

**M 5.4, PAPUA, INDONESIA**

Origin Time: Sun 2016-08-28 07:23:52 UTC (16:23:52 local)

Location: 2.78°S 138.42°E Depth: 39 km

**PAGER**  
**Version 3**

Created: 4 weeks, 4 days after earthquake

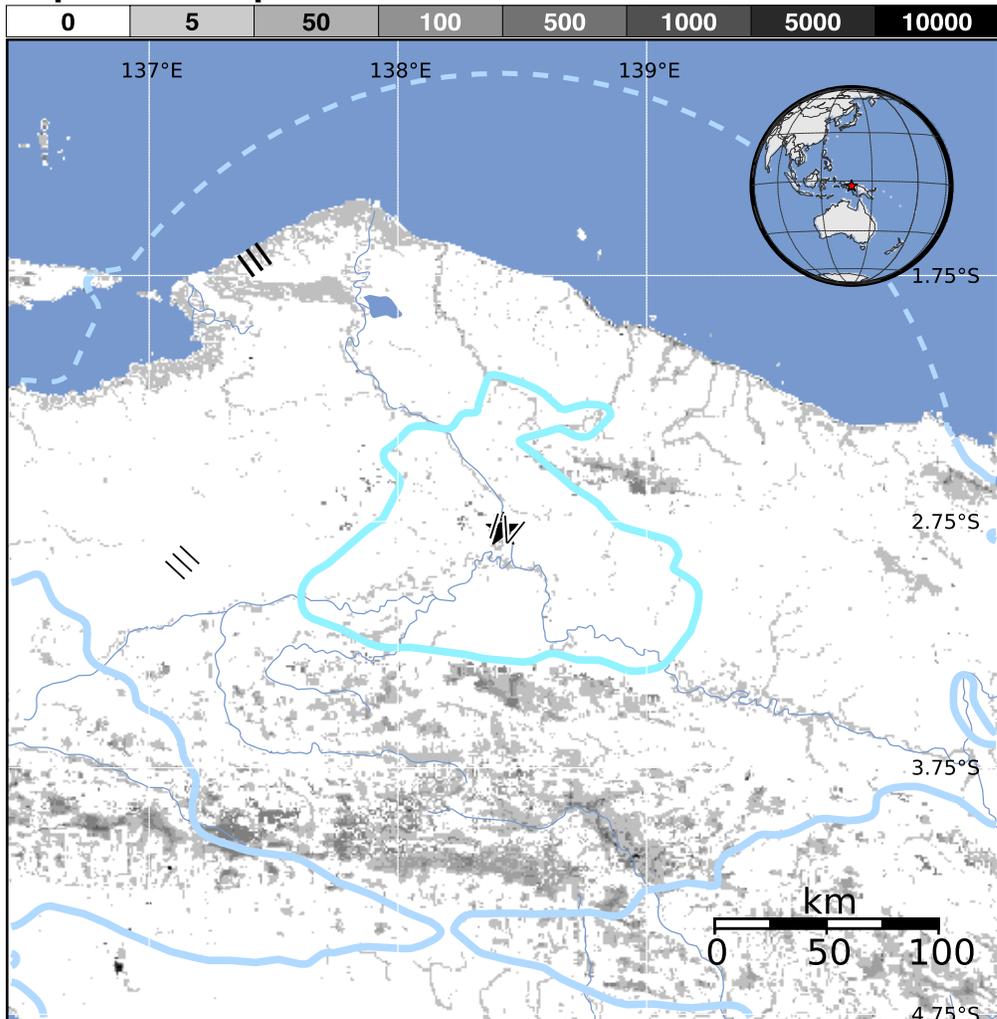


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	1,347k	51k	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
1996-02-24	249	6.2	V(51k)	0
2004-12-01	330	5.5	VII(419)	1
1981-01-19	212	6.6	IX(1k)	1k

Recent earthquakes in this area have caused secondary hazards such as landslides and fires that might have contributed to losses.

**Selected City Exposure**

from GeoNames.org

MMI City	Population

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.