



National Institute for Earth Physics - Magurele

## Seismic report - manual

Event local time: Tue Dec 23,2025 23:43:12

Romania - Event 23214312 - Muntenia seismic zone

Tue Dec 23, 2025 21:43:12 GMT ML 3.7 N45.41 E25.82 Depth: 66.0km ID:23214312

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

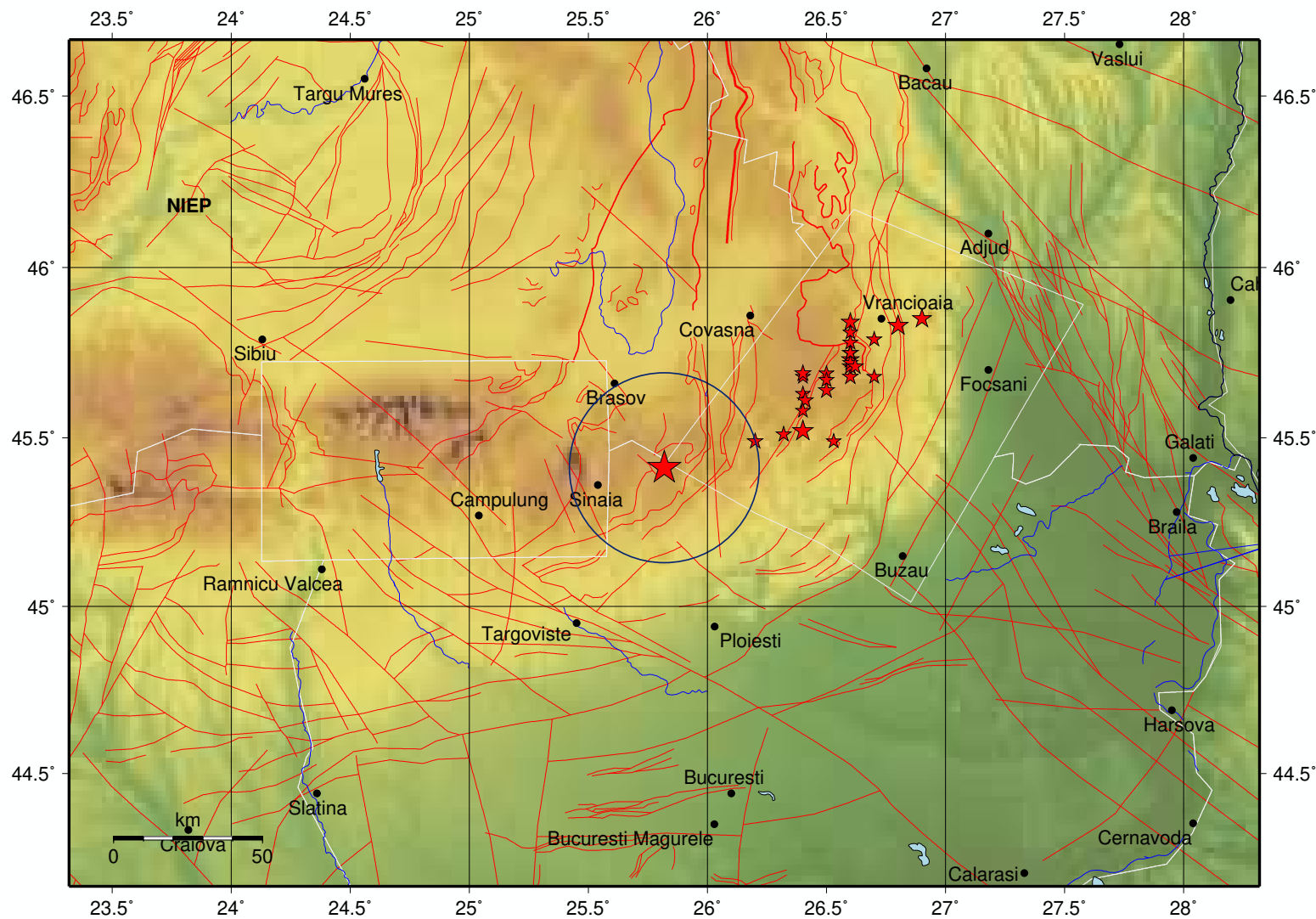
| Date        | Time     | Lon   | Lat   | Depth | Mw  |
|-------------|----------|-------|-------|-------|-----|
| 16-Sep-2024 | 14:40:22 | 26.32 | 45.51 | 128.4 | 5.1 |
| 03-Nov-2022 | 04:50:25 | 26.53 | 45.49 | 149.0 | 4.9 |
| 28-Oct-2018 | 00:38:11 | 26.41 | 45.61 | 147.8 | 5.5 |
| 27-Dec-2016 | 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 |

