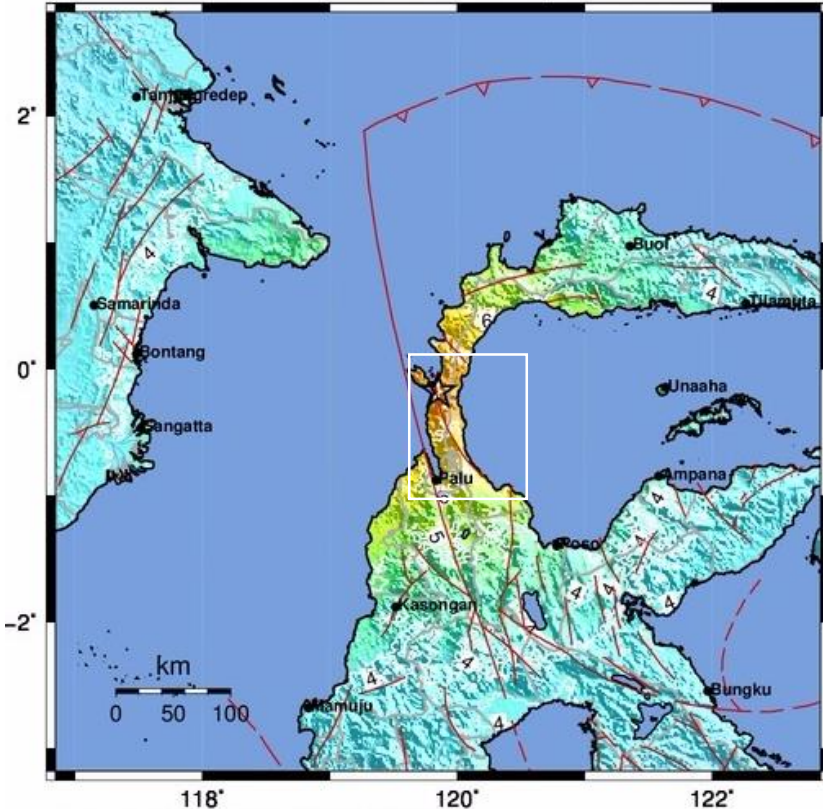


M 7.4 Earthquake Minahassa Peninsula Sulawesi, Indonesia Flash Update 01 (Revised)



ONE ASEAN ONE RESPONSE

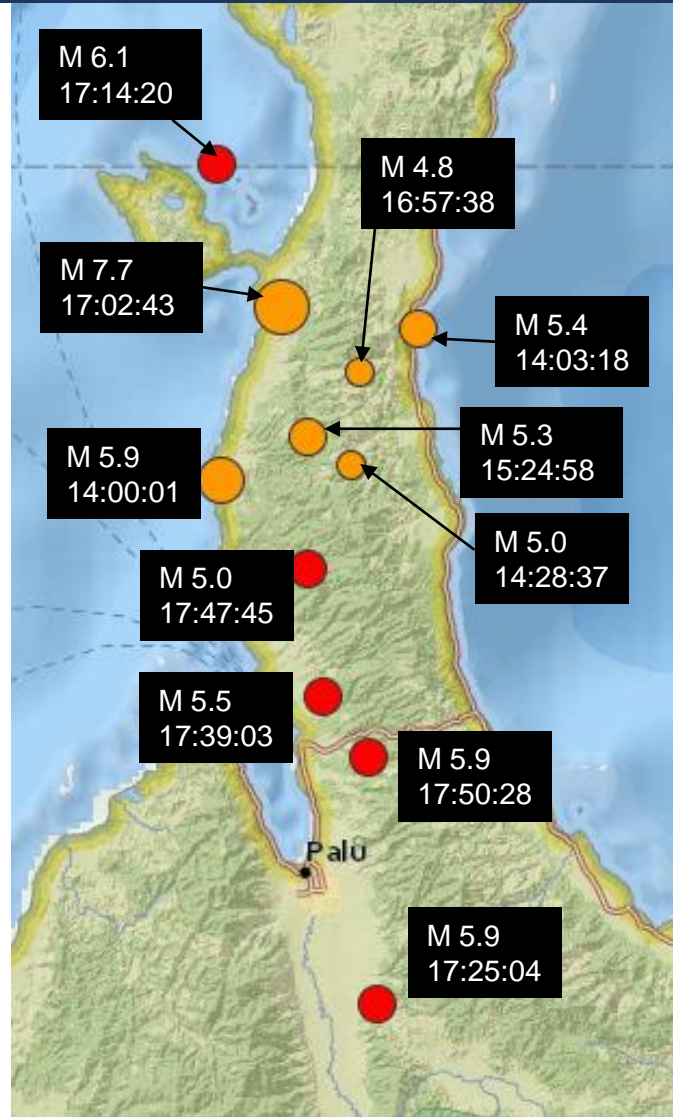
BMKG ShakeMap : Minahassa Peninsula, Sulawesi
SEP 28, 2018 17:02:44 WIB, M:7.7, 0.18S 119.85E, Depth:10km, ID:20180928170738



