



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Sat Oct 25, 2025 05:11:07

Romania - Event 25021107 - Vrancea seismic zone

Sat Oct 25, 2025 02:11:07 GMT ML 4.2 N45.67 E26.70 Depth: 127.9km ID:25021107

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

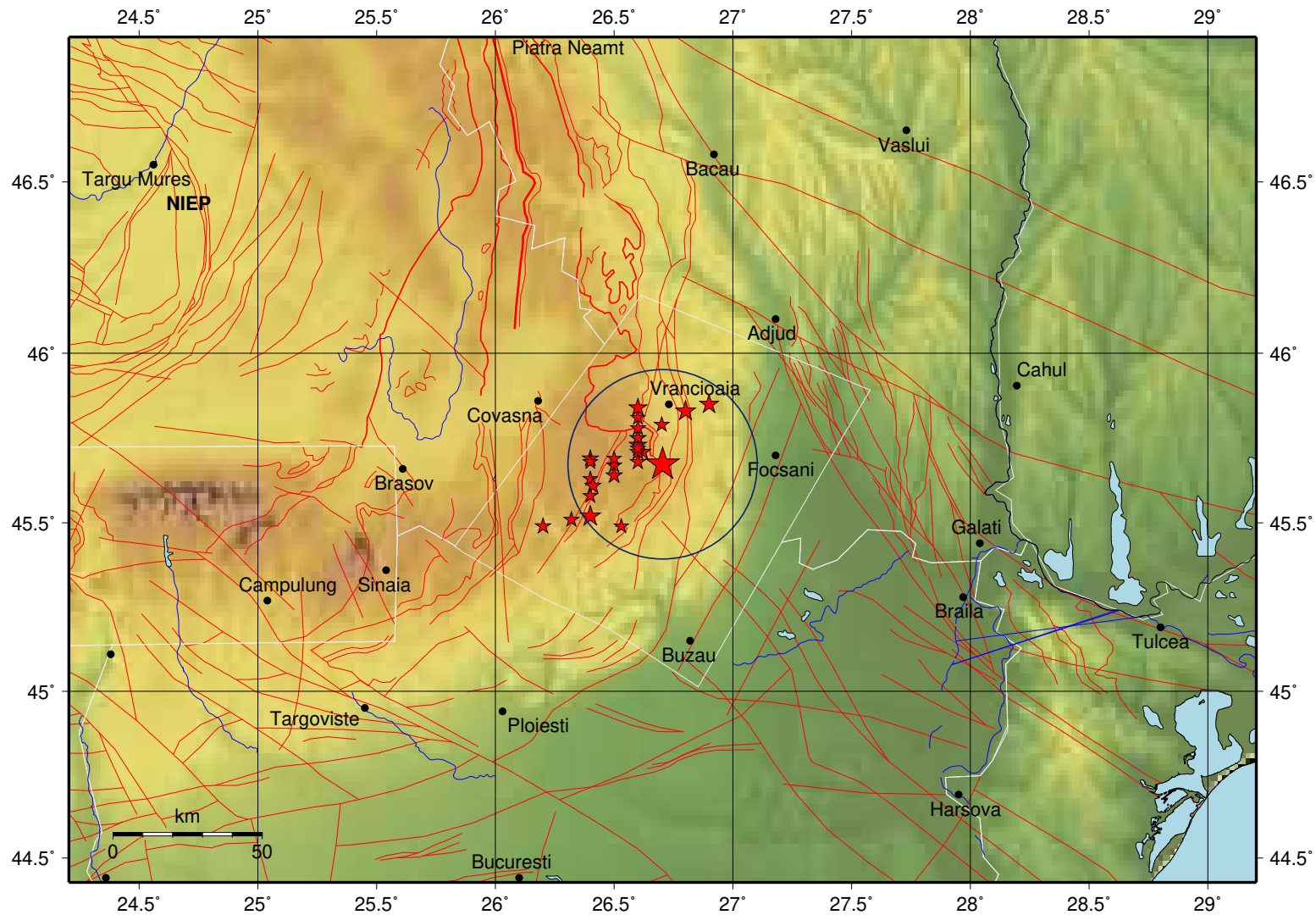
Date	Time	Lon	Lat	Depth	Mw
16-Sep-2024	14:40:22	26.32	45.51	128.4	5.1
03-Nov-2022	04:50:25	26.53	45.49	149.0	4.9
28-Oct-2018	00:38:11	26.41	45.61	147.8	5.5
27-Dec-2016	23:20:55	26.60	45.71	96.9	5.6
23-Sep-2016	23:11:20	26.62	45.71	92.0	5.5
06-Oct-2013	01:37:21	26.50	45.67	135.1	5.2
01-May-2011	02:24:15	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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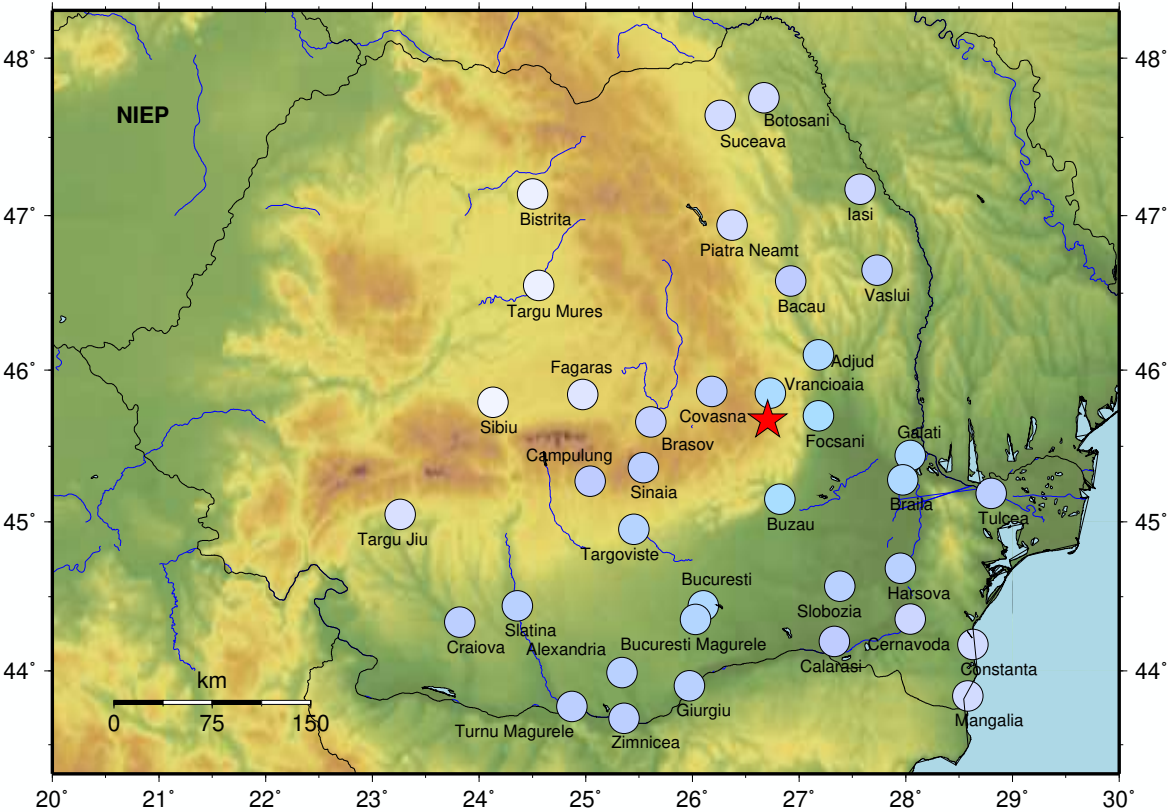
Attenuation laws – GMPE::VS10 IPE::VS04_msk
Max. grid values – pga: 0.69(cm/sec**) pgv: 0.03(cm/sec) mi: 2.8
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Local time
Sat Oct 25, 2025 05:11:07
Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancioaia	19
Focsani	37
Covasna	45
Buzau	58
Adjud	60
Brasov	85
Sinaia	97
Bacau	102
Galati	107
Braila	108
Targoviste	126
Slobozia	133
Vaslui	134
Fagaras	136
Campulung	137
Piatra Neamt	143
Bucuresti	145
Harsova	146
Bucuresti Magurele	156
Calarasi	170
Tulcea	172
Iasi	179
Cernavoda	180
Targu Mures	192
Sibiu	200
Giurgiu	205
Alexandria	215
Suceava	221
Constanta	225
Slatina	229
Botosani	230
Bistrita	235
Zimnicea	245
Mangalia	253
Turnu Magurele	257
Craiova	272
Targu Jiu	278

