

M 7.4, MARIANA ISLANDS REGION

Origin Time: Fri 2007-09-28 13:38:58 UTC
Location: 21.98°N 142.68°E Depth: 261 km

PAGER Version 1

Created: 5 days, 3 hrs after earthquake

Estimated Population Exposed to Earthquake Shaking

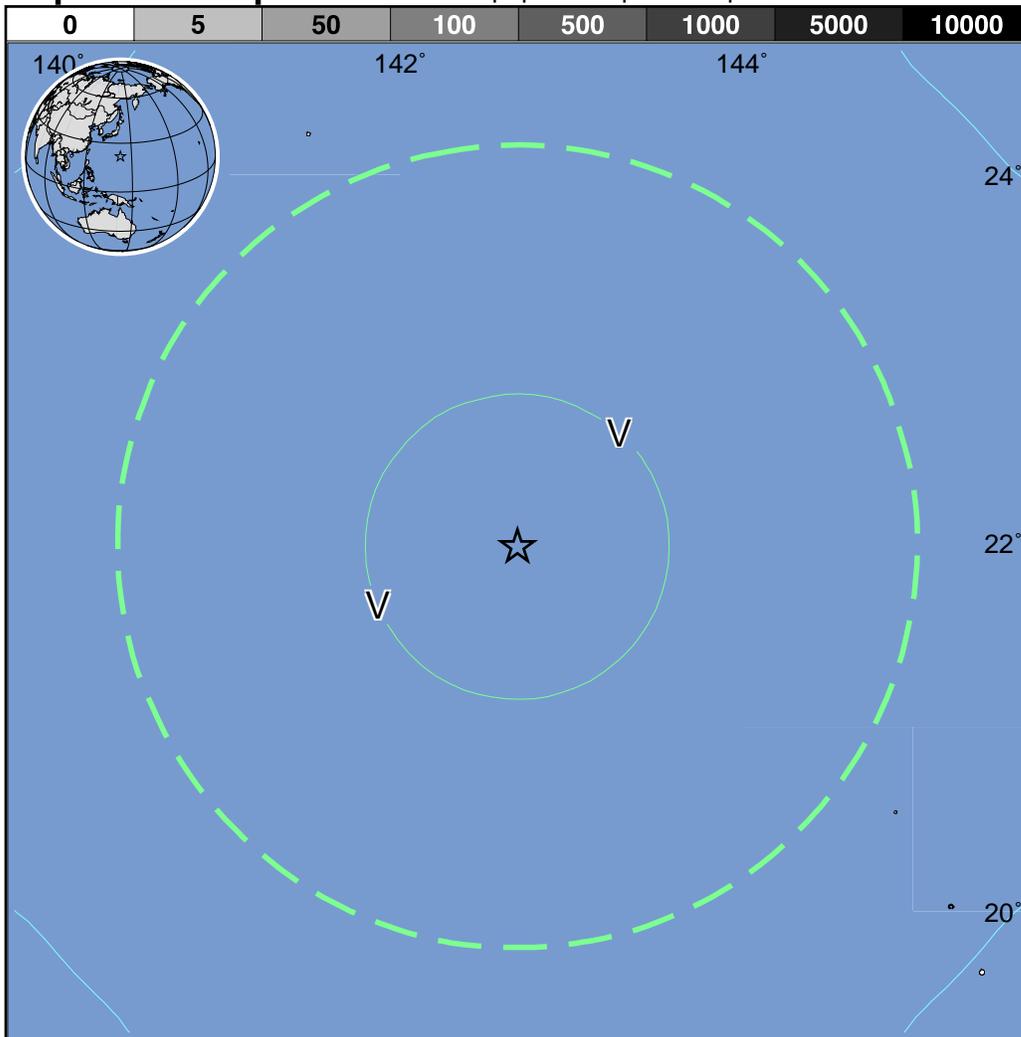
ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	--*	0*	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	none	none	none	V. Light	Light	Moderate	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

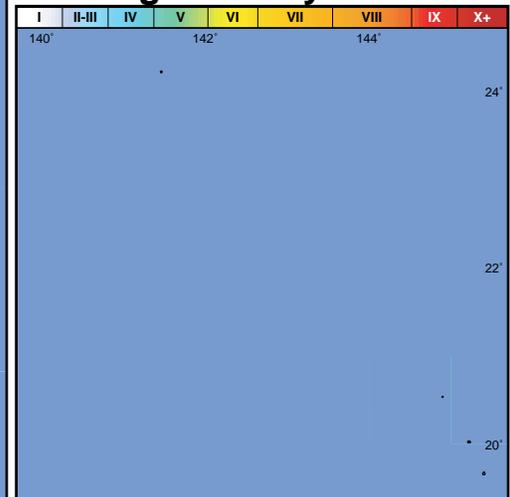
population per ~1 sq. km from Landsat 2005

Selected City Exposure



MMI City	Population
bold cities appear on map (k = x1000)	

Shaking Intensity



The location of this earthquake is in ocean waters more than 200 nautical miles from the nearest coastline. It is unlikely that this event will cause shaking-related damage in populated regions. However, large magnitude ($M > 7.0$) earthquakes at shallow depths may produce ocean-wide tsunami waves that could affect nearby coastal communities. For more information on the latest tsunami warnings, see <http://tsunami.gov/>

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

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

Event ID: us2007hvbq