



National Institute for Earth Physics - Magurele

## Seismic report - manual

Event local time: Sun May 11,2025 23:53:53

Romania - Event 11205353 - Vrancea seismic zone

Sun May 11, 2025 20:53:53 GMT ML 3.0 N45.62 E26.57 Depth: 133.1km ID:11205353

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 11205353 – Vrancea seismic zone

Attenuation laws – GMPE::VS10 IPE::VS04\_msk

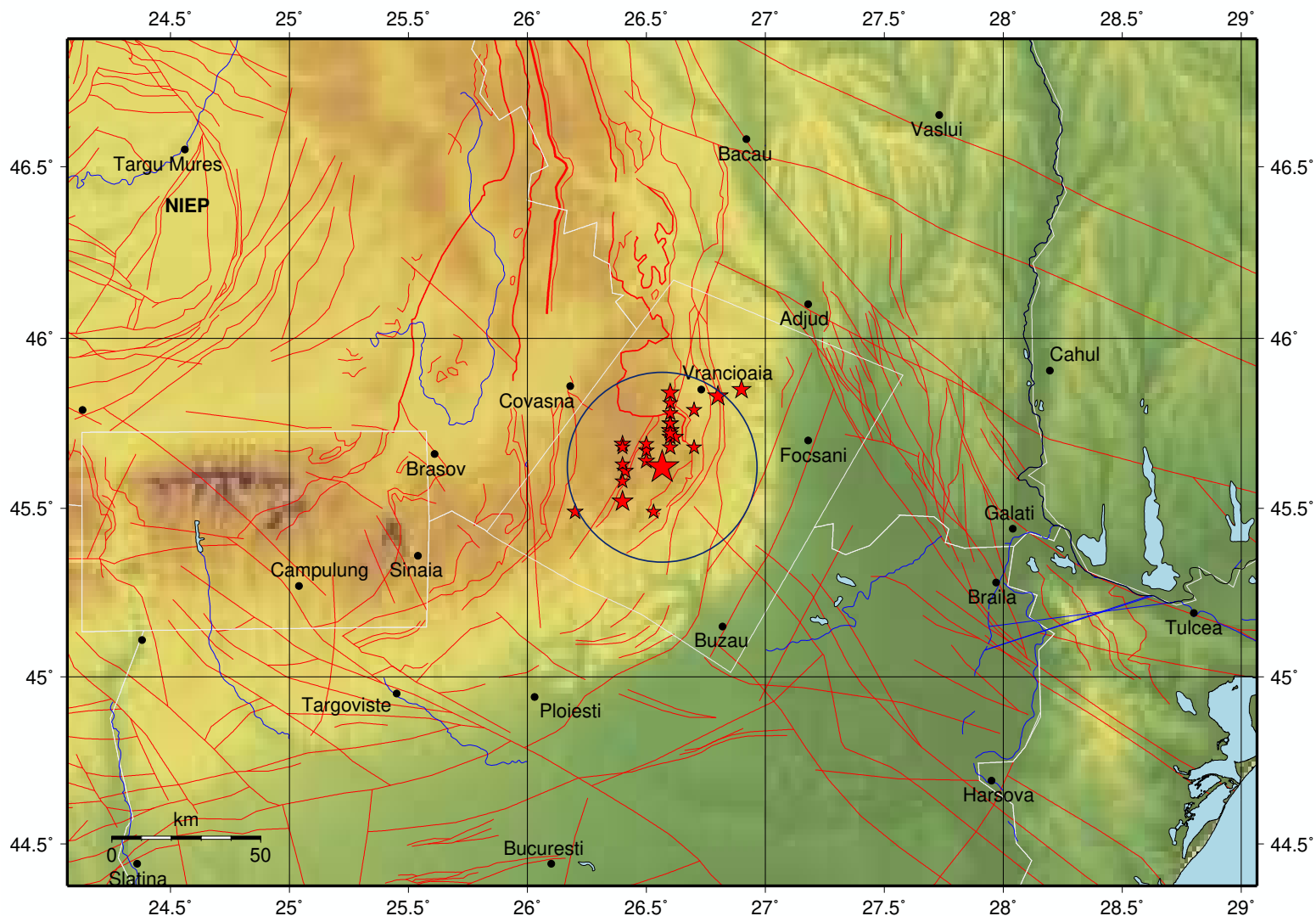
Max. grid values – pga: 0.29(cm/sec\*\*) pgv: 0.00(cm/sec) mi: 1.6

