



# Wairarapa Emergency Management

Featherston Community Board  
25 February 2020





1

## Today

102

- About Emergency Management in the region:
  - Hazards
  - Prepared Households
  - Civil Defence Group Structure
  - Official Response
  - Community Response
  - Community Emergency Hubs



2

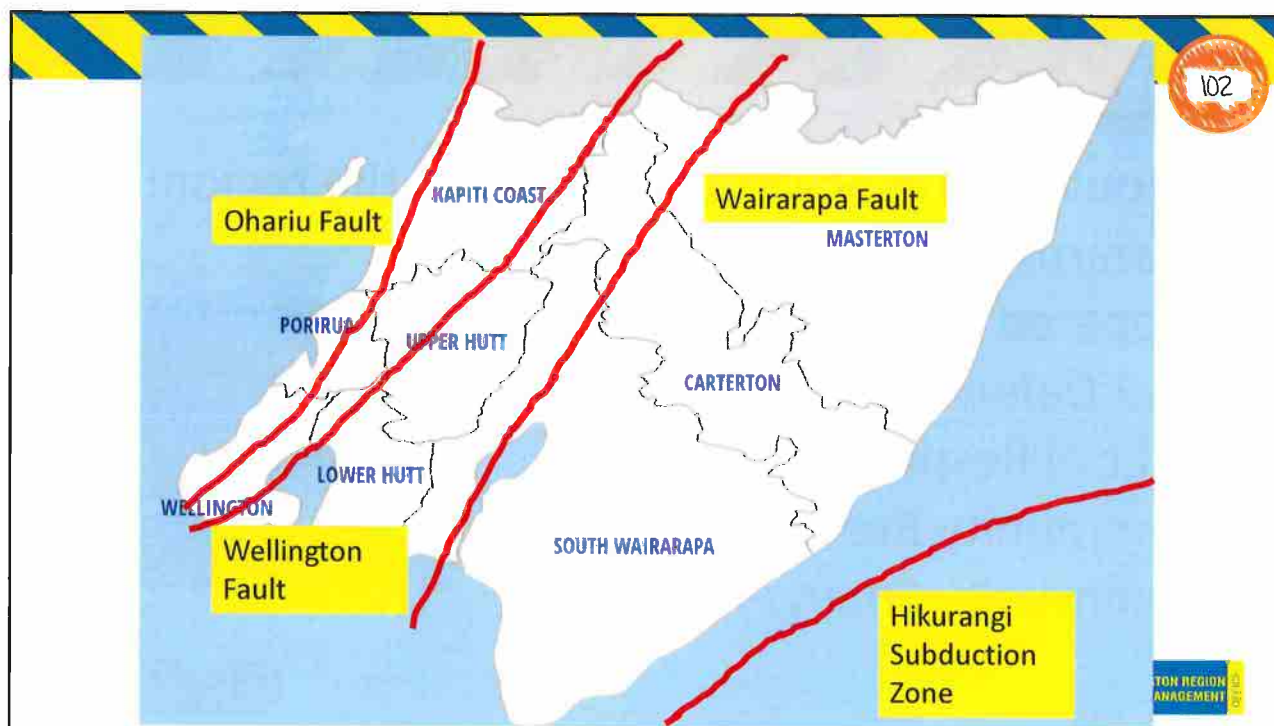
## Wairarapa Earthquakes

102

- 1855 Wairarapa Fault ruptured causing NZ's largest recorded earthquake, magnitude 8.2
  - 6m vertical and 13m horizontal land displacement, and at least 9m high tsunami in Palliser Bay
- 1942 Masterton Earthquakes 7.2 (24 June) and 7.0 (2 August)



