



Photos by Philippine Red Cross Masbate - RCY

ESTIMATED EXPOSURE



1.43 Million
ESTIMATED POPULATION
EXPOSED



270,895
ESTIMATED
HOUSEHOLDS
EXPOSED



\$6.39 Billion
ESTIMATED TOTAL
REPLACEMENT VALUE OF
BUILDINGS AND
INFRASTRUCTURE

Philippines

- According to the Philippine Institute of Volcanology and Seismology ([PHIVOLCS](#)), at 7:03 AM, a **Magnitude 6.6** earthquake with a **depth of 21 km** struck 007 km S 29° E of Cataingan (Masbate). As of 10:00 AM, [PHIVOLCS](#) has recorded 21 aftershocks ranging from M 1.6 to 3.8.
- The highest reported intensity was **Intensity VII** based on the [PHIVOLCS](#) Earthquake Intensity Scale (PEIS) in Cataingan, Masbate ([PHIVOLCS](#)). This is characterised by “Destructive” shaking where old or poorly-built structures suffer considerable damage and trees are shaken strongly. No tsunami advisories have been issued according to the ASEAN Disaster Monitoring and Response System ([DMRS](#)) and Pacific Disaster Center ([PDC Global](#)).
- As of 10:00 AM, it has been reported that the earthquake resulted in one death and one injury in Cataingan.
- Masbate City’s Disaster Risk Reduction Management Office ([DRRMO](#)) is conducting rapid damage and needs assessment to verify the extent of the damage. The Masbate City [DRRMO](#) is in coordination with the local government unit to discuss relief efforts for those affected by the earthquake. So far, no significant damage has been reported in the city proper. Light-material houses and structures comprise most of the recorded damages particularly in Palanas according to the Office of Civil Defense ([OCD](#)). The [OCD](#) is currently coordinating its team in different areas for reports of earthquake-induced damages and casualties.
- Based on preliminary data, earthquakes of this depth and magnitude are expected to result in moderate to severe shaking within 200.0 km (124.27 miles) from the epicenter. It is estimated that 12 Million people, 2.26 Million households, and \$60.5 Billion (USD) of infrastructure* are concentrated within this radius ([DMRS](#), [PDC Global](#)).
- The AHA Centre will continue to monitor the situation for further developments and issue necessary updates.

DATA SOURCES

ASEAN Disaster Monitoring & Response System (DMRS); Pacific Disaster Center (PDC Global)

Philippines: Masbate City DRRMO, OCD, PHIVOLCS

Verified news media agencies

DISCLAIMER

The AHA Centre was established in November 2011 by the Association of Southeast Asian Nations (ASEAN) Member States to facilitate cooperation and coordination among the Member States, relevant agencies of the United Nations, and international organisations in disaster management and humanitarian assistance.

The use of boundaries, geographic names, related information and potential considerations for response are for reference, not warranted to be error free or implying official endorsement from ASEAN Member States.

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