



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Sun Sep 14, 2025 14:39:04

Romania - Event 14113904 - Vrancea seismic zone

Sun Sep 14, 2025 11:39:04 GMT ML 3.0 N45.59 E26.44 Depth: 149.8km ID:14113904

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

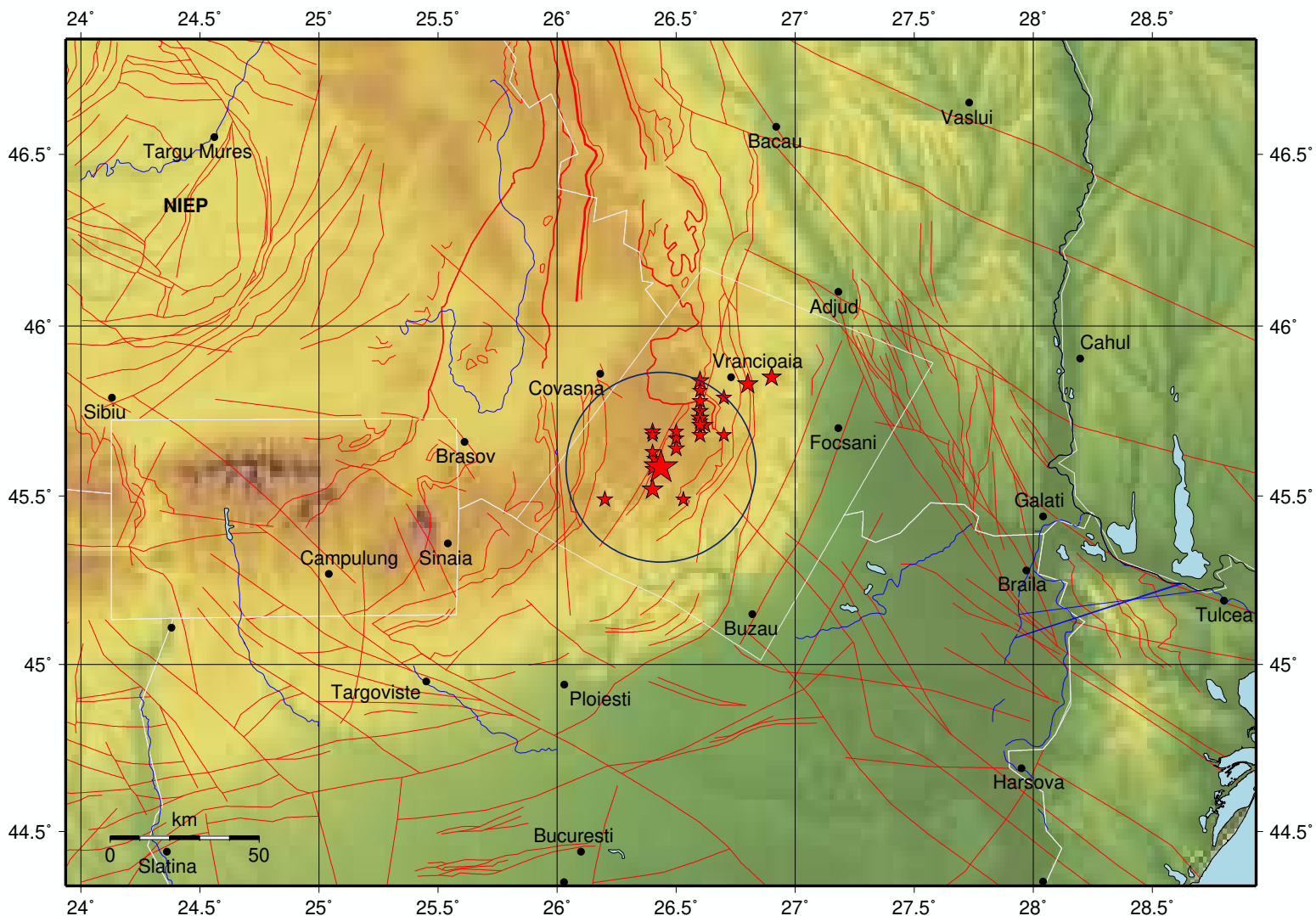
Max. grid values – pga: 0.20(cm/sec**) pgv: 0.00(cm/sec) mi: 1.5

