

# M 6.1, EAST TIMOR REGION

Origin Time: Tue 2008-09-16 11:15:41 UTC

Location: 8.83°S 126.83°E Depth: 44 km

# PAGER Version 1

Created: 17 mins, 10 secs after earthquake

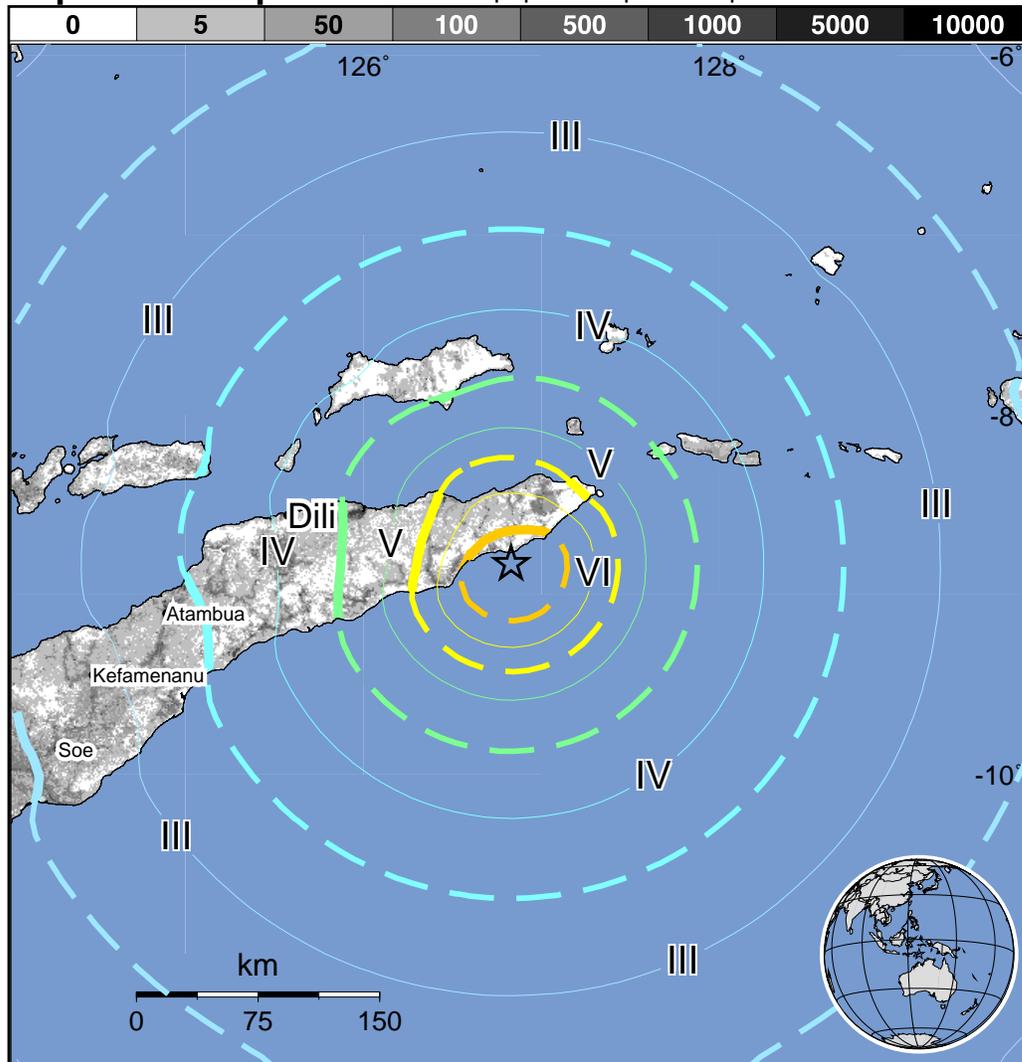
## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	1,171k*	632k	251k	199k	25k	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

population per ~1 sq. km from Landscan 2006

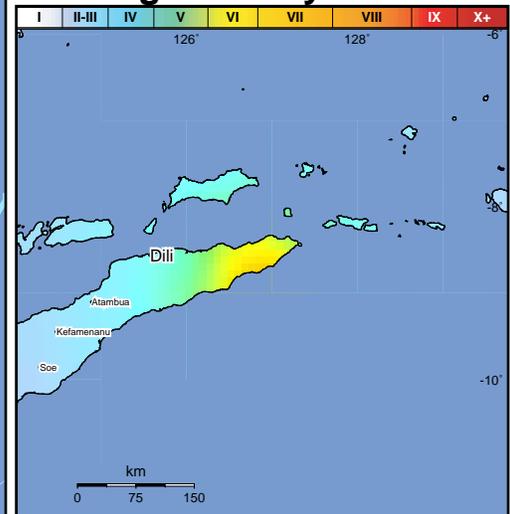


### Selected City Exposure

MMI City	Population
<b>IV Dili</b>	<b>150k</b>
III Atambua	35k
III Kefamenanu	29k
III Soe	27k

bold cities appear on map (k = x1000)

### Shaking Intensity



Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though some resistant structures exist. A magnitude 6.5 earthquake 301 km Northeast of this one struck Indonesia on November 26, 1987 (UTC), with estimated population exposures of 7,000 at intensity VIII and 136,000 at intensity VII, resulting in an estimated 83 fatalities. Recent earthquakes in this area have caused landslides that may have contributed to losses.

This information was automatically generated and has not been reviewed by a seismologist.

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

Event ID: us2008xaaz