Humanity Road – New Zealand
Activation: M7.5 Earthquake
Publication Date: Sitrep No 1, 14 Nov 2016, 11:30am

Highlights

A magnitude 7.5 earthquake struck 15 km north-east of Culverden New Zealand at 12:02am, Monday 14th November. The initial earthquake was felt widely throughout New Zealand. There have been more than 15,000 Felt reports and over 45 aftershocks, including a magnitude 6.2 near Kaikoura. Source. A 2 metre high tsunami also hit the south island in the early morning hours. Source.

This Situation Report No 1 covers early situation information gathered from social media and includes updates on communications, power, roads, and structural damage. Also included are useful links to websites and social media accounts.

Twitter Handles
@HumanityRoad
@DisasterAnimals
@jAidDog

Facebook Pages
Humanity Road
Animals in Disaster

Contact: support@humanityroad.org

About Humanity Road: Founded in 2010 as a 501(c)(3) non-profit corporation, Humanity Road is a leader in the field of online disaster response. Through skilled and self-directed work teams, Humanity Road and its network of global volunteers aim to provide the public and disaster responders worldwide with timely and accurate aid information. Providing such information helps individuals survive, sustain, and reunite with loved ones. For more information, please visit www.humanityroad.org or call 1-800-931-1951. Support our work, CFC 28433.

Situation Report No 1 – (period covered: 14 November 2016)
Prepared by: Humanity Road / Animals in Disaster **Follow:** @Humanityroad / @Disasteranimals / @jAIDDog

Situation Overview

Background
A magnitude 7.5 severe earthquake has struck 15 km north-east of Culverden at 12:02am, Monday 14th November. The initial earthquake was felt widely throughout New Zealand. Currently, there are more than 15,000 Felt reports.There have already been many aftershocks (45+) recorded, the largest a magnitude of 6.2 near Kaikoura. Source. A 2 metre high tsunami hit the south island. Source.

Significant Updates (most recent first)
14 Nov

- Spark Update - Kaikoura and Blenheim are experiencing the most significant connectivity issues due to damage to the fixed network, and power outages affecting mobile cell sites around the area. People in or near those areas may have limited or no access to landline, broadband and mobile services. Spark's technical teams are working hard to re-establish connection. A further 8 mobile cell sites around the affected area are running on back-up battery power and Spark is working to ensure they are re-connected to the mains or to a backup generator. In addition, some people in Wellington may experience issues with mobile coverage due to damage to cell sites in Wellington but there will be overlapping coverage from nearby cell sites. Source
- 10:37am - The remote town of Waiau in North Canterbury, south-east of Hanmer Springs and close to the earthquake's epicentre, has been isolated by slips and road damage. From the air, a small amount of liquefaction can be seen bubbling through the bowling club green and nearby brick walls have fallen. Farmers are reporting damage to milking sheds, toppled fuel tanks and ground ripping from the quake. Source
- 10:37am - In Lyford village about 25km north of Waiau, large cracks have rippled through SH70, leaving the village inaccessible. Source
- 10:37am - The bridge into Hanmer Springs is closed. An update is expected this morning. The thermal pools complex was closed today and damage was reported in rooms at the Braemar Lodge resort. Source

- 9am - Fibre optic cable connecting Kaikoura to the rest of the telecommunications network is likely to have been damaged by the earthquake.This is likely to have limited the ability of Kaikoura residents to call anyone outside of the town, on either mobile or fixed line services. Source
- 9am - Cheviot (pop 369) - damage inside supermarket - photo Source
- 9am - No information in social media regarding status or impacts for Balcairn (pop 210), Domett, Leithfield, Greta Valley,
- 9am - Mt Lyford - one fatality reported Source
- 8am - Marlborough Mayor John Leggett says property damage appears to be more widely dispersed across the district than during the previous Seddon earthquakes but it is still too soon to get an accurate picture of the destruction. Source
- 7:55am - Major landslide blocking tunnel along coastal highway 1 near Kaikoura Source
- 6:13am - Major damage to highway 1 road surface near Kaikoura - photos Source and Source and Source
- 6am - Blenheim - five people had been admitted to Wairau Hospital with various injuries, some described as moderate. Source
- 6am - Blenheim - heavier vehicles backed up for kilometers along SH1 between Blenheim and Picton due to damage limiting traffic to light vehicles Source
- 5am - Spark said its phone networks in Clarence, Kaikoura, Weld Cone, Waiau and Eltham in the South Island have been affected. People should text rather than call if possible, it said. Source
- 5am - Severe communication problems in Kaikoura, reports of injuries, damaged/blocked roads. Source People are using the WiFi at the hospital in Kaikoura. Source
- 5:50am - The Civil Defence controller in Marlborough says there are reports of a train trapped north of Kaikoura as a result of the quake. Source
- 5:48am - Elms Homestead, a rest home near Kaikoura, has collapsed. Source
- 5:17am - A number of buildings are showing signs of "structural stress" and damage to waterfront buildings in Wellington. Source
- 3:22am - Huge slip (landslide) blocking 100 metres of Inland Kaikoura Road, north of Cheviot. Completely impassable (Photo). Source
- 3:20am - “Hanmer Springs - housing damage and power loss according to family relatives in the area”. Source

