



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Fri Sep 19, 2025 16:24:31

Romania - Event 19132431 - Vrancea seismic zone

Fri Sep 19, 2025 13:24:31 GMT ML 3.6 N45.75 E26.66 Depth: 94.4km ID:19132431

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

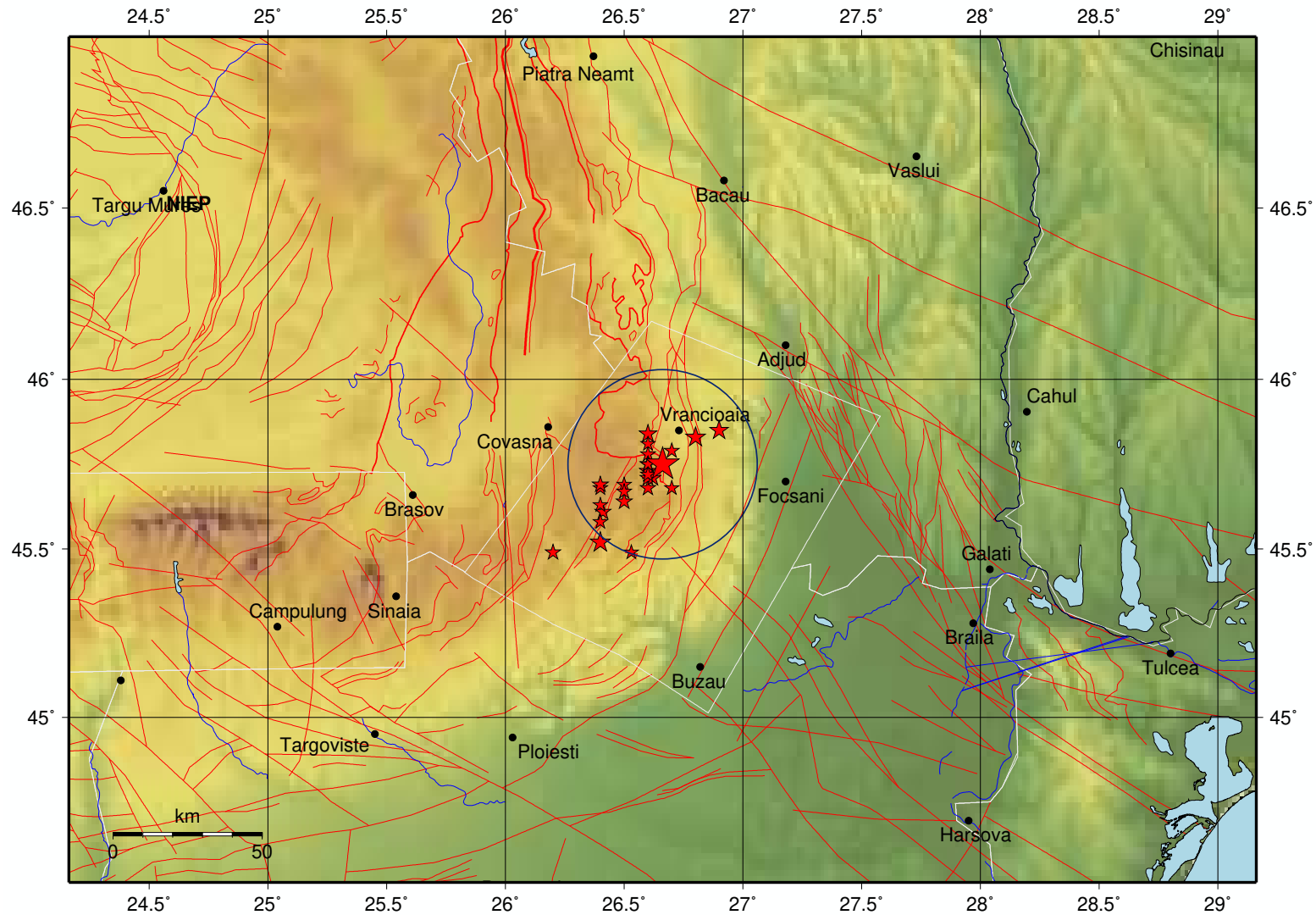
Date	Time	Lon	Lat	Depth	Mw
03-Nov-2022	04:50:25	26.53	45.49	149.0	4.9
28-Oct-2018	00:38:11	26.41	45.61	147.8	5.5
27-Dec-2016	23:20:55	26.60	45.71	96.9	5.6
23-Sep-2016	23:11:20	26.62	45.71	92.0	5.5
06-Oct-2013	01:37:21	26.50	45.67	135.1	5.2
01-May-2011	02:24:15	26.40	45.58	146.1	4.9
25-Apr-2009	17:18:48	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
14-May-2005	01:53:21	26.50	45.64	148.5	5.5

