

**M 5.8, MOLUCCA SEA**

Origin Time: Tue 2014-11-18 04:47:16 UTC (12:47:16 local)

Location: 1.87°N 126.48°E Depth: 30 km

**PAGER**  
**Version 7**

Created: 7 weeks, 5 days after earthquake

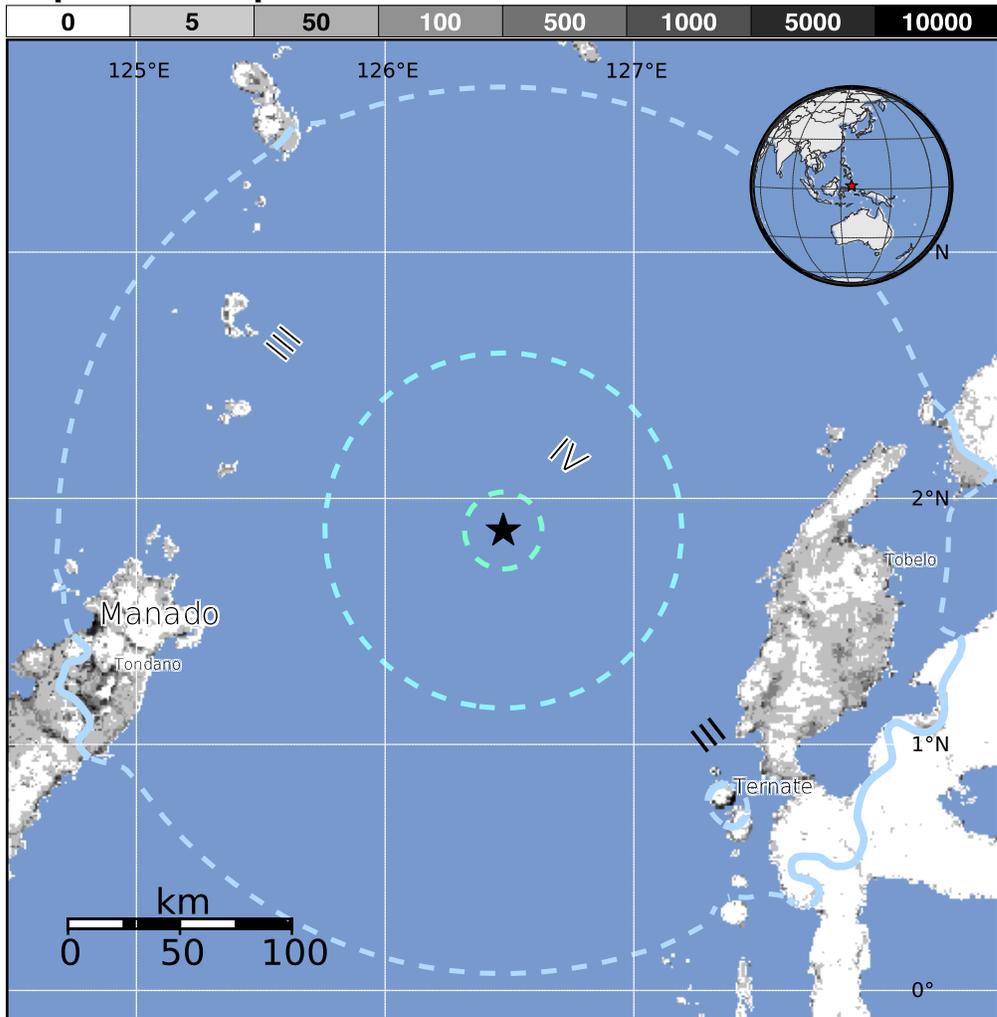


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	2,541k	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	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
1979-05-18	152	6.3	V(3k)	0
2007-01-21	88	7.5	VI(283k)	3
1994-01-21	170	6.9	IX(28k)	7

**Selected City Exposure**

from GeoNames.org

MMI City	Population
III Manado	452k
III Tondano	33k
III Bitung	137k
III Tobelo	10k
III Tomohon	28k
II Ternate	102k
II Kota Ternate	< 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: usc000sycq