



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Wed May 27,2020 01:28:15

Romania - Event 26222815 - Vrancea seismic zone

Tue May 26, 2020 22:28:15 GMT ML 3.4 N45.55 E26.56 Depth: 109.5km ID:26222815

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

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Attenuation laws – GMPE::VS10 IPE::VS04_msk

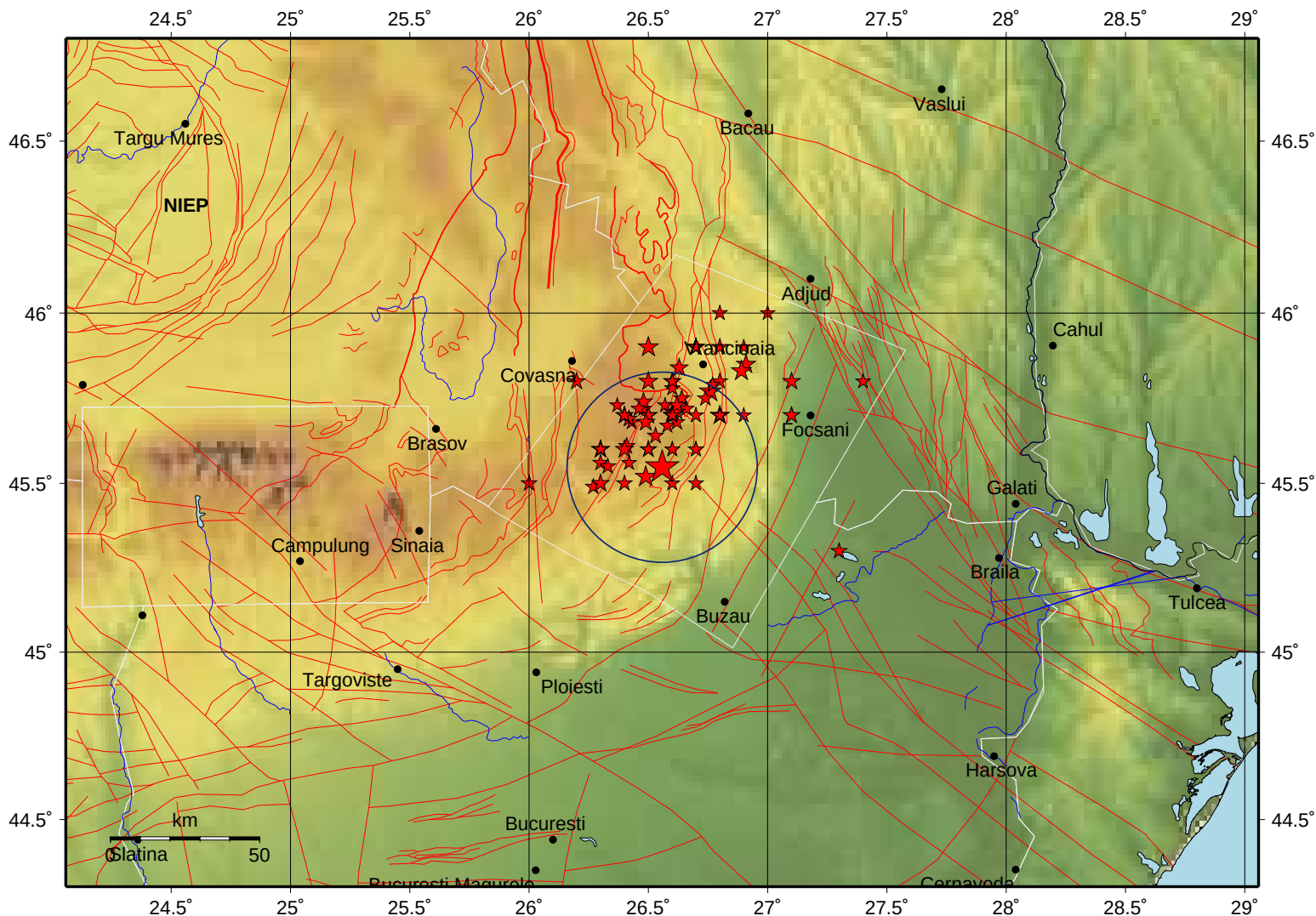
Max. grid values – pga: 0.1048(%g) pgv: 0.0021(cm/sec) mi: 2.0

