



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Wed Oct 15, 2025 08:31:01

Romania - Event 15053101 - Vrancea seismic zone

Wed Oct 15, 2025 05:31:01 GMT ML 3.3 N45.56 E26.55 Depth: 122.5km ID:15053101

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

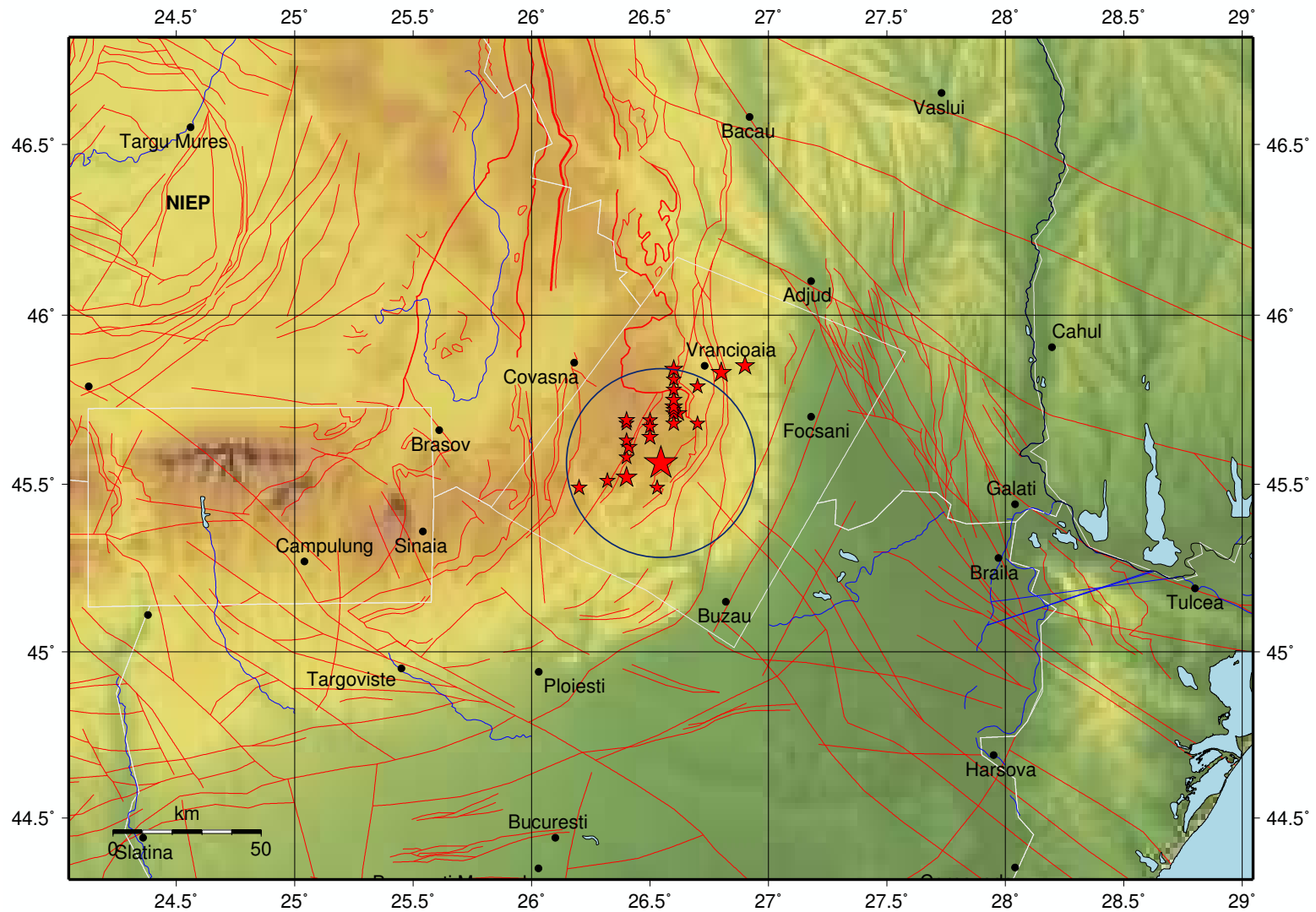
Date	Time	Lon	Lat	Depth	Mw
16-Sep-2024	14:40:22	26.32	45.51	128.4	5.1
03-Nov-2022	04:50:25	26.53	45.49	149.0	4.9
28-Oct-2018	00:38:11	26.41	45.61	147.8	5.5
27-Dec-2016	23:20:55	26.60	45.71	96.9	5.6
23-Sep-2016	23:11:20	26.62	45.71	92.0	5.5
06-Oct-2013	01:37:21	26.50	45.67	135.1	5.2
01-May-2011	02:24:15	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 15053101 – Vrancea seismic zone

