

# M 5.9, SOLOMON ISLANDS

Origin Time: Fri 2009-05-01 06:03:06 UTC  
Location: 10.75°S 162.31°E Depth: 21 km

# PAGER Version 2

Created: 23 hrs, 36 mins after earthquake

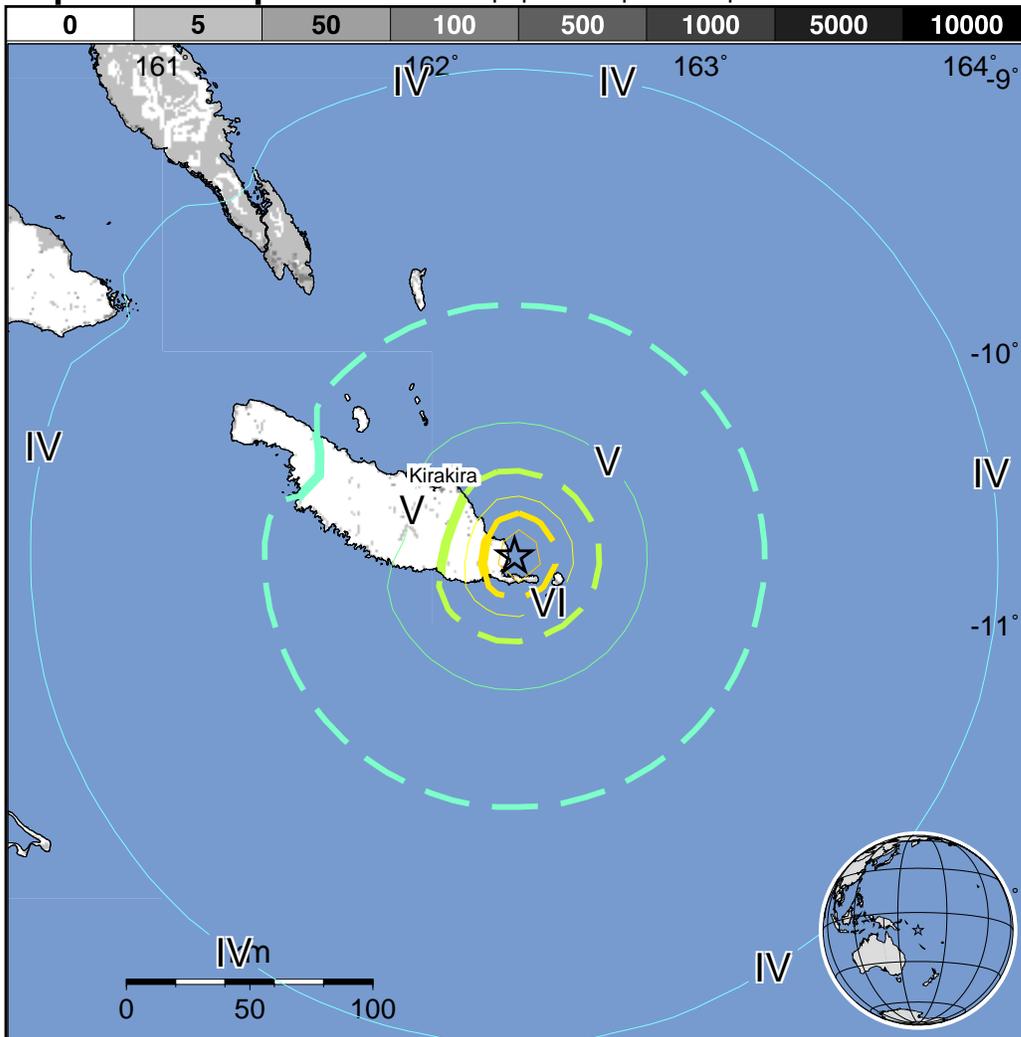
## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	--*	131k*	16k	4k	5k	1k	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 2006

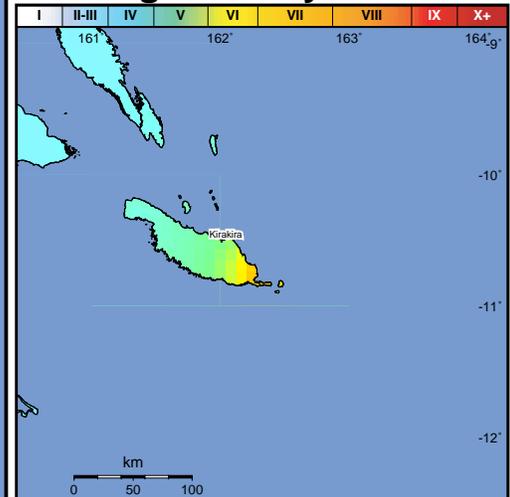


### Selected City Exposure

MMI City	Population
<b>V 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 April 21, 1977 (UTC), a magnitude 7.3 earthquake occurred in the the Solomon Islands region 186 km northwest of the location of this earthquake, with estimated population exposures of 42,000 at intensity VII and 158,000 at intensity VI, resulting in an estimated 18 fatalities.

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

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

Event ID: us2009gcak