

M 5.7, SULU SEA

Origin Time: Wed 2015-02-25 01:31:41 UTC (09:31:41 local)

Location: 6.08°N 119.84°E Depth: 9 km

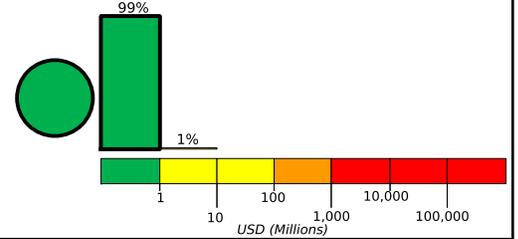
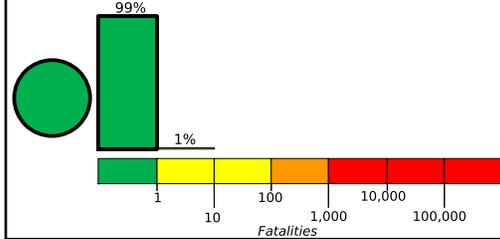
PAGER Version 4

Created: 1 week, 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

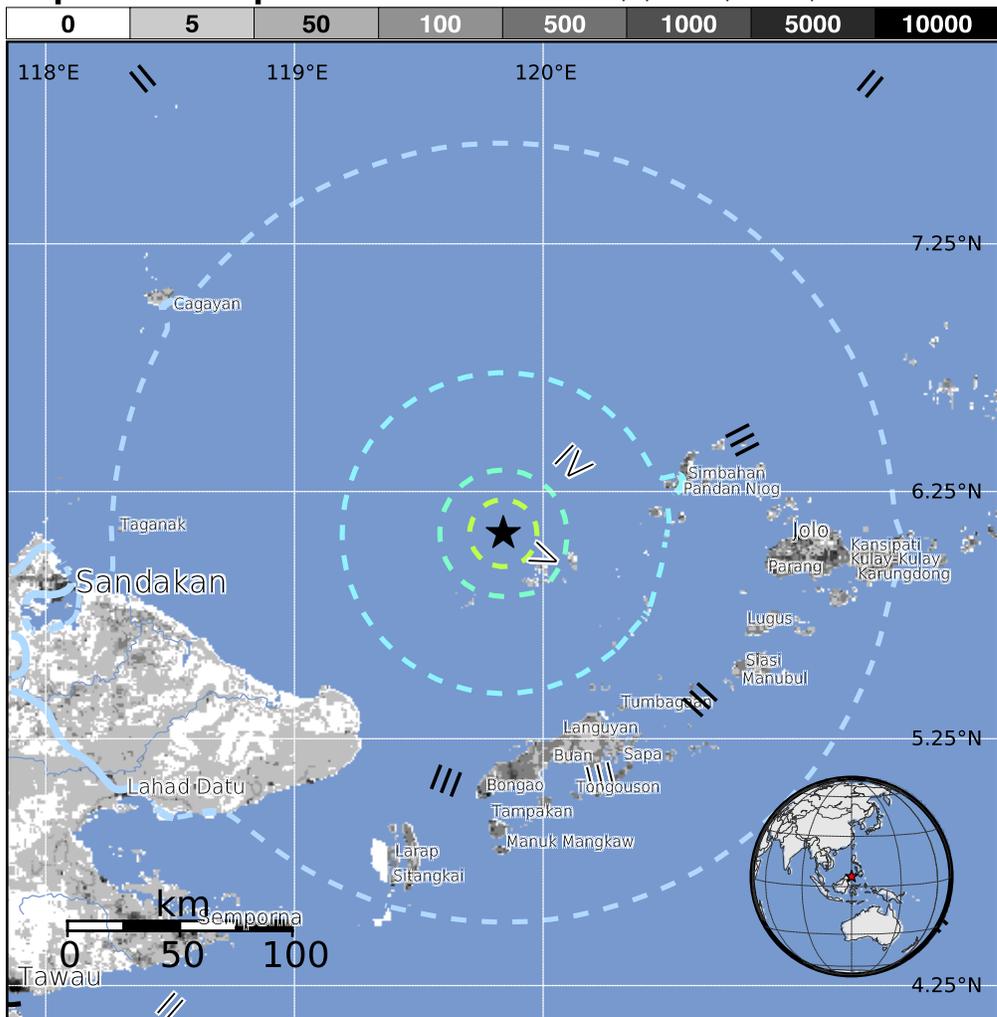


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	2,657k	86k	3k	1k	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 a mix of vulnerable and earthquake resistant construction.

Historical Earthquakes (with MMI levels):

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2001-07-31	340	5.4	VI(9k)	0
1976-08-17	368	7.1	IX(18k)	0
2005-02-05	400	7.1	III(15,484k)	2

Selected City Exposure

from GeoNames.org

MMI	City	Population
III	Languyan	9k
III	Pandan Niog	3k
III	Ungus-Ungus	2k
III	Simbahan	5k
III	Sanga-Sanga	5k
III	Kolape	3k
III	Jolo	101k
III	Semporna	63k
III	Sandakan	392k
II	Lahad Datu	106k
II	Tawau	306k

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: usc000tszg