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Local time

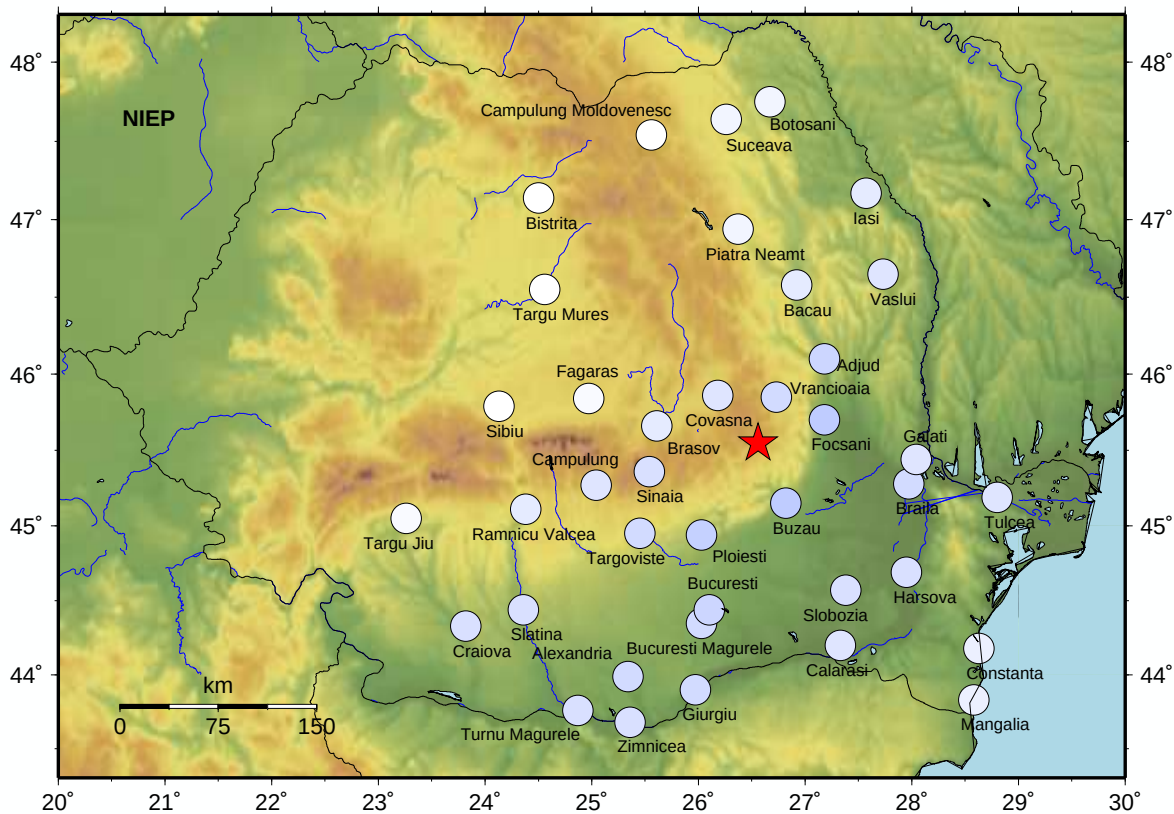