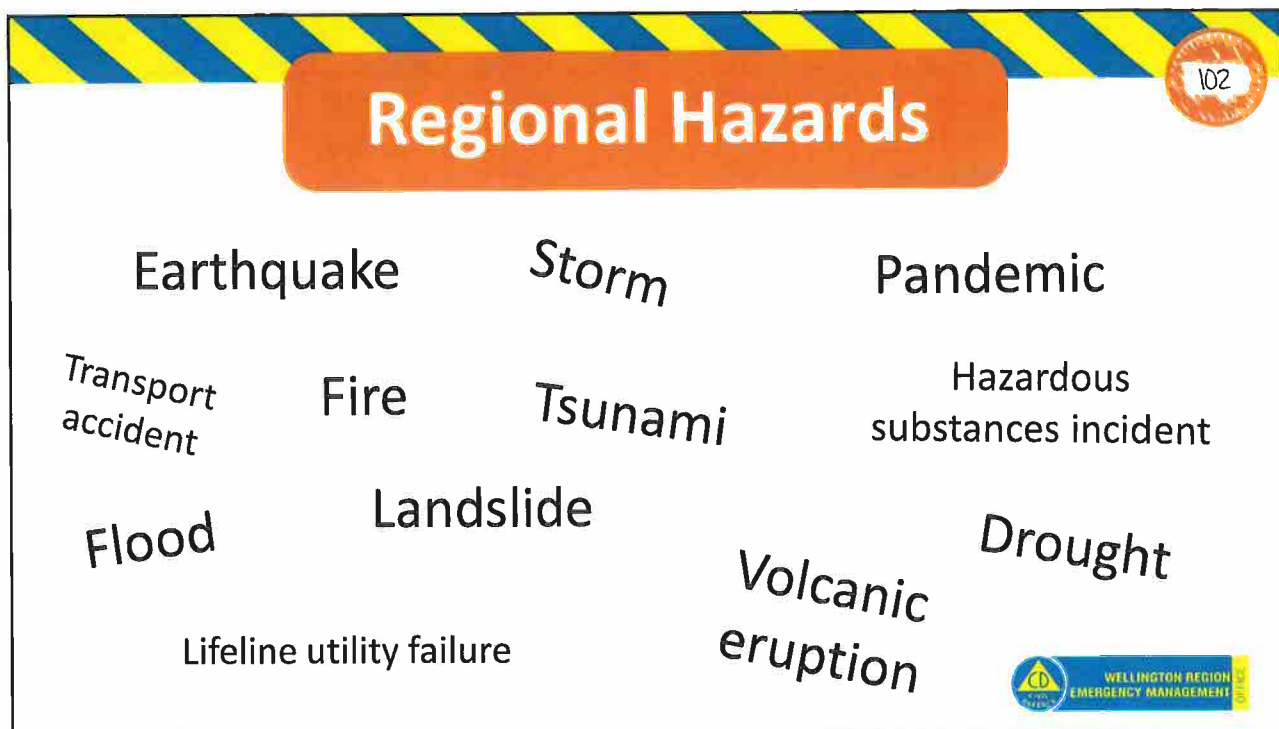
3



102



4



**Regional Hazards**

102

Earthquake      Storm      Pandemic

Transport accident      Fire      Tsunami      Hazardous substances incident

Flood      Landslide      Volcanic eruption      Drought

Lifeline utility failure

WELLINGTON REGION EMERGENCY MANAGEMENT OFFICE

5



**Impacts**

102

Shortage of critical consumer goods in supermarkets      Overloaded medical services

Can't get in touch with friends and family      Social activities cancelled      No fuel      Damaged houses and workplaces      Staff & residents stressed

Routine disrupted      Lost access      People isolated      Pharmacies unable to resupply

Can't communicate      People needing help      Displaced people      People injured or anxious      Staff unable to get to work

No access to cash      People getting sick      No food or ability to cook

No rubbish collection      No official help or advice      No schools open      No running water, gas or power

Closed shops      Distressed pets      Lost road access      No toilet

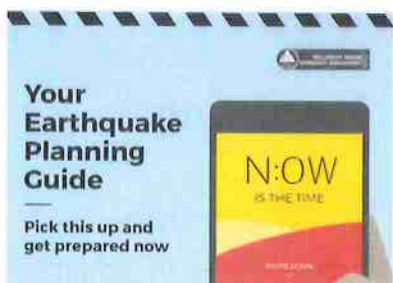
WELLINGTON REGION EMERGENCY MANAGEMENT OFFICE

6



## Household Preparedness

102



- Household emergency plan
- Emergency supplies
- Know your neighbours.
- Camp at home for a week?



