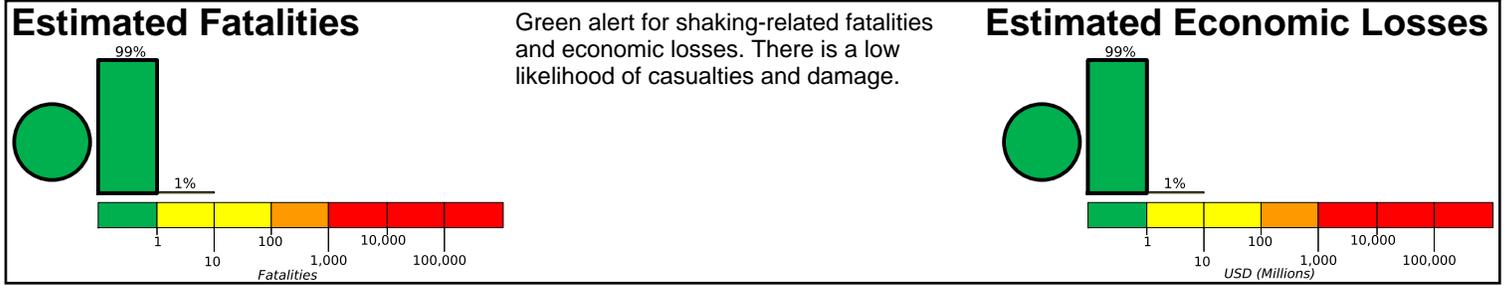


M 5.6, SOUTH ISLAND OF NEW ZEALAND

Origin Time: Mon 2015-05-04 02:29:11 UTC (14:29:11 local)

Location: 44.52°S 168.88°E Depth: 10 km

Created: 8 weeks, 2 days after earthquake

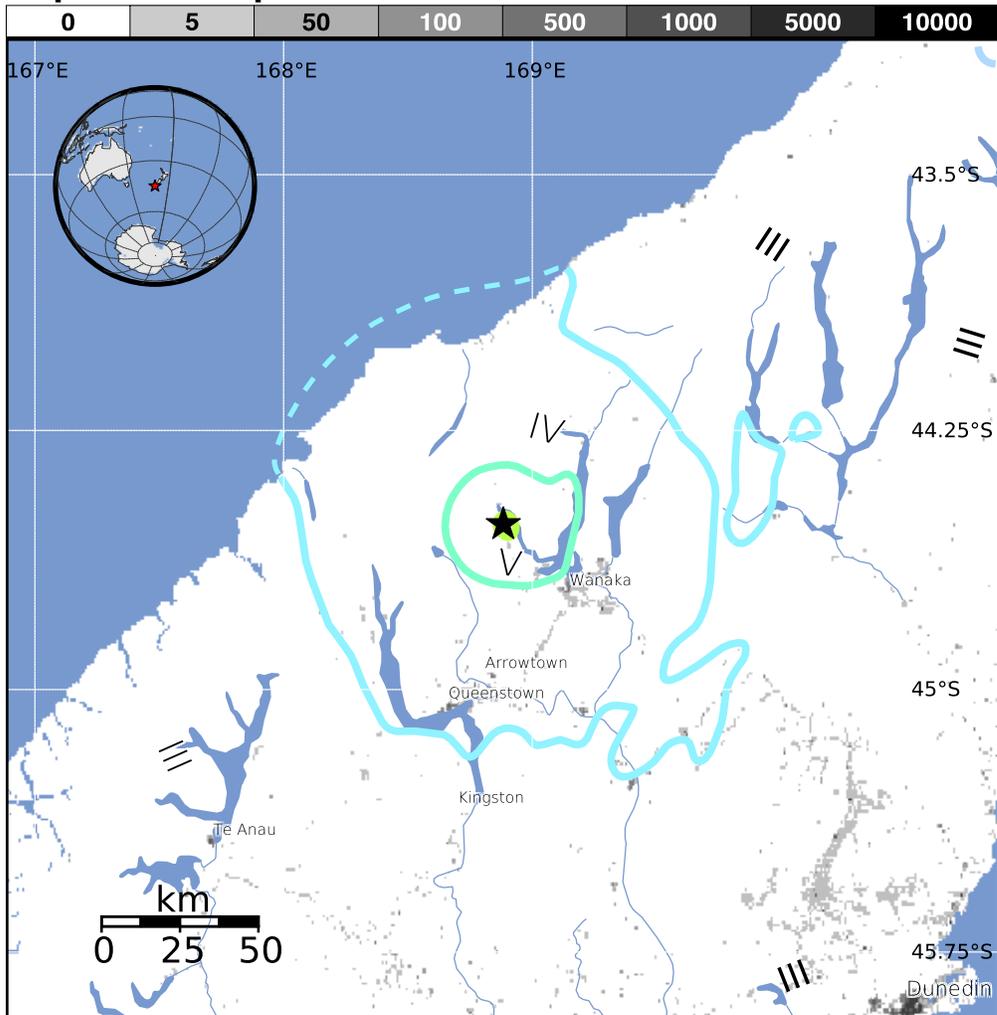


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		- -*	173k*	33k	3k	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	396	7.1	V(785)	0
1989-05-31	165	6.4	VIII(22)	0
1993-08-10	165	6.9	VIII(59)	0

Selected City Exposure

from GeoNames.org

MMI	City	Population
V	Wanaka	4k
IV	Arrowtown	2k
IV	Queenstown	10k
III	Kingston	2k
III	Te Anau	2k
III	Dunedin	114k
III	Portobello	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>