

**M 6.3, VANUATU**

Origin Time: Sun 2016-06-19 09:47:23 UTC (09:47:23 local)

Location: 20.28°S 169.08°E Depth: 13 km

**PAGER**  
**Version 4**

Created: 1 week, 6 days after earthquake

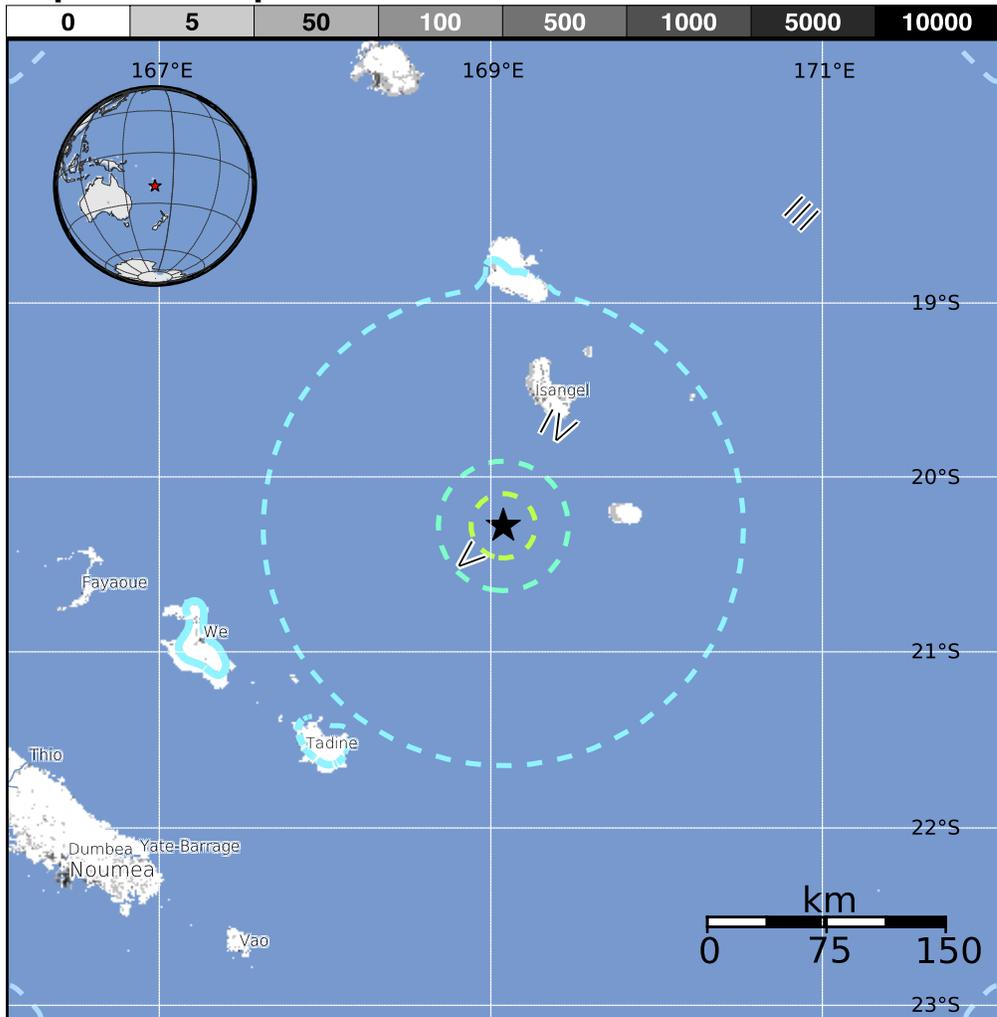


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	249k*	42k	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
1978-09-06	64	6.3	V(17k)	0
1993-12-29	72	7.0	IX(328)	0
2002-01-02	360	7.2	IX(764)	0

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 Isangel	1k
III We	10k
III Tadine	7k
III Port-Vila	36k
III Paita	13k
III Fayaoué	4k
III Dumbea	19k
III Yate-Barrage	2k
III Noumea	93k
III Mont-Dore	25k
III Thio	3k

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/us200065d1>

Event ID: us200065d1