Source: ROMPLUS Catalogue

## Romania – Event 23214312 – Muntenia seismic zone

Attenuation laws – GMPE::VS10 IPE::VS04\_msk  
Max. grid values – pga: 0.20(cm/sec\*\*) pgv: 0.01(cm/sec) mi: 2.5  
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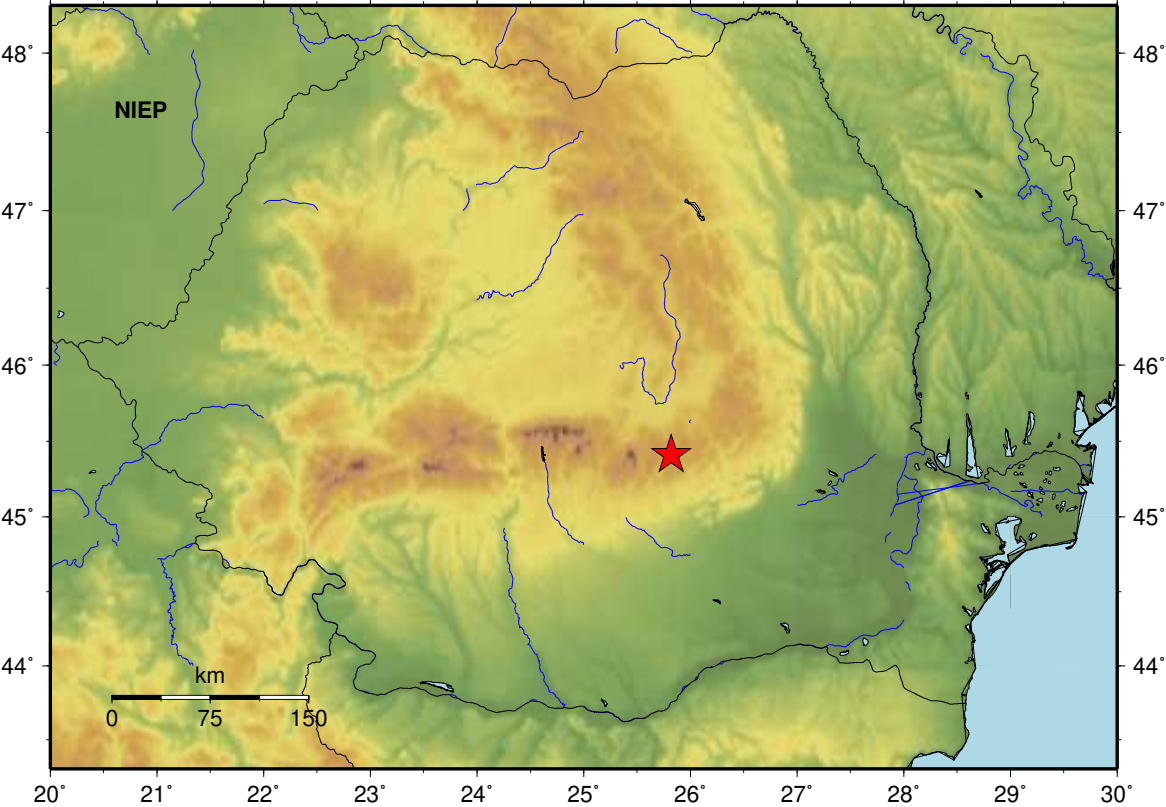
Local time  
Tue Dec 23,2025 23:43:12  
Fault lines



Estimated intensities based on IPE::VS04\_msk 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: TGSR\_HNE 0.63

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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: COPA\_HHN 0.03

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