

M 6.9, FEDERATED STATES OF MICRONESIA REGION

Origin Time: Sun 2014-08-03 00:22:03 UTC (10:22:03 local)

Location: 0.83°N 146.17°E Depth: 13 km

**PAGER
Version 5**

Created: 7 weeks, 1 day after earthquake

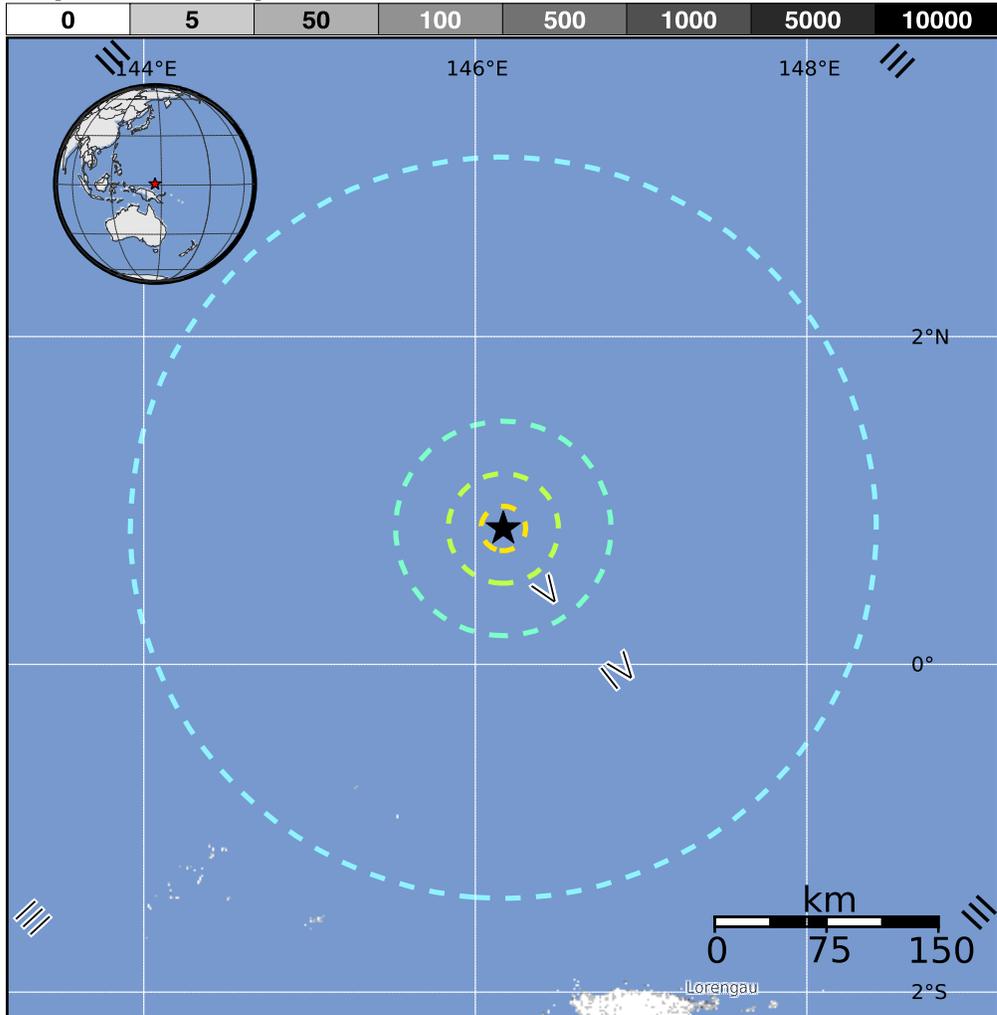


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		- -*	32k*	3k	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):

A magnitude 6.3 earthquake 365 km south of this one struck Papua New Guinea on August 6, 1975 (UTC), with estimated population exposures of 10,000 at intensity V and 304,000 at intensity IV, with no reported fatalities.

Selected City Exposure

from GeoNames.org

MMI City	Population
III Lorengau	6k

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/pager>

Event ID: usb000rzki