



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Mon Oct 13, 2025 08:36:23

Romania - Event 13053623 - Vrancea seismic zone

Mon Oct 13, 2025 05:36:23 GMT ML 3.4 N45.77 E26.80 Depth: 125.7km ID:13053623

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

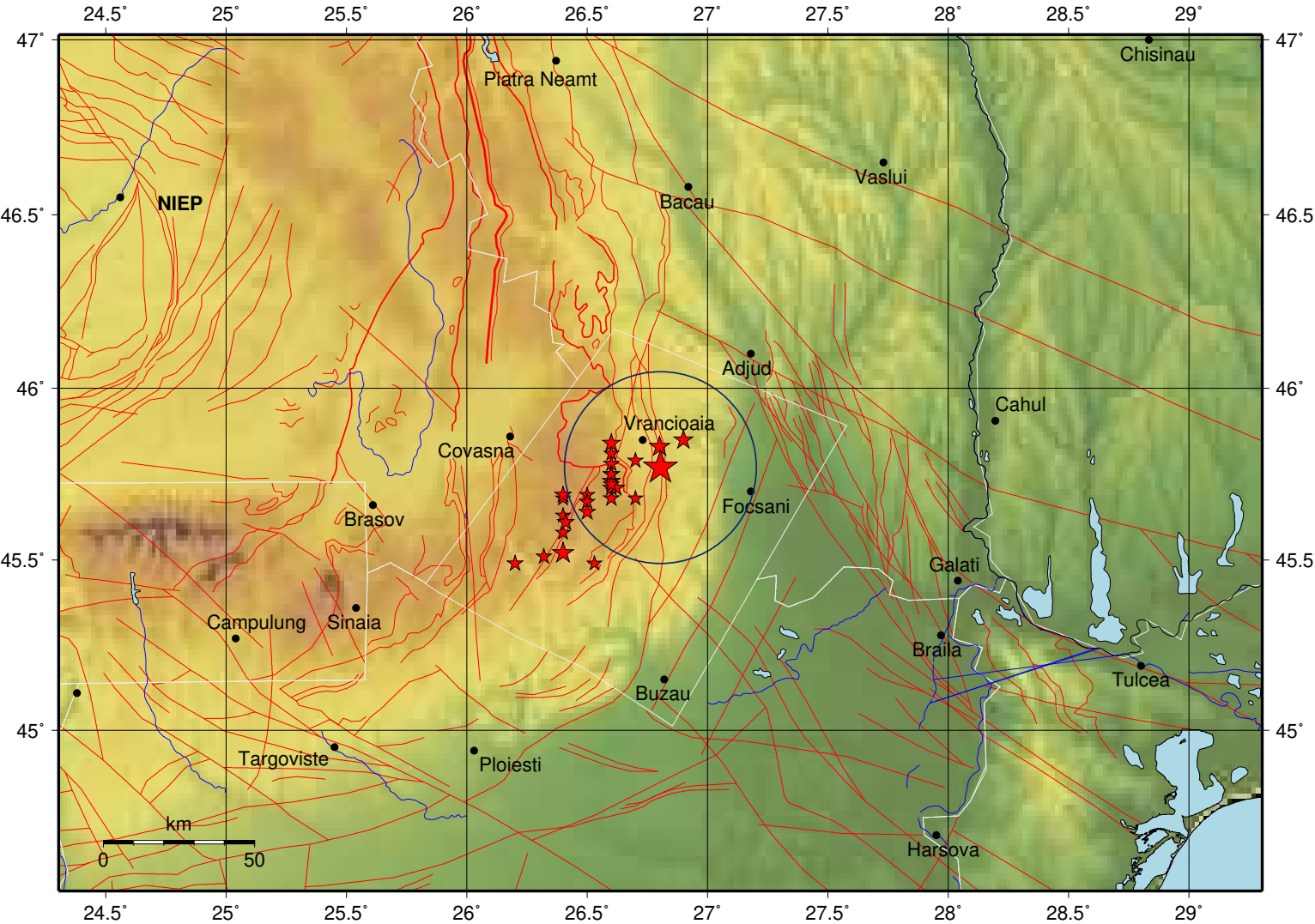
Date	Time	Lon	Lat	Depth	Mw
16-Sep-2024	14:40:22	26.32	45.51	128.4	5.1
03-Nov-2022	04:50:25	26.53	45.49	149.0	4.9
28-Oct-2018	00:38:11	26.41	45.61	147.8	5.5
27-Dec-2016	23:20:55	26.60	45.71	96.9	5.6
23-Sep-2016	23:11:20	26.62	45.71	92.0	5.5
06-Oct-2013	01:37:21	26.50	45.67	135.1	5.2
01-May-2011	02:24:15	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 13053623 – Vrancea seismic zone

