

**M 5.5, OFF WEST COAST OF THE SOUTH ISLAND, N.Z.**

Origin Time: Tue 2016-06-07 02:55:23 UTC (02:55:23 local)

Location: 45.15°S 166.83°E Depth: 39 km

Created: 3 weeks, 5 days after earthquake

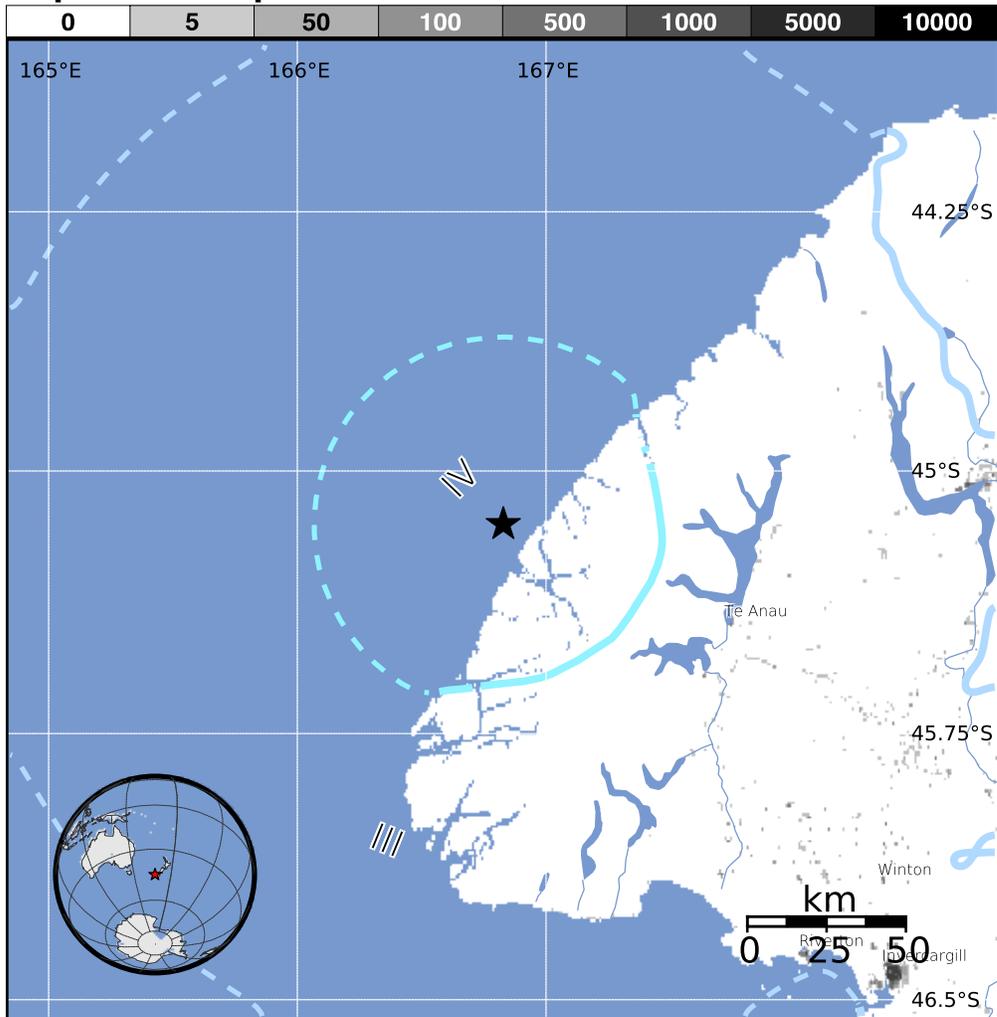


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	92k	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 resistant to earthquake shaking, though some vulnerable structures exist.

**Historical Earthquakes (with MMI levels):**

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2004-11-22	232	7.1	V(785)	0
1989-05-31	25	6.4	VIII(22)	0
1993-08-10	16	6.9	VIII(59)	0

**Selected City Exposure**

from GeoNames.org

MMI City	Population
III Te Anau	2k
III Winton	2k
III Invercargill	47k
III Riverton	2k
III Queenstown	10k
II Arrowtown	2k
II Kingston	2k

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/earthquakes/eventpage/us200062fz>