

China | 5.4 M Earthquake of 15 September

IMPACT OVERVIEW

As of 16 September

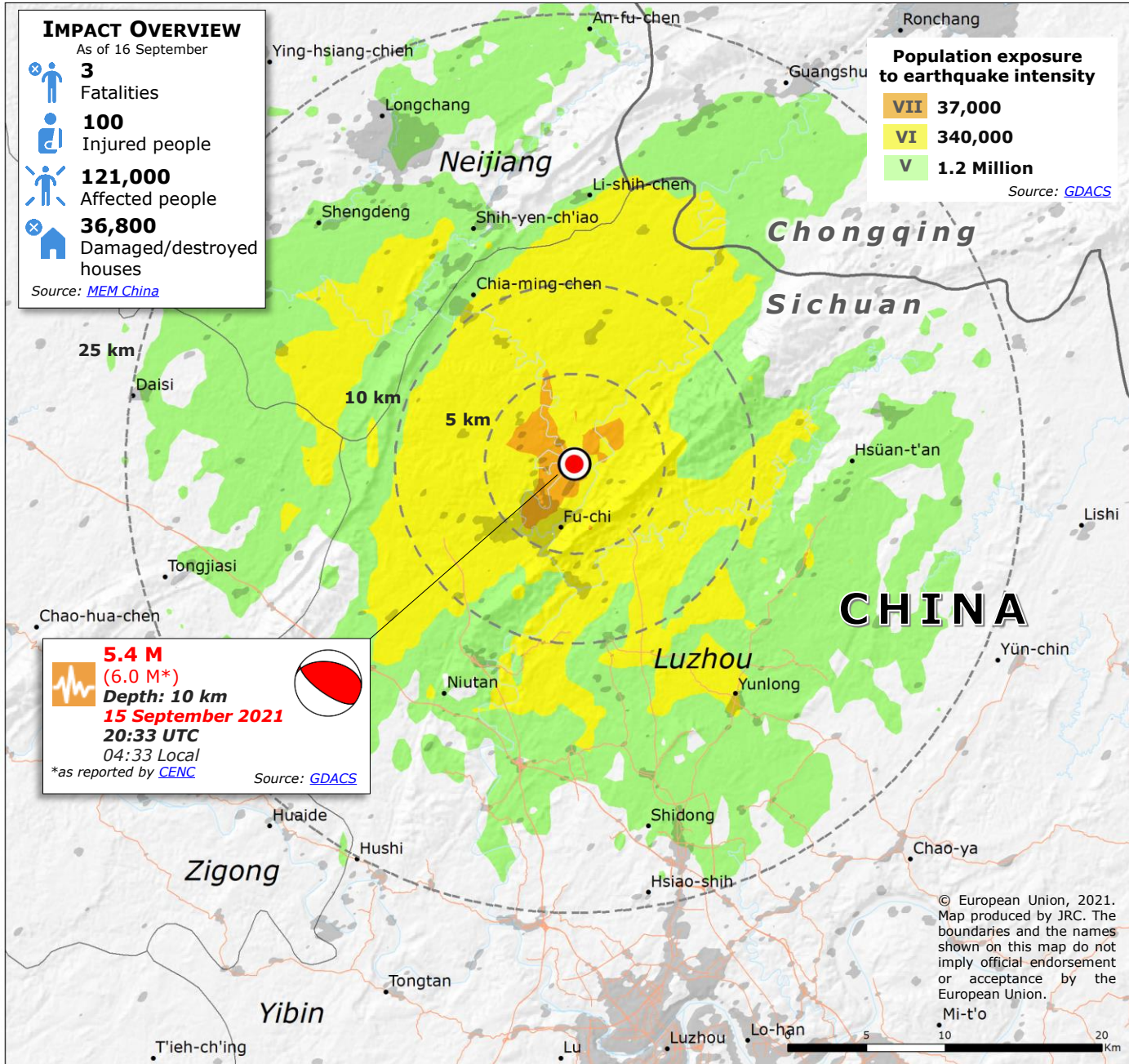
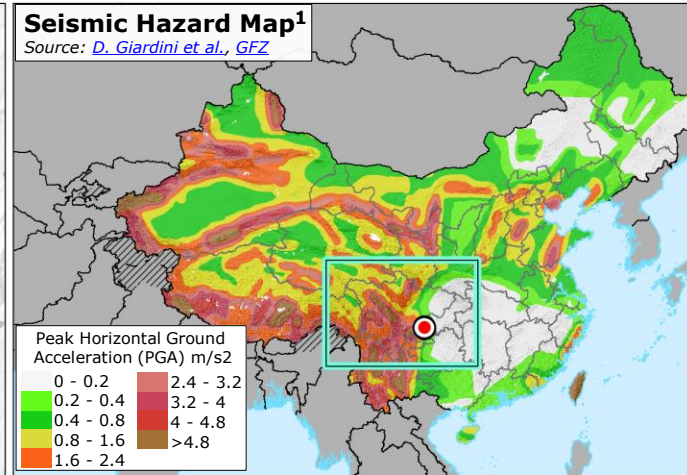
- 3** Fatalities
- 100** Injured people
- 121,000** Affected people
- 36,800** Damaged/destroyed houses

Source: [MEM China](#)

Population exposure to earthquake intensity

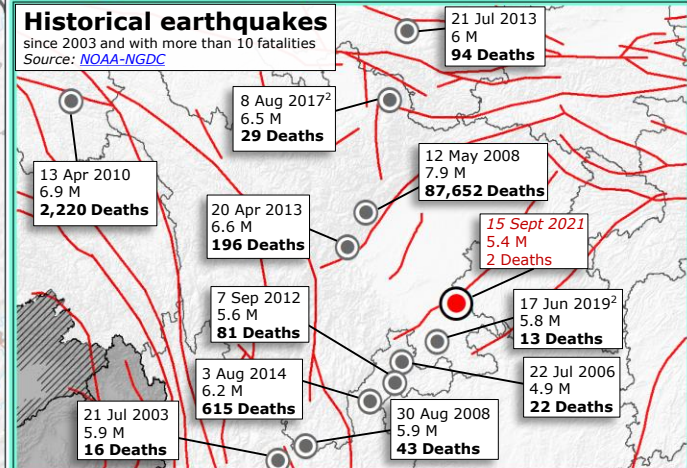
VII	37,000
VI	340,000
V	1.2 Million

Source: [GDACS](#)



5.4 M
(6.0 M*)
Depth: 10 km
15 September 2021
20:33 UTC
04:33 Local
*as reported by [CENC](#)

Source: [GDACS](#)



Earthquake

- Earthquake epicentre
Source: [GDACS](#), [USGS](#), [CENC](#)
- Focal mechanism
Source: [USGS](#)
- [GDACS](#) Orange alert

Modified Mercalli Scale intensity (MMI)

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

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

- Faults
Source: [Yang et al. 2017](#)
- Built-up
Source: [JRC-GHSL](#)
- Roads
- Province border
- Disputed country border
- Disputed area
- County border
- Country border

¹The Global Seismic Hazard Map (GSHAP) depicts Peak Ground Acceleration (PGA) with a 10 % chance of exceedance in 50 years, corresponding to a return period of 475 years.
²Additional Daily Maps on historical earthquakes are available on the [ERCC portal](#)

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