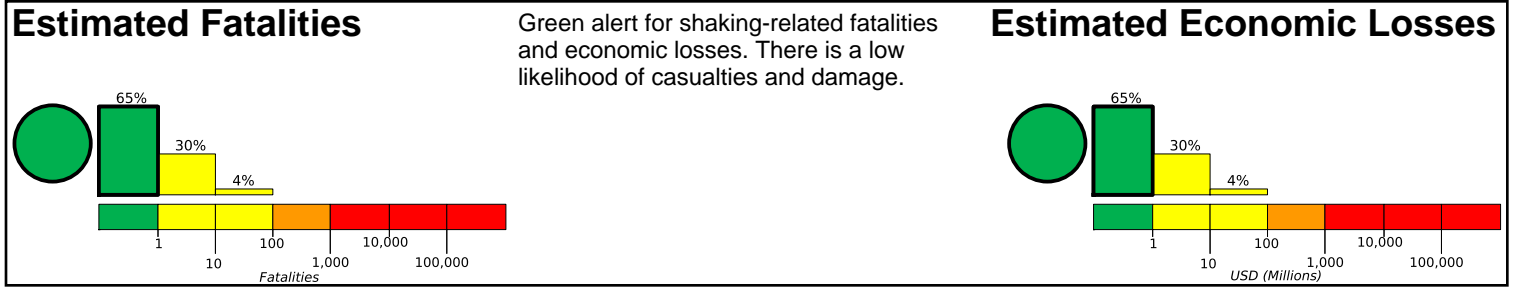


**M 7.1, BOUGAINVILLE REGION, PAPUA NEW GUINEA**

Origin Time: Fri 2014-04-11 07:07:21 UTC (18:07:21 local)

Location: 6.62°S 155.06°E Depth: 50 km

Created: 51 minutes, 53 seconds after earthquake

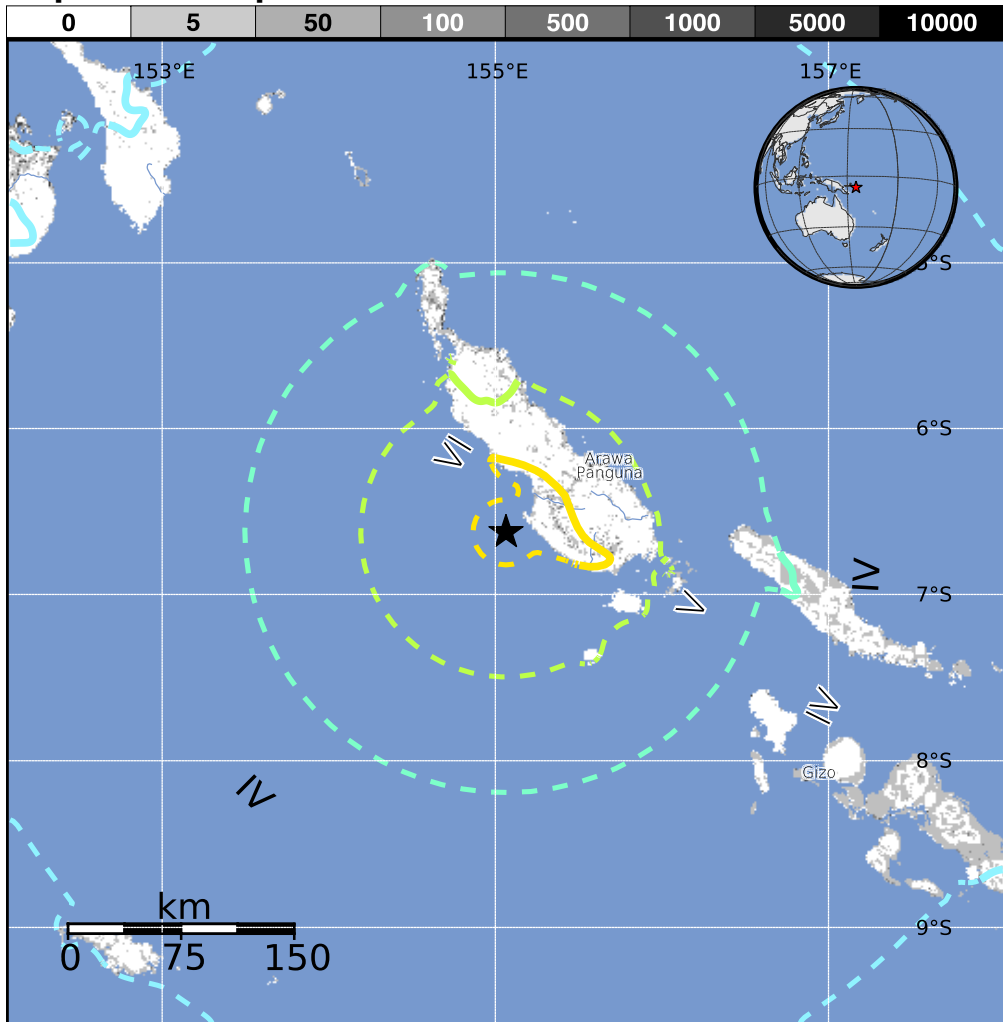


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)	- - *	63k*	260k	99k	103k	25k	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. The predominant vulnerable building types are unreinforced brick masonry and informal (metal, timber, GI etc.) construction.

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

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2000-10-29	193	6.9	VII(36k)	0
1996-04-29	14	7.2	VIII(601)	1
1983-12-21	373	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
VI	Kieta	4k
VI	Arawa	40k
VI	Panguna	3k
IV	Gizo	6k
IV	Kokopo	26k
IV	Rabaul	8k
III	Namatanai	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: usc000pft9