



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Tue Nov 17,2020 11:42:33

Romania - Event 17094233 - Vrancea seismic zone

Tue Nov 17, 2020 09:42:33 GMT ML 3.1 N45.65 E26.54 Depth: 136.4km ID:17094233

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 17094233 – Vrancea seismic zone

Attenuation laws – GMPE::VS10 IPE::VS04_msk

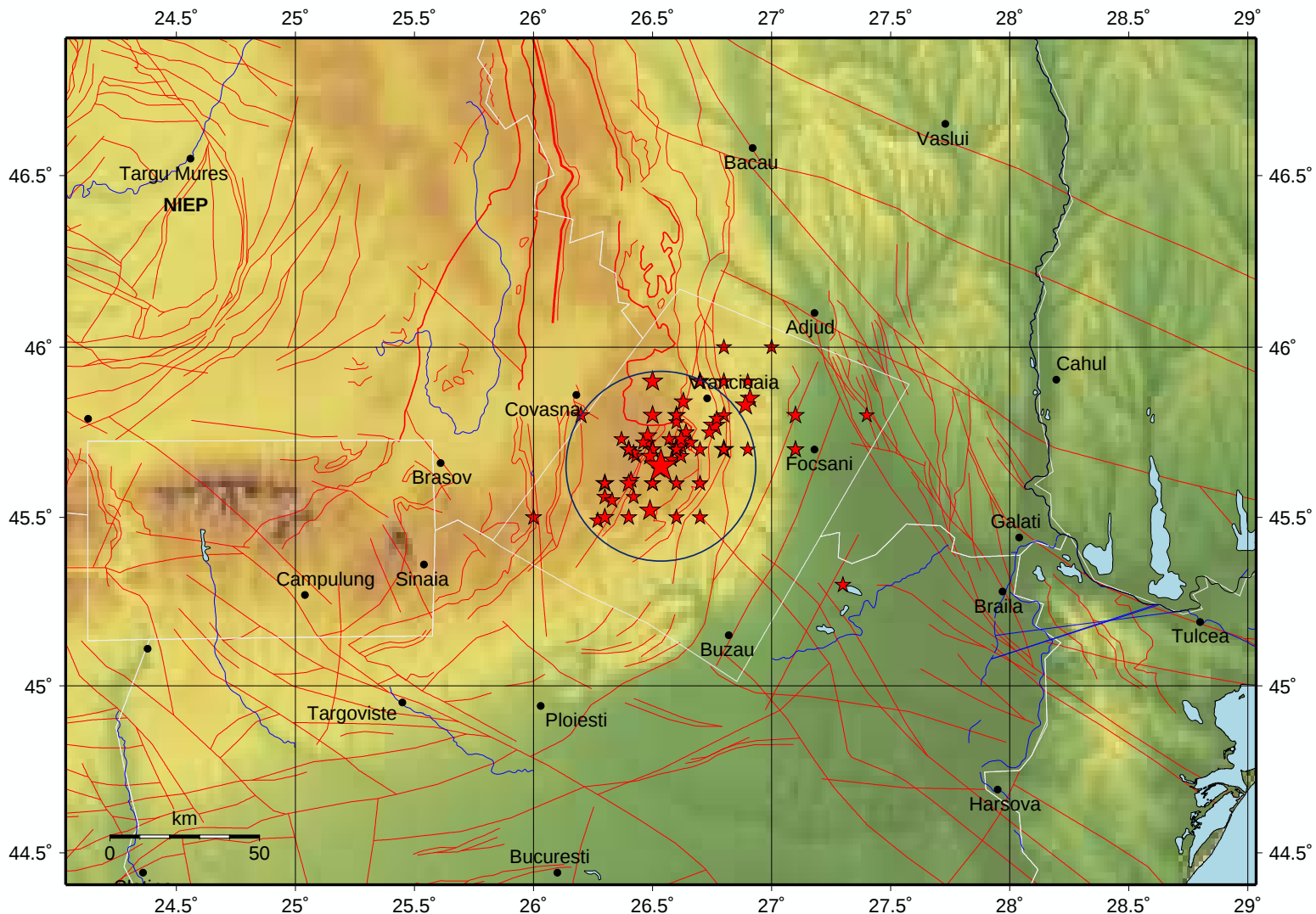
Max. grid values – pga: 0.29(cm/sec**) pgv: 0.00(cm/sec) mi: 1.6

