

M 6.2, MOLUCCA SEA

Origin Time: Wed 2014-09-10 02:46:06 UTC (10:46:06 local)

Location: 0.24°S 125.10°E Depth: 35 km

Created: 6 weeks, 5 days after earthquake

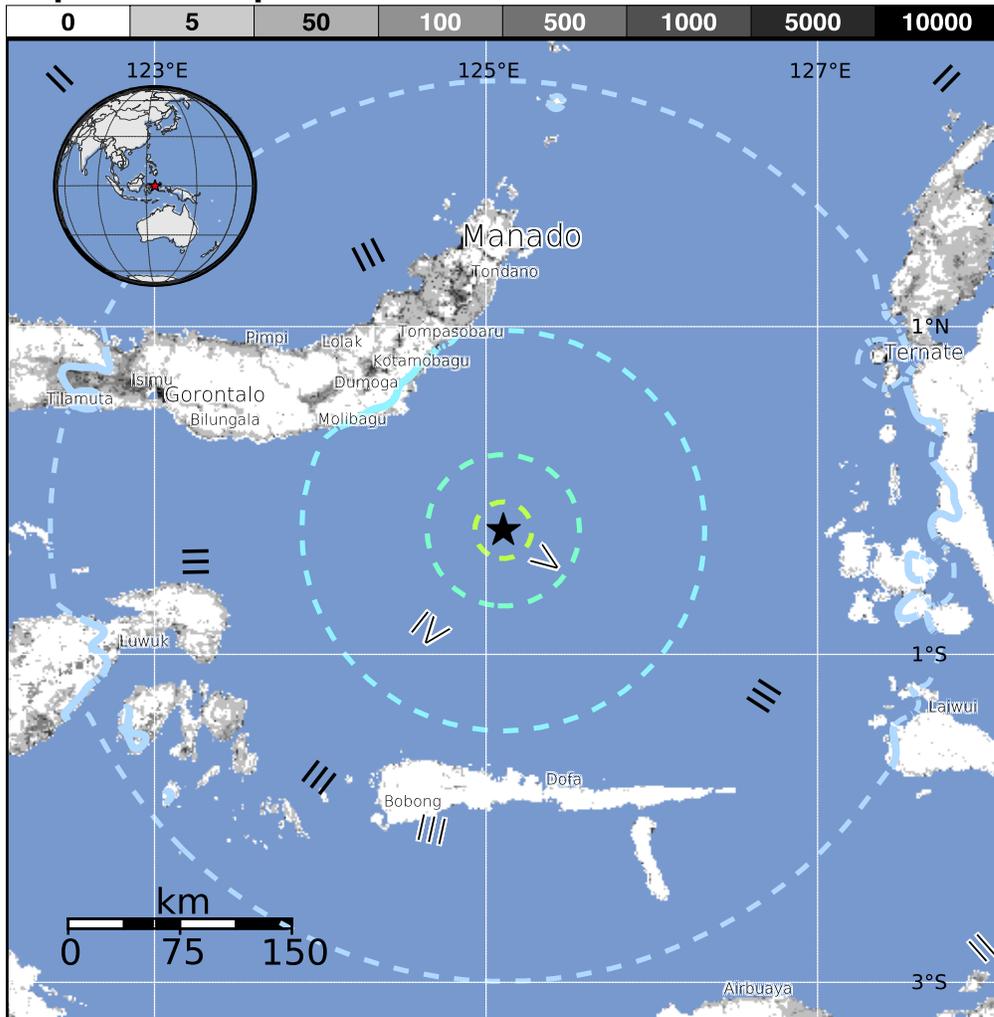


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	4,642k	132k	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	131	6.3	V(3k)	0
2007-01-21	197	7.5	VI(283k)	3
2000-05-04	207	7.5	VIII(17k)	46

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Dumoga	< 1k
IV	Modayag	< 1k
IV	Lolayan	< 1k
III	Kotamobagu	< 1k
III	Passi	< 1k
III	Molibagu	< 1k
III	Bitung	137k
III	Manado	452k
III	Gorontalo	144k
III	Luwuk	48k
II	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: usb000say6