

# M 5.7, QUEENSLAND, AUSTRALIA

Origin Time: Thu 2016-08-18 04:30:08 UTC (04:30:08 local)

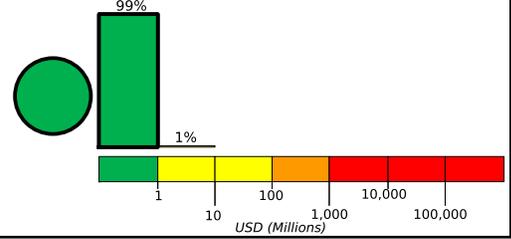
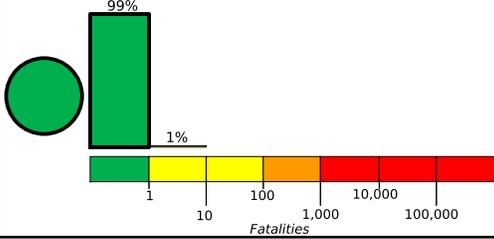
Location: 19.84°S 148.72°E Depth: 10 km

Created: 4 weeks, 2 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

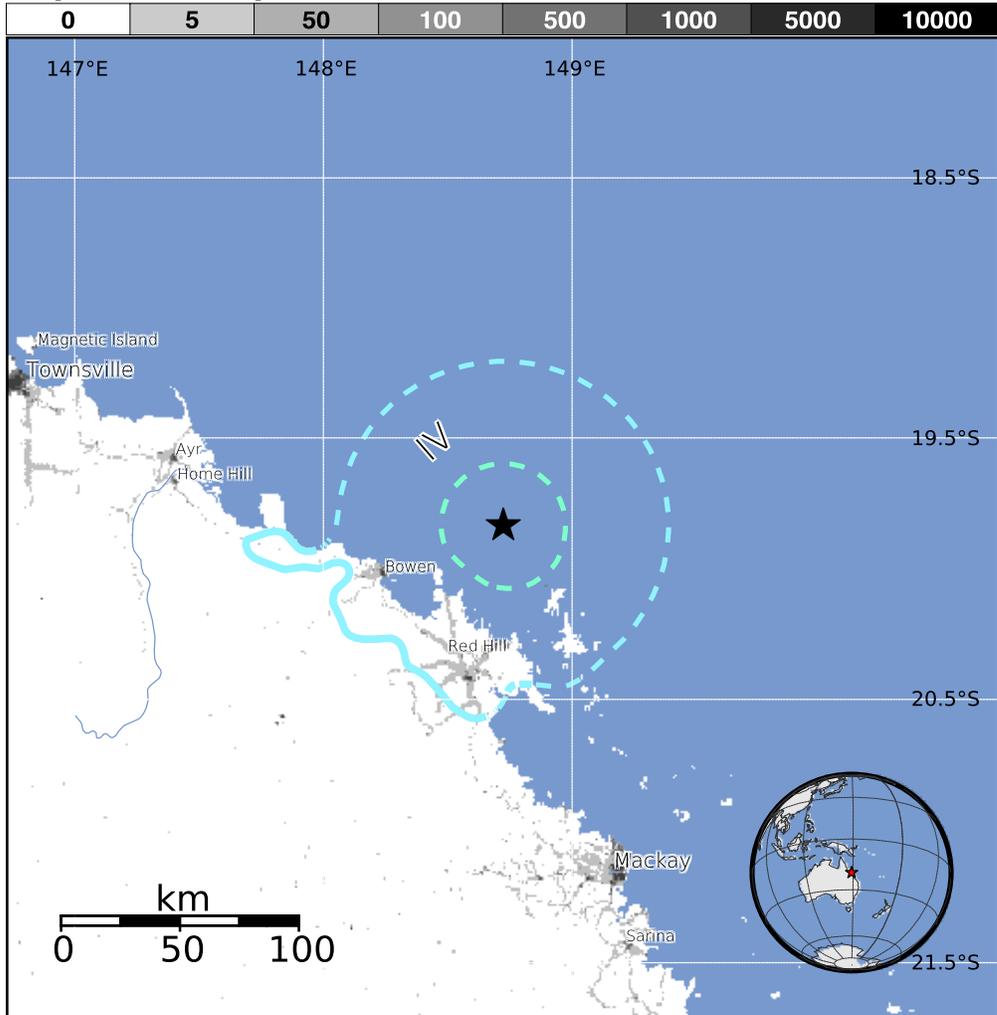


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		- -*	228k*	68k	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
<b>IV Red Hill</b>	<b>5k</b>
<b>IV Bowen</b>	<b>11k</b>
<b>IV Mackay</b>	<b>76k</b>
<b>III Home Hill</b>	<b>3k</b>
<b>III Ayr</b>	<b>9k</b>
<b>III Walkerston</b>	<b>3k</b>
<b>III Sarina</b>	<b>1k</b>
<b>III Townsville</b>	<b>139k</b>
<b>III Magnetic Island</b>	<b>2k</b>

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/us10006em9>

Event ID: us10006em9