



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Wed Nov 25,2020 00:15:30

Romania - Event 24221530 - Vrancea seismic zone

Tue Nov 24, 2020 22:15:30 GMT ML 3.3 N45.57 E26.60 Depth: 114.6km ID:24221530

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 24221530 – Vrancea seismic zone

Attenuation laws – GMPE::VS10 IPE::VS04_msk

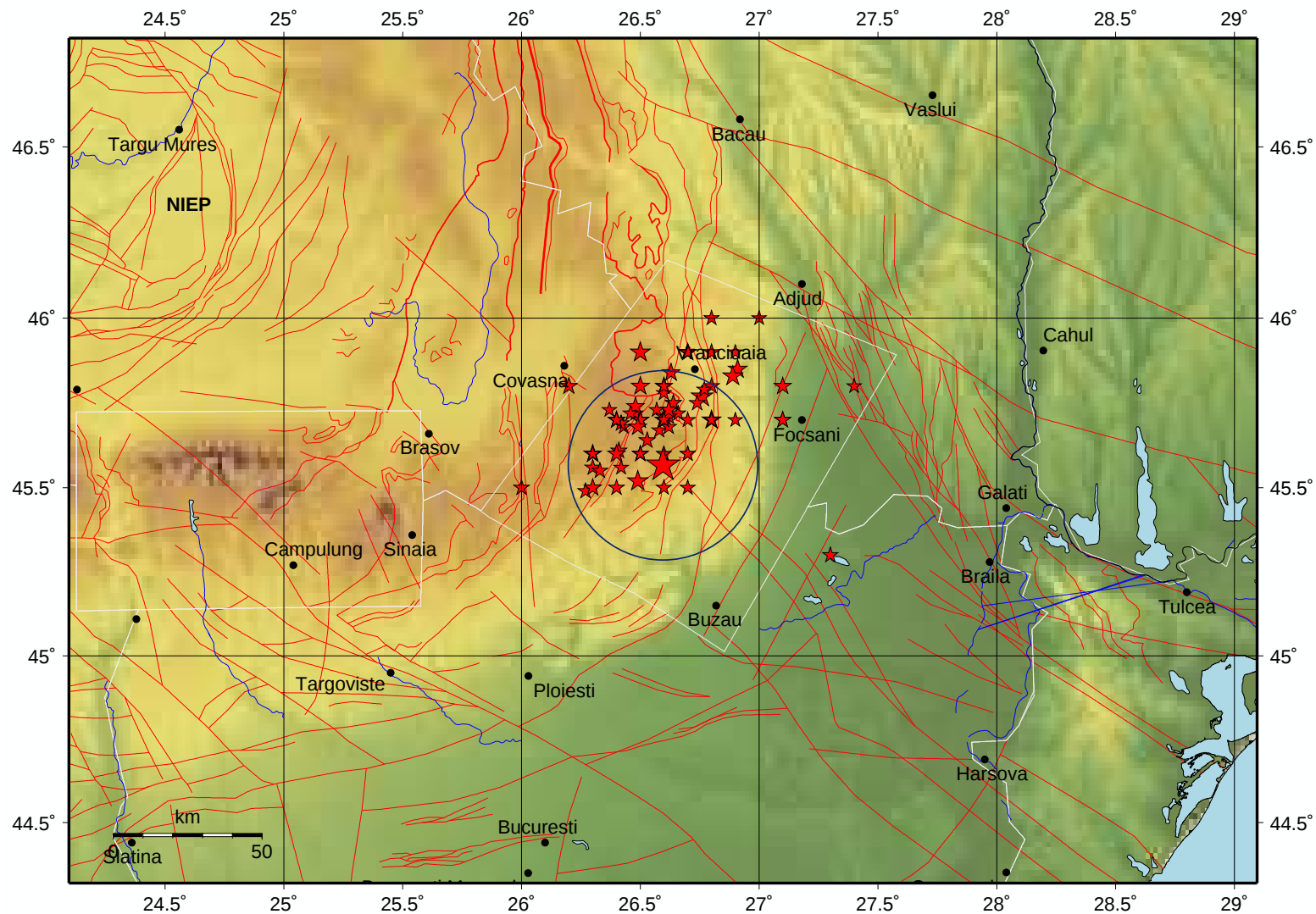
Max. grid values – pga: 0.69(cm/sec**) pgv: 0.00(cm/sec) mi: 1.9

