

**M 6.6, NEW BRITAIN REGION, PAPUA NEW GUINEA**

Origin Time: Sun 2013-07-07 20:30:07 UTC (06:30:07 local)

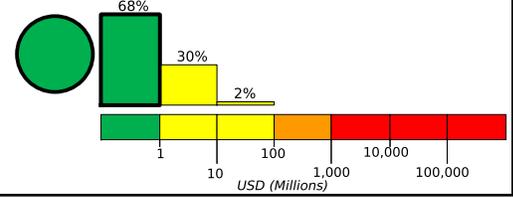
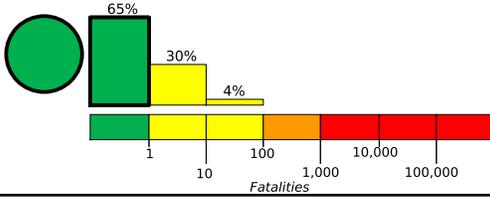
Location: 6.02°S 149.72°E Depth: 62 km

Created: 1 hour, 37 minutes 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**

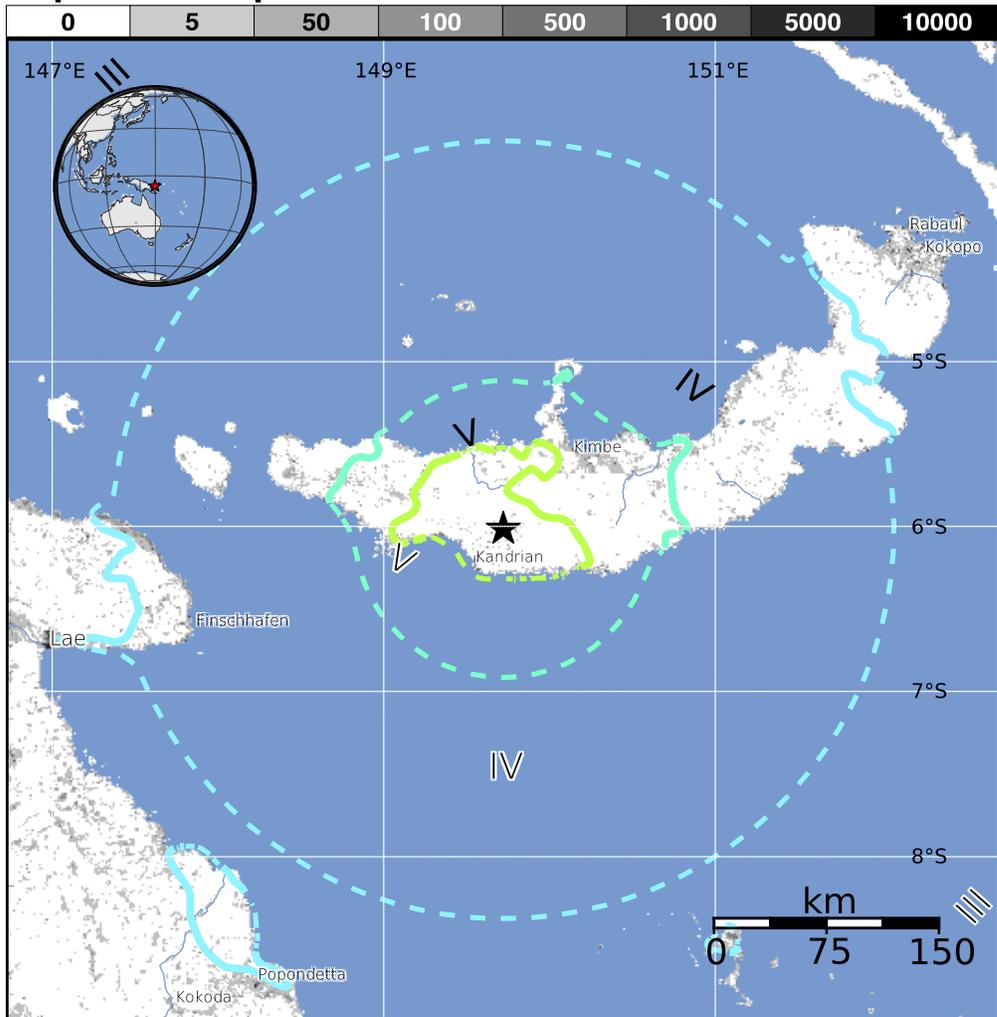


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)	- .*	483k*	388k	131k	47k	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
1987-03-16	235	5.5	VI(25k)	0
2005-06-04	324	6.1	VII(27k)	1
1983-12-21	246	6.2	VII(5k)	10

Recent earthquakes in this area have caused secondary hazards such as landslides and liquefaction that might have contributed to losses.

**Selected City Exposure**

from GeoNames.org

MMI City	Population
VI <b>Kandrian</b>	1k
V <b>Kimbe</b>	19k
IV <b>Finschhafen</b>	1k
IV <b>Lae</b>	76k
III <b>Popondetta</b>	28k
III <b>Kokopo</b>	26k
III <b>Kokoda</b>	6k
III <b>Namatanai</b>	1k
III <b>Rabaul</b>	8k

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>