

# M 5.5, 45km SW of Angoram, Papua New Guinea

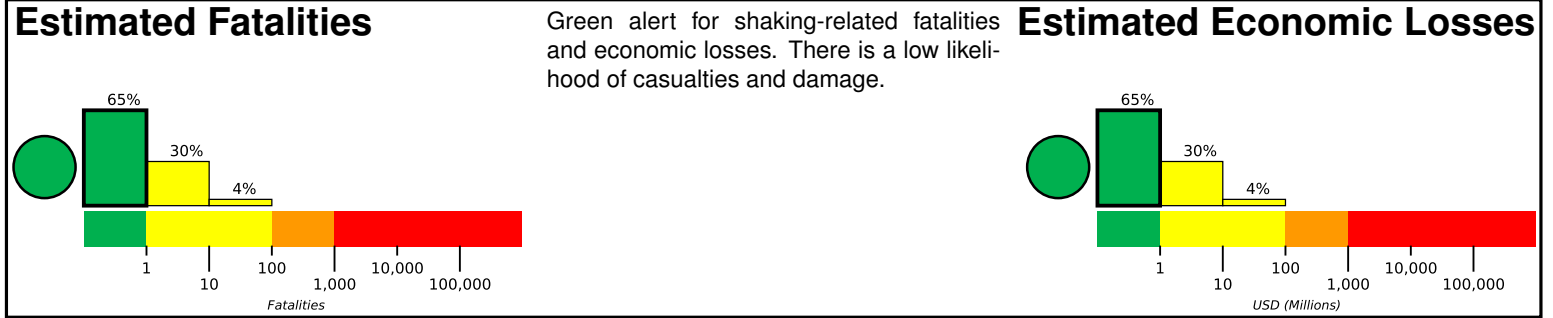
Origin Time: 2017-11-30 05:50:20 UTC (Thu 15:50:20 local)

Location: 4.3873° S 143.8029° E Depth: 116.0 km

FOR TSUNAMI INFORMATION, SEE: [tsunami.gov](http://tsunami.gov)

**PAGER**  
Version 4

Created: 7 weeks, 0 days after earthquake

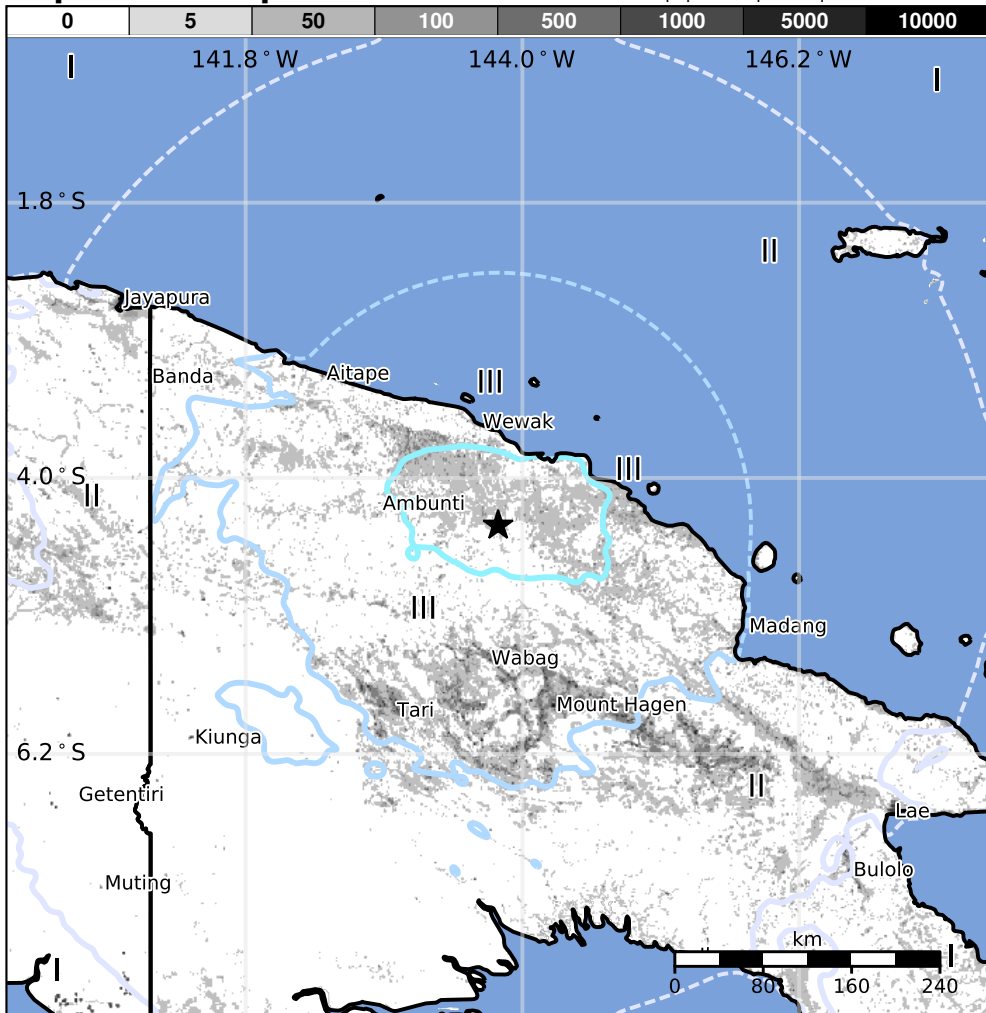


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		448k*	5,252k	226k	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	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./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 a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are informal (metal, timber, GI etc.) and unreinforced brick masonry construction.

## Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2005-06-04	399	6.1	VII(27k)	1
1993-10-16	320	6.3	VII(75k)	3
2002-09-08	157	7.6	IX(17k)	4

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
IV	Angoram	2k
III	Wewak	18k
III	Ambunti	2k
III	Rauna	<1k
III	Wabag	4k
III	Mount Hagen	34k
III	Madang	27k
III	Mendi	26k
III	Goroka	19k
II	Lae	76k
II	Jayapura	135k

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.

<https://earthquake.usgs.gov/earthquakes/eventpage/us1000bj76#pager>

Event ID: us1000bj76