Source: ROMPLUS Catalogue

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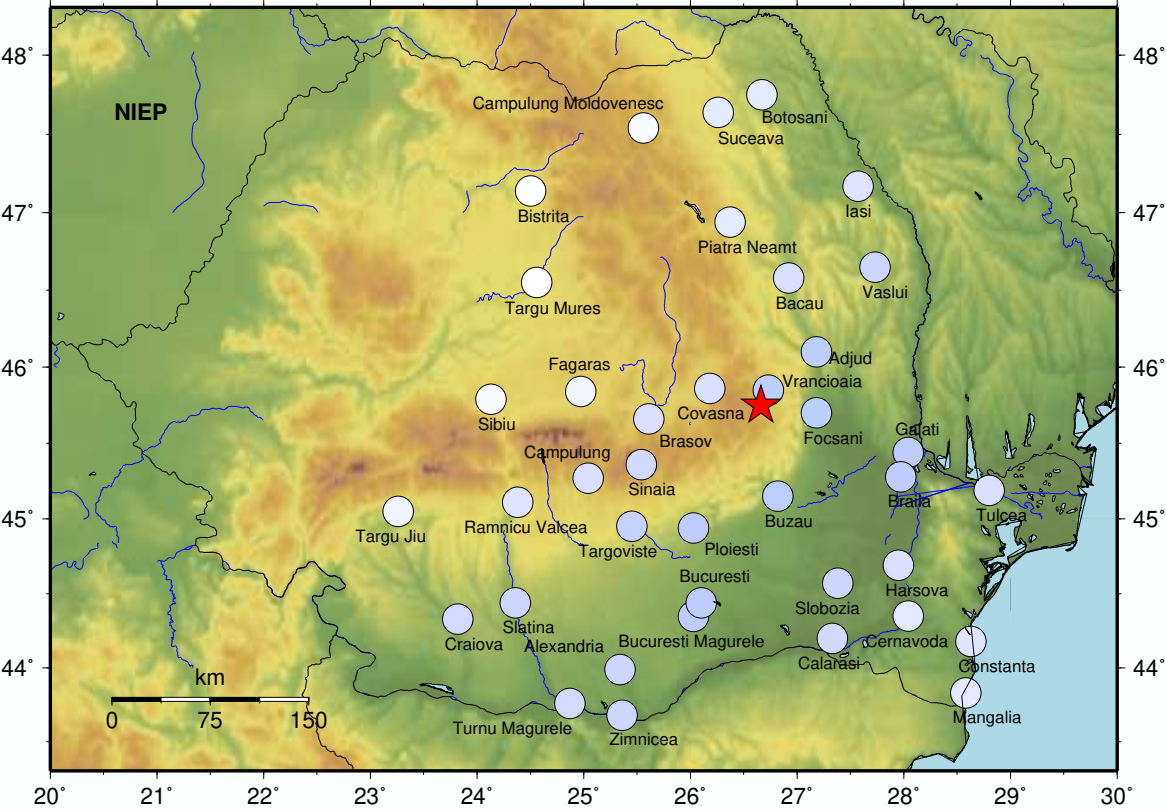
Attenuation laws – GMPE::VS10 IPE::VS04_msk
Max. grid values – pga: 0.20(cm/sec**) pgv: 0.01(cm/sec) mi: 2.2
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Local time
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancea	12
Covasna	39
Focsani	40
Adjud	55
Buzau	67
Brasov	82
Bacau	94
Sinaia	97
Ploiesti	102
Galati	112
Braila	114
Vaslui	129
Targoviste	130
Fagaras	131
Piatra Neamt	134
Campulung	137
Slobozia	142
Bucuresti	152
Harsova	155
Bucuresti Magurele	163
Iasi	172
Tulcea	178
Calarasi	180
Targu Mures	185
Cernavoda	189
Ramnicu Valcea	192
Sibiu	196
Suceava	212
Campulung M.	216
Alexandria	221
Botosani	222
Bistrita	226
Slatina	232
Constanta	233
Zimnicea	252
Mangalia	261
Turnu Magurele	262
Craiova	273
Targu Jiu	277

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: LEOM_HNN -0.45

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Max. pgv (cm/sec)

Maximum observed velocity: IBZR_HHN 0.01

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