

M 5.3, MINAHASA, SULAWESI, INDONESIA

Origin Time: Tue 2014-02-18 03:34:12 UTC (11:34:12 local)

Location: 1.75°N 122.88°E Depth: 43 km

Created: 5 weeks, 2 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

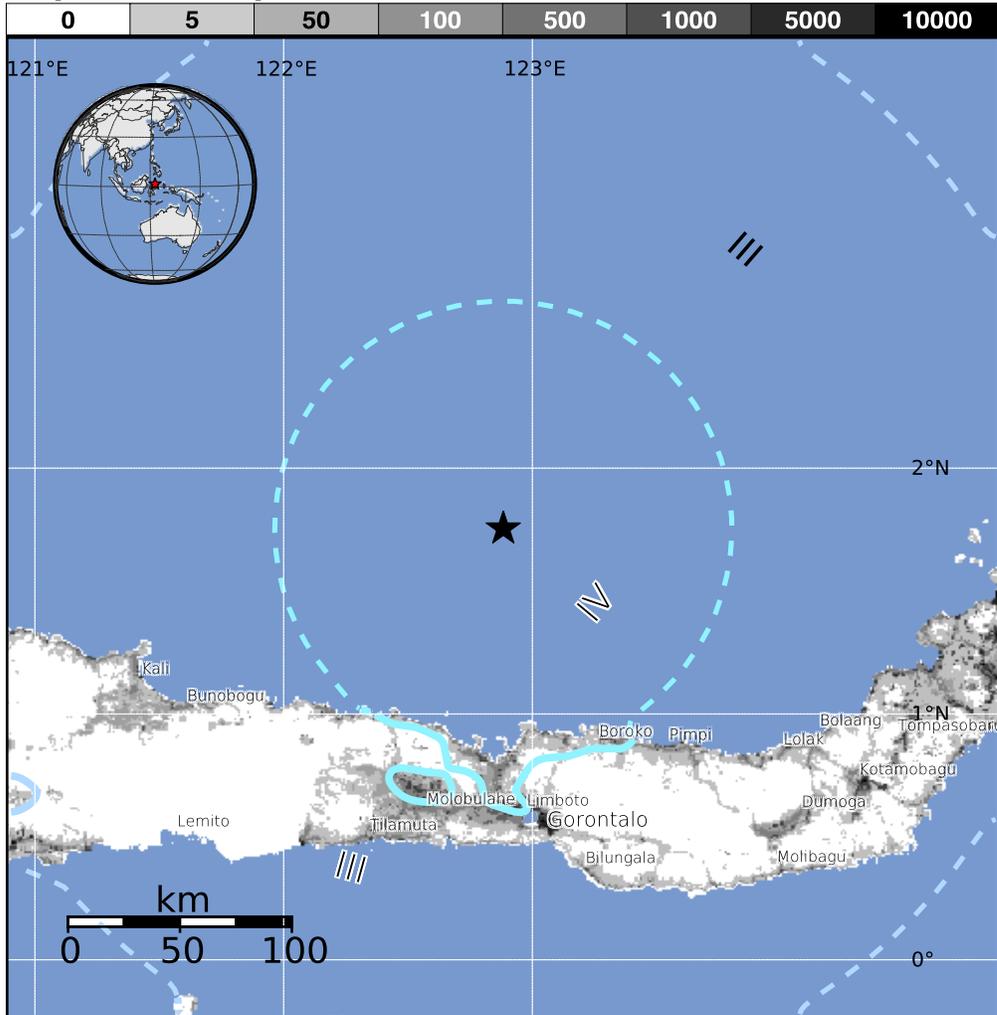


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	2,544k*	693k	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	365	6.3	V(3k)	0
2007-01-21	388	7.5	VI(283k)	3
2000-05-04	336	7.5	VIII(17k)	46

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Bolangitang	< 1k
IV	Boroko	< 1k
IV	Isimu	< 1k
IV	Limboto	< 1k
IV	Gorontalo	144k
IV	Sidomulyo	< 1k
IV	Molobulahe	< 1k
IV	Payunga	< 1k
III	Tilamuta	< 1k
III	Manado	452k
III	Tomohon	28k

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: usc000msg6