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Local time

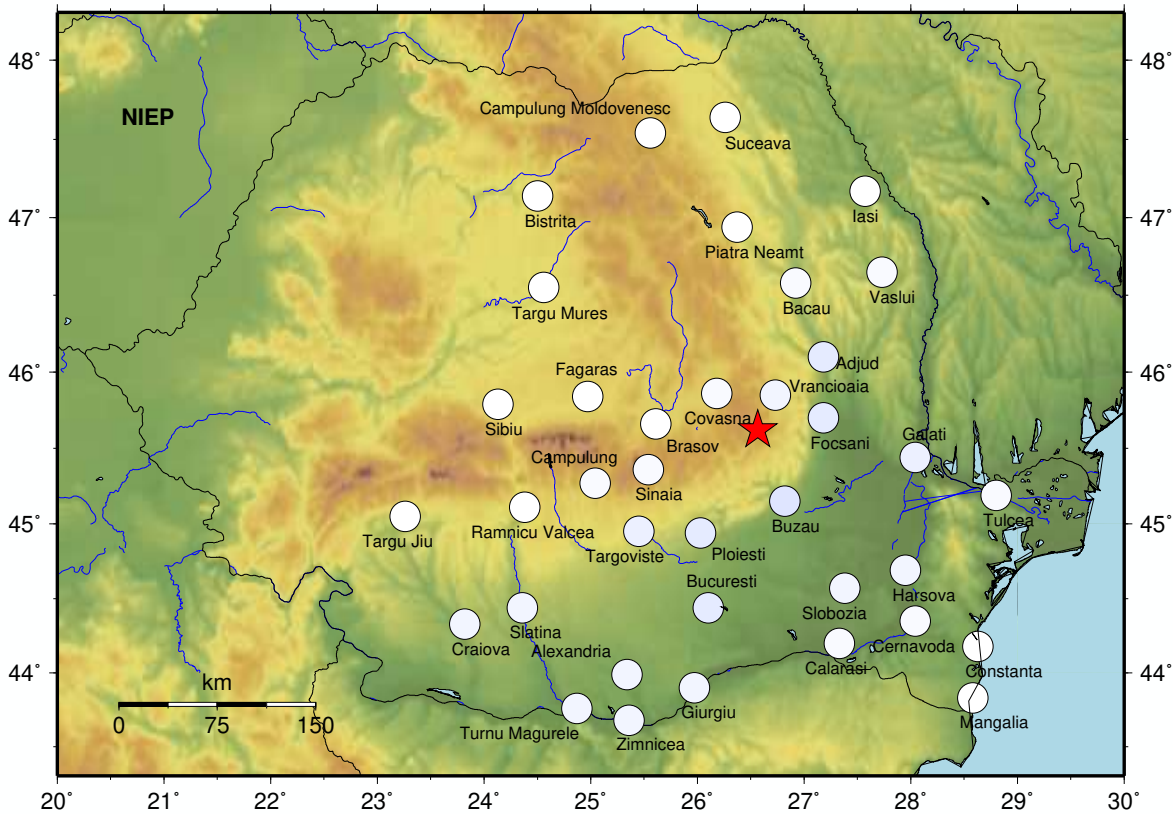
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Fault lines ———



### Estimated intensities based on IPE::VS04\_msk attenuation law

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City	Distance(km)
Vrancea	28
Covasna	40
Focsani	48
Buzau	56
Adjud	71
Brasov	74
Sinaia	85
Ploiesti	86
Bacau	110
Targoviste	115
Galati	116
Campulung	125
Fagaras	126
Slobozia	133
Bucuresti	136
Vaslui	145
Piatra Neamt	147
Harsova	150
Calarasi	169
Ramnicu Valcea	180
Tulcea	181
Cernavoda	182
Targu Mures	186
Iasi	188
Sibiu	190
Giurgiu	197
Alexandria	205
Slatina	217
Suceava	225
Campulung M.	226
Constanta	228
Bistrita	231
Zimnicea	236
Turnu Magurele	246
Mangalia	255
Craiova	259
Targu Jiu	266

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 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: VLDR\_HHN 0.00

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