



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Sat Jan 09,2021 03:00:48

Romania - Event 99010048 - Vrancea seismic zone

Sat Jan 9, 2021 01:00:48 GMT ML 3.3 N45.63 E26.45 Depth: 144.5km ID:99010048

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

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Attenuation laws – GMPE::VS10 IPE::VS04_msk

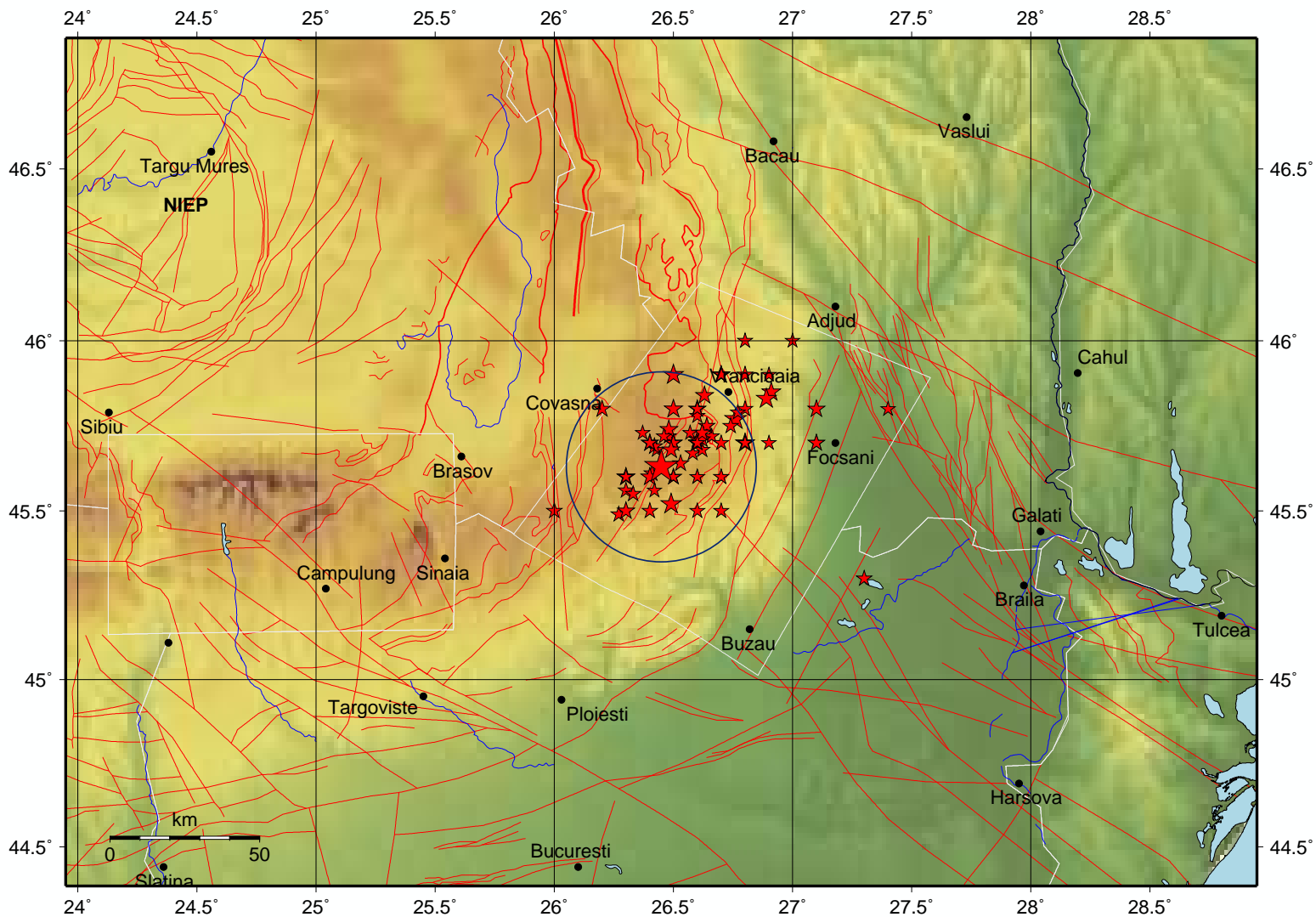
Max. grid values – pga: 0.39(cm/sec**) pgv: 0.00(cm/sec) mi: 1.8

