

# M 6.6, SANTA CRUZ ISLANDS REGION

Origin Time: Sat 2008-07-19 09:27:01 UTC

Location: 11.03°S 164.51°E Depth: 10 km

# PAGER Version 5

Created: 4 days, 23 hrs after earthquake

## Estimated Population Exposed to Earthquake Shaking

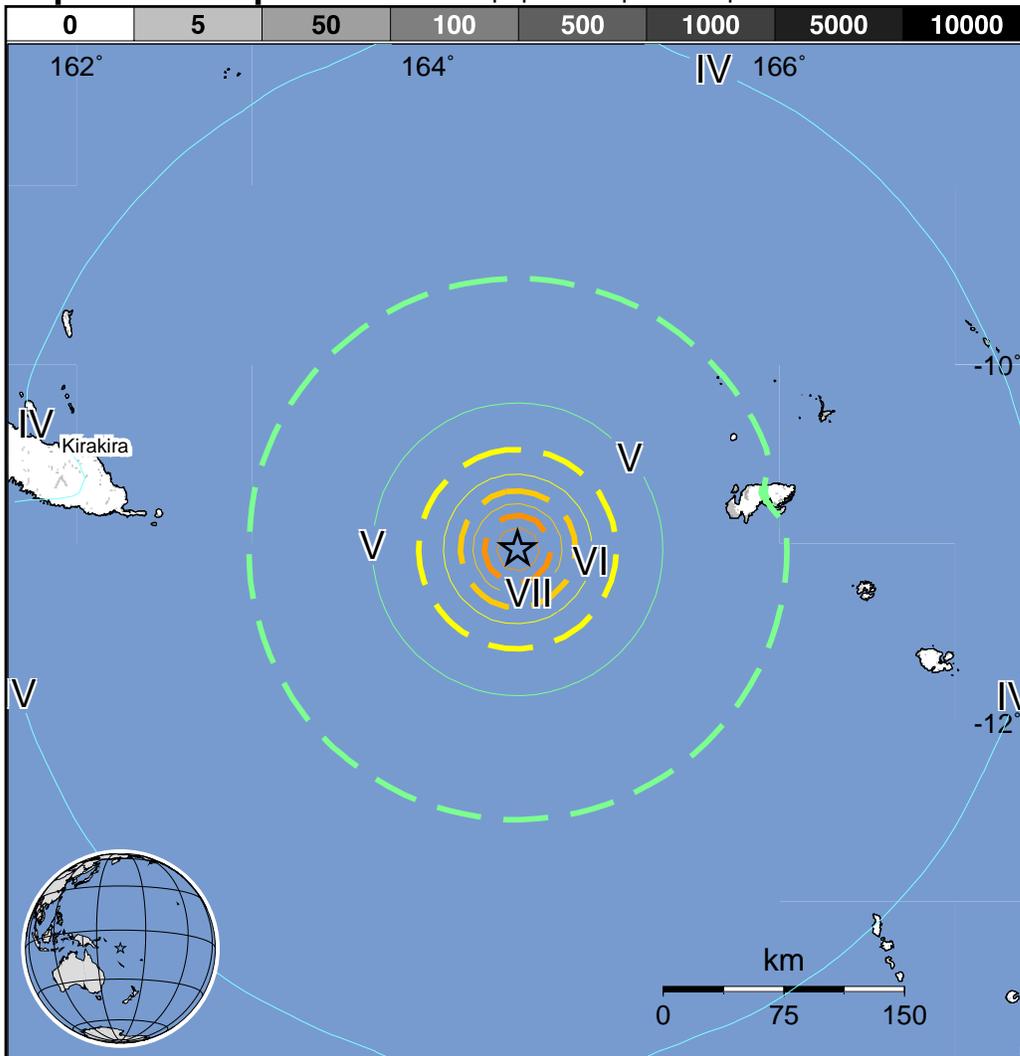
ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	--*	45k*	12k	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	none	none	none	V. Light	Light	Moderate	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 2006

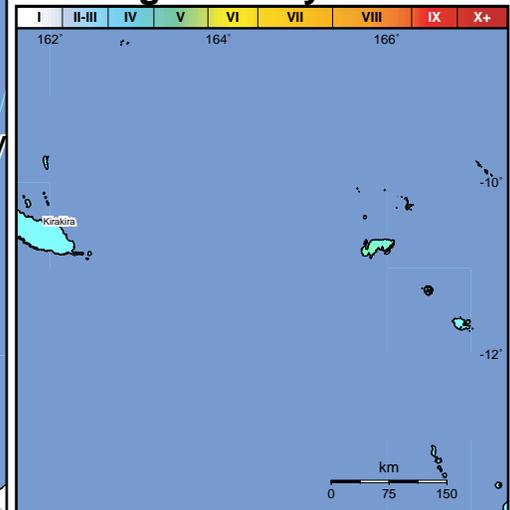
### Selected City Exposure



MMI City	Population
<b>IV Kirakira</b>	<b>1k</b>

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 August 10, 1988 (UTC), a magnitude 7.5 earthquake 397 km Northeast of this one struck the Solomon Islands, with estimated population exposures of 1,000 at intensity VIII and 42,000 at intensity VII, resulting in an estimated 1 fatality.

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