



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Mon Oct 20,2025 03:35:43

Romania - Event 20003543 - Muntenia seismic zone

Mon Oct 20, 2025 00:35:43 GMT ML 3.3 N45.35 E28.03 Depth: 7.9km ID:20003543

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

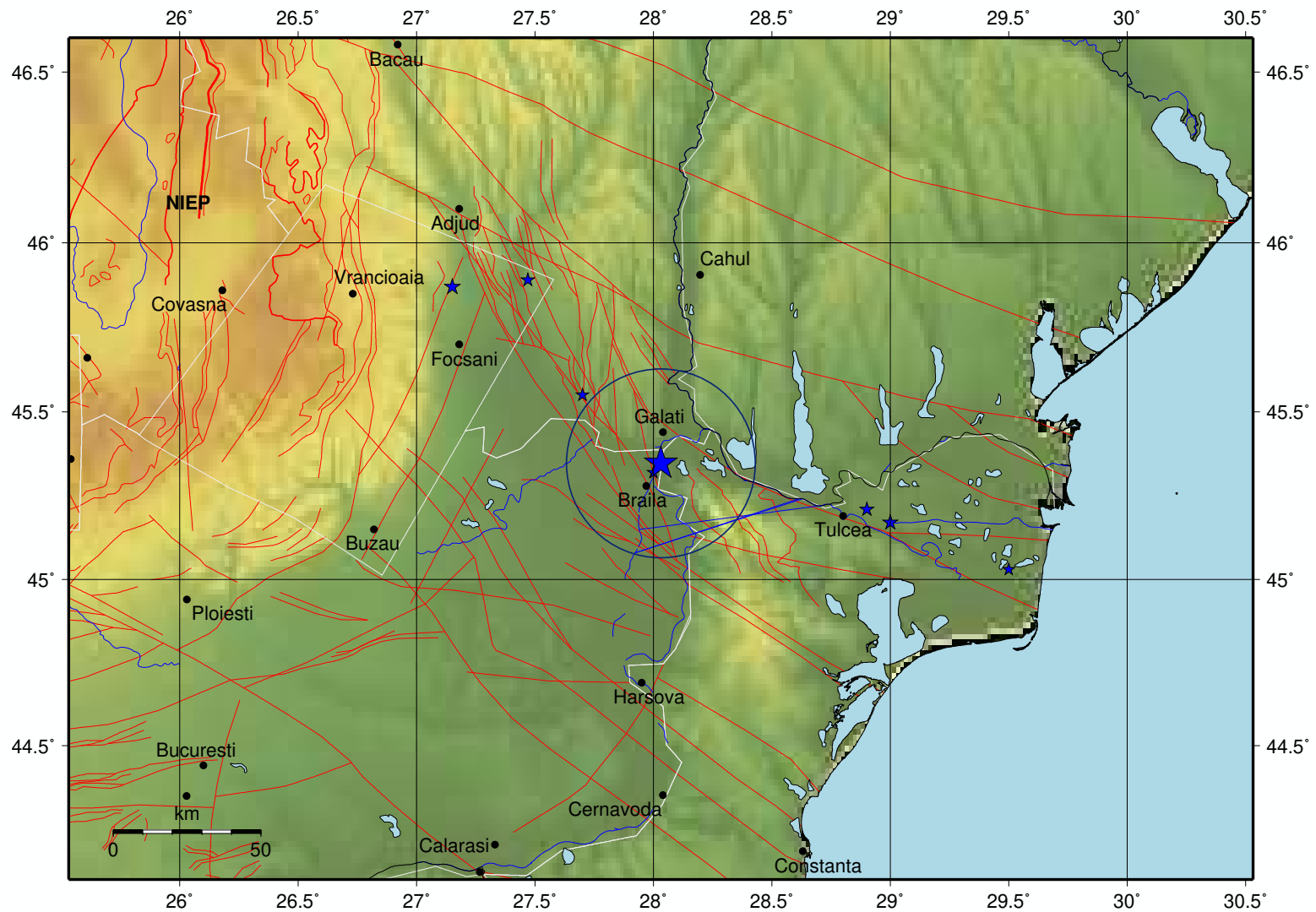
Date	Time	Lon	Lat	Depth	Mw
06-Jun-2023	17:26:52	21.53	46.12	7.2	4.8
22-May-2023	17:46:42	21.57	46.12	7.2	4.4
20-Mar-2023	14:02:17	23.09	45.13	17.5	4.6
14-Feb-2023	13:16:52	23.19	45.15	12.9	5.4
13-Feb-2023	14:58:07	23.16	45.15	17.0	4.8
24-Apr-2020	22:04:18	27.47	45.89	22.6	4.6
22-Nov-2014	19:14:17	27.15	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

