

**M 5.3, EASTERN NEW GUINEA REG, PAPUA NEW GUINEA**

Origin Time: Fri 2015-05-15 10:30:34 UTC (20:30:34 local)

Location: 9.72°S 150.42°E Depth: 10 km



**PAGER**  
**Version 3**

Created: 5 weeks, 5 days after earthquake

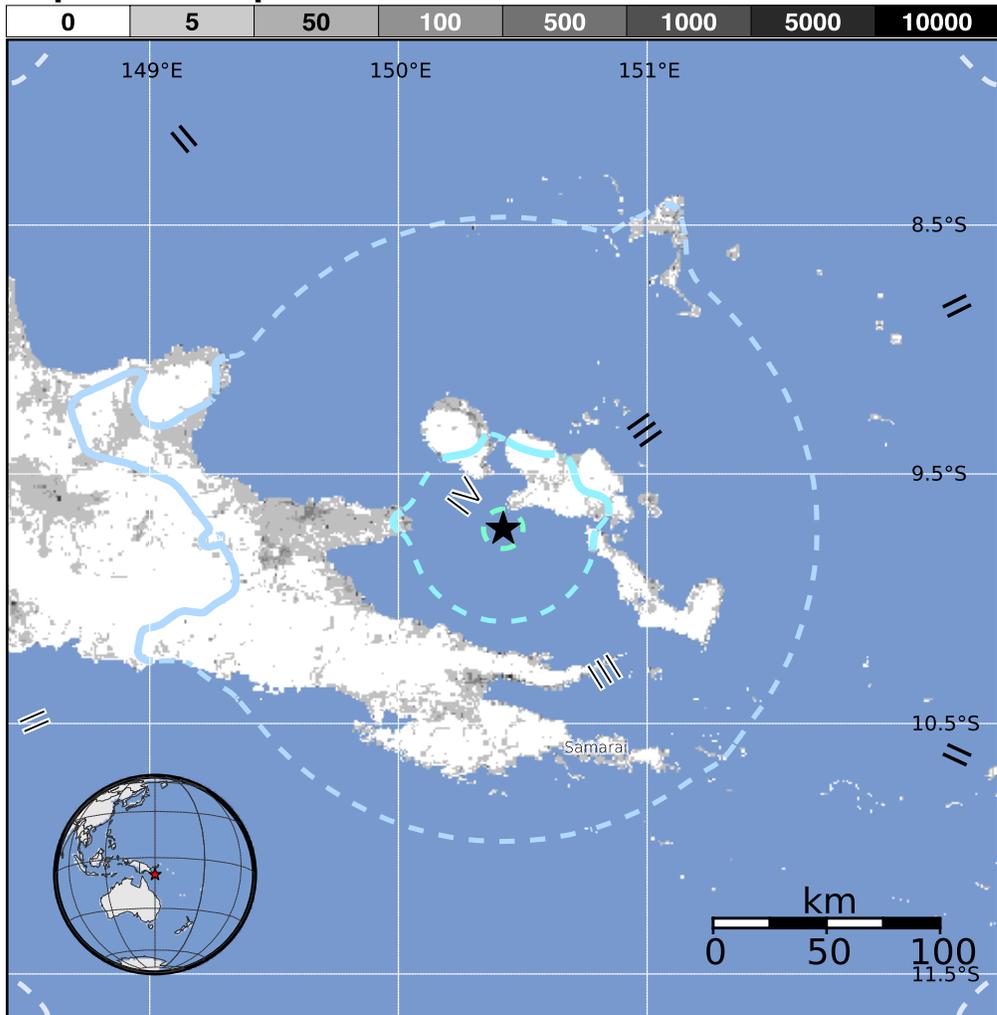


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	266k	18k	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 vulnerable to earthquake shaking, though some resistant structures exist.

**Historical Earthquakes (with MMI levels):**

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1975-02-07	287	6.6	V(18k)	0
1985-09-10	378	6.4	VIII(3k)	0
1985-10-29	78	6.4	IX(255)	0

**Selected City Exposure**

from GeoNames.org

MMI	City	Population
III	Samarai	2k

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: us1000298z