



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Wed Oct 22,2025 20:31:04

Romania - Event 22173104 - Vrancea seismic zone

Wed Oct 22, 2025 17:31:04 GMT ML 3.0 N45.69 E26.52 Depth: 85.7km ID:22173104

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

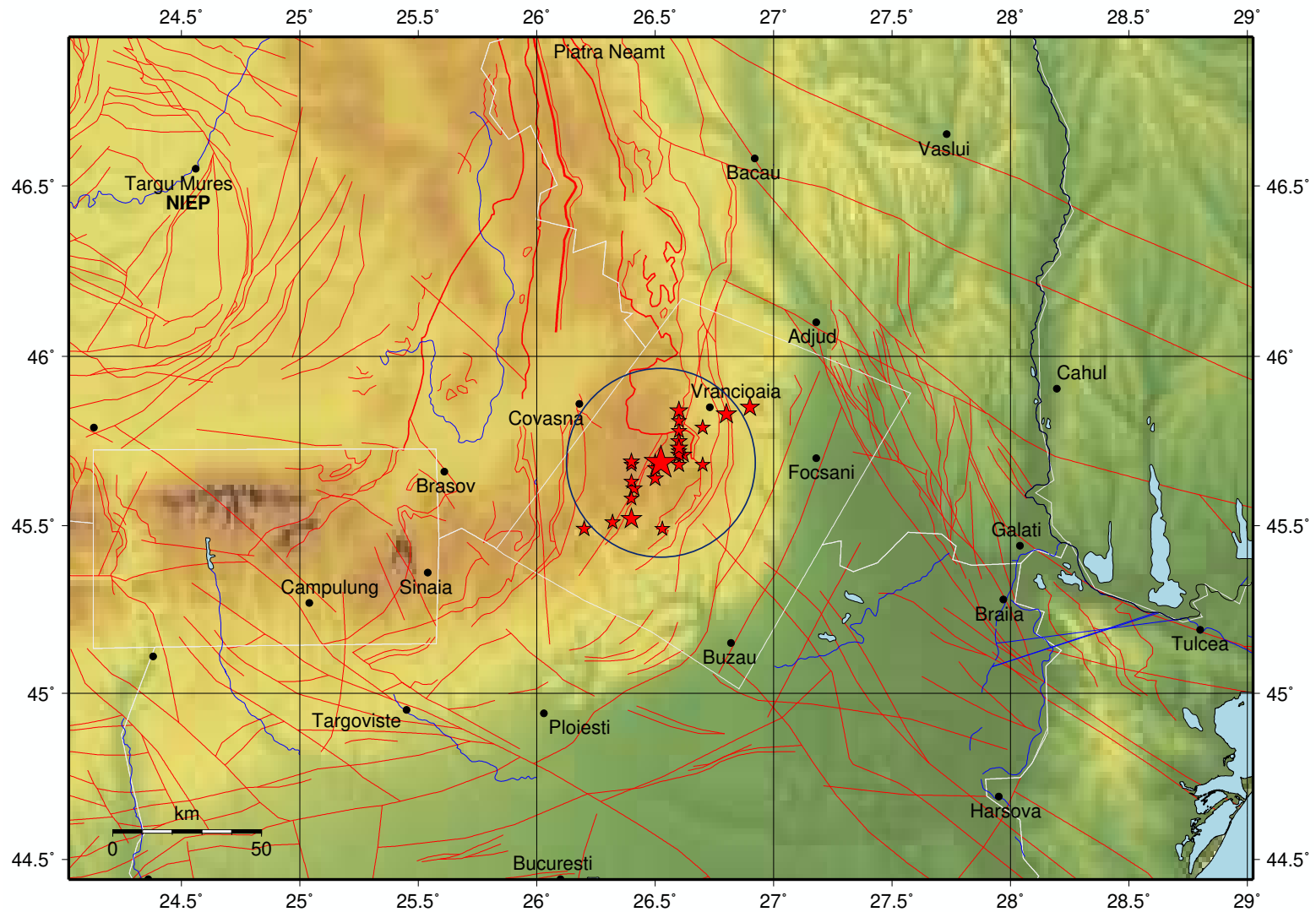
Date	Time	Lon	Lat	Depth	Mw
16-Sep-2024	14:40:22	26.32	45.51	128.4	5.1
03-Nov-2022	04:50:25	26.53	45.49	149.0	4.9
28-Oct-2018	00:38:11	26.41	45.61	147.8	5.5
27-Dec-2016	23:20:55	26.60	45.71	96.9	5.6
23-Sep-2016	23:11:20	26.62	45.71	92.0	5.5
06-Oct-2013	01:37:21	26.50	45.67	135.1	5.2
01-May-2011	02:24:15	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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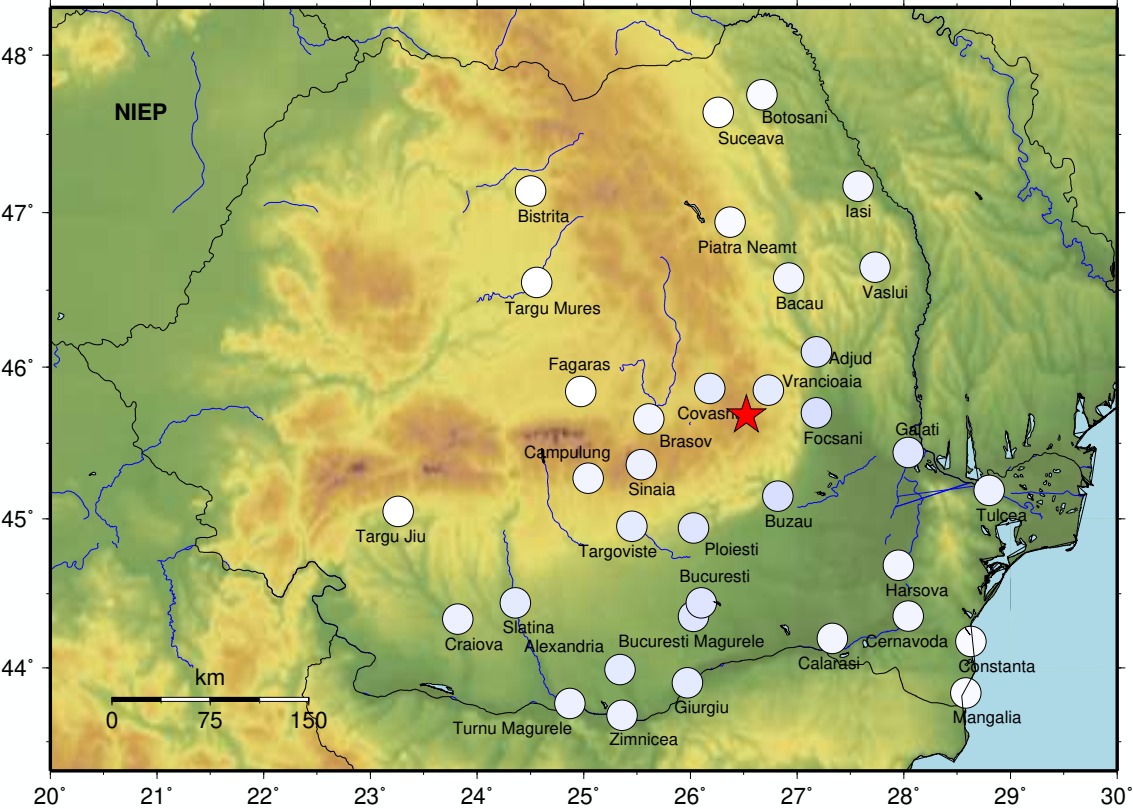
Attenuation laws – GMPE::VS10 IPE::VS04_msk
Max. grid values – pga: 0.00(cm/sec**) pgv: 0.00(cm/sec) mi: 1.7
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Local time
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancea	24
Covasna	33
Focsani	51
Buzau	63
Adjud	68
Brasov	71
Sinaia	84
Ploiesti	91
Bacau	103
Targoviste	117
Galati	121
Fagaras	122
Campulung	124
Piatra Neamt	139
Vaslui	141
Bucuresti	142
Bucuresti Magurele	153
Harsova	157
Calarasi	176
Targu Mures	179
Iasi	183
Tulcea	186
Cernavoda	190
Giurgiu	203
Alexandria	210
Suceava	218
Slatina	219
Bistrita	224
Botosani	229
Constanta	235
Zimnicea	241
Turnu Magurele	250
Craiova	261
Mangalia	262
Targu Jiu	265

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_HNE -0.18

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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: BISRR_HHE 0.00

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