



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Sat Mar 21,2026 02:46:31

Romania - Event 21004631 - Vrancea seismic zone

Sat Mar 21, 2026 00:46:31 GMT ML 3.3 N45.61 E26.52 Depth: 145.5km ID:21004631

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 21004631 – Vrancea seismic zone

Attenuation laws – GMPE::VS10 IPE::VS04_msk

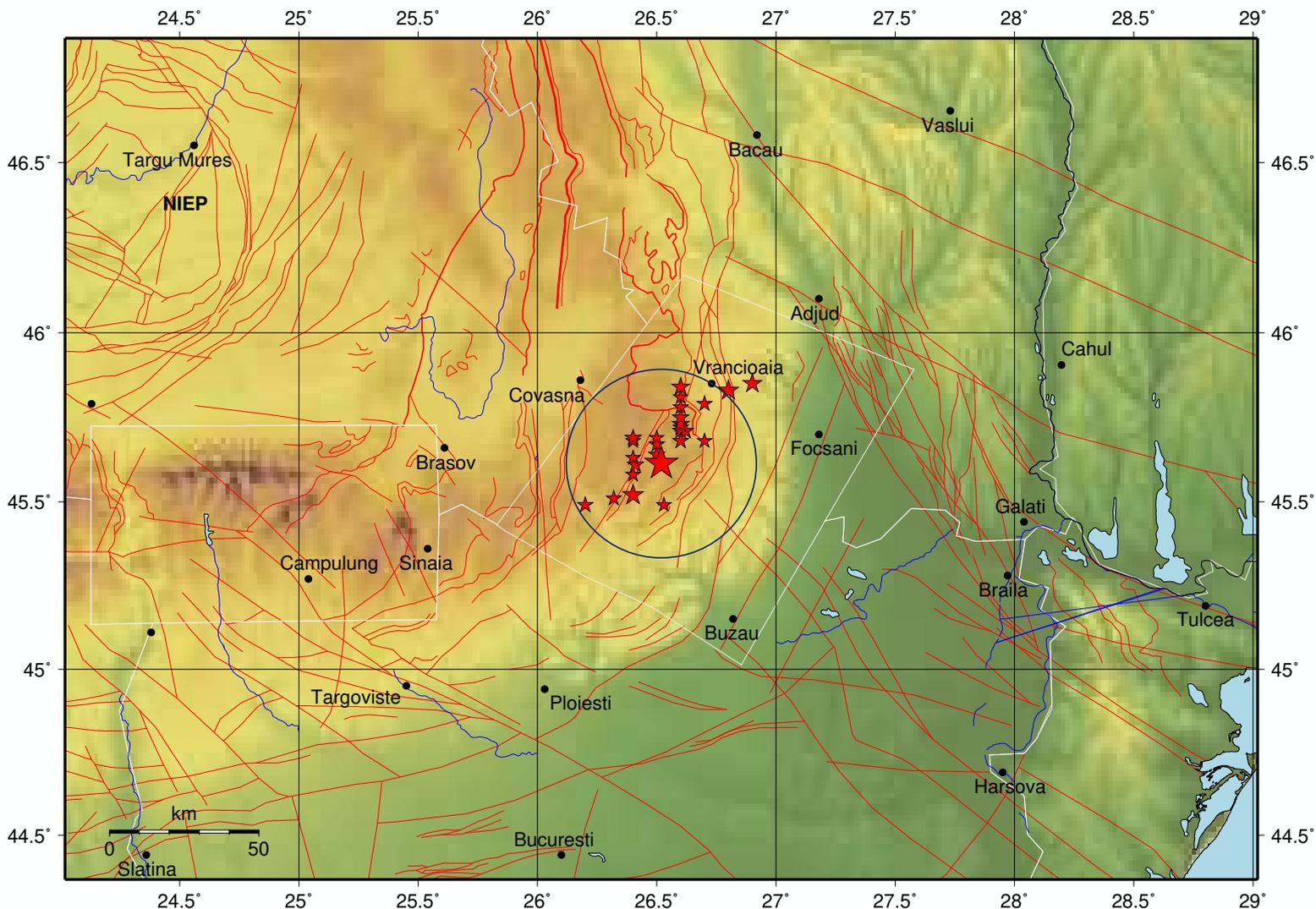
Max. grid values – pga: 0.00(cm/sec**) pgv: 0.00(cm/sec) mi: 1.8

