



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Thu Dec 18, 2025 10:44:46

Romania - Event 18084446 - Vrancea seismic zone

Thu Dec 18, 2025 08:44:46 GMT ML 3.4 N45.74 E26.63 Depth: 82.7km ID:18084446

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

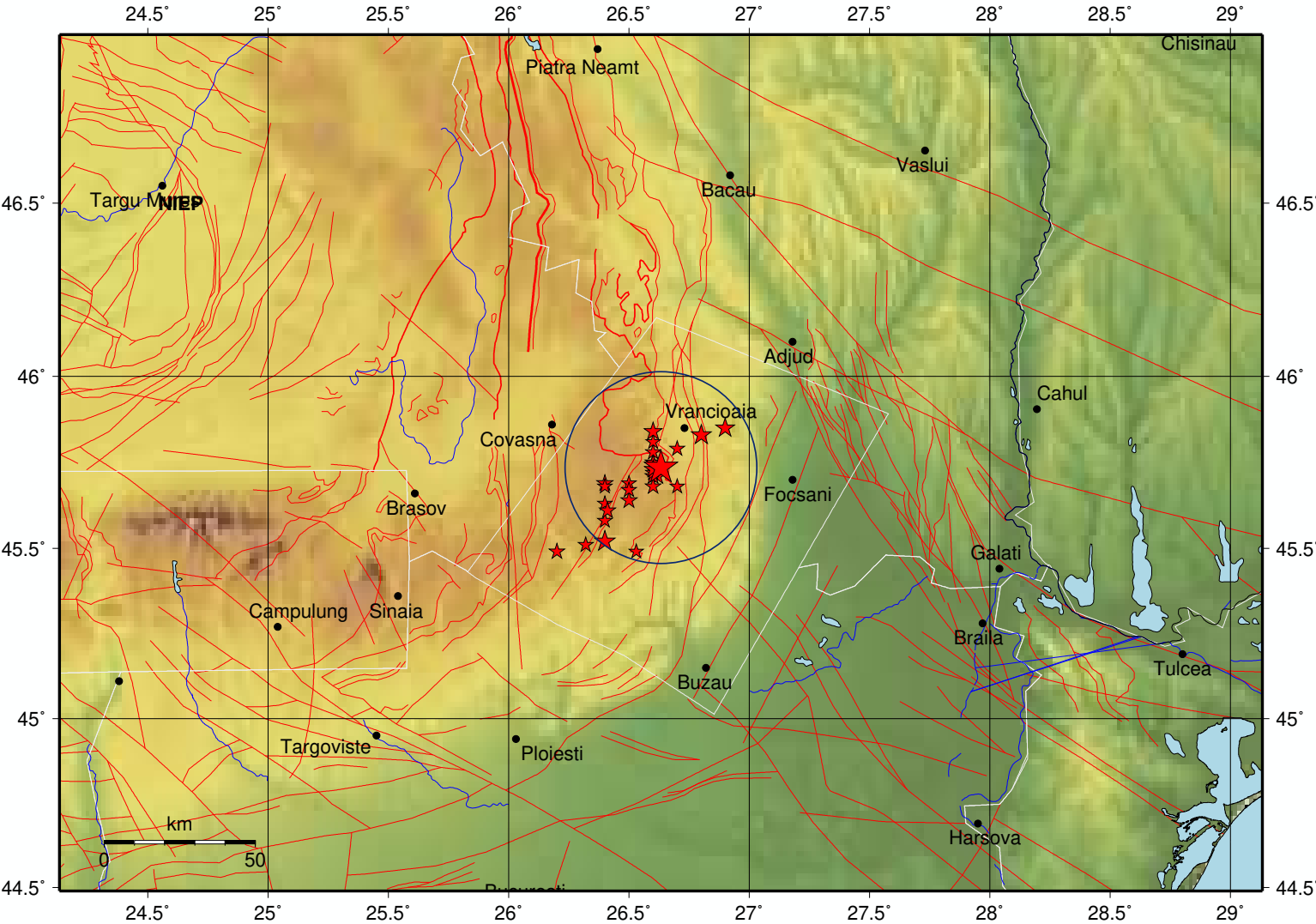
Date	Time	Lon	Lat	Depth	Mw
16-Sep-2024	14:40:22	26.32	45.51	128.4	5.1
03-Nov-2022	04:50:25	26.53	45.49	149.0	4.9
28-Oct-2018	00:38:11	26.41	45.61	147.8	5.5
27-Dec-2016	23:20:55	26.60	45.71	96.9	5.6
23-Sep-2016	23:11:20	26.62	45.71	92.0	5.5
06-Oct-2013	01:37:21	26.50	45.67	135.1	5.2
01-May-2011	02:24:15	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 18084446 – Vrancea seismic zone

