

# M 6.6, 198km NW of Auckland Island, New Zealand

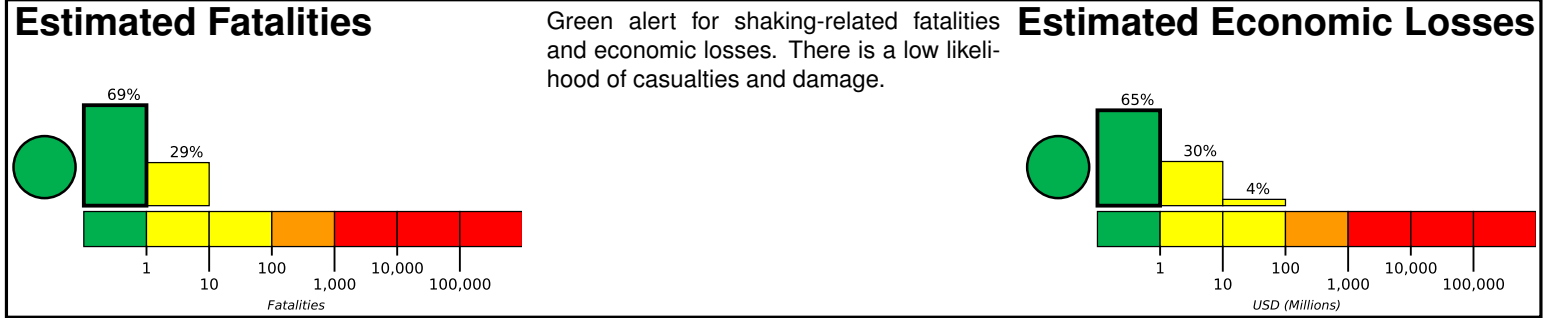
Origin Time: 2017-07-11 07:00:01 UTC (Tue 18:00:01 local)

Location: 49.4802° S 164.0251° E Depth: 10.0 km

FOR TSUNAMI INFORMATION, SEE: [tsunami.gov](http://tsunami.gov)

Created: 1 week, 3 days after earthquake

## PAGER Version 3

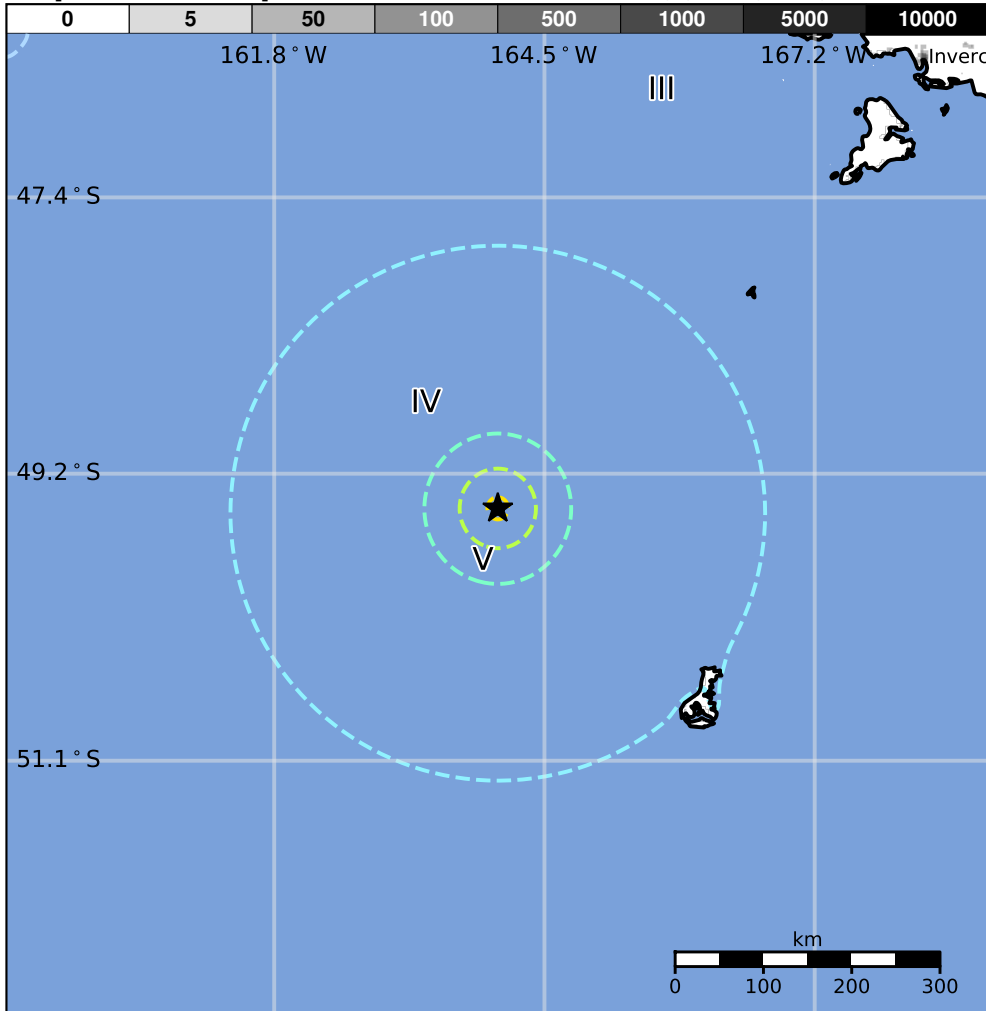


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	63k	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	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./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 highly resistant to earthquake shaking, though some vulnerable structures exist. The predominant vulnerable building types are ductile reinforced concrete frame and reinforced masonry construction.

## Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1981-05-25	96	7.6	I(0)	—
2004-11-22	314	7.1	IV(4k)	—
1979-10-12	337	7.3	V(65k)	—

## Selected City Exposure

from GeoNames.org

MMI	City	Population
III	Riverton	2k
III	Bluff	2k
III	<b>Invercargill</b>	<b>47k</b>

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.

<https://earthquake.usgs.gov/earthquakes/eventpage/us100098qm#pager>

Event ID: us100098qm