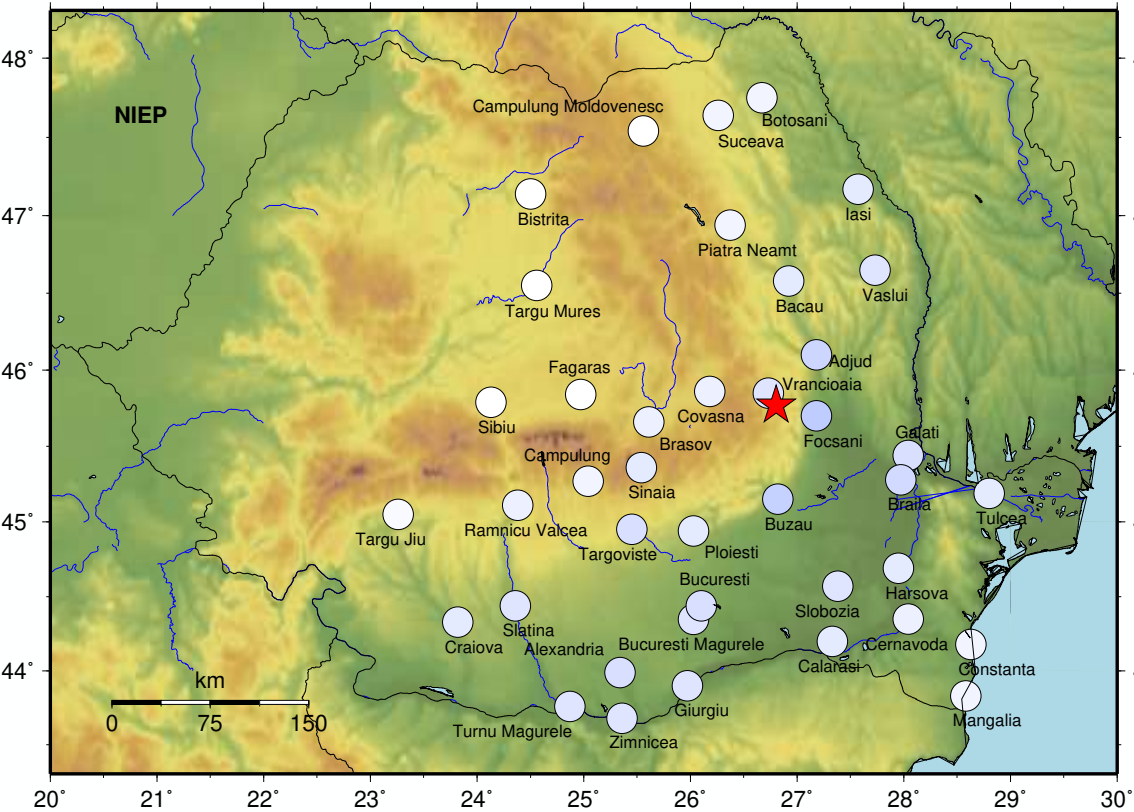
Attenuation laws – GMPE::VS10 IPE::VS04_msk
Max. grid values – pga: 0.10(cm/sec**) pgv: 0.00(cm/sec) mi: 2.0
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Local time
Mon Oct 13,2025 08:36:23
Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancea	10
Focsani	30
Adjud	46
Covasna	49
Buzau	68
Bacau	90
Brasov	93
Galati	103
Braila	106
Sinaia	108
Ploiesti	110
Vaslui	121
Piatra Neamt	134
Targoviste	139
Slobozia	140
Fagaras	142
Campulung	148
Harsova	149
Bucuresti	157
Iasi	166
Tulcea	168
Bucuresti Magurele	169
Calarasi	179
Cernavoda	185
Targu Mures	193
Ramnicu Valcea	203
Sibiu	207
Suceava	212
Giurgiu	217
Campulung M.	218
Botosani	220
Constanta	227
Alexandria	229
Bistrita	233
Slatina	242
Mangalia	257
Zimnicea	258
Turnu Magurele	270
Craiova	284
Targu Jiu	288