7

## Live to tell the tale

102

Standard message



**DROP**

**COVER**

**HOLD**



8

# Tsunami

**Local sourced tsunami**

- Long OR Strong earthquake
- Unusual water movement or sound

**DON'T WAIT TO BE TOLD TO MOVE TO HIGHER GROUND -- LESS THAN 10 MINUTES TO EVACUATE**

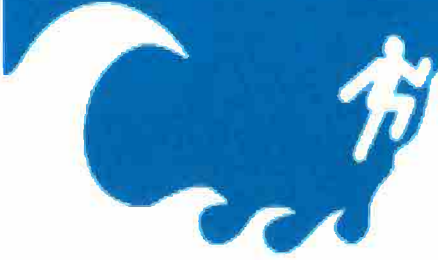
**Distance sourced tsunami**


- Red Cross Hazard app
- Radio/social media/websites
- Emergency Mobile Alerts

**Clearing beaches/giving the all clear**

- Coastal Coordinators -- 78 people from Ocean Beach to Matakona
- Helicopter reconnaissance/warning -- Police support enforcing evacuation
- Rural Fire Forces
- NO TSUNAMI SIRENS

Long or Strong,  
**GET GONE**





9

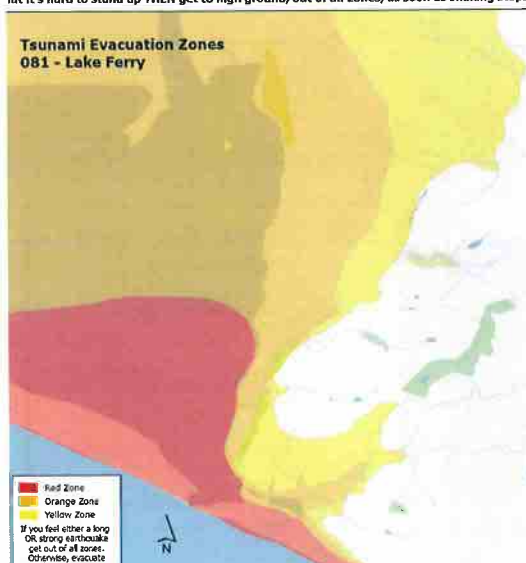
# Tsunami Evacuation Zones


If you feel an earthquake that is either longer than a minute OR strong enough that it's hard to stand up THEN get to high ground, out of all zones, as soon as shaking stops!

**Tsunami Evacuation Zones**  
081 - Lake Ferry

- Red Zone
- Orange Zone
- Yellow Zone

If you feel either a long OR strong earthquake get out of all zones. Otherwise, evacuate only the zones you are in.







10

# What to have in your Grab Bag


Your needs, your wants




Warm, waterproof clothing and comfortable shoes




Personal items and documents




Medications, prescriptions and a first aid kit






11



Get your water storage sorted now!

Have you stored enough water for your family for 7 days?



Please don't forget about me!

CURRENT AVERAGE WATER USAGE PER DAY PER PERSON

220 Litres

|                  |  |                 |
|------------------|--|-----------------|
| 31L              |  | Toys            |
| 38L              |  | Toilet          |
| 38L              |  | Other*          |
| 48L              |  | Washing machine |
| 65L <sup>†</sup> |  | Shower          |

\*Bath, pet grooming, dishwasher, toilet, and toilet.  
†Based on the "Water Use in Auckland Households (2015)", BRANZ, October 2016

HOW MUCH WATER DO YOU NEED AFTER AN EARTHQUAKE?

20 Litres per day for 1 person

If you store 20 litres of water (for one person for one day), you should be able to do the following:


|   |  |
|---|--|
| <input checked="" type="checkbox"/> Drinking    | <input checked="" type="checkbox"/> Sponge bath              |
| <input checked="" type="checkbox"/> Cooking     | <input checked="" type="checkbox"/> Clean wastewater buckets |
| <input checked="" type="checkbox"/> Wash hands  | <input checked="" type="checkbox"/> First Aid                |
| <input checked="" type="checkbox"/> Pets        | <input checked="" type="checkbox"/> Shower                   |
| <input checked="" type="checkbox"/> Brush teeth | <input checked="" type="checkbox"/> Laundry                  |
| <input checked="" type="checkbox"/> Dishes      |  |

3 Litres per day for 1 person

If you store 3 litres of water (for one person for one day), you should be able to do the following:

|   |  |
|---|--|
| <input checked="" type="checkbox"/> Drinking    | <input checked="" type="checkbox"/> Clean wastewater buckets |
| <input checked="" type="checkbox"/> Cooking     | <input checked="" type="checkbox"/> First Aid                |
| <input checked="" type="checkbox"/> Wash hands  | <input checked="" type="checkbox"/> Shower                   |
| <input checked="" type="checkbox"/> Pets        | <input checked="" type="checkbox"/> Laundry                  |
| <input checked="" type="checkbox"/> Brush teeth |  |
| <input checked="" type="checkbox"/> Dishes      |  |

We recommend that you store enough water for your family for 7 days.



