

M 7.1, MOLUCCA SEA

Origin Time: Sat 2014-11-15 02:31:41 UTC (10:31:41 local)

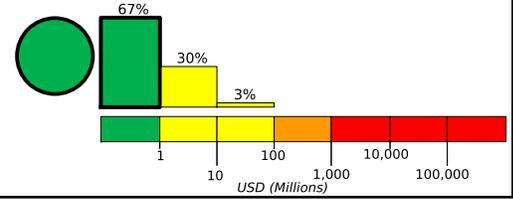
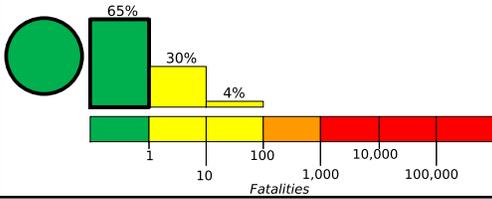
Location: 1.89°N 126.52°E Depth: 45 km

Created: 11 weeks, 6 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

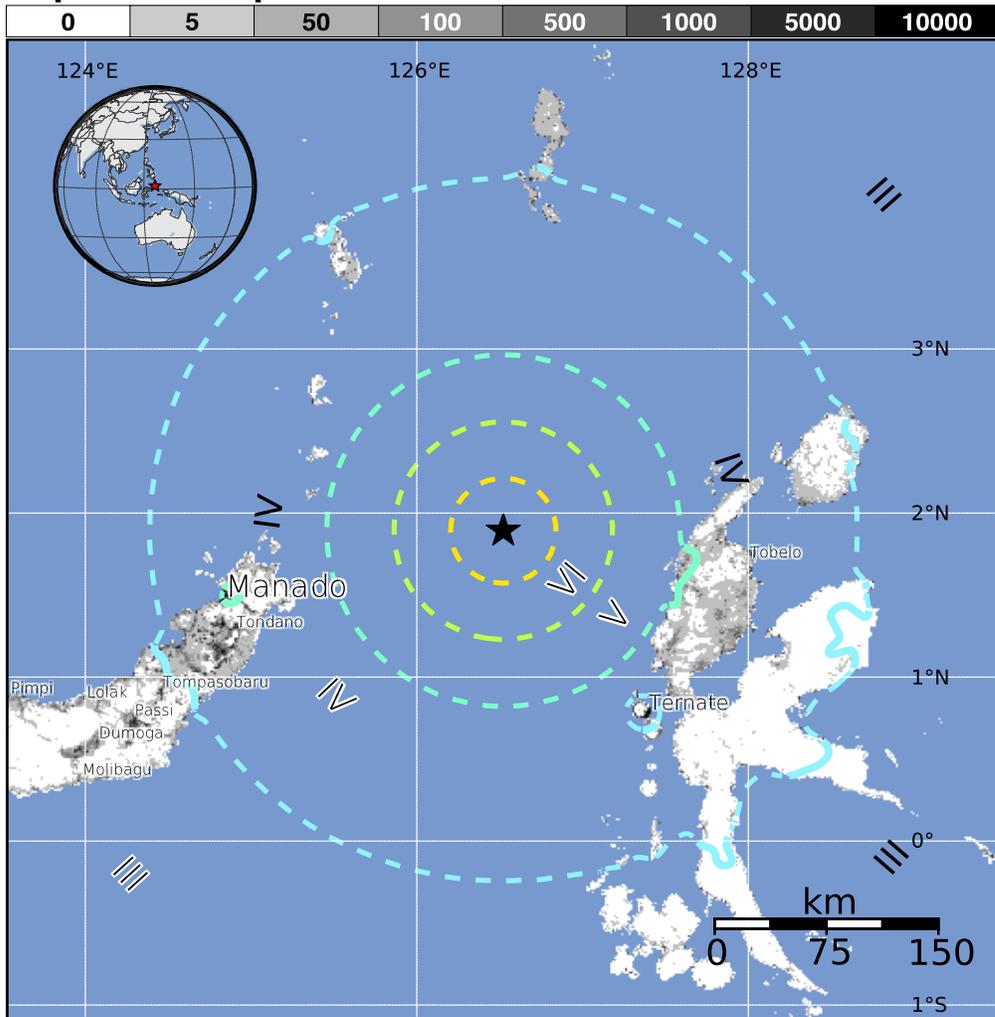


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)	--*	890k*	1,938k	569k	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
1986-07-09	6	6.7	V(374k)	0
2007-01-21	87	7.5	VI(283k)	3
1994-01-21	169	6.9	IX(28k)	7

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

Selected City Exposure

from GeoNames.org

MMI	City	Population
V	Manado	452k
IV	Bitung	137k
IV	Tobelo	10k
IV	Tondano	33k
IV	Tomohon	28k
IV	Tompasobaru	< 1k
IV	Poigar	< 1k
IV	Dumoga	< 1k
IV	Lolak	< 1k
III	Ternate	102k

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: usc000sxh8