5	22622
_____				m_____		49587
_____				m_____		49586
_____	0.4	0.30	a_____	M1	2.5	22623
_____				m_____		49589
_____				m_____		49588
_____				m_____		49591
_____				m_____		49590

DATA_TYPE COMMENT GSE2.1
Event 4034

Official Magnitude:
M1 2.53

Error ellipse:

	Azim	Dip	Mag
Max:	23	74	0.8500
Intermediate:	264	7	0.2100
Min:	172	14	0.1100

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054766 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4036 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/24	05:18:58.09		0.04	41.0327	19.9007				9.4	0.4	6	8	133	0.64	1.53	m	
4154																	

Magnitude	Err	Nsta	Author	OrigID
M1	3.2	0.0	5	4154

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.32	0.0	P	05:19:05.512	0.0											49621
TIR	0.32	356.0	S	05:19:11.792	2.5											49608
TIR	0.32	356.0	AM1	05:19:17.750								8.3	0.52	a_____	M1	22630
TIR	0.32	356.0	AM1	05:19:16.670								8.3	0.50	a_____	M1	22629
VLO	0.64	209.0	S	05:19:20.331	1.4											49610
VLO	0.64	209.0	P	05:19:10.016	0.0											49609

VLO	0.64	209.0	AM1	05:19:22.920	___	15.5	0.56	a___	M1	3.7	22632
VLO	0.64	209.0	AM1	05:19:22.120	___	11.9	0.44	a___	M1	3.6	22631
PHP	0.77	31.0	S	05:19:25.459	1.6	___	___	m___	___	___	49612
PHP	0.77	31.0	P	05:19:12.786	-0.1	___	___	m___	___	___	49611
PHP	0.77	31.0	AM1	05:19:27.810	___	4.1	0.40	a___	M1	3.2	22633
KBN	0.79	120.0	S	05:19:25.551	1.3	___	___	m___	___	___	49614
KBN	0.79	120.0	P	05:19:13.067	0.0	___	___	m___	___	___	49613
KBN	0.79	120.0	AM1	05:19:27.020	___	3.6	0.58	a___	M1	3.2	22634
SRN	1.15	176.0	S	05:19:37.019	-0.8	___	___	m___	___	___	49616
SRN	1.15	176.0	P	05:19:20.809	0.0	___	___	m___	___	___	49615
SRN	1.15	176.0	AM1	05:19:40.190	___	0.9	0.62	a___	M1	2.9	22635
PDG	1.47	342.0	S	05:19:46.658	-0.5	___	___	m___	___	___	49618
PDG	1.47	342.0	P	05:19:26.161	0.0	___	___	m___	___	___	49617
IGT	1.53	167.0	S	05:19:47.806	-1.2	___	___	m___	___	___	49620
IGT	1.53	167.0	P	05:19:27.130	-0.1	___	___	m___	___	___	49619

DATA_TYPE COMMENT GSE2.1
Event 4036

Official Magnitude:
M1 3.17

Error ellipse:

	Azim	Dip	Mag
Max:	85	79	0.4300
Intermediate:	274	9	0.1800
Min:	184	2	0.1100

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054767 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4037 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/24	00:00:34.14		0.07	41.0240	20.0193				7.0	0.5	8	8	145	0.34	1.51	m	
4155																	

Magnitude	Err	Nsta	Author	OrigID
M1	1.6	0.0	4	4155

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.34	0.0	P	00:00:41.392	0.0					___				m___		49633
TIR	0.34	341.0	S	00:00:46.562	0.3					___				m___		49622
TIR	0.34	341.0	AM1	00:00:48.800						___		0.1	0.22	a___	M1	1.2
TIR	0.34	341.0	AM1	00:00:49.160						___		0.1	0.28	a___	M1	1.2

VLO	0.68	216.0	S	00:00:56.689	0.3	---	m	49624
VLO	0.68	216.0	P	00:00:46.802	-0.1	---	m	49623
VLO	0.68	216.0	AMl	00:01:00.250		---	0.4 0.46 a Ml 2.1	22639
VLO	0.68	216.0	AMl	00:00:59.120		---	0.6 0.42 a Ml 2.3	22638
PHP	0.73	25.0	S	00:00:59.240	0.5	---	m	49626
PHP	0.73	25.0	P	00:00:48.194	0.0	---	m	49625
PHP	0.73	25.0	AMl	00:01:04.370		---	0.1 0.46 a Ml 1.4	22640
SRN	1.14	181.0	S	00:01:13.670	0.1	---	m	49628
SRN	1.14	181.0	P	00:00:56.016	-0.7	---	m	49627
SRN	1.14	181.0	AMl	00:01:24.600		---	0.1 0.80 a Ml 1.8	22641
IGT	1.51	170.0	S	00:01:24.505	-0.0	---	m	49630
IGT	1.51	170.0	P	00:01:02.964	0.0	---	m	49629
PDG	1.51	339.0	S	00:01:23.365	-1.3	---	m	49632
PDG	1.51	339.0	P	00:01:03.012	-0.0	---	m	49631

DATA_TYPE COMMENT GSE2.1
Event 4037

Official Magnitude:
Ml 1.60

Error ellipse:

	Azim	Dip	Mag
Max:	284	83	0.5500
Intermediate:	97	6	0.2700
Min:	187	1	0.1100

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054767 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4038 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID	2020/09/24	00:00:34.14	0.07	41.0240	20.0193				7.0	0.5	8	8	145	0.34	1.51	m	
4156																	

Magnitude	Err	Nsta	Author	OrigID
Ml	1.6	0.0	4	4156

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.34	0.0	P	00:00:41.392	0.0									m		49645
TIR	0.34	341.0	S	00:00:46.562	0.3									m		49634
TIR	0.34	341.0	AMl	00:00:48.800								0.1	0.22	a Ml	1.2	22643
TIR	0.34	341.0	AMl	00:00:49.160								0.1	0.28	a Ml	1.2	22642
VLO	0.68	216.0	S	00:00:56.689	0.3									m		49636

VLO	0.68	216.0	P	00:00:46.802	-0.1	---											m		49635			
VLO	0.68	216.0	AM1	00:01:00.250		---											0.4	0.46	a	M1	2.1	22645
VLO	0.68	216.0	AM1	00:00:59.120		---											0.6	0.42	a	M1	2.3	22644
PHP	0.73	25.0	S	00:00:59.240	0.5	---													m			49638
PHP	0.73	25.0	P	00:00:48.194	0.0	---													m			49637
PHP	0.73	25.0	AM1	00:01:04.370		---											0.1	0.46	a	M1	1.4	22646
SRN	1.14	181.0	S	00:01:13.670	0.1	---													m			49640
SRN	1.14	181.0	P	00:00:56.016	-0.7	---													m			49639
SRN	1.14	181.0	AM1	00:01:24.600		---											0.1	0.80	a	M1	1.8	22647
IGT	1.51	170.0	S	00:01:24.505	-0.0	---													m			49642
IGT	1.51	170.0	P	00:01:02.964	0.0	---													m			49641
PDG	1.51	339.0	S	00:01:23.365	-1.3	---													m			49644
PDG	1.51	339.0	P	00:01:03.012	-0.0	---													m			49643

DATA_TYPE COMMENT GSE2.1
Event 4038

Official Magnitude:
M1 1.60

Error ellipse:

	Azim	Dip	Mag
Max:	284	83	0.5500
Intermediate:	97	6	0.2700
Min:	187	1	0.1100

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054766 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4039 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/24	06:58:38.75		0.47	40.5530	19.6462				31.3	1.4	13	8	77	0.14	1.98	m	
4157																	

Magnitude	Err	Nsta	Author	OrigID
Md	2.8	0.0	8	4157
M1	3.7	0.0	5	4157

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
VLO	0.14	234.0	S	06:58:47.230	-0.2											m
VLO	0.14	234.0	P	06:58:43.643	-0.0											m
VLO	0.14	234.0	AMd	06:59:16.142								0.0	32.50	a	Md	2.3
VLO	0.14	234.0	AM1	06:58:49.950								139.0	0.14	a	M1	4.3
SRN	0.72	157.0	S	06:59:04.965	0.5											m

SRN	0.72	157.0	P	06:58:53.396	-0.1	---	m	49648
SRN	0.72	157.0	AMd	06:59:57.680		---	0.0 64.28 a	Md 2.4 22649
SRN	0.72	157.0	AMl	06:59:08.300		---	2.6 0.42 a	Ml 3.0 22657
TIR	0.81	11.0	S	06:59:02.524	-3.9	---	m	49651
TIR	0.81	11.0	P	06:58:54.727	0.2	---	m	49650
TIR	0.81	11.0	AMd	06:59:59.933		---	0.0 65.21 a	Md 3.0 22650
TIR	0.81	11.0	AMl	06:59:12.570		---	2.7 0.30 a	Ml 3.1 22658
KBN	0.87	84.0	S	06:59:06.305	-1.1	---	m	49653
KBN	0.87	84.0	P	06:58:54.957	-0.2	---	m	49652
KBN	0.87	84.0	AMd	06:59:57.438		---	0.0 62.48 a	Md 2.4 22651
IGT	1.15	152.0	P	06:59:02.288	1.9	---	m	49654
IGT	1.15	152.0	AMd	07:00:19.062		---	0.0 76.77 a	Md 2.6 22652
PHP	1.28	27.0	S	06:59:20.222	0.2	---	m	49656
PHP	1.28	27.0	P	06:59:02.597	0.3	---	m	49655
PHP	1.28	27.0	AMd	07:00:04.852		---	0.0 62.26 a	Md 3.0 22653
PHP	1.28	27.0	AMl	06:59:28.270		---	5.0 0.60 a	Ml 3.7 22659
PDG	1.90	352.0	S	06:59:36.950	-0.2	---	m	49658
PDG	1.90	352.0	P	06:59:12.878	0.8	---	m	49657
PDG	1.90	352.0	AMd	07:00:34.861		---	0.0 81.98 a	Md 3.4 22654
NOCI	1.98	278.0	S	06:59:36.987	-2.3	---	m	49660
NOCI	1.98	278.0	P	06:59:12.642	-0.7	---	m	49659
NOCI	1.98	278.0	AMd	07:00:49.543		---	0.0 96.90 a	Md 3.5 22655
NOCI	1.98	278.0	AMl	06:59:47.030		---	2.6 0.34 a	Ml 3.9 22660

DATA_TYPE COMMENT GSE2.1
Event 4039

Official Magnitude:
Ml 3.72

Error ellipse:

	Azim	Dip	Mag
Max:	198	64	1.5800
Intermediate:	96	5	1.0700
Min:	4	25	0.7600

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054766 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4040 0.4 km from Kodras, Elbasan, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/24	09:42:11.04		0.12	41.0383	19.9090				16.8	0.7	11	9	131	0.31	1.54	m	4158

Magnitude	Err	Nsta	Author	OrigID
Md	2.4	0.0	6	4158
Ml	2.4	0.0	3	4158

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.31	354.0	S	09:42:22.441	-0.2									m		49662
TIR	0.31	354.0	P	09:42:16.948	-0.7									m		49661
TIR	0.31	354.0	AMd	09:42:53.157								0.0	36.21	a	Md	2.4
TIR	0.31	354.0	AMl	09:42:26.460								0.9	0.20	a	Ml	2.0
VLO	0.65	210.0	S	09:42:32.262	-0.0									m		49664
VLO	0.65	210.0	P	09:42:23.298	0.1									m		49663
VLO	0.65	210.0	AMd	09:43:02.339								0.0	39.04	a	Md	2.5
VLO	0.65	210.0	AMl	09:42:37.610								2.7	0.22	a	Ml	2.9
PHP	0.76	31.0	S	09:42:36.690	0.1									m		49666
PHP	0.76	31.0	P	09:42:25.918	0.3									m		49665
PHP	0.76	31.0	AMd	09:43:10.071								0.0	44.15	a	Md	2.6
PHP	0.76	31.0	AMl	09:42:41.150								0.7	0.20	a	Ml	2.4
KBN	0.78	121.0	S	09:42:36.926	-0.2									m		49668
KBN	0.78	121.0	P	09:42:25.979	0.1									m		49667
KBN	0.78	121.0	AMd	09:43:08.150								0.0	42.17	a	Md	2.0
SRN	1.16	176.0	S	09:42:49.923	-0.3									m		49670
SRN	1.16	176.0	P	09:42:33.444	0.1									m		49669
SRN	1.16	176.0	AMd	09:43:30.198								0.0	56.75	a	Md	2.3
PDG	1.47	341.0	S	09:42:59.166	-0.1									m		49671
IGT	1.54	167.0	P	09:42:39.856	0.1									m		49672
IGT	1.54	167.0	AMd	09:43:43.935								0.0	64.08	a	Md	2.5

DATA_TYPE COMMENT GSE2.1
Event 4040

Official Magnitude:
Ml 2.42

Error ellipse:

	Azim	Dip	Mag
Max:	52	84	0.7000
Intermediate:	272	3	0.3000
Min:	182	4	0.1800

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054766 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4041 Region N/A

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

2020/09/24 15:34:04.87 0.86 41.0757 19.7213 38.4 2.7 25 36 77 0.30 3.17 m
4159

Magnitude Err Nsta Author
M1 3.5 0.0 6

OrigID
4159

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.26	0.0	Sg	15:34:19.770	0.0									m		49701
TIR	0.29	21.0	Pg	15:34:12.022	-1.0									md		49673
TIR	0.29	21.0	AM1	15:34:24.350								13.4	0.64	a	M1 3.3	22670
VLO	0.63	196.0	Sg	15:34:29.743	3.3									m		49675
VLO	0.63	196.0	Pg	15:34:18.166	1.0									m		49674
VLO	0.63	196.0	AM1	15:34:31.830								25.6	0.50	a	M1 4.0	22671
PHP	0.81	41.0	Sg	15:34:32.713	0.2									m		49677
PHP	0.81	41.0	Pg	15:34:20.678	0.0									m		49676
PHP	0.81	41.0	AM1	15:34:36.840								4.7	0.60	a	M1 3.4	22672
KBN	0.93	118.0	Sg	15:34:34.640	-0.7									m		49679
KBN	0.93	118.0	Pg	15:34:21.060	-1.2									md		49678
SDA	0.99	351.0	Sn	15:34:43.904	6.0									m		49681
SDA	0.99	351.0	Pn	15:34:26.911	3.2									m		49680
SDA	0.99	351.0	AM1	15:34:46.830								1.8	0.42	a	M1 3.1	22673
SRN	1.21	169.0	Sg	15:34:46.693	1.9									m		49683
SRN	1.21	169.0	Pg	15:34:28.435	0.8									m		49682
KEK	1.36	177.0	Sn	15:34:48.389	0.2									m		49687
KEK	1.36	177.0	Pn	15:34:29.463	-0.2									m		49686
KEK	1.36	177.0	Sn	15:34:47.866	-0.4									m		49685
KEK	1.36	177.0	Pn	15:34:29.459	-0.2									m		49684
PDG	1.40	346.0	Sn	15:34:50.657	1.5									m		49689
PDG	1.40	346.0	Pn	15:34:33.303	3.1									m		49688
IGT	1.61	163.0	Sn	15:34:55.341	0.4									m		49691
IGT	1.61	163.0	Pn	15:34:35.278	1.8									m		49690
NOCI	2.03	263.0	Sn	15:35:05.875	0.1									m		49693
NOCI	2.03	263.0	Pn	15:34:39.845	0.2									m		49692
NOCI	2.03	263.0	AM1	15:35:15.190								3.8	0.28	a	M1 4.1	22674
THL	2.31	129.0	Sn	15:35:12.127	-0.9									m		49695
THL	2.31	129.0	Pn	15:34:44.213	0.4									md		49694
TIP	2.96	232.0	Pn	15:34:51.915	-1.4									m		49696
SGRT	3.05	285.0	Sn	15:35:26.906	-5.2									m		49698
SGRT	3.05	285.0	Pn	15:34:54.529	-0.2									m		49697
SGRT	3.05	285.0	AM1	15:35:35.540								0.5	0.22	a	M1 3.7	22675
CUC	3.17	252.0	Sn	15:35:34.144	-0.9									m		49700
CUC	3.17	252.0	Pn	15:34:55.821	-0.6									m		49699

