



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Wed Sep 10, 2025 16:00:24

Romania - Event 10130024 - Muntenia seismic zone

Wed Sep 10, 2025 13:00:24 GMT ML 3.1 N44.98 E27.21 Depth: 18.9km ID:10130024

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 crustal earthquakes

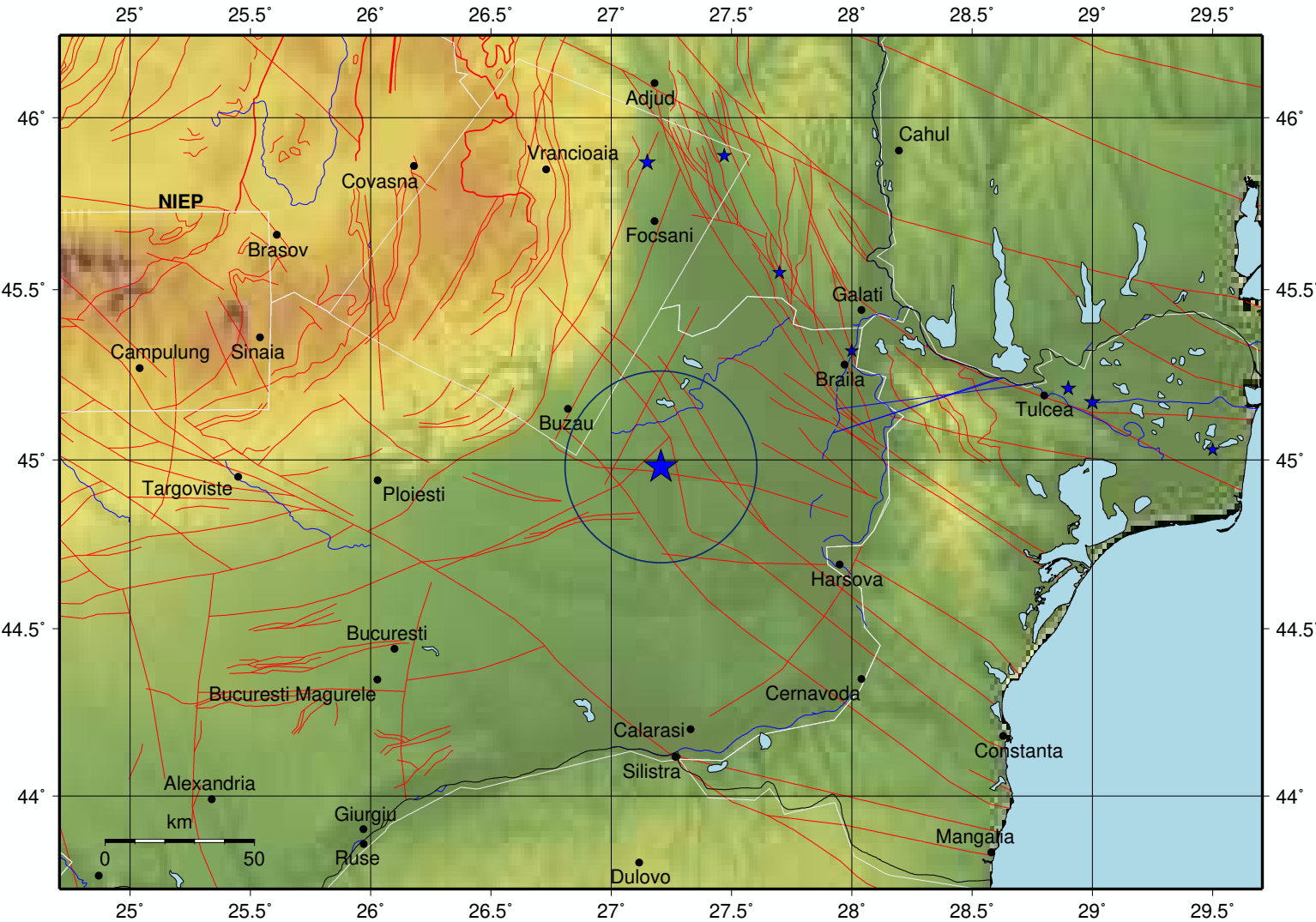
Date	Time	Lon	Lat	Depth	Mw
24-Apr-2020	22:04:18	27.47	45.89	22.6	4.6
22-Nov-2014	19:14:17	27.15	45.87	40.9	5.4
02-Mar-2013	03:38:16	29.50	45.03	5.1	4.1
03-Oct-2004	09:02:04	28.90	45.21	3.7	4.7
02-Dec-1991	08:49:41	21.10	45.45	9.0	5.5
18-Jul-1991	11:56:31	22.30	44.90	12.0	5.6
12-Jul-1991	10:42:21	21.00	45.38	11.0	5.6
01-Apr-1988	07:15:44	27.70	47.90	17.0	4.2
19-Jul-1987	02:18:56	27.70	45.55	15.0	4.4
13-Nov-1981	09:07:08	29.00	45.17	15.0	5.1

