



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Sun Dec 21,2025 08:27:33

Romania - Event 21062733 - Vrancea seismic zone

Sun Dec 21, 2025 06:27:33 GMT ML 3.1 N45.64 E26.47 Depth: 137.3km ID:21062733

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

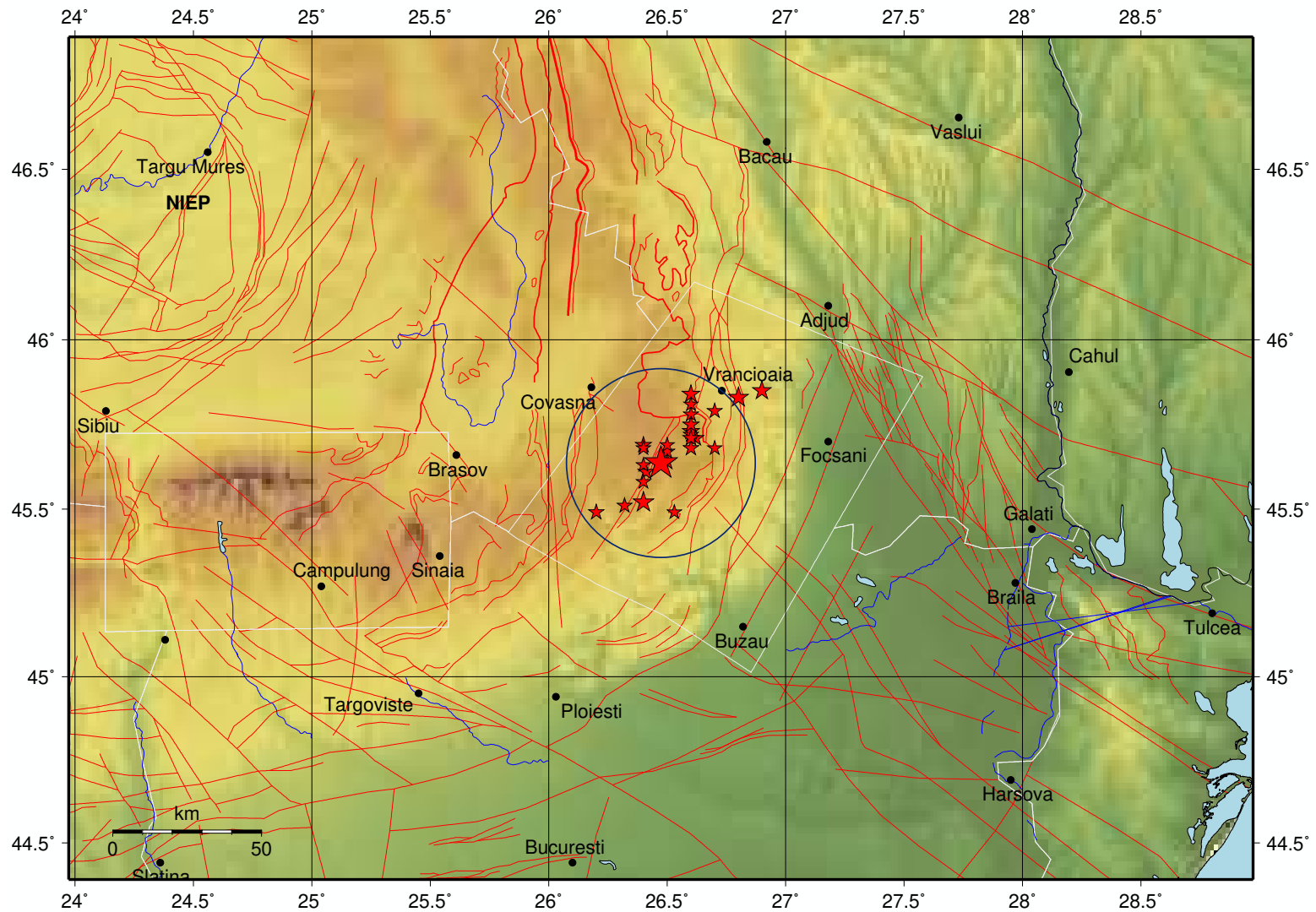
Date	Time	Lon	Lat	Depth	Mw
16-Sep-2024	14:40:22	26.32	45.51	128.4	5.1
03-Nov-2022	04:50:25	26.53	45.49	149.0	4.9
28-Oct-2018	00:38:11	26.41	45.61	147.8	5.5
27-Dec-2016	23:20:55	26.60	45.71	96.9	5.6
23-Sep-2016	23:11:20	26.62	45.71	92.0	5.5
06-Oct-2013	01:37:21	26.50	45.67	135.1	5.2
01-May-2011	02:24:15	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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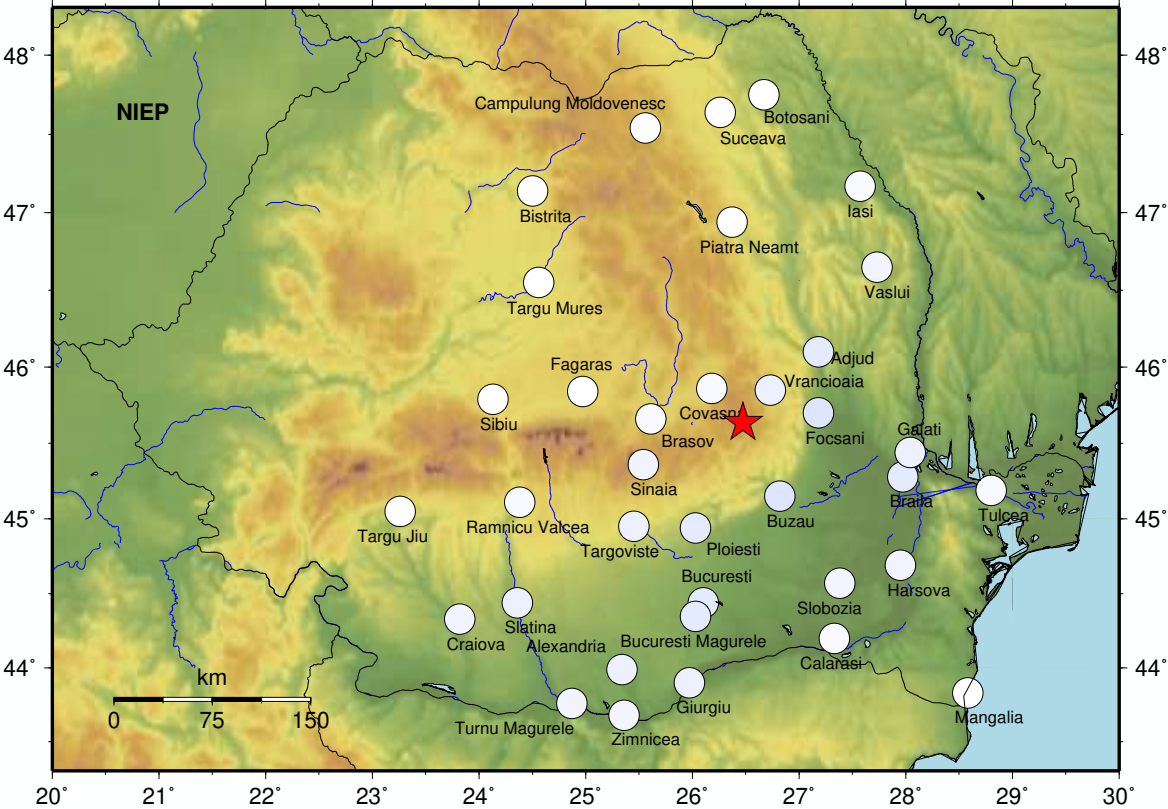
Attenuation laws – GMPE::VS10 IPE::VS04_msk
Max. grid values – pga: 0.00(cm/sec**) pgv: 0.00(cm/sec) mi: 1.6
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Local time
Sun Dec 21,2025 08:27:33
Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancea	31
Covasna	33
Focsani	55
Buzau	60
Brasov	67
Adjud	75
Sinaia	79
Ploiesti	84
Targoviste	110
Fagaras	119
Braila	123
Galati	124
Bucuresti	136
Slobozia	138
Piatra Neamt	145
Bucuresti Magurele	147
Vaslui	148
Harsova	156
Calarasi	173
Ramnicu Valcea	174
Targu Mures	179
Sibiu	183
Tulcea	188
Iasi	190
Giurgiu	197
Alexandria	203
Slatina	213
Campulung M.	222
Suceava	223
Bistrita	225
Zimnicea	234
Botosani	235
Turnu Magurele	244
Craiova	254
Targu Jiu	260
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+

Max. pga (cm/sec**2)

Maximum observed acceleration: IBZR_HNN -0.29

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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: VOIR_HHN 0.01

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