

M 7.1, 209km W of Ile Hunter, New Caledonia

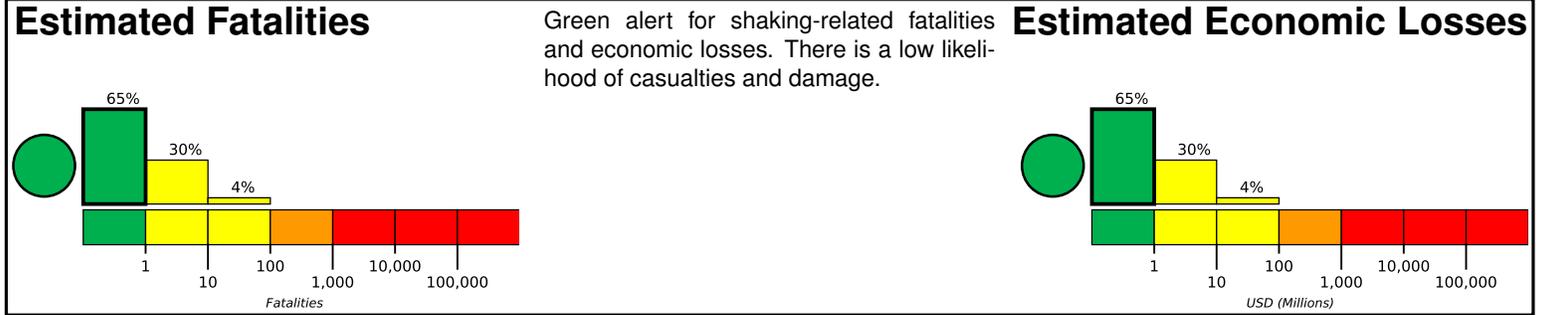
Origin Time: 2018-08-29 03:51:56 UTC (Wed 14:51:56 local)

Location: 22.0663° S 170.0502° E Depth: 26.7 km

FOR TSUNAMI INFORMATION, SEE: tsunami.gov

Created: 21 minutes, 52 seconds after earthquake

PAGER Version 1

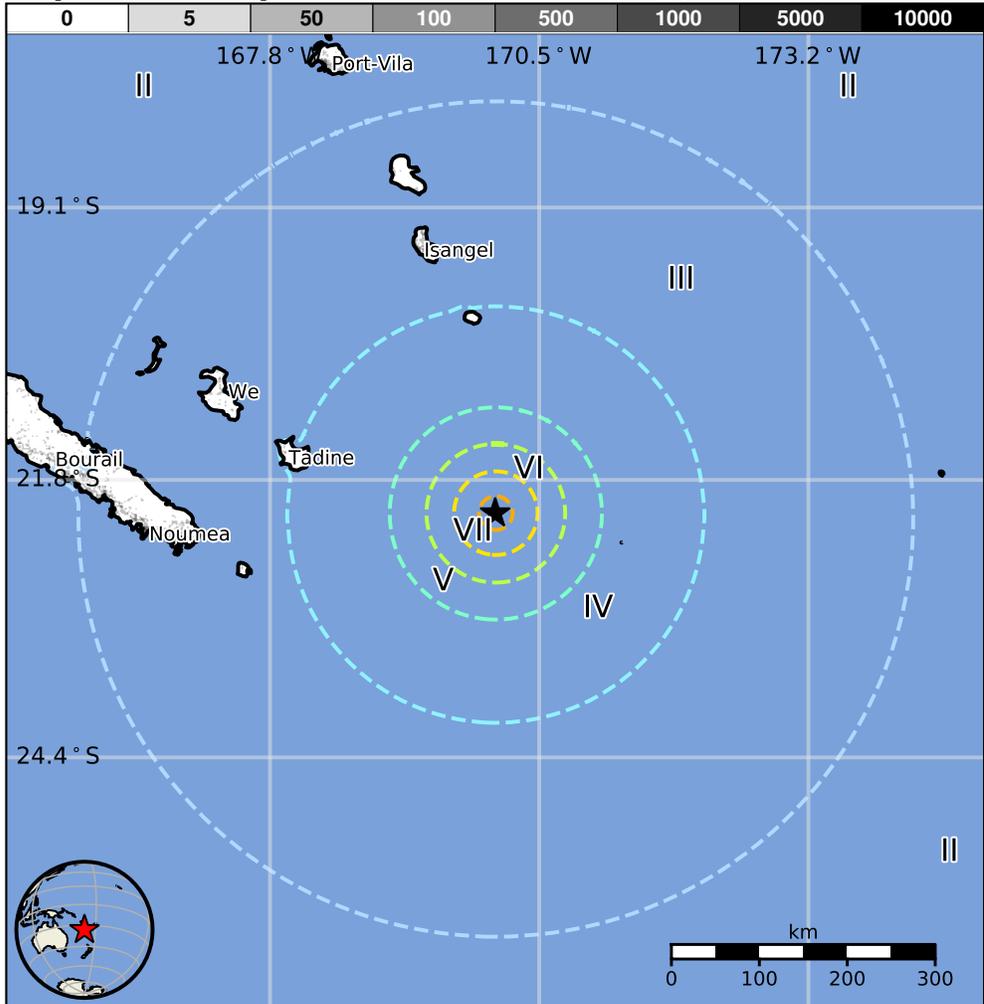


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	340k	6k	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 highly vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are informal (metal, timber, GI etc.) and wood construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1980-03-08	157	7.2	I(0)	—
1992-10-19	295	6.1	VII(4k)	—
1973-12-09	239	6.9	VII(10k)	—

Recent earthquakes in this area have caused secondary hazards such as tsunamis that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Tadine	7k
III	Isangel	1k
III	Vao	2k
III	We	10k
III	Yate-Barrage	2k
III	Noumea	93k
III	Paita	13k
III	Dumbea	19k
III	Mont-Dore	25k
III	La Foa	3k
II	Port-Vila	36k

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/us1000gjazz#pager>

Event ID: us1000gjazz