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+

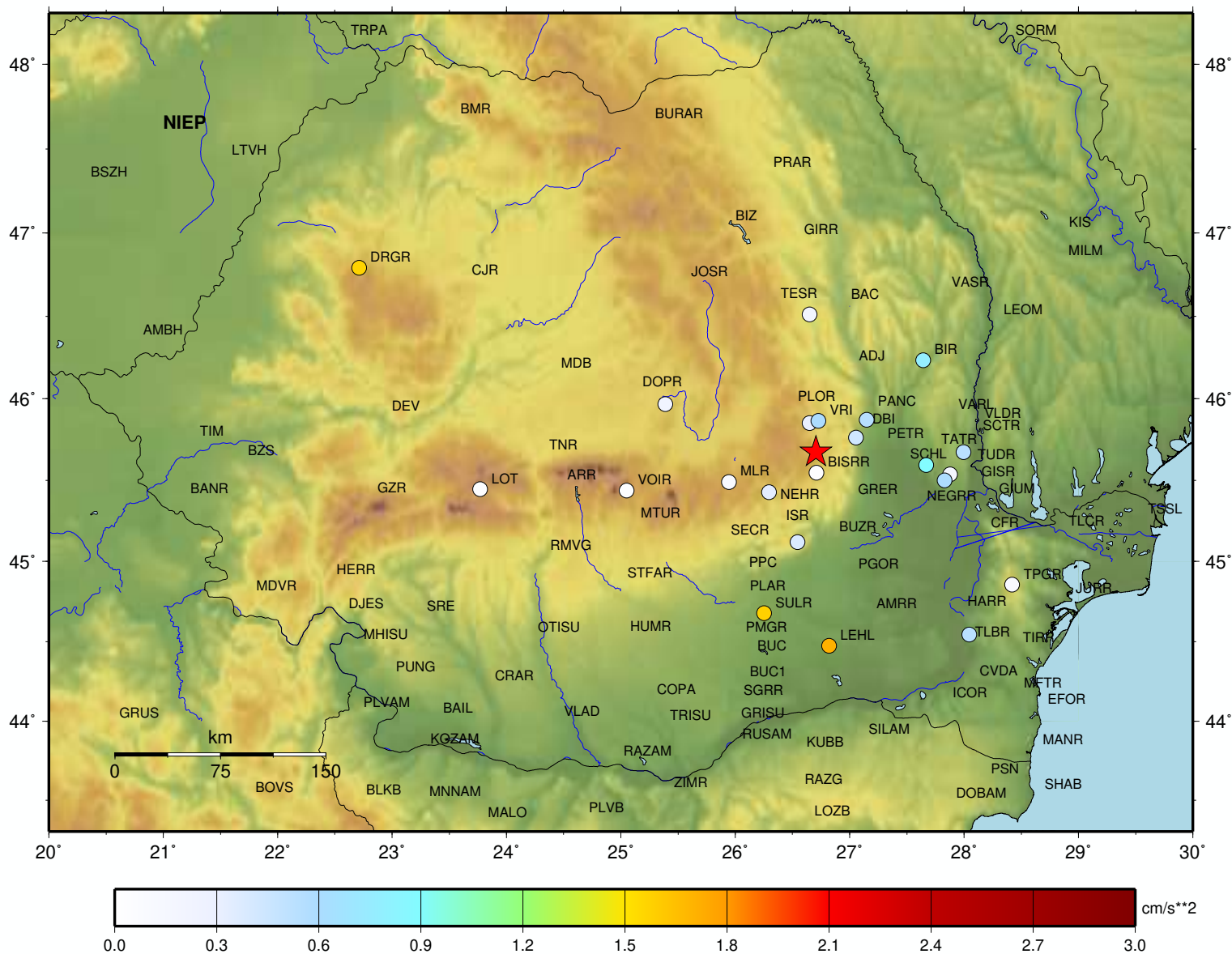
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National- Retea Seismica Nationala (IOSIN-RSN)"

Max. pga (cm/sec**2)

Observed stations accelerations – Antelope platform (cm/sec**2)

Maximum observed acceleration: LEHL_HNE 1.71

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Max. pgv (cm/sec)

Maximum observed velocity: COPA_HHN 0.29

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