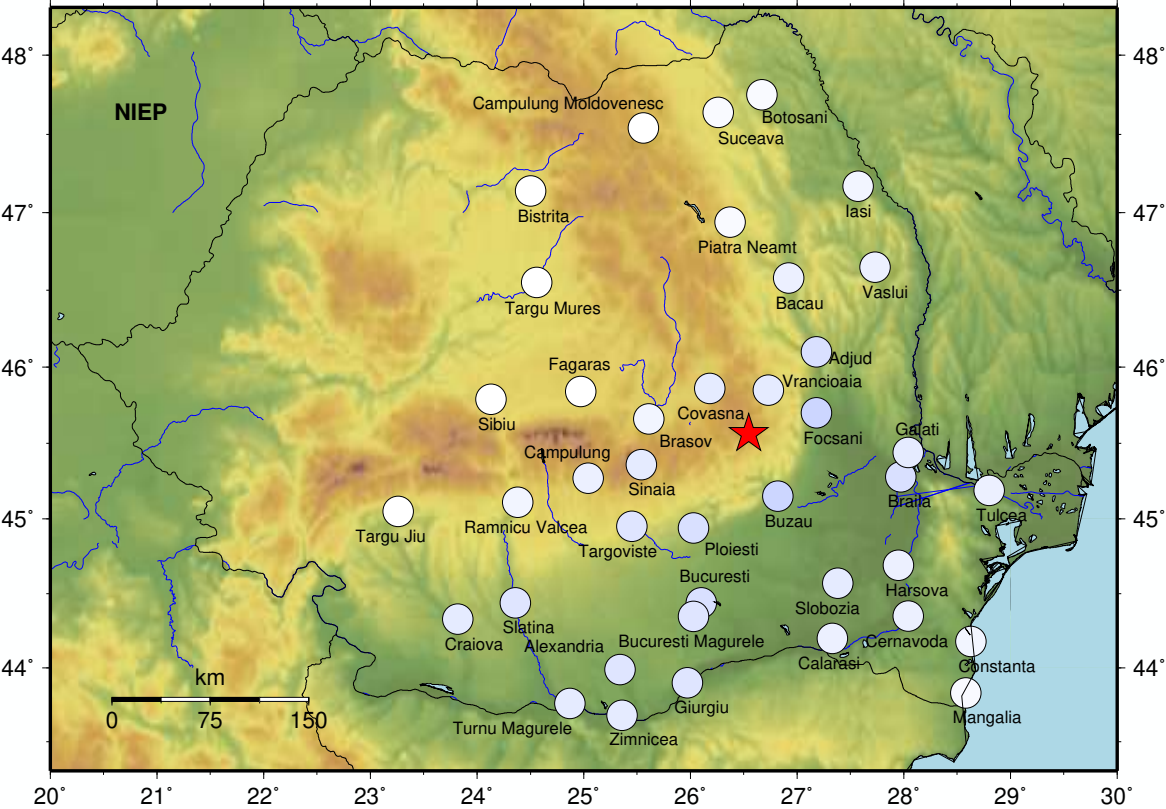
Attenuation laws – GMPE::VS10 IPE::VS04_msk
Max. grid values – pga: 0.10(cm/sec**) pgv: 0.00(cm/sec) mi: 1.8
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Local time
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancioaia	35
Covasna	43
Buzau	50
Focsani	51
Brasov	73
Adjud	77
Ploiesti	80
Sinaia	81
Targoviste	109
Braila	115
Bacau	116
Galati	117
Campulung	122
Fagaras	126
Slobozia	128
Bucuresti	129
Bucuresti Magurele	141
Harsova	147
Vaslui	151
Piatra Neamt	153
Calarasi	163
Ramnicu Valcea	177
Cernavoda	179
Tulcea	181
Targu Mures	188
Sibiu	189
Giurgiu	190
Iasi	195
Alexandria	199
Slatina	212
Constanta	225
Zimnicea	229
Suceava	231
Campulung M.	232
Bistrita	235
Turnu Magurele	240
Botosani	243
Mangalia	251
Craiova	255
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+

