Earthquake Shaking **Green Alert**

M 5.2, STATE OF YAP, FED. STATES OF MICRONESIA

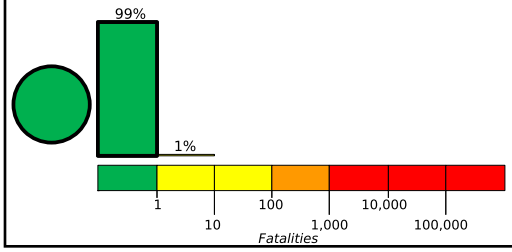
Origin Time: Mon 2014-01-20 15:33:13 UTC (00:33:13 local)

Location: 9.01°N 138.23°E Depth: 22 km

PAGER Version 1

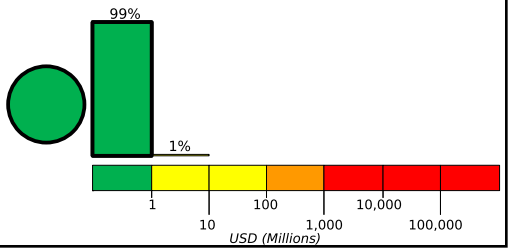
Created: 3 weeks, 2 days after earthquake

Estimated Fatalities



Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses



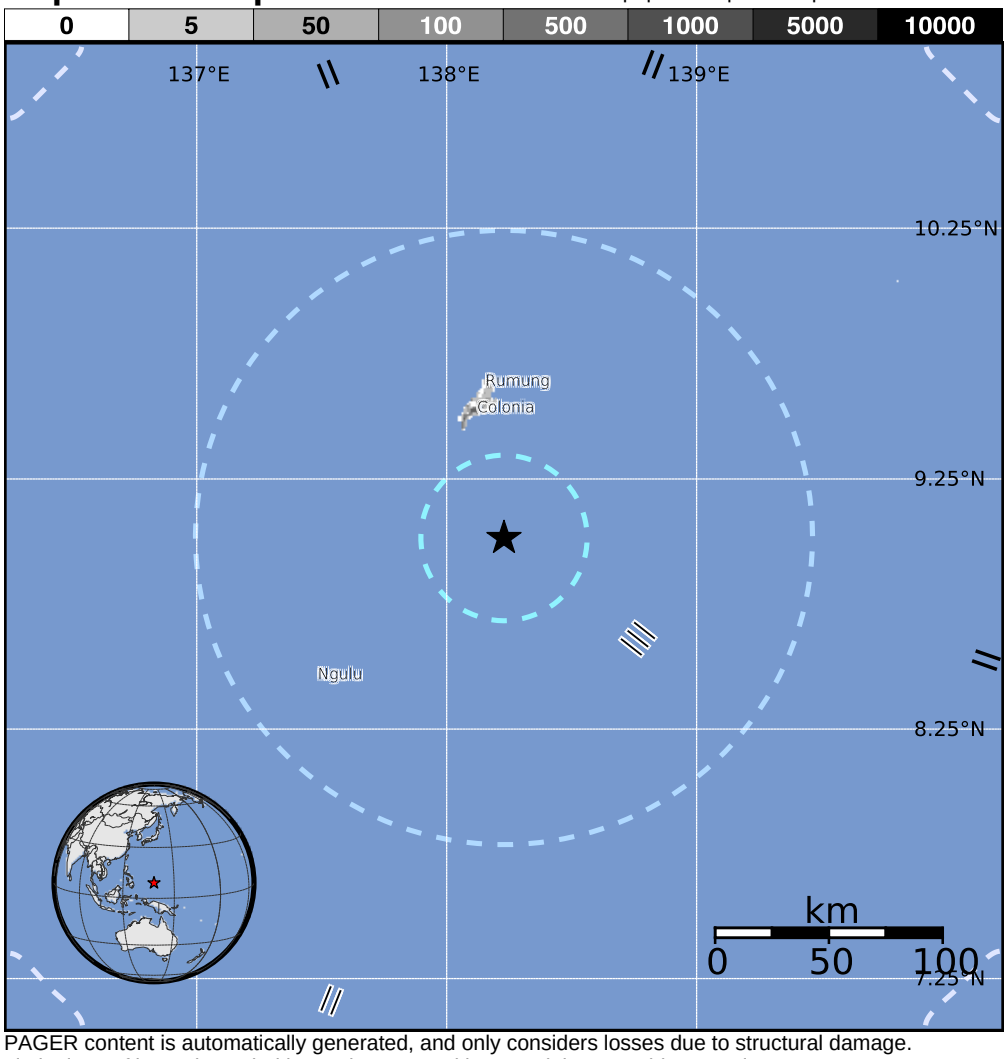
Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		- -*	8k	2k	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

population per ~1 sq. km from Landscan



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	115	6.3	V(11k)	0
1988-07-03	39	6.5	VI(675)	0
1990-06-13	53	5.5	VII(11k)	0

Selected City Exposure

from GeoNames.org

MMI	City	Population
III	Colonia	< 1k
III	Rumung	< 1k
III	Ngulu	< 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: usb000m4u9