



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Mon Dec 01, 2025 05:40:01

Romania - Event 91034001 - Vrancea seismic zone

Mon Dec 1, 2025 03:40:01 GMT ML 3.8 N45.67 E26.54 Depth: 139.4km ID:91034001

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

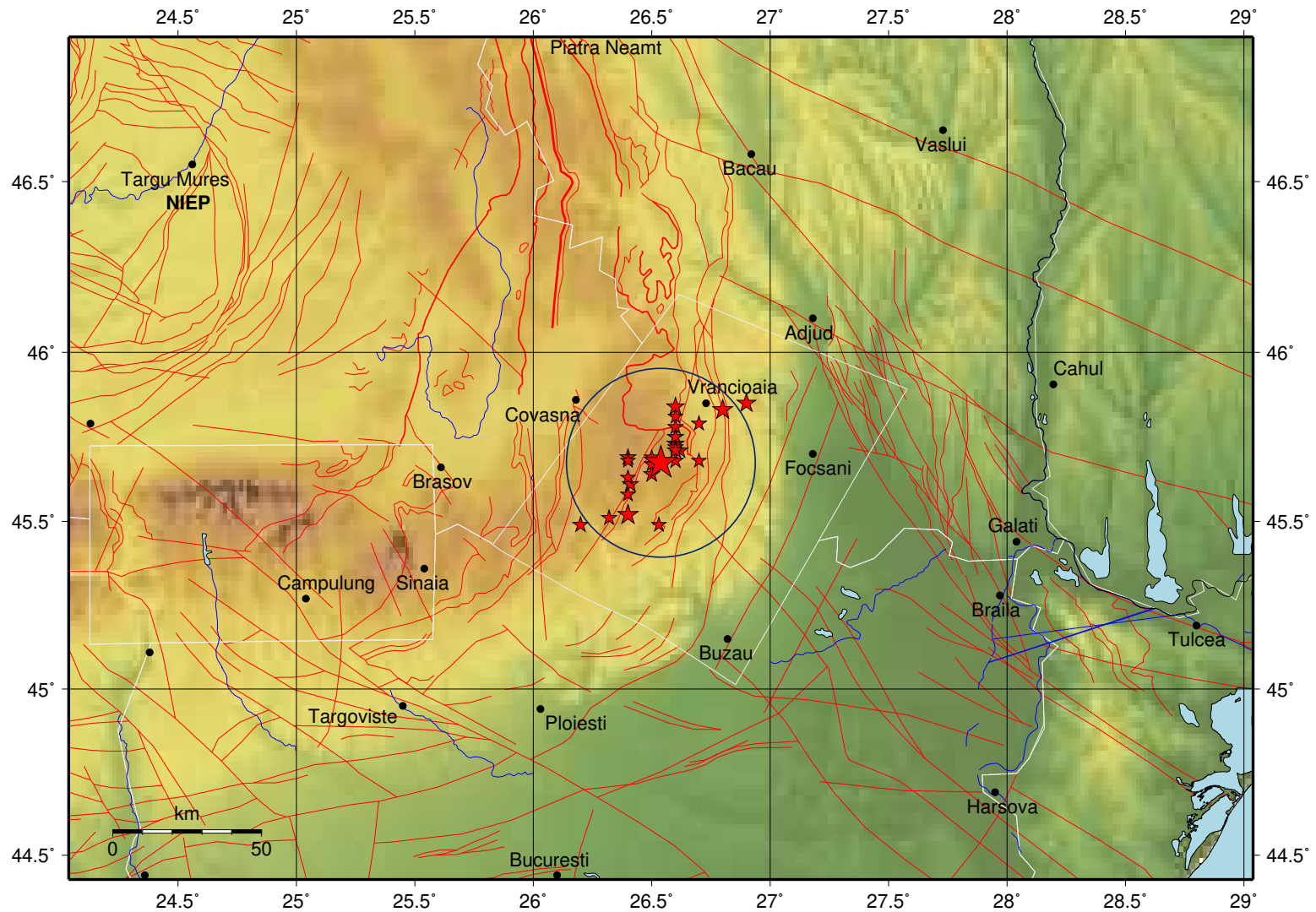
Date	Time	Lon	Lat	Depth	Mw
16-Sep-2024	14:40:22	26.32	45.51	128.4	5.1
03-Nov-2022	04:50:25	26.53	45.49	149.0	4.9
28-Oct-2018	00:38:11	26.41	45.61	147.8	5.5
27-Dec-2016	23:20:55	26.60	45.71	96.9	5.6
23-Sep-2016	23:11:20	26.62	45.71	92.0	5.5
06-Oct-2013	01:37:21	26.50	45.67	135.1	5.2
01-May-2011	02:24:15	26.40	45.58	146.1	4.9
25-Apr-2009	17:18:48	26.60	45.68	109.6	5.4
13-Dec-2005	12:14:45	26.70	45.68	136.8	4.9
18-Jun-2005	15:16:41	26.60	45.72	153.7	5.2

