

M 6.3, SUMBA REGION, INDONESIA

Origin Time: Fri 2016-02-12 10:02:23 UTC (18:02:23 local)

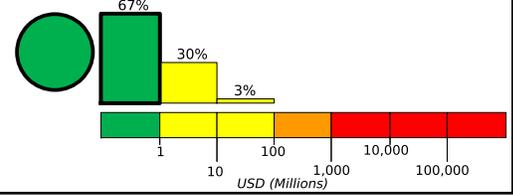
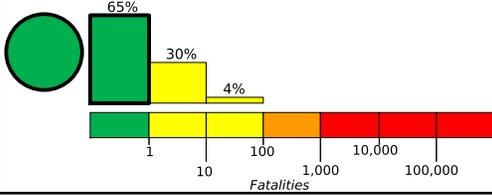
Location: 9.74°S 119.45°E Depth: 28 km

Created: 6 hours, 58 minutes 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

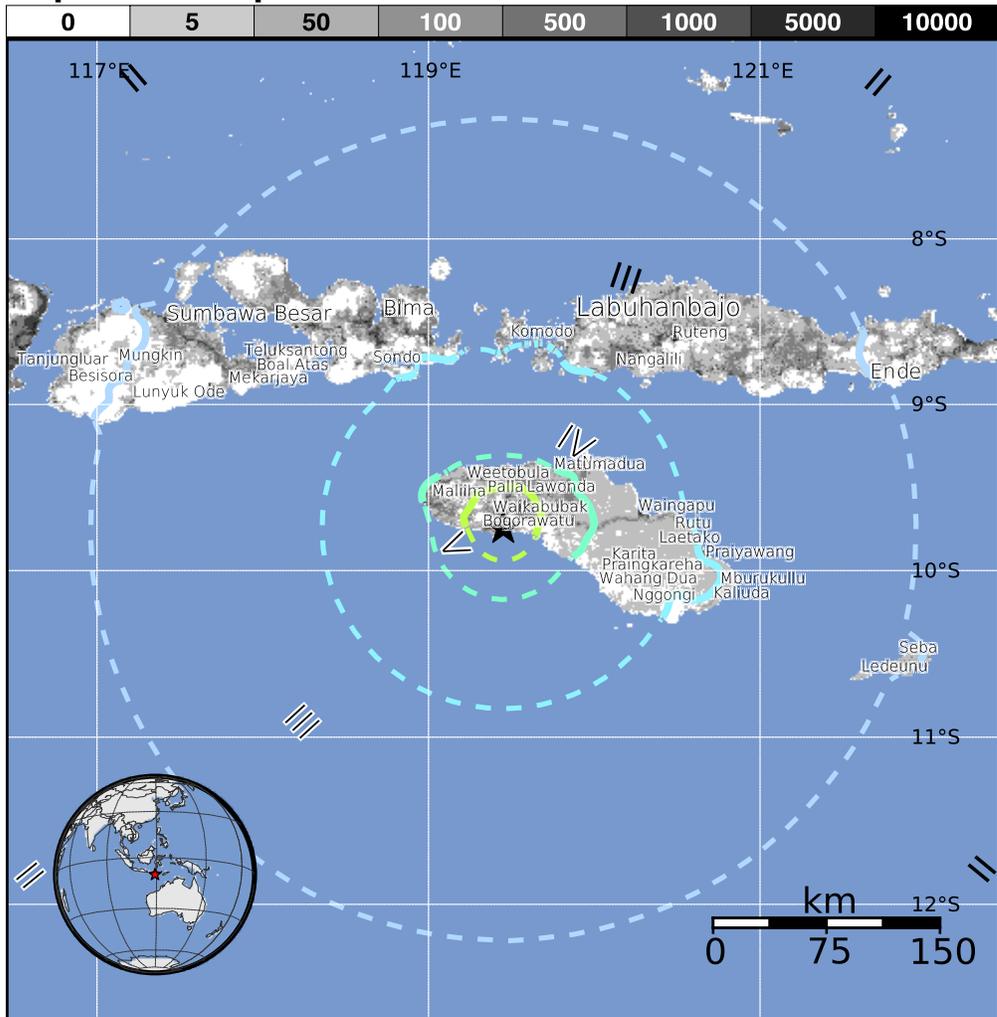


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)	--*	4,238k	371k	293k	200k	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. The predominant vulnerable building types are concrete/cinder block masonry and nonductile reinforced concrete frame construction.

Historical Earthquakes (with MMI levels):

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1977-08-19	204	8.3	VII(246)	0
1992-12-12	293	7.7	VIII(13k)	0
2002-10-06	195	6.2	IX(641)	0

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
VII Galubakul	< 1k
VI Tanarara	< 1k
VI Tamanimahu	< 1k
VI Wailiang	< 1k
VI Waimadaka	< 1k
VI Waibakul	< 1k
IV Waingapu	49k
III Bima	67k
III Labuhanbajo	189k
III Sumbawa Besar	53k
III Ende	77k

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/us20004zp9>

Event ID: us20004zp9