

**M 5.9, STATE OF YAP, FED. STATES OF MICRONESIA**

Origin Time: Tue 2013-11-19 15:16:48 UTC (00:16:48 local)

Location: 8.91°N 138.53°E Depth: 10 km

Created: 11 weeks, 6 days after earthquake

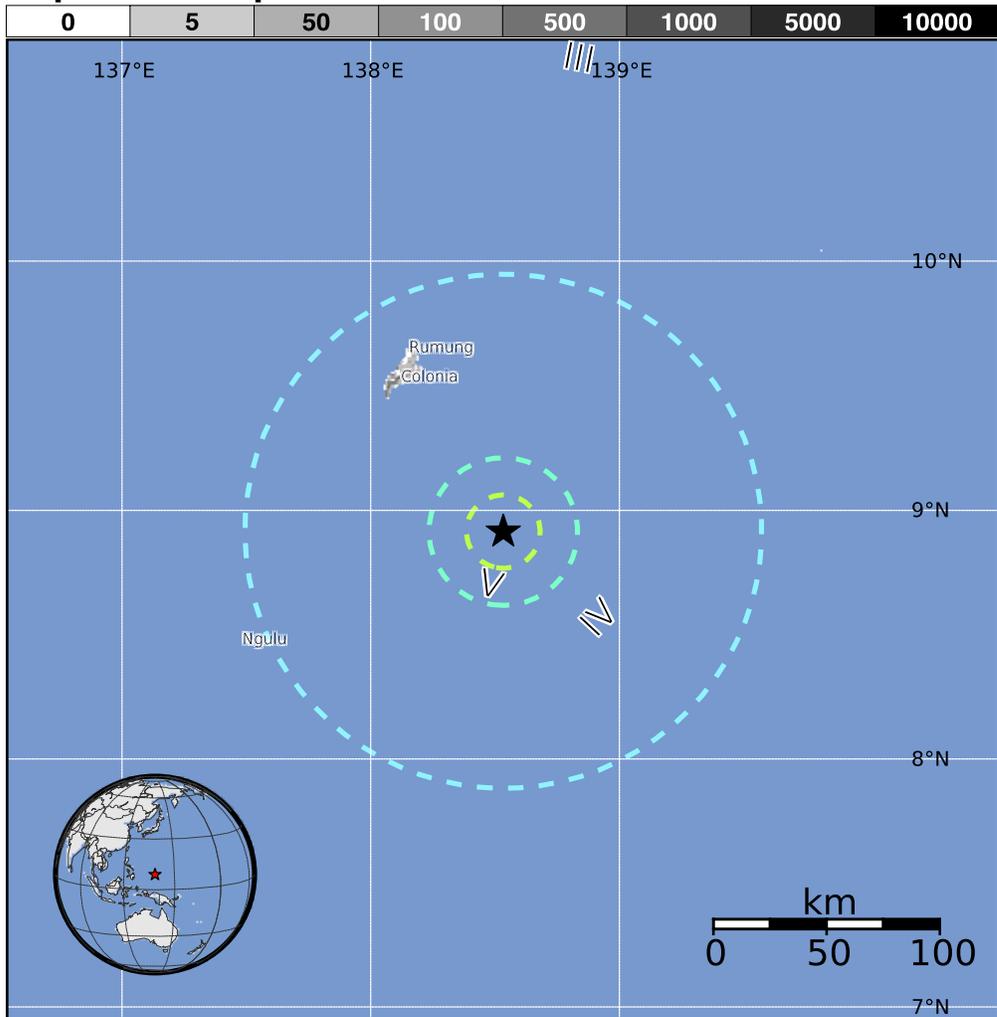


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	0	10k	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
1993-09-26	125	6.3	V(11k)	0
1988-07-03	74	6.5	VI(675)	0
1990-06-13	68	5.5	VII(11k)	0

**Selected City Exposure**

from GeoNames.org

MMI	City	Population
IV	<b>Colonia</b>	< 1k
IV	<b>Rumung</b>	< 1k
III	<b>Ngulu</b>	< 1k
III	Sorol	< 1k
III	Fais	< 1k

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: usb000I22e