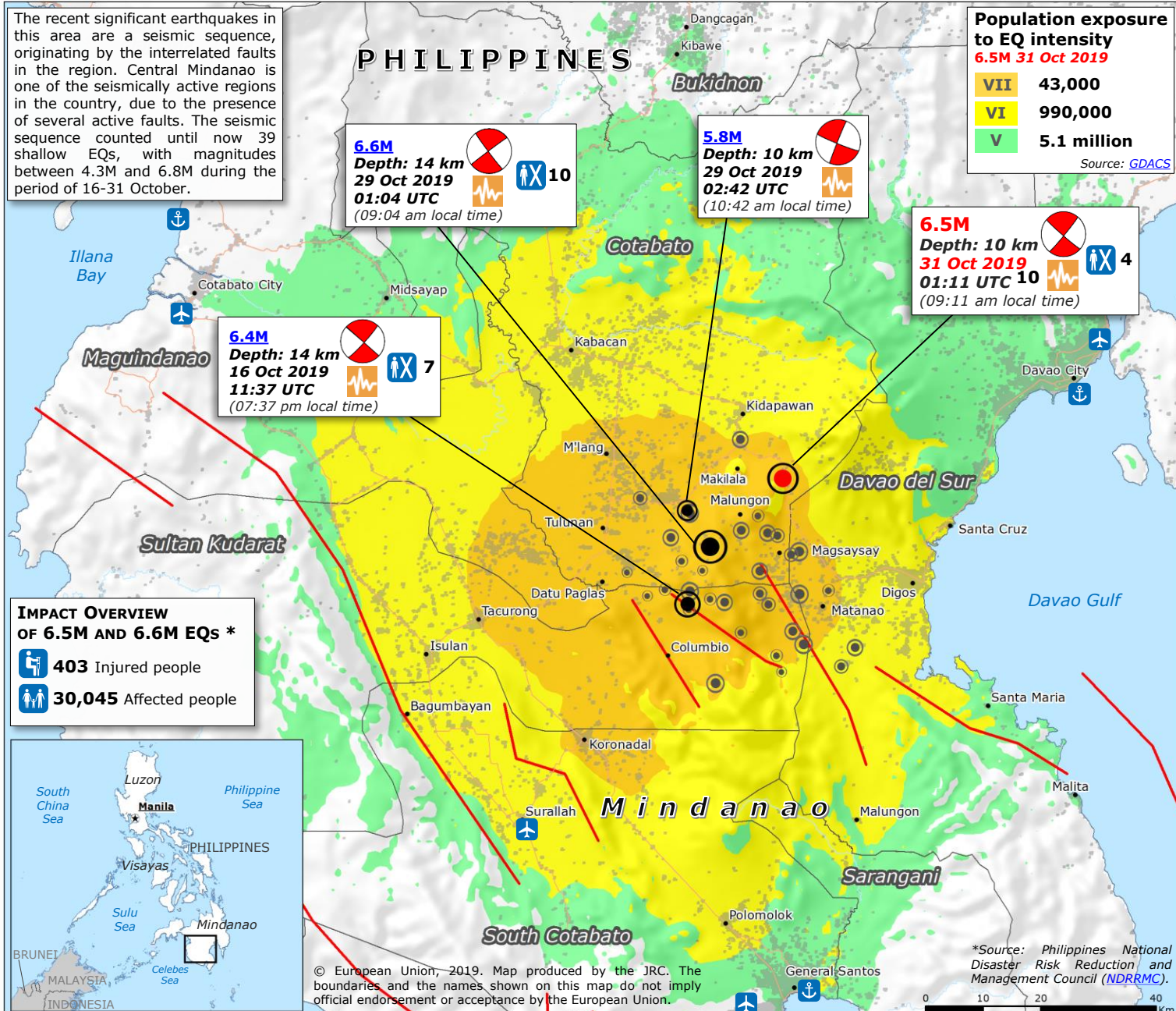


# Philippines | 6.5M Earthquake

The recent significant earthquakes in this area are a seismic sequence, originating by the interrelated faults in the region. Central Mindanao is one of the seismically active regions in the country, due to the presence of several active faults. The seismic sequence counted until now 39 shallow EQs, with magnitudes between 4.3M and 6.8M during the period of 16-31 October.



**6.6M**  
 Depth: 14 km  
 29 Oct 2019  
 01:04 UTC  
 (09:04 am local time)

Intensity: IX 10

**5.8M**  
 Depth: 10 km  
 29 Oct 2019  
 02:42 UTC  
 (10:42 am local time)

Intensity: IX 10

**6.4M**  
 Depth: 14 km  
 16 Oct 2019  
 11:37 UTC  
 (07:37 pm local time)

Intensity: IX 7

**6.5M**  
 Depth: 10 km  
 31 Oct 2019  
 01:11 UTC 10  
 (09:11 am local time)

Intensity: IX 4

**Population exposure to EQ intensity**  
 6.5M 31 Oct 2019

VII	43,000
VI	990,000
V	5.1 million

Source: GDACS

**IMPACT OVERVIEW OF 6.5M AND 6.6M EQs \***

403 Injured people

30,045 Affected people



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**Earthquakes (EQ)**  
 Source: GDACS, USGS

- Red circle: Last significant EQ
- Black circle: Recent significant EQs
- Grey circle: EQs 4.3M – 5.3M
- Red circle with cross: Focal mechanism Source: USGS

**Modified Mercalli Scale**  
 Combined significant EQs 16 – 31 Oct 2019

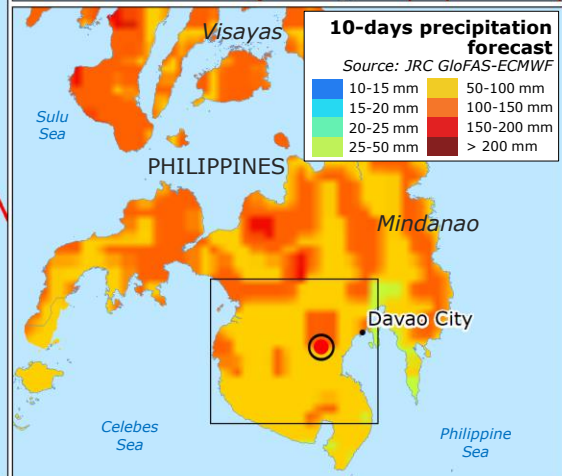
VII	Very Strong shaking
VI	Strong shaking
V	Moderate shaking

**Active Faults**  
 Source: Philippine Institute of Volcanology and Seismology

- Red line: Active fault
- Red triangle: Thrust

**Other Symbols:**

- Blue 'X' in a square: Fatalities\*
- Grey square: Built-up
- Blue airplane: Main airport
- Blue anchor: Main port
- Black line: Province boundary



\*Source: Philippines National Disaster Risk Reduction and Management Council (NDRRMC)