



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Fri Apr 09,2021 05:20:23

Romania - Event 99022023 - Vrancea seismic zone

Fri Apr 9, 2021 02:20:23 GMT ML 3.2 N45.69 E26.62 Depth: 139.7km ID:99022023

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 99022023 – Vrancea seismic zone

Attenuation laws – GMPE::VS10 IPE::VS04_msk

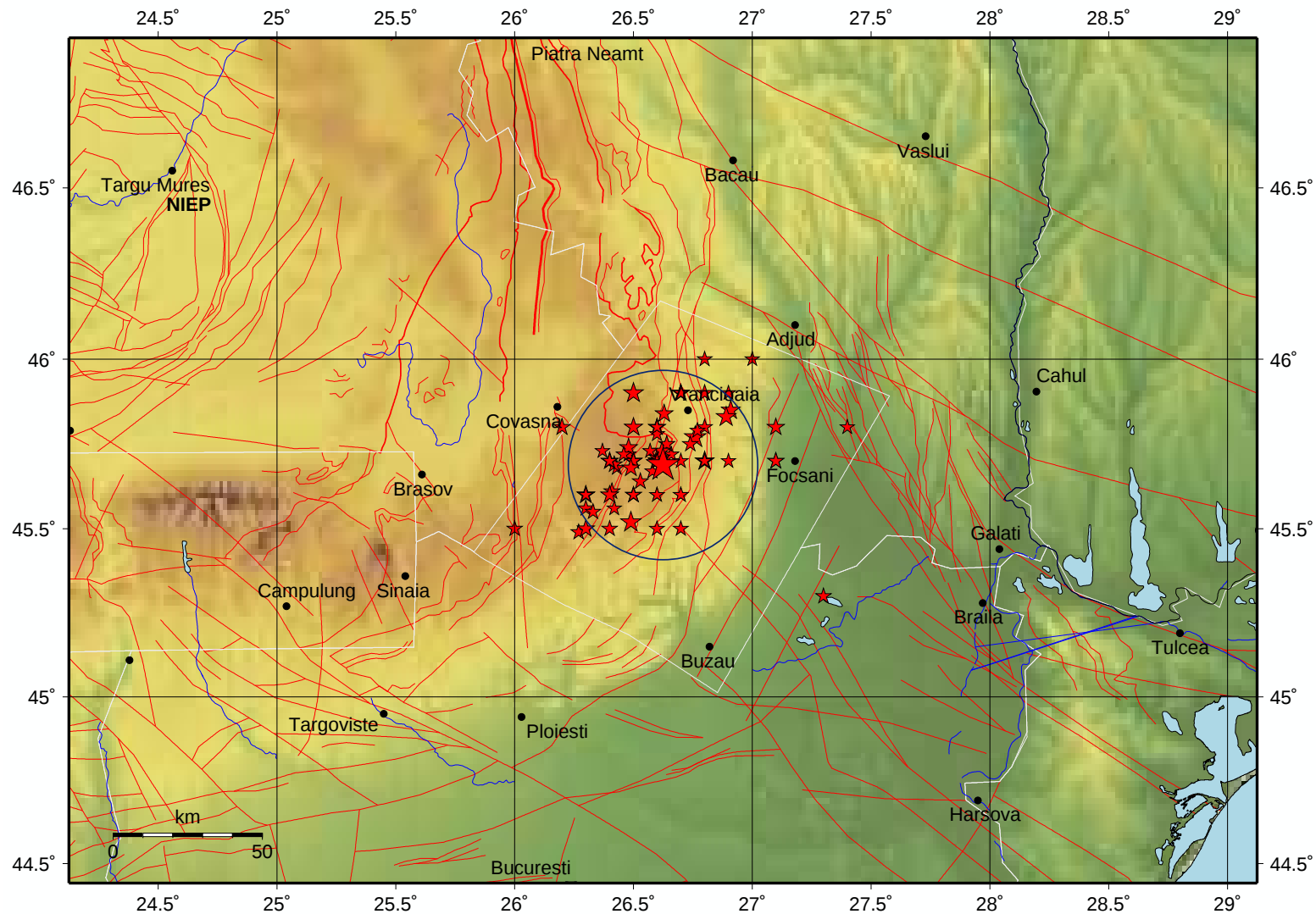
Max. grid values – pga: 0.39(cm/sec**) pgv: 0.00(cm/sec) mi: 1.7

