

**M 5.9, BOUGAINVILLE REGION, PAPUA NEW GUINEA**

Origin Time: Wed 2014-07-30 16:00:58 UTC (02:00:58 local)

Location: 7.16°S 154.84°E Depth: 10 km

Created: 4 weeks, 1 day after earthquake

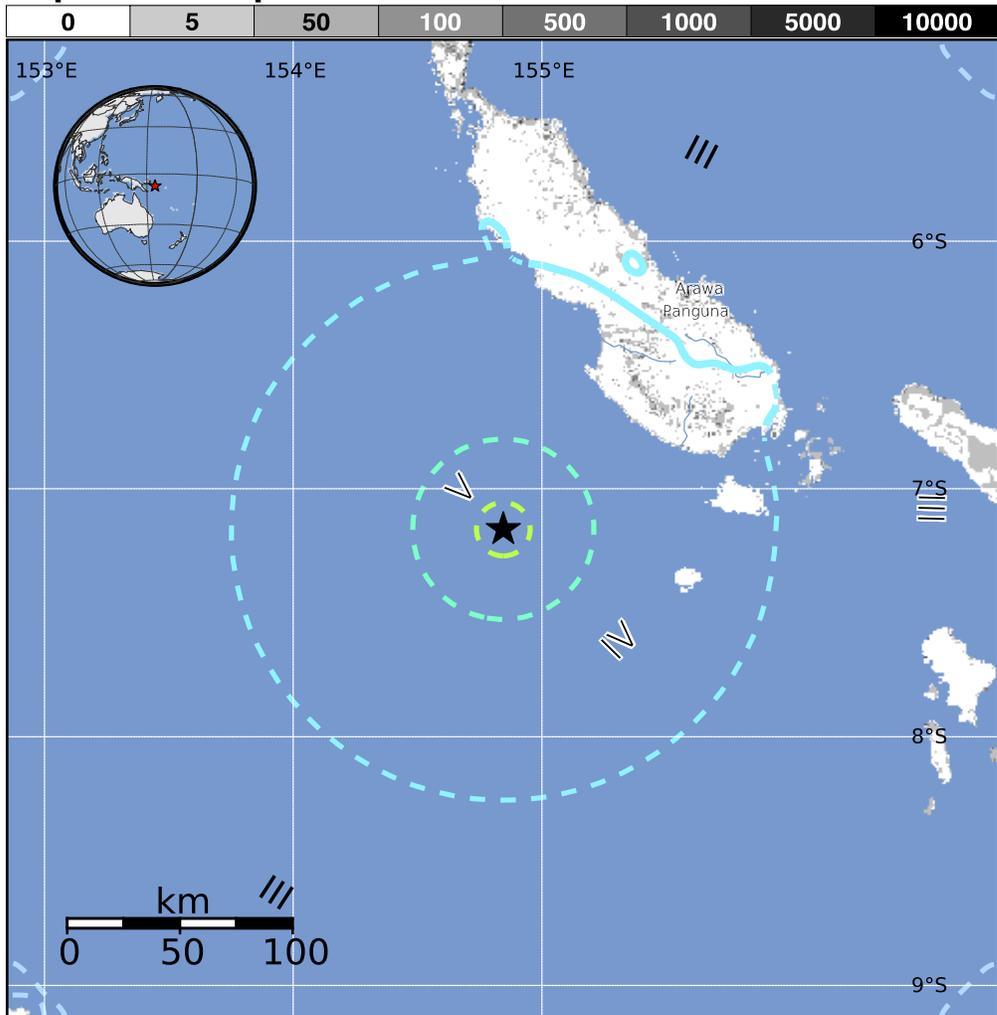


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	142k*	60k	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
1989-11-19	99	6.1	V(6k)	0
1996-04-29	78	7.2	VIII(601)	1
1983-12-21	378	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
IV	Kieta	4k
III	<b>Panguna</b>	<b>3k</b>
III	<b>Arawa</b>	<b>40k</b>
III	Gizo	6k

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.