

M 6.2, VANUATU

Origin Time: Mon 2008-09-08 03:03:16 UTC
Location: 20.03°S 169.12°E Depth: 35 km

PAGER Version 1

Created: 8 hrs, 30 mins after earthquake

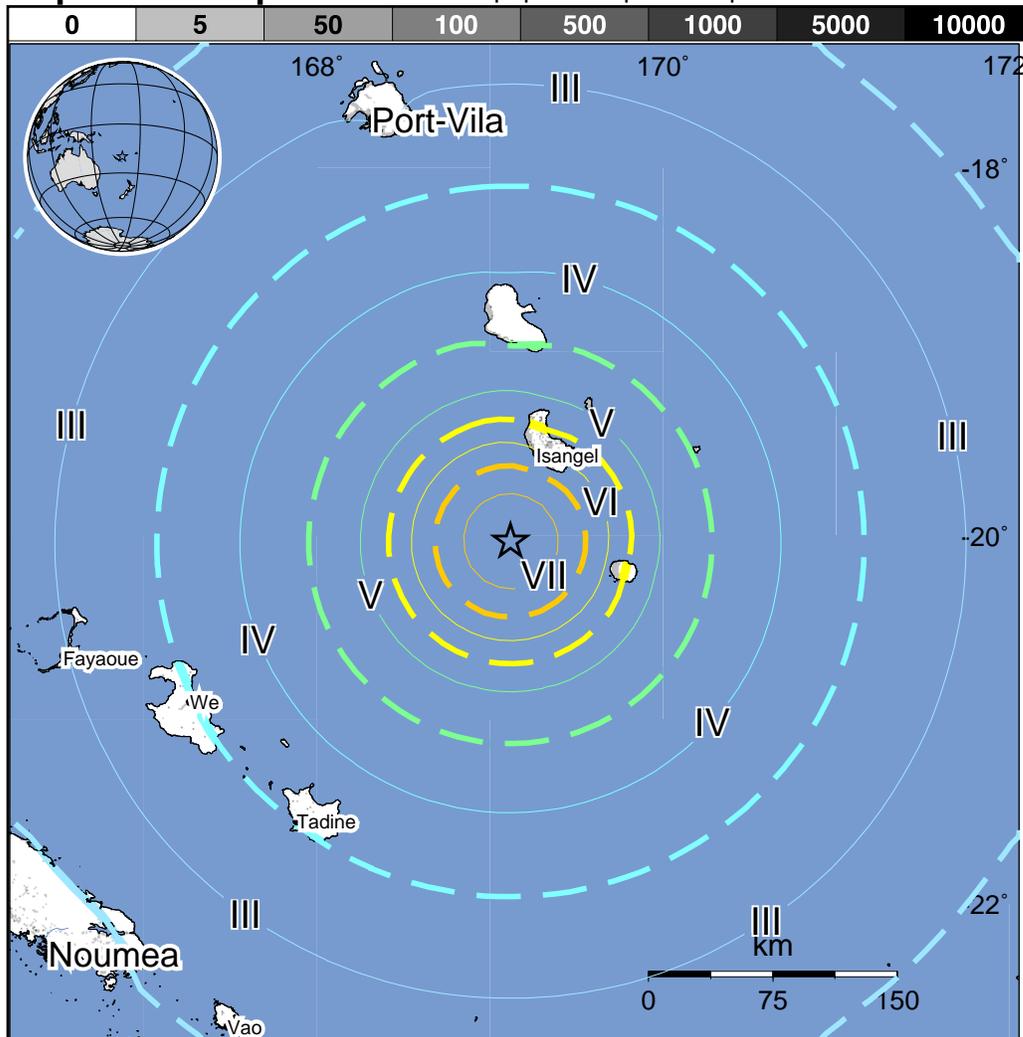
Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	182k*	16k	4k	23k	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

population per ~1 sq. km from Landscan 2006

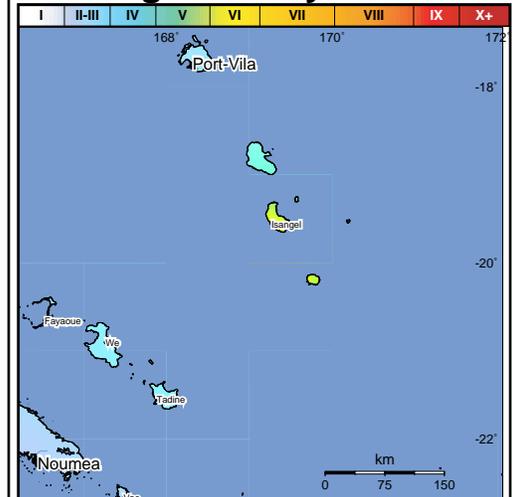


Selected City Exposure

MMI City	Population
VI Isangel	1k
IV Tadine	7k
III We	10k
III Fayaoue	4k
III Port-Vila	35k
III Yate-Barrage	1k
II Mont-Dore	24k
II Thio	2k
II Noumea	93k
II Paita	12k
II Dumbea	19k

bold cities appear on map (k = x1000)

Shaking Intensity



Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though some resistant structures exist. On January 02, 2002 (UTC), a magnitude 7.2 earthquake 296 km Northeast of this one struck Vanuatu, with estimated population exposures of 1,000 at intensity IX or greater and 25,000 at intensity VIII, with no reported fatalities. Recent earthquakes in this area have caused landslides that may have contributed to losses.

This information was automatically generated and has not been reviewed by a seismologist.

<http://earthquake.usgs.gov/pager>

Event ID: us2008wsaj