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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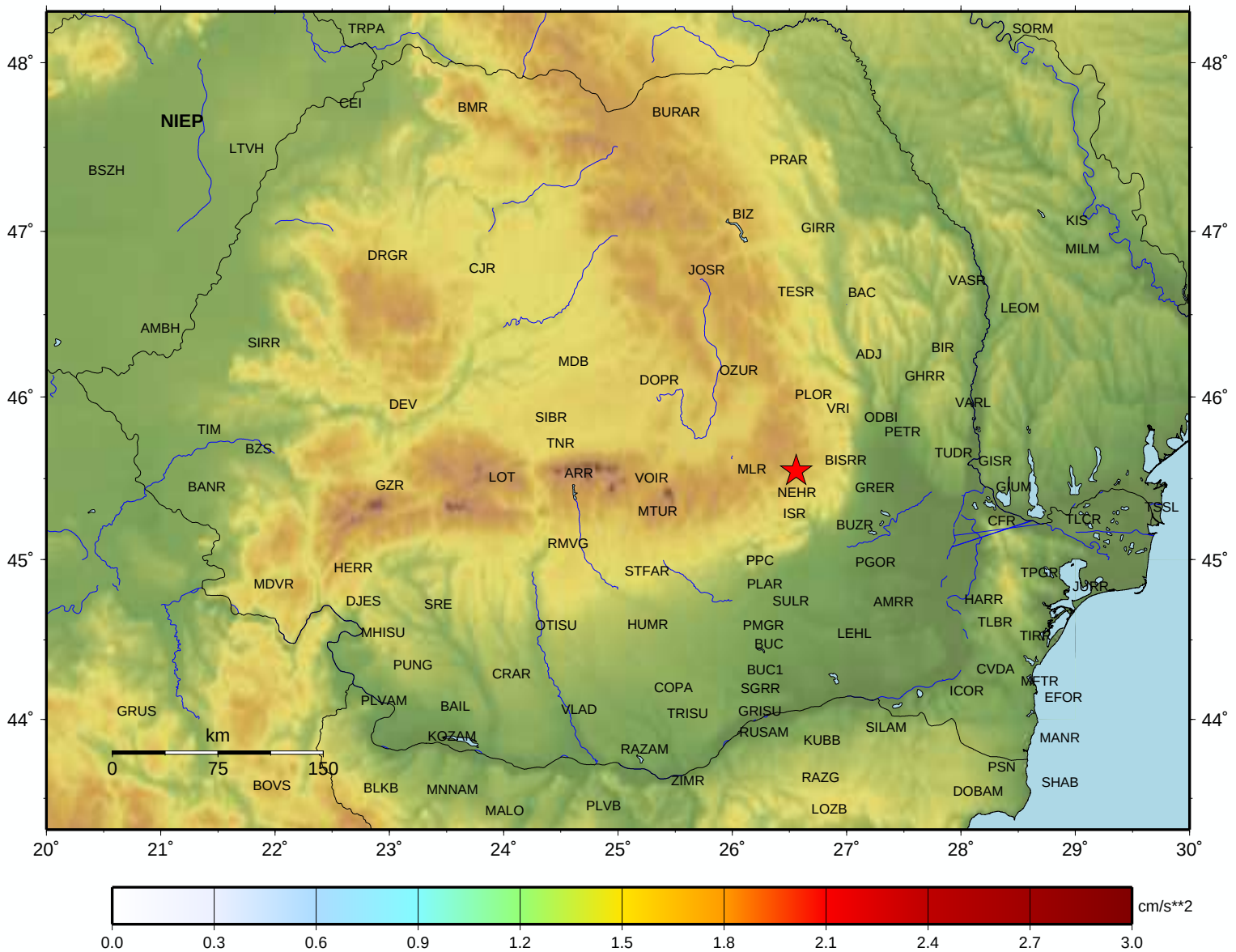


