

**M 6.0, FLORES SEA**

Origin Time: Tue 2016-08-23 19:39:44 UTC (19:39:44 local)

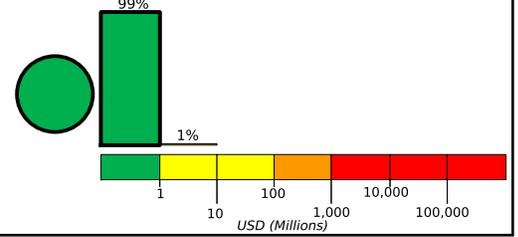
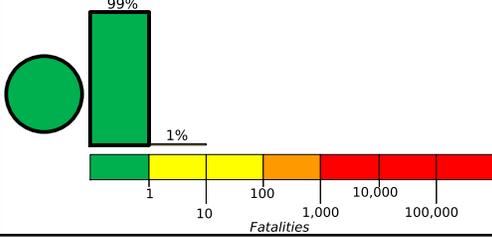
Location: 7.29°S 122.43°E Depth: 533 km

Created: 7 weeks, 0 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**

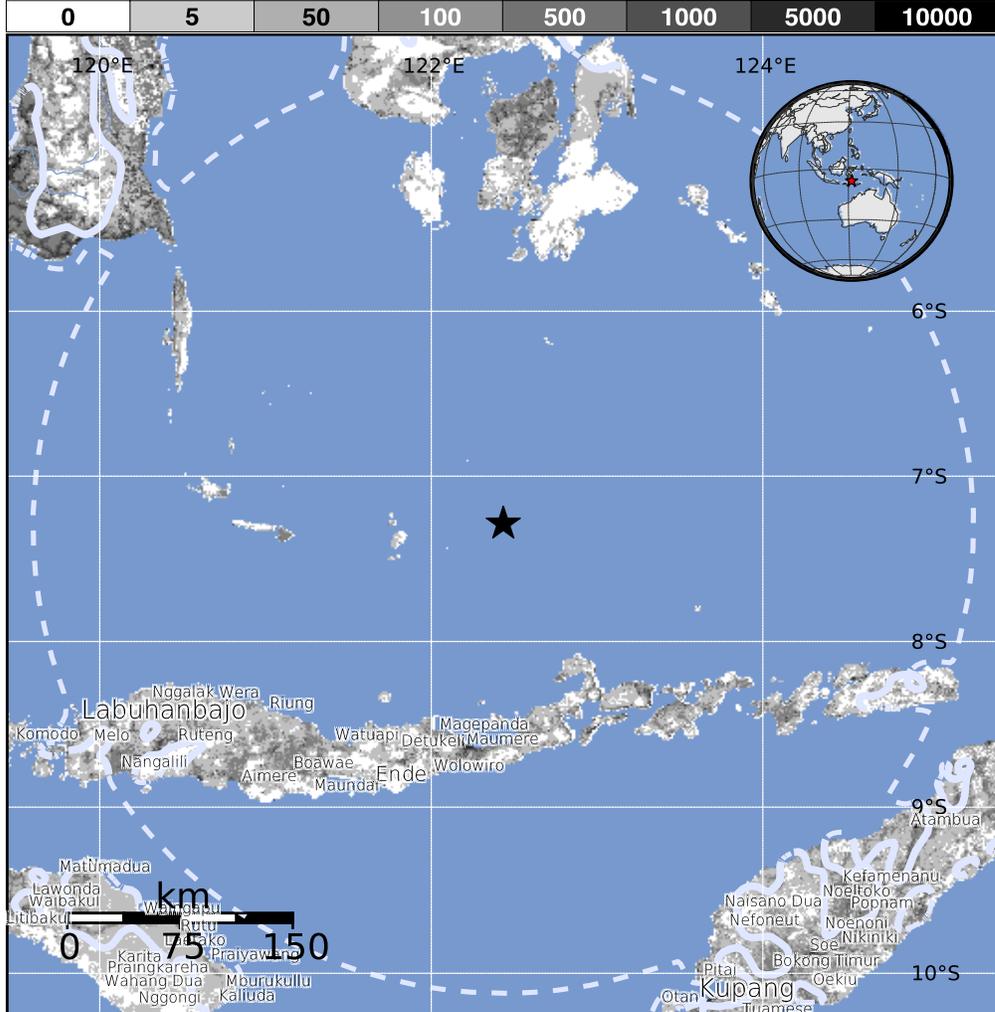


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)	2,003k*	8,685k	0	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	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
2004-11-11	320	5.5	V(109k)	0
1995-05-21	124	5.2	VII(70k)	1
1987-11-26	216	6.5	VIII(6k)	37

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
II Nila Dua	< 1k
<b>II Maumere</b>	<b>48k</b>
II Kotauneng	< 1k
II Kabor	< 1k
II Madawat	< 1k
II Beru	< 1k
<b>II Ende</b>	<b>77k</b>
II Watampone	82k
<b>II Waingapu</b>	<b>49k</b>
<b>II Labuhanbajo</b>	<b>189k</b>
<b>II Kupang</b>	<b>282k</b>

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/us10006g2n>

Event ID: us10006g2n