



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Thu Aug 21, 2025 11:02:54

Romania - Event 21080254 - Vrancea seismic zone

Thu Aug 21, 2025 08:02:54 GMT ML 3.5 N45.58 E26.53 Depth: 123.1km ID:21080254

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

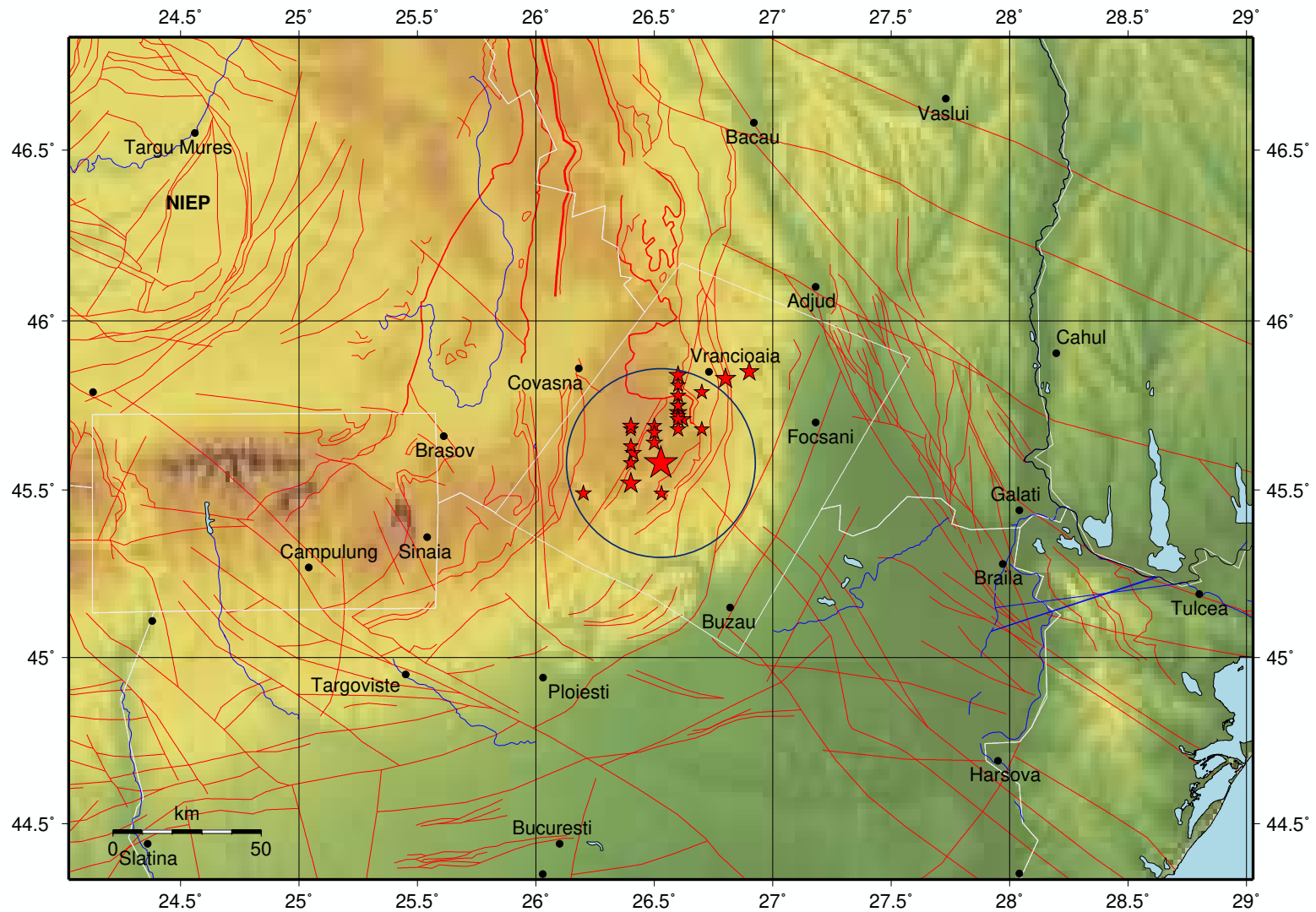
Date	Time	Lon	Lat	Depth	Mw
03-Nov-2022	04:50:25	26.53	45.49	149.0	4.9
28-Oct-2018	00:38:11	26.41	45.61	147.8	5.5
27-Dec-2016	23:20:55	26.60	45.71	96.9	5.6
23-Sep-2016	23:11:20	26.62	45.71	92.0	5.5
06-Oct-2013	01:37:21	26.50	45.67	135.1	5.2
01-May-2011	02:24:15	26.40	45.58	146.1	4.9
25-Apr-2009	17:18:48	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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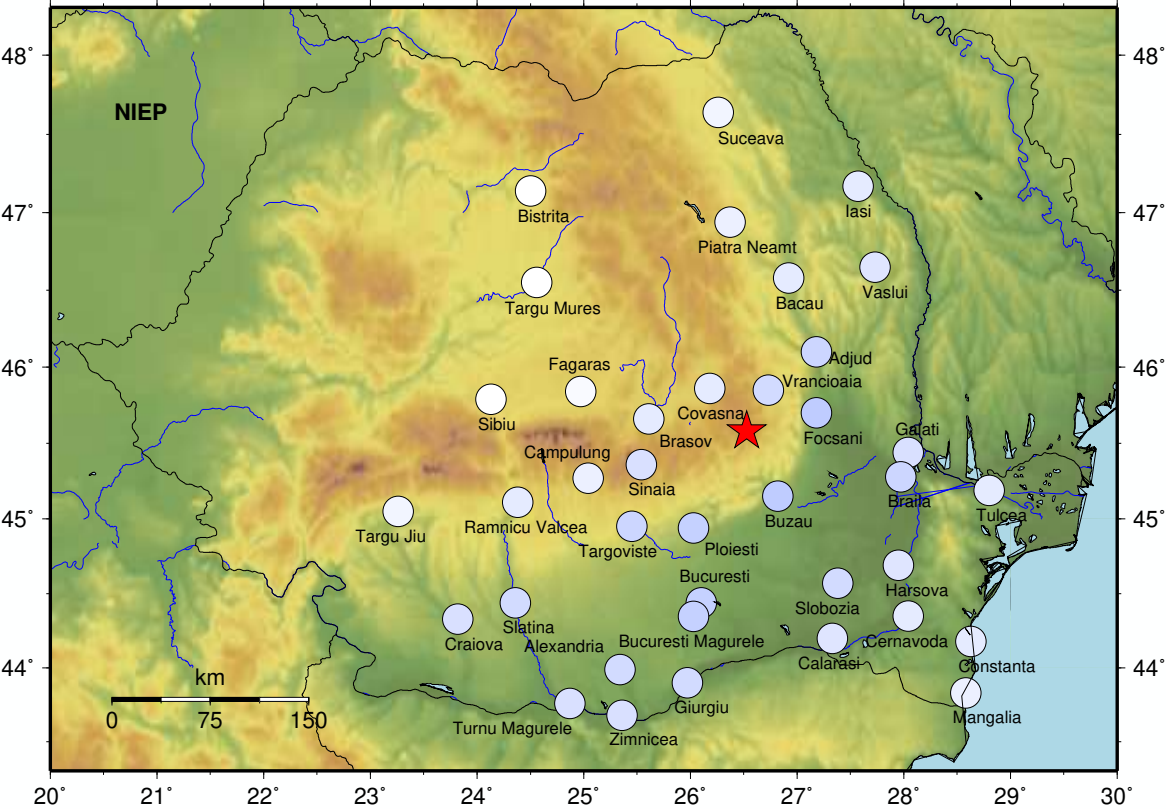
Attenuation laws – GMPE::VS10 IPE::VS04_msk
Max. grid values – pga: 0.10(cm/sec**) pgv: 0.00(cm/sec) mi: 2.1
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Local time
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancea	33
Covasna	41
Focsani	52
Buzau	53
Brasov	72
Adjud	76
Sinaia	80
Ploiesti	81
Targoviste	109
Bacau	115
Braila	117
Galati	119
Campulung	121
Fagaras	124
Slobozia	130
Bucuresti	131
Bucuresti Magurele	142
Harsova	149
Vaslui	150
Piatra Neamt	151
Calarasi	165
Ramnicu Valcea	176
Cernavoda	181
Tulcea	183
Targu Mures	186
Sibiu	188
Giurgiu	191
Iasi	194
Alexandria	200
Slatina	212
Constanta	227
Suceava	229
Zimnicea	230
Bistrita	233
Turnu Magurele	241
Mangalia	253
Craiova	254
Targu Jiu	262

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 -2.00

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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: IBZR_HHE 0.02

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