Source: ROMPLUS Catalogue

Romania – Event 91034001 – Vrancea seismic zone

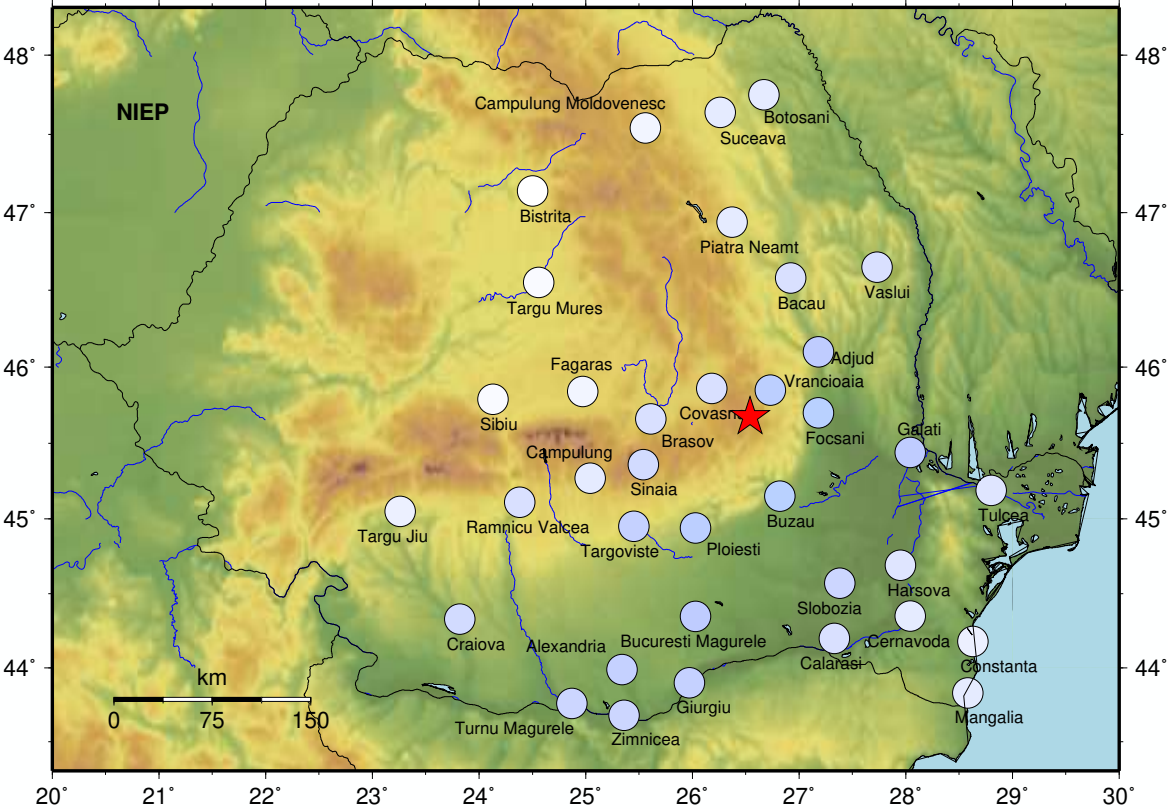
Attenuation laws – GMPE::VS10 IPE::VS04_msk
Max. grid values – pga: 0.20(cm/sec**) pgv: 0.00(cm/sec) mi: 2.3
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Local time
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancioaia	24
Covasna	34
Focsani	50
Buzau	62
Adjud	68
Brasov	72
Sinaia	85
Ploiesti	90
Bacau	104
Targoviste	117
Galati	120
Fagaras	123
Campulung	125
Slobozia	139
Piatra Neamt	141
Vaslui	142
Bucuresti Magurele	152
Harsova	155
Calarasi	175
Ramnicu Valcea	180
Targu Mures	181
Tulcea	184
Sibiu	187
Cernavoda	188
Giurgiu	202
Alexandria	209
Suceava	219
Campulung M.	220
Bistrita	226
Botosani	231
Constanta	234
Zimnicea	240
Turnu Magurele	250
Mangalia	260
Craiova	261
Targu Jiu	266