DATA_TYPE COMMENT GSE2.1
Event 4041

Official Magnitude:
M1 3.51

Error ellipse:

	Azim	Dip	Mag
Max:	34	68	2.9400
Intermediate:	269	12	1.3200
Min:	175	17	1.1700

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054766 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4042 1.1 km from Pekisht, Elbasan, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/24	19:21:40.24		0.77	41.0063	19.8182				36.2	1.8	28	37	63	0.34	4.21	m	
4160																	

Magnitude	Err	Nsta	Author	OrigID
Ml	4.2	0.0	7	4160

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.34	5.0	Sg	19:21:55.633	0.5											49703
TIR	0.34	5.0	Pg	19:21:48.014	-0.8											49702
TIR	0.34	5.0	AMl	19:22:00.230								33.9	0.60	a__	Ml	3.7
TIR	0.34	5.0	AMl	19:21:57.030								29.7	0.66	a__	Ml	3.7
VLO	0.59	205.0	Sg	19:22:01.205	0.7											49705
VLO	0.59	205.0	Pg	19:21:52.039	0.2											49704
VLO	0.59	205.0	AMl	19:22:09.190								161.1	0.44	a__	Ml	4.7
VLO	0.59	205.0	AMl	19:22:05.240								183.3	0.42	a__	Ml	4.7
PHP	0.82	34.0	Sg	19:22:08.044	0.1											49707
PHP	0.82	34.0	Pg	19:21:55.440	-0.7											49706
PHP	0.82	34.0	AMl	19:22:14.390								17.0	0.68	a__	Ml	3.9
KBN	0.83	117.0	Sg	19:22:08.246	0.4											49709
KBN	0.83	117.0	Pg	19:21:55.647	-0.4											49708
KBN	0.83	117.0	AMl	19:22:09.640								31.6	0.50	a__	Ml	4.2
SDA	1.07	348.0	Sn	19:22:18.497	2.7											49711
SDA	1.07	348.0	Pn	19:22:00.860	0.3											49710
SDA	1.07	348.0	AMl	19:22:21.720								11.6	0.78	a__	Ml	3.9
SRN	1.13	172.0	Sg	19:22:18.442	0.3											49713
SRN	1.13	172.0	Pg	19:22:02.109	0.2											49712
SRN	1.13	172.0	AMl	19:22:22.870								32.4	0.60	a__	Ml	4.4
KEK	1.29	181.0	Sn	19:22:22.112	0.2											49717
KEK	1.29	181.0	Pn	19:22:03.308	-0.7											49716
KEK	1.29	181.0	Sn	19:22:22.196	0.3											49715
KEK	1.29	181.0	Pn	19:22:03.324	-0.7											49714
PDG	1.48	344.0	Sg	19:22:28.275	1.1											49719
PDG	1.48	344.0	Pg	19:22:08.114	1.1											49718
IGT	1.52	164.0	Sn	19:22:28.430	0.1											49721

IGT	1.52	164.0	Pn	19:22:09.139	1.4	---	m_	49720
NOCI	2.10	265.0	Sn	19:22:43.952	0.8	---	m_	49723
NOCI	2.10	265.0	Pn	19:22:14.476	-1.7	---	m_	49722
NOCI	2.10	265.0	AMl	19:22:47.110		---	6.9 0.30 a_ Ml 4.4	22684
THL	2.21	129.0	Pn	19:22:18.310	0.4	---	m_	49724
THE	2.42	97.0	Pn	19:22:20.711	-0.2	---	m_	49725
SGRT	3.14	286.0	Pn	19:22:29.179	-2.4	---	md_	49726
CUC	3.22	253.0	Pn	19:22:30.457	-2.2	---	m_	49727
KLV	3.47	147.0	Pn	19:22:35.612	-0.7	---	m_	49728
CEL	4.09	230.0	Sn	19:23:27.317	-7.0	---	m_	49730
CEL	4.09	230.0	Pn	19:22:41.426	-4.0	---	m_	49729
BLY	4.21	334.0	Pn	19:22:44.922	-2.3	---	m_	49731

DATA_TYPE COMMENT GSE2.1
Event 4042

Official Magnitude:
Ml 4.19

Error ellipse:

	Azim	Dip	Mag
Max:	63	63	1.9700
Intermediate:	276	22	1.4500
Min:	181	13	0.8900

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054766 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4043 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/24	19:29:06.29		0.66	40.9623	19.7475				8.3	3.6	13	13	169	0.40	1.51	m	
4161																	

Magnitude	Err	Nsta	Author	OrigID
Ml	1.8	0.0	4	4161

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.39	0.0	Pg	19:29:11.914	0.0									m_		49748
TIR	0.39	12.0	Sg	19:29:19.423	-0.7									m_		49732
TIR	0.39	12.0	AMl	19:29:25.580								0.3	0.50	a_ Ml	1.6	22686
TIR	0.39	12.0	AMl	19:29:23.570								0.3	0.20	a_ Ml	1.6	22685
KBN	0.86	112.0	Sg	19:29:34.752	-0.1									m_		49733
PHP	0.89	35.0	Sg	19:29:33.844	-2.4									m_		49735
PHP	0.89	35.0	Pg	19:29:20.920	-2.5									mc_		49734

PHP	0.89	35.0	AMl	19:29:36.070		0.2	0.30	a__	Ml	1.9	22687
SRN	1.10	169.0	Sg	19:29:44.625	0.3			m__			49737
SRN	1.10	169.0	Pg	19:29:30.188	2.2			m__			49736
SRN	1.10	169.0	AMl	19:29:47.750		0.1	0.20	a__	Ml	2.0	22688
SDA	1.10	351.0	Sg	19:29:44.724	0.9			m__			49739
SDA	1.10	351.0	Pg	19:29:28.244	0.5			md__			49738
SDA	1.10	351.0	AMl	19:29:44.840		0.1	0.32	a__	Ml	1.8	22690
SDA	1.10	351.0	AMl	19:29:46.420		0.1	0.42	a__	Ml	1.8	22689
KEK	1.25	178.0	Sn	19:29:47.517	-0.9			m__			49743
KEK	1.25	178.0	Pn	19:29:30.766	0.4			md__			49742
KEK	1.25	178.0	Sn	19:29:48.357	-0.1			m__			49741
KEK	1.25	178.0	Pn	19:29:29.875	-0.5			m__			49740
IGT	1.50	162.0	Sn	19:29:56.347	0.2			m__			49745
IGT	1.50	162.0	Pn	19:29:36.105	1.3			mc__			49744
PDG	1.51	347.0	Sg	19:29:55.852	-0.7			m__			49747
PDG	1.51	347.0	Pg	19:29:36.440	1.4			m__			49746

DATA_TYPE COMMENT GSE2.1
Event 4043

Official Magnitude:
Ml 1.82

Error ellipse:

	Azim	Dip	Mag
Max:	70	66	3.9400
Intermediate:	265	22	1.7500
Min:	173	6	0.6300

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054765 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4044 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/24	19:42:36.88		0.55	41.0217	19.8262				25.0	2.4	18	11	84	0.32	2.11	m	
4162																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.2	0.0	6	4162

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.33	5.0	Sg	19:42:49.287	-0.5									m__		49750
TIR	0.33	5.0	Pg	19:42:43.988	-0.3									mc__		49749
TIR	0.33	5.0	AMl	19:42:53.780								0.6	0.26	a__	Ml	22692

TIR	0.33	5.0	AM1	19:42:52.670	
VLO	0.61	205.0	Sg	19:42:58.160	1.3
VLO	0.61	205.0	Pg	19:42:48.853	0.6
VLO	0.61	205.0	AM1	19:43:03.380	
PHP	0.81	34.0	Sg	19:43:04.277	0.6
PHP	0.81	34.0	Pg	19:42:51.392	-0.8
PHP	0.81	34.0	AM1	19:43:05.800	
KBN	0.83	118.0	Sg	19:43:04.870	0.7
KBN	0.83	118.0	Pg	19:42:51.847	-0.6
KBN	0.83	118.0	AM1	19:43:08.130	
SDA	1.06	347.0	Sg	19:43:12.218	0.3
SDA	1.06	347.0	Pg	19:42:58.668	1.8
SDA	1.06	347.0	AM1	19:43:15.140	
SDA	1.06	347.0	AM1	19:43:18.100	
SRN	1.15	173.0	Sg	19:43:15.505	0.2
SRN	1.15	173.0	Pg	19:42:59.351	0.5
SRN	1.15	173.0	AM1	19:43:18.620	
KEK	1.31	182.0	Sn	19:43:19.203	-0.5
KEK	1.31	182.0	Pn	19:42:59.583	-1.8
KEK	1.31	182.0	Sn	19:43:19.145	-0.5
KEK	1.31	182.0	Pn	19:42:59.153	-2.2
PDG	1.47	344.0	Sg	19:43:24.782	0.1
PDG	1.47	344.0	Pg	19:43:04.153	-0.0
IGT	1.54	165.0	Sn	19:43:25.938	-0.7
IGT	1.54	165.0	Pn	19:43:05.995	0.7
NOCI	2.11	265.0	Pn	19:43:13.889	0.0

___	0.8	0.60	a___	M1	2.0	22691
___			m___			49752
___			mc___			49751
___	1.7	0.38	a___	M1	2.7	22693
___			m___			49754
___			mc___			49753
___	0.3	0.38	a___	M1	2.2	22694
___			m___			49756
___			mc___			49755
___	0.4	0.38	a___	M1	2.2	22695
___			m___			49758
___			mc___			49757
___	0.2	0.30	a___	M1	2.3	22697
___	0.2	3.42	a___	M1	2.1	22696
___			m___			49760
___			mc___			49759
___	0.4	0.46	a___	M1	2.5	22698
___			m___			49764
___			m___			49763
___			m___			49762
___			m___			49761
___			m___			49766
___			m___			49765
___			m___			49768
___			m___			49767
___			m___			49769

DATA_TYPE COMMENT GSE2.1
Event 4044

Official Magnitude:
M1 2.21

Error ellipse:

	Azim	Dip	Mag
Max:	32	81	2.4200
Intermediate:	269	4	1.3000
Min:	178	8	0.5500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054765 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4045 1.1 km from Rrasa e Poshtme, Elbasan, Albania

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

2020/09/24 19:48:30.40 0.04 40.9732 19.8075 7.0 2.9 5 8 176 0.38 1.10 m
4163

Magnitude Err Nsta Author OrigID
M1 1.7 0.0 4 4163

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.38	0.0	Pg	19:48:37.278	0.0					___				m___		49776
TIR	0.38	6.0	Sg	19:48:43.602	-0.0					___				m___		49770
TIR	0.38	6.0	AM1	19:48:45.890						___		0.2	0.54	a___	M1 1.3	22699
KBN	0.82	114.0	Sg	19:48:57.665	0.0					___				m___		49771
KBN	0.82	114.0	AM1	19:49:01.340						___		0.1	0.38	a___	M1 1.7	22700
PHP	0.86	33.0	Pg	19:48:46.161	-0.7					___				m___		49772
SRN	1.10	172.0	Sg	19:49:08.530	0.0					___				m___		49775
SRN	1.10	172.0	Pg	19:48:52.084	-0.1					___				m___		49774
SRN	1.10	172.0	AM1	19:49:11.850						___		0.1	0.46	a___	M1 1.8	22702
SDA	1.10	348.0	Sg	19:49:07.867	0.0					___				m___		49773
SDA	1.10	348.0	AM1	19:49:08.440						___		0.1	0.36	a___	M1 1.6	22701

DATA_TYPE COMMENT GSE2.1
Event 4045

Official Magnitude:
M1 1.68

Error ellipse:

	Azim	Dip	Mag
Max:	26	89	2.9400
Intermediate:	75	0	0.1800
Min:	165	1	0.0700

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054765 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4046 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/24	20:28:52.22		0.45	41.0240	19.8825				30.0	1.1	21	15	87	0.32	3.19	m	
4164																	

Magnitude Err Nsta Author OrigID
M1 2.8 0.0 7 4164

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.32	358.0	Sg	20:29:06.133	0.4					___				m___		49778

TIR	0.32	358.0	Pg	20:28:59.130	-0.8
TIR	0.32	358.0	AM1	20:29:07.630	
TIR	0.32	358.0	AM1	20:29:12.490	
VLO	0.63	209.0	Sg	20:29:13.534	0.4
VLO	0.63	209.0	Pg	20:29:04.167	0.0
VLO	0.63	209.0	AM1	20:29:18.790	
PHP	0.78	32.0	Sg	20:29:18.965	0.5
PHP	0.78	32.0	Pg	20:29:06.457	-0.8
PHP	0.78	32.0	AM1	20:29:23.530	
KBN	0.79	119.0	Sg	20:29:18.965	0.4
KBN	0.79	119.0	Pg	20:29:06.821	-0.4
KBN	0.79	119.0	AM1	20:29:20.850	
SDA	1.07	345.0	Sg	20:29:29.690	2.1
SDA	1.07	345.0	Pg	20:29:12.858	0.5
SDA	1.07	345.0	AM1	20:29:33.530	
SDA	1.07	345.0	AM1	20:29:31.710	
SRN	1.15	175.0	Sg	20:29:30.773	0.2
SRN	1.15	175.0	Pg	20:29:13.988	-0.2
SRN	1.15	175.0	AM1	20:29:33.570	
KEK	1.31	183.0	Sn	20:29:34.751	-0.2
KEK	1.31	183.0	Pn	20:29:14.457	-2.2
KEK	1.31	183.0	Sn	20:29:34.323	-0.6
KEK	1.31	183.0	Pn	20:29:14.786	-1.9
PDG	1.48	342.0	Sg	20:29:39.560	-0.2
PDG	1.48	342.0	Pg	20:29:19.198	-0.2
IGT	1.53	166.0	Sn	20:29:41.108	0.0
IGT	1.53	166.0	Pn	20:29:21.441	1.3
NOCI	2.15	265.0	Sn	20:29:57.493	0.2
NOCI	2.15	265.0	Pn	20:29:25.486	-3.9
NOCI	2.15	265.0	AM1	20:30:00.850	
THL	2.19	131.0	Sn	20:29:58.202	-0.1
THL	2.19	131.0	Pn	20:29:30.284	0.3
SGRT	3.19	285.0	Pn	20:29:39.919	-4.8

							md_		49777
	2.0	0.30	a_	M1	2.5				22704
	2.8	0.58	a_	M1	2.6				22703
			m_						49780
			md_						49779
	9.6	0.36	a_	M1	3.5				22705
			m_						49782
			mc_						49781
	1.4	0.44	a_	M1	2.8				22706
			m_						49784
			mc_						49783
	1.9	0.52	a_	M1	2.9				22707
			m_						49786
			m_						49785
	0.4	0.24	a_	M1	2.4				22709
	0.5	0.28	a_	M1	2.5				22708
			m_						49788
			md_						49787
	1.5	0.52	a_	M1	3.1				22710
			m_						49792
			m_						49791
			m_						49790
			m_						49789
			m_						49794
			m_						49793
			m_						49796
			m_						49795
			m_						49798
			md_						49797
	0.3	0.28	a_	M1	3.1				22711
			m_						49800
			m_						49799
			mc_						49801

