

M 5.6, MINAHASA, SULAWESI, INDONESIA

Origin Time: Mon 2013-09-09 21:41:33 UTC (05:41:33 local)

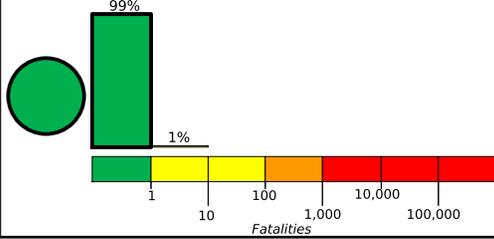
Location: 1.38°N 122.22°E Depth: 22 km

Created: 9 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

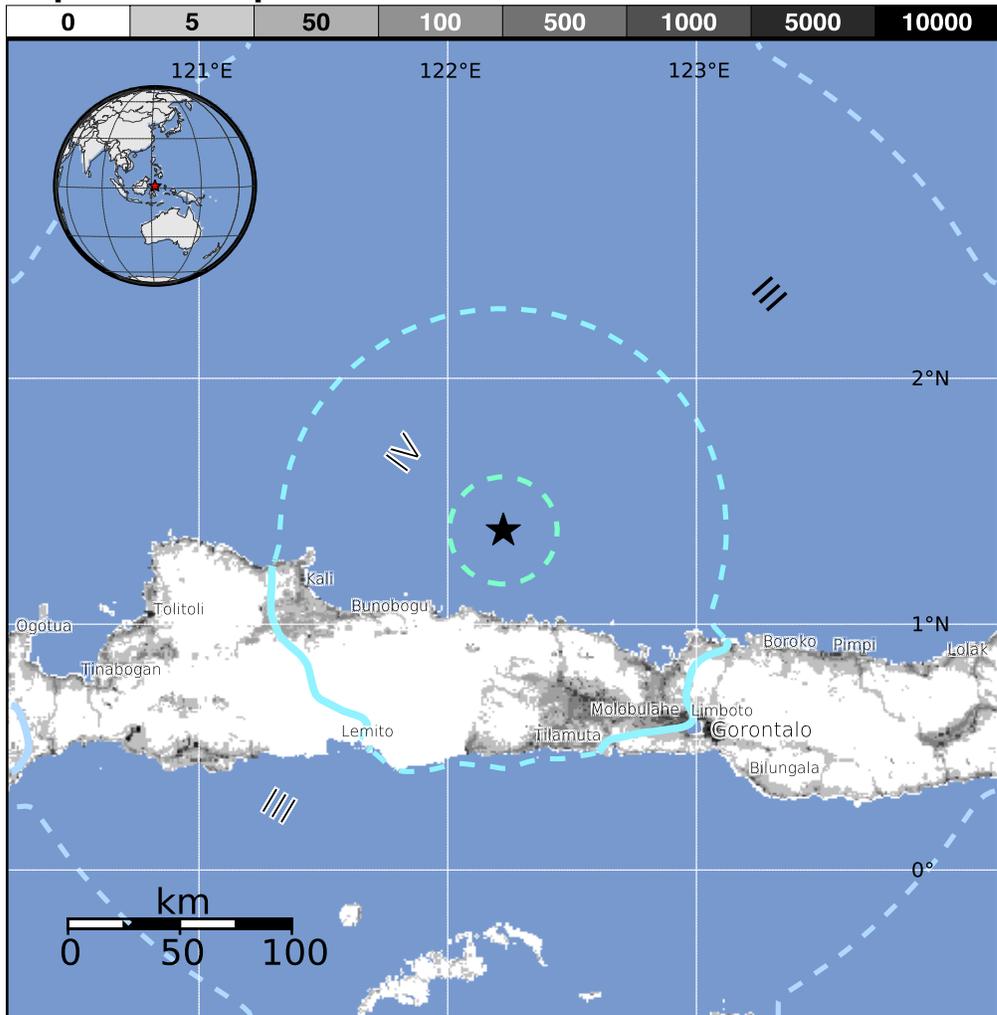


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	944k*	950k	1k	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
1987-11-27	358	6.1	V(23k)	0
1990-04-18	71	7.6	VIII(826)	3
2000-05-04	320	7.5	VIII(17k)	46

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Sidomulyo	< 1k
IV	Bunobogu	< 1k
IV	Molobulahe	< 1k
IV	Tilamuta	< 1k
IV	Bokat	< 1k
IV	Kali	< 1k
IV	Isimu	< 1k
IV	Gorontalo	144k
IV	Limboto	< 1k
IV	Boroko	< 1k
IV	Lamadong	< 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: usb000jmsl