



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Tue Sep 02,2025 11:50:41

Romania - Event 92085041 - Vrancea seismic zone

Tue Sep 2, 2025 08:50:41 GMT ML 3.3 N45.80 E26.83 Depth: 63.0km ID:92085041

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

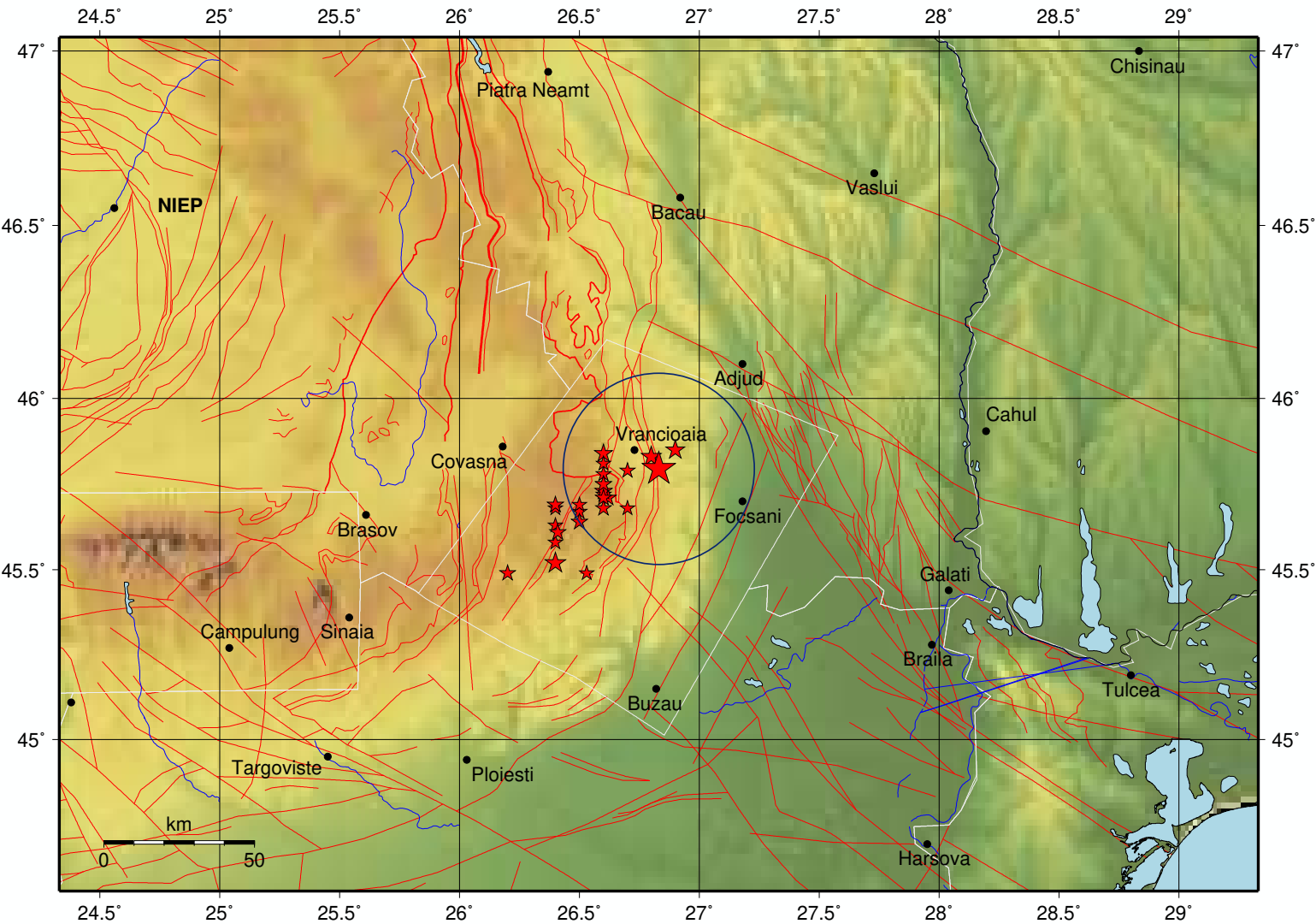
Date	Time	Lon	Lat	Depth	Mw
03-Nov-2022	04:50:25	26.53	45.49	149.0	4.9
28-Oct-2018	00:38:11	26.41	45.61	147.8	5.5
27-Dec-2016	23:20:55	26.60	45.71	96.9	5.6
23-Sep-2016	23:11:20	26.62	45.71	92.0	5.5
06-Oct-2013	01:37:21	26.50	45.67	135.1	5.2
01-May-2011	02:24:15	26.40	45.58	146.1	4.9
25-Apr-2009	17:18:48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

