

M 5.7, SOUTH OF TIMOR

Origin Time: Fri 2013-04-19 17:51:42 UTC (01:51:42 local)

Location: 11.94°S 121.66°E Depth: 18 km

Created: 4 weeks, 0 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

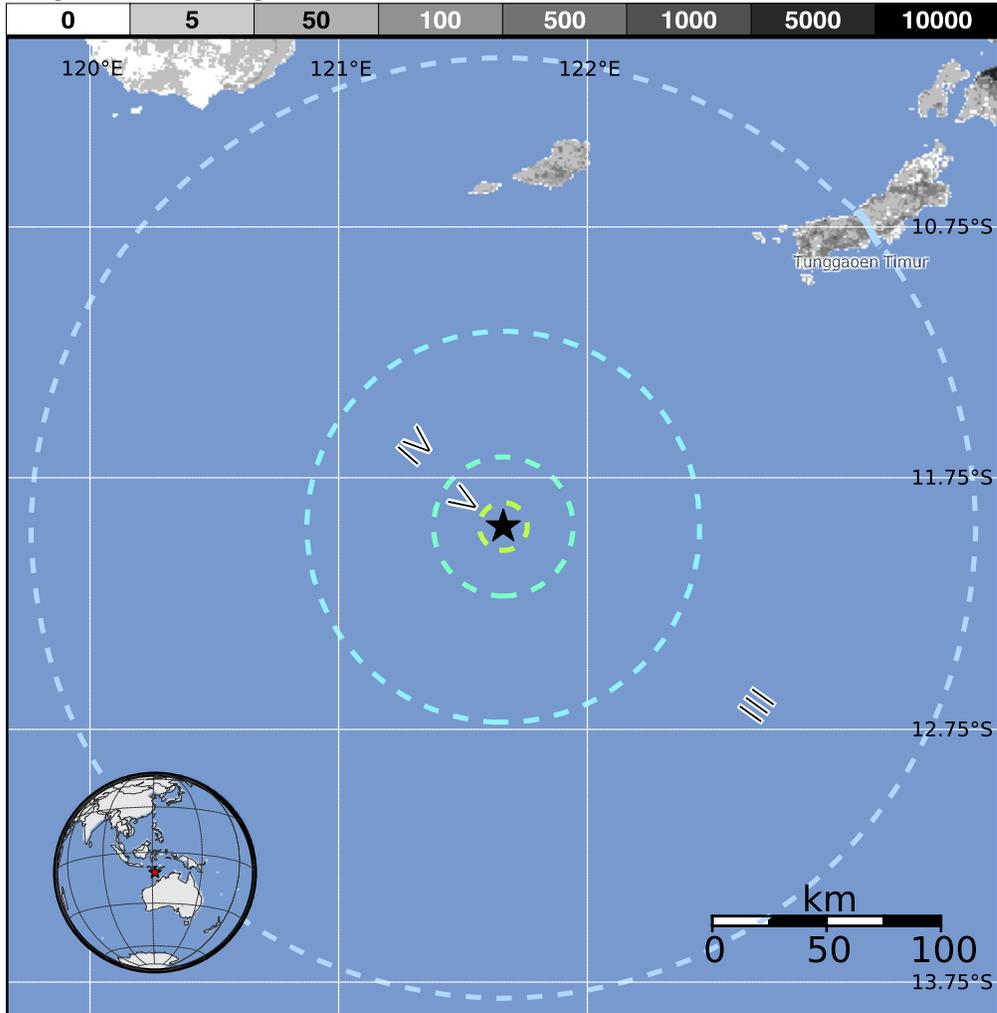


Estimated Population Exposed to Earthquake Shaking

| | | | | | | | | | | |
|---|-----------------------|----------|--------|-------|----------|----------|----------------|----------------|----------|----------|
| ESTIMATED POPULATION EXPOSURE (k = x1000) | | --* | 443k | 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 | 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



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 |
|------------|------------|------|------------|----------------|
| 1999-09-07 | 318 | 5.2 | IV(69k) | 0 |
| 1992-12-12 | 384 | 7.7 | VIII(13k) | 0 |
| 1975-07-30 | 326 | 6.1 | IX(233) | 0 |

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 Loboma | < 1k |
| III Bogi | < 1k |
| III Danirai | < 1k |
| III Raejeru | < 1k |
| III Maae | < 1k |
| III Lupe | < 1k |
| III Ledeuu | < 1k |
| III Ujudima | < 1k |
| III Para | < 1k |
| III Gelanalalu | < 1k |
| II Kupang | 282k |

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/pager>

Event ID: usb000gc0z