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+

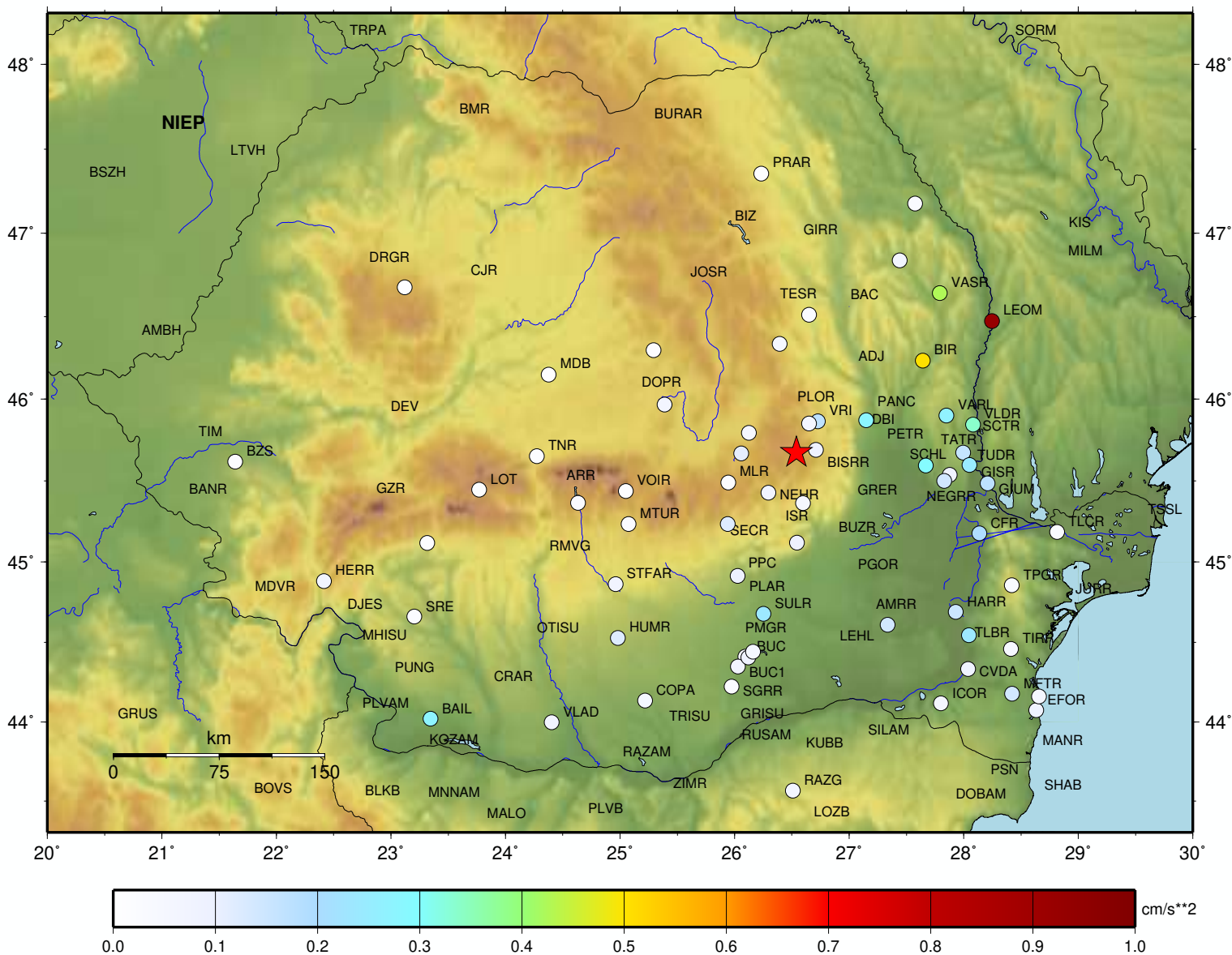
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National- Retea Seismica Nationala (IOSIN-RSN)"

Max. pga (cm/sec**2)

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

Maximum observed acceleration: LEOM_HNN 0.93

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Max. pgv (cm/sec)

Maximum observed velocity: COPA_HHN 0.02

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