Fri Apr 9, 2021 02:20:23 GMT ML 3.2 N45.69 E26.62 Depth: 139.7km ID:99022023 **Mw 3.2**

Local time

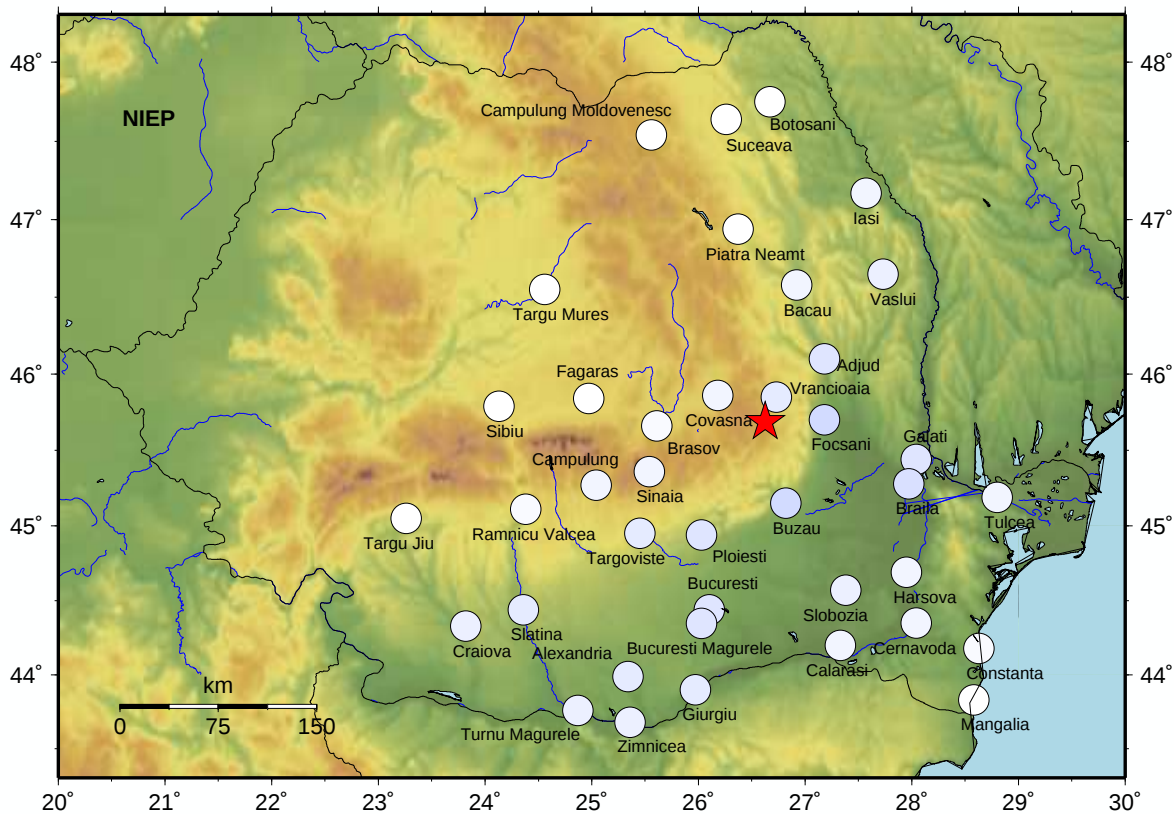
Fri Apr 09,2021 05:20:23

Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

Fri Apr 9, 2021 02:20:23 GMT ML 3.2 N45.69 E26.62 Depth: 139.7km ID:99022023



City	Distance(km)
Vrancea	19
Covasna	39
Focsani	43
Buzau	61
Adjud	62
Brasov	79
Sinaia	92
Ploiesti	95
Bacau	101
Galati	113
Braila	114
Targoviste	123
Fagaras	129
Campulung	132
Vaslui	136
Slobozia	137
Piatra Neamt	140
Bucuresti	144
Harsova	152
Bucuresti Magurele	156
Calarasi	174
Tulcea	178
Iasi	180
Cernavoda	185
Targu Mures	186
Ramnicu Valcea	187
Sibiu	194
Giurgiu	205
Alexandria	214
Suceava	218
Campulung M.	221
Slatina	225
Botosani	229
Constanta	230
Zimnicea	244
Turnu Magurele	255
Mangalia	258
Craiova	267
Targu Jiu	272

