



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Fri Dec 12, 2025 03:54:25

Romania - Event 12015425 - Vrancea seismic zone

Fri Dec 12, 2025 01:54:25 GMT ML 3.9 N45.70 E26.58 Depth: 87.7km ID:12015425

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

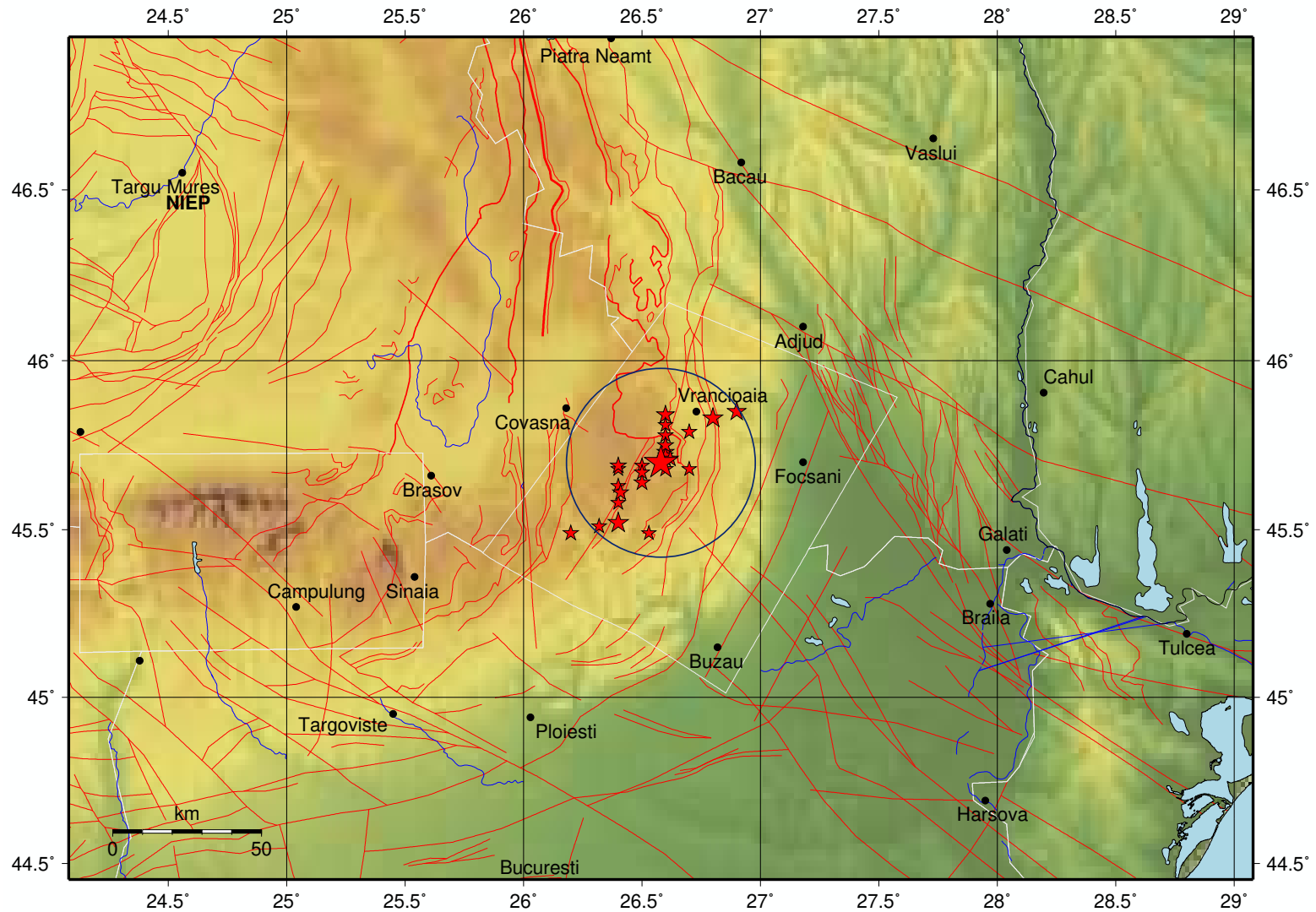
Date	Time	Lon	Lat	Depth	Mw
16-Sep-2024	14:40:22	26.32	45.51	128.4	5.1
03-Nov-2022	04:50:25	26.53	45.49	149.0	4.9
28-Oct-2018	00:38:11	26.41	45.61	147.8	5.5
27-Dec-2016	23:20:55	26.60	45.71	96.9	5.6
23-Sep-2016	23:11:20	26.62	45.71	92.0	5.5
06-Oct-2013	01:37:21	26.50	45.67	135.1	5.2
01-May-2011	02:24:15	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 12015425 – Vrancea seismic zone

