

BREAKING NEWS
Emergency Communication
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IARU Region III
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Tsunami hits Indonesia's Palu

Central earthquake of the Indonesian of Sulawesi, bringing a strong hit that hit coastal cities

18:00 GMT: Tsunami waves of up to 3m high sweep away several buildings not long after authorities lift tsunami warning



Source: BNPB Newsticker
 ORARI HQ
 YBØAZ
 Editor: Halim Dani (YB2TJV)
 Disaster Communication Coordinator
 IARU Region 3



BNPB as National Disaster Management Council, Head of Information Data and Public Relations Sutopo Purwo Nugroho explained the chronology of the earthquake and tsunami in Central Sulawesi which killed at least 384 people and injured thousands people.

The earthquake initially occurred at 2:00 p.m. with a magnitude 6 richter scale that shook Donggala for 10 kilometers. The earthquake left one person dead and 10 injured.

Before long, there was a bigger aftershock with 7.7 richter scale and then revised 7.4 SR into 10 km. "The epicenter was in the Palu - Koro fault line," Sutopo said at a press conference on Saturday (29/9).

See also: 10 Urgent Needs for Handling Central Sulawesi Earthquakes

Sutopo said the quake was a shallow earthquake but because it occurred in the Palu-Koro fault line potentially triggering a Tsunami.

At 17.02 WIB, Sutopo said, BMKG issued a tsunami warning with alert and alert status.

"Meaning of standby status, the height of the tsunami has the potential of a tsunami of 0.5 - 3 meters for the western coast of Donggala. While the alert is less tended the tsunami early warning, has half a meter for the northern coast of Donggala, North Mamuju and western Palu," he said.

The tsunami hit Palu and Donggala with a height of 0.5 to 3 meters. The area is known as an area with a fairly dense settlement. In addition, there are also many people who work on the beach.

"During the Tsunami warning, many did not evacuate," he said.



When the Tsunami warning was issued, Sutopo said it was still preparing a statement for public notification. However, 34 minutes later since the Tsunami warning was issued, BMKG

For Donggala Regency with an intensity of 0-0 mmi, it is estimated that there will be many victims. A number of sub-districts such as Balai Sam Tanjung, South Banawa, Central Banawa, Dampelas, Labuan, Sine, Sine Tobata, Sine Tabu Tambora, Sirena, Soyol and Topea Land suffered massive damage.

However, BNPB has not received information because of the power failure in the area.

While in Palu City is estimated to have a wide impact such as in several districts such as Manti Kulere, West Palu, South Palu, East Palu, North Palu, Tatana, Tawaili and Ulujadi.

Two Alleged Tsunami Causes

Sutopo said his party had requested opinions from a number of experts related to the tsunami event. There are at least two alleged causes of the Tsunami.

The first suspicion is that a tsunami that was high enough to hit Palu Bay was caused by an ocean bottom sediment avalanche at a depth of 200-300 meters. Many rivers flow into Palu Bay by carrying sediments deposited on the sea floor.

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The Involvement of ORARI

ORGANISASI AMATIR RADIO INDONESIA

As it happened, the earthquake at magnitude 7.7 MMI, which was later corrected by the Indonesian Meteorology and Geophysical Agency to 7.4 MMI, has occurred on Friday September 20 at 17:02 Local Time (11:02 am UTC), which also caused tsunami waves and hit Donggala and Palu.

Electricity, Cellular and all communication facilities at the location are cut off.

From the Luwuk Disaster Management Agency located 700 km from the epicenter of the Earthquake, we began communicating with YØB8MI and YCØ8ØM, which informed that landslides occurred in the land lane and all communication access was cut off.

The Orari HQ immediately establishes Emergency Freitas for Palu earthquakes at 7,110 MHz and activates the Lapan A2-Orari IO-86 satellite as a back up, that can connected Jakarta and Palu

Many photos and videos circulating on social media, show the enormity of the earthquake. From last night we waited to be able to communicate with YBØNT and YBØPR in Palu, using a mobile station.

At this time for the emergency station YBØNT communicates at 7.065 MHz due to the propagation factor at 7.110 MHz which is full or QRM.

With this bulletin, we request all networks on IARU Region 3, for Orari to use emergency frequency on 7.110 MHz and 7.065 MHz to keep clear.

This earthquake is could be worse than in Lombok in the end of last August, said official.

Airport is temporary closed yesterday, until reconstruction by the Indonesian Army, and this morning September 29th, the airport has been opened for humanity aids and volunteer only

Satellite Lapan A2-ORARI IO-86 as a wide area repeater



The earthquake caused a tsunami to sweep into Palu



Keep clear on 7.110 and 7.065 MHz for Emcomm in Palu