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Local time

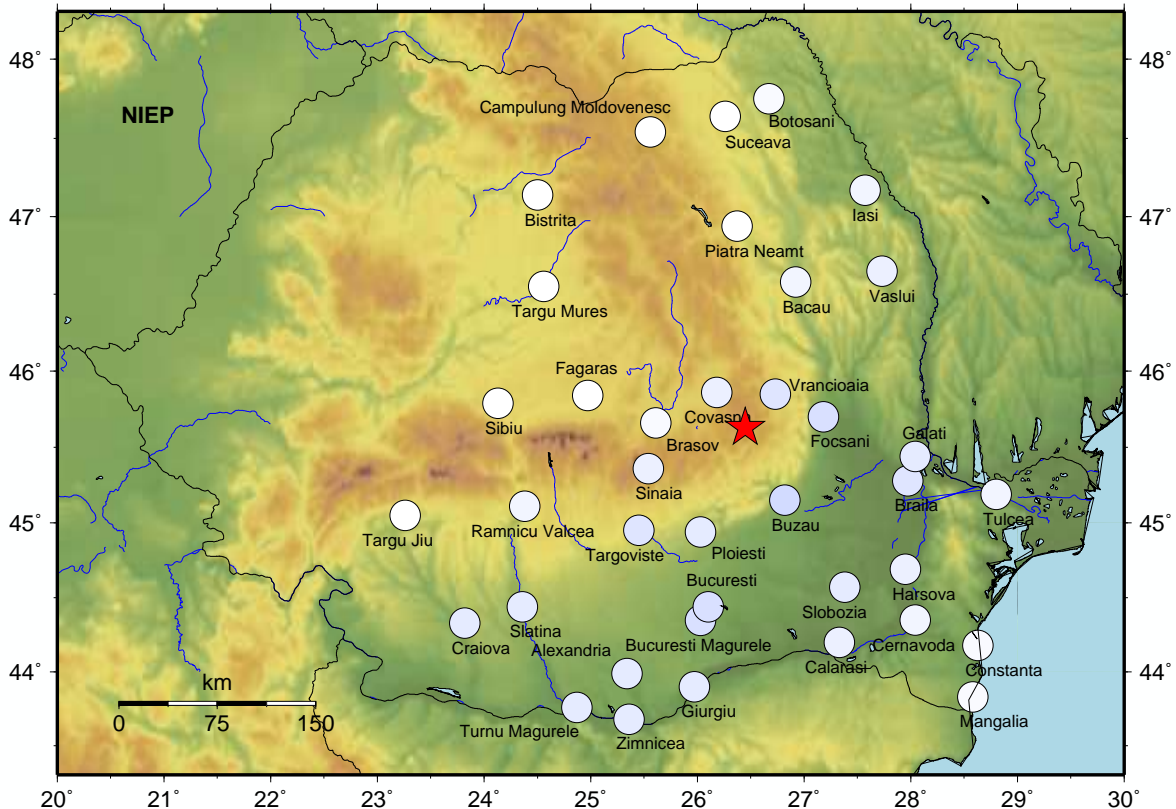
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Fault lines ———



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancioaia	32
Covasna	33
Focsani	57
Buzau	60
Brasov	65
Sinaia	77
Ploiesti	83
Targoviste	108
Bacau	111
Fagaras	117
Braila	125
Galati	126
Bucuresti	135
Slobozia	138
Piatra Neamt	145
Bucuresti Magurele	146
Vaslui	150
Harsova	157
Ramnicu Valcea	172
Calarasi	173
Targu Mures	178
Sibiu	181
Cernavoda	189
Tulcea	190
Iasi	191
Giurgiu	195
Alexandria	202
Slatina	211
Campulung M.	222
Suceava	223
Bistrita	225
Zimnicea	233
Constanta	235
Botosani	236
Turnu Magurele	242
Craiova	252
Targu Jiu	258
Mangalia	261

