

# M 4.5, KEPULAUAN BARAT DAYA, INDONESIA

Origin Time: Tue 2013-10-15 17:13:50 UTC (01:13:50 local)

Location: 7.08°S 125.75°E Depth: 501 km

Created: 5 weeks, 1 day after earthquake

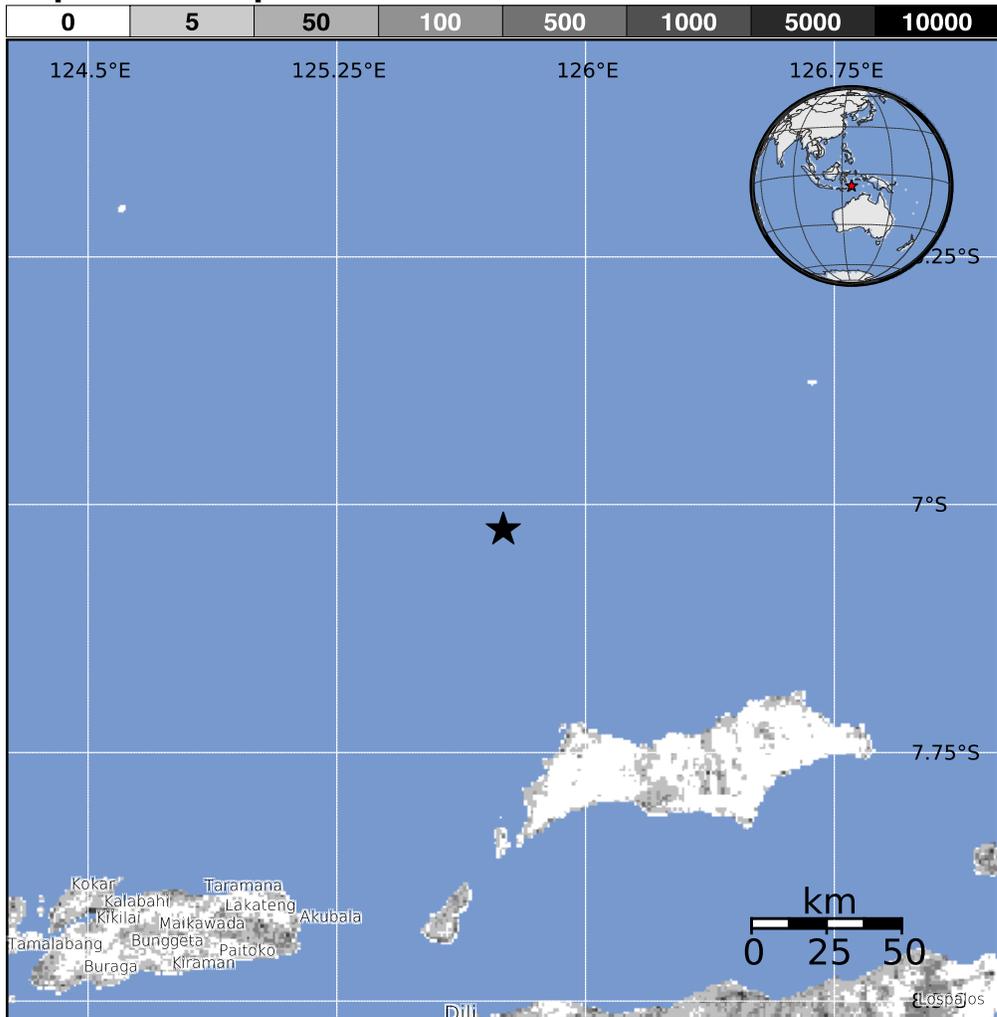


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		360k	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	118	5.5	V(109k)	0
1995-05-21	337	5.2	VII(70k)	1
1987-11-26	221	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
I	Taramana	< 1k
I	Tamalabang	< 1k
I	Paitoko	< 1k
I	Maikawada	< 1k
I	Kokar	< 1k
I	Kikilai	< 1k
I	Dili	150k
I	Lospalos	< 1k
I	Kiraman	< 1k
I	Kalabahi	< 1k
I	Dulong	< 1k

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: usb000kduc