



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Wed Dec 31, 2025 20:48:09

Romania - Event 31184809 - Vrancea seismic zone

Wed Dec 31, 2025 18:48:09 GMT ML 3.7 N45.56 E26.42 Depth: 137.4km ID:31184809

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

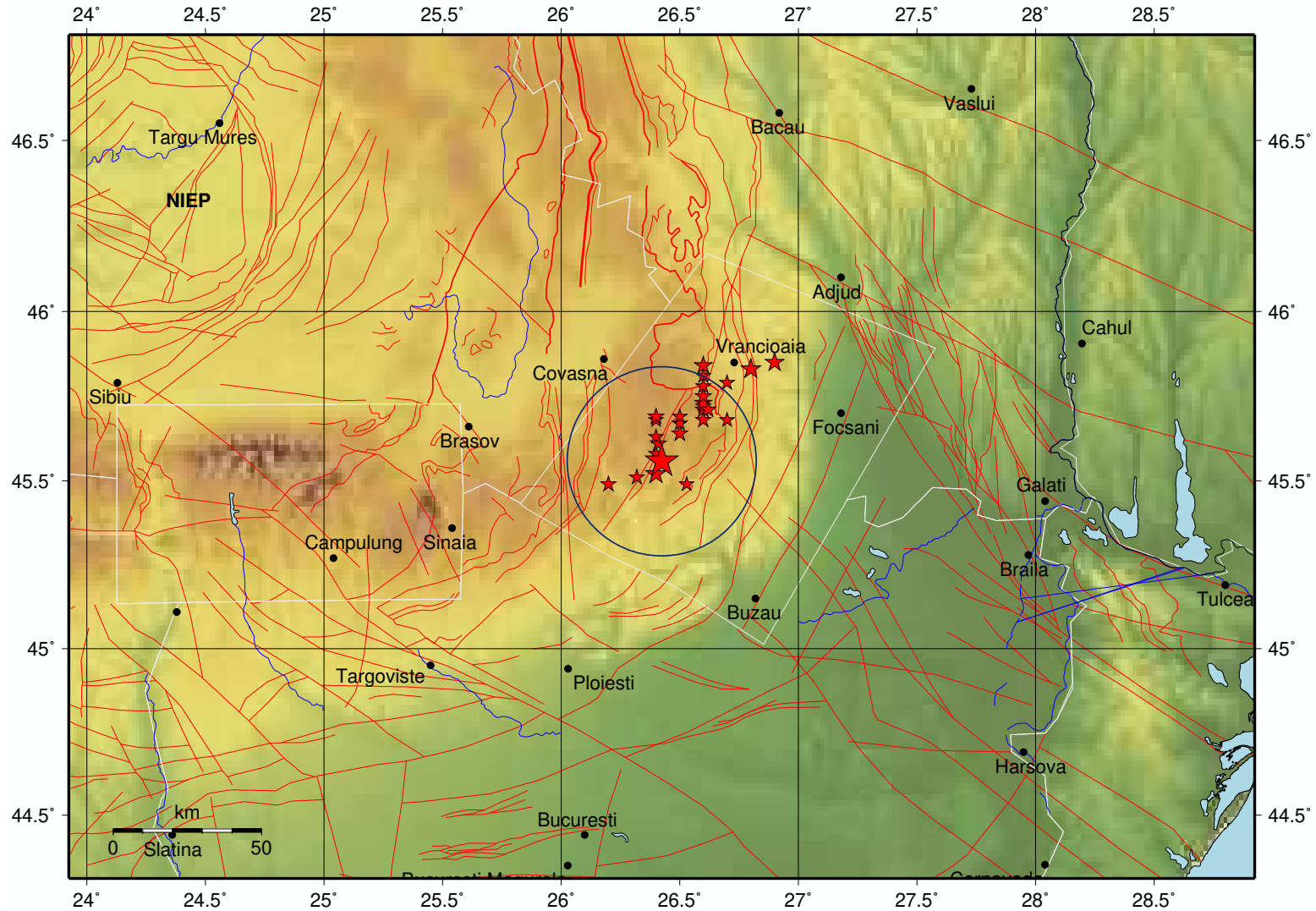
Date	Time	Lon	Lat	Depth	Mw
16-Sep-2024	14:40:22	26.32	45.51	128.4	5.1
03-Nov-2022	04:50:25	26.53	45.49	149.0	4.9
28-Oct-2018	00:38:11	26.41	45.61	147.8	5.5
27-Dec-2016	23:20:55	26.60	45.71	96.9	5.6
23-Sep-2016	23:11:20	26.62	45.71	92.0	5.5
06-Oct-2013	01:37:21	26.50	45.67	135.1	5.2
01-May-2011	02:24:15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

