

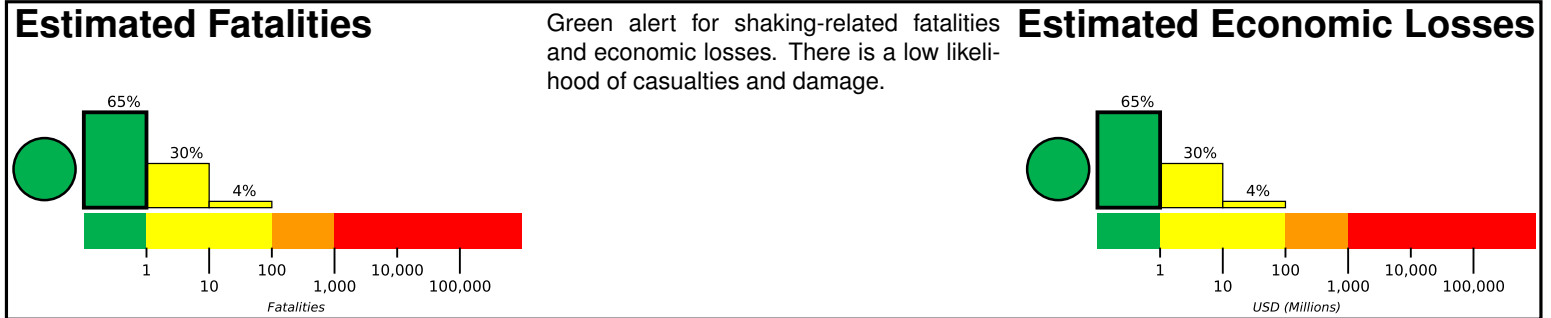
# M 6.3, 85km WSW of Porgera, Papua New Guinea

Origin Time: 2018-04-07 05:48:40 UTC (Sat 15:48:40 local)

Location: 5.8382° S 142.5314° E Depth: 18.1 km

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

Created: 5 weeks, 0 days after earthquake

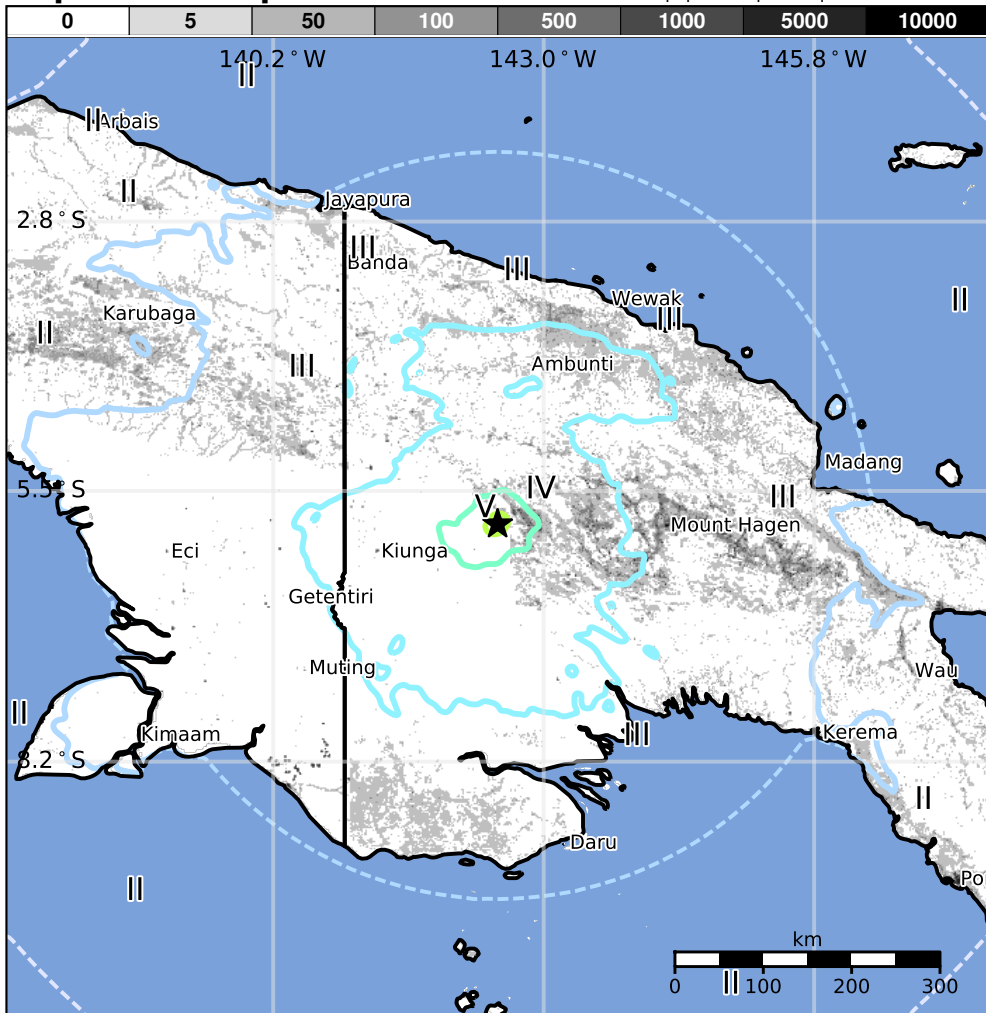


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	6,091k	1,277k	213k	13k	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
2002-01-10	286	6.7	IX(3k)	1
2002-09-08	290	7.6	IX(17k)	4
1981-01-19	388	6.6	IX(1k)	1k

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	Tari	8k
IV	Kiunga	12k
IV	Porgera	2k
IV	Ialibu	7k
IV	Wabag	4k
IV	Rauna	<1k
IV	Mount Hagen	34k
III	Madang	27k
III	Jayapura	135k
III	Lae	76k
II	Port Moresby	284k

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/us2000dvwq#pager>

Event ID: us2000dvwq