City	Distance(km)
Vrancea	36
Covasna	45
Buzau	48
Focsani	51
Brasov	75
Adjud	78
Ploiesti	79
Sinaia	82
Targoviste	109
Braila	114
Galati	116
Bacau	118
Campulung	122
Slobozia	126
Fagaras	127
Bucuresti	128
Bucuresti Magurele	139
Harsova	145
Vaslui	152
Piatra Neamt	155
Calarasi	161
Ramnicu Valcea	177
Tulcea	180
Giurgiu	188
Targu Mures	190
Sibiu	191
Iasi	196
Alexandria	198
Slatina	212
Constanta	223
Zimnicea	228
Suceava	233
Campulung M.	234
Bistrita	237
Turnu Magurele	239
Botosani	244
Mangalia	249
Craiova	255
Targu Jiu	264

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

Maximum observed acceleration: _

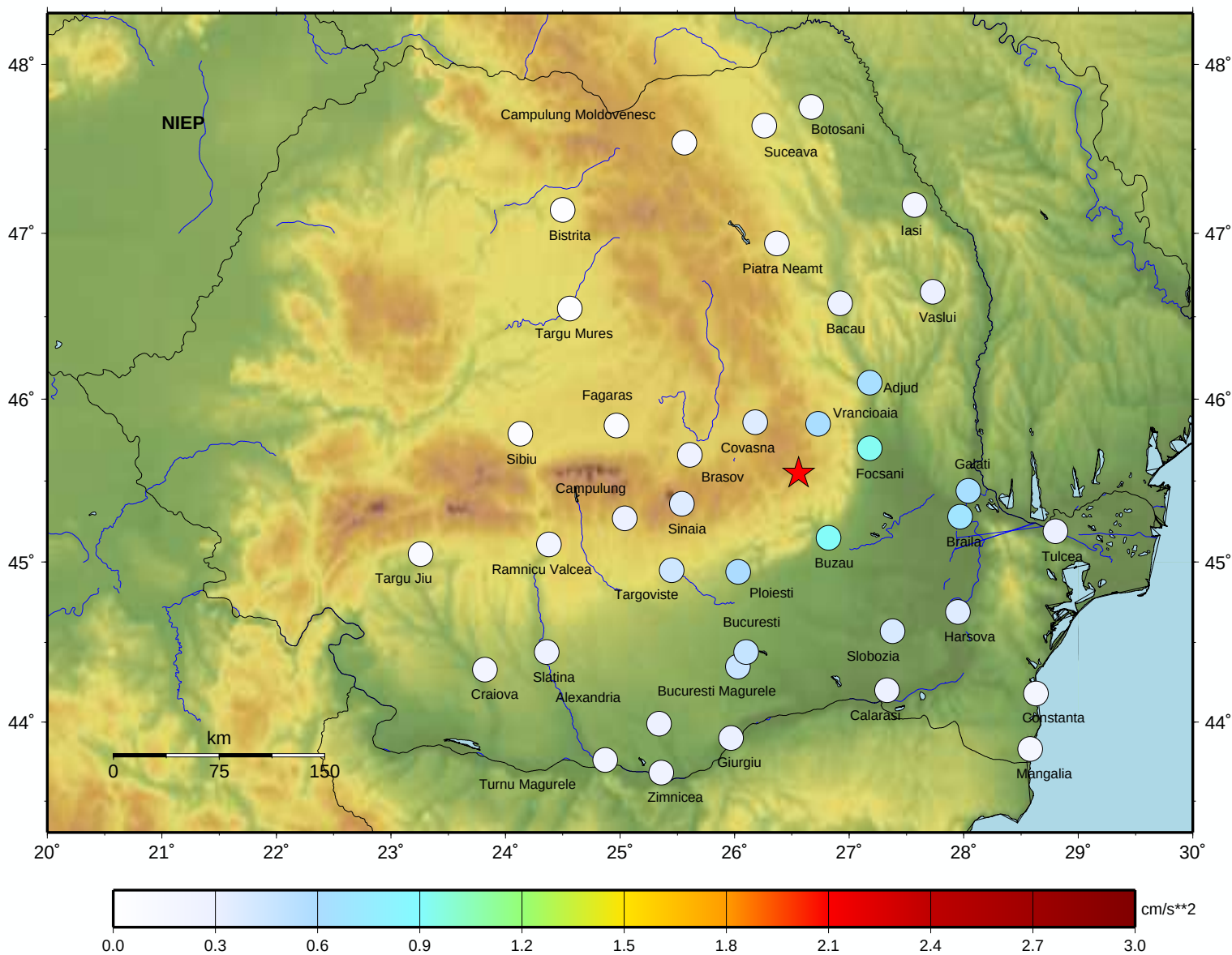
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Estimated accelerations based on GMPE::VS10 attenuation law

Maximum grid acceleration: 1.0281 (cm/sec**2); magnitude bias: 0.00

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Maximum observed velocity: PANC_HHN 0.0021
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Estimated velocities based on GMPE::VS10 attenuation law

Maximum grid velocity : 0.0021 (cm/sec); magnitude bias: -0.50

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