

**M 6.8, NEW BRITAIN REGION, PAPUA NEW GUINEA**

Origin Time: Fri 2015-05-01 08:06:03 UTC (18:06:03 local)

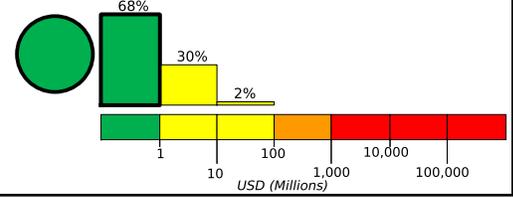
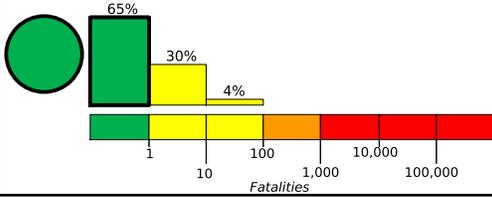
Location: 5.20°S 151.78°E Depth: 44 km

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**

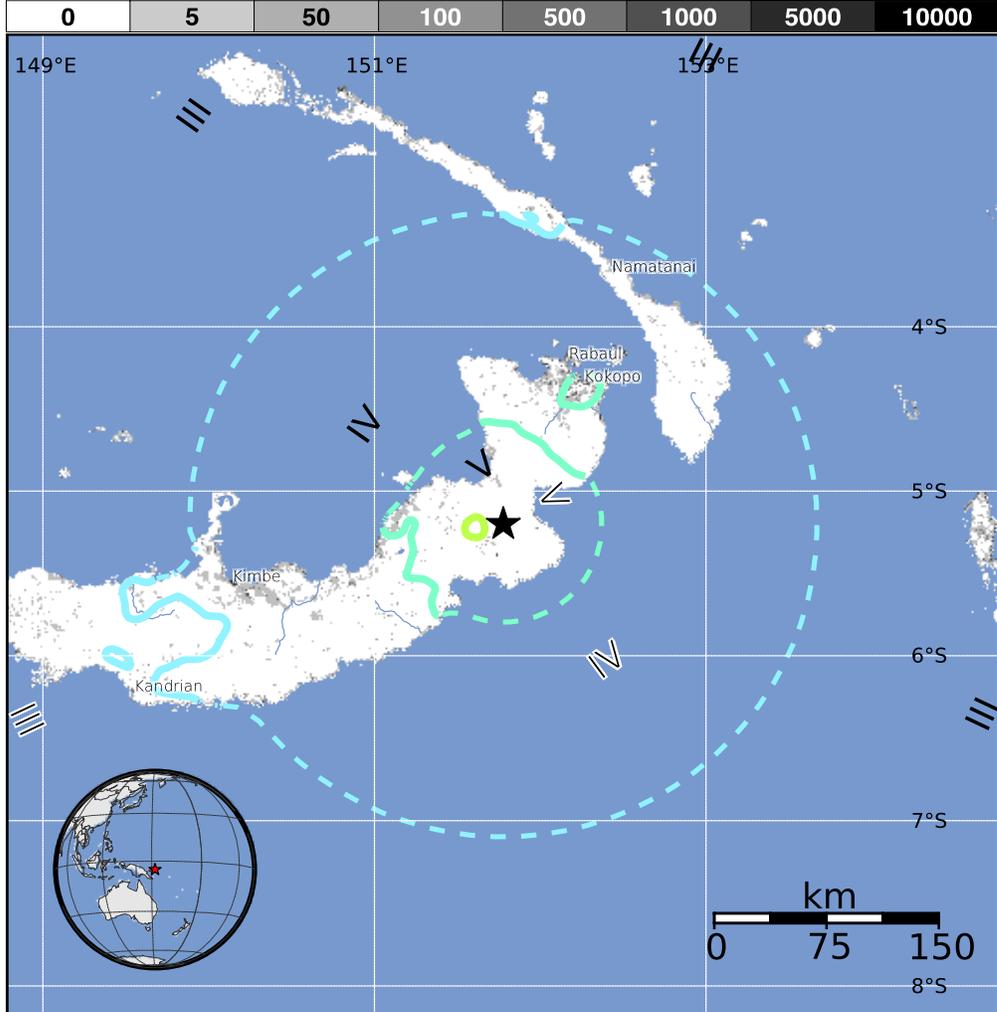


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)	- -*	242k*	314k	132k	2k	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
2003-01-10	221	6.6	VI(16k)	0
1985-05-10	89	7.2	VII(28k)	1
1983-12-21	29	6.2	VII(5k)	10

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

**Selected City Exposure**

from GeoNames.org

MMI	City	Population
V	<b>Kokopo</b>	26k
IV	<b>Rabaul</b>	8k
IV	<b>Namatanai</b>	1k
IV	<b>Kimbe</b>	19k
III	Kavieng	14k
III	<b>Kandrian</b>	1k

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: us20002am6