DATA_TYPE COMMENT GSE2.1
Event 4046

Official Magnitude:
M1 2.78

Error ellipse:

	Azim	Dip	Mag
Max:	296	76	1.1600
Intermediate:	86	11	0.8100
Min:	177	7	0.4800

BEGIN GSE2.1
MSG_TYPE DATA

MSG_ID 1602054765 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4047 0.8 km from Shkozë, Elbasan, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/24	22:53:13.84		0.27	40.9902	19.8515				33.5	4.3	10	8	138	0.58	1.11	m	
OrigID 4165																	

Magnitude	Err	Nsta	Author	OrigID
M1	1.6	0.0	4	4165

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.35	0.0	Pg	22:53:20.762	0.0					___				m		49813
TIR	0.36	1.0	Sg	22:53:26.401	-2.3					___				m		49802
TIR	0.36	1.0	AM1	22:53:26.830						___		0.2	0.28	a	M1	22712
VLO	0.59	208.0	Sg	22:53:33.767	0.0					___				m		49804
VLO	0.59	208.0	Pg	22:53:25.149	-0.1					___				m		49803
VLO	0.59	208.0	AM1	22:53:37.550						___		0.6	0.62	a	M1	22713
KBN	0.80	116.0	S	22:53:40.417	0.0					___				m		49806
KBN	0.80	116.0	Pg	22:53:29.563	0.5					___				m		49805
PHP	0.82	32.0	Sg	22:53:41.310	-0.2					___				m		49808
PHP	0.82	32.0	P	22:53:29.206	-0.4					___				m		49807
PHP	0.82	32.0	AM1	22:53:43.600						___		0.1	0.24	a	M1	22714
SDA	1.09	346.0	S	22:53:50.220	0.2					___				m		49810
SDA	1.09	346.0	Pg	22:53:35.357	0.9					___				m		49809
SDA	1.09	346.0	AM1	22:53:52.390						___		0.1	0.40	a	M1	22715
SRN	1.11	174.0	Sg	22:53:51.348	0.0					___				m		49812
SRN	1.11	174.0	P	22:53:34.877	-0.4					___				m		49811

DATA_TYPE COMMENT GSE2.1
Event 4047

Official Magnitude:
M1 1.60

Error ellipse:

	Azim	Dip	Mag
Max:	237	87	4.3300
Intermediate:	98	2	0.7700
Min:	8	2	0.4500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054765 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4048 0.5 km from Zekth, Elbasan, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID	2020/09/25 00:23:33.60		0.14	40.9910	19.9137				24.5	11.9	9	7	132	0.36	1.11	m	
4166																	

Magnitude	Err	Nsta	Author	OrigID
Ml	1.8	0.0	4	4166

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.36	0.0	P	00:23:40.433	0.0									m		49825
TIR	0.36	355.0	Sg	00:23:46.821	-0.1									m		49814
TIR	0.36	355.0	AMl	00:23:47.440								0.2	0.18	a	Ml	1.5
VLO	0.61	212.0	S	00:23:54.209	0.7									m		49816
VLO	0.61	212.0	Pg	00:23:44.861	-0.1									m		49815
VLO	0.61	212.0	AMl	00:23:58.300								0.9	0.26	a	Ml	2.4
KBN	0.76	118.0	Sg	00:23:58.488	-0.0									m		49818
KBN	0.76	118.0	P	00:23:47.839	0.0									m		49817
PHP	0.80	29.0	S	00:24:00.142	0.1									m		49820
PHP	0.80	29.0	P	00:23:47.878	-0.9									m		49819
PHP	0.80	29.0	AMl	00:24:02.980								0.2	0.24	a	Ml	1.9
SDA	1.10	344.0	Sg	00:24:11.025	1.0									m		49822
SDA	1.10	344.0	Pg	00:23:54.622	0.2									m		49821
SDA	1.10	344.0	AMl	00:24:15.710								0.1	0.42	a	Ml	1.7
SRN	1.11	176.0	S	00:24:11.097	0.2									m		49824
SRN	1.11	176.0	Pg	00:23:54.761	-0.2									m		49823

DATA_TYPE COMMENT GSE2.1
Event 4048

Official Magnitude:
Ml 1.84

Error ellipse:

	Azim	Dip	Mag
Max:	0	90	11.9100
Intermediate:	268	0	0.3900
Min:	358	0	0.2100

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054765 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4049 0.4 km from ThanË«, Elbasan, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/25	01:09:47.26		0.38	41.0178	19.9548				7.0	26.7	8	7	136	0.33	1.14	m	
4167																	

Magnitude	Err	Nsta	Author	OrigID
Ml	1.7	0.0	2	4167

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.35	0.0	P	01:09:53.310	0.0					---				m		49835
TIR	0.34	349.0	Sg	01:09:59.148	0.0					---				m		49826
VLO	0.65	213.0	Sg	01:10:08.694	0.3					---				m		49828
VLO	0.65	213.0	Pg	01:09:59.281	-0.1					---				m		49827
VLO	0.65	213.0	AMl	01:10:10.750						---		0.4	0.30	a	Ml	2.0
KBN	0.74	121.0	S	01:10:12.334	0.4					---				m		49830
KBN	0.74	121.0	Pg	01:10:00.756	-0.6					---				m		49829
PHP	0.76	28.0	Sg	01:10:13.211	0.4					---				m		49832
PHP	0.76	28.0	Pg	01:10:01.396	-0.4					---				m		49831
PHP	0.76	28.0	AMl	01:10:15.580						---		0.1	0.30	a	Ml	1.3
SRN	1.14	178.0	Sg	01:10:25.212	-1.3					---				m		49834
SRN	1.14	178.0	Pg	01:10:08.151	-1.6					---				m		49833

DATA_TYPE COMMENT GSE2.1
Event 4049

Official Magnitude:
Ml 1.66

Error ellipse:

	Azim	Dip	Mag
Max:	288	88	26.7200
Intermediate:	100	1	0.8200
Min:	190	0	0.5500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054765 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4050 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/25	02:24:11.23		0.18	41.0180	19.8780				7.0	11.6	7	7	170	0.33	1.14	m	
4168																	

Magnitude	Err	Nsta	Author	OrigID
Ml	1.6	0.0	2	4168

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
TIR	0.32	0.0	Pg	02:24:17.120	0.0					---				m		49845	
TIR	0.33	359.0	Sg	02:24:22.889	0.0					---				m		49836	
PHP	0.79	32.0	S	02:24:36.753	-1.0					---				m		49838	
PHP	0.79	32.0	Pg	02:24:24.979	-1.4					---				m		49837	
PHP	0.79	32.0	AMl	02:24:39.510						---		0.1	0.30	a	Ml	1.7	22722
KBN	0.79	119.0	S	02:24:37.434	-0.2					---				m		49840	
KBN	0.79	119.0	Pg	02:24:26.547	0.3					---				m		49839	
SDA	1.07	345.0	S	02:24:47.660	0.0					---				m		49842	
SDA	1.07	345.0	P	02:24:31.893	-0.2					---				m		49841	
SDA	1.07	345.0	AMl	02:24:48.830						---		0.0	0.28	a	Ml	1.4	22723
SRN	1.14	175.0	Sg	02:24:50.415	-0.2					---				m		49844	
SRN	1.14	175.0	Pg	02:24:33.991	0.3					---				m		49843	

DATA_TYPE COMMENT GSE2.1
Event 4050

Official Magnitude:
Ml 1.55

Error ellipse:

	Azim	Dip	Mag
Max:	27	89	11.5600
Intermediate:	72	0	0.6600
Min:	162	1	0.2500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054765 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4051 0.7 km from Uruçaj, Elbasan, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/25	02:34:17.64		0.10	41.0108	19.8847				22.4	8.7	9	7	136	0.33	1.13	m	
4169																	

Magnitude	Err	Nsta	Author	OrigID
Ml	1.9	0.0	3	4169

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
TIR	0.34	0.0	Pg	02:34:24.265	0.0					---				m		49857	
TIR	0.34	358.0	S	02:34:30.446	0.1					---				m		49846	
VLO	0.62	209.0	Sg	02:34:37.697	-0.1					---				m		49848	
VLO	0.62	209.0	Pg	02:34:29.167	0.0					---				m		49847	
VLO	0.62	209.0	AMl	02:34:42.030						---		1.3	0.38	a	Ml	2.6	22724

KBN	0.79	119.0	Sg	02:34:44.910	1.5	---	m	---	49850
KBN	0.79	119.0	Pg	02:34:32.330	-0.1	---	m	---	49849
PHP	0.79	31.0	Sg	02:34:44.552	0.6	---	m	---	49852
PHP	0.79	31.0	Pg	02:34:32.583	-0.1	---	m	---	49851
PHP	0.79	31.0	AMl	02:34:48.780		---	0.2	0.36 a Ml 1.9	22725
SDA	1.08	345.0	S	02:34:53.248	-0.1	---	m	---	49854
SDA	1.08	345.0	P	02:34:38.016	-0.0	---	m	---	49853
SDA	1.08	345.0	AMl	02:34:55.440		---	0.1	0.30 a Ml 1.9	22726
SRN	1.13	175.0	Sg	02:34:55.584	-0.1	---	m	---	49856
SRN	1.13	175.0	Pg	02:34:39.592	0.2	---	m	---	49855

DATA_TYPE COMMENT GSE2.1
Event 4051

Official Magnitude:
Ml 1.93

Error ellipse:

	Azim	Dip	Mag
Max:	0	90	8.7400
Intermediate:	272	0	0.3900
Min:	2	0	0.1500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054764 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4052 1.0 km from Ātopanaj, Elbasan, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/25	12:58:03.05		0.13	41.0405	19.7793				17.5	0.6	10	9	148	0.31	1.17	m	
4170																	

Magnitude	Err	Nsta	Author	OrigID
Md	2.6	0.0	5	4170
Ml	2.2	0.0	5	4170

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.31	11.0	S	12:58:14.726	-0.0					---				m		49859
TIR	0.31	11.0	P	12:58:10.638	0.9					---				m		49858
TIR	0.31	11.0	AMd	12:58:42.744						---		0.0	32.11	a Md	2.3	22727
TIR	0.31	11.0	AMl	12:58:17.750						---		0.4	0.24	a Ml	1.7	22732
VLO	0.61	201.0	S	12:58:22.947	-0.1					---				m		49861
VLO	0.61	201.0	P	12:58:13.037	-1.4					---				m		49860
VLO	0.61	201.0	AMd	12:58:55.083						---		0.0	42.05	a Md	2.6	22728
VLO	0.61	201.0	AMl	12:58:29.920						---		1.3	0.18	a Ml	2.5	22733

PHP	0.81	37.0	S	12:58:31.060	0.8	---	m	49863
PHP	0.81	37.0	P	12:58:18.678	0.1	---	m	49862
PHP	0.81	37.0	AMd	12:59:04.960		---	0.0 46.28 a Md 2.7	22729
PHP	0.81	37.0	AMl	12:58:33.830		---	0.5 0.30 a Ml 2.3	22734
KBN	0.87	118.0	S	12:58:31.565	-0.1	---	m	49864
SDA	1.03	349.0	P	12:58:22.935	0.2	---	m	49866
SDA	1.03	349.0	S	12:58:37.278	-0.2	---	m	49865
SDA	1.03	349.0	AMd	12:59:09.184		---	0.0 46.25 a Md 2.7	22730
SDA	1.03	349.0	AMl	12:58:43.140		---	0.2 0.24 a Ml 2.1	22735
LSK	1.09	144.0	S	12:58:39.026	0.1	---	m	49867
SRN	1.17	171.0	S	12:58:42.494	-0.0	---	m	49869
SRN	1.17	171.0	P	12:58:25.657	0.1	---	m	49868
SRN	1.17	171.0	AMd	12:59:14.119		---	0.0 0.00 a Md 0.0	22731
SRN	1.17	171.0	AMl	12:58:47.060		---	0.2 0.30 a Ml 2.2	22736

DATA_TYPE COMMENT GSE2.1
Event 4052

Official Magnitude:
Ml 2.18

Error ellipse:

	Azim	Dip	Mag
Max:	281	73	0.6200
Intermediate:	82	15	0.3400
Min:	173	5	0.1600

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054764 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4053 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/25	21:48:18.15		0.41	40.9922	19.8642				12.0	3.9	11	17	172	0.35	1.50	m	
4171																	

Magnitude	Err	Nsta	Author	OrigID
Ml	1.5	0.0	2	4171

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.35	0.0	Pg	21:48:24.796	0.0									mc		49883
TIR	0.36	0.0	Sg	21:48:31.151	0.4									m		49870
TIR	0.36	0.0	AMl	21:48:35.500								0.3	0.28	a Ml	1.5	22738
TIR	0.36	0.0	AMl	21:48:35.090								0.3	0.56	a Ml	1.5	22737
KBN	0.79	117.0	Sg	21:48:44.584	0.1									m		49872

KBN	0.79	117.0	Pg	21:48:32.144	-1.1	---	m_	49871
PHP	0.82	31.0	Sg	21:48:45.237	-0.4	---	m_	49874
PHP	0.82	31.0	Pg	21:48:31.978	-1.9	---	md_	49873
PHP	0.82	31.0	AMl	21:48:49.120		---	a_ Ml	22739
LSK	1.01	146.0	Sg	21:48:52.963	0.7	---	m_	49876
LSK	1.01	146.0	Pg	21:48:39.803	2.2	---	m_	49875
SDA	1.09	346.0	Sg	21:48:55.538	0.5	---	m_	49878
SDA	1.09	346.0	Pg	21:48:38.780	-0.5	---	m_	49877
SRN	1.12	174.0	Sg	21:48:55.985	-0.4	---	m_	49880
SRN	1.12	174.0	Pg	21:48:40.271	0.3	---	m_	49879
IGT	1.50	166.0	Sn	21:49:07.682	-0.1	---	m_	49882
IGT	1.50	166.0	Pn	21:48:46.556	0.1	---	m_	49881

