

Magnitude 6.4 - KEPULAUAN MENTAWAI REGION, INDONESIA

2005 April 10 17:24:39 UTC

Preliminary Earthquake Report

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

A strong earthquake occurred at 17:24:39 (UTC) on Sunday, April 10, 2005. The magnitude 6.4 event has been located in the KEPULAUAN MENTAWAI REGION, INDONESIA. (This event has been reviewed by a seismologist.)

Magnitude 6.4

Date-Time **Sunday, April 10, 2005 at 17:24:39 (UTC)**
= Coordinated Universal Time
Monday, April 11, 2005 at 12:24:39 AM
= local time at epicenter
Time of Earthquake in other Time Zones

Location 1.597°S, 99.694°E

Depth 30 km (18.6 miles) set by location program

Region **KEPULAUAN MENTAWAI REGION,
INDONESIA**

Distances

100 km (65 miles) SW of **Padang, Sumatra, Indonesia**

305 km (190 miles) SW of **Pekanbaru, Sumatra, Indonesia**

570 km (355 miles) SSW of **KUALA LUMPUR, Malaysia**

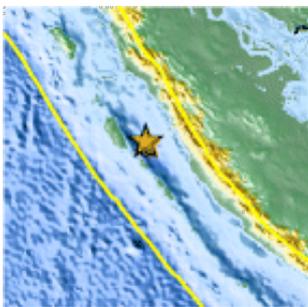
930 km (580 miles) WNW of **JAKARTA, Java, Indonesia**

Location Uncertainty horizontal +/- 7.6 km (4.7 miles); depth fixed by location program

Parameters Nst=132, Nph=132, Dmin=768 km, Rmss=1.03 sec, Gp= 40°,
M-type=moment magnitude (Mw), Version=8

Source USGS NEIC (WDCS-D)

Event ID uswsbi



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

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.

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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).

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