

# M 5.6, SERAM, INDONESIA

Origin Time: Sat 2008-09-13 00:04:04 UTC

Location: 3.77°S 128.94°E Depth: 100 km

# PAGER Version 2

Created: 2 days, 14 hrs after earthquake

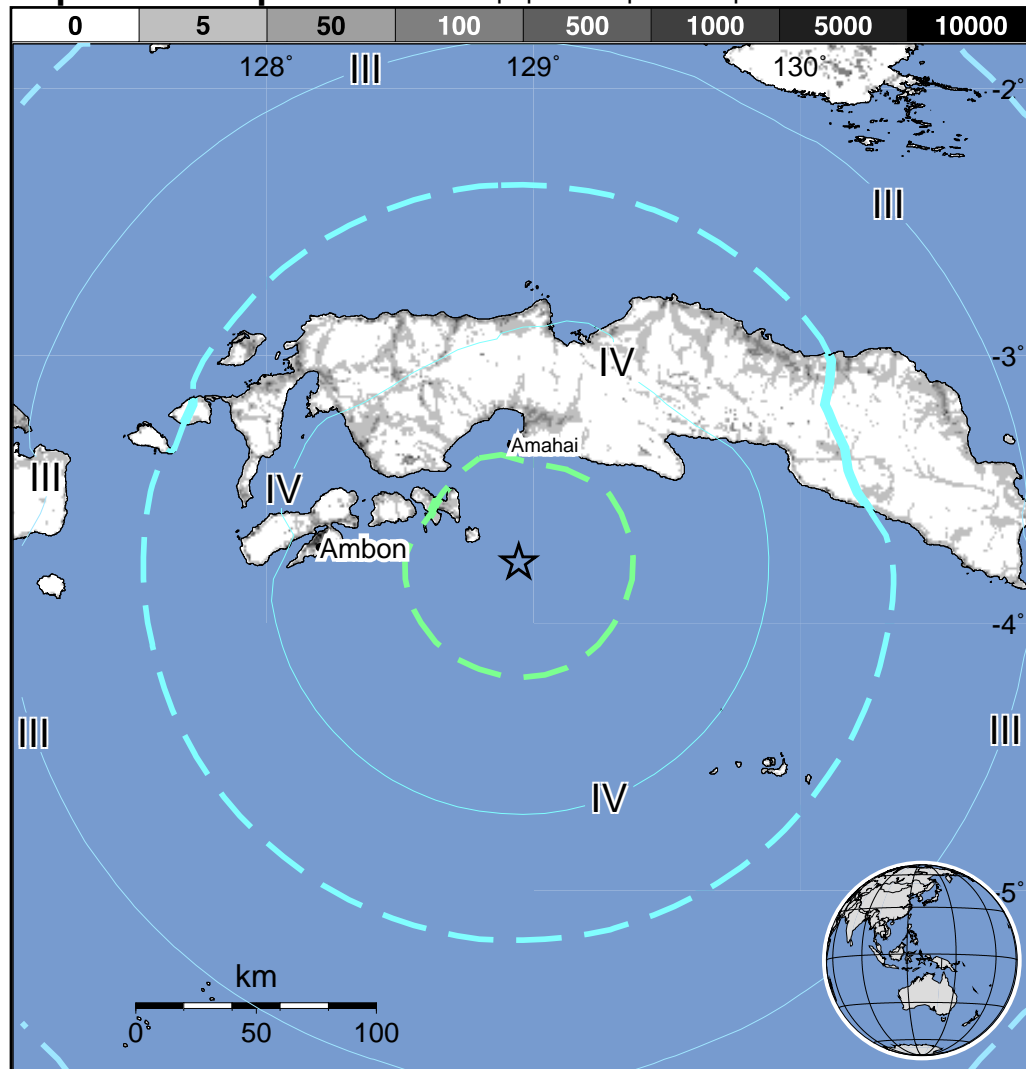
## Estimated Population Exposed to Earthquake Shaking

|   |                       |          |        |       |          |          |                |                |          |          |
|---|-----------------------|----------|--------|-------|----------|----------|----------------|----------------|----------|----------|
| ESTIMATED POPULATION EXPOSURE (k = x1000) |                       | --*      | 134k*  | 702k  | 30k      | 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    | V. Heavy |
|   | Vulnerable Structures | none     | none   | none  | Light    | Moderate | Moderate/Heavy | Heavy          | V. Heavy | V. Heavy |

\*Estimated exposure only includes population within the map area.

### Population Exposure

population per ~1 sq. km from Landscan 2006

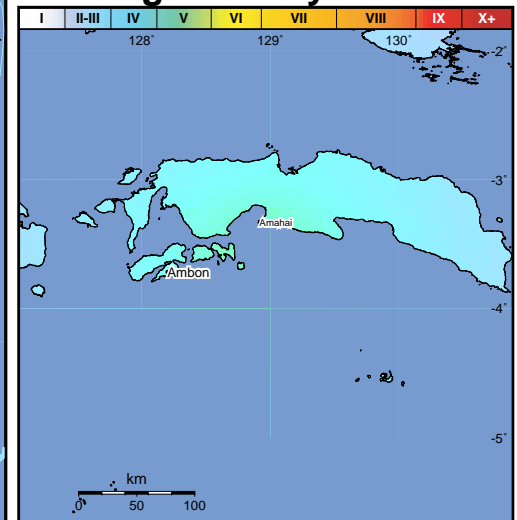


### Selected City Exposure

| MMI City         | Population  |
|------------------|-------------|
| <b>IV Amahai</b> | <b>47k</b>  |
| <b>IV Ambon</b>  | <b>355k</b> |

bold cities appear on map (k = x1000)

### Shaking Intensity



Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though some resistant structures exist. A magnitude 6.4 earthquake 316 km Northeast of this one struck Indonesia on October 13, 1994 (UTC), with estimated population exposures of 9,000 at intensity VII and 5,000 at intensity VI, with no reported fatalities. On March 14, 2006 (UTC), a magnitude 6.7 earthquake and tsunami 193 km Northeast of this one struck Indonesia, with estimated population exposures of 34,000 at intensity VIII and 194,000 at intensity VII, resulting in an estimated 3 fatalities. Recent earthquakes in this area have caused landslides that may have contributed to losses.

This information was automatically generated and has not been reviewed by a seismologist.

<http://earthquake.usgs.gov/pager>

Event ID: us2008wxac