

# M 5.5, SOUTH OF THE FIJI ISLANDS

Origin Time: Sun 2015-03-15 02:17:07 UTC (14:17:07 local)

Location: 22.28°S 176.38°W Depth: 112 km

Created: 5 weeks, 5 days after earthquake

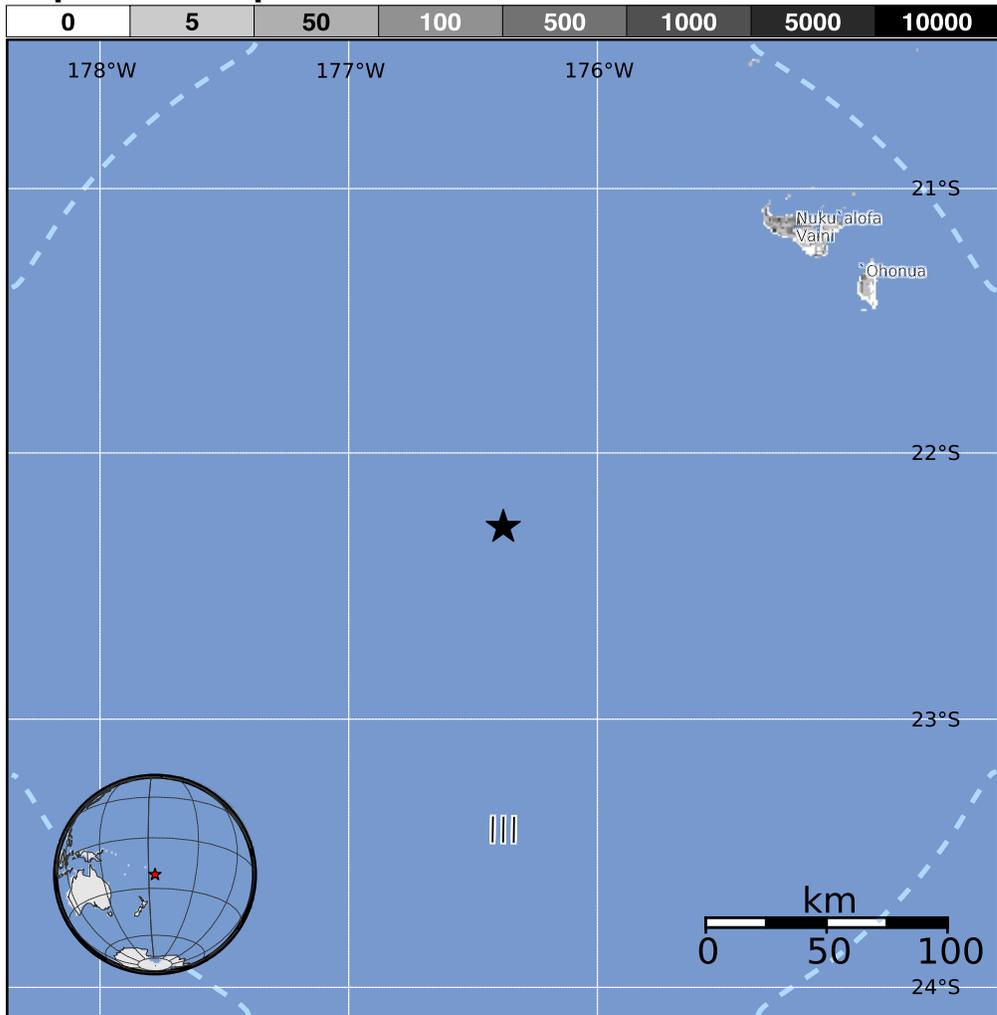


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	84k	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



### 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
1980-03-31	352	6.1	V(4k)	0
1983-03-21	146	6.7	VII(53k)	0
2006-05-03	338	8.0	VIII(9k)	0

## Selected City Exposure

from GeoNames.org

MMI City	Population
<b>III Vaini</b>	3k
III Havelu	3k
<b>III Nuku'alofa</b>	22k
<b>III 'Ohonua</b>	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: us10001mgf