

Croatia | 5.4M Earthquake of 22 March

EU Response

- On 22 March, the EU Civil Protection Mechanism was activated.
- Croatia has accepted the in-kind assistance, including tents, sleeping bags, field beds, and electrical heaters from the following Member States: Austria, Hungary, Italy, Slovenia, Lithuania.

Impact Overview

- 17** Injured people
- 67** Damaged buildings

Source: [Government of Croatia, Croatian Civil Protection](#)

Population exposure to earthquake intensity

VII	280,000
VI	610,000
V	500,000

Source: [GDACS](#)

Earthquake

Source: [GDACS](#), [USGS](#)

- Main event
- Aftershocks
- 3.4M - 4.6M
- Focal mechanism
- Source: [USGS](#)
- [GDACS](#) Orange alert

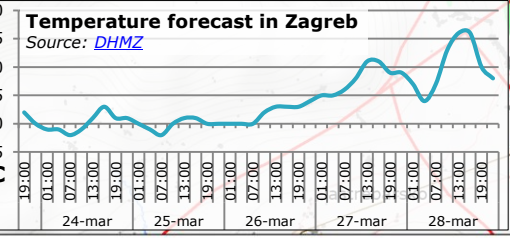
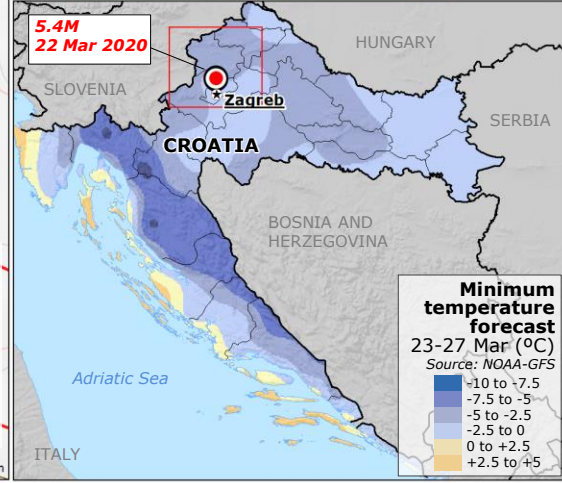
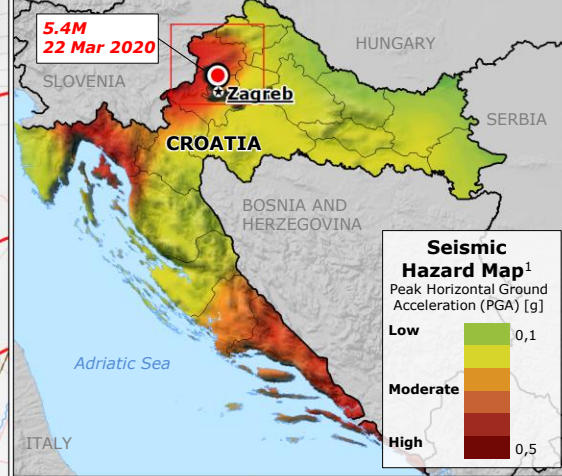
Modified Mercalli Scale

Source: [USGS](#)

- VII Very strong shaking
- VI Strong shaking
- V Moderate shaking

- Active fault
- Power plant
- Nuclear power plant
- Built-up
- Roads
- Railways
- Country border
- Main airport

5.4M
 Depth: 10 km
 22 Mar 2020
 05:24 UTC
 (06:54 local time)



¹The Map displays the PGA (g is the gravitational acceleration) to be reached or exceeded with a 10% probability in 50 years, corresponding to the average recurrence of such ground motions every 475 years, as prescribed by the national building codes in Europe for standard buildings.
 Source: [D. Giardini et al. doi:10.2777/30345](#)