



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Thu Feb 26,2026 19:21:52

Romania - Event 26172152 - Vrancea seismic zone

Thu Feb 26, 2026 17:21:52 GMT ML 4.5 N45.78 E26.74 Depth: 107.9km ID:26172152

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

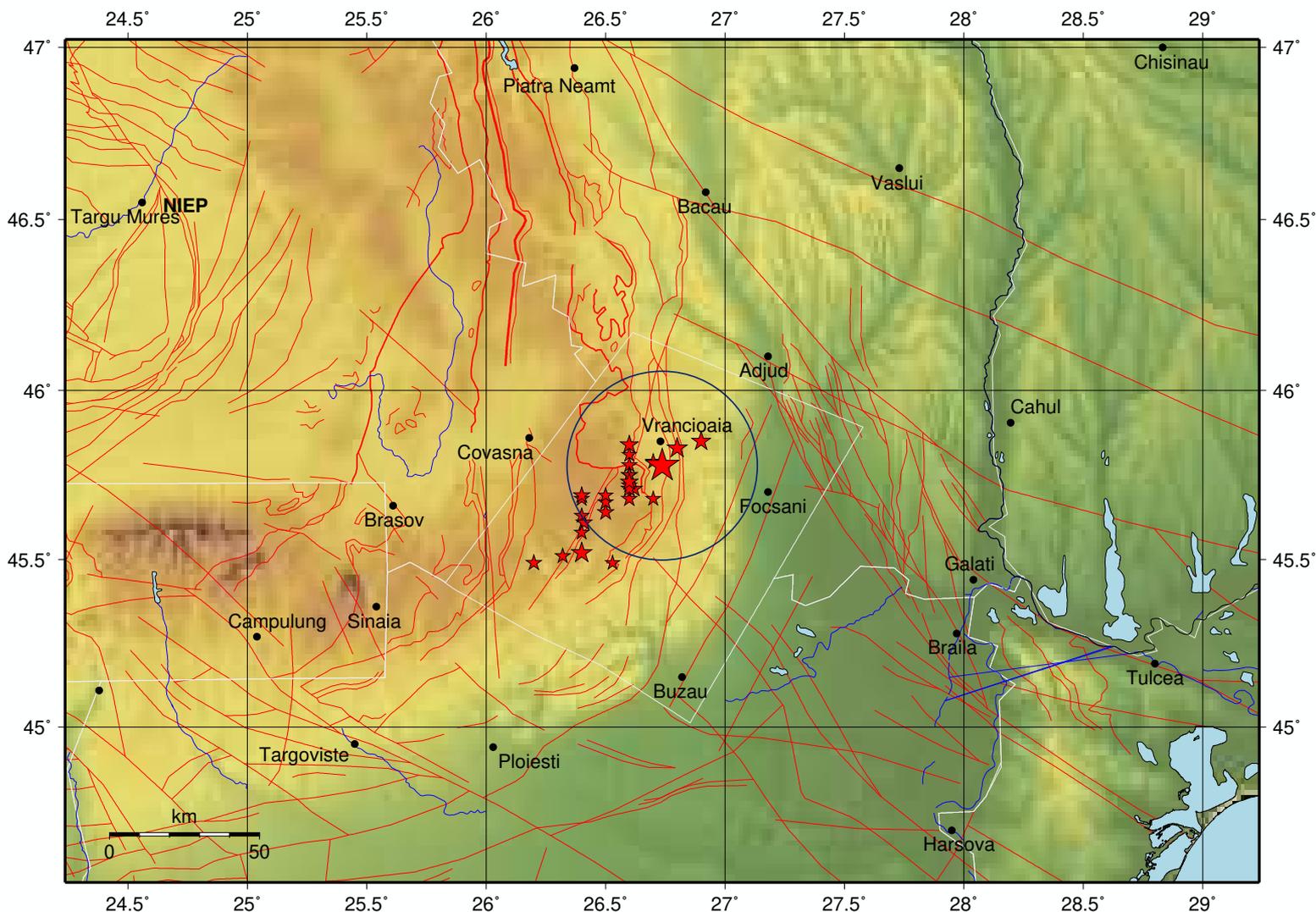
Max. grid values – pga: 2.26(cm/sec**) pgv: 0.11(cm/sec) mi: 3.2