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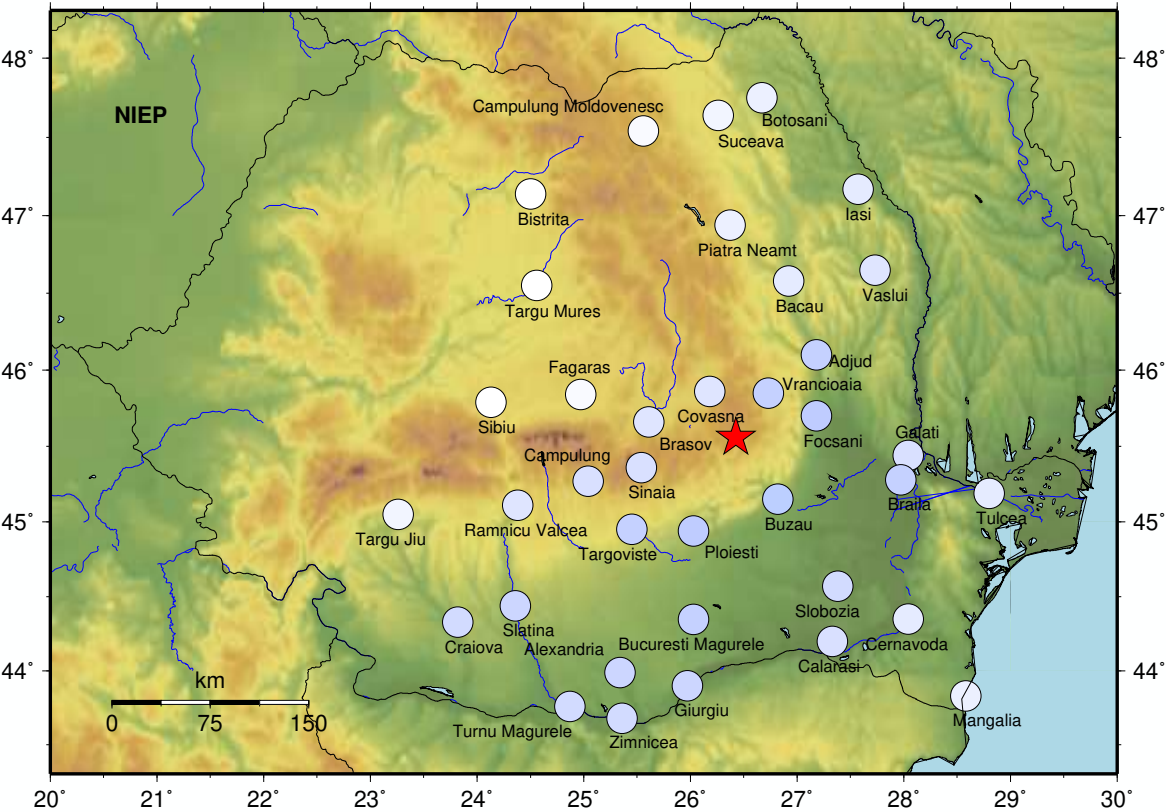
Attenuation laws – GMPE::VS10 IPE::VS04_msk
Max. grid values – pga: 0.10(cm/sec**) pgv: 0.00(cm/sec) mi: 2.1
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Local time
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Covasna	38
Vranceaia	40
Buzau	54
Focsani	61
Brasov	64
Sinaia	72
Ploiesti	75
Adjud	84
Targoviste	102
Campulung	113
Fagaras	117
Bacau	119
Braila	124
Galati	126
Slobozia	133
Bucuresti Magurele	138
Piatra Neamt	153
Vaslui	157
Calarasi	166
Ramnicu Valcea	167
Sibiu	180
Targu Mures	181
Cernavoda	185
Giurgiu	187
Tulcea	190
Alexandria	194
Iasi	199
Slatina	204
Zimnicea	225
Bistrita	229
Campulung M.	230
Suceava	231
Turnu Magurele	234
Botosani	244
Craiova	246
Targu Jiu	254
Mangalia	257

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: ADCR_HNN 0.39

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Max. pgv (cm/sec)

Maximum observed velocity: RMRR_HHE 0.81

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