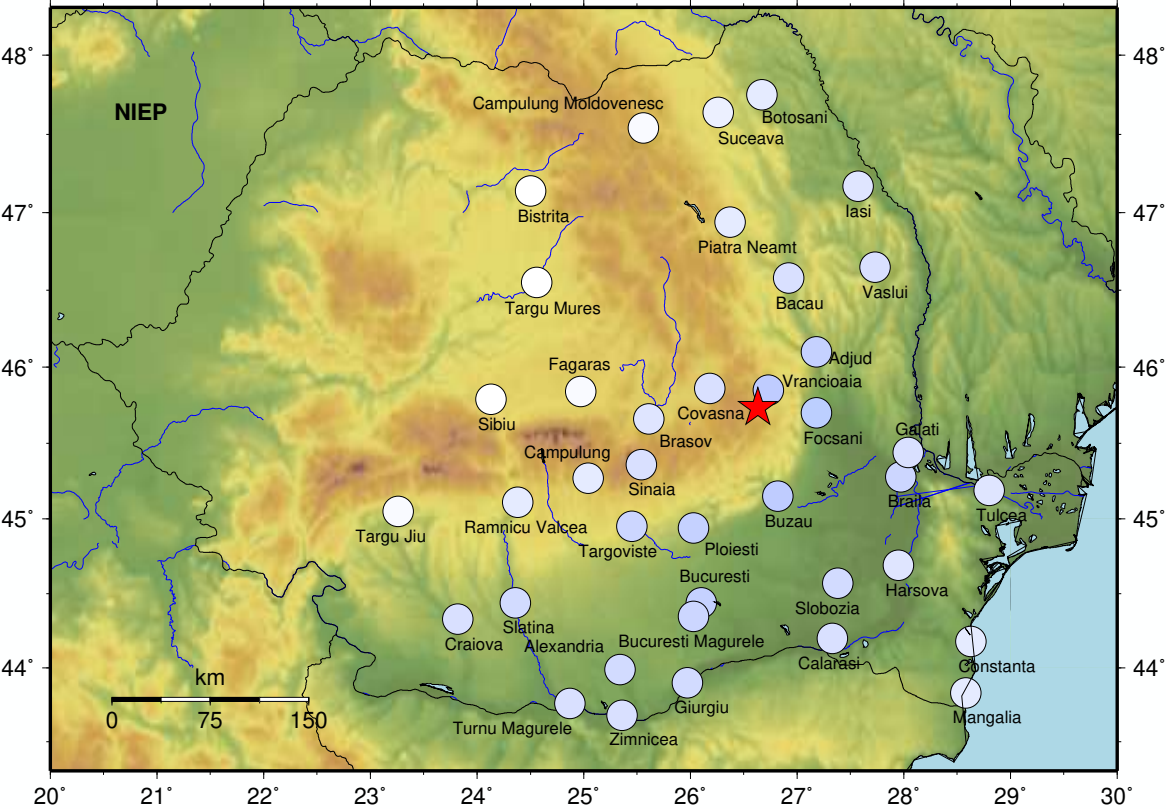
Attenuation laws – GMPE::VS10 IPE::VS04_msk
Max. grid values – pga: 0.10(cm/sec**) pgv: 0.00(cm/sec) mi: 2.1
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Local time
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancea	14
Covasna	37
Focsani	42
Adjud	58
Buzau	66
Brasov	80
Sinaia	94
Bacau	96
Ploiesti	100
Galati	114
Braila	116
Targoviste	127
Fagaras	129
Vaslui	132
Campulung	134
Piatra Neamt	135
Slobozia	142
Bucuresti	149
Harsova	155
Bucuresti Magurele	161
Iasi	175
Calarasi	179
Tulcea	180
Targu Mures	183
Ramnicu Valcea	189
Sibiu	194
Giurgiu	210
Suceava	213
Campulung M.	216
Alexandria	219
Botosani	224
Bistrita	226
Slatina	229
Constanta	233
Zimnicea	249
Turnu Magurele	260
Mangalia	261
Craiova	271
Targu Jiu	274

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+

Max. pga (cm/sec**2)

Maximum observed acceleration: PGOR_HNE 0.14

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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: TUDR_HHE 0.00

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