

# Philippines | 6.8M Earthquake of 15 December

**Population exposure to earthquake intensity**

VII	530,000
VI	3.6 Million
V	4.6 Million

Source: [GDACS](#)

**6.8M**  
 Depth: 22 km  
 15 Dec 2019  
 6:11 UTC  
 (14:11 local time)

**IMPACT OVERVIEW**

9	24
99	108,471
1	14,115
32,124	20

Source: [NDRRMC](#)

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

- Last significant earthquake
- Aftershocks between 4.6M and 5.7M
- Focal mechanism  
Source: [USGS](#)

**Modified Mercalli Scale**  
 Shakemap event 6.8M  
 Source: [USGS](#)

VII	Very strong shaking
VI	Strong shaking
V	Moderate shaking

**Active faults**  
 Source: [Philippine Institute of Volcanology and Seismology](#)

- Active fault
- Built-up  
Source: [JRC-GHSL](#)
- Main airport
- Main port
- Province border

**SEISMIC SEQUENCE FROM 9 JULY TO 17 DECEMBER**

Impact of 5.8M, 6.5M and 6.6M events

- 23
- 563
- 11

Source: [NDRRMC](#)

Key events:

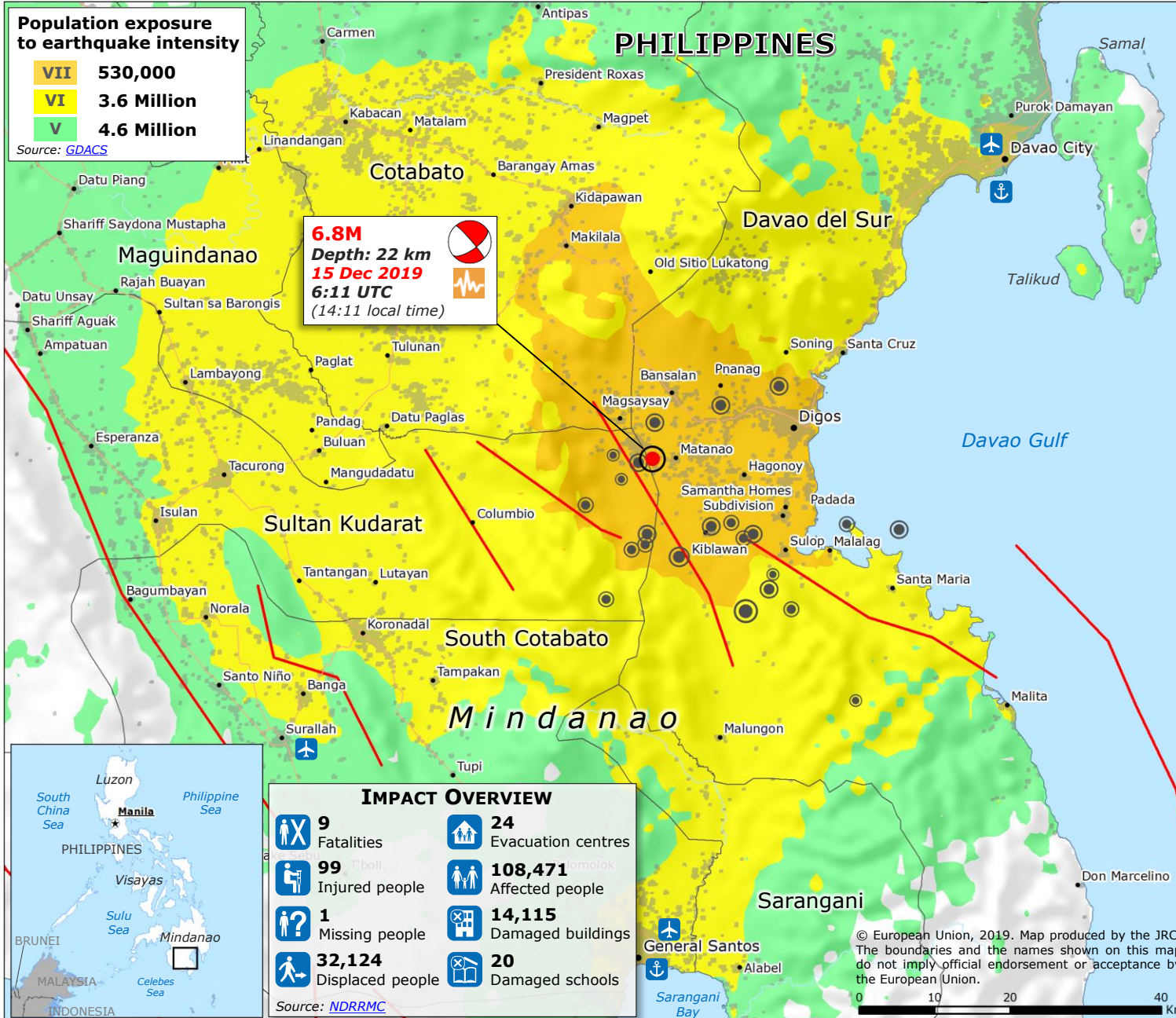
- 5.8M** 29 Oct 2:42 UTC
- 6.6M** 29 Oct 1:04 UTC
- 6.4M** 16 Oct 11:37 UTC
- 6.5M** 31 Oct 1:11 UTC
- 6.8M** 15 Dec 2019

Legend: Deadly earthquakes, Earthquakes

**10-days Precipitation Forecast**  
 Source: [JRC GloFAS-ECMWF](#)

10-15 mm
15-20 mm
20-25 mm
25-50 mm
50-100 mm
100-150 mm
150-200 mm
> 200 mm

**Severe flood advisory**  
**Moderate flood advisory**  
 Source: [PAGASA](#)



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