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Local time

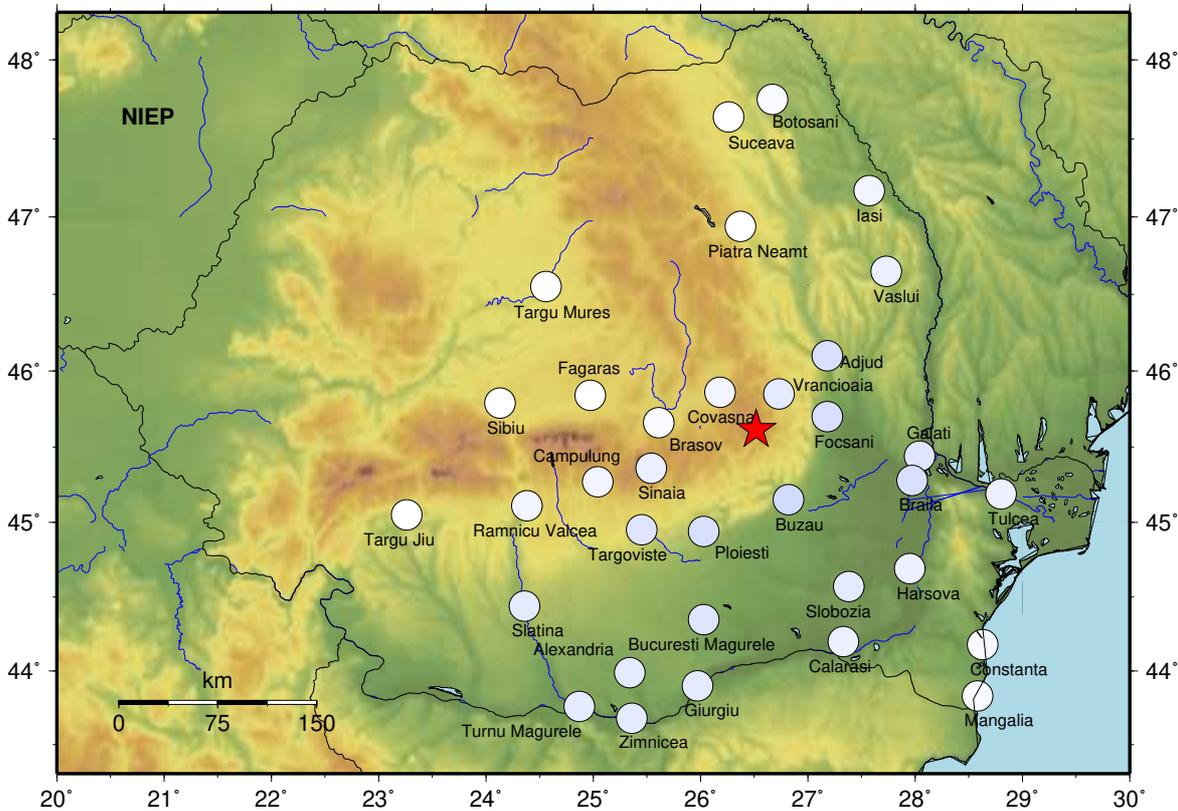
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Fault lines ———



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancea	30
Covasna	38
Focsani	52
Buzau	56
Brasov	71
Adjud	74
Sinaia	81
Ploiesti	84
Targoviste	111
Braila	119
Galati	120
Campulung	121
Fagaras	123
Slobozia	134
Bucuresti Magurele	145
Piatra Neamt	147
Vaslui	148
Harsova	152
Calarasi	169
Ramnicu Valcea	176
Targu Mures	183
Tulcea	184
Sibiu	187
Iasi	190
Giurgiu	195
Alexandria	203
Slatina	214
Suceava	226
Constanta	230
Zimnicea	233
Botosani	237
Turnu Magurele	243
Mangalia	256
Targu Jiu	263

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 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: CICN_HHE 0.01

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