12



## Emergency Management in this region

102

**MCDEM (Ministry of Civil Defence and Emergency Management)**

**Wellington CDEM Group:**

- 9 x Local Authorities
- WREMO
- Emergency Services (Police, FENZ, Ambulance, etc)
- Welfare Coordination Committee
- Lifelines Group
- Communities.



13

## Group Plan



**WHAT ARE THE TOP FIVE HAZARDS WE WILL PLAN FOR?**

- Pandemic
- Earthquakes
- Flooding
- Tsunami
- Storms

33 Planning will look to reduce the likelihood of hazards occurring as well as managing the consequences of hazards as and when they occur



14

14

## Lead Agencies in Emergency

Lead Agencies in an emergency

| Hazard  | Lead Agency (Regional)                               | Legislative Powers  |
|---|--|---|
| <b>Natural</b>  |  |   |
| <b>Geological (e.g. earthquakes, landslide, tsunami)</b>    | Wellington Region CDEM Group                         | CDEM Act 2002   |
| <b>Meteorological (e.g. floods, storms, severe weather)</b> | Wellington Region CDEM Group                         | CDEM Act 2002   |
| <b>Drought (rural)</b>                                      | Ministry for Primary Industries                      | Government Policy   |
| <b>Animal and plant pests and diseases</b>                  | Ministry for Primary Industries                      | Biosecurity Act 1995, Hazardous Substances and New Organisms Act 1996 |
| <b>Infectious human diseases (pandemic)</b>                 | District Health Boards                               | Epidemic Preparedness Act 2006, Health Act 1956                       |
| <b>Rural fire</b>   | Fire and Emergency New Zealand                       | Fire and Emergency New Zealand Act 2017                               |
|   | Department of Conservation (for conservation estate) | Conservation Act 1987   |
|   | New Zealand Defence Force (on defence force land)    | Defence Act 1990  |
| <b>Urban fire</b>   | Fire and Emergency New Zealand                       | Fire and Emergency New Zealand Act 2017                               |

| Hazard                               | Lead Agency (Regional)  | Legislative Powers   |
|--------------------------------------|---|--|
| <b>Man-made</b>                      |   |  |
| <b>Infrastructure failure</b>        | Wellington Region CDEM Group  | CDEM Act 2002  |
| <b>Food safety</b>                   | Ministry for Primary Industries   | Food Act 2014  |
| <b>Hazardous substance incidents</b> | Fire and Emergency New Zealand  | Fire and Emergency New Zealand Act 2017, Hazardous Substances and New Organisms Act 1996 |
| <b>Major transport accident</b>      | At the regional level, the lead agency may depend on the type and nature of the transport accident. | Various  |
| <b>Terrorism</b>                     | New Zealand Police  | Crimes Act 1961  |
|                                      |   | International Terrorism (Emergency Powers) Act 1987                                      |
|                                      |   | Terrorism Suppression Act 2002   |
| <b>Marine oil spill</b>              | Wellington Regional Council   | Maritime Transport Act 1994  |
| <b>Radiation incident</b>            | Fire and Emergency New Zealand  | Radiation Protection Act 1965  |
|                                      |   | Fire and Emergency New Zealand Act 2017  |

