

M 5.8, OFF EAST COAST OF THE NORTH ISLAND, N.Z.

Origin Time: Wed 2016-08-31 22:04:35 UTC (22:04:35 local)

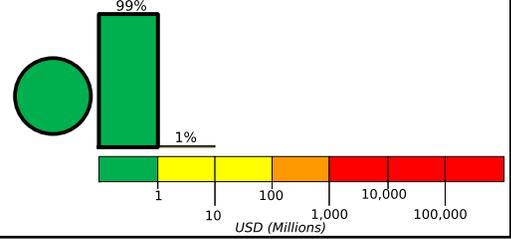
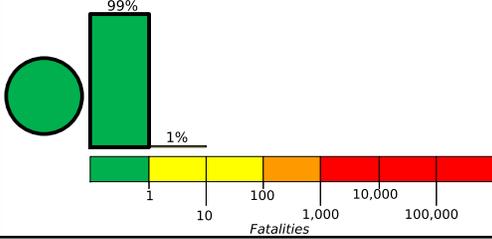
Location: 37.21°S 179.12°E Depth: 22 km

Created: 20 minutes, 54 seconds after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

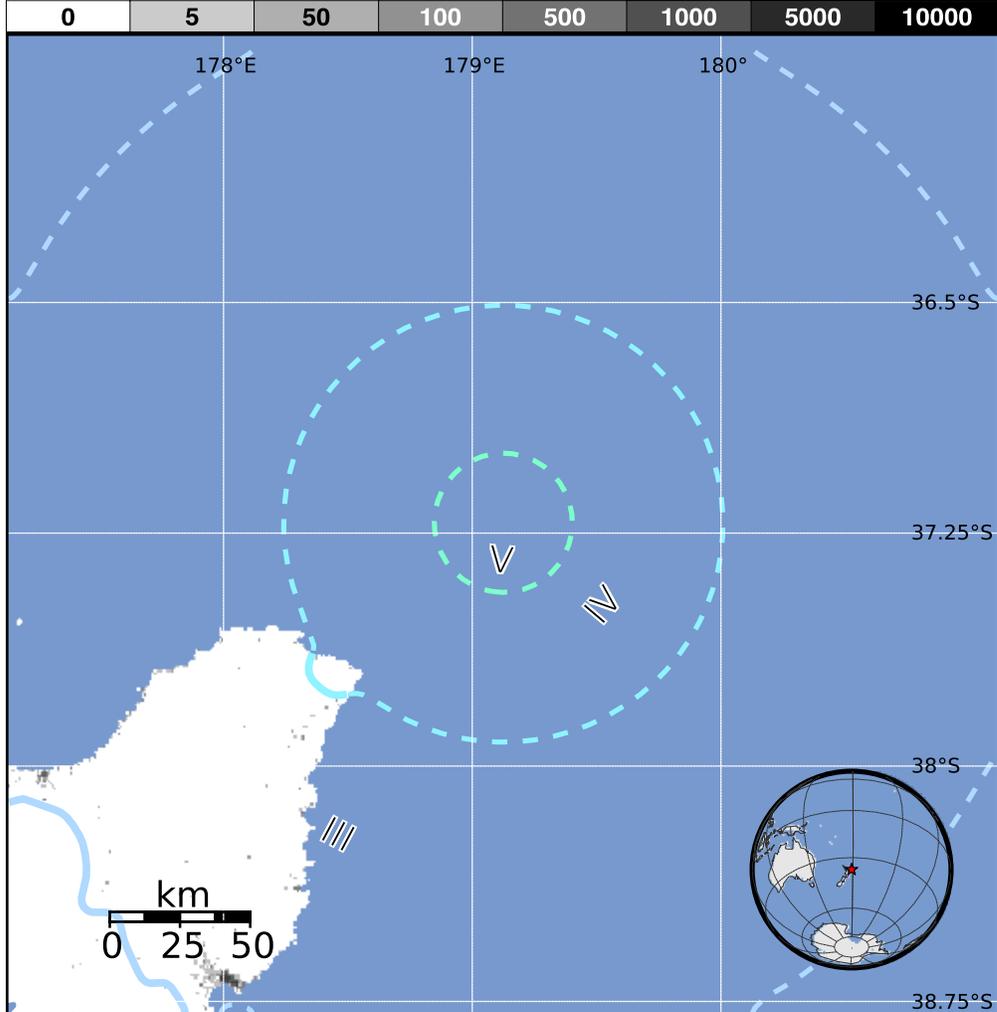


Estimated Population Exposed to Earthquake Shaking

| ESTIMATED POPULATION EXPOSURE (k = x1000) | --* | 59k | 1k | 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 |
|------------|------------|------|------------|----------------|
| 2001-10-21 | 34 | 6.6 | V(28) | 0 |
| 1987-03-02 | 219 | 6.5 | IX(389) | 0 |
| 2004-07-18 | 253 | 5.4 | VII(667) | 1 |

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

| MMI City | Population |
|----------|------------|
| | |

bold cities appear on map

(k = x1000)