

Magnitude 6.8 - KEPULAUAN MENTAWAI REGION, INDONESIA

2005 April 10 10:29:13 UTC

Preliminary Earthquake Report

U.S. Geological Survey, National Earthquake Information Center
World Data Center for Seismology, Denver

A strong earthquake occurred at 10:29:13 (UTC) on Sunday, April 10, 2005. The magnitude 6.8 event has been located in the KEPULAUAN MENTAWAI REGION, INDONESIA. (This event has been reviewed by a seismologist.)

Magnitude 6.8

Date-Time **Sunday, April 10, 2005 at 10:29:13 (UTC)**
= Coordinated Universal Time
Sunday, April 10, 2005 at 5:29:13 PM
= local time at epicenter
Time of Earthquake in other Time Zones

Location 1.618°S, 99.563°E

Depth 30 km (18.6 miles) set by location program

Region **KEPULAUAN MENTAWAI REGION,
INDONESIA**

Distances

115 km (70 miles) SW of **Padang, Sumatra, Indonesia**

315 km (195 miles) SW of **Pekanbaru, Sumatra, Indonesia**

575 km (360 miles) SSW of **KUALA LUMPUR, Malaysia**

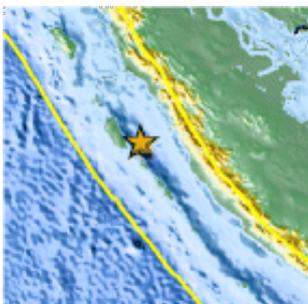
945 km (580 miles) WNW of **JAKARTA, Java, Indonesia**

Location Uncertainty horizontal +/- 9.9 km (6.2 miles); depth fixed by location program

Parameters Nst=158, Nph=158, Dmin=>999 km,
Rmss=1.24 sec, Gp= 32°,
M-type=moment magnitude (Mw), Version=6

Source USGS NEIC (WDCS-D)

Event ID uswsap



News Release

Location Maps: 10-degree NEIC Maps

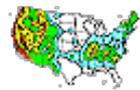
Did you feel it?

Report shaking and damage at your location. You can also view a map displaying accumulated data from your report and others.



NEIC Moment Tensor Solution

Historical Moment Tensor Solutions



Seismic Hazard Map

Historical Seismicity

Theoretical P-Wave Travel Times

Phase Data

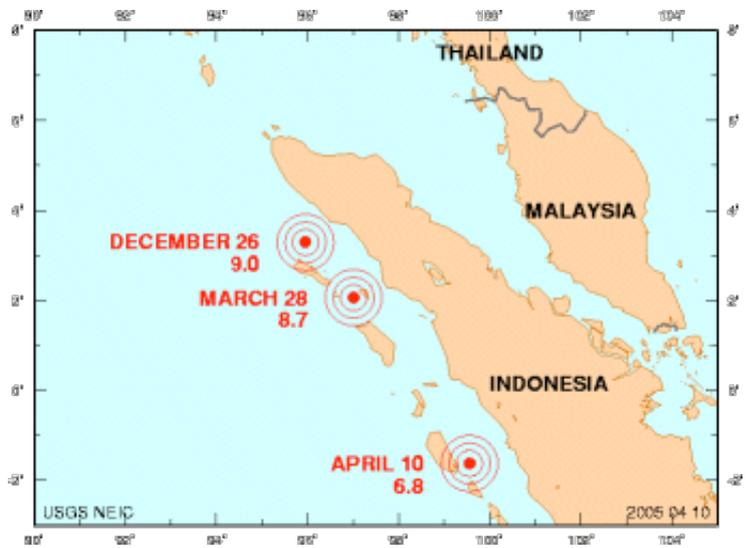
Seismic Record Section

Earthquake Density Maps

Earthquake Information for ASIA

Earthquake Information for INDONESIA

Archive of newsworthy events



Tsunami Information

- **West Coast & Alaska Tsunami Warning Center**
Latest Tsunami Bulletin
- **Pacific Tsunami Warning Center**
Latest Tsunami Bulletin

The earthquake locations and magnitudes cited in these bulletins are very preliminary, and may disagree with the more accurate USGS locations and magnitudes computed using more extensive data sets.

- **Recent Tsunamis**
- **Tsunami Information Links**

News Links

Sumatra shaken by new earthquake

Earthquake strikes near Sumatra

For more information, go to <http://neic.usgs.gov/> || **Contacts**

Back to: [World map](#) | [USA map](#)

The official magnitude for this earthquake is indicated at the top of this page. This was the best available estimate of the earthquake's size, at the time that this page was created. Other magnitudes associated with web pages linked from here are those determined at various times following the earthquake with different types of seismic data. Although, given the data used, they are legitimate estimates of magnitude, they are not considered the official magnitude.

FAQ about Earthquakes | Earthquake Preparedness

The USGS Earthquake Hazards Program (EHP) of the U.S. Geological Survey (USGS) is part of the National Earthquake Hazards Reduction Program (NEHRP) led by the **Federal Emergency Management Agency (FEMA)**.

U.S. Department of the Interior, U.S. Geological Survey

This page is brought to you by the Earthquake Hazards Program

URL: <http://earthquake.usgs.gov/recenteqsww/Quakes/uswsap.htm>

Maintained by: Web Team

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