



National Institute for Earth Physics - Magurele

## Seismic report - manual

Event local time: Fri Aug 22, 2025 14:18:14

Romania - Event 22111814 - Oltenia seismic zone

Fri Aug 22, 2025 11:18:14 GMT ML 4.2 N45.13 E23.19 Depth: 13.8km ID:22111814

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

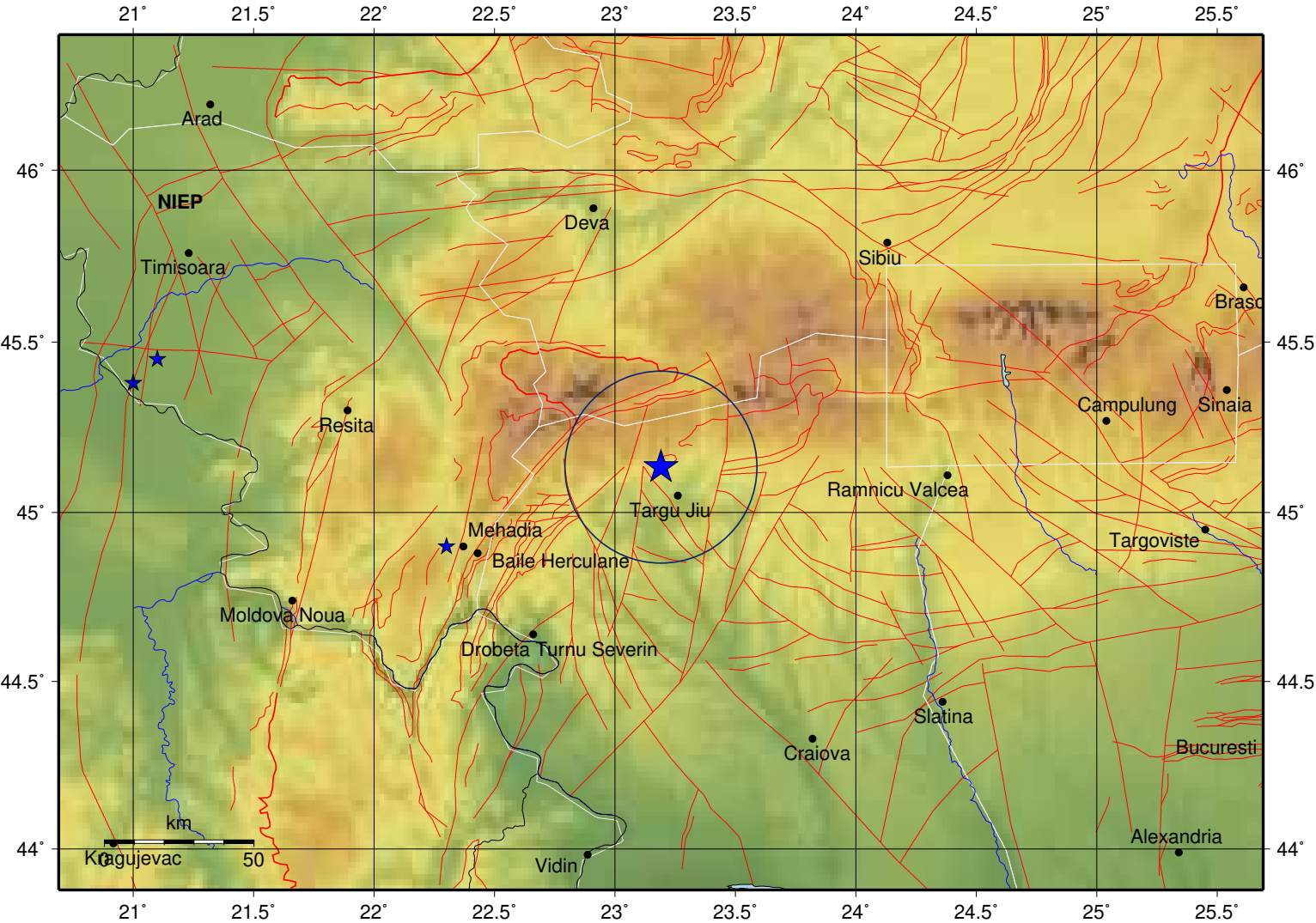
| Date        | Time     | Lon   | Lat   | Depth | Mw  |
|-------------|----------|-------|-------|-------|-----|
| 24-Apr-2020 | 22:04:18 | 27.47 | 45.89 | 22.6  | 4.6 |
| 22-Nov-2014 | 19:14:17 | 27.15 | 45.87 | 40.9  | 5.4 |
| 02-Mar-2013 | 03:38:16 | 29.50 | 45.03 | 5.1   | 4.1 |
| 03-Oct-2004 | 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