Source: ROMPLUS Catalogue

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Attenuation laws – GMPE::BJF97 IPE::TA09_mmi
Max. grid values – pga: 53.17(cm/sec**) pgv: 0.11(cm/sec) mi: 3.8
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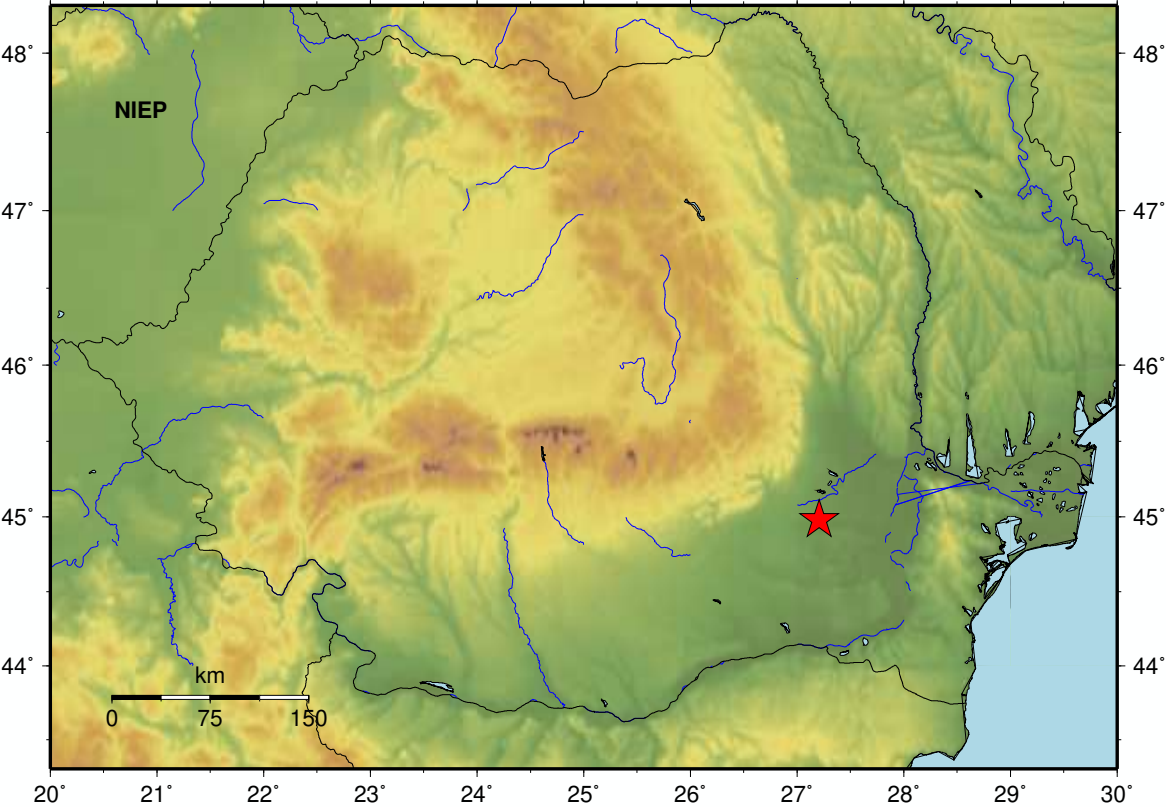
Local time
Wed Sep 10,2025 16:00:24
Fault lines



