

M 6.0, LOYALTY ISLANDS

Origin Time: Mon 2016-06-20 03:50:55 UTC (03:50:55 local)

Location: 20.21°S 168.76°E Depth: 15 km

PAGER
Version 2

Created: 1 week, 5 days after earthquake

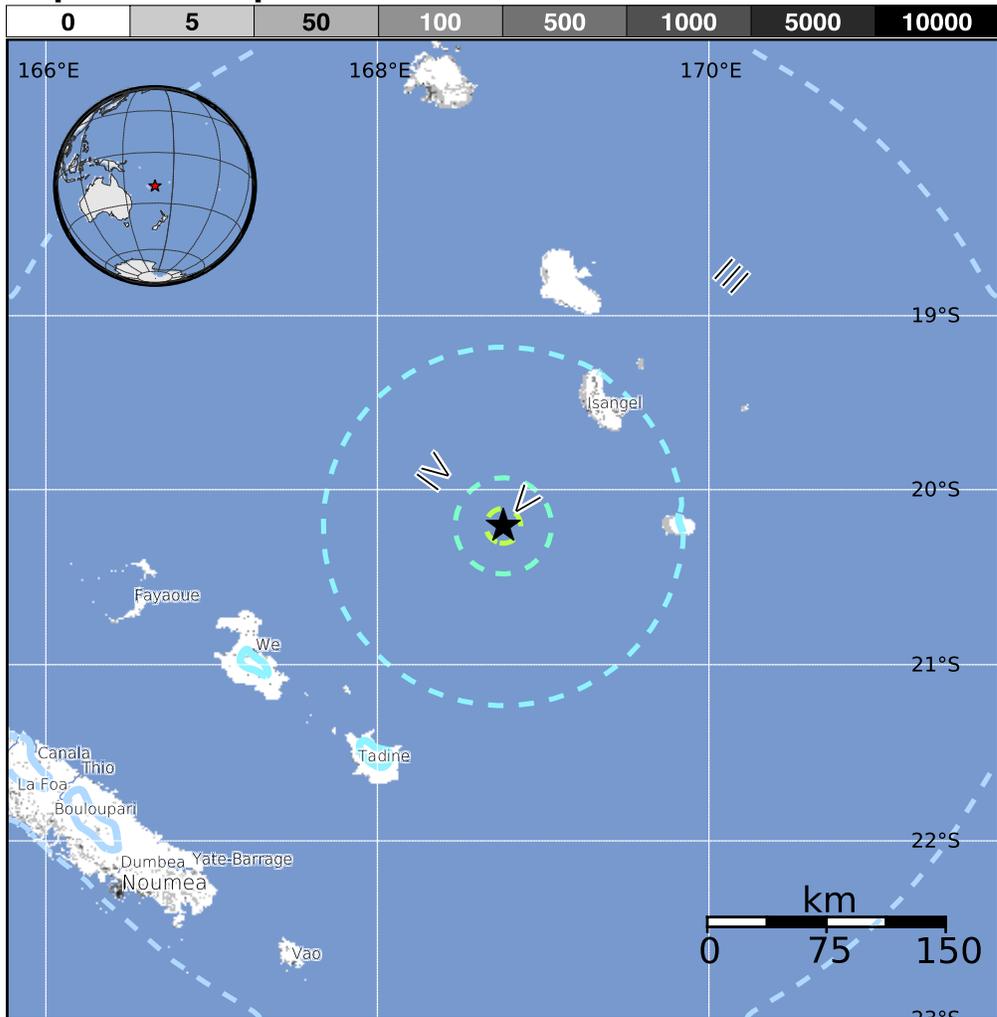


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	276k	36k	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	11	6.3	V(17k)	0
1993-12-29	125	7.0	IX(328)	0
2002-01-02	303	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	Fayaoue	4k
III	Bouloupari	2k
III	Paita	13k
III	Noumea	93k
III	Dumbea	19k
III	Mont-Dore	25k
III	La Foa	3k

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/us200065g0>

bold cities appear on map

(k = x1000)

Event ID: us200065g0