Romania – Event 92085041 – Vrancea seismic zone

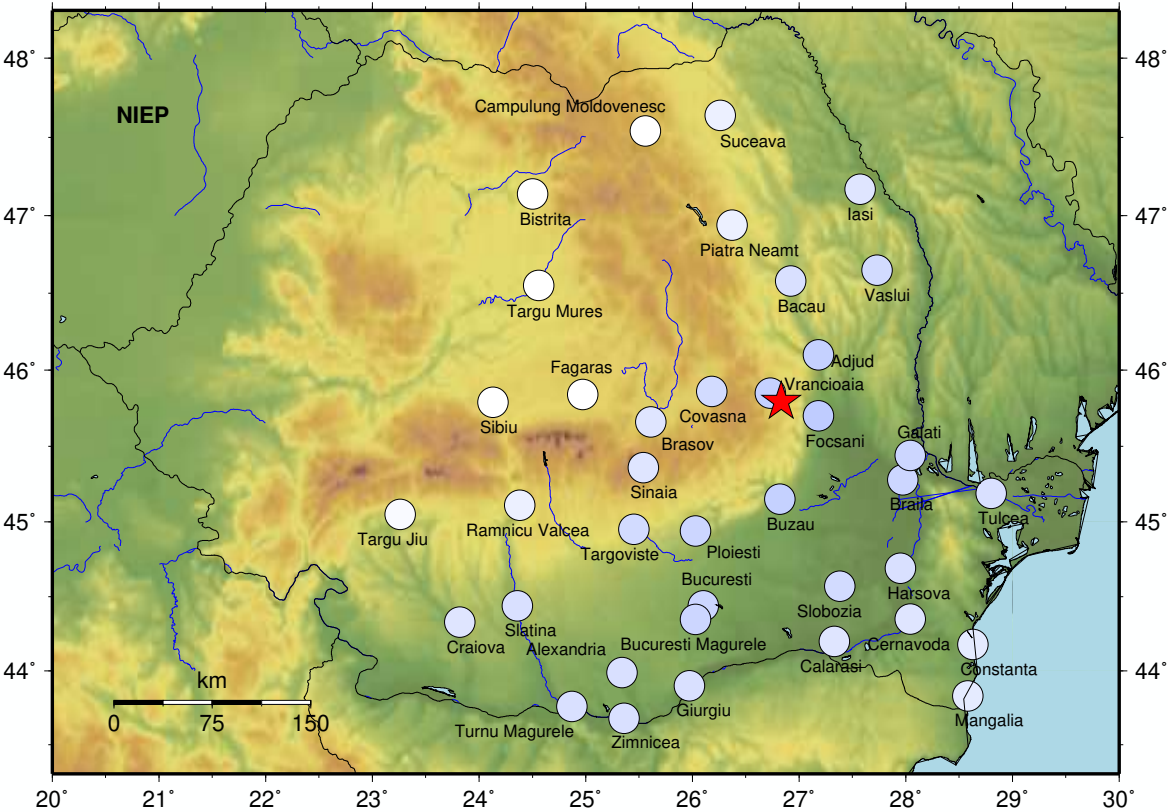
Attenuation laws – GMPE::VS10 IPE::VS04_msk
Max. grid values – pga: 0.20(cm/sec**) pgv: 0.00(cm/sec) mi: 2.1
Tue Sep 2, 2025 08:50:41 GMT ML 3.3 N45.80 E26.83 Depth: 63.0km ID:92085041 **Mw 3.2**

Local time
Tue Sep 02,2025 11:50:41
Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

Tue Sep 2, 2025 08:50:41 GMT ML 3.3 N45.80 E26.83 Depth: 63.0km ID:92085041



City	Distance(km)
Vranceaia	9
Focsani	29
Adjud	43
Covasna	51
Buzau	71
Bacau	87
Brasov	96
Galati	102
Braila	105
Sinaia	111
Ploiesti	113
Vaslui	117
Piatra Neamt	132
Slobozia	142
Targoviste	143
Fagaras	144
Harsova	151
Bucuresti	161
Iasi	163
Tulcea	167
Bucuresti Magurele	172
Calarasi	181
Cernavoda	186
Targu Mures	194
Ramnicu Valcea	206
Suceava	209
Sibiu	210
Campulung M.	217
Giurgiu	221
Constanta	228
Alexandria	232
Bistrita	233
Slatina	245
Mangalia	258
Zimnicea	262
Turnu Magurele	274
Craiova	287
Targu Jiu	291

