

M 6.3, 72km NE of Muara Siberut, Indonesia

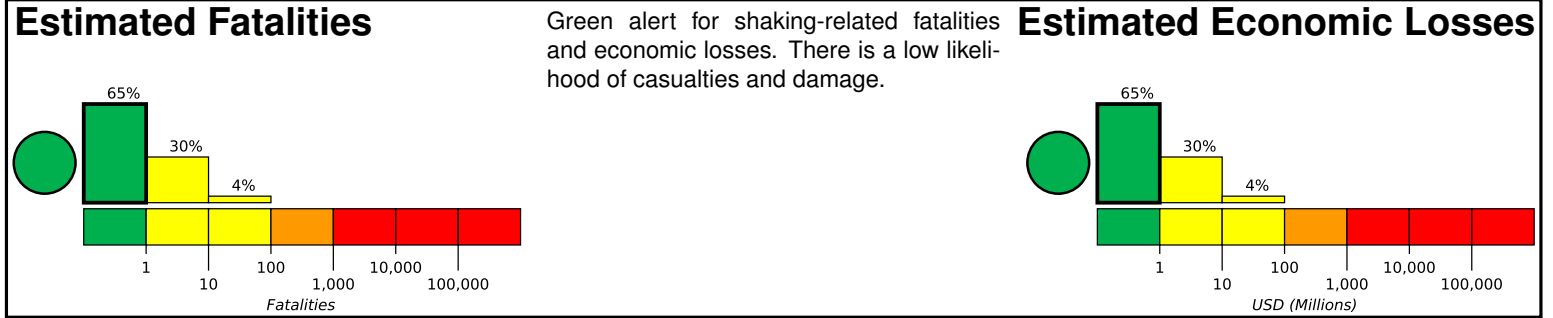
Origin Time: 2017-08-31 17:06:55 UTC (Fri 00:06:55 local)

Location: 1.1590° S 99.6881° E Depth: 43.1 km

FOR TSUNAMI INFORMATION, SEE: tsunami.gov

PAGER Version 5

Created: 1 week, 5 days after earthquake

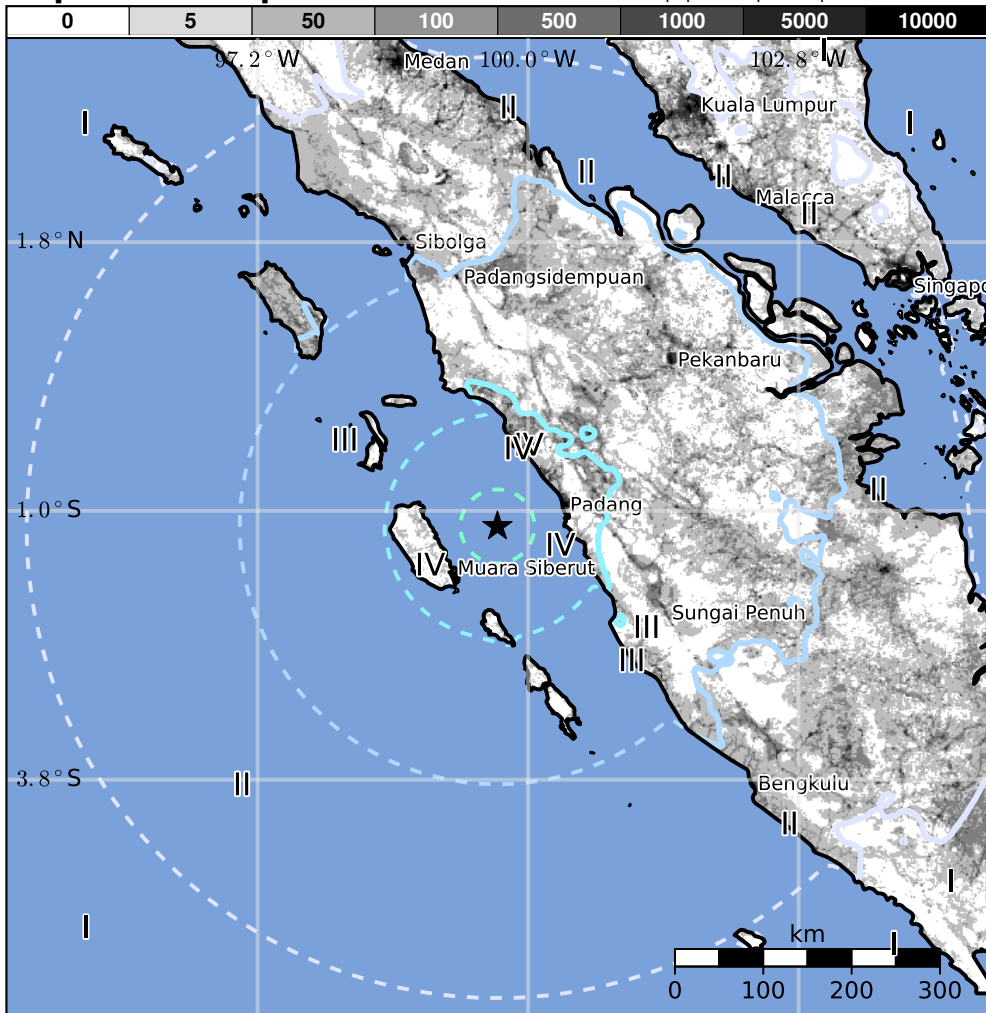


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		1,877k*	53,478k	3,091k	727k	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	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./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 resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are unreinforced brick with concrete floor and precast concrete frame with wall construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2004-02-16	119	5.0	VII(2k)	5
2006-12-17	197	5.8	VII(72k)	7
1995-10-06	217	6.7	VIII(41k)	84

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
V	Tabing	<1k
V	Padang	840k
IV	Lubukbergalung	<1k
IV	Pariaman	92k
IV	Pauhambar	<1k
IV	Lubukalung	<1k
II	Klang	880k
II	Medan	1,751k
II	Kuala Lumpur	1,454k
II	Singapore	3,548k
II	Johor Bahru	802k

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.

<https://earthquake.usgs.gov/earthquakes/eventpage/us2000adjh#pager>

bold cities appear on map.

(k=x1000)

Event ID: us2000adjh