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Local time

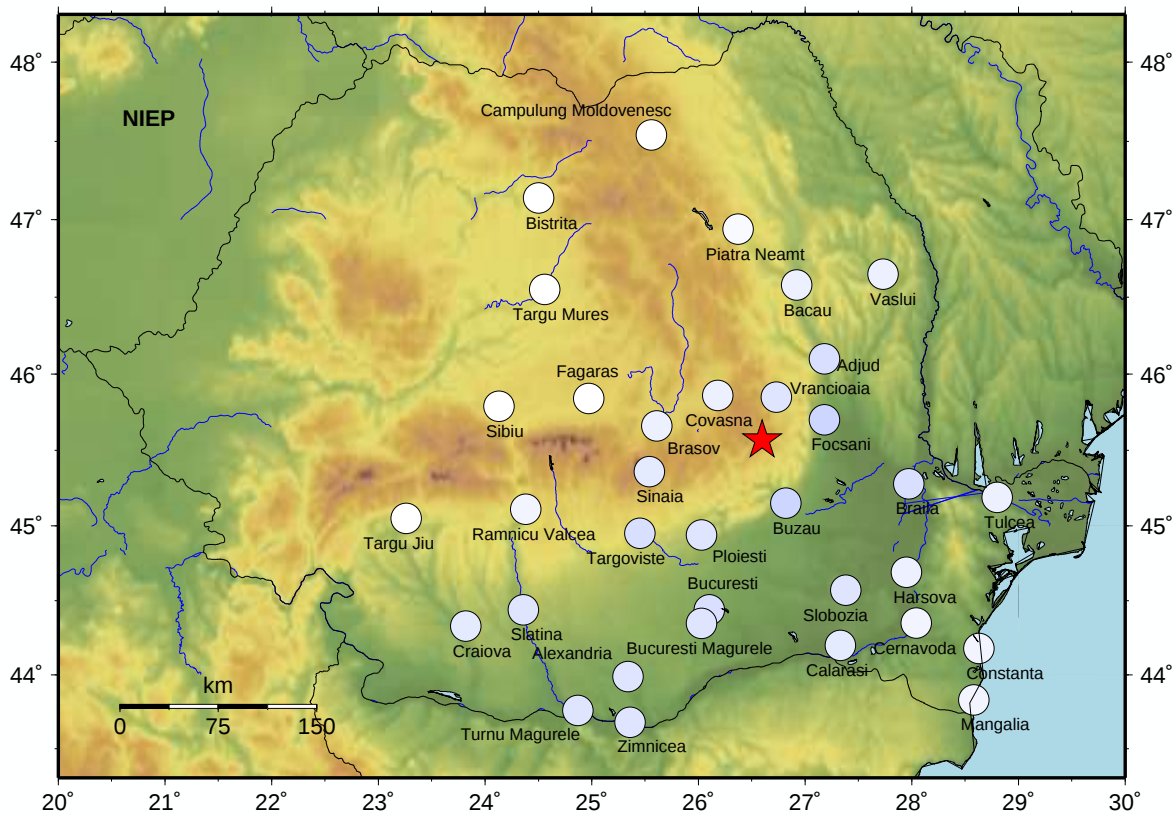
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancea	33
Covasna	45
Focșani	47
Buzău	49
Adjud	74
Brasov	77
Ploiesti	82
Sinaia	85
Braila	112
Targoviste	113
Bacău	115
Slobozia	126
Fagaras	130
Bucuresti	131
Bucuresti Magurele	142
Harsova	144
Vaslui	148
Piatra Neamt	153
Calarasi	162
Cernavoda	176
Tulcea	177
Ramnicu Valcea	180
Targu Mures	191
Sibiu	193
Alexandria	201
Slatina	216
Constanta	222
Zimnicea	231
Campulung M.	233
Bistrita	237
Turnu Magurele	242
Mangalia	248
Craiova	258
Targu Jiu	267

PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	none	none	none	Very light	Light	Moderate	Moderate/Heavy	Heavy	Very Heavy
INSTRUMENTAL INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+

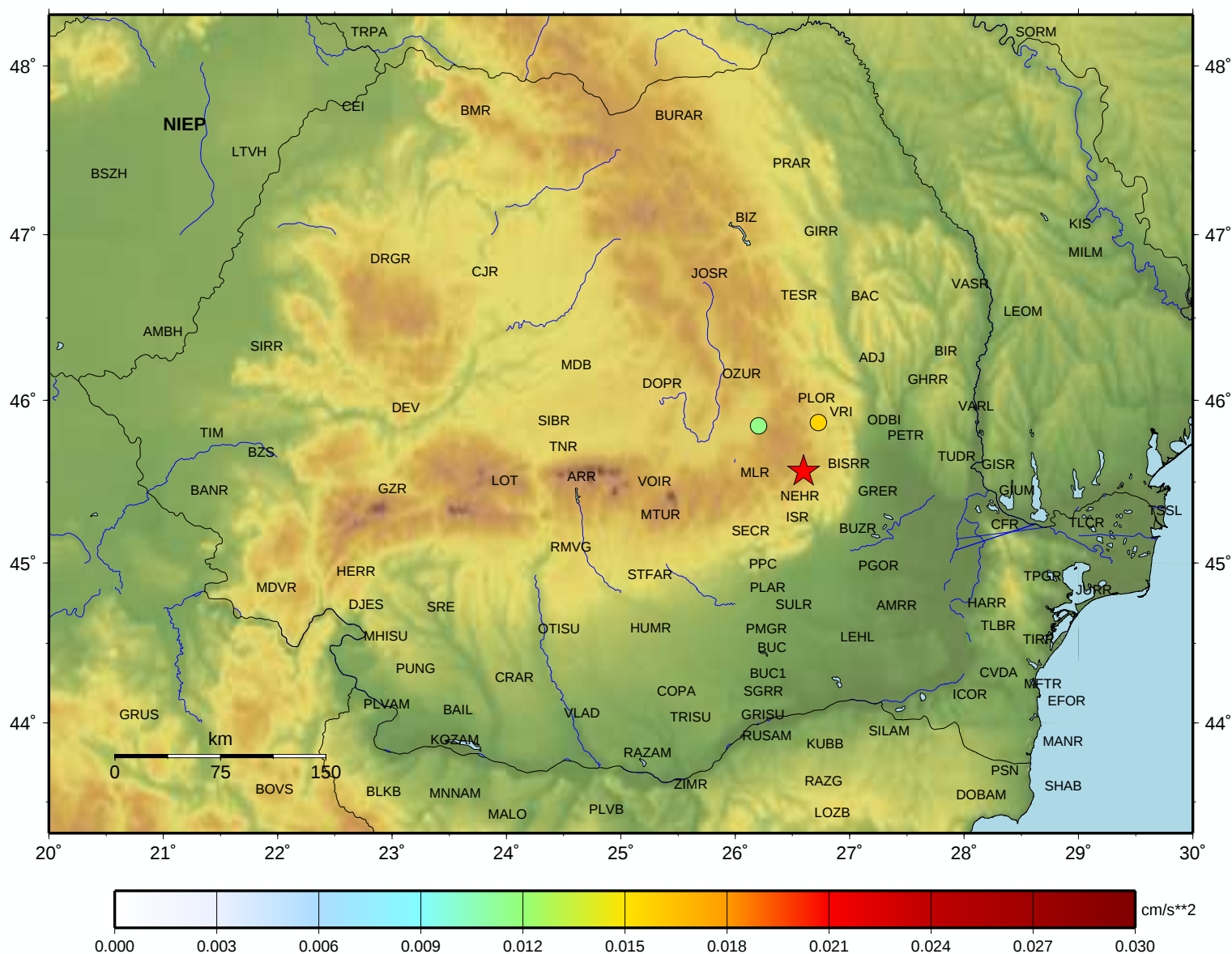
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

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

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

Maximum observed acceleration: VRI HNE 0.02

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Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: MNTR_HHN 0.00

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