

An earthquake with a preliminary 5.6 magnitude shakes Indonesia's capital. No reports of casualties

February 25 2024



Credit: Unsplash/CC0 Public Domain

A moderately strong earthquake late Sunday shook parts of Indonesia's main island of Java and the country's capital. There were no immediate



reports of damage or injuries.

The U.S. Geological Survey said that the shallow quake had a preliminary magnitude of 5.6 and that it occurred 37.2 kilometers (23.11 miles) below the surface. The epicenter was 80 kilometers (29 miles) west-southwest of Pelabuhanratu, a coastal town in West Java province.

Indonesia's Meteorology, Climatology and Geophysical Agency measured its preliminary magnitude at 5.7, and at a depth of 10 kilometers (6.2 miles). Variations in early measurements of quakes are common.

The quake was strongly felt in several cities and villages and caused some to panic, said Daryono, who heads the Earthquake and Tsunami Center at the agency.

Daryono, who like many Indonesians goes by a single name, said there was no danger of a tsunami, but warned of possible aftershocks.

High-rises in Jakarta, the capital, swayed for several seconds, even twostory homes shook strongly in West Java provincial capital Bandung, and in Jakarta's satellite cities of Bogor and Bekasi.

Earthquakes occur frequently across the sprawling archipelago nation, but it's uncommon for them to be felt in Jakarta.

Indonesia, a seismically active archipelago of 270 million people, is prone to seismic upheaval because of its location on major geological faults known as the Pacific "Ring of Fire."

A magnitude 5.6 <u>earthquake</u> last year killed at least 602 people in West Java's Cianjur city. It was the deadliest in Indonesia since a 2018 quake and tsunami in Sulawesi killed more than 4,300 people.



In 2004, an extremely powerful Indian Ocean quake set off a <u>tsunami</u> that killed more than 230,000 people in a dozen countries, most of them in Indonesia's Aceh province.

© 2024 The Associated Press. All rights reserved. This material may not be published, broadcast, rewritten or redistributed without permission.

Citation: An earthquake with a preliminary 5.6 magnitude shakes Indonesia's capital. No reports of casualties (2024, February 25) retrieved 12 May 2024 from https://phys.org/news/2024-02-earthquake-preliminary-magnitude-indonesia-capital.html

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.