Estimated intensities based on IPE::TA09_mmi attenuation law

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City Distance(km)



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+

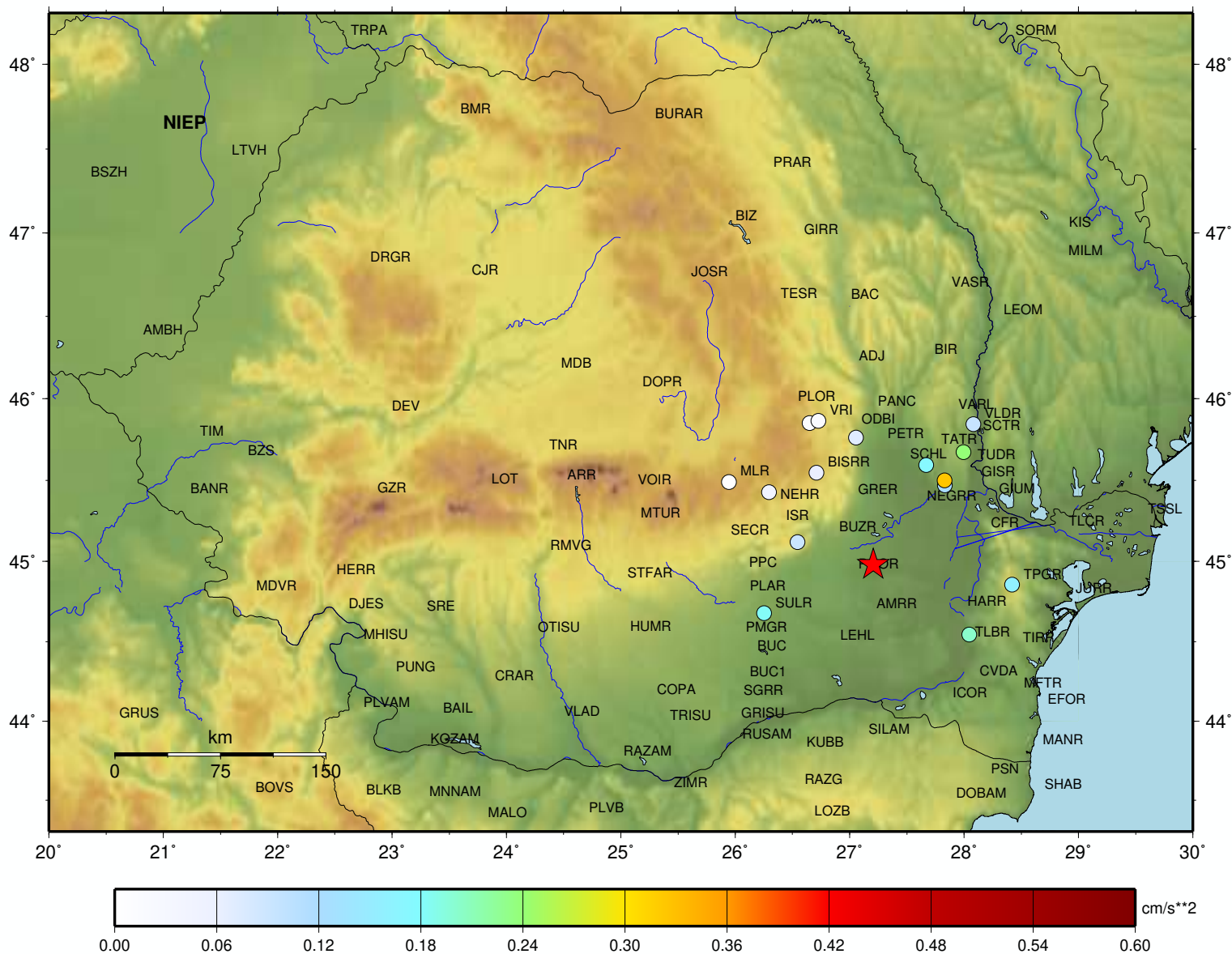
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National- Retea Seismica Nationala (IOSIN-RSN)"

Max. pga (cm/sec**2)

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

Maximum observed acceleration: SCHL_HNE -0.33

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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: SCHLR_HHN 0.01

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