DATA_TYPE COMMENT GSE2.1
Event 4053

Official Magnitude:
Ml 1.50

Error ellipse:

	Azim	Dip	Mag
Max:	70	62	4.3900
Intermediate:	263	27	1.1400
Min:	170	5	0.5200

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054764 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4054 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/26	02:26:43.23		0.51	41.0337	19.8433				35.0	3.1	10	16	119	0.31	2.12	m	
4172																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.0	0.0	3	4172

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.31	2.0	Sg	02:26:57.599	0.3									m_		49885
TIR	0.31	2.0	Pg	02:26:50.749	-0.5									m_		49884
TIR	0.31	2.0	AMl	02:27:02.730								0.4	0.52	a_ Ml	1.8	22740
PHP	0.79	34.0	Sg	02:27:10.155	0.2									m_		49887
PHP	0.79	34.0	Pg	02:26:58.127	-0.4									md_		49886
PHP	0.79	34.0	AMl	02:27:12.730								0.2	0.34	a_ Ml	2.0	22741
KBN	0.82	119.0	Sg	02:27:10.648	0.0									m_		49889

KBN	0.82	119.0	Pg	02:26:57.548	-1.3	_____												mc_	49888
KBN	0.82	119.0	AMl	02:27:13.090		_____												a_ Ml	22742
SDA	1.05	346.0	Sg	02:27:21.365	3.2	_____												m_	49891
SDA	1.05	346.0	Pg	02:27:04.255	1.1	_____												m_	49890
LSK	1.05	146.0	Sn	02:27:18.193	0.1	_____												m_	49893
LSK	1.05	146.0	Pn	02:27:03.924	0.8	_____												m_	49892
NOCI	2.12	265.0	Sn	02:27:46.796	-0.1	_____												m_	49895
NOCI	2.12	265.0	Pn	02:27:22.224	2.6	_____												m_	49894

DATA_TYPE COMMENT GSE2.1
Event 4054

Official Magnitude:
Ml 2.00

Error ellipse:

	Azim	Dip	Mag
Max:	59	61	3.5500
Intermediate:	242	28	1.1300
Min:	151	1	0.9700

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054764 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4056 0.5 km from Cullhenj, Elbasan, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/26	17:09:57.01		0.55	40.9953	19.8168				25.4	2.3	16	38	85	0.35	3.14	m	
4174																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.5	0.0	4	4174

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
TIR	0.35	5.0	Sg	17:10:10.689	-0.0					_____						m_	49903
TIR	0.35	5.0	Pg	17:10:04.619	-0.2					_____						m_	49902
TIR	0.35	5.0	AMl	17:10:16.948						_____		1.2	0.50	a_ Ml	2.2		22745
TIR	0.35	5.0	AMl	17:10:14.618						_____		0.8	0.42	a_ Ml	2.0		22744
KBN	0.82	116.0	Sg	17:10:23.906	-0.2					_____						m_	49905
KBN	0.82	116.0	Pg	17:10:11.864	-0.6					_____						m_	49904
KBN	0.82	116.0	AMl	17:10:29.428						_____		0.6	0.54	a_ Ml	2.5		22746
PHP	0.83	34.0	Sg	17:10:24.530	-0.1					_____						m_	49907
PHP	0.83	34.0	Pg	17:10:12.260	-0.6					_____						m_	49906
PHP	0.83	34.0	AMl	17:10:27.118						_____		0.6	0.30	a_ Ml	2.5		22747
LSK	1.03	144.0	Sg	17:10:31.181	0.1					_____						m_	49909

LSK	1.03	144.0	Pg	17:10:16.202	-0.3	---	m	49908
SRN	1.12	172.0	Sg	17:10:35.305	0.6	---	m	49911
SRN	1.12	172.0	Pg	17:10:19.066	0.5	---	m	49910
SRN	1.12	172.0	AMl	17:10:40.108		---	a	22748
KEK	1.28	181.0	Pg	17:10:20.341	-0.7	---	m	49912
PDG	1.49	344.0	Sg	17:10:46.414	0.9	---	m	49914
PDG	1.49	344.0	Pg	17:10:25.067	0.4	---	m	49913
IGT	1.51	164.0	Sn	17:10:46.518	0.5	---	m	49916
IGT	1.51	164.0	Pn	17:10:25.909	0.9	---	m	49915
NOCI	2.10	266.0	Sn	17:10:54.822	-6.7	---	m	49918
NOCI	2.10	266.0	Pn	17:10:32.702	-1.2	---	m	49917
SGRT	3.14	286.0	Pn	17:10:45.816	-3.5	---	m	49919

DATA_TYPE COMMENT GSE2.1
Event 4056

Official Magnitude:
Ml 2.45

Error ellipse:

	Azim	Dip	Mag
Max:	77	59	2.6700
Intermediate:	263	30	1.4500
Min:	171	3	0.7600

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054764 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4057 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/26	17:49:12.98		0.50	40.9955	19.8607				10.0	3.6	13	38	92	0.35	2.13	m	
4175																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.0	0.0	5	4175

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.35	0.0	Sg	17:49:25.170	-0.3									m		49921
TIR	0.35	0.0	Pg	17:49:20.085	-0.0									m		49920
TIR	0.35	0.0	AMl	17:49:32.660								0.6	0.44	a	Ml	22750
TIR	0.35	0.0	AMl	17:49:30.280								0.7	0.58	a	Ml	22749
KBN	0.79	117.0	Sg	17:49:39.927	0.5									m		49922
KBN	0.79	117.0	AMl	17:49:43.950								0.2	0.50	a	Ml	22751
PHP	0.81	32.0	Sg	17:49:39.726	-0.7									m		49924

PHP	0.81	32.0	Pg	17:49:26.906	-1.7	---												m		49923	
PHP	0.81	32.0	AMl	17:49:42.490		---												a	Ml	2.3	22752
LSK	1.01	146.0	Sg	17:49:47.023	-0.3	---												m			49926
LSK	1.01	146.0	Pg	17:49:35.529	2.9	---												m			49925
SDA	1.09	346.0	Sg	17:49:50.863	0.9	---												m			49928
SDA	1.09	346.0	Pg	17:49:34.685	0.6	---												m			49927
SDA	1.09	346.0	AMl	17:49:51.330		---												a	Ml	2.1	22753
SRN	1.12	174.0	Sg	17:49:49.953	-1.6	---												m			49930
SRN	1.12	174.0	Pg	17:49:34.892	-0.1	---												m			49929
SRN	1.12	174.0	AMl	17:49:54.710		---												a	Ml	2.5	22754
IGT	1.51	166.0	Sn	17:50:03.242	0.3	---												m			49932
IGT	1.51	166.0	Pn	17:49:41.750	0.2	---												m			49931
NOCI	2.13	266.0	Pn	17:49:51.289	-0.6	---												m			49933

DATA_TYPE COMMENT GSE2.1
Event 4057

Official Magnitude:
Ml 2.03

Error ellipse:

	Azim	Dip	Mag
Max:	71	64	3.9500
Intermediate:	258	25	1.1900
Min:	167	3	0.6100

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054764 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4060 0.2 km from Gërdec, Tirana, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/09/27	10:29:06.55		0.34	41.4195	19.6295				22.4	3.5	12	12	92	0.19	2.04	m	
4178																	

Magnitude	Err	Nsta	Author	OrigID
Ml	2.5	0.0	4	4178

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.19	111.0	Sg	10:29:14.755	0.1											49971
TIR	0.19	111.0	Pg	10:29:11.606	0.4											49970
TIR	0.19	111.0	AMl	10:29:15.520								4.2	0.28	a	Ml	2.6
TIR	0.19	111.0	AMl	10:29:15.100								2.8	0.36	a	Ml	2.5
SDA	0.64	352.0	Sg	10:29:28.766	0.2											49973
SDA	0.64	352.0	Pg	10:29:17.562	-1.6											49972

SDA	0.64	352.0	AM1	10:29:31.340		0.2	0.28	a__	M1	1.8	22764
PHP	0.66	66.0	Sg	10:29:29.083	0.2			m__			49975
PHP	0.66	66.0	Pg	10:29:18.521	-0.8			mc__			49974
PHP	0.66	66.0	AM1	10:29:32.850		0.3	0.52	a__	M1	2.0	22765
PDG	1.05	345.0	Sg	10:29:41.390	0.2			m__			49977
PDG	1.05	345.0	Pg	10:29:25.825	-0.5			md__			49976
LSK	1.47	149.0	Sn	10:29:56.418	2.4			m__			49979
LSK	1.47	149.0	Pn	10:29:36.534	2.9			m__			49978
KEK	1.71	175.0	Sn	10:30:01.110	-0.3			m__			49981
KEK	1.71	175.0	Pn	10:29:38.032	0.2			m__			49980
IGT	1.96	163.0	Sn	10:30:07.971	0.0			m__			49983
IGT	1.96	163.0	Pn	10:29:43.875	2.2			m__			49982
NOCI	2.04	253.0	Sn	10:30:09.871	-0.1			m__			49985
NOCI	2.04	253.0	Pn	10:29:43.147	0.4			m__			49984
NOCI	2.04	253.0	AM1	10:30:14.280		0.1	0.16	a__	M1	2.5	22766

DATA_TYPE COMMENT GSE2.1
Event 4060

Official Magnitude:
M1 2.47

Error ellipse:

	Azim	Dip	Mag
Max:	41	68	3.7900
Intermediate:	262	16	0.6700
Min:	168	14	0.5100

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054763 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4063 0.8 km from KurtinË, Fier, Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/27	14:43:49.30		0.27	40.9828	19.8115				6.9	2.0	14	38	164	0.82	1.50	m	
4181																	

Magnitude	Err	Nsta	Author	OrigID
M1	2.7	0.0	5	4181

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.37	0.0	P	14:43:55.850	0.0									m__		50050
TIR	0.37	6.0	S	14:44:03.916	1.7									m__		50033
TIR	0.37	6.0	AM1	14:44:10.420								2.8	0.42	a__	M1	2.5
KBN	0.82	115.0	S	14:44:16.495	-0.1									m__		50035

KBN	0.82	115.0	P	14:44:04.945	0.1
KBN	0.82	115.0	AM1	14:44:19.500	
PHP	0.85	33.0	S	14:44:17.402	-0.3
PHP	0.85	33.0	P	14:44:04.406	-1.1
PHP	0.85	33.0	AM1	14:44:21.540	
LSK	1.03	143.0	S	14:44:25.426	1.5
LSK	1.03	143.0	P	14:44:13.109	4.0
SDA	1.09	348.0	S	14:44:26.696	0.3
SDA	1.09	348.0	P	14:44:10.267	-0.3
SDA	1.09	348.0	AM1	14:44:31.360	
SDA	1.09	348.0	AM1	14:44:28.950	
SRN	1.11	172.0	S	14:44:27.550	-0.2
SRN	1.11	172.0	P	14:44:11.387	0.2
SRN	1.11	172.0	AM1	14:44:31.780	
KEK	1.27	181.0	S	14:44:31.292	-0.9
KEK	1.27	181.0	P	14:44:13.438	-0.4
PDG	1.50	345.0	S	14:44:39.567	0.1
PDG	1.50	345.0	P	14:44:18.002	0.0
IGT	1.50	164.0	S	14:44:40.134	0.7
IGT	1.50	164.0	P	14:44:18.226	0.3

				m													50034
0.9	0.56	a	M1														22775
		m															50037
		m															50036
1.2	0.30	a	M1														22776
		m															50039
		m															50038
		m															50041
		m															50040
0.6	0.40	a	M1														22778
0.9	0.46	a	M1														22777
		m															50043
		m															50042
1.3	0.52	a	M1														22779
		m															50045
		m															50044
		m															50049
		m															50048
		m															50047
		m															50046

DATA_TYPE COMMENT GSE2.1
Event 4063

Official Magnitude:
M1 2.68

Error ellipse:

	Azim	Dip	Mag
Max:	66	73	2.0600
Intermediate:	256	16	0.9500
Min:	165	3	0.2900

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054763 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4065 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/28	22:50:48.04		0.07	41.0283	19.9128				28.1	1.0	7	37	144	0.32	1.32	m	
4183																	

Magnitude	Err	Nsta	Author	OrigID
M1	2.4	0.0	4	4183

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
TIR	0.32	0.0	P	22:50:55.400	0.0					___				m		50079
TIR	0.32	354.0	S	22:51:01.062	-0.1					___				m		50069
TIR	0.32	354.0	AM1	22:51:06.440						___		1.4	0.66	a	M1	2.3
TIR	0.32	354.0	AM1	22:51:07.780						___		2.0	0.54	a	M1	2.4
VLO	0.64	210.0	S	22:51:10.275	1.0					___				m		50071
VLO	0.64	210.0	P	22:51:00.207	0.0					___				m		50070
VLO	0.64	210.0	AM1	22:51:12.870						___		2.2	0.44	a	M1	2.9
VLO	0.64	210.0	AM1	22:51:14.420						___		2.1	0.64	a	M1	2.8
PHP	0.77	31.0	S	22:51:13.888	0.1					___				m		50073
PHP	0.77	31.0	P	22:51:02.710	-0.0					___				m		50072
PHP	0.77	31.0	AM1	22:51:15.750						___		0.1	0.24	a	M1	1.7
KBN	0.78	121.0	S	22:51:13.243	-0.5					___				m		50075
KBN	0.78	121.0	P	22:51:02.818	0.1					___				m		50074
KBN	0.78	121.0	AM1	22:51:15.990						___		0.3	0.50	a	M1	2.1
LSK	1.02	149.0	P	22:51:07.241	-0.1					___				m		50076
SRN	1.15	176.0	P	22:51:10.113	0.0					___				m		50077
KEK	1.32	184.0	P	22:51:11.570	-1.1					___				m		50078

DATA_TYPE COMMENT GSE2.1
Event 4065

Official Magnitude:
M1 2.36

Error ellipse:

	Azim	Dip	Mag
Max:	329	79	0.9700
Intermediate:	104	7	0.3800
Min:	195	8	0.2100

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054763 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4066 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/30	00:36:55.54		0.11	40.0697	20.4473				27.1	0.3	9	38	135	0.14	1.61	m	
4184																	

Magnitude	Err	Nsta	Author	OrigID
M1	1.9	0.0	3	4184

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
LSK	0.14	55.0	Sg	00:37:04.171	0.0					___				m		50081

LSK	0.14	55.0	Pg	00:37:00.183	-0.3	---	m	50080
SRN	0.39	242.0	Sg	00:37:11.194	0.0	---	m	50083
SRN	0.39	242.0	Pg	00:37:04.380	-0.1	---	m	50082
SRN	0.39	242.0	AM1	00:37:13.110		---	1.1 0.52 a M1 2.2	22790
IGT	0.54	190.0	Sg	00:37:15.034	0.1	---	m	50085
IGT	0.54	190.0	Pg	00:37:06.612	-0.0	---	m	50084
IGT	0.54	190.0	AM1	00:37:19.340		---	0.3 0.20 a M1 1.8	22791
KBN	0.61	25.0	Sg	00:37:16.613	0.5	---	m	50087
KBN	0.61	25.0	Pg	00:37:05.457	-1.9	---	m	50086
PHP	1.61	0.0	Sn	00:37:46.539	-0.1	---	m	50089
PHP	1.61	0.0	Pn	00:37:24.814	0.1	---	m	50088
PHP	1.61	0.0	AM1	00:37:54.290		---	0.0 0.60 a M1 1.9	22792

