M 6.9, 4km S of Belanting, Indonesia

PAGER
Version 1

Origin Time: 2018-08-19 14:56:27 UTC (Sun 22:56:27 local)
Location: 8.3461° S 116.6264° E Depth: 20.3 km
FOR TSUNAMI INFORMATION, SEE: tsunami.gov

Created: 22 minutes, 22 seconds after earthquake

Estimated Fatalities

13% 39% 37% 10%

1 10 100 1,000 10,000 100,000
Fatalities

Yellow alert for shaking-related fatalities and economic losses. Some casualties and damage are possible and the impact should be relatively localized. Past yellow alerts have required a local or regional level response.

Estimated economic losses are less than 1% of GDP of Indonesia.

Estimated Economic Losses

18% 44% 32% 6%

1 10 100 1,000 10,000 100,000
USD (Millions)

Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		–*	43,209k*	11,062k	620k	2,662k	805k	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

population per 1 sq. km from Landscan

| 0 | 5 | 50 | 100 | 500 | 1000 | 5000 | 10000 |
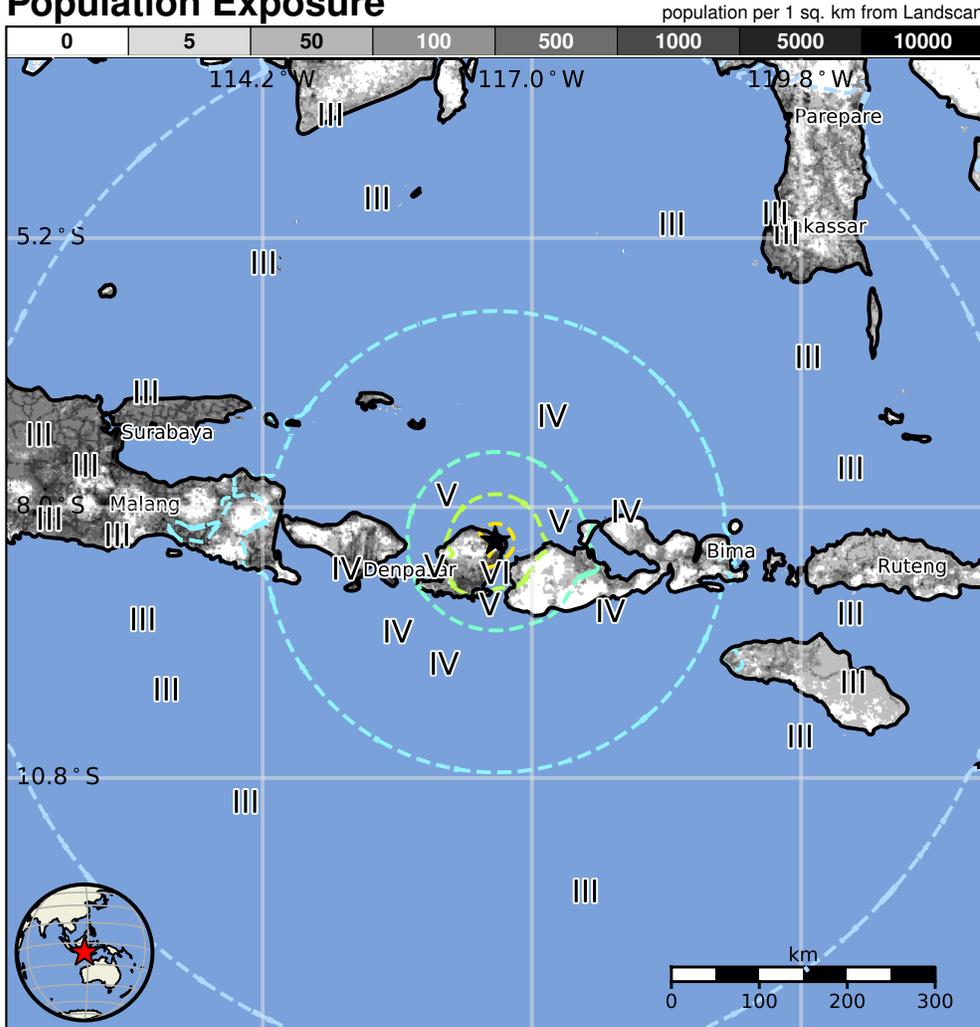
Structures

Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though resistant 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
1979-12-17	95	6.5	VIII(22k)	32
2007-11-25	191	6.5	IX(5k)	3
1976-07-14	204	6.5	VIII(183k)	563

Selected City Exposure

from GeoNames.org

MMI	City	Population
VII	Kampungbaru	<1k
VII	Sambelia	<1k
VII	Belanting	<1k
VII	Labuan Lombok	10k
VII	Gubuk Daya	<1k
VII	Pringgabaya	<1k
VI	Mataram	319k
IV	**Denpasar**	**835k**
III	**Surabaya**	**2,375k**
III	**Makassar**	**1,322k**
III	**Malang**	**747k**

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.
https://earthquake.usgs.gov/earthquakes/eventpage/us1000gda5#pager

Event ID: us1000gda5