- 2:00am - The Interislander linkspan has collapsed and is sitting in the water. Ferry Aratere stranded in Wellington harbour. (Photo) Source and Source

Use Right Click - to open links in a new window

National Links

- New Zealand Government Website
- Ministry of Civil Defence & Emergency Management: Website Facebook Twitter Youtube
    - Tsunami Information Website
- New Zealand Defence Force: Website Facebook Twitter
- Department of Internal Affairs Website, Twitter, Facebook
- New Zealand Fire Service: Website Facebook Twitter
- New Zealand Ministry of Health: Website
- New Zealand Ministry of the Environment: Website
- New Zealand Foreign Affairs and Trade social media accounts around the world here

Regional and Local Links

All Regions:

- Links for Local Civil Defence Groups

Chatham Islands:

- Chatham Islands: Website Facebook
- Chatham Islands Council: Website

South Island (eastern coast):

- Nelson-Marlborough
    - Marlborough District Council: Website Twitter Civil Defence
    - Nelson City Council: Website Facebook Twitter
- Canterbury Regional Council: Website Facebook Twitter Civil Defence
    - Christchurch City: Website Twitter
    - Hurunui District: Twitter Facebook
        - Cheviot: Website
    - Kaikoura District: Website Facebook

- Waimakariri District: Website Twitter Facebook

North Island (eastern, northeastern coast):

- Greater Wellington Regional Council: Website Facebook Twitter
  - Wellington Regional Emergency Management Office: Website Twitter Facebook
  - South Wairarapa District: Website
  - Masterton District Council: Website
  - Caterton District Council: Website
  - Kapiti Coast District: Website

Emergency Numbers

Emergency Phone Numbers:

- 111 - emergencies only (Police, Fire or Ambulance)
- If you can't reach 111, call your local Civil Defence office: Local Civil Defence Groups
- 3050111 - emergencies in Chatham Islands source
- Mental Health Crisis Services (emergencies only)
- Hurunui District downed power lines - Call Mainpower 0508 60 70 80. Source

Information Hotlines:

- Marlborough District Visitor Helpline has been set up for any visitor to Marlborough who is stranded and requires travel assistance: 0800 777 181. Source
- List of Language Lines for ethnic communities (Agencies, Councils, Doctors and Medical Centres, Hospitals, Other Health providers)

Emergency Alert Apps:

New Zealand Red Cross Hazard App

Reunification Numbers / Websites:

Facebook Safety Check
Google Person Finder
New Zealand Red Cross - Restoring Family Links

Maps/Situational Awareness

General Maps:

- North Island Regions and Districts Map

- South Island Regions and Districts Map
- Census Maps of Population Demographics
- Aging Population Facilities NOT VERIFIED (Australia / New Zealand)
- New Zealand Public Information Map
- Wellington Open Data Portal

Evacuation Zones:

National:

- Tsunami Evacuation Map

South Island:

- Nelson-Marlborough Inundation Map

North Island:

- Auckland Video on Evacuation Zones
- Hawke's Bay Evacuation Zones (interactive map)
- Wellington Evacuation Zones (PDF)

Shelters

14 Nov:

- Christchurch - 5am - Three evacuation centres were open in Christchurch. At 5am there were 230 people at Linwood College, 50 at Mairehau School and 25 at Akaroa School Hall. Source
- Wellington council says that people who evacuated their apartments or hotels can go to Biz Dojo at 115 Tory St or Houghton Valley School. Source
- Waimakariri District - Evacuee Welfare Centres are operating at the Woodend Community Centre, Rangiora Baptist Church, Oxford School Hall and Kaiapoi Rugby Club. Source

Hospitals

Hospital Locations:

- List of Public Hospitals (from Ministry of Health)
- List of NGO Hospitals (from Ministry of Health)
- List of Hospitals in New Zealand (Wikipedia)