DATA_TYPE COMMENT GSE2.1
Event 4066

Official Magnitude:
M1 1.94

Error ellipse:

	Azim	Dip	Mag
Max:	122	35	0.5300
Intermediate:	270	49	0.3000
Min:	20	17	0.1900

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054763 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4067 Region N/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/09/30	08:07:26.83		0.37	40.0912	20.5632				15.7	1.9	9	37	139	0.06	1.23	m	
4185																	

Magnitude	Err	Nsta	Author	OrigID
M1	1.6	0.0	1	4185

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
LSK	0.06	24.0	Sg	08:07:31.627	0.2									m		50091
LSK	0.06	24.0	Pg	08:07:28.795	-0.7									m		50090
SRN	0.48	245.0	Sg	08:07:45.044	0.6									m		50093
SRN	0.48	245.0	Pg	08:07:36.541	-0.3									m		50092
IGT	0.59	198.0	Sg	08:07:46.986	-0.2									m		50095
IGT	0.59	198.0	Pg	08:07:38.952	0.5									m		50094
IGT	0.59	198.0	AM1	08:07:51.700								0.2	0.74	a M1	1.6	22793

KEK	0.70	238.0	Sg	08:07:50.683	-0.3	---	m	50097
KEK	0.70	238.0	Pg	08:07:38.513	-2.1	---	m	50096
THL	1.23	114.0	Pg	08:07:50.516	0.3	---	m	50099
THL	1.23	114.0	Sg	08:08:07.597	-0.2	---	m	50098

DATA_TYPE COMMENT GSE2.1
Event 4067

Official Magnitude:
Ml 1.63

Error ellipse:

	Azim	Dip	Mag
Max:	339	46	2.6600
Intermediate:	155	43	0.8900
Min:	247	2	0.7100

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

EGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054775 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3942 2.0 km from Palaioch³ri, Thessaly, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2020/09/02	17:31:33.86		0.49	39.5238	21.3228				7.2	1.7	21	36	71	0.54	4.42	m		4059

Magnitude	Err	Nsta	Author	OrigID
Ml	3.0	0.0	3	4059

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
THL	0.54	85.0	Sg	17:31:52.149	-0.3										m	48427
THL	0.54	85.0	Pg	17:31:44.821	0.4										m	48426

IGT	0.77	271.0	Sg	17:32:00.013	-0.2	---	m	48429
IGT	0.77	271.0	Pg	17:31:48.544	-0.4	---	m	48428
LKD2	0.90	216.0	Sg	17:32:04.961	0.5	---	m	48431
LKD2	0.90	216.0	Pg	17:31:51.161	-0.2	---	m	48430
SRN	1.08	290.0	Sg	17:32:11.334	0.1	---	m	48433
SRN	1.08	290.0	Pg	17:31:55.005	-0.2	---	m	48432
KBN	1.17	340.0	Sg	17:32:13.420	0.6	---	m	48435
KBN	1.17	340.0	Pg	17:31:57.360	1.2	---	m	48434
KBN	1.17	340.0	AMl	17:32:25.380		1.3 0.58 a Ml 3.0		22271
KEK	1.19	280.0	Sg	17:32:14.963	0.6	---	m	48437
KEK	1.19	280.0	Pg	17:31:55.999	-1.0	---	m	48436
KLv	1.61	156.0	Sg	17:32:27.667	0.2	---	m	48439
KLv	1.61	156.0	Pg	17:32:04.551	0.1	---	m	48438
THE	1.68	48.0	Pn	17:32:04.063	-1.5	---	m	48440
TIR	2.13	330.0	Sn	17:32:42.163	-0.4	---	m	48442
TIR	2.13	330.0	Pn	17:32:12.689	-0.4	---	m	48441
TIR	2.13	330.0	AMl	17:32:59.280		0.3 0.70 a Ml 3.0		22272
PHP	2.26	344.0	Sn	17:32:43.141	-2.1	---	m	48444
PHP	2.26	344.0	Pn	17:32:14.814	0.2	---	m	48443
PHP	2.26	344.0	AMl	17:32:53.760		0.4 0.54 a Ml 3.2		22273
ITM	2.39	168.0	Pn	17:32:16.805	-0.0	---	m	48445
SDA	2.88	332.0	Pn	17:32:24.466	0.4	---	m	48446
TIP	3.56	266.0	Pn	17:32:30.100	-3.9	---	m	48447
CUC	4.27	279.0	Pn	17:32:42.510	-2.1	---	m	48448
CEL	4.42	256.0	Pn	17:32:42.293	-4.5	---	m	48449

DATA TYPE COMMENT GSE2.1
Event 3942

Official Magnitude:
Ml 3.04

Error ellipse:

	Azim	Dip	Mag
Max:	239	82	1.7400
Intermediate:	30	6	0.7600
Min:	120	4	0.6100

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054775 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3945 Mediterranean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2020/09/03	15:28:00.55		0.04	39.3027	19.2005				11.0	0.9	8	6	293	0.62	1.25	m		4062

Magnitude	Err	Nsta	Author	OrigID
Ml	2.7	0.0	2	4062

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
KEK	0.62	48.0	S	15:28:21.833	0.0									m		48493
KEK	0.62	48.0	P	15:28:12.780	0.1									m		48492

SRN	0.85	46.0	S	15:28:30.062	-0.1	---												m	48495
SRN	0.85	46.0	P	15:28:17.413	-0.0	---												m	48494
SRN	0.85	46.0	AMl	15:28:30.820		---							0.8	0.38	a	Ml	2.6		22277
IGT	0.90	75.0	S	15:28:31.544	0.1	---												m	48497
IGT	0.90	75.0	P	15:28:18.179	-0.0	---												m	48496
LKD2	1.25	113.0	S	15:28:42.313	0.0	---												m	48499
LKD2	1.25	113.0	P	15:28:24.417	0.0	---												m	48498
LKD2	1.25	113.0	AMl	15:28:43.360		---							0.6	0.54	a	Ml	2.8		22278

DATA_TYPE COMMENT GSE2.1
Event 3945

Official Magnitude:
Ml 2.66

Error ellipse:

	Azim	Dip	Mag
Max:	358	67	0.9600
Intermediate:	266	1	0.3800
Min:	176	23	0.1600

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054775 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3951 0.6 km from Mesoura, Epirus, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2020/09/04	22:09:44.11		0.02	39.4067	20.8313				6.9	1.2	6	4	246	0.40	0.86	m		4068

Magnitude	Err	Nsta	Author	OrigID
Ml	1.9	0.0	1	4068

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
IGT	0.41	288.0	S	22:09:58.392	0.0											48553	
IGT	0.41	288.0	P	22:09:52.231	-0.0											48552	
LKD2	0.63	193.0	S	22:10:06.539	0.7											48555	
LKD2	0.63	193.0	P	22:09:56.516	0.0											48554	
LKD2	0.63	193.0	AMl	22:10:08.470								0.3	0.82	a	Ml	1.9	22300
SRN	0.80	307.0	P	22:10:00.054	0.0											48557	
SRN	0.80	307.0	S	22:10:12.973	1.0											48556	
KEK	0.86	292.0	S	22:10:13.362	-0.0											48559	
KEK	0.86	292.0	P	22:10:00.832	0.0											48558	

DATA_TYPE COMMENT GSE2.1
Event 3951

Official Magnitude:
Ml 1.92

Error ellipse:

	Azim	Dip	Mag
Max:	251	88	1.1900

Intermediate: 61 1 0.2200
Min: 151 0 0.0500

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054773 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3968 10 km from Antã-paxos, Ionian Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2020/09/09	08:58:46.92		0.30	39.1173	20.3332				15.9	1.0	10	11	163	0.41	3.02	m		4085

Magnitude	Err	Nsta	Author	OrigID
Md	2.6	0.0	5	4085
Ml	3.7	0.0	4	4085

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
IGT	0.41	0.0	S	08:59:01.409	-0.3											48786
IGT	0.41	0.0	P	08:58:55.302	-0.1											48785
IGT	0.41	0.0	AMd	08:59:34.629								0.0	39.33	a	Md	1.9
IGT	0.41	0.0	AMl	08:59:03.918								57.6	0.46	a	Ml	3.9
LKD2	0.41	142.0	S	08:59:01.738	0.0											48788
LKD2	0.41	142.0	P	08:58:57.041	1.7											48787
LKD2	0.41	142.0	AMd	09:00:01.076								0.0	64.04	a	Md	2.4
LKD2	0.41	142.0	AMl	08:59:07.308								23.6	0.58	a	Ml	3.5
SRN	0.80	342.0	S	08:59:15.451	0.4											48790
SRN	0.80	342.0	P	08:59:02.609	-0.4											48789
SRN	0.80	342.0	AMd	09:00:16.737								0.0	74.13	a	Md	2.6
VLO	1.50	335.0	S	08:59:34.712	0.0											48791
VLO	1.50	335.0	AMl	08:59:45.168								6.0	0.52	a	Ml	3.9
KBN	1.54	12.0	S	08:59:37.016	0.4											48793
KBN	1.54	12.0	P	08:59:15.488	0.2											48792
KBN	1.54	12.0	AMd	09:00:36.926								0.0	81.44	a	Md	2.7
TIR	2.26	352.0	S	08:59:56.554	-0.5											48795
TIR	2.26	352.0	P	08:59:23.838	-3.2											48794
TIR	2.26	352.0	AMd	09:00:55.715								0.0	91.88	a	Md	3.5
TIR	2.26	352.0	AMl	09:00:13.868								0.7	0.54	a	Ml	3.5
NOCI	3.02	305.0	S	09:00:16.868	0.2											48796

DATA TYPE COMMENT GSE2.1

Event 3968

Official Magnitude:

Ml 3.72

Error ellipse:

	Azim	Dip	Mag
Max:	74	39	1.6100
Intermediate:	225	46	1.0700
Min:	331	15	0.5900

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054773 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3971 2.0 km from Monopylo, West Macedonia, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2020/09/10	06:12:17.63		0.37	40.4752	20.8938				8.3	2.3	12	37	151	0.17	1.69	m		4088

Magnitude	Err	Nsta	Author	OrigID
M1	2.6	0.0	4	4088

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
KBN	0.17	332.0	Sg	06:12:23.242	0.1									m		48838	
KBN	0.17	332.0	Pg	06:12:20.794	0.0									m		48837	
SRN	0.91	230.0	Sg	06:12:48.962	-0.3									m		48840	
SRN	0.91	230.0	Pg	06:12:35.169	-0.5									m		48839	
SRN	0.91	230.0	AM1	06:12:51.940								0.8	1.18	a	M1	2.6	22388
IGT	1.04	205.0	Sg	06:12:52.977	0.0									m		48842	
IGT	1.04	205.0	Pg	06:12:37.935	0.1									m		48841	
IGT	1.04	205.0	AM1	06:12:57.990								0.7	0.50	a	M1	2.7	22389
VLO	1.07	271.0	Pg	06:12:39.772	2.1									m		48843	
KEK	1.13	229.0	Pg	06:12:40.172	0.5									m		48844	
TIR	1.17	319.0	Sg	06:12:58.156	0.8									m		48846	
TIR	1.17	319.0	Pg	06:12:38.418	-1.9									m		48845	
TIR	1.17	319.0	AM1	06:13:08.740								0.3	0.56	a	M1	2.4	22390
THL	1.25	136.0	Sn	06:12:59.694	-0.2									m		48848	
THL	1.25	136.0	Pn	06:12:42.180	0.4									m		48847	
PHP	1.26	345.0	Sg	06:12:58.951	-0.6									m		48850	
PHP	1.26	345.0	Pg	06:12:41.371	-0.2									m		48849	
PHP	1.26	345.0	AM1	06:13:13.120								0.5	0.74	a	M1	2.7	22391
LKD2	1.69	187.0	Pn	06:12:51.394	1.8									m		48851	

DATA TYPE COMMENT GSE2.1
Event 3971

Official Magnitude:
M1 2.63

Error ellipse:

	Azim	Dip	Mag
Max:	257	70	2.4100
Intermediate:	81	19	0.9200
Min:	351	1	0.5600

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054772 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3980 10 km from Pourn ri, Epirus, Greece

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

2020/09/11 15:10:35.33 0.01 39.0158 20.5797 8.5 0.2 7 11 156 0.23 1.57 m 4097

Magnitude Err Nsta Author OrigID
M1 2.1 0.0 3 4097

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
LKD2	0.23	164.0	S	15:10:43.854	0.0									m		48957
LKD2	0.23	164.0	P	15:10:40.200	0.0									m		48956
LKD2	0.23	164.0	AM1	15:10:45.350								2.0	0.20	a	M1 2.2	22418
IGT	0.55	340.0	S	15:10:54.328	-0.0									m		48959
IGT	0.55	340.0	P	15:10:46.224	0.0									m		48958
IGT	0.55	340.0	AM1	15:10:56.060								0.6	0.22	a	M1 2.1	22419
KEK	0.92	0.0	P	15:10:51.682	0.0									m		48964
KEK	0.92	320.0	S	15:11:06.863	-0.0									m		48960
SRN	0.97	333.0	S	15:11:10.041	0.9									m		48962
SRN	0.97	333.0	P	15:10:54.645	0.0									m		48961
SRN	0.97	333.0	AM1	15:11:11.580								0.1	0.34	a	M1 1.7	22420
KLV	1.57	127.0	P	15:11:05.076	0.0									m		48963

DATA_TYPE COMMENT GSE2.1
Event 3980

Official Magnitude:
M1 2.08

Error ellipse:

	Azim	Dip	Mag
Max:	247	53	0.2800
Intermediate:	66	36	0.0800
Min:	156	0	0.0200

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054772 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3983 3.6 km from Dendrochori, West Macedonia, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2020/09/12	01:41:43.96		0.15	40.6133	21.1413				2.0	0.9	7	8	173	0.27	1.37	m		4100

Magnitude Err Nsta Author OrigID
M1 1.5 0.0 2 4100

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
KBN	0.27	273.0	Sg	01:41:51.817	-1.5									m		48983
KBN	0.27	273.0	P	01:41:49.049	-0.3									mc		48982
KBN	0.27	273.0	AM1	01:41:52.610								0.7	0.20	a	M1 1.8	22428
PHP	1.19	334.0	Pg	01:42:07.378	0.2									m		48985
PHP	1.19	334.0	Sg	01:42:24.651	0.1									m		48984
PHP	1.19	334.0	AM1	01:42:26.710								0.0	0.50	a	M1 1.2	22429
THL	1.24	147.0	Sn	01:42:26.677	-0.1									m		48987
THL	1.24	147.0	Pn	01:42:07.295	-1.1									m		48986