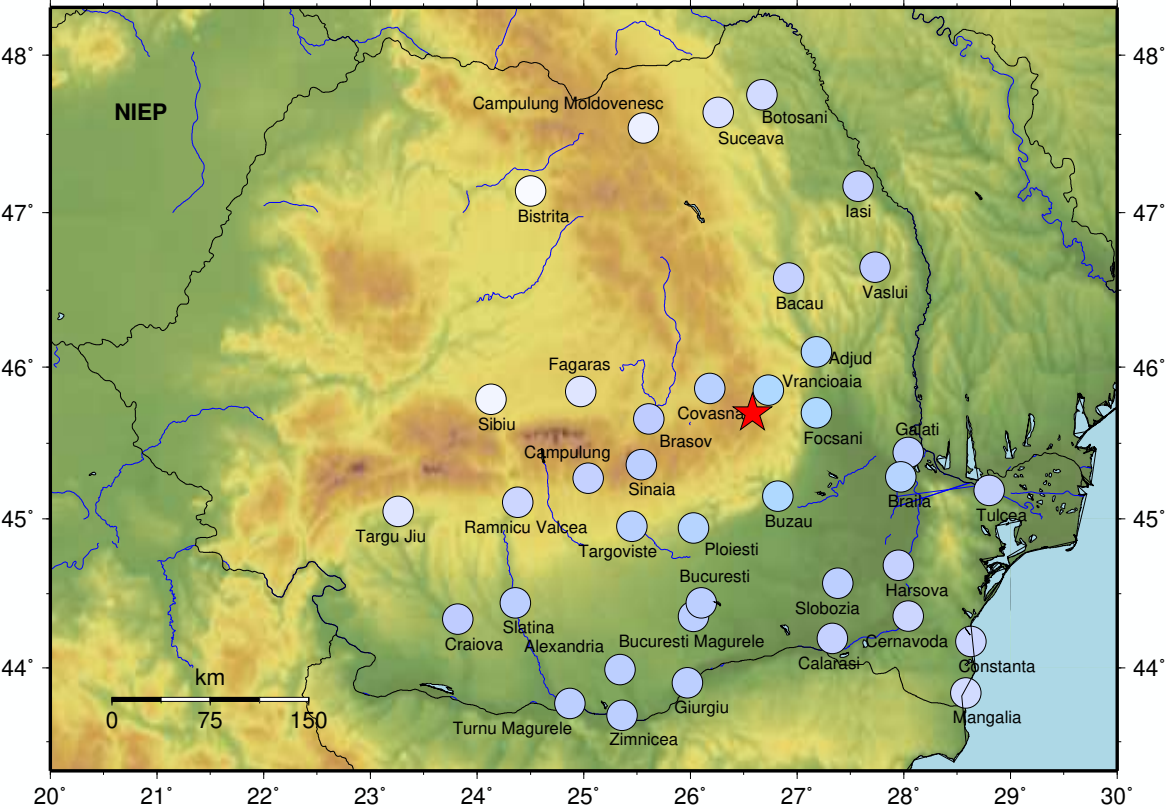
Attenuation laws – GMPE::VS10 IPE::VS04_msk
Max. grid values – pga: 0.49(cm/sec**) pgv: 0.01(cm/sec) mi: 2.6
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Local time
Fri Dec 12,2025 03:54:25
Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancea	20
Covasna	35
Focsani	46
Buzau	63
Adjud	64
Brasov	75
Sinaia	89
Ploiesti	94
Bacau	101
Galati	117
Braila	118
Targoviste	121
Fagaras	126
Campulung	129
Vaslui	138
Slobozia	140
Bucuresti	144
Harsova	155
Bucuresti Magurele	156
Calarasi	176
Iasi	180
Tulcea	182
Ramnicu Valcea	184
Cernavoda	188
Sibiu	190
Giurgiu	205
Alexandria	213
Suceava	217
Campulung M.	219
Slatina	223
Bistrita	226
Botosani	228
Constanta	233
Zimnicea	244
Turnu Magurele	254
Mangalia	261
Craiova	265
Targu Jiu	269

