

**M 6.7, NEW IRELAND REGION, PAPUA NEW GUINEA**

Origin Time: Wed 2016-08-31 03:11:36 UTC (03:11:36 local)

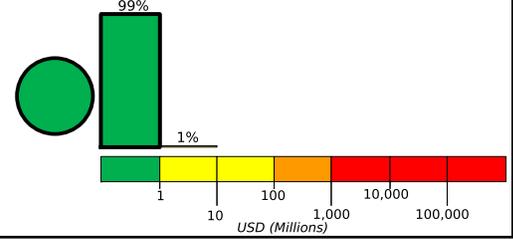
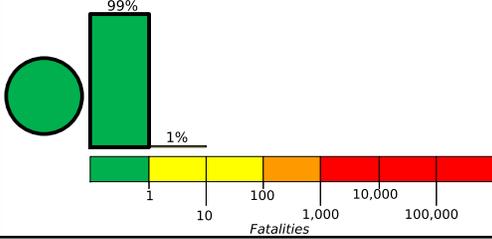
Location: 3.69°S 152.79°E Depth: 499 km

Created: 14 minutes, 16 seconds 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**



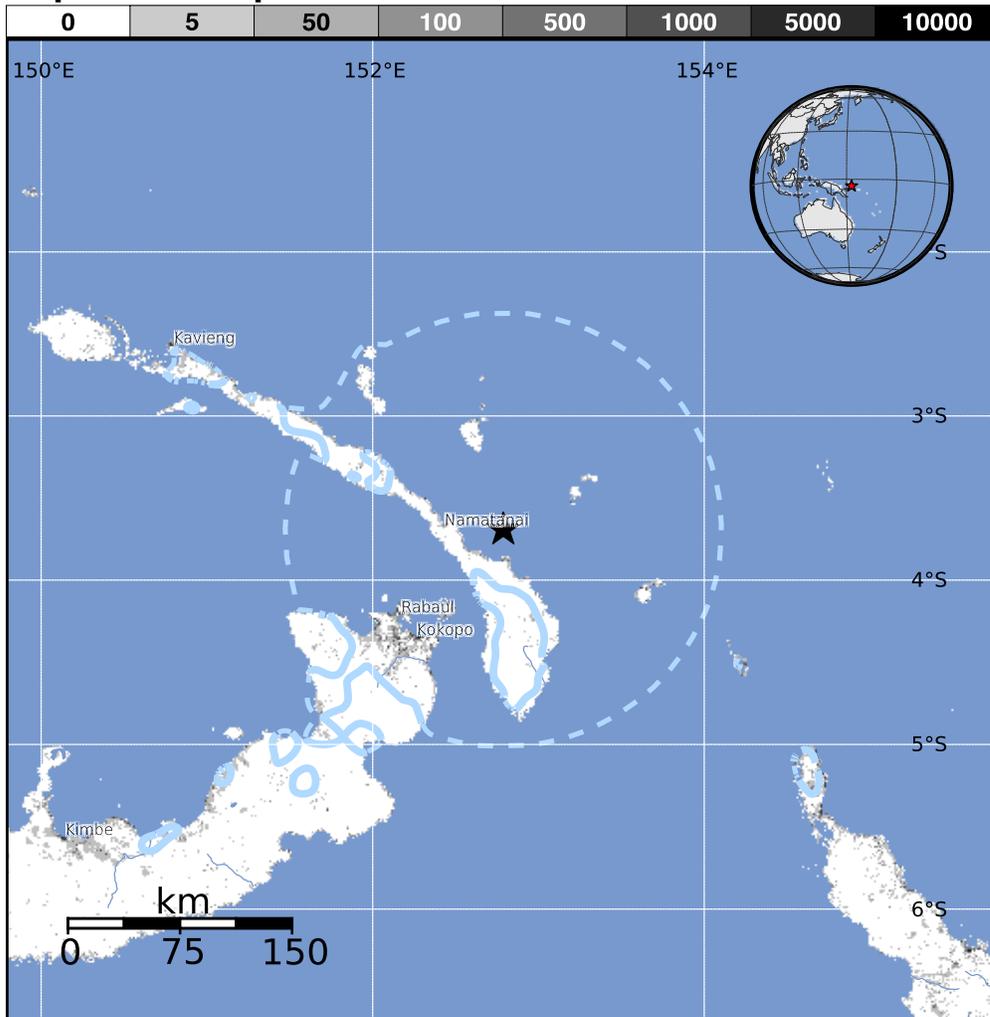
**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)	--*	767k	0	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
	Vulnerable Structures	none	none	none	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

**Population Exposure**

population per ~1 sq. km from Landsat



**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
1989-11-19	352	6.1	V(6k)	0
1985-05-10	285	7.2	VII(28k)	1
1983-12-21	219	6.2	VII(5k)	10

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
III	Kavieng	14k
III	Namatanai	1k
III	Kokopo	26k
III	Rabaul	8k
II	Kimbe	19k
II	Kieta	4k
II	Panguna	3k
II	Arawa	40k

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/us10006iy0>