

**M 5.6, EASTERN NEW GUINEA REG, PAPUA NEW GUINEA**

Origin Time: Mon 2014-03-31 13:40:58 UTC (23:40:58 local)

Location: 8.30°S 146.98°E Depth: 4 km



**PAGER**  
**Version 5**

Created: 7 weeks, 6 days after earthquake

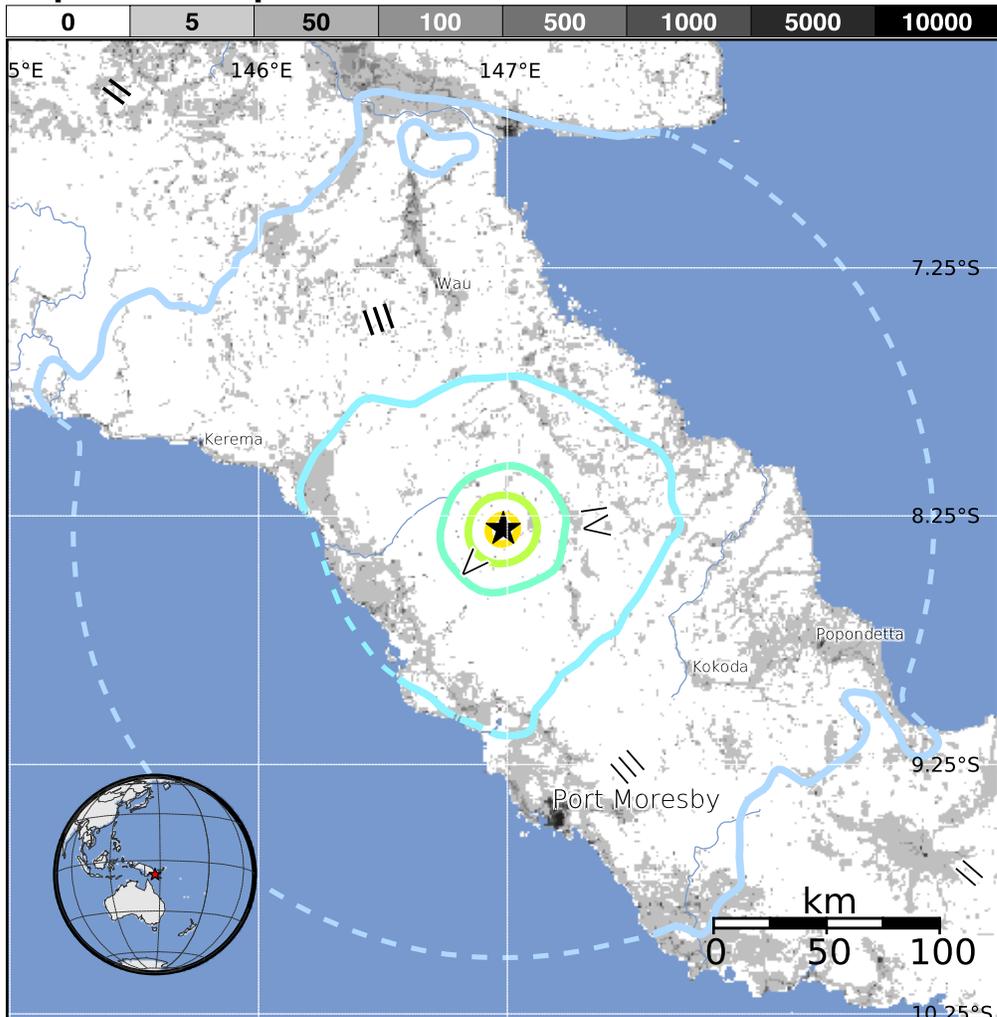


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	1,244k	105k	3k	1k	1k	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
2002-07-03	367	6.1	VI(1k)	0
2005-06-04	221	6.1	VII(27k)	1
1993-10-16	283	6.3	VII(75k)	3

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

**Selected City Exposure**

from GeoNames.org

MMI City	Population
<b>III Kokoda</b>	6k
<b>III Wau</b>	15k
III Bulolo	16k
<b>III Port Moresby</b>	284k
<b>III Kerema</b>	6k
<b>III Popondetta</b>	28k
III Lae	76k
II Finschhafen	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: usc000nxit