Map Version 1 Processed Fri Sep 28, 2018 17:08:13 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)



- 1) A series of earthquakes along the fault line was recorded since 2pm today (28 September 2018). The strongest one was a M 7.7. on 17:02 UTC+7 with epicenter located at 7.7 South & 119.85 East, at a depth of 10 km.
- 2) In general, the moderate intensity of the earthquake was felt for 2-10 seconds. The earthquake was felt several times due to aftershocks. M 7.7 earthquake also triggered tsunami warning from the Indonesian Tsunami Early Warning System ([BMKG-InaTEWS](#)), which was elevated on 17:39 UTC+7 (see page 2 for details). BMKG's model suggests the tsunami height is around 1.5 meters ([BMKG](#)). **WATCH warning and evacuation order was released for coastal residents in northern part of Donggala Regency, Palu City, and northern part of Mamuju Regency (BNPB).**
- 3) Maximum affected population is expected around **1.7 million** due to exposure to intensity V-VIII MMI in Palu, Donggala, Mamuju and Parigi Moutong city/regencies ([DMRS](#)). In Donggala Regency, around 310,000 people were exposed to MMI V-VII and in nearby major city of Palu (to the south) at maximum around 350,000 people were affected.
- 4) The BNPB Command Post has confirmed with the BPBD of Donggala Regency regarding the impact of the earthquake. The earthquake was felt in Donggala Regency, Palu City and Parigi Moutong Regency.
- 5) The earthquake was felt very hard in Sirenja Subdistrict, Donggala Regency as it was close to the epicenter. Some houses collapsed and were damaged by the earthquake.
- 6) Based on initial data from the BPBD of Donggala Regency, 1 person died, 10 people were injured and dozens of houses were damaged. Evacuation is still carried out by officers.
- 7) Data collection and emergency management of the situation are still being carried out.
- 8) AHA Centre is monitoring the situation and will provide more updates once information is available.

DATA SOURCES

ASEAN Disaster Monitoring & Response System (DMRS); Indonesia: BNPB, BPBD Bali, BPBD West Nusa Tenggara, BMKG, PVMBC-ESDM; Pacific Disaster Center (PDC Global); US Geological Services (USGS);

DISCLAIMER

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Friday
28 Sep 2018
21:00 UTC+7

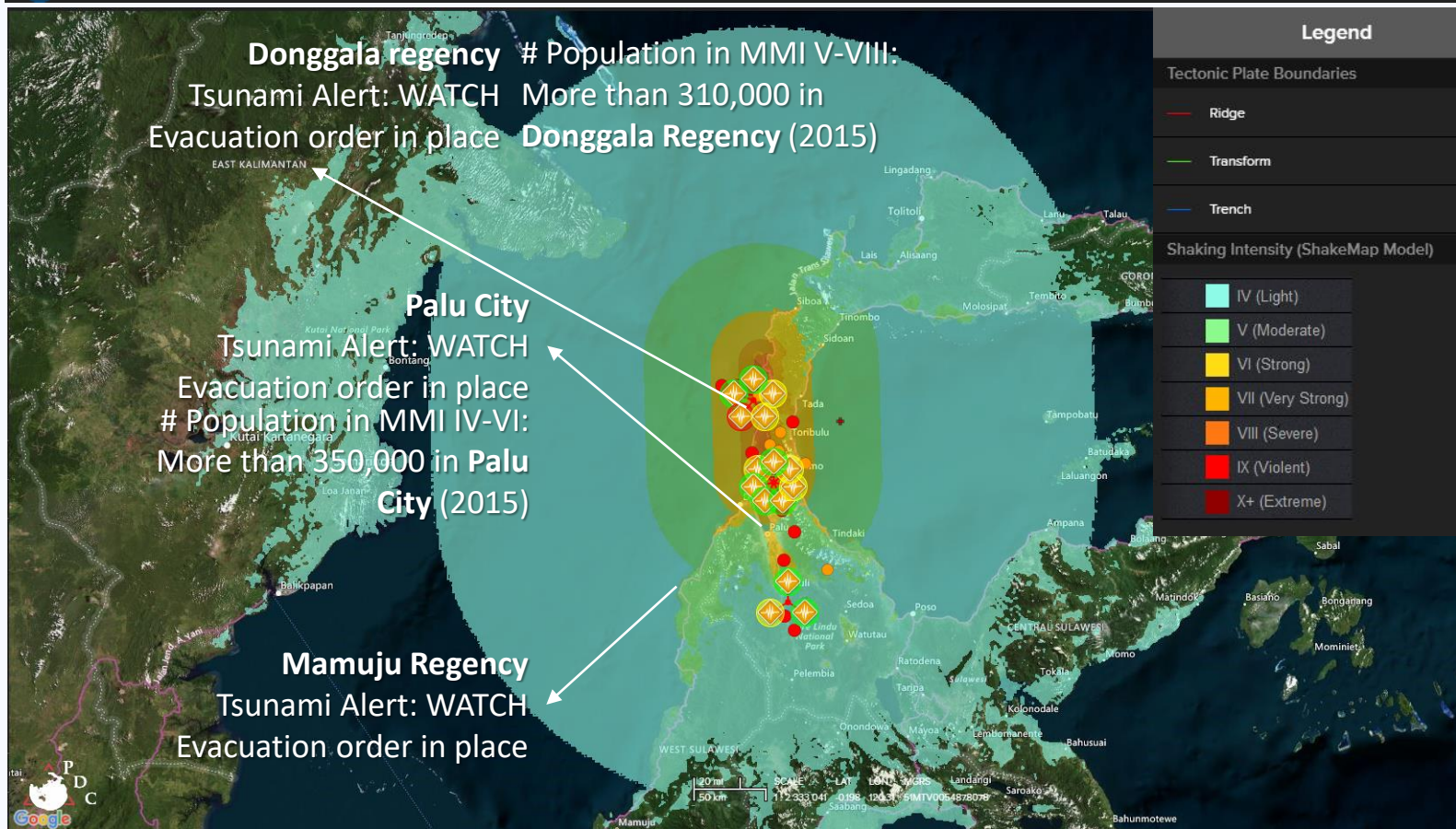
M 7.4 Earthquake Minahassa Peninsula Sulawesi, Indonesia Flash Update 01 (Revised)



