

# M 5.6, KEPULAUAN MENTAWAI REGION, INDONESIA

Origin Time: Wed 2016-08-24 13:48:45 UTC (13:48:45 local)

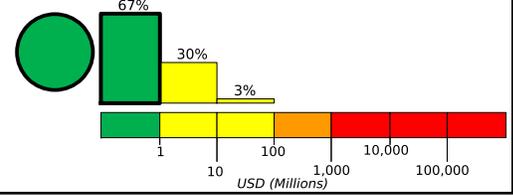
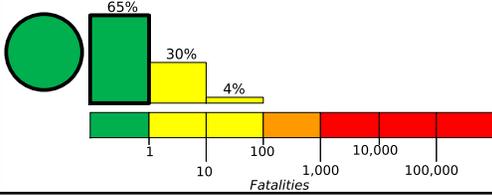
Location: 2.91°S 100.18°E Depth: 19 km

Created: 5 weeks, 6 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

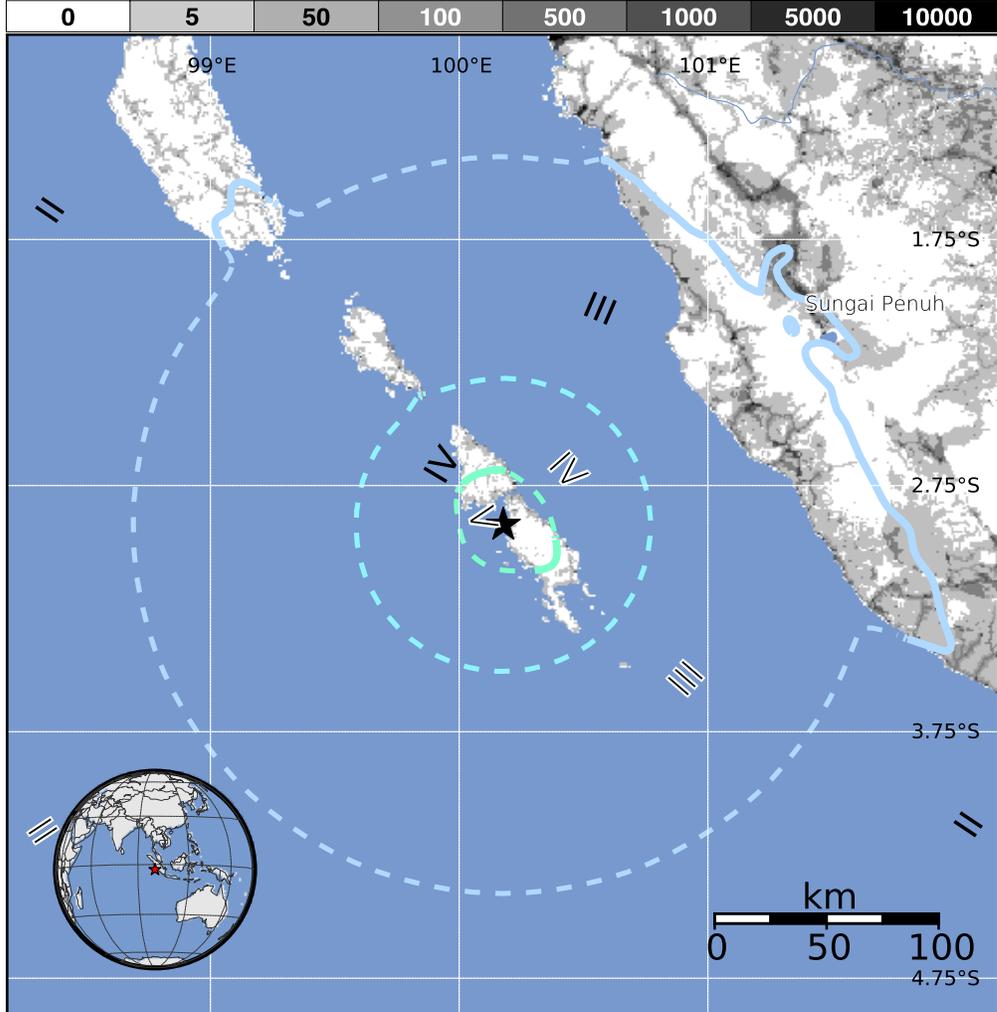


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)	--*	3,164k	15k	14k	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 vulnerable to earthquake shaking, though some resistant structures exist.

### Historical Earthquakes (with MMI levels):

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1986-01-29	390	5.0	V(350k)	0
2000-06-05	249	5.5	V(540k)	1
2000-06-04	297	7.9	VIII(2k)	103

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
III Kambang	< 1k
III Mandarahan	< 1k
III Semurup	< 1k
III Pasarkuok	< 1k
III Siulakderasmudik	< 1k
III Painan	< 1k
<b>III Sungai Penuh</b>	<b>96k</b>
III Pasarbaru	< 1k
III Padang	840k
III Muara Siberut	< 1k
II Muaralabuh	< 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/earthquakes/eventpage/us10006gf0>

Event ID: us10006gf0