15

## Wairarapa EOC (Emergency Operations Centre)

— 41 staff from 4 councils, 2 shifts

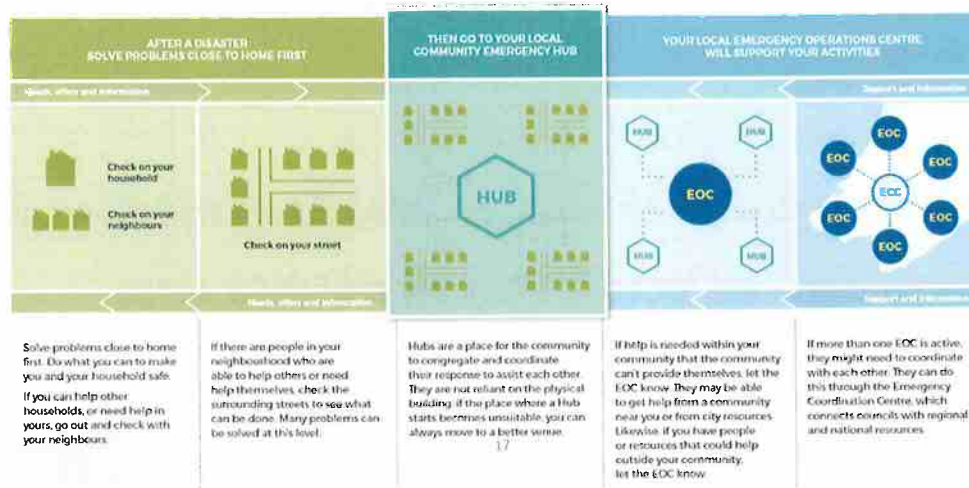
16



# Community Emergency Hub



During disasters, councils and emergency services aren't the only ones responding. Communities have many of the skills and resources needed to solve problems and help each other. Community Emergency Hubs are a way for people to work together to solve problems locally, while still coordinating with councils about really big problems.



17

- Carterton Events Centre
- Castlepoint, Wairarapa Sports Fishing Club
- Featherston, Anzac Hall
- Greytown Town Centre
- Martinborough, SWDC
- Masterton YMCA
- Lansdowne Church
- Douglas Park School, Masterton
- Fernridge School, Masterton
- Te Kura Kaupapa o Maori Wairarapa, Masterton
- Masterton Primary School
- Mauriceville School
- Riversdale Beach Golf Club
- Taueru Hall
- Tinui Hall
- Wainuioru Hall
- Whareama Hall



**A place for our community to gather and help each other during an emergency**



18

## Objectives of the Hub

103

- Provide information so that your community knows how to help each other and stay safe
- Understand what is happening
- Solve problems with what your community has available
- Provide a safe gathering place for members of the community to support on another



19

REVIEWED AUGUST 2018

## Featherston Community Emergency Hub Guide

This Hub is a place for the community to coordinate your efforts to help each other during and after a disaster.

Objectives of the Community Emergency Hub are to:

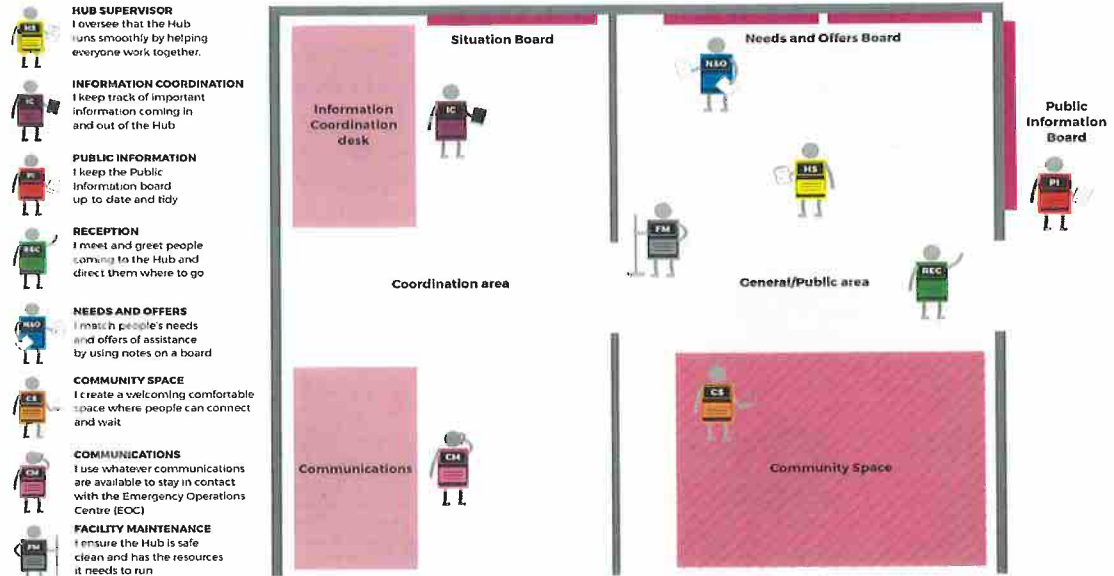
- Provide information so that your community knows how to help each other and stay safe.
- Understand what is happening
- Solve problems using what your community has available
- Provide a safe gathering place for members of the community to support one another.