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+

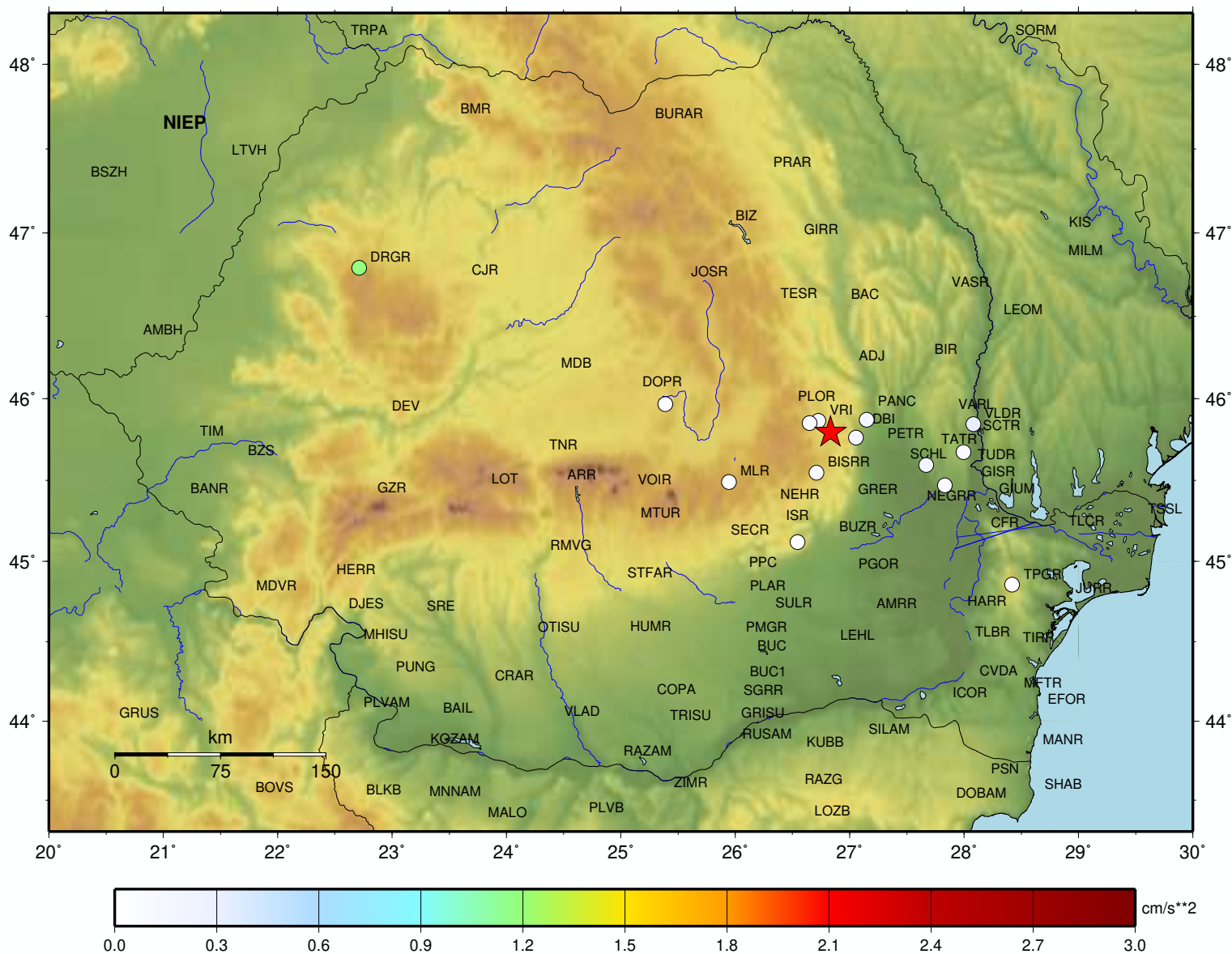
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National- Retea Seismica Nationala (IOSIN-RSN)"

Max. pga (cm/sec**2)

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

Maximum observed acceleration: DRGR_HNE -1.18

Tue Sep 2, 2025 08:50:41 GMT ML 3.3 N45.80 E26.83 Depth: 63.0km ID:92085041



Max. pgv (cm/sec)

Maximum observed velocity: TUDR HHE 0.01

Tue Sep 2, 2025 08:50:41 GMT ML 3.3 N45.80 E26.83 Depth: 63.0km ID:92085041