## Romania – Event 22111814 – Oltenia seismic zone

Attenuation laws – GMPE::BJF97 IPE::TA09\_mmi  
Max. grid values – pga: 34.04(cm/sec\*\*) pgv: 0.17(cm/sec) mi: 4.2  
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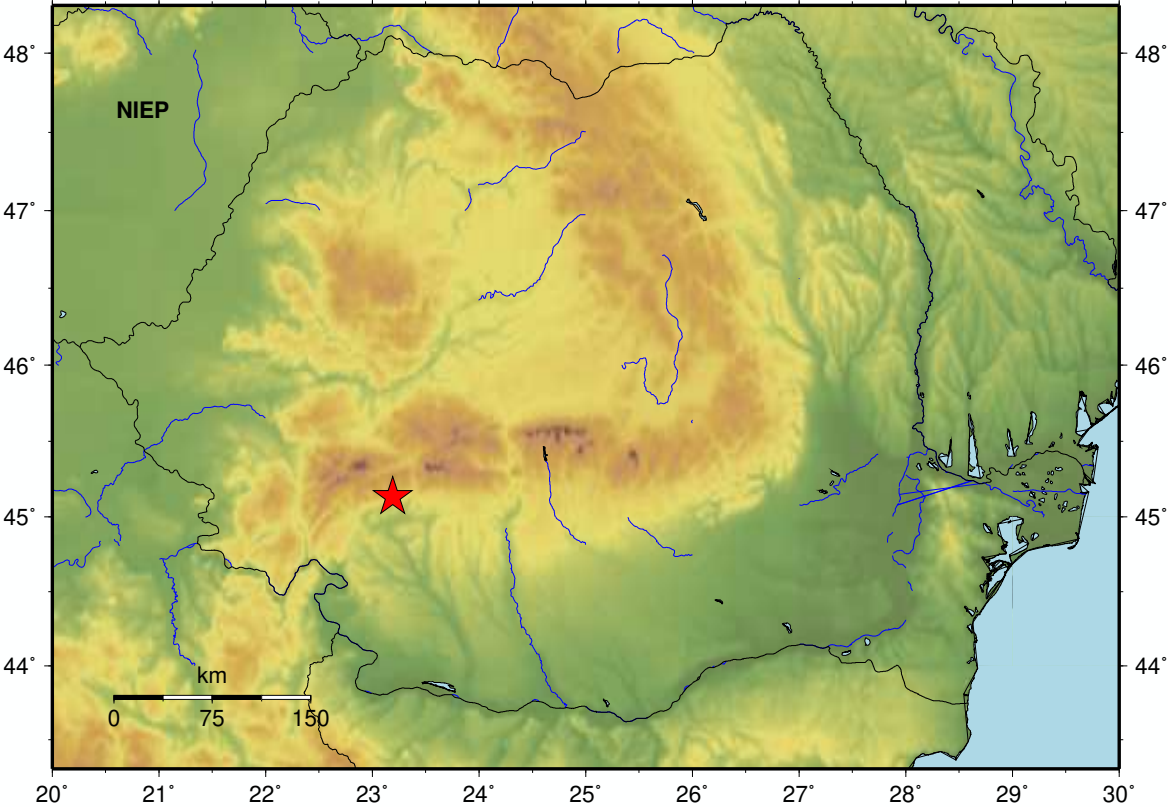
Local time  
Fri Aug 22,2025 14:18:14  
Fault lines



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: BVPR\_HNN 49.10

[illegible]

## Max. pgv (cm/sec)

Maximum observed velocity: TCAR\_EHN 0.43

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