WELLINGTON REGION EMERGENCY MANAGEMENT

20

### Hub diagram

Generic layout of a Community Emergency Hub and outline of the key roles



21

### Wremo.nz

**Wellington Region**  
Current Status: GREEN

No emergency

Unfortunately, we're not able to help you with your emergency today.

To us, we're focusing on the tasks we do most often - readiness and reduction.

Now is the time for you to get ready too.

**Find Out More**

**Welcome to the Wellington Region Emergency Management Office (WREMO)**

WREMO coordinates Civil Defence and Emergency Management services across the region, sources and coordinates the Wellington region's emergency response resources and works with you to help you and your community be safe and prepared to respond and recover from an emergency.

**Helpful links:**

- WREMO
- EMERGENCY SERVICES
- COMMUNITY
- WREMO CONTACTS

**Get Prepared**      **Tsunami Evacuation Zones**

The Wellington region is an awesome place to live, but it's a little wild. We often experience earthquakes, storms, flooding and tsunamis, which is why it's so important to be prepared.

If you feel a long or strong earthquake then immediately get out of a zone. In other cases, evacuate the zones you are advised to leave.

### Getprepared.nz

**Newsletter**

See our most recent newsletter and sign up to receive future editions

**By visiting this site, you're finding the time to stay safe**

**Your Community can get through together**

By understanding your own capabilities and the capabilities of your community, you can improve your response to emergencies.

**Emergency City 2**      **Tsunami 2**      **Fire 2**      **Health Care 2**      **Storm 2**      **Message 2**

**Community 2**      **WREMO**      **First Aid**      **First Aid Kit**      **First Aid Training**      **First Aid Courses**      **First Aid Kits**      **First Aid Trainers**      **First Aid Courses**      **First Aid Kits**      **First Aid Trainers**

**Useful links**

22

22



|  |   |   |  |  |
|--|---|---|--|--|
| <p><b>Spontaneous Community Response</b></p>   | <p><b>Community Emergency Hub</b></p>   | <p><b>Emergency Assistance Centre</b></p>   | <p><b>Emergency Operations Centre</b></p>  | <p><b>Emergency Coordination Centre</b></p>  |
| <p>- <b>community</b> helping one another.</p> | <p>- <b>pre-identified</b> places for the <b>community</b> to coordinate their efforts to help each other during and after a disaster. (17 in Wairarapa, 127 over greater Region)</p> | <p><b>Council</b> organised official place people affected by the event can go for support and to receive <b>formal assistance</b>. (No signage beforehand, opened as needed)</p> | <p><b>Councils</b> <b>coordinates</b> the response activities. (Waiata House, Masterton)</p> | <p>The <b>Region</b> <b>coordinates</b> the response with the 6 EOCs. (Thorndon, Wellington)</p> |
|  |   |   |  |  |
|  |   |   |  |  |

23

Wairarapa Staff

|  |   |
|--|---|
| <p>Jane Mills, Emergency Management Advisor,<br/>Community Resilience, WREMO</p>                   |  |
| <p>Darryl McCurdy, Emergency Management Advisor,<br/>Operational Readiness, WREMO</p>              |  |
| <p>Jonathon Hooker, Wairarapa Local Welfare Manager (contracted 1<br/>day/week)</p>                |  |
| <p>Bob Hill, Aratahi Ohu appointee to<br/>Coordinating Executive Group (available as required)</p> |  |



24

## Featherston Community Board Members

103

- Champion household and personal preparedness
- Know the key messages in this presentation
- In an Emergency Event, turn up and support the running of the Community Emergency Hub (key holder?)
- Be clear who the spokesperson in an emergency is (likely the Mayor)
- Who is WREMO's key link with the GCB?

25



25

## Any questions?

Jane Mills, Emergency Management Advisor  
Community Resilience and Recovery

027 468 1792  
jane.mills@wremo.nz

Darryl McCurdy, Emergency Management Advisor  
Operational Readiness and Response

027 446 5628  
darryl.mccurdy@wremo.nz

26