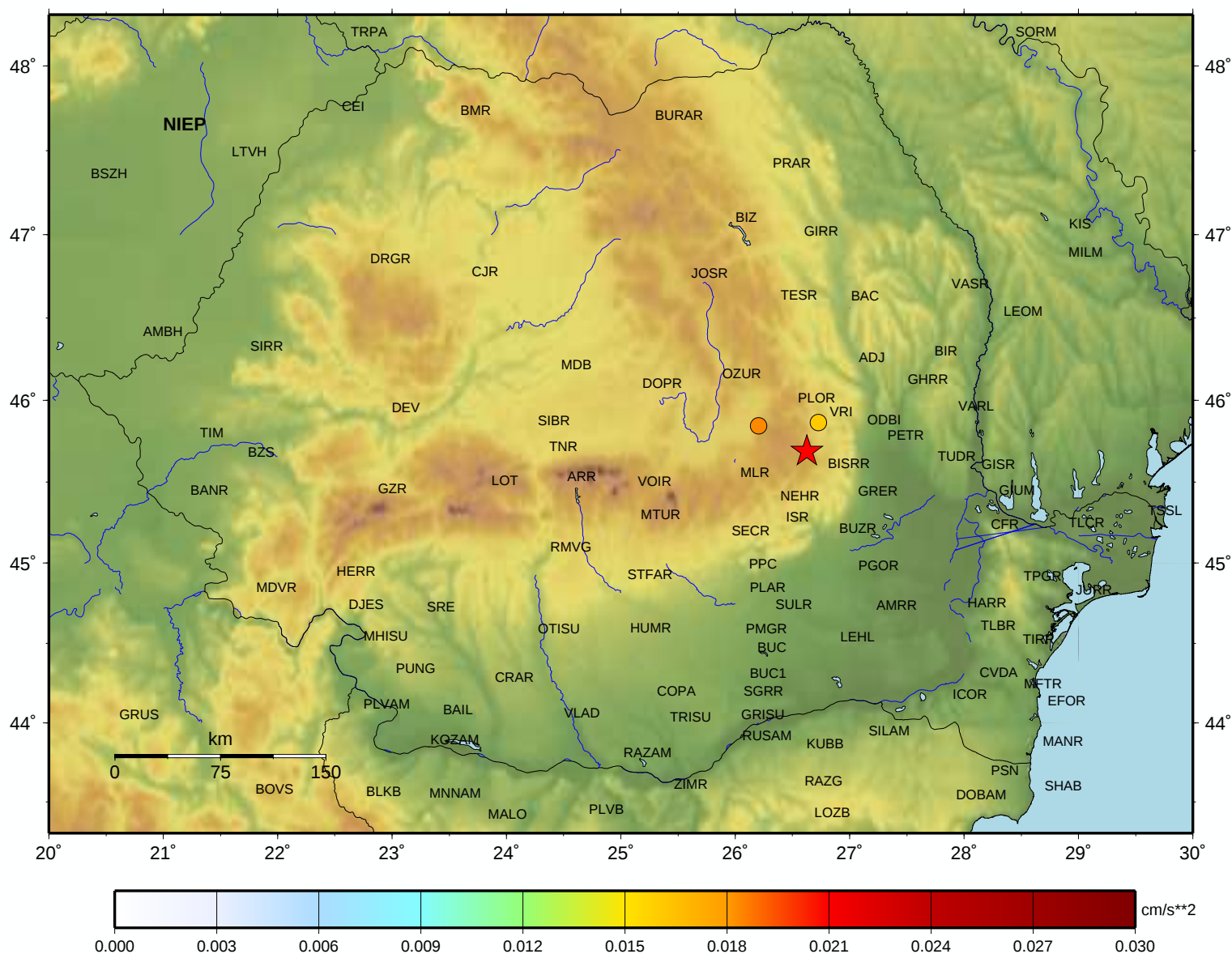
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

Max.	pga(cm/sec**2)	
COVR	HNN	0.02
VRI	HNE	0.02

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

Maximum observed acceleration: COVR HNN 0.02

Fri Apr 9, 2021 02:20:23 GMT ML 3.2 N45.69 E26.62 Depth: 139.7km ID:99022023



Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: HUMR_HHE 0.00

Fri Apr 9, 2021 02:20:23 GMT ML 3.2 N45.69 E26.62 Depth: 139.7km ID:99022023