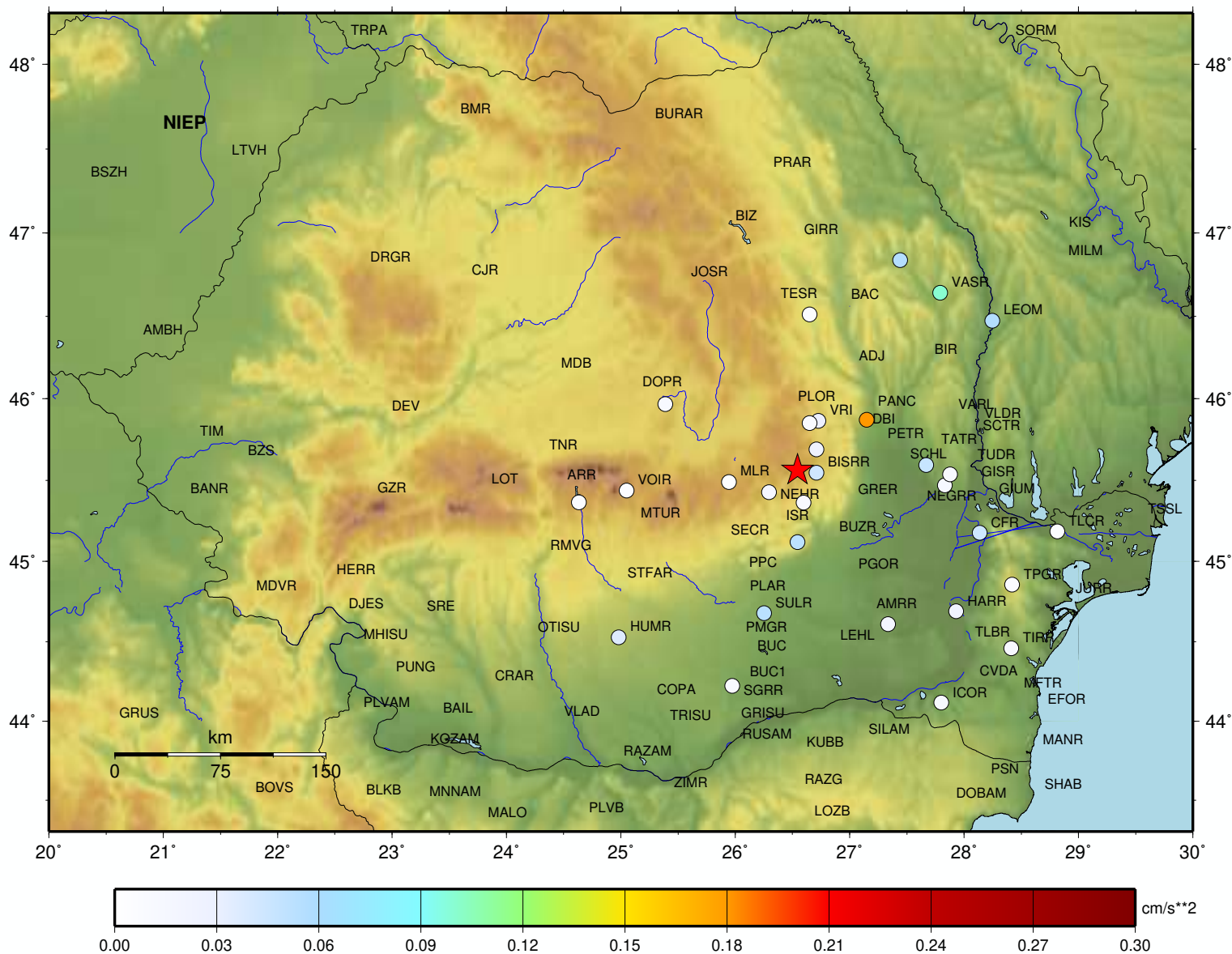
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National- Retea Seismica Nationala (IOSIN-RSN)"

Max. pga (cm/sec**2)

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

Maximum observed acceleration: PANC_HNN 0.18

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Max. pgv (cm/sec)

Maximum observed velocity: BISRR_HHN 0.00

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