

M 6.4, 85km SSW of Bogorawatu, Indonesia

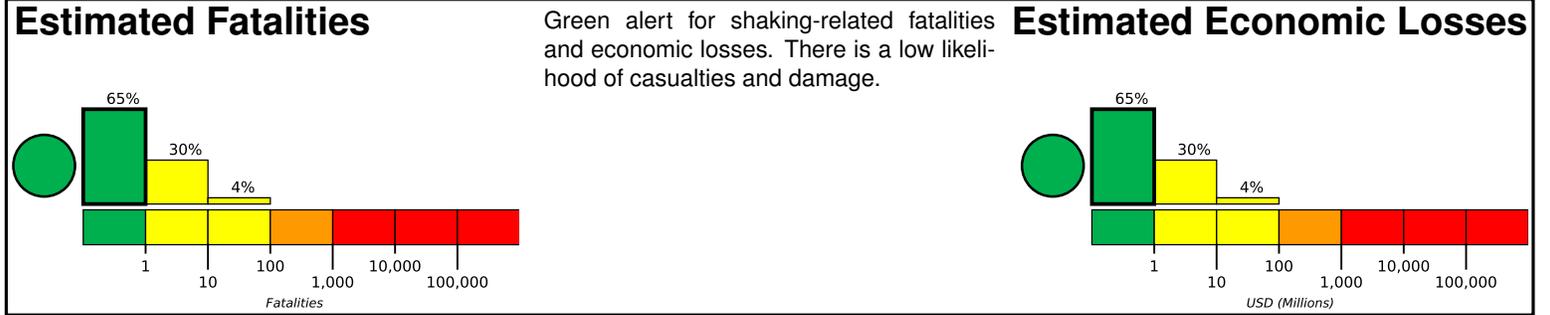
Origin Time: 2019-01-22 05:10:03 UTC (Tue 13:10:03 local)

Location: 10.4663° S 119.0309° E Depth: 27.0 km

FOR TSUNAMI INFORMATION, SEE: tsunami.gov

Created: 21 minutes, 53 seconds after earthquake

PAGER Version 1

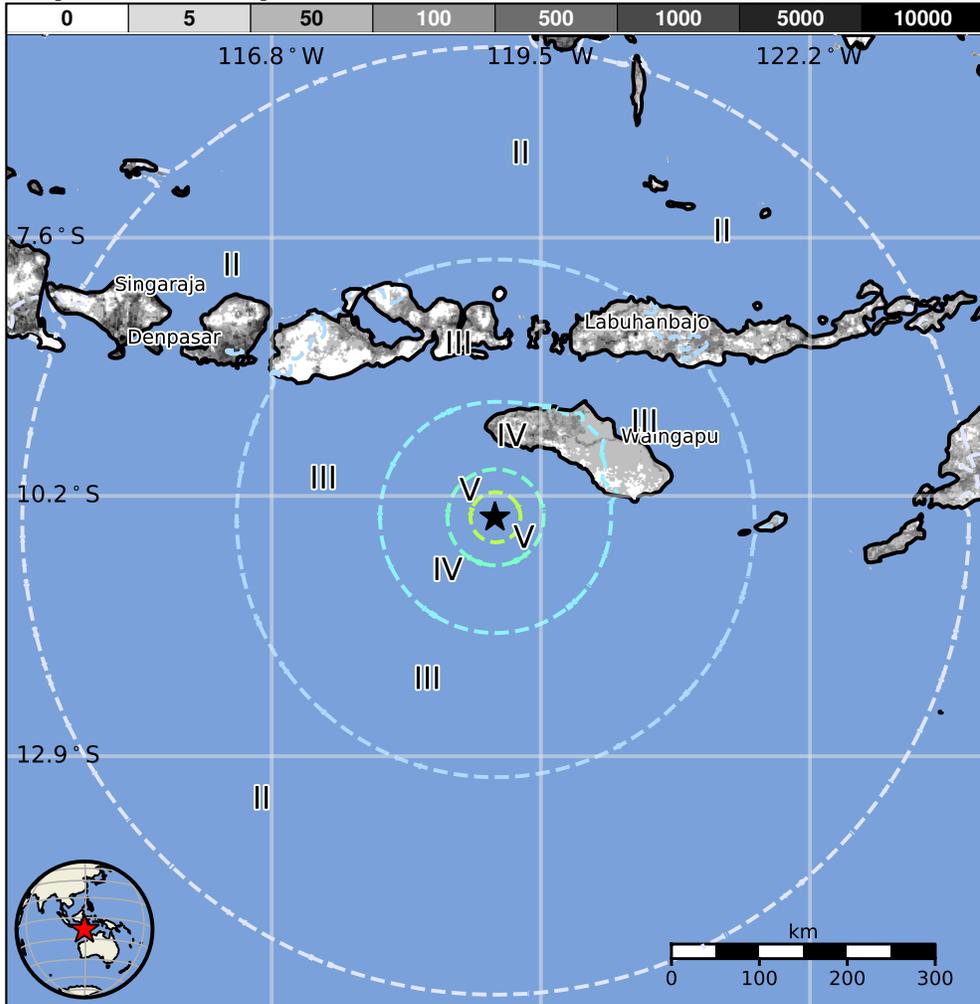


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		1,158k*	15,192k	561k	0	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 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
2003-01-23	192	5.5	VII(7k)	0
2006-12-01	249	6.3	VII(345k)	0
2007-11-25	252	6.5	IX(5k)	3

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	Kahale	<1k
IV	Lokorota	<1k
IV	Pasolapida	<1k
IV	Panenggoede	<1k
IV	Kaloghodalo	<1k
IV	Hodi	<1k
III	Labuan Bajo	189k
II	Mataram	319k
II	Denpasar	835k
II	Singaraja	134k
II	Kupang	282k

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/us2000j73a#pager>

Event ID: us2000j73a