IGT	1.25	211.0	Sg	01:42:26.923	0.0	---	m	48989
IGT	1.25	211.0	Pg	01:42:08.726	0.2	---	m	48988
KEK	1.37	230.0	Pg	01:42:10.741	-0.0	---	m	48990

DATA_TYPE COMMENT GSE2.1
Event 3983

Official Magnitude:
Ml 1.52

Error ellipse:

	Azim	Dip	Mag
Max:	264	71	0.9800
Intermediate:	68	17	0.4800
Min:	159	5	0.2600

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054772 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3984 1.4 km from Đulići, Andrijevac, Montenegro

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2020/09/12	05:27:22.46		0.01	42.6762	19.8147				12.5	0.2	5	6	274	0.48	1.33	m		4102

Magnitude	Err	Nsta	Author	OrigID
Ml	2.4	0.0	3	4102

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
PDG	0.48	0.0	P	05:27:31.847	0.0											49006
PDG	0.48	240.0	S	05:27:39.180	-0.0											48999
SDA	0.67	201.0	S	05:27:45.523	0.0											49001
SDA	0.67	201.0	P	05:27:35.618	-0.0											49000
SDA	0.67	201.0	AMl	05:27:49.538								0.5	0.32	a	Ml	2.2
PHP	1.09	154.0	S	05:27:58.812	-0.1											49003
PHP	1.09	154.0	P	05:27:42.048	-1.2											49002
PHP	1.09	154.0	AMl	05:28:01.838								0.4	0.54	a	Ml	2.4
TIR	1.33	178.0	P	05:27:47.686	0.0											49005
TIR	1.33	178.0	S	05:28:07.393	0.8											49004
TIR	1.33	178.0	AMl	05:28:12.618								0.5	0.40	a	Ml	2.8

DATA_TYPE COMMENT GSE2.1
Event 3984

Official Magnitude:
Ml 2.44

Error ellipse:

	Azim	Dip	Mag
Max:	218	56	0.2300
Intermediate:	356	25	0.2000
Min:	96	20	0.0400

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054771 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3993 0.6 km from PeÅ;tani, Ohrid, North Macedonia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2020/09/14	20:00:56.34		0.36	41.0132	20.8055				11.7	1.5	15	10	169	0.39	2.22	m		4111

Magnitude	Err	Nsta	Author	OrigID
M1	2.3	0.0	4	4111

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
KBN	0.39	183.0	Sg	20:01:09.487	0.2									m		49105
KBN	0.39	183.0	Pg	20:01:03.123	-0.6									mc		49104
KBN	0.39	183.0	AMl	20:01:10.650								2.2	0.30	a	M1	22465
PHP	0.72	338.0	Sg	20:01:21.067	0.3									m		49107
PHP	0.72	338.0	Pg	20:01:10.163	-0.1									mc		49106
PHP	0.72	338.0	AMl	20:01:27.600								0.4	0.26	a	M1	22466
TIR	0.78	296.0	Sg	20:01:23.232	-0.0									m		49109
TIR	0.78	296.0	Pg	20:01:11.751	0.0									m		49108
TIR	0.78	296.0	AMl	20:01:25.660								0.1	0.58	a	M1	22467
SRN	1.29	209.0	Sg	20:01:39.793	-0.2									m		49111
SRN	1.29	209.0	Pg	20:01:20.419	-0.9									m		49110
SDA	1.43	317.0	Sn	20:01:43.401	-0.3									m		49113
SDA	1.43	317.0	Pn	20:01:23.885	0.5									m		49112
SDA	1.43	317.0	AMl	20:01:48.070								0.2	0.48	a	M1	22468
IGT	1.52	194.0	Sg	20:01:47.209	0.6									m		49115
IGT	1.52	194.0	Pg	20:01:25.389	0.3									m		49114
THL	1.72	147.0	Sn	20:01:52.636	-0.0									m		49117
THL	1.72	147.0	Pn	20:01:27.056	-1.5									m		49116
PDG	1.83	322.0	Sn	20:01:57.685	1.6									m		49119
PDG	1.83	322.0	Pn	20:01:29.822	-0.7									m		49118
LKD2	2.22	183.0	Pn	20:01:35.515	-0.9									m		49120

DATA_TYPE COMMENT GSE2.1
Event 3993

Official Magnitude:
M1 2.26

Error ellipse:

	Azim	Dip	Mag
Max:	275	81	1.5100
Intermediate:	68	7	1.1700
Min:	158	4	0.4200

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054771 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 3996 4.7 km from Agios Georgios Argyradon, Ionian Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2020/09/15	20:25:48.65		0.05	39.4093	19.8995				7.0	4.3	5	10	277	0.31	0.48	m		4114

Magnitude	Err	Nsta	Author	OrigID
Md	1.9	0.0	3	4114
Ml	1.9	0.0	1	4114

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
KEK	0.31	346.0	S	20:26:01.039	1.3									m__		49140	
KEK	0.31	346.0	P	20:25:55.028	0.0									m__		49139	
KEK	0.31	346.0	AMd	20:26:26.222								0.0	31.19	a__	Md	2.3	22477
IGT	0.35	69.0	S	20:26:01.188	0.1									m__		49142	
IGT	0.35	69.0	P	20:25:55.700	-0.1									m__		49141	
IGT	0.35	69.0	AMd	20:26:25.603								0.0	29.90	a__	Md	1.6	22478
SRN	0.48	9.0	S	20:26:05.812	-0.0									m__		49144	
SRN	0.48	9.0	P	20:25:58.496	0.0									m__		49143	
SRN	0.48	9.0	AMd	20:26:36.752								0.0	38.26	a__	Md	1.9	22479
SRN	0.48	9.0	AMl	20:26:08.840								0.5	0.18	a__	Ml	1.9	22480

DATA_TYPE COMMENT GSE2.1
Event 3996

Official Magnitude:
Ml 1.89

Error ellipse:

	Azim	Dip	Mag
Max:	57	89	4.2700
Intermediate:	27	0	0.3900
Min:	117	0	0.1900

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054769 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4016 4.2 km from Gramos, West Macedonia, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2020/09/22	03:22:51.77		0.12	40.4220	20.8660				9.5	0.9	6	10	220	0.21	1.30	m		4134

Magnitude	Err	Nsta	Author	OrigID
Ml	2.0	0.0	2	4134

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	
KBN	0.21	344.0	Sg	03:22:58.558	-0.2									m__		49376	
KBN	0.21	344.0	Pg	03:22:55.934	0.2									mc__		49375	
KBN	0.21	344.0	AMl	03:22:59.080								1.6	0.28	a__	Ml	2.1	22542
SRN	0.86	232.0	Sg	03:23:21.763	0.1									m__		49378	
SRN	0.86	232.0	Pg	03:23:08.953	0.1									md__		49377	
IGT	0.98	206.0	Sg	03:23:25.041	-0.1									m__		49380	

IGT	0.98	206.0	Pn	03:23:08.486	-2.4	---	m	---	49379
KEK	1.08	230.0	P	03:23:11.680	-1.2	---	m	---	49381
PHP	1.30	346.0	Sg	03:23:34.901	-0.0	---	m	---	49383
PHP	1.30	346.0	Pg	03:23:15.186	-1.2	---	m	---	49382
PHP	1.30	346.0	AMl	03:23:36.890		---	0.1	0.48 a Ml 1.8	22543

DATA_TYPE COMMENT GSE2.1
Event 4016

Official Magnitude:
Ml 1.96

Error ellipse:

	Azim	Dip	Mag
Max:	102	2	1.2400
Intermediate:	240	86	0.9300
Min:	12	3	0.2200

BEGIN GSE2.1
MSG_TYPE DATA
MSG_ID 1602054764 athena
DATA_TYPE BULLETIN GSE2.1:SHORT

Event 4055 1.1 km from Ktismata, Epirus, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2020/09/26	07:05:45.86		0.01	39.8910	20.3900				7.0	0.9	4	6	157	0.31	0.49	m		4173

Magnitude	Err	Nsta	Author	OrigID
Ml	1.3	0.0	1	4173

Sta	Dist	EvAz	Phase	Time	Tres	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
LSK	0.30	31.0	S	07:05:56.477	0.1									m		49897
LSK	0.30	31.0	P	07:05:51.887	-0.0									m		49896
IGT	0.36	188.0	S	07:05:59.002	0.4									m		49899
IGT	0.36	188.0	P	07:05:53.135	0.0									m		49898
IGT	0.36	188.0	AMl	07:06:03.980								0.2	0.36	a	Ml 1.3	22743
KEK	0.49	249.0	S	07:06:04.014	1.1									m		49901
KEK	0.49	249.0	P	07:05:55.603	0.0									m		49900

DATA_TYPE COMMENT GSE2.1
Event 4055

Official Magnitude:
Ml 1.34

Error ellipse:

	Azim	Dip	Mag
Max:	84	89	0.9000
Intermediate:	304	0	0.0700
Min:	214	1	0.0300

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

MN,TIR,HHZ,,Pg,2020-09-01 23:06:45.9981
MN,TIR,HHN,,Sg,2020-09-01 23:06:49.2781
AC,PHP,HHZ,,Pg,2020-09-01 23:06:50.4756
AC,PHP,HHN,,Sg,2020-09-01 23:06:57.6542

AC,KBN,HHZ,,P, 2020-09-07 23:42:35.3436
AC,KBN,HHE,,Sg,2020-09-07 23:42:38.5807

AC,PHP,HHZ,,Pg,2020-09-15 11:41:42.7683
AC,PHP,HHN,,Sg,2020-09-15 11:41:49.1096
AC,SDA,HHE,,Sg,2020-09-15 11:41:58.7027
AC,SDA,HHZ,,Pg,2020-09-15 11:41:46.8645

AC,PHP,HHZ,,Pg,2020-09-15 23:33:36.9841
AC,PHP,HHN,,Sg,2020-09-15 23:33:41.6425

AC,KBN,HHZ,,P,2020-09-20 04:40:05.6259
AC,KBN,HHN,,S,2020-09-20 04:40:08.0096

AC,PHP,HHZ,,Pg,2020-09-21 06:57:27.4963
AC,PHP,HHN,,Sg,2020-09-21 06:57:30.7277

AC,KBN,HHZ,,Pg,2020-09-22 04:35:08.3761
AC,KBN,HHN,,Sg,2020-09-22 04:35:10.0851

AC,PHP,HHZ,,Pg,2020-09-22 16:49:42.7918
AC,PHP,HHN,,Sg,2020-09-22 16:49:45.7094

AC,KBN,HHZ,,Pg,2020-09-23 01:51:29.5745
AC,KBN,HHE,,Sg,2020-09-23 01:51:32.3202

MN,TIR,HHZ,,P,2020-09-24 22:19:35.4526
MN,TIR,HHE,,S,2020-09-24 22:19:38.1587

MN,TIR,HHZ,,Pg,2020-09-24 22:49:51.0525
MN,TIR,HHE,,Sg,2020-09-24 22:49:54.2945
AC,PHP,HHZ,,Pg,2020-09-24 22:49:57.3956
AC,PHP,HHN,,S,2020-09-24 22:50:04.0223

MN,TIR,HHZ,,Pg,2020-09-24 23:30:30.3014
MN,TIR,HHE,,S,2020-09-24 23:30:36.2840
AC,PHP,HHZ,,Pg,2020-09-24 23:30:37.5262
AC,PHP,HHN,,Sg,2020-09-24 23:30:48.6027

MN,TIR,HHZ,,Pg,2020-09-25 01:00:52.4722
MN,TIR,HHE,,S,2020-09-25 01:00:57.9181
AC,PHP,HHZ,,P,2020-09-25 01:00:57.6905

AC,PHP,HHZ,,P,2020-09-25 13:44:55.7095
AC,PHP,HHN,,S,2020-09-25 13:45:11.5732

AC,PHP,HHZ,,Pg,2020-09-28 00:15:10.5696
AC,PHP,HHN,,Sg,2020-09-28 00:15:15.4231
AC,SDA,HHZ,,Pg,2020-09-28 00:15:21.8391
AC,SDA,HHN,,Sg,2020-09-28 00:15:42.6065

Katalogu i termeteve mujor **(Monthly catalog of earthquakes)**

Y	M	D	H	m	S	rms	Lat	Long	M	h	Err h	No. St	No. ph	Gap
2020	9	2	12	34	59	0.01	39.688	20.325	1.9	4		5	5	215
2020	9	2	17	31	33	0.49	39.524	21.323	3	7	1.7	36	21	71
2020	9	3	15	28	0	0.04	39.303	19.201	2.7	11	0.9	6	8	293
2020	9	3	23	0	39	0.1	41.478	19.605	1.6	37	0.4	36	6	223
2020	9	4	1	16	8	0.46	40.501	20.809	2.4	5	1.5	38	14	163
2020	9	4	4	5	13	0.09	41.033	20.244	1.1	7	7.2	38	7	184
2020	9	4	9	55	5	0.25	41.449	19.666	2.1	16	2.1	10	6	221
2020	9	4	16	46	6	0.2	39.912	19.867	2.1	2	1	37	8	138
2020	9	4	22	9	44	0.02	39.407	20.831	1.9	7	1.2	4	6	246
2020	9	5	2	16	46	0.01	40.511	20.692	1.6	2	0.2	8	6	164
2020	9	5	4	23	3	0.22	40.339	19.434	2.5	35	0.6	37	19	130
2020	9	5	10	46	34	0.88	39.39	20.354	2.2	2	4.2	37	11	149
2020	9	5	20	10	9	0.49	39.781	20.065	3	15	1.2	36	19	98
2020	9	5	21	13	55	0.16	40.472	20.706	2	12	0.5	36	12	132

