

M 6.0, SIMEULUE, INDONESIA

Origin Time: Sun 2013-12-01 06:29:57 UTC (12:29:57 local)

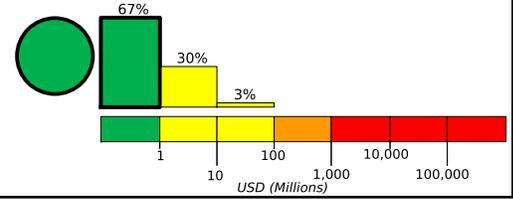
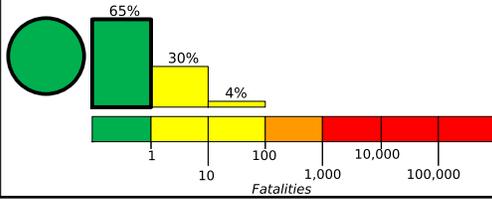
Location: 2.04°N 96.83°E Depth: 20 km

Created: 10 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

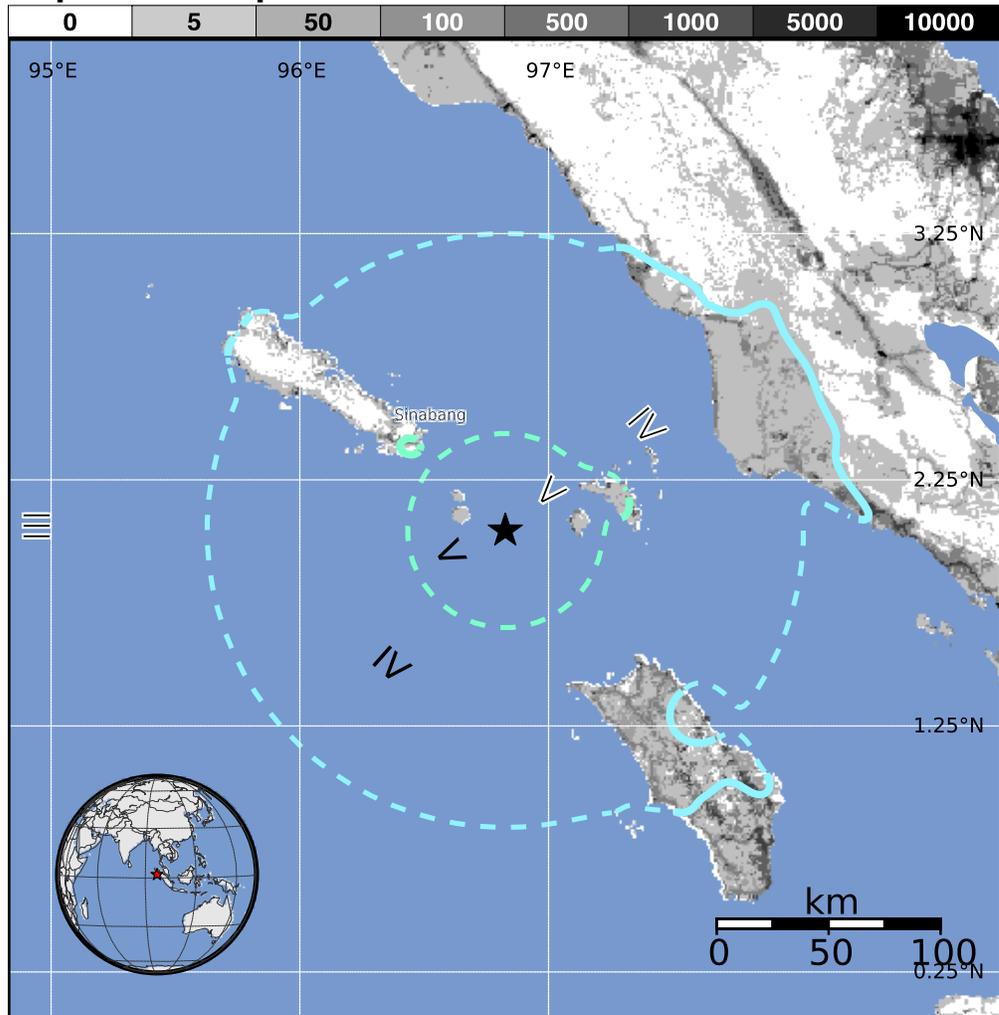


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)	--*	7,731k*	905k	48k	2k	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
2005-03-31	43	5.8	VI(749)	0
2006-12-17	363	5.8	VII(72k)	7
2005-03-28	19	8.6	VIII(509k)	1k

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Sinabang	15k
III	Kabanjahe	57k
III	Onan Ganjang	< 1k
III	Sunggal	158k
III	Stabat	27k
III	Medan	1,751k
III	Binjai	229k
III	Labuhan Deli	50k
III	Belawan	103k
III	Deli Tua	28k
III	Sibolga	80k

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: usb00018pb