



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Sat Feb 27,2021 23:13:10

Romania - Event 27211310 - Vrancea seismic zone

Sat Feb 27, 2021 21:13:10 GMT ML 4.2 N45.56 E26.49 Depth: 125.9km ID:27211310

NOTE: Accelerations, velocities and intensities are calculated automatically and are not revised by human operator. Their accuracy has not been evaluated.

Seismicity of Romania - latest large intermediate earthquakes

Date	Time	Lon	Lat	Depth	Mw
28-Oct-2018	00:38:11	26.41	45.61	147.8	5.5
27-Dec-2016	23:20:55	26.60	45.71	96.9	5.6
23-Sep-2016	23:11:20	26.62	45.71	92.0	5.5
06-Oct-2013	01:37:21	26.58	45.67	135.1	5.2
25-Apr-2009	17:18:48	26.62	45.68	109.6	5.4
18-Jun-2005	15:16:41	26.66	45.72	153.7	5.2
14-May-2005	01:53:21	26.53	45.64	148.5	5.5
27-Oct-2004	20:34:36	26.63	45.84	105.4	6.0
06-Apr-2000	00:10:38	26.64	45.75	143.4	5.0
28-Apr-1999	08:47:56	26.27	45.49	151.1	5.3

Source: ROMPLUS Catalogue

Romania – Event 27211310 – Vrancea seismic zone

Attenuation laws – GMPE::VS10 IPE::VS04_msk

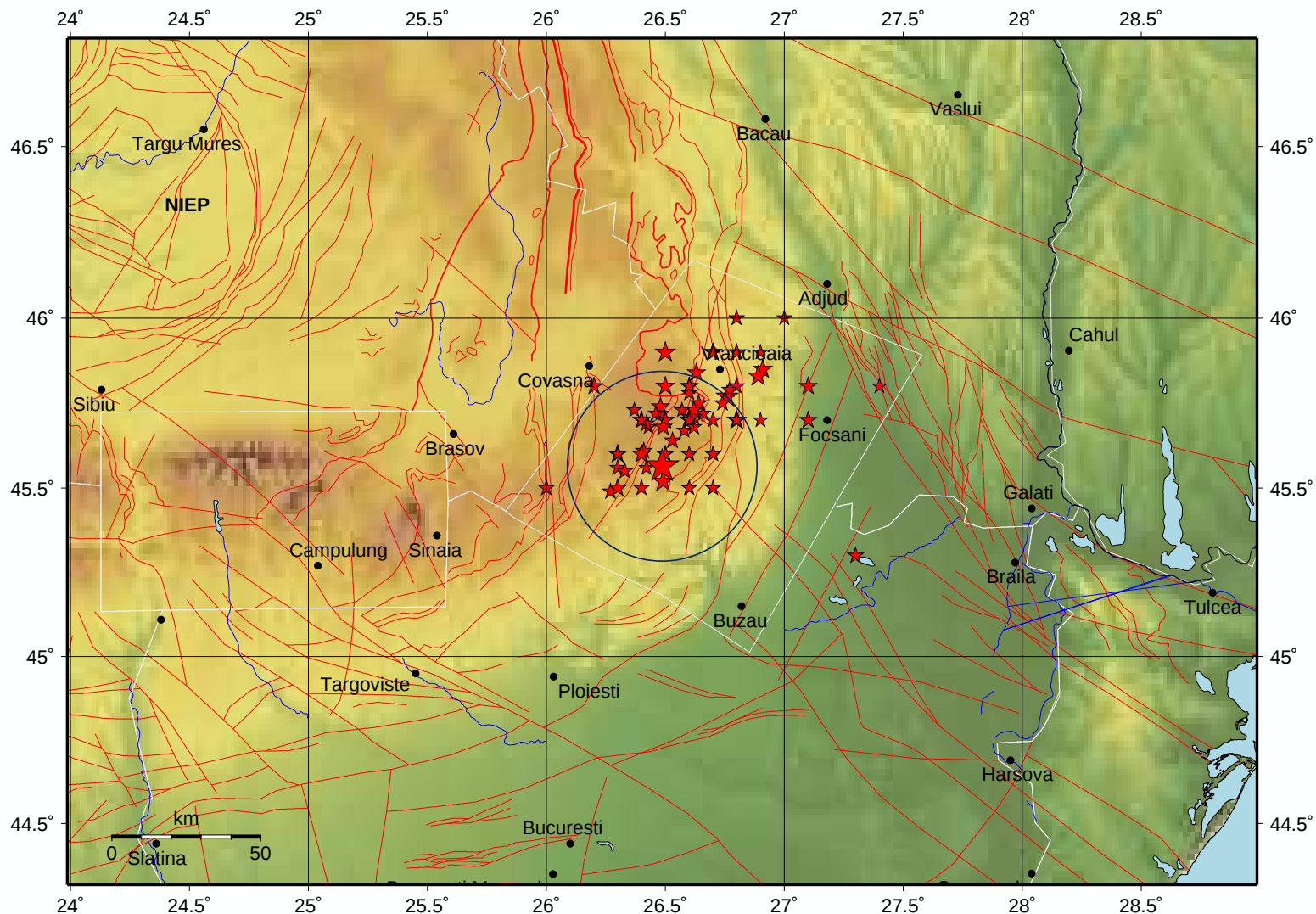
Max. grid values – pga: 3.04(cm/sec**) pgv: 0.02(cm/sec) mi: 2.8