Urgent Needs & Relief

Reported Needs:

Vulnerable Populations

Resources for people with disabilities:

- Disaster preparedness information for people with disabilities or special requirements. Source
- Deaf New Zealand: Website Facebook Twitter Youtube
- Blind Foundation: Website Facebook Twitter Youtube
- Office for Seniors: Website

Facilities:

- Hospitals and Residential Homes for the elderly (Ministry of Health)
- Map of Rest Homes (Ministry of Health)

Schools

Information on Suspensions:

14 Nov:

- Hurunui District: Leithfield, Amberley Primary, Broomfield Schools, and Hurunui College are closed today. Source
- Waimakariri District - most schools are closed today. Source

General Information:

- Ministry of Education: Website Twitter
- Map of Schools in New Zealand

Airports

Status:

14 Nov:

- Wellington Airport is open for morning flights following inspection. Source

General Information:

- Civil Aviation Authority of New Zealand: Contact Details
- Live Flight Status

Airports:

- List of airports in New Zealand

Maritime (Shipping, Ports)

Status:

14 Nov:

- Ferry Aratere is stranded in Wellington harbour. Source

General Information:

- Map of Ports in New Zealand
- List of Ports and Harbours in New Zealand

Roads, Bridges

Status:

14 Nov:

- Major damage to highway 1 road surface near Kaikoura - photos Source and Source and Source
- Major landslide blocking tunnel along coastal highway 1 near Kaikoura Source
- Damage along Leader Road, just inland of SH1 (Photo). Source
- Huge slip (landslide) blocking 100 metres of Inland Kaikoura Road, north of Cheviot. Completely impassable (Photo). Source
- The Hurunui District Council says Rotherham and Waiau are isolated by slips and damage to the bridge. Source
- The Interislander linkspan has collapsed and is sitting in the water. Ferry Aratere stranded in Wellington harbour. (Photo) Source and Source
- Roads closed in Hurunui District. Source

General Information:

- AA Roadwatch Map of Closed Roads
- NZ Transport Agency website, Twitter, Facebook
- Traffic Map

Communications

Status of Communication Networks

14 Nov:

- Spark Update - Kaikoura and Blenheim are experiencing the most significant connectivity issues. People may have limited or no access to landline, broadband and mobile services. A further 8 mobile cell sites around the affected area are running on back-up battery power. In addition, some people in Wellington may experience issues with mobile coverage due to damage to cell sites in Wellington but there will be overlapping coverage from nearby cell sites. Source

- 9am - Fibre optic cable connecting Kaikoura to the rest of the telecommunications network is likely to have been damaged by the earthquake.This is likely to have limited the ability of Kaikoura residents to call anyone outside of the town, on either mobile or fixed line services. Source
- 5am - Spark said its phone networks in Clarence, Kaikoura, Weld Cone, Waiau and Eltham in the South Island have been affected. People should text rather than call if possible, it said. Source
- Severe communication problems in Kaikoura. Source
- People reportedly have gone to the hospital in Kaikoura in order to use the WiFi. Source
- Spark reports that some areas in the South Island, including parts of Clarence, Kaikoura, Weld Cone, Waiau and Eltham, are experiencing a service impact. Source

Amateur Radio:

- New Zealand Association of Radio Transmitters
- List of New Zealand Amateur Radio Clubs
- New Zealand Repeater, Beacon, and Fixed Station Maps
- New Zealand Amateur Radio Repeaters Map
- Call Signs in New Zealand

Mobile Phone Network Companies & Contact Information:

- Spark New Zealand : Phone(from local): 123 or 0800 22 55 98, Contact Details, Facebook, Twitter, Instagram
- Vodafone New Zealand : Phone(from local) : 777 or 0800 800 021, Contact Details, Facebook, Twitter
- 2degrees : Phone(from local): 0800 022022, Contact Details, Facebook, Twitter

Internet Service Providers:

List of Internet service providers in New Zealand

Water

Status of Water Supply

14 Nov:

- 5am Picton asked to conserve water as one of the town's reservoirs is leaking Source

- Hurunui District Council has issued a boil water notice throughout the area. Source
- Waimakariri District - Residents of the Ashley, Sefton and Loburn areas should boil their water until further notice. Source

Companies & Contact Information

Ministry of Health Link

Water Information New Zealand Link

Power & Gas

Status of Power & Gas

14 Nov:

- Marlborough District - Power lines down in Picton, Marlborough Region, in NE South Island. Source Power to the district's east coast settlements and to Wairau Valley remains off this morning but was restored to other areas before 5.00 am. Source
- Hurunui District - Power outages reported in Hanmer Springs. Source Power outages in Amberley and Westport. Source Reported power cuts in most areas north of the Waipara River. Source

