



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Sat Oct 25,2025 04:19:18

Romania - Event 25011918 - Vrancea seismic zone

Sat Oct 25, 2025 01:19:18 GMT ML 4.2 N45.65 E26.63 Depth: 129.6km ID:25011918

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

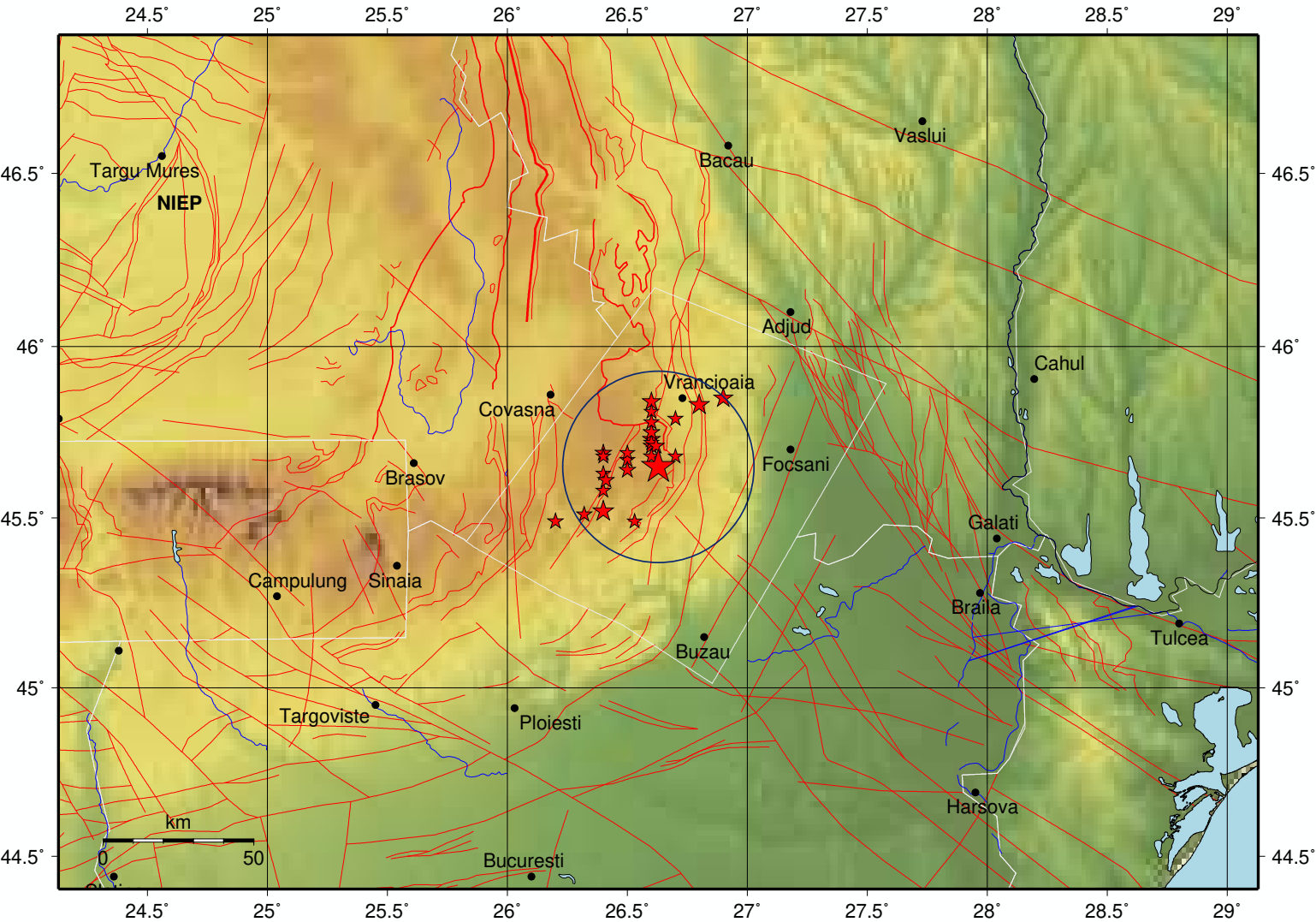
Date	Time	Lon	Lat	Depth	Mw
16-Sep-2024	14:40:22	26.32	45.51	128.4	5.1
03-Nov-2022	04:50:25	26.53	45.49	149.0	4.9
28-Oct-2018	00:38:11	26.41	45.61	147.8	5.5
27-Dec-2016	23:20:55	26.60	45.71	96.9	5.6
23-Sep-2016	23:11:20	26.62	45.71	92.0	5.5
06-Oct-2013	01:37:21	26.50	45.67	135.1	5.2
01-May-2011	02:24:15	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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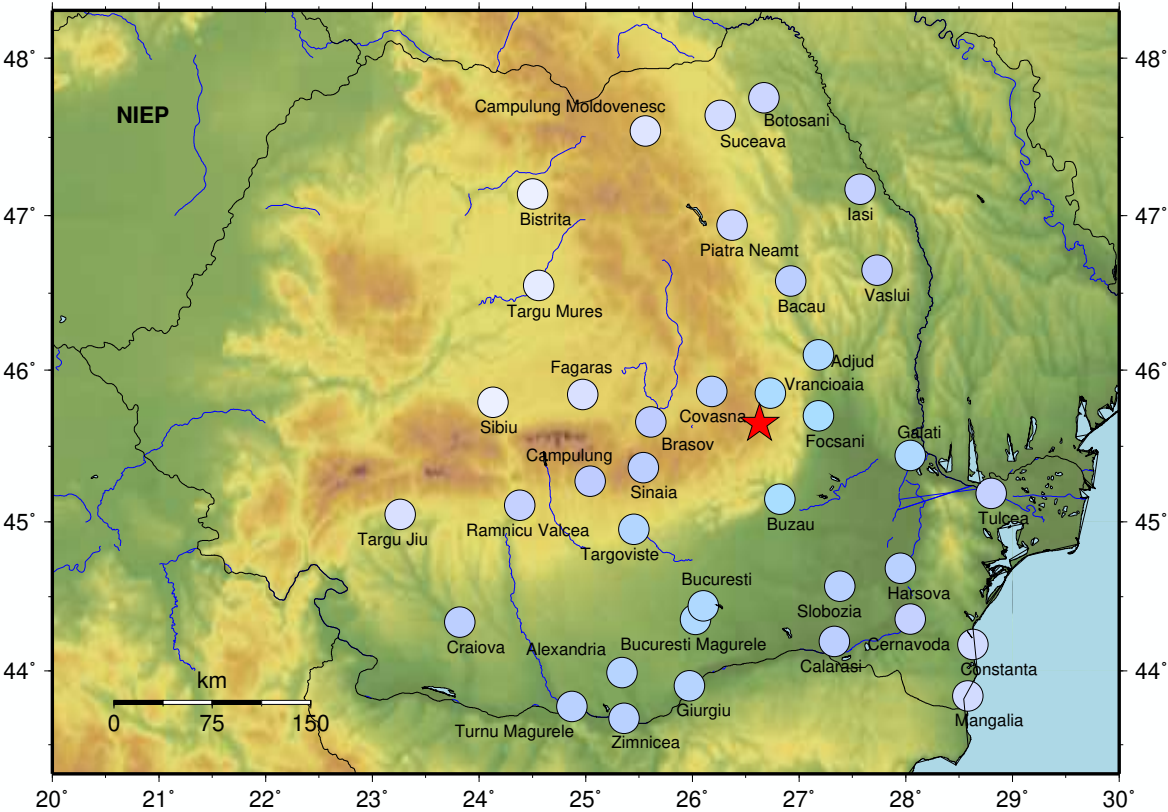
Attenuation laws – GMPE::VS10 IPE::VS04_msk
Max. grid values – pga: 1.96(cm/sec**) pgv: 0.03(cm/sec) mi: 2.8
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Local time
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancioaia	23
Covasna	42
Focsani	43
Buzau	57
Adjud	65
Brasov	79
Sinaia	91
Bacau	105
Galati	112
Targoviste	120
Fagaras	130
Campulung	131
Slobozia	133
Vaslui	139
Bucuresti	140
Piatra Neamt	144
Harsova	148
Bucuresti Magurele	152
Calarasi	170
Tulcea	177
Cernavoda	182
Iasi	183
Ramnicu Valcea	186
Targu Mures	188
Sibiu	195
Giurgiu	201
Alexandria	210
Suceava	223
Campulung M.	225
Constanta	227
Bistrita	232
Botosani	233
Zimnicea	240
Turnu Magurele	252
Mangalia	254
Craiova	265
Targu Jiu	272

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: ODBI_HNN 2.54

The map displays the spatial distribution of the 2005–2006 winter precipitation deficit across the Iberian Peninsula. The color scale ranges from 0.0 (lightest) to 3.0 (darkest) cm/s^2 . The deficit is highest in the central and eastern parts of the peninsula, particularly around Madrid (marked with a red star) and in the northeast. The map includes latitude and longitude coordinates, a scale bar (0 to 150 km), and a color legend. Numerous meteorological stations are indicated by colored circles and labeled with codes.

Max. pgv (cm/sec)

Maximum observed velocity: COPA HHN 0.16

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