

M 5.6, NEW GUINEA, PAPUA NEW GUINEA

Origin Time: Mon 2014-07-28 23:00:48 UTC (09:00:48 local)

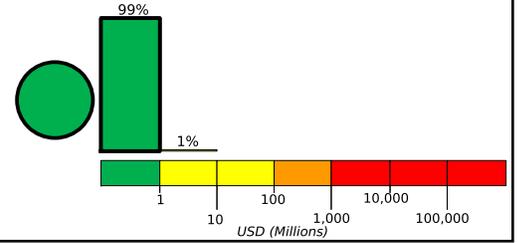
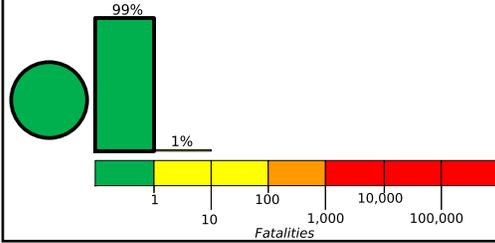
Location: 6.92°S 143.87°E Depth: 10 km

Created: 3 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

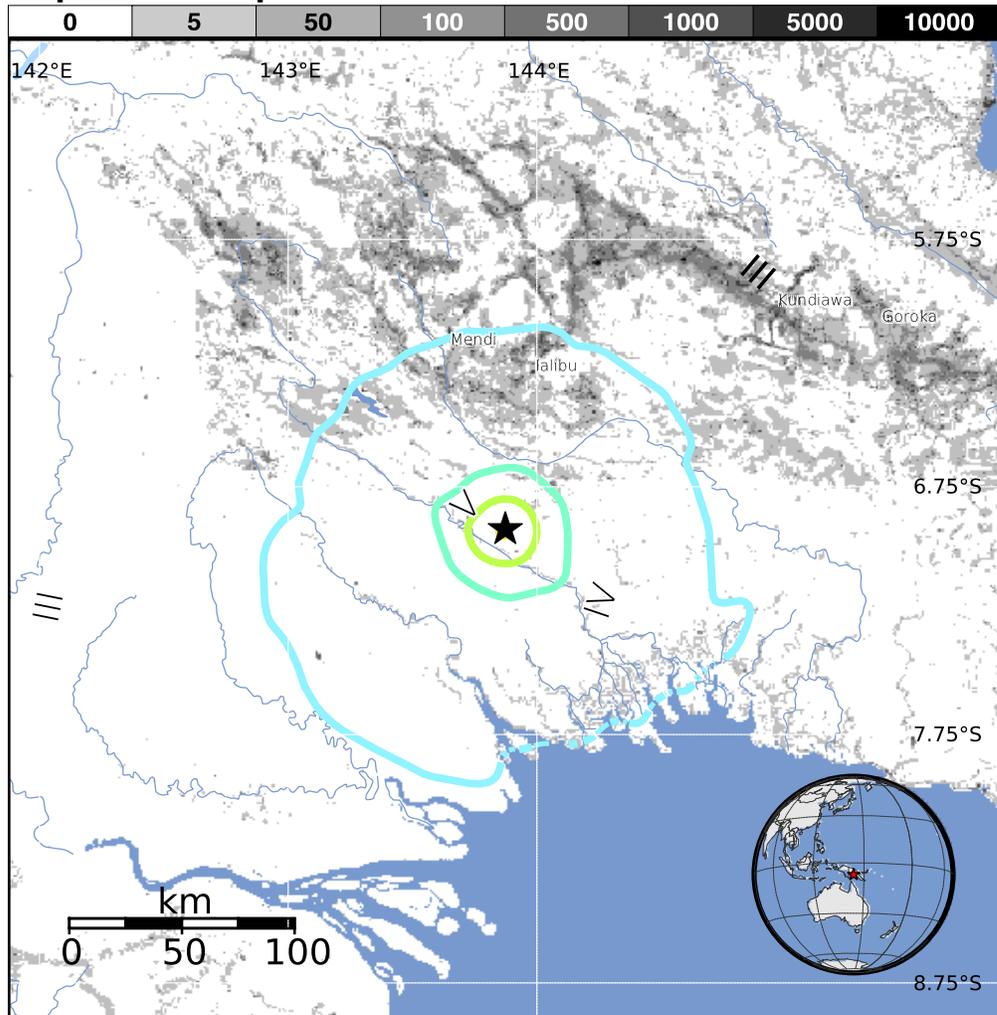


Estimated Population Exposed to Earthquake Shaking

| | | | | | | | | | | |
|---|-----------------------|----------|--------|-------|----------|----------|----------------|----------------|----------|----------|
| ESTIMATED POPULATION EXPOSURE (k = x1000) | | --* | 2,636k | 352k | 5k | 1k | 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 |
|------------|------------|------|------------|----------------|
| 1984-03-02 | 362 | 6.0 | VI(387) | 0 |
| 2005-06-04 | 335 | 6.1 | VII(27k) | 1 |
| 1993-10-16 | 292 | 6.3 | VII(75k) | 3 |

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 |
|-----------------|------------|
| IV Ialibu | 7k |
| III Mendi | 26k |
| III Mount Hagen | 34k |
| III Kundiawa | 9k |
| III Wabag | 4k |
| III Kainantu | 9k |
| III Goroka | 19k |
| III Porgera | 2k |
| III Madang | 27k |
| III Kerema | 6k |

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: usb000ry5u