ONE ASEAN ONE RESPONSE

DMRS
DisasterAWARE™ 6.3.4 b183

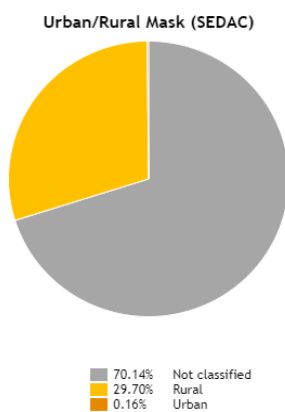
UTC	WASHINGTON	HONOLULU	TOKYO	SYDNEY	LONDON
11:38	07:38	01:38	20:38	21:38	12:38
SEP 28, 2018	SEP 28, 2018	SEP 28, 2018	SEP 28, 2018	SEP 28, 2018	SEP 28, 2018



SITUATIONAL AWARENESS

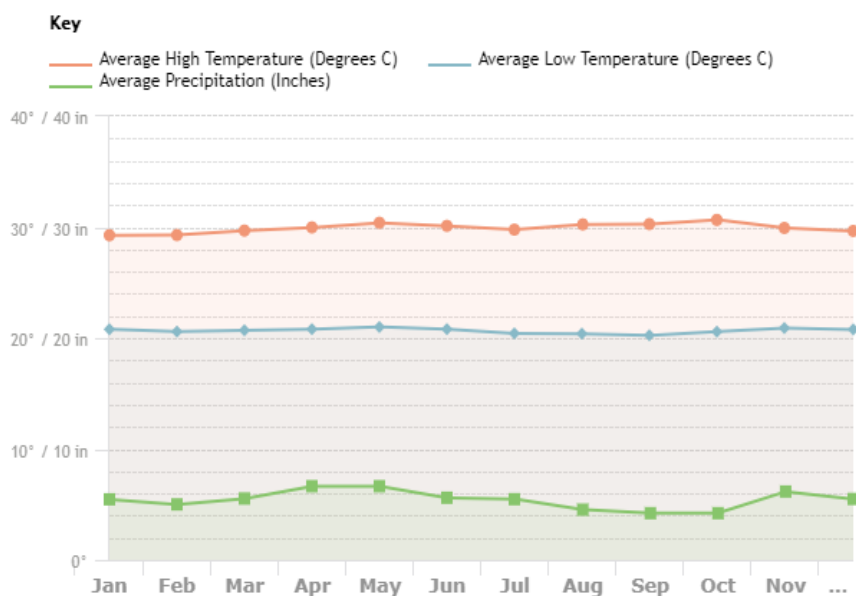
- Land cover & land use of exposed area (below)
- Temperature & precipitation (right)

Land Cover & Land Use:



Land Cover (MODIS IGBP)

Temperature & Precipitation:



Source: [Temperature, Precipitation](#)

DATA SOURCES
ASEAN Disaster Monitoring & Response System (DMRS); Indonesia: BNPB, BPBD Bali, BPBD West Nusa Tenggara, BMKG, PVMBG-ESDM; Pacific Disaster Center (PDC Global); US Geological Services (USGS); Various news agencies

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