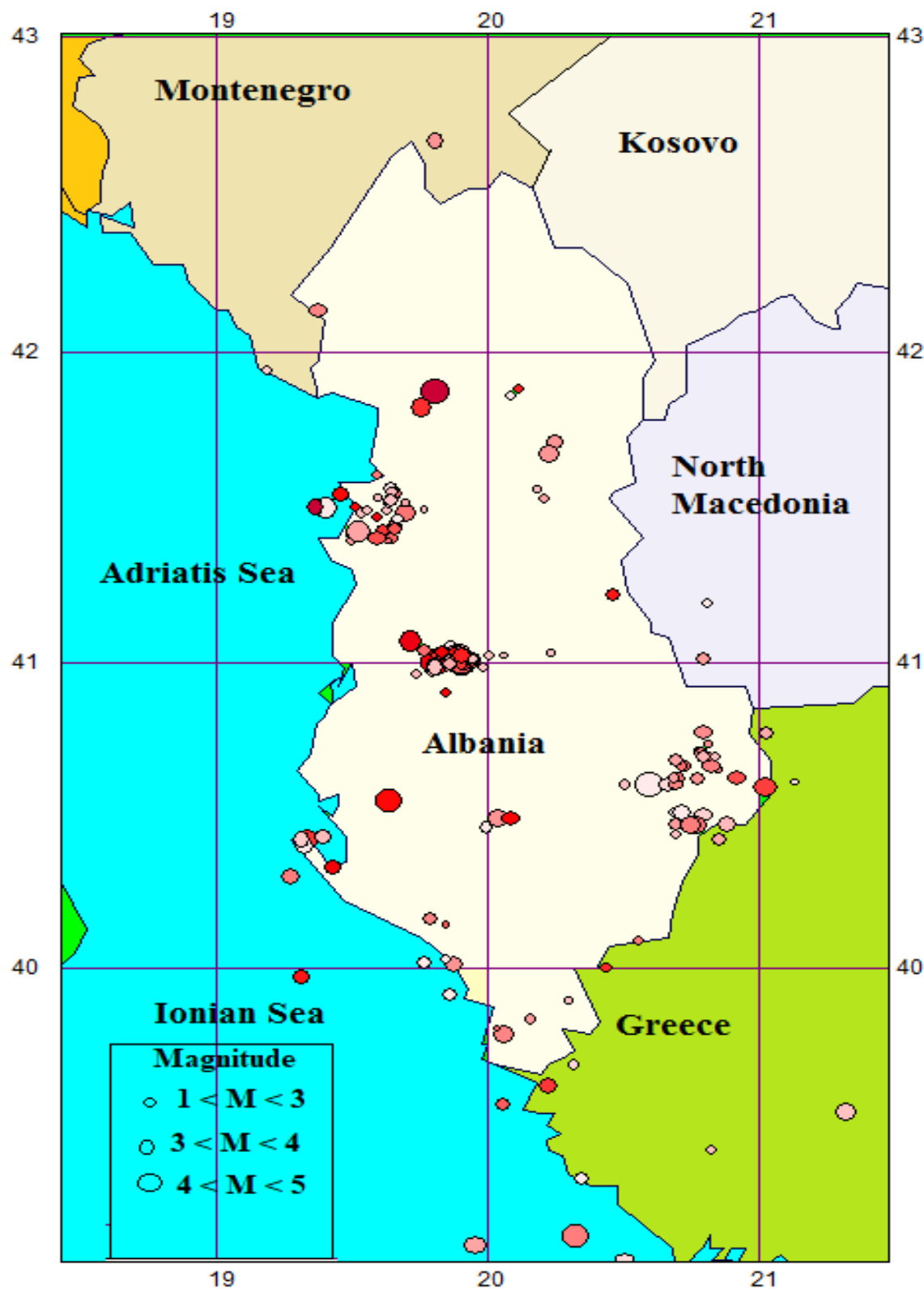
2020	9	5	23	16	15	0.48	40.442	20.702	1.8	7	3	37	14	111
2020	9	6	12	47	15	0.12	41.569	19.656	2.3	2	1.4	10	11	155
2020	9	6	13	57	35	0.15	39.905	20	1.4	15	1	37	5	285
2020	9	6	18	33	32	1	41.223	20.479	2.3	29	2.5	37	19	147
2020	9	6	23	22	10	0.08	41.601	19.63	1.7	16	0.5	7	6	198
2020	9	7	21	32	35	0	39.84	20.047	1.5	18		9	5	185
2020	9	8	3	19	11	0.04	41.029	20.066	1.3	7	3.2	7	4	312
2020	9	9	7	14	59	0.15	39.553	20.065	2.2	20	1.6	10	6	152
2020	9	9	8	58	46	0.3	39.117	20.333	3.7	16	1	11	10	163
2020	9	9	18	58	43	0.5	40.495	20.049	3	13	1.8	37	19	79
2020	9	10	5	0	11	0.65	41.54	19.413	3.5	2	4.5	10	13	105
2020	9	10	6	12	17	0.37	40.475	20.894	2.6	8	2.3	37	12	151
2020	9	10	6	21	48	0.61	40.468	20.07	2.2	2	5.1	37	13	101
2020	9	11	2	22	14	0.37	41.393	19.505	1.8	12	2.1	13	12	179
2020	9	11	6	39	38	0.04	40.029	19.774	2.2	2	0.4	9	6	314
2020	9	11	6	41	32	0.03	40.163	19.791	2.3	15	0.2	8	6	327
2020	9	11	6	41	32	0.03	40.163	19.791	2.3	15	0.2	8	6	327
2020	9	11	15	10	35	0.01	39.016	20.58	2.1	9	0.2	11	7	156
2020	9	12	0	6	32	0.07	40.142	19.859	1.1	20	0.3	7	6	322

2020	9	12	0	49	55	0.02	41.415	19.52	1.4	4	0.2	9	7	189
2020	9	12	1	41	43	0.15	40.613	21.141	1.5	2	0.9	8	7	173
2020	9	12	5	27	22	0.01	42.676	19.815	2.4	13	0.2	6	5	274
2020	9	12	16	46	5	0.22	41.878	19.814	3.9	47	1.5	9	6	148
2020	9	12	21	10	2	0.12	40.513	20.729	2.4	2	0.8	10	8	161
2020	9	13	4	0	31	0.09	41.487	19.688	1.5	7	7.5	37	4	210
2020	9	13	6	2	11	0.23	41.018	19.952	2.6	14	1.4	36	12	163
2020	9	13	6	3	23	0.39	41.02	19.947	2.3	13	2.8	36	10	155
2020	9	13	18	56	17	0.01	41.488	19.541	1.6	7	0.8	4	4	238
2020	9	13	18	56	17	0.09	41.492	19.561	1.6	7	7.4	4	4	234
2020	9	14	20	0	56	0.36	41.013	20.806	2.3	12	1.5	10	15	169
2020	9	15	1	23	23	0.05	41.496	19.779	1.3	7	4.3	5	4	184
2020	9	15	11	35	45	0.18	41.826	19.763	3.1	26	1.2	37	9	149
2020	9	15	20	25	48	0.05	39.409	19.9	1.9	7	4.3	10	5	277
2020	9	16	4	4	51	0.94	40.016	19.883	2.7	13	3.2	38	19	98
2020	9	16	19	2	3	0.12	40.032	19.862	1	3	0.5	38	7	314
2020	9	17	0	57	5	0.33	40.032	19.854	1.9	2	1.6	8	10	175
2020	9	17	20	45	47	0.11	41.534	20.213	1.6	11	1.1	38	6	187
2020	9	17	20	45	47	0.03	41.562	20.192	1.4	7	2.4	5	7	174

2020	9	18	2	28	13	0.49	41.424	19.629	2.3	25	1.7	38	16	158
2020	9	18	20	30	34	0.51	41.486	19.702	3.1	17	2.1	8	11	152
2020	9	19	4	29	45	0.31	41.718	20.257	2.7	13	1.3	7	11	148
2020	9	21	0	30	22	0.36	40.471	20.777	2.9	17	1	38	16	182
2020	9	21	1	21	16	0.48	40.477	20.753	3	16	1	38	19	154
2020	9	22	0	1	26	0.22	41.52	19.529	1.6	31	1.4	11	8	186
2020	9	22	1	24	34	0.1	41.401	19.657	1.6	19	0.4	10	8	169
2020	9	22	1	38	38	0.12	41.398	19.646	1.5	17	0.7	10	8	169
2020	9	22	3	12	16	0.04	40.603	20.515	1.9	7	2.8	6	6	235
2020	9	22	3	22	51	0.12	40.422	20.866	2	10	0.9	10	6	220
2020	9	22	5	26	46	0.91	39.979	19.327	2.7	29	3	37	15	111
2020	9	22	8	22	28	0.81	39.618	20.236	2.6	25	3	7	10	147
2020	9	22	19	34	36	0.11	41.863	20.093	1.8	2	1.5	6	6	171
2020	9	23	1	12	6	0.48	41.675	20.236	2.9	13	1.5	37	15	129
2020	9	23	5	30	49	0.76	41.421	19.532	3.6	11	4.3	37	14	96
2020	9	23	5	50	53	0.16	41.469	19.678	1.7	2	10.7	6	4	217
2020	9	23	5	55	48	0.09	41.431	19.664	2.1	21	7.2	36	5	179
2020	9	23	23	22	58	0.26	41.028	19.892	3.1	27	1	34	11	135
2020	9	23	23	25	10	0.12	41.04	19.912	4.5	21	10.2	34	9	131

2020	9	23	23	25	10	0.14	41.04	19.915	3.8	20	12	34	9	131
2020	9	23	23	31	10	0.01	40.988	19.994	1.7	7	0.5	8	5	154
2020	9	23	23	37	41	0.21	41.005	19.923	2.6	26	1	34	8	130
2020	9	23	23	44	29	0.07	41.017	19.903	2.9	18	0.7	34	7	132
2020	9	24	0	0	34	0.07	41.024	20.019	1.6	7	0.5	8	8	145
2020	9	24	0	0	34	0.07	41.024	20.019	1.6	7	0.5	8	8	145
2020	9	24	1	10	20	0.23	41.051	19.877	1.7	2	2.9	8	9	135
2020	9	24	1	59	44	0.14	41.013	19.926	1.6	8	2	8	6	177
2020	9	24	2	35	56	0.07	41.039	19.894	3	17	0.8	34	8	133
2020	9	24	4	14	41	0.08	40.997	19.855	2.5	15	0.8	10	8	153
2020	9	24	5	18	58	0.04	41.033	19.901	3.2	9	0.4	8	6	133
2020	9	24	6	58	38	0.47	40.553	19.646	3.7	31	1.4	8	13	77
2020	9	24	9	42	11	0.12	41.038	19.909	2.4	17	0.7	9	11	131
2020	9	24	15	34	4	0.86	41.076	19.721	3.5	38	2.7	36	25	77
2020	9	24	19	21	40	0.77	41.006	19.818	4.2	36	1.8	37	28	63
2020	9	24	19	29	6	0.66	40.962	19.748	1.8	8	3.6	13	13	169
2020	9	24	19	42	36	0.55	41.022	19.826	2.2	25	2.4	11	18	84
2020	9	24	19	48	30	0.04	40.973	19.808	1.7	7	2.9	8	5	176
2020	9	24	20	28	52	0.45	41.024	19.883	2.8	30	1.1	15	21	87

2020	9	24	22	53	13	0.27	40.99	19.852	1.6	34	4.3	8	10	138
2020	9	25	0	23	33	0.14	40.991	19.914	1.8	25	11.9	7	9	132
2020	9	25	1	9	47	0.38	41.018	19.955	1.7	7	26.7	7	8	136
2020	9	25	2	24	11	0.18	41.018	19.878	1.6	7	11.6	7	7	170
2020	9	25	2	34	17	0.1	41.011	19.885	1.9	22	8.7	7	9	136
2020	9	25	12	58	3	0.13	41.041	19.779	2.2	18	0.6	9	10	148
2020	9	25	21	48	18	0.41	40.992	19.864	1.5	12	3.9	17	11	172
2020	9	26	2	26	43	0.51	41.034	19.843	2	35	3.1	16	10	119
2020	9	26	7	5	45	0.01	39.891	20.39	1.3	7	0.9	6	4	157
2020	9	26	17	9	57	0.55	40.995	19.817	2.5	25	2.3	38	16	85
2020	9	26	17	49	12	0.5	40.996	19.861	2	10	3.6	38	13	92
2020	9	27	10	29	6	0.34	41.42	19.63	2.5	22	3.5	12	12	92
2020	9	27	14	43	49	0.27	40.983	19.812	2.7	7	2	38	14	164
2020	9	28	22	50	48	0.07	41.028	19.913	2.4	28	1	37	7	144
2020	9	30	0	36	55	0.11	40.07	20.447	1.9	27	0.3	38	9	135
2020	9	30	8	7	26	0.37	40.091	20.563	1.6	16	1.9	37	9	139



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

1. Statistika e ngjarjeve (Events Statistics)

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

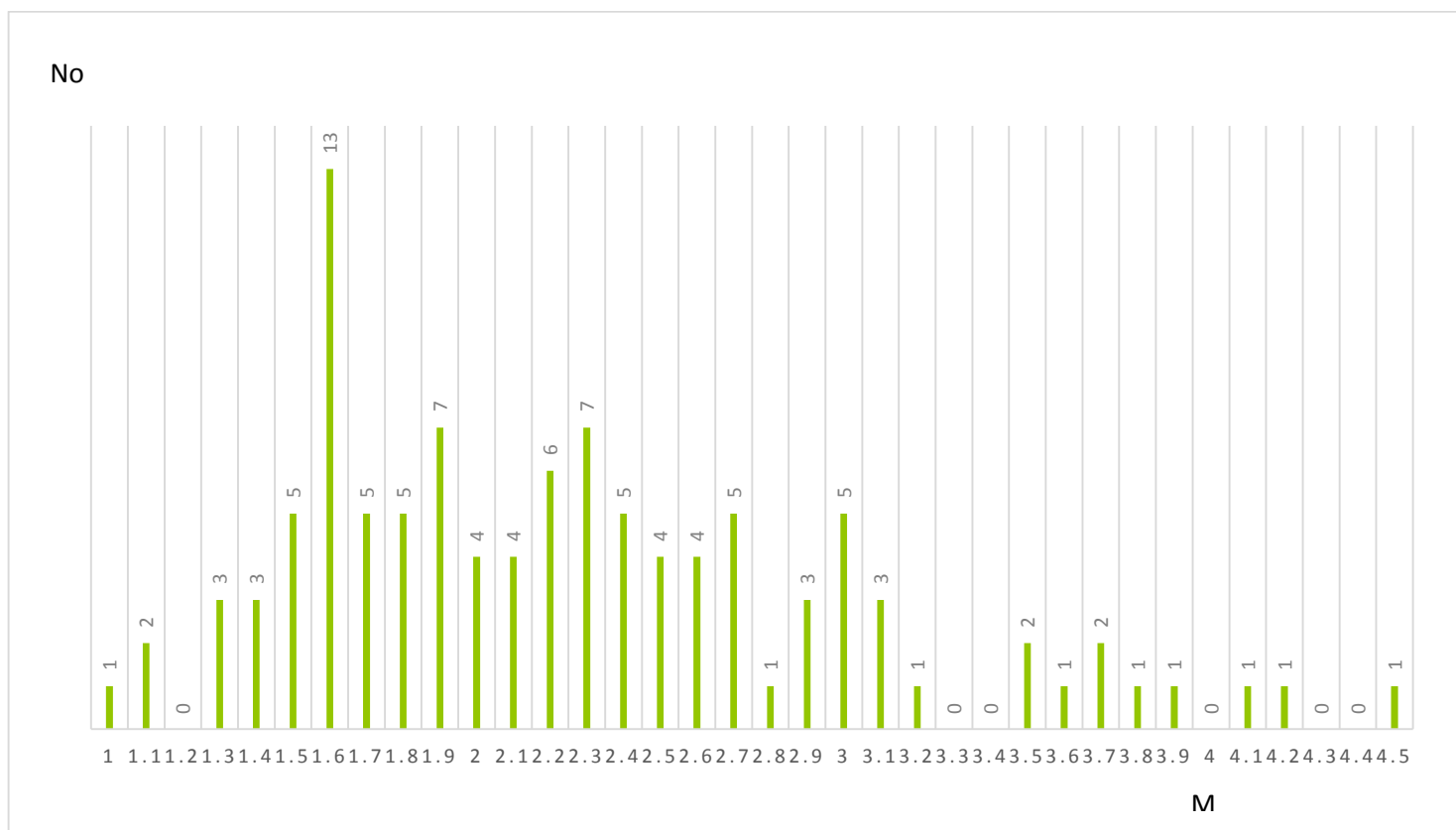
Të dhënat përfaqësuese	Representative Parameters	Vlerat (observed values)
Numuri i përgjithshëm i ngjarjeve të regjistruara <i>(kuandrat 39^o-43^o V; 18.5^o-21.5^oL)</i>	[total recorded number of seismic events]	145
Numuri i ngjarjeve sizmike brenda kufirit shtetëror	[earthquakes occurred within state border]	130
Thellësia mesatare e vrojtuar (km)	[mean observed depth]	15
Thellësia maksimale e vrojtuar (km)	[maximum observed depth]	48
Magnituda lokale minimale e vrojtuar ($M_{L/d}$)	[minimum observed local magnitude]	1.0
Magnituda lokale maksimale e vrojtuar ($M_{L/d}$)	[maximum observed local magnitude]	4.5
Intensiteti maksimal i vrojtuar (MSK-64)	[maximum observed intensity]	IV-V