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Local time

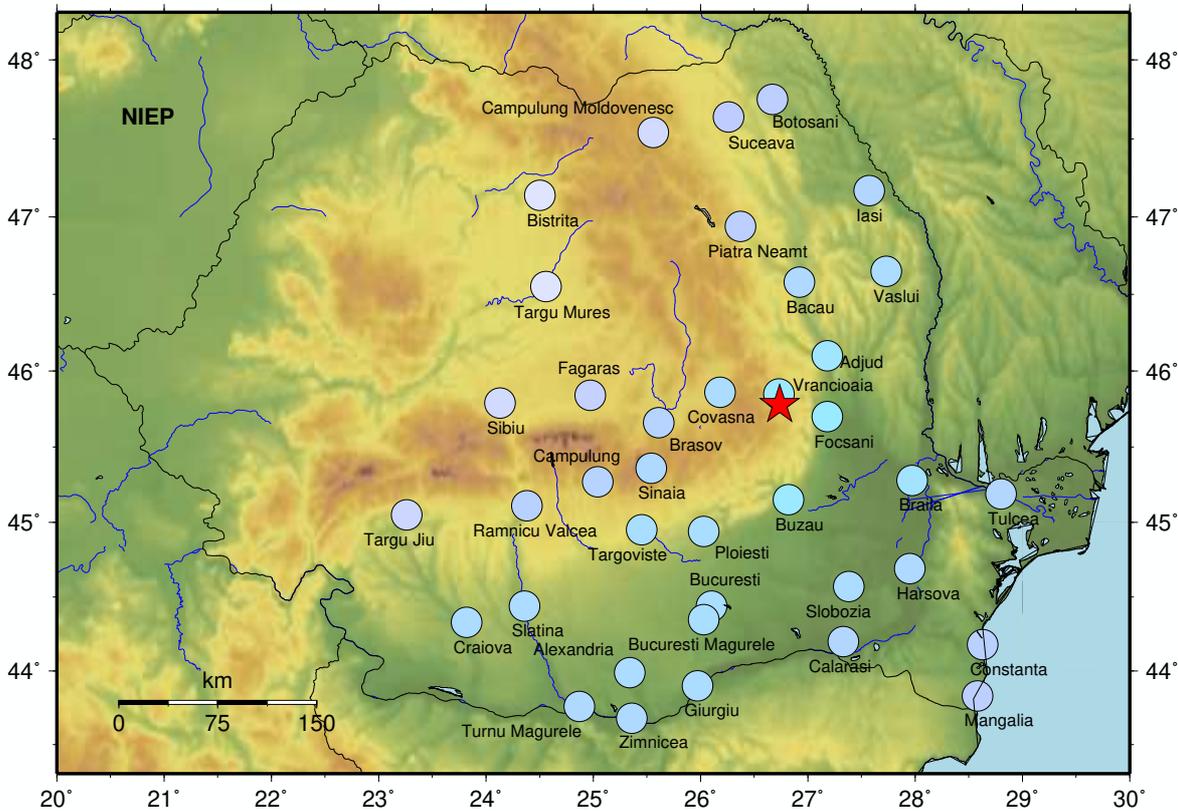
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancea	8
Focsani	35
Covasna	44
Adjud	49
Buzau	70
Brasov	88
Bacau	90
Sinaia	104
Ploiesti	108
Braila	111
Vaslui	123
Piatra Neamt	132
Targoviste	136
Fagaras	137
Slobozia	143
Campulung	144
Harsova	153
Bucuresti	156
Iasi	167
Bucuresti Magurele	168
Tulcea	174
Calarasi	181
Targu Mures	188
Ramnicu Valcea	198
Sibiu	202
Suceava	210
Campulung M.	215
Giurgiu	217
Botosani	219
Alexandria	227
Bistrita	229
Constanta	232
Slatina	238
Zimnicea	257
Mangalia	261
Turnu Magurele	268
Craiova	280
Targu Jiu	283

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: TATR_HNE 6.03

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