Sat Feb 27, 2021 21:13:10 GMT ML 4.2 N45.56 E26.49 Depth: 125.9km ID:27211310 **Mw 3.9**

Local time

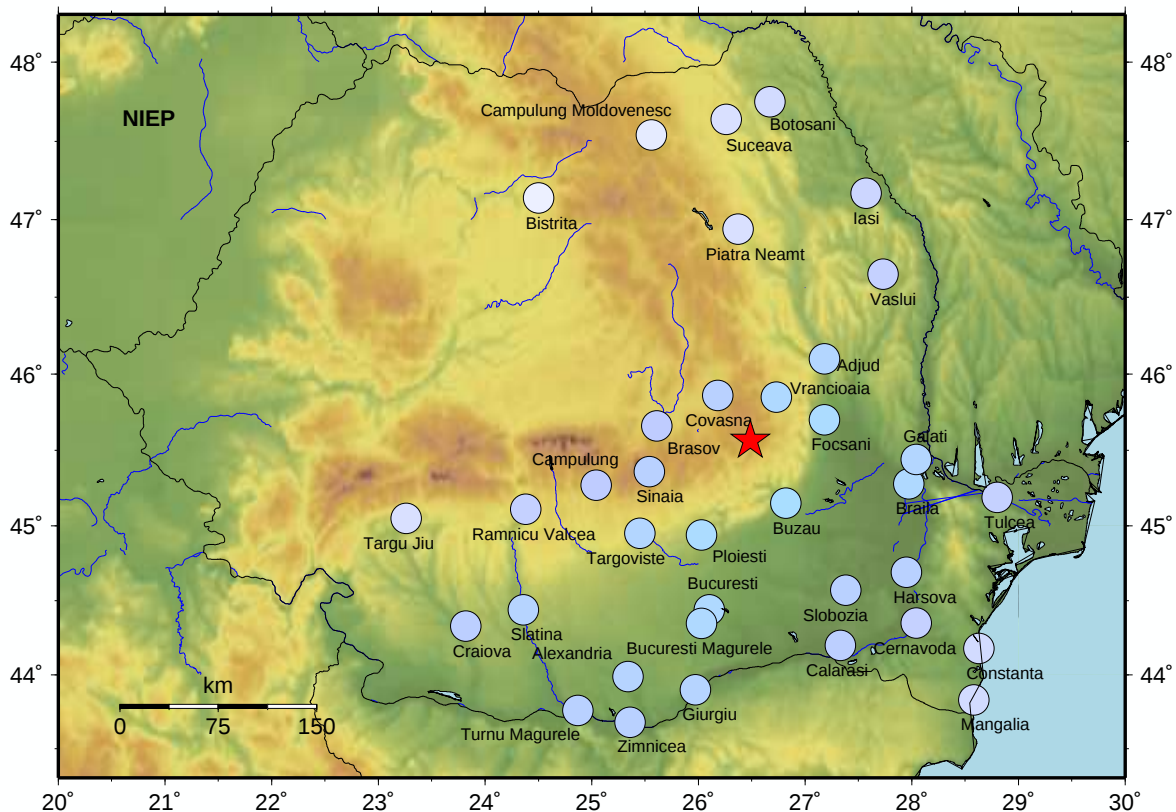
Sat Feb 27, 2021 23:13:10

Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

Sat Feb 27, 2021 21:13:10 GMT ML 4.2 N45.56 E26.49 Depth: 125.9km ID:27211310



City	Distance(km)
Vrancioaia	36
Covasna	40
Buzau	52
Focsani	56
Brasov	69
Sinaia	77
Ploiesti	78
Adjud	80
Targoviste	106
Campulung	117
Braila	120
Galati	122
Bucuresti	128
Slobozia	131
Bucuresti Magurele	139
Harsova	150
Piatra Neamt	153
Vaslui	154
Calarasi	165
Ramnicu Valcea	172
Cernavoda	182
Tulcea	185
Giurgiu	189
Iasi	196
Alexandria	197
Slatina	209
Zimnicea	227
Constanta	228
Campulung M.	230
Suceava	231
Bistrita	232
Turnu Magurele	238
Botosani	243
Craiova	251
Mangalia	254
Targu Jiu	259

