

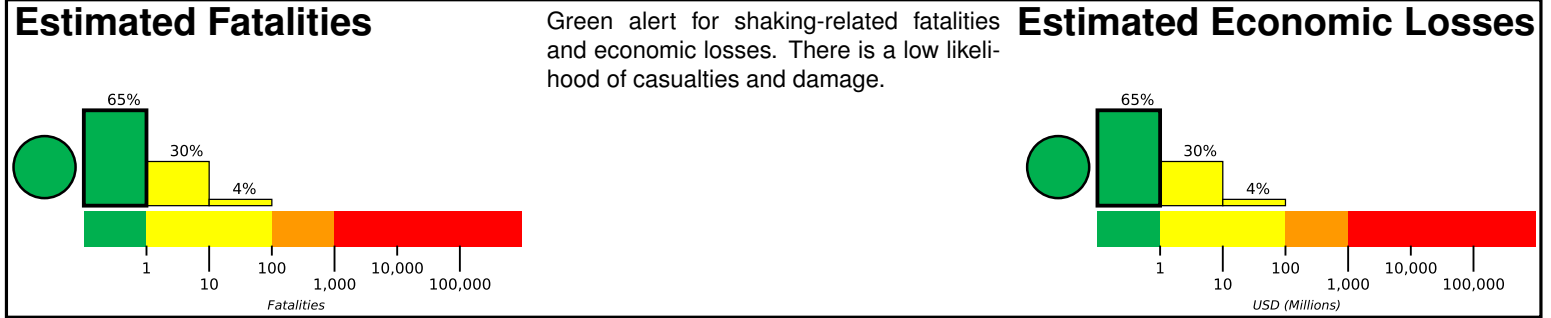
# M 6.0, 177km SSW of Kokopo, Papua New Guinea

Origin Time: 2018-05-09 07:57:55 UTC (Wed 17:57:55 local)

Location: 5.8916° S 151.7962° E Depth: 10.0 km

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

Created: 2 hours, 6 minutes after earthquake

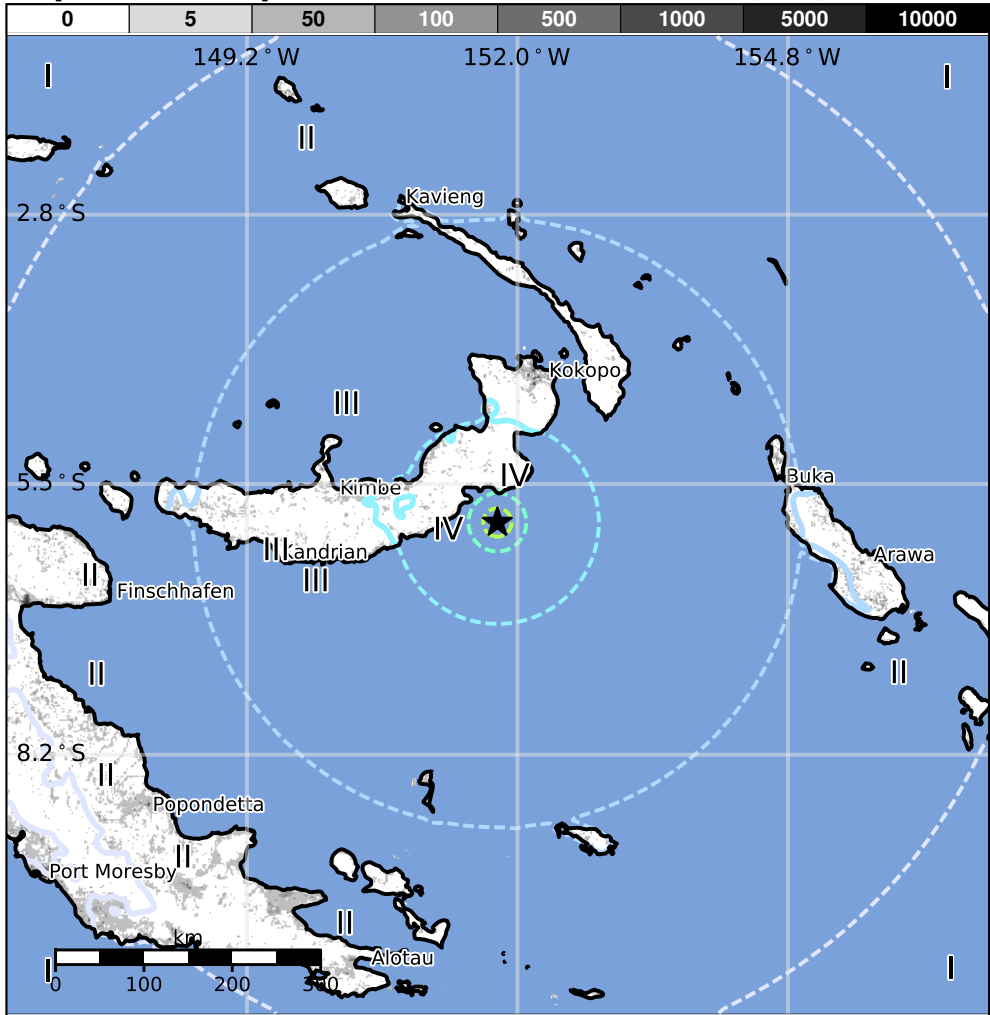


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	240k*	1,916k	88k	1k	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 vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are mud wall and informal (metal, timber, GI etc.) construction.

## Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1996-04-29	372	7.2	VII(57k)	1
1985-05-10	87	7.2	VII(28k)	1
1983-12-21	50	6.2	VII(5k)	10

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	<b>Kokopo</b>	26k
III	Rabaul	8k
III	<b>Kimbe</b>	19k
III	Kandrian	1k
III	Buka	<1k
III	Kavieng	14k
II	Popondetta	28k
II	Lae	76k
II	<b>Alotau</b>	10k
I	Lorengau	6k
I	<b>Port Moresby</b>	284k

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/us1000e17w#pager>

bold cities appear on map.

(k=x1000)

Event ID: us1000e17w