

# M 7.6, OFF WEST COAST OF THE SOUTH ISLAND, N.Z.

# PAGER

Origin Time: Wed 2009-07-15 09:22:29 UTC

# Version 5

Location: 45.75°S 166.58°E Depth: 12 km

Created: 8 hrs, 52 mins after earthquake

## Estimated Population Exposed to Earthquake Shaking

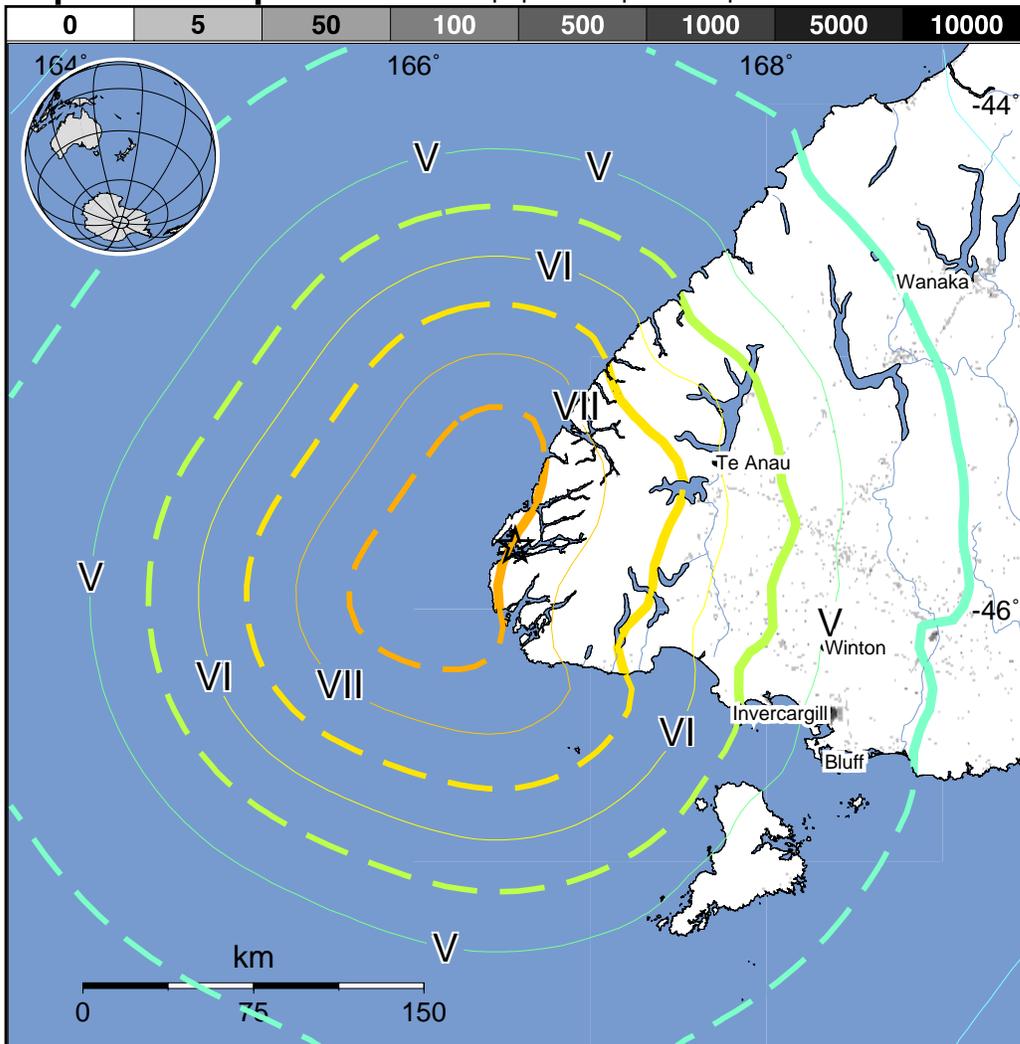
ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	--*	33k*	87k	8k	1k	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	none	none	none	V. Light	Light	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 Landscan 2006

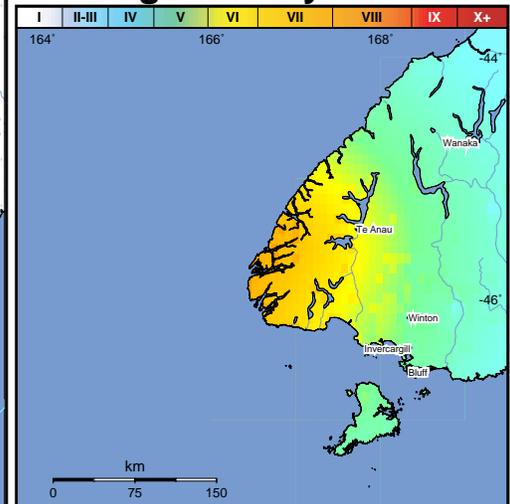
### Selected City Exposure



MMI City	Population
<b>VI Te Anau</b>	<b>2k</b>
V Riverton	1k
V Bluff	1k
V Winton	2k
V Invercargill	47k
<b>IV Wanaka</b>	<b>4k</b>

bold cities appear on map (k = x1000)

### Shaking Intensity



Population exposure estimates are NOT a direct estimate of earthquake damage; comparable shaking will result in significantly lower losses in regions with well built structures than in regions with vulnerable structures.