

**M 6.3, MOLUCCA SEA**

Origin Time: Tue 2016-06-07 19:15:15 UTC (19:15:15 local)

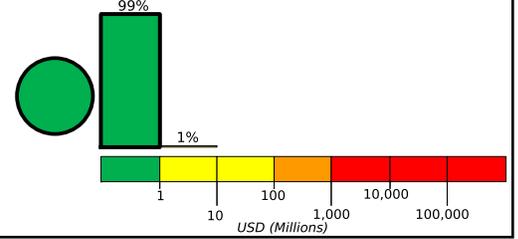
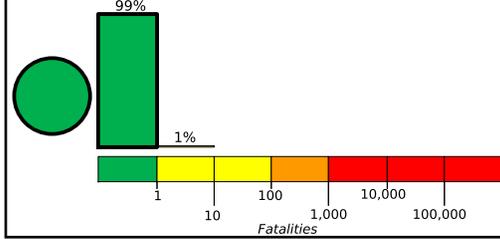
Location: 1.28°N 126.37°E Depth: 31 km

Created: 5 weeks, 3 days after earthquake

**Estimated Fatalities**

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

**Estimated Economic Losses**

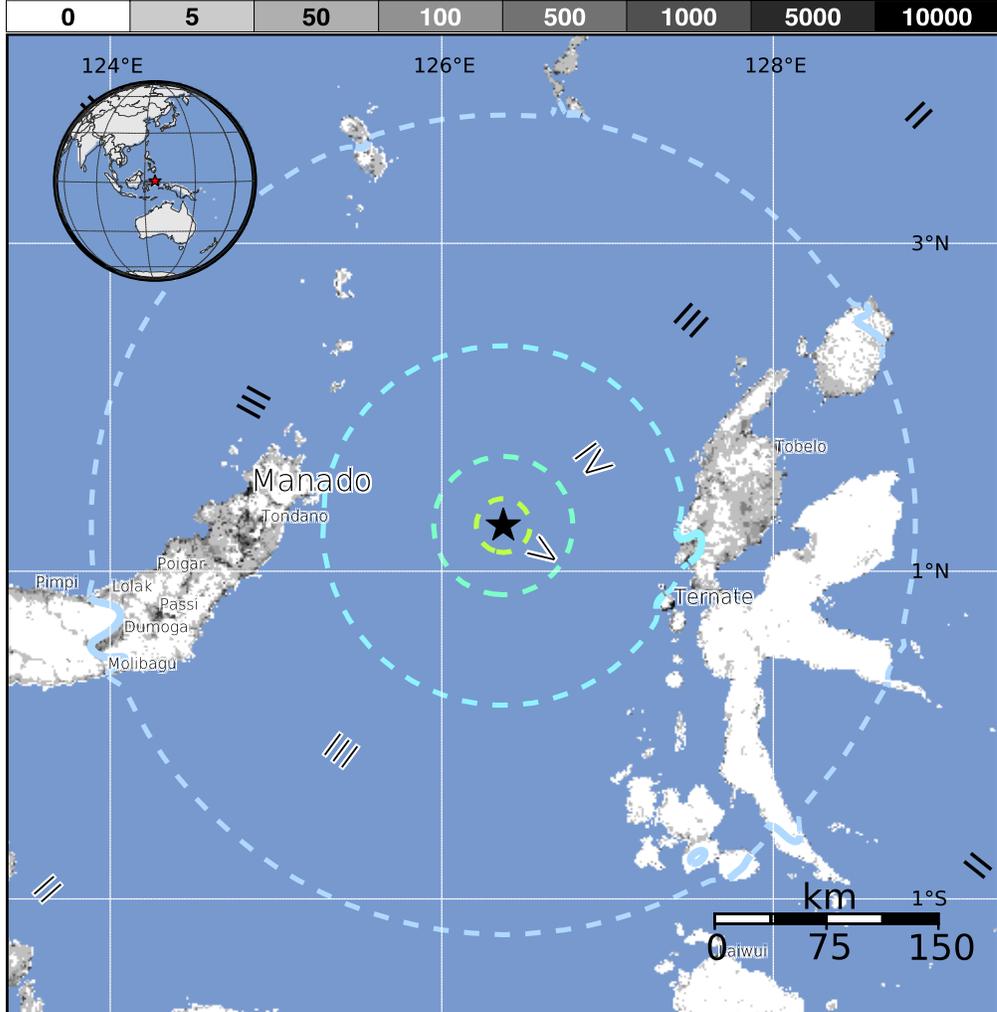


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)	--*	3,369k	156k	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
	Vulnerable Structures	none	none	none	Light	Moderate	Moderate/Heavy	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	85	6.3	V(3k)	0
2007-01-21	20	7.5	VI(283k)	3
1998-11-29	398	7.7	VIII(5k)	41

**Selected City Exposure**

from GeoNames.org

MMI	City	Population
IV	Bitung	137k
III	Kota Ternate	< 1k
III	<b>Ternate</b>	<b>102k</b>
III	<b>Tondano</b>	<b>33k</b>
III	<b>Manado</b>	<b>452k</b>
III	Tomohon	28k
III	<b>Tobelo</b>	<b>10k</b>
III	Tompasobaru	< 1k
III	<b>Poigar</b>	<b>&lt; 1k</b>
III	<b>Dumoga</b>	<b>&lt; 1k</b>

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/earthquakes/eventpage/us20006219>

Event ID: us20006219