

M 5.5, SULU ARCHIPELAGO, PHILIPPINES

Origin Time: Mon 2015-01-19 17:19:45 UTC (01:19:45 local)

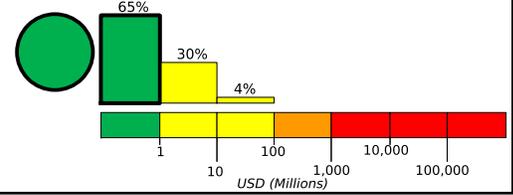
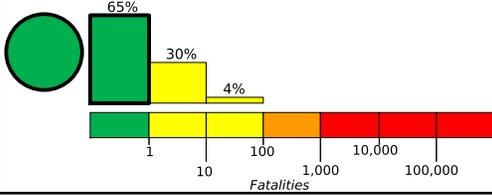
Location: 4.61°N 119.76°E Depth: 11 km

Created: 3 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

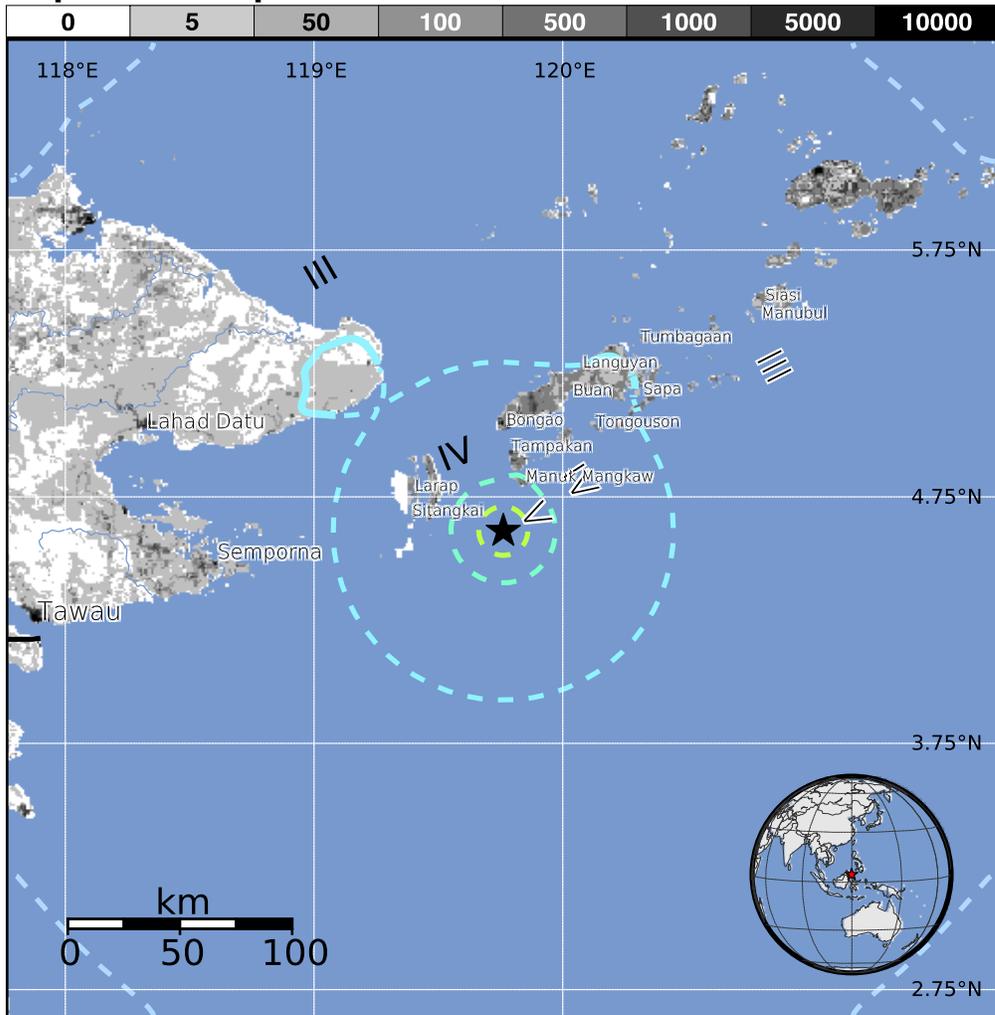


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)	- - *	2,309k*	433k	30k	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 a mix of vulnerable and earthquake resistant construction.

Historical Earthquakes (with MMI levels):

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1991-05-26	369	5.1	V(95k)	0
1999-03-04	250	7.1	VII(123k)	0
1976-07-26	170	6.3	IX(2k)	0

Selected City Exposure

from GeoNames.org

MMI	City	Population
V	Manuk Mangkaw	5k
V	Luuk Datan	3k
V	Tampakan	8k
IV	Simunul	5k
IV	Larap	4k
IV	Bakung	3k
III	Semporna	63k
III	Tawau	306k
III	Lahad Datu	106k
III	Jolo	101k
III	Sandakan	392k

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: usc000th7m