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+

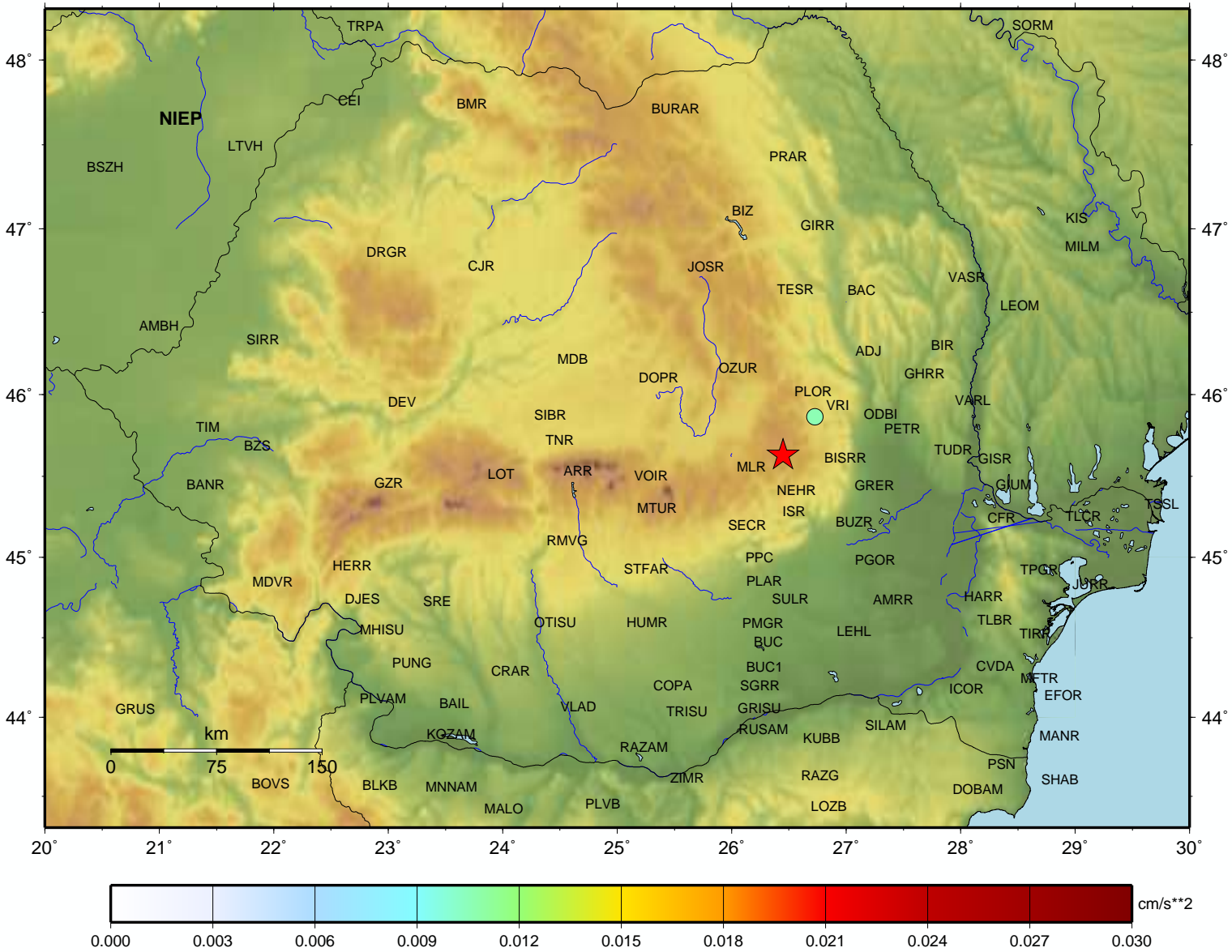
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

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

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

Maximum observed acceleration: VRI_HNE -0.01

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Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: HUMR_HHN 0.10

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