OCHA Regional Office for Asia Pacific

INDONESIA: Natural Hazard Risks

Issued: 15 February 2007

Seismic, Volcanic and Tropical Storm Risk

Banda Aceh
ACEH
Medan
SUMATERA UTARA
Kuala Lumpur
Singapore
RIAU
SUMATERA BARAT
Padang
JAMBI
BENGKULU
Palembang
SUMATERA SELATAN
LAMPUNG
Jakarta
Bandung
JAWA BARAT
JAWA TENGAH
Yogyakarta
Semarang
Surabaja
JAWA TIMUR
BALI
NUSA TENGGARA BARAT
NUSA TENGGARA TIMUR
Dili
Bandar Seri Begawan
KALIMANTAN BARAT
KALIMANTAN TIMUR
KALIMANTAN TENGAH
Balikpapan
KALIMANTAN SELATAN
Manado
SULAWESI UTARA
SULAWESI TENGAH
SULAWESI SELATAN
SULAWESI TENGGARA
MALUKU
WEST PAPUA

Storm Season: Oct to Apr
Peak month: February

0 250 500
Kilometers

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Datum: WGS84. Map data source: UN Cartographic Section, Global Discovery, Indonesia National Statistical Office, Smithsonian Institute, Pacific Disaster Center, UNISYS, Munich Reinsurance Group

Legend

- OCHA office or presence
- Country capital
- Major town or city
- International boundary
- Province boundary
- Holocene volcano

Earthquake Intensity Modified Mercalli Scale

- Degree I-V
- Degree VI
- Degree VII
- Degree VIII
- Degree IX-XII

Tropical Storm Intensity Saffir-Simpson Scale

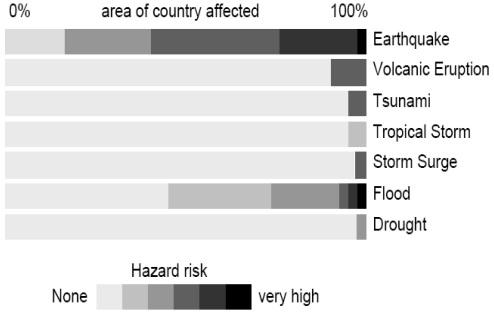
- One: 118-153 kmh
- Two: 154-177 kmh
- Three: 178-209 kmh
- Four: 210-249 kmh
- Five: 250+ kmh

Earthquake intensity zones indicate where there is a 20% probability that degrees of intensity shown on the map will be exceeded in 50 years.

Tropical storm intensity zones indicate where there is a 10% probability of a storm of this intensity striking in the next 10 years.

All Natural Hazard Risks

The bar chart below shows the degree of exposure to natural hazards and the percentage of area affected. Tsunamis and storm surges are a threat to coastal regions, particularly gulfs, bays, and estuaries. Flood hazard results from river floods and torrential rain. Drought is caused by major deviations from the normal amounts of precipitation. Frost hazard depends on elevation and latitude.



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The names shown and the designations used on this map do not imply official endorsement or acceptance by the United Nations

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