

M 5.7, KEPULAUAN ALOR, INDONESIA

Origin Time: Tue 2015-11-03 21:25:02 UTC (05:25:02 local)

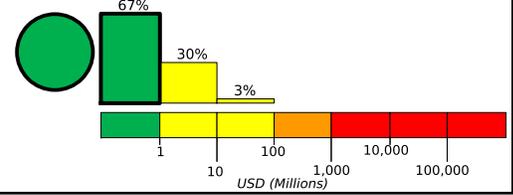
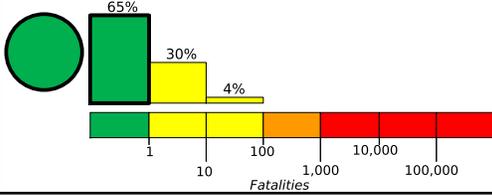
Location: 8.28°S 124.91°E Depth: 10 km

Created: 6 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



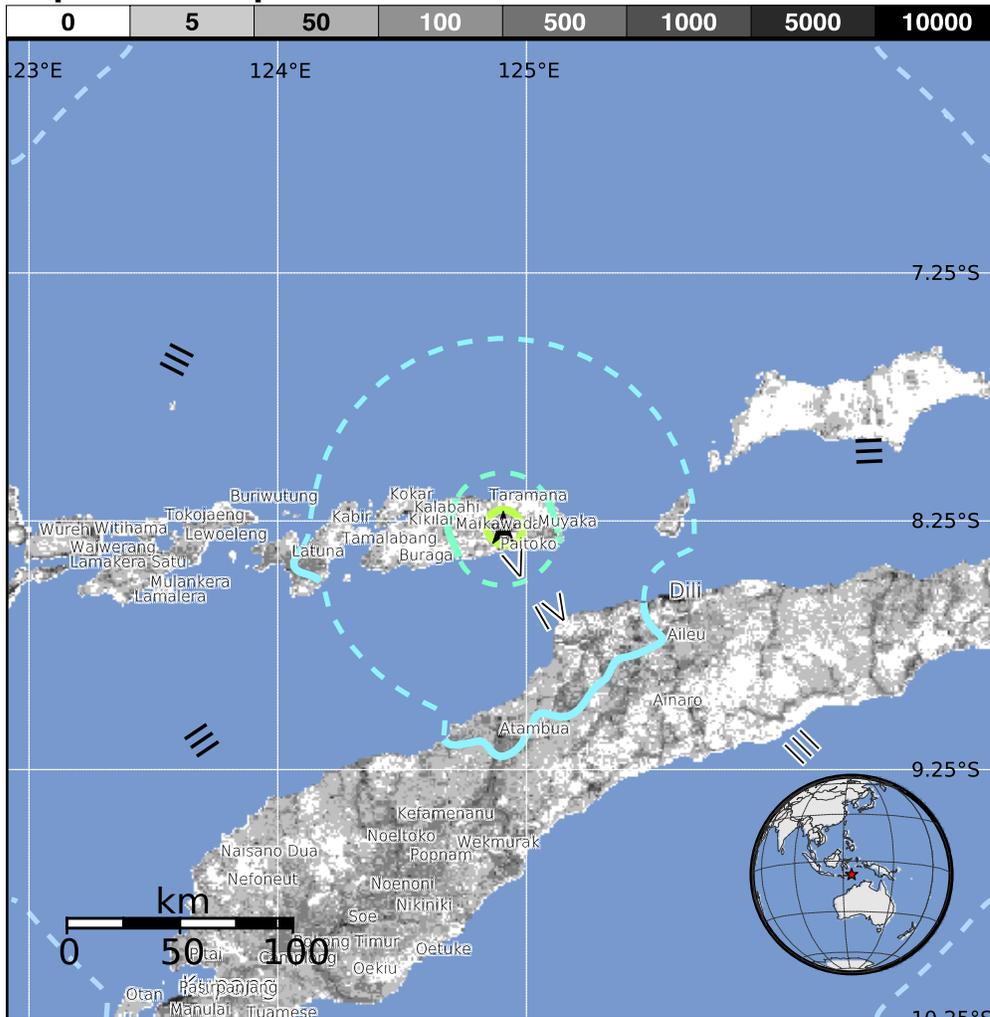
Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)	--*	2,959k	537k	36k	16k	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
	Vulnerable Structures	none	none	none	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure

population per ~1 sq. km from Landsat



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
1999-09-07	253	5.2	IV(69k)	0
1995-05-21	223	5.2	VII(70k)	1
1987-11-26	91	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
VI	Lakateng	< 1k
VI	Paitoko	< 1k
V	Muyaka	< 1k
V	Mademang	< 1k
V	Taramana	< 1k
V	Kemang	< 1k
IV	Atambua	36k
IV	Aileu	< 1k
III	Ainaro	< 1k
III	Dili	150k
III	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.

<http://earthquake.usgs.gov/pager>

Event ID: us200041rk