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Local time

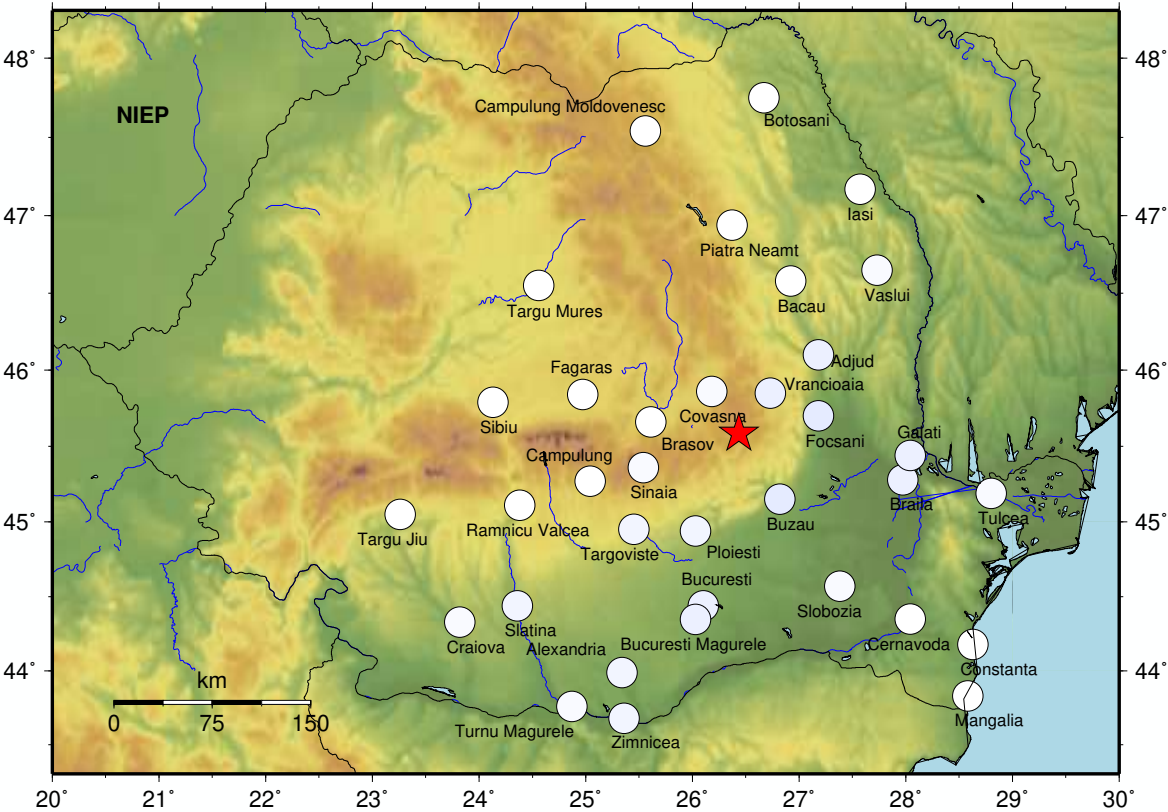
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Covasna	36
Vrancioaia	37
Buzau	56
Focsani	59
Brasov	64
Sinaia	74
Ploiesti	78
Adjud	81
Targoviste	104
Campulung	114
Bacau	116
Fagaras	117
Braila	124
Galati	126
Bucuresti	129
Slobozia	135
Bucuresti Magurele	141
Piatra Neamt	150
Vaslui	155
Ramnicu Valcea	169
Targu Mures	180
Sibiu	181
Cernavoda	186
Tulcea	190
Iasi	196
Alexandria	197
Slatina	207
Campulung M.	227
Zimnicea	228
Constanta	233
Turnu Magurele	237
Botosani	241
Craiova	249
Targu Jiu	256
Mangalia	258

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: ISR_HNN 0.13

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Max. pgv (cm/sec)

Maximum observed velocity: BURAR_BHE 0.00

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