2. Karakteristikat kryesore të sizmitetit për muajin Shtator 2020

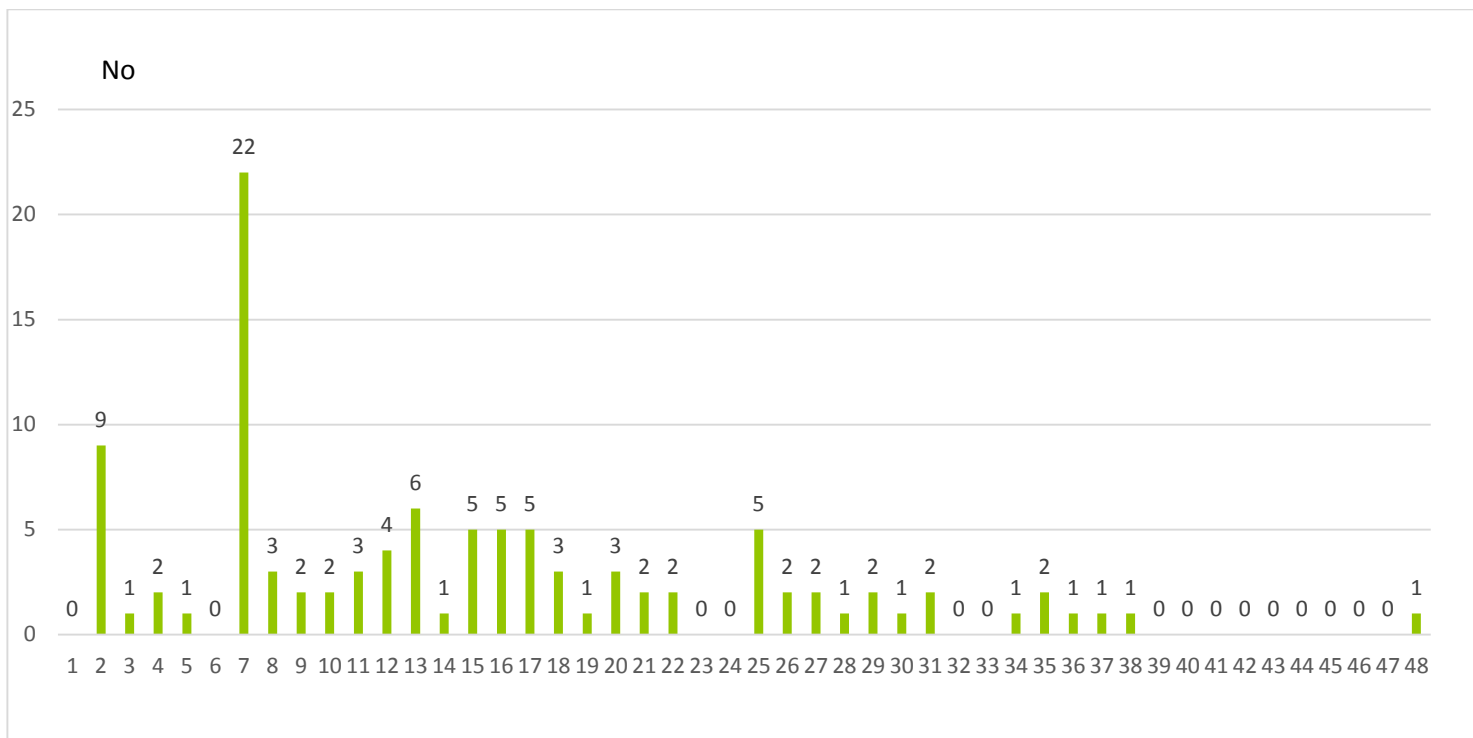
Rrjeti Sizmologjik i Shqipërisë, regjistroi për vendin tonë gjat muajit Shtator një sizmitet të nivelit normal për vendin tonë. Aktiviteti sizmik gjatë këtij muaji u regjistrua kryesisht në tre zona kryesore. Në zonën e Durres-Kepi Rodonit, në zonën Belshit dhe në zonën e Korces. Në këtë muaj janë lokalizuar 145 tërmete me magnitudë që variojnë nga 1.0 në 4.5 (Richter), 1 prej tyre me magnitudën më të madhe në vlerën $M_L = 4.5$ (Richter) dhe 21 prej tyre janë me $M_L \geq 3.0$ Richter (Fig 3). Frekuenca më e madhe është në nivelin e magnitudës $1.6 = < M < 2.5$ (Fig 3). Numuri mesatar i tërmeteve në ditë është mesatarisht 3, numuri maksimumi 15 i regjistruar më datën 24 Shtator në zonën Belsh-Peqin. Shumica e tërmeteve lokale janë shpërndarë në thellësi midis 0 dhe 25 km, me thellësi mesatare 15 km dhe thellësi maksimale 48 km. Në zonën Durres-Kepi Rodonit janë lokalizuar 29 tërmete me magnitudë që variojnë nga 1.3 Richter në 3.6 Richter. Këta tërmete kanë thellësi mesatare 15 km dhe thellësi max 48 km. Këta tërmete lidhen me pasgoditjet e tërmetit të fortë të 26 Nëntorit 2019 që vazhdon edhe në ditët e sotme. Në zonën Belsh-Peqin janë lokalizuar 36 tërmete me magnitudë që variojnë nga 1.1 Richter në 4.5 Richter. Këta tërmete kanë thellësi mesatare 17 km dhe thellësi max 38 km. Tërmetet janë pasgoditje të tërmetit të datës 23 Tetor ora 01:25:10 (ora lokale) me magnitudë $M_L 4.5$. Pasgoditja më e madhe pati $M_L 4.2$ ndodhur më datën 24 tetor ora 21:21:40 me thellësi 36 km. Në zonën Korces janë lokalizuar 32 tërmete me magnitudë që variojnë nga 1.1 Richter në 3.7 Richter. Këta tërmete kanë thellësi mesatare 12 km dhe thellësi max 24 km. Këto tërmete lidhen me pasgoditjet e serisë tërmeteje të Korces të 1 Qershorit 2019 me magnitudë $M_L 5.2$ Richter.. Dy tërmete janë ndier në zonën Elbasanit dhe më gjere. Tërmeti i datës 23 shtator me $M_L 4.5$ koordinata 41.04 V, 19.91L dhe thellësi 21 km është ndjerë edhe në qytetet e Tiranës, Durresit dhe Fierit.

2. Main features of seismicity during September 2020

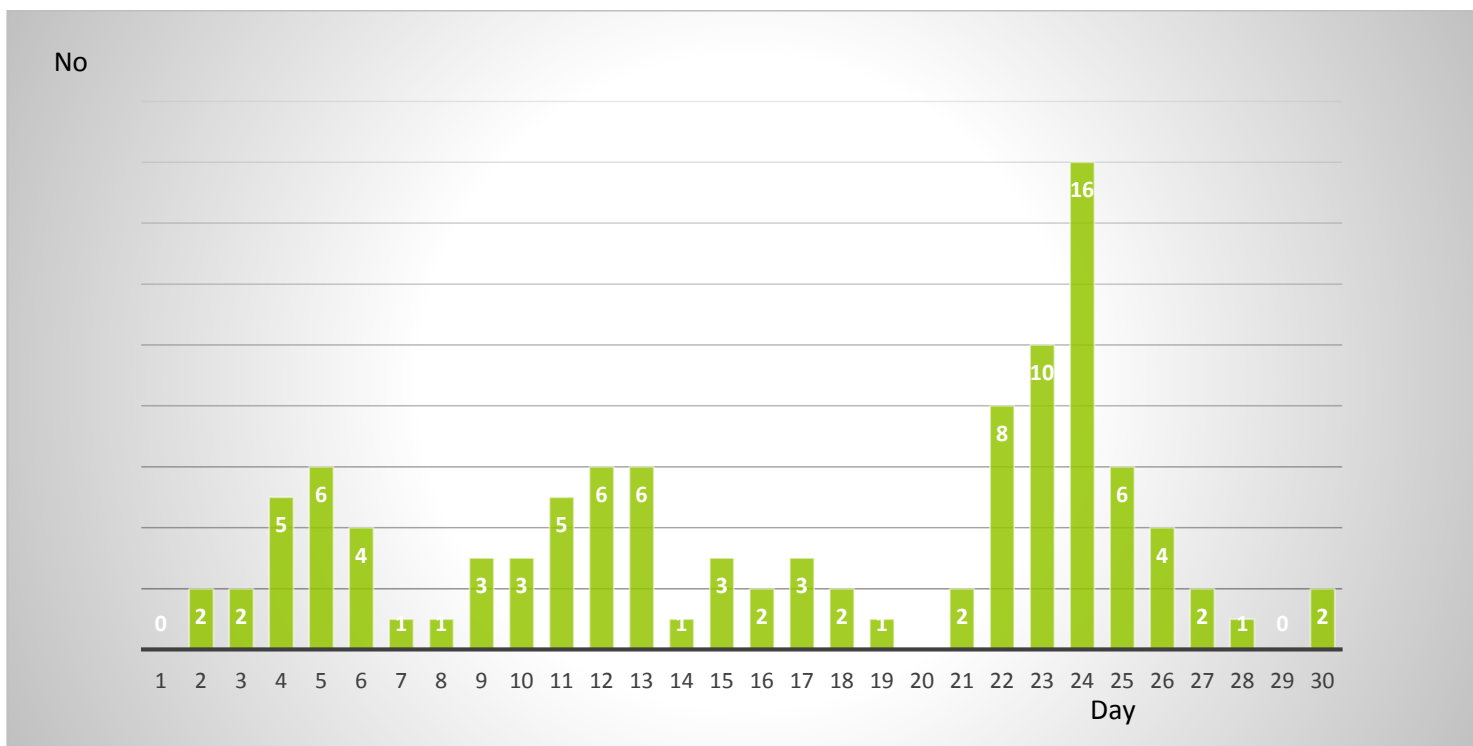
The Seismological Network of Albania, registered for our country during the month of September a seismic of normal level of seismicity. Seismic activity during this month was recorded mainly in three main zones. In the zone of Durres-Kepi Rodonit, in the zone of Belshi and in the Korca zone. During this month are located 145 earthquakes with magnitude ranging from 1.0 to 4.5 (Richter), 1 of them with the largest magnitude in the value of $M_L = 4.5$ (Richter) and 21 of them are with $M_L \geq 3.0$ Richter (Fig 2). The highest frequency is at the level of magnitude $1.5 = < M < 2.7$ (Fig 3). The average number of earthquakes per day is 3, and the maximum number 15 were recorded on September 24 in the Belsh-Peqin zone. Most local earthquakes are distributed at depths between 0 and 25 km, with an average depth of 15 km and a maximum depth of 48 km. In the Durres-Kepe Rodonit zone are located 29 earthquakes with magnitude ranging from 1.3 to 3.6 Richter. These earthquakes have an average depth of 15 km and a maximum depth of 48 km. These earthquakes are related to the aftershocks of the strong earthquake of 26 November 2019 continuing at now days. In the Belsh-Peqin zone are located 36 earthquakes with magnitude ranging from 1.1 to 4.5 Richter. These earthquakes have an average depth of 17 km and a maximum depth of 38 km. These are aftershocks of October 23 shock at 01:25:10 (local time) with magnitude $M_L 4.5$. The biggest aftershock has $M_L 4.2$ occurred in October 24 at 21:21:40 with a depth of 36 km. In the Korca zone are located 32 earthquakes with magnitude ranging from 1.1 to 3.7 Richter. These earthquakes have an average depth of 12 km and a maximum depth of 24 km. These are related to the aftershocks of the Korca earthquake series start in June 1st, 2019 earthquake with magnitude $M_L 5.2$ Richter. Two earthquakes were felt in the Elbasan district and its surrounding. The earthquake of September 23 with $M_L 4.5$ coordinates 41.04 V, 19.91L, depth of 21 km was also felt in the Cities of Tirana, Durres and Fier.



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



-Fig. 4 -
Grafiku i numurit të 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 23.08.2020, në orën 23:25:10 (UTC); (01:25:10 ora lokale); lokalizuar 41.04 V, 19.91L, thelesi 21km 6 km ne VP te qytetit te Cerrikut, 17 km ne JP te Elbasanit. Intensiteti i tërmetit në epiqendër $I_0 = V-VI$ ballë (EMS-98); Ndjerë: V ballë në qytetin e Cerrikut, Belshit, IV-V ballë ne qytetin e Elbasanit dhe Lushnjes, IV balle ne qytetet Tiranes, Gramshit, Librazhdit, dhe Kucove, III-IV ne qytetet Durres, Berat dhe Fier.

(Event 1):

(Intensity $I_0 = V-VI$ degree EMS-98, felt IV degree in towns of Cerrikut, Belshit, IV-V degree in Elbasanit and Lushnja towns, IV in Tiranes, Gramshit, Librazhdit, and Kucova towns, III-IV in Durres, Berat dhe Fier towns).

Ngjarja 2:

Datë 24.09.2020, në orën 19:21:40 (UTC); (21:21:40 ora lokale); lokalizuar 41.00 V, 19.82L, thelesi 36 km 14 km ne VP te qytetit te Cerrikut, 25 km ne JP te Elbasanit. Intensiteti i tërmetit në epiqendër $I_0 = V$ ballë (EMS-98); Ndjerë: IV-V ballë në qytetin e Cerrikut, Belshit, IV ballë ne qytetin e Elbasanit dhe Lushnjes, III-IV balle ne qytetet Tiranes, Gramshit, Librazhdit, dhe Kucove.

(Event 1):

(Intensity $I_0 = V$ degree EMS-98, felt IV-V degree in towns of Cerrikut, Belshit, IV degree in Elbasanit and Lushnja towns, III-IV in Tiranes, Gramshit, Librazhdit, and Kucova towns).

REFERENCA (*References*)

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

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