

M 5.4, NEAR THE EAST COAST OF AUSTRALIA

Origin Time: Sat 2015-08-01 03:38:44 UTC (13:38:44 local)

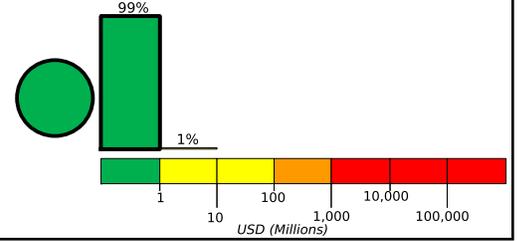
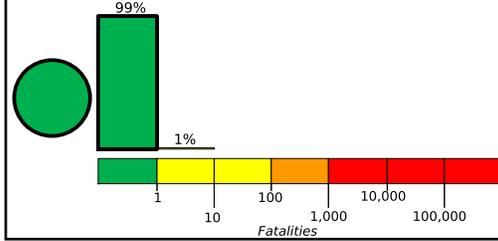
Location: 25.34°S 154.33°E Depth: 9 km

Created: 11 weeks, 6 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

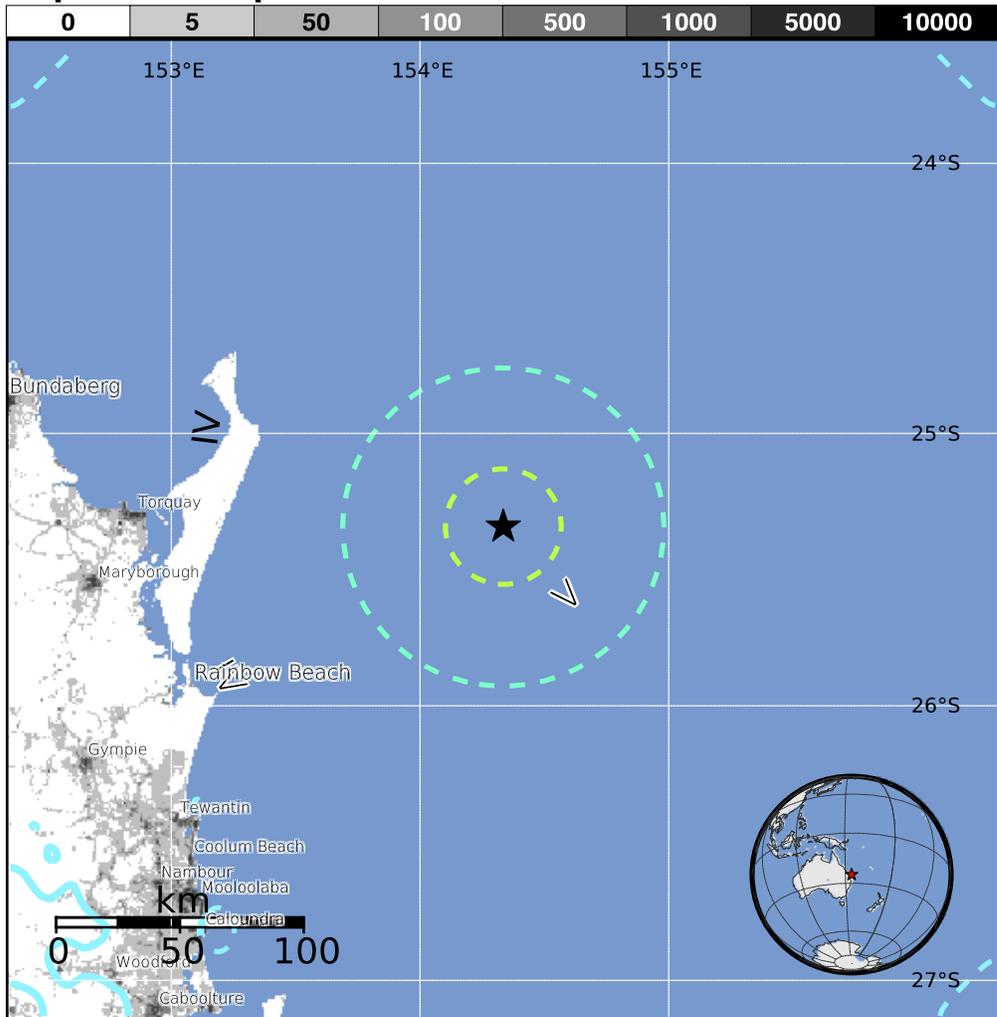


Estimated Population Exposed to Earthquake Shaking

| ESTIMATED POPULATION EXPOSURE (k = x1000) | --* | 37k* | 556k* | 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 resistant to earthquake shaking, though some vulnerable structures exist.

Historical Earthquakes (with MMI levels):

There were no earthquakes with significant population exposure to shaking within a 400 km radius of this event.

Selected City Exposure

from GeoNames.org

| MMI City | Population |
|-------------------------|------------|
| IV Maryborough | 21k |
| IV Tin Can Bay | 2k |
| IV Urangan | 8k |
| IV Rainbow Beach | 89k |
| IV Scarness | 3k |
| IV Thabeban | 3k |
| IV Bundaberg | 52k |
| IV Torquay | 48k |
| IV Mooloolaba | 45k |
| IV Caboolture | 21k |
| III Caloundra | 39k |

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: us10002x1x