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Local time

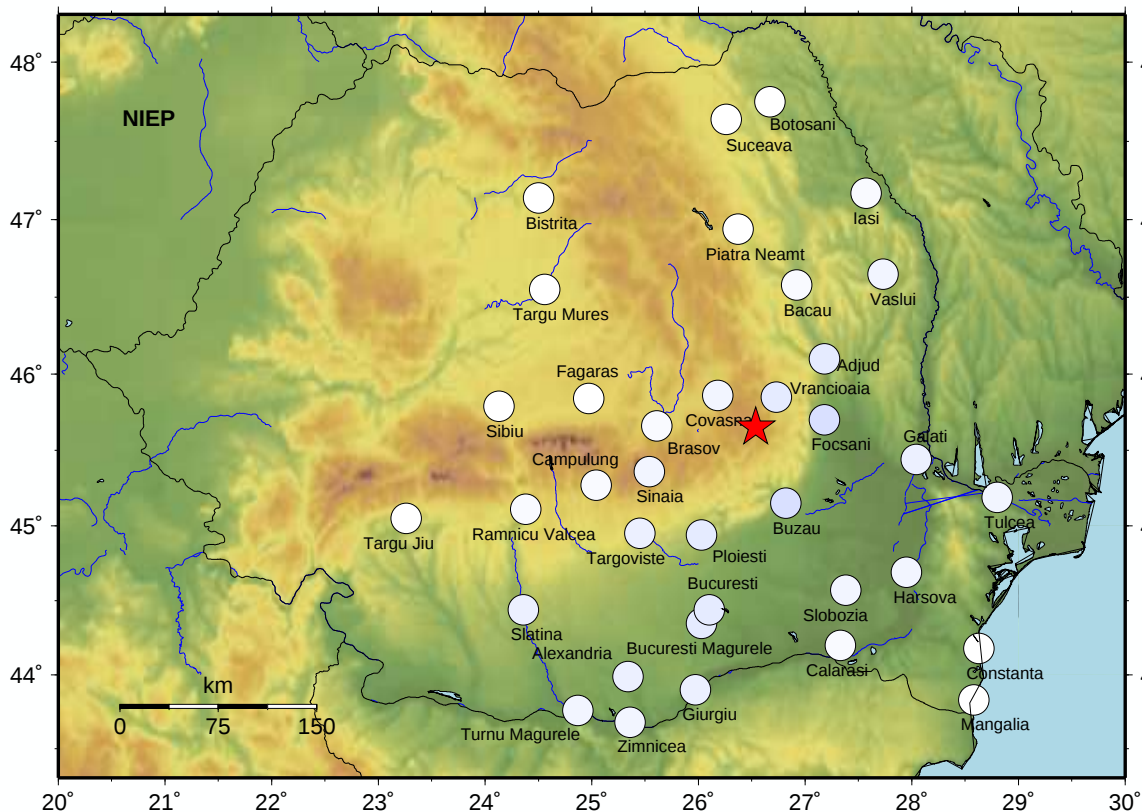
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancea	26
Covasna	36
Focsani	50
Buzau	59
Adjud	70
Brasov	72
Sinaia	84
Ploiesti	88
Bacau	107
Targoviste	115
Galati	119
Fagaras	123
Campulung	124
Slobozia	137
Bucuresti	138
Piatra Neamt	143
Vaslui	144
Bucuresti Magurele	150
Harsova	154
Calarasi	173
Ramnicu Valcea	179
Targu Mures	182
Tulcea	184
Iasi	186
Sibiu	187
Giurgiu	199
Alexandria	207
Slatina	217
Suceava	222
Bistrita	227
Constanta	232
Botosani	233
Zimnicea	238
Turnu Magurele	248
Mangalia	259
Targu Jiu	265

