



Information about the 14 November 2016 Kaikoura earthquake

What happened?

A complex magnitude 7.5 severe earthquake has struck 15 km north-east of Culverden at 12:02am, Monday 14th November, at a depth of 15 km. The highest level of impact reported so far has been MMI8 (severe); this level of shaking includes people experiencing difficulty standing, furniture and appliances shifting, substantial damage to fragile or unsecured objects and a few buildings may be damaged. The GeoNet tide gauges at Kaikoura, Wellington and Castlepoint recorded a tsunami up to 2m, and evacuations of low lying areas in the South and North Islands occurred on the night of the initial earthquake. Many landslides have occurred around Kaikoura.

This earthquake unsettled many, many people, and that is perfectly normal; earthquakes can be upsetting events. The best advice we have is to be prepared for aftershocks.

What will happen next?

Many aftershocks have already occurred, mostly in the Seddon area. The aftershocks seem to be following a standard pattern and will continue to occur for months to years to come. A large main earthquake means that fairly large aftershocks are possible. Most earthquake aftershock sequences decay over time, with spikes of activity and occasional larger earthquakes. The GeoNet website (<http://info.geonet.org.nz/blog/home>) has forecasts of expected aftershocks.

What to do?

For advice on how to get ready for an earthquake (in case of aftershocks), for making a household emergency plan, evacuation information, looking after pets and livestock, how to store water, emergency sanitation, and getting your car and business ready, see <http://getthru.govt.nz/how-to-get-ready>

If you feel a large earthquake that is difficult to stand up in, or lasts longer than one minute, people in coastal areas should:

1. Stay out of the water (sea, rivers and estuaries, including boating activities)
2. Stay off beaches and shore areas
3. Do not go sightseeing
4. Share this information with family, neighbours and friends
5. Listen to the radio and/or TV for updates
6. Follow instructions of local civil defence authorities

Avoid areas below slopes which may become unstable during aftershocks and wet weather.

Where to find more information?

- If life or property is threatened always dial 111 for Police, Fire or Ambulance.
- Contact the civil defence emergency management (CDEM) office at your nearest local council for information on local hazards and community response arrangements.
- In an emergency, the radio is your main source of information. Radio station details are listed on the next page. Listening on your car radio is an option, if power is out.
- The GeoNet website provides information on the earthquake sequence (<http://info.geonet.org.nz/blog/home>)

1 Fairway Drive, Avalon
Lower Hutt 5010
PO Box 30368
Lower Hutt 5040
New Zealand
T +64-4-570 1444
F +64-4-570 4600
www.gns.cri.nz

Sources of more information

Civil Defence phone numbers (you could also check their websites):

Hurunui CDEM: 03 314 8816

Waimakariri CDEM: 03 311 8900

Kaikoura CDEM: 03 319 5026

Marlborough CDEM: 03 520 7400

Nelson-Tasman CDEM: 03 546 9500

Ministry of Civil Defence and Emergency Management website: <http://www.civildefence.govt.nz/>

EQC Insurance: 0800 DAMAGE (0800 326 243)

Victim Support: 0800 VICTIM (0800 842 846)

All right campaign: 0800 777 846 <https://allright.org.nz/>

Federated Farmers: 0800 FARMING (0800 327 646), <http://www.fedfarm.org.nz/>

Roads NZTA: www.nzta.govt.nz/traffic/current-conditions/highway-info/index.html

Power:

Mainpower: 0508 60 70 80

Network Tasman: 0800 508 100

Marlborough Lines: 03 577 7007

Orion: 0800 363 9898

Science of earthquakes and tsunamis:

General science information: www.gns.cri.nz

Information on recent earthquakes and aftershocks: <http://info.geonet.org.nz/>

Radio:

We've found this radio station information on various Civil Defence websites. You can also visit your local Civil Defence Emergency Management website for more radio station information:

Blue FM: Kaikoura 100.3FM

Compass FM: North Canterbury 104.9FM

Plains FM: Canterbury 96.9FM

Port FM Regional: Timaru 97.9FM, 93.1FM; Ashburton 94.9FM, 98.9FM; Waimate 93.1

The Breeze: 89.7FM Blenheim, 98.7FM Picton, 97.1FM Kaikoura, 97.6FM Nelson & Richmond

More FM: 92.9FM Blenheim, 94.7 Picton, 89.9FM Kaikoura, Christchurch 92.1FM, 92.8FM Nelson & Richmond

The Hits: 96.9 FM Blenheim, 1584 AM Blenheim & Picton, 89.8FM or 89.6FM Nelson & Richmond, Christchurch 97.7FM, Ashburton 89.3FM, South Canterbury 94.7 or 98.7FM

ZM: 90.5 Blenheim

Fresh FM: 104.8FM

National Radio: Christchurch 101.7 FM/675 AM, Timaru 101.1 FM/ 918AM, Lake Tekapo 89FM

Radio New Zealand (www.radionz.co.nz): 101.3FM Wellington, 101.6FM Nelson, 101.7FM Blenheim & Christchurch

Newstalk ZB: Christchurch 1098AM, Ashburton 873 AM, Timaru 1152AM, 1341AM Nelson & Richmond

Radio Live: Canterbury 738AM, Timaru 89.8 FM