

**M 5.4, BANDA SEA**

Origin Time: Wed 2015-12-09 14:56:58 UTC (14:56:58 local)

Location: 4.05°S 129.51°E Depth: 10 km

Created: 5 weeks, 6 days after earthquake

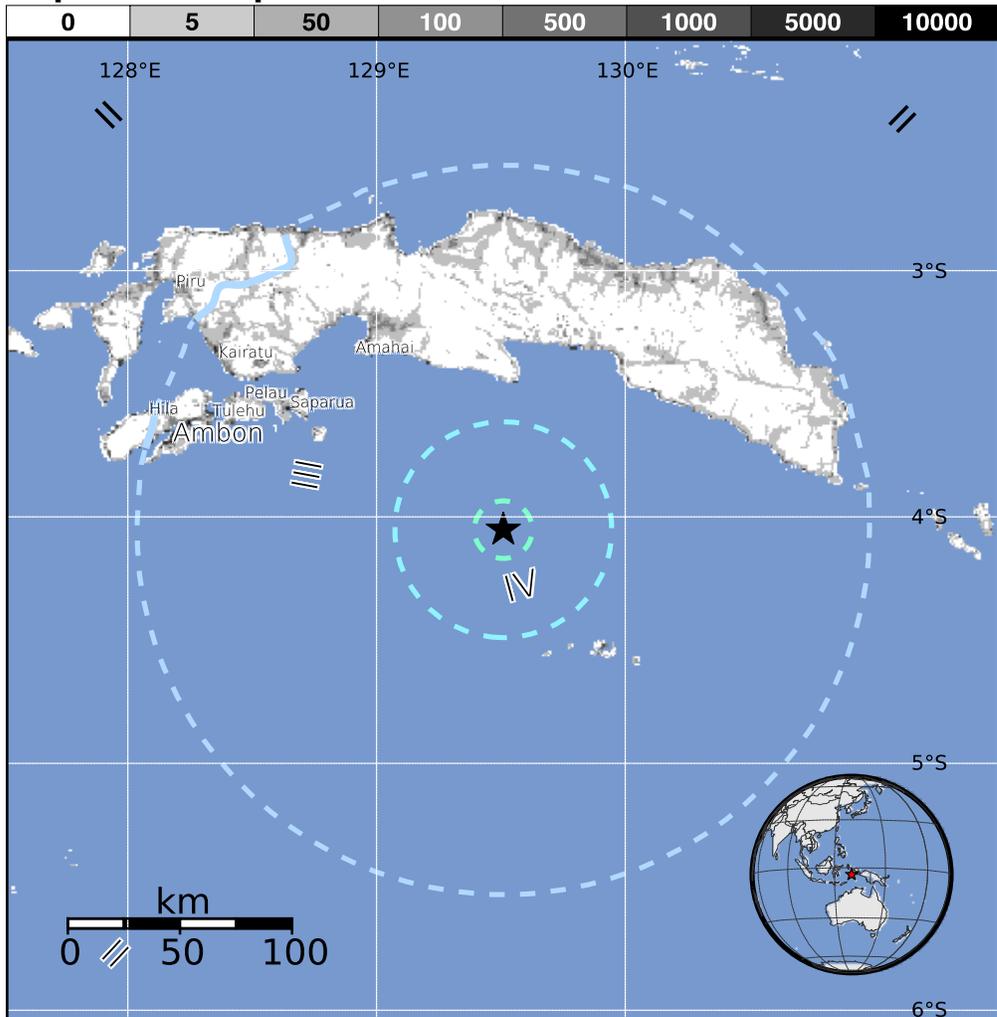


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	1,017k	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
2007-08-17	138	6.4	V(6k)	0
1995-02-13	380	6.7	IX(1k)	0
1994-10-08	361	6.8	VII(5k)	1

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
III Saparua	< 1k
III Amahai	48k
III Pelau	< 1k
III Kairatu	< 1k
III Taniwel	< 1k
III Tulehu	< 1k
III Amahusu	< 1k
III Passo	< 1k
III Ambon	356k
III Hila	< 1k
II Piru	< 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/earthquakes/eventpage/us20004fw7>

Event ID: us20004fw7