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+

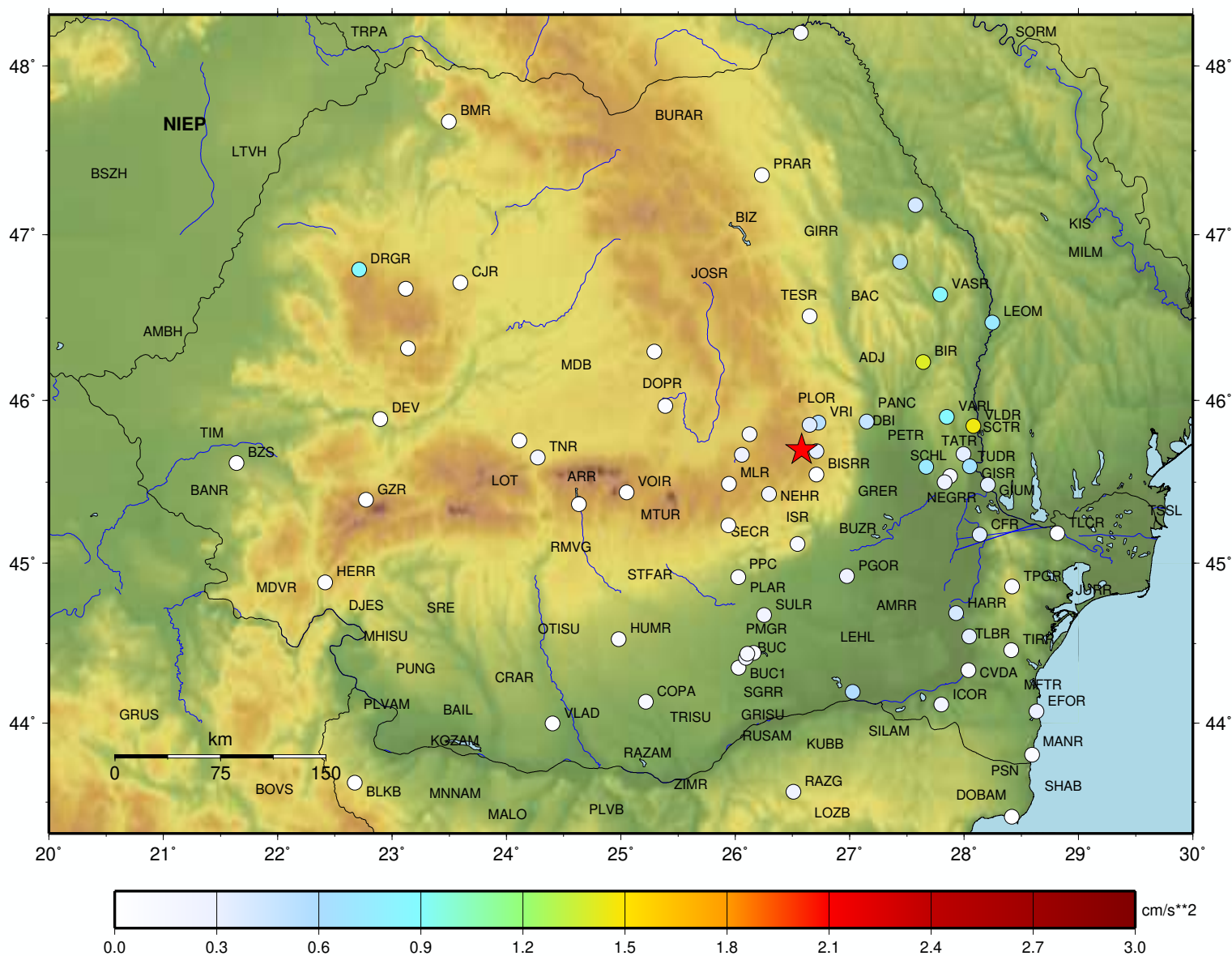
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National- Retea Seismica Nationala (IOSIN-RSN)"

Max. pga (cm/sec**2)

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

Maximum observed acceleration: VLDR_HNN 1.46

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

Max. pgv (cm/sec)

Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: RMRR_HHN 0.39

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