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+

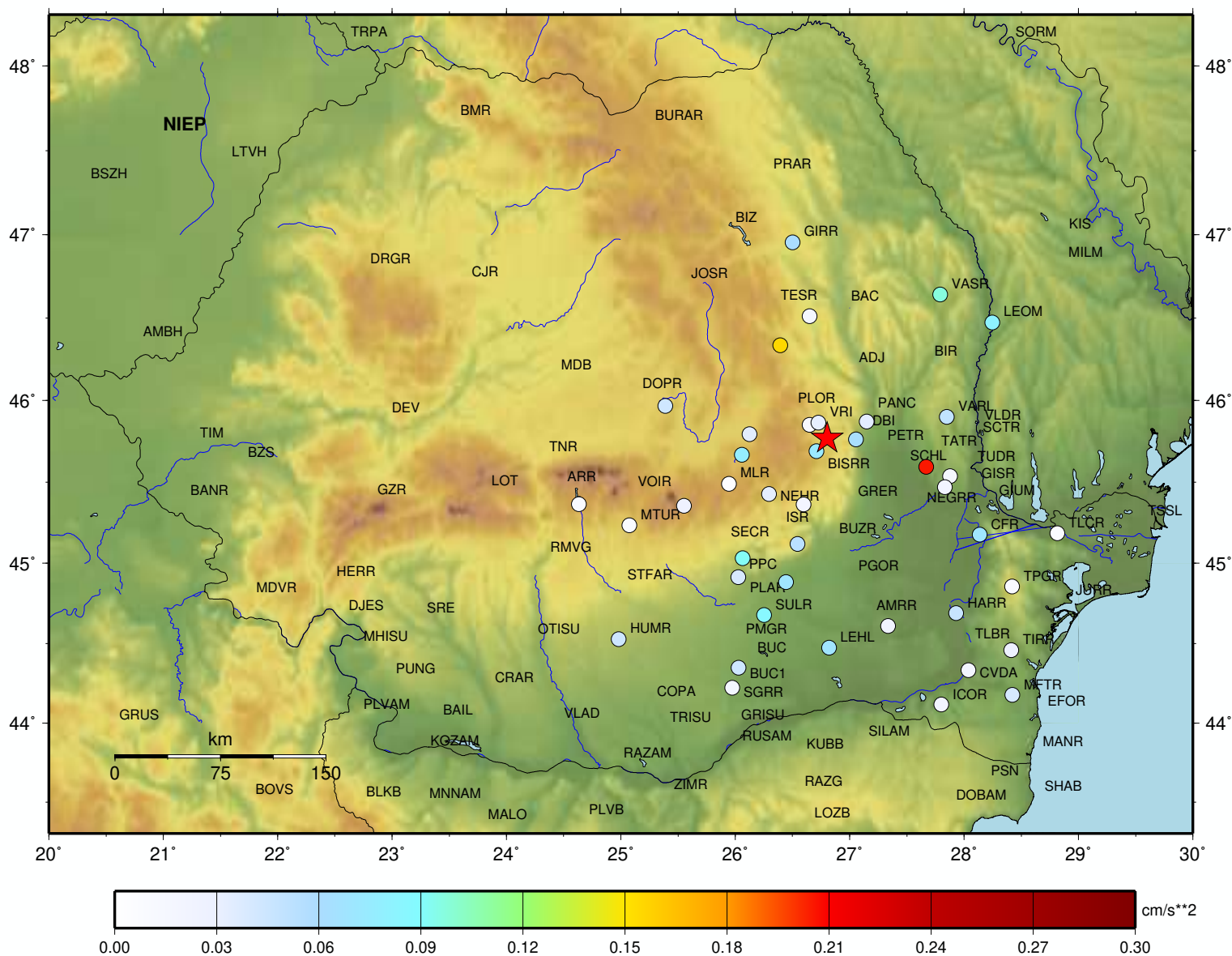
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National- Retea Seismica Nationala (IOSIN-RSN)"

Max. pga (cm/sec**2)

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

Maximum observed acceleration: TUDR_HNE -0.21

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Max. pgv (cm/sec)

Maximum observed velocity: SGRR EHN 0.00

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