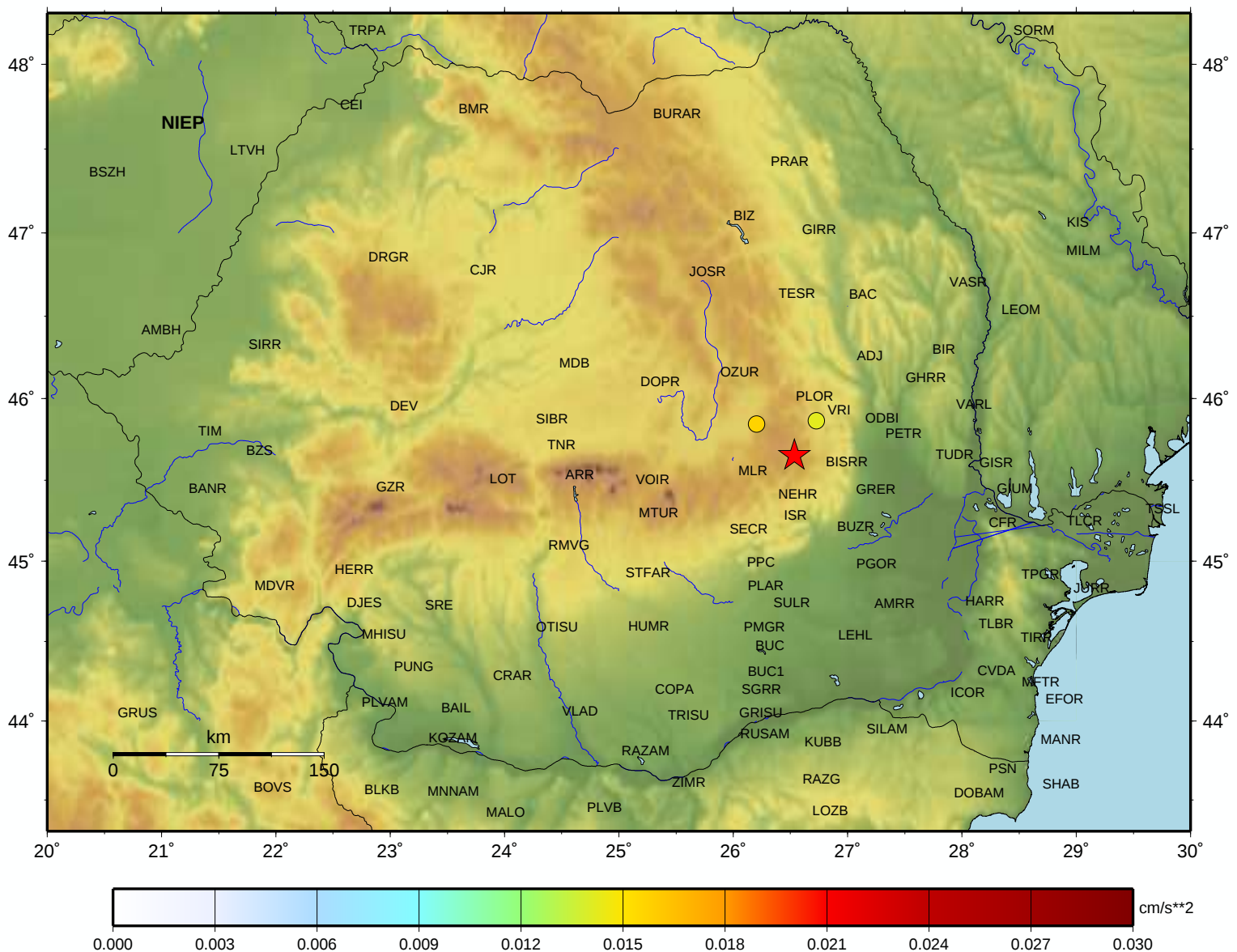
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

Max. pga(cm/sec**2)		
COVR	HNE	0.02
VRI	HNE	0.01

Observed stations accelerations – Antelope platform (cm/sec2)**

Maximum observed acceleration: COVR_HNE -0.02

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Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: BISRR_HHE 0.00

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