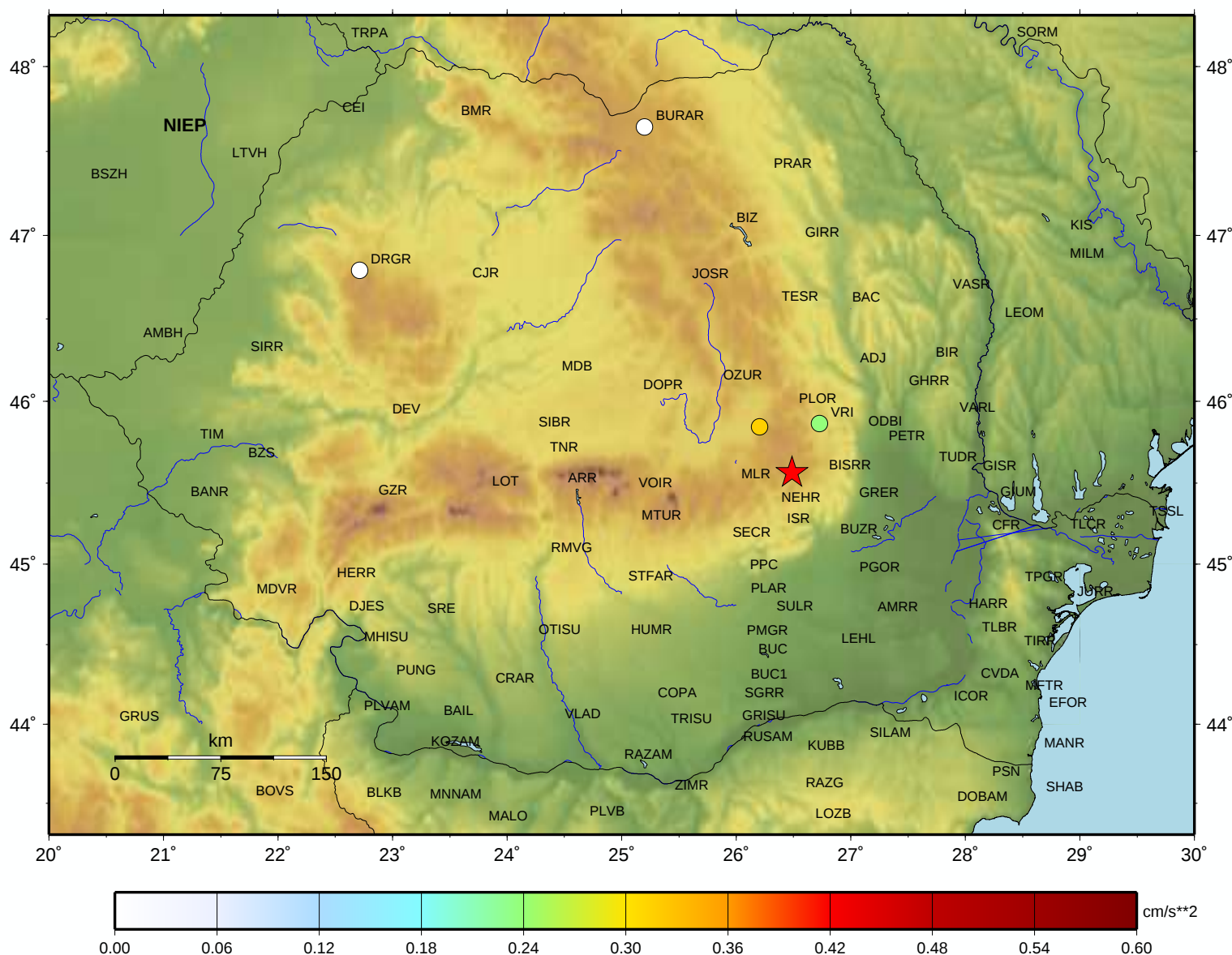
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

Max. pga(cm/sec**2)		
COVR	HNN	0.32
VRI	HNE	0.24
DRGR	HNE	0.00
BURAR	BHN	0.00

Observed stations accelerations – Antelope platform (cm/sec**2)

Maximum observed acceleration: COVR_HNN 0.32

Sat Feb 27, 2021 21:13:10 GMT ML 4.2 N45.56 E26.49 Depth: 125.9km ID:27211310



Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: C1CN_HHE 0.16

Sat Feb 27, 2021 21:13:10 GMT ML 4.2 N45.56 E26.49 Depth: 125.9km ID:27211310