Source: ROMPLUS Catalogue

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Attenuation laws – GMPE::BJF97 IPE::TA09_mmi
Max. grid values – pga: 36.98(cm/sec**) pgv: 0.62(cm/sec) mi: 3.7
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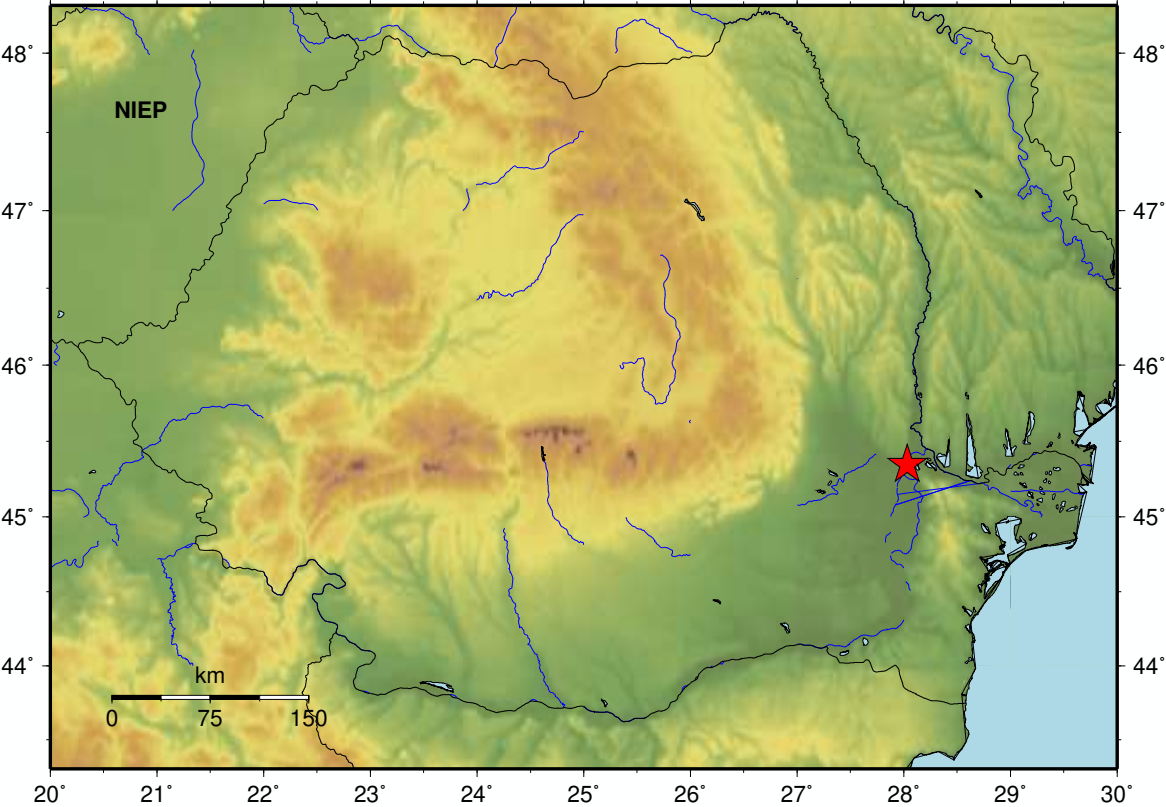
Local time
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Fault lines



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+

Max. pga (cm/sec**2)

Maximum observed acceleration: CFR_HNN -1.80

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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: TUDR_HHN 0.03

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