

WEDNESDAY

8 JUN 2022

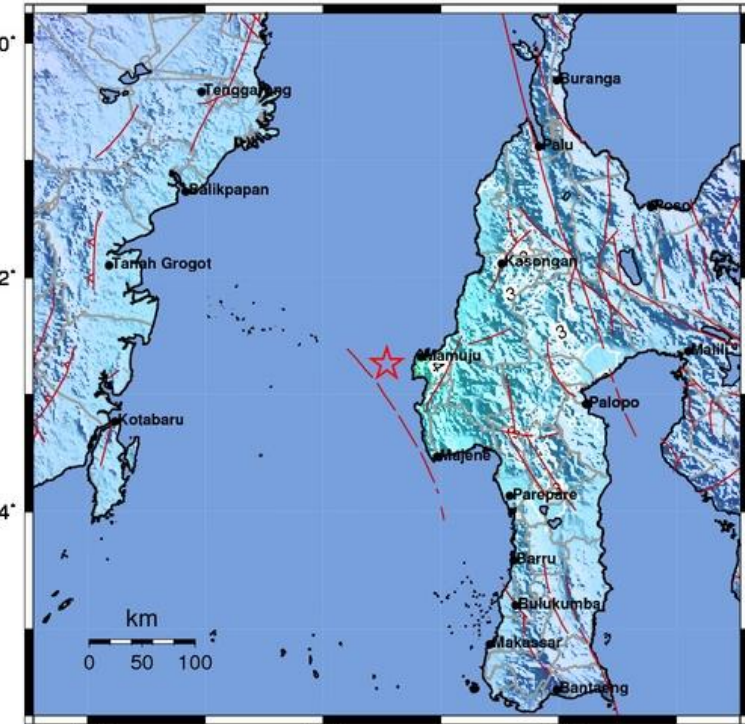
2045 HRS UTC +7

M5.8 EARTHQUAKE IN WEST SULAWESI INDONESIA FLASH UPDATE #1



ONE ASEAN ONE RESPONSE

BMKG ShakeMap : Pusat gempa berada di laut 43 km Barat Daya Mamuju
JUN 8, 2022 12:32:36 WIB, M:5.8, 2.74S 118.54E, Depth:10km, ID:20220608123236



Map Version 1 Processed Wed Jun 8, 2022 05:44:22 WIB

PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	none	none	none	Very light	Light	Moderate	Mod./Heavy	Heavy	Very heavy
MMI	I	II-III	IV	V	VI	VII	VIII	IX	X+

Scale based upon Worden et al. (2011)

Disclosure(s): Estimations are based on data reported/confirmed by National Disaster Management Organisations of the respective ASEAN Member State (Badan Nasional Penanggulangan Bencana) and other verified sources



A number of people displaced near Manakarra Stadium, Mamuju, in anticipation of aftershocks
Sources: Sulbar Express



PKK Building in Central Sulawesi Government Office
Sources: BNPB



Damaged Building Caused by M5.8 Earthquake in Mamuju
Sources: Antara News

- **OVERVIEW:** At 1232 HRS UTC+7, a **Magnitude 5.8** Earthquake with a depth of 10 km occurred 43 km Southwest of Mamuju, Indonesia ([BMKG](#)).
- **ANALYSIS:** Preliminary analysis indicate that this is a moderate earthquake, but it is very shallow (shallower quakes tend to be more damaging than deeper quakes). Earthquakes of this depth and magnitude tend to result to moderate to severe shaking within 80.0 km from the epicentre ([DMRS](#)).
- **EXPOSURE:** It is estimated that **689,625 people**, **172,406 households**, and **\$10.9 Million (USD) of infrastructure** (total replacement value) are within 80.0 km of the epicentre ([DMRS](#)).
- **IMPACTS:** [BNPB](#) report as of 1700 HRS UTC+7
 - 4 injuries reported and have been referred to a hospital in Mamuju Regency
 - 3 evacuation centres have been established in Manakarra Stadium, Office of the Governor of West Sulawesi Province, and TVRI Office in Mamuju Regency in anticipation of aftershocks
 - 20,000 persons evacuated their homes in Majene Regency in anticipation of aftershocks
 - The record for damaged houses is still under data collection
- **PREPAREDNESS AND RESPONSE:**
 - The local disaster management agency of West Sulawesi Province conducted a quick review and has coordinated with relevant agencies. The community in the affected area has been evacuated and tents have been sent up at the Mamuju General Hospital.
 - The local disaster management agency of Mamuju Regency and the response team are doing a quick assessment and evacuation and data collection is still underway
 - Urgent needs that been identified include instant food, logistics, blankets, and tents (family tents and isolation tents)
- The AHA Centre will continue to monitor and issue necessary updates once more information from official sources becomes available.

KEY FIGURES



4

INJURED PERSONS



20K

DISPLACED PERSONS

DATA SOURCES

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

Indonesia: BNPB, BMKG;

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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