

M 5.5, NICOBAR ISLANDS, INDIA REGION

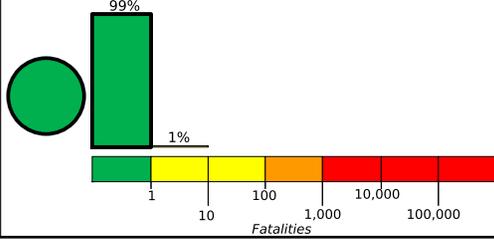
Origin Time: Mon 2015-11-09 08:12:46 UTC (08:12:46 local)

Location: 6.41°N 94.80°E Depth: 10 km

Created: 12 weeks, 3 days after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.



Estimated Economic Losses



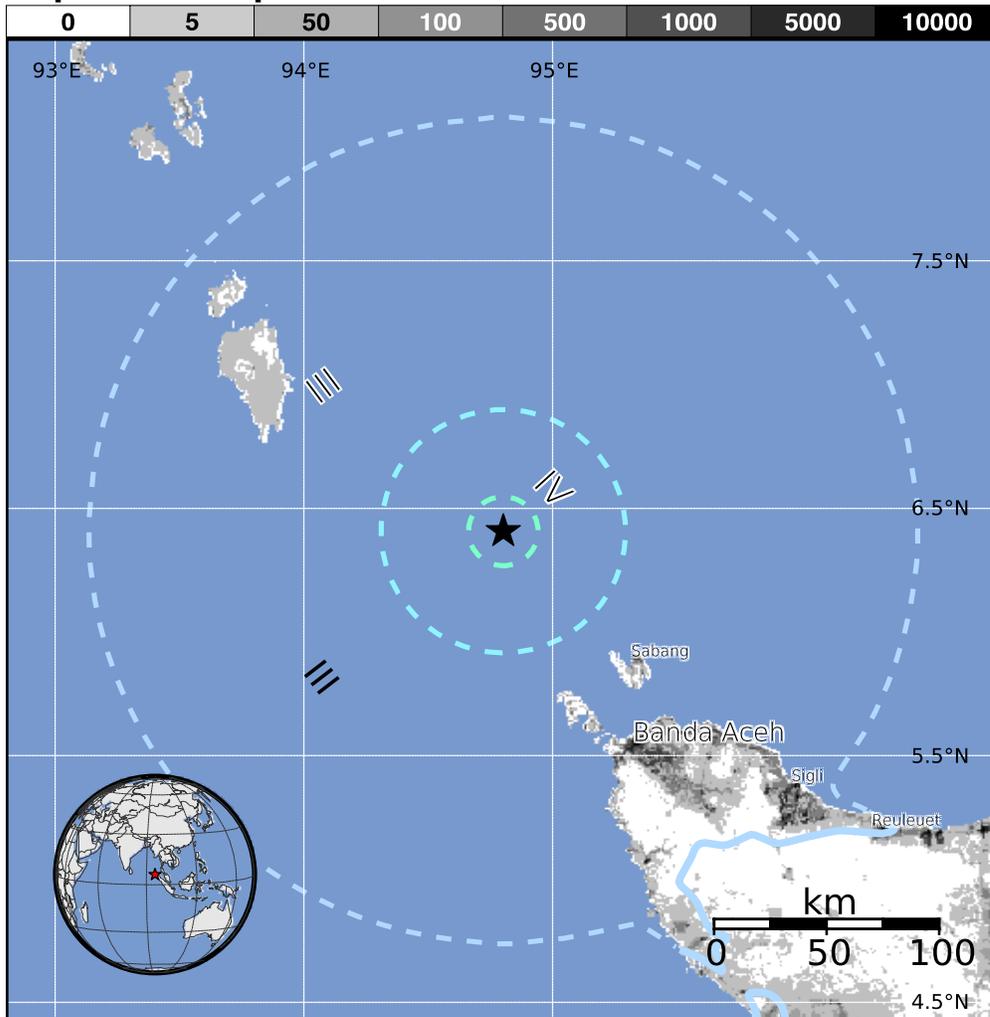
Estimated Population Exposed to Earthquake Shaking

| ESTIMATED POPULATION EXPOSURE (k = x1000) | --* | 2,013k | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|-----------------------|--------|-------|----------|----------|-------------|----------------|----------------|----------|
| ESTIMATED MODIFIED MERCALLI INTENSITY | I | II-III | IV | V | VI | VII | VIII | IX | X+ |
| PERCEIVED SHAKING | Not felt | Weak | Light | Moderate | Strong | Very Strong | Severe | Violent | Extreme |
| POTENTIAL DAMAGE | Resistant Structures | none | none | none | V. Light | Light | Moderate | Moderate/Heavy | Heavy |
| | Vulnerable Structures | none | none | none | Light | Moderate | Moderate/Heavy | Heavy | V. Heavy |

*Estimated exposure only includes population within the map area.

Population Exposure

population per ~1 sq. km from Landsat



Structures:

Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though some resistant structures exist.

Historical Earthquakes (with MMI levels):

| Date (UTC) | Dist. (km) | Mag. | Max MMI(#) | Shaking Deaths |
|------------|------------|------|------------|----------------|
| 1976-10-30 | 352 | 5.6 | V(302k) | 0 |
| 2004-12-26 | 365 | 9.0 | IX(237k) | 0 |
| 1990-11-15 | 393 | 6.7 | VIII(28k) | 1 |

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

| MMI City | Population |
|-----------------------|------------|
| III Banda Aceh | 251k |
| III Sabang | 25k |
| III Sigli | 18k |
| III Bireun | 26k |
| III Reuleuet | 40k |

bold cities appear on map

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage.

Limitations of input data, shaking estimates, and loss models may add uncertainty.

<http://earthquake.usgs.gov/earthquakes/eventpage/us10003vxc>

Event ID: us10003vxc