Companies & Contact Information

- List of Power Companies
- List of Gas Transmission and Distribution Companies

Red Cross

Offices & Contact Information

New Zealand Red Cross: Website Facebook Twitter

General and first aid enquiries. source

- Call: 0800 RED CROSS (733 2767)
- E-mail (first-aid only): firstaid@redcross.org.nz

National Office

- Call: 04 471 8250
- Postal address: PO Box 12140, Thorndon, Wellington 6144
- Physical address: 69 Molesworth Street, Thorndon, Wellington

List of local service centres

Pictures and Videos

14 Nov

- 11:40am Wellington buildings downtown Photo

- 11:30am Petone office damage Photo
- 10:30am Cheviot (pop 369) - damage inside supermarket - photo Source
- 6:13am Kaikoura highway 1 road surface photos Source and Source and Source

Facebook

Facebook Accounts of Interest

- US NOAA NWS - UNESCO IOC International Tsunami Information Center
- New Zealand Civil Defence
- New Zealand Army
- Royal New Zealand Navy
- Royal New Zealand Air Force
- New Zealand Red Cross
- New Zealand Fire Service
- Civil Defence Emergency Management Canterbury
- Dunedin Civil Defence Emergency Management
- Hawke's Bay Civil Defence Emergency Management Group
- Lyttelton Harbour Basin COMMUNITY Civil Defence
- Emergency Management Southland
- Wellington Region Emergency Management Office (WREMOnz)
- Kaikoura i-Site
- New Zealand Police
- Nelson City Council
- Hurunui District Council
- Waimakariri District Council
- Kaikoura i-Site

Twitter

Hashtags:

Official event hashtag: #eqnz
Other important hashtags: #NZ #earthquake #tsunami #nzquake

Location Hashtags: #chch, #christchurch, #wellington, #lyallbay, #cheviot, #hanmersprings, #sumner #redcliffs, #culverdon, #eastcape, #canterbury, #kaikoura, #amberly, #blenheim, #lowerhutt, #chatham, #marlborough, #picton

Twitter Lists:

New Zealand Councils Twitter List
Civil Defence + EM Twitter List

Twitter Accounts of Interest

- @NZGetThru - Ministry of Civil Defence and Emergency Management

(MCDEM)

- @NZcivildefence
- @NZAirForce - New Zealand Air Force
- @NZArmy - New Zealand Army
- @nzpolice
- @NZFireService
- @WhanganuiDC - Whanganui District Council
- @RadioNewZealand
- @NZVOST
- @vodafoneNZ
- @NZPCanterbury - Canterbury Regional Police

Traditional Media

Television:

- List of free TV stations in New Zealand

Radio:

- Marlborough District public safety radio broadcasts: Will be on Brian FM: 100.9FM in Blenheim, 105.9 FM in Picton, 100.1 FM for Havelock, Pelorus and Kenepuru Sounds, 104.3FM in Seddon/Awatere. Source
- List of radio stations in New Zealand
- Online streaming radio stations
- Radio New Zealand National link
- Radio New Zealand: List of AM and FM frequencies
- The Hits (Frequencies for North and South Islands) link and from overseas link
- Newstalk ZB link
- More FM link
- Radio Live link

Animals in Disaster

Animal Rescues and Shelters:

- New Zealand Bird Rescue Charitable Trust
- Animals in disasters in New Zealand website, Facebook, Phone: +64 9 309 3901
- Humane Society of New Zealand: Website Facebook
- SPCA New Zealand: Website Facebook Twitter

Veterinarians

- Find-a-Vet Directory

Find Missing Pets:

National:

- 0800 LOSTPET - for microchipped pets registered with New Zealand Companion Animal Register
- Lost Pet Finders: website, Twitter, Hotline: 09 951 9696
- Lost and Found Pets - New Zealand
- Stolen and Missing Pets Alliance
- New Zealand Lost Pet Register

North Island:

- Lost Pet Finders - North Island NZ
- Missing Pets in Wellington, New Zealand
- Lost Pet Finders - Wellington, NZ

South Island:

- Lost Pet Finders - South Island, NZ
- Lost and Found Pets North Canterbury
- Lost and Found Pets in Christchurch (New Zealand)
- Lost Pet Finders - Christchurch & Canterbury, NZ
- Lost Pet Finders - Nelson & Marlborough, NZ