

**M 6.3, SAMOA ISLANDS REGION**

Origin Time: Wed 2009-10-14 18:00:21 UTC

Location: 14.95°S 174.81°W Depth: 10 km

**PAGER  
Version 2**

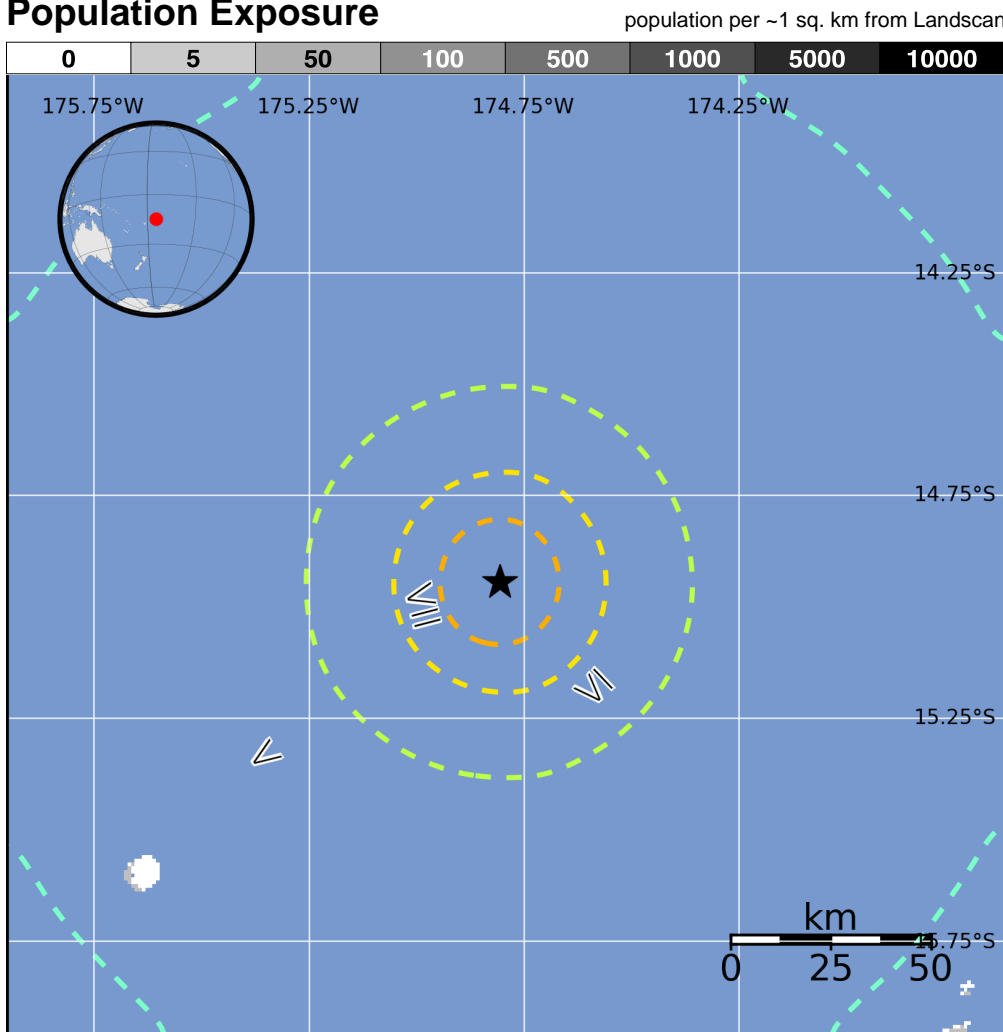
Created: 1 day, 1 hour after earthquake

**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	--*	1k*	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		<b>I</b>	<b>II-III</b>	<b>IV</b>	<b>V</b>	<b>VI</b>	<b>VII</b>	<b>VIII</b>	<b>IX</b>	<b>X+</b>
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.

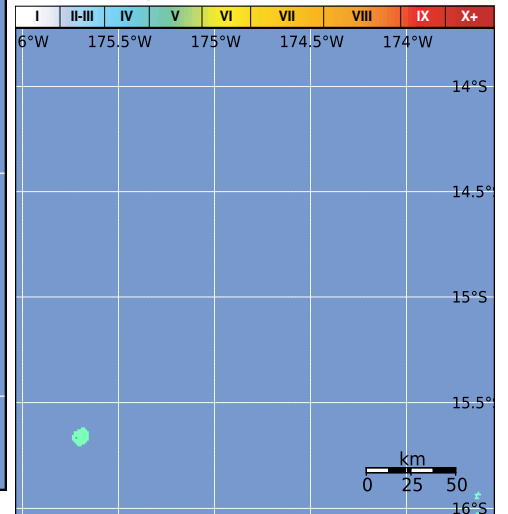
**Population Exposure**



**Selected City Exposure**

MMI City	Population
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 September 28, 2006 (UTC), a magnitude 6.9 earthquake 358 km Southeast of this one struck Tonga, with estimated population exposures of 223,000 at intensity IV and 3,000 at intensity III, with no reported fatalities.

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