



PUBLIC WARNING SYSTEM

As at January 2019

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Purpose

The Dunedin City Civil Defence Emergency Management Public Warning System is designed to alert and inform the public in Dunedin that there may be a threat to safety and advise them of appropriate actions to take, including alerting others.

Method

The alert is provided by one or more of the following means:

Method	Resource	Suppliers
Media releases	Broadcast media	Media organisations (PI&NML resource folder Appendix A)
	Social Media	Twitter & Facebook - dnemergency Twitter & Facebook - dncitycouncil
	Website(s)	DCC Web team
Emergency Mobile Alerting	EMAP via Telcos	Emergency Management Officers with PIM team as backup
Telephone ring lists	TESA	Police
Door-to-door visits	Uniformed emergency service personnel	Police / Fire
	Identified utility staff/contractors	Utility owners
Public meetings (developing situation)	Public halls	As appropriate (list in GIS)
Sirens* / PA (vehicle)	Emergency Service vehicles	Police Fire and Emergency NZ Civil Defence Emergency Management - EOC
	Siren / light bars	
Sirens* (aerial)	Sirens mounted beneath helicopters	Helicopters Otago

* Sirens will generally be used in conjunction with one or more of the informative methods above.

Authorisation

The authorisation of public warning will generally be following activation of and recommendation by the Controller's Incident Management Team, possibly in conjunction with a declaration of a state of emergency.

In urgent circumstances, where the time to activate the Controller's Incident Management Team may reduce a public warning's effectiveness and compromise public safety, the following may authorise the public warning:

- Civil Defence Emergency Management Controller or an Alternate Controller.
- The Civil Defence Emergency Management Duty Officer, in conjunction with the senior available officer of the New Zealand Police and/or the New Zealand Fire and Emergency NZ.

This public warning system may be used on behalf of other emergency services on their request and under their authority.

Emergency Mobile Alerting System

The Emergency Mobile Alerting Portal (EMAP) allows a lead agency to alert the wider public through capable mobile phones from targeted cell towers.

The alerts can be targeted to areas affected by serious hazards and will only be sent when there is a serious threat to life, health, or property, where response actions should be taken immediately, and in some cases for test purposes.

More information on the mobile alert system can be found at www.mcdem.govt.nz

Approved EMAP Operators

The Emergency Management Officers in the Dunedin Emergency Operations Centre and some Public Information Management staff have undertaken training and are approved users of the EMAP system for the Otago region area only.

EMAP can be activated through the Fire and Emergency, and Police Communication Centres.

Pre-set EMAP Warning Zones

During an emergency event, alert zones can be established on an as-needed basis to fit the extent of the emergency. To facilitate rapid message alerting pre-set areas have been established based on communities likely to be exposed to a given hazard at any time. These pre-set areas can be edited if required during an event.

Emergency Operations Centre Remote Broadcast Facility

A remote broadcast transmitter and a dedicated broadcast booth are part of the standing facilities of the Emergency Operations Centre. Networks and stations that can receive and broadcast messages from the remote broadcast transmitter are:

- The Radio Network (TRN)
- Media Works
- Dunedin Television (audio only)

Personnel from media organisations operate the remote broadcast facility and will promulgate messages developed by the Public Information team.

Social Media

Dunedin Civil Defence Emergency Management has Twitter and Facebook accounts (DnEmergency), which are used to promulgate emergency information. While initially operated by civil defence emergency management staff, these will be run by the Public Information team following activation.

Dunedin City Council Twitter and Facebook accounts will be used by the Public Information team to re-broadcast messages generated by DnEmergency and to promulgate Council emergency information. Emergency information posted on Dunedin City Council accounts will be re-broadcast on DnEmergency accounts.

The Otago Civil Defence Emergency Management has a Facebook account (OtagoCDEM) which will re-post Dunedin's posts.

Emergency Services' social media releases will be co-ordinated with other civil defence emergency management releases to the extent possible.

Web Pages

The Dunedin City Council website will have emergency information releases prominently displayed on its home page and, should circumstances warrant, the Civil Defence Emergency Management page will become the home page for the duration of the warning and event.

The Dunedin City Council website has links to a wide range of other organisations' websites to enable people to seek information from a wide range of web sources.

This information and that from neighbouring authorities will be posted on the Otago Civil Defence Emergency Management website www.otagocdem.govt.nz

Other Apps

The Red Cross Hazards app automatically posts warnings and alerts from MetService. Users can target specific locations for which to receive alerts. Dunedin Civil Defence Emergency Management does not currently post alerts to the this or any other apps.

Specific Arrangements for Tsunami Warning

Tsunami Warning Procedure

The procedure to be followed for promulgation of tsunami public warnings is at Appendix A.

Emergency Mobile Alerts (EMAP)

Ministry of Civil Defence & Emergency Management will send an initial EMAP alert to at-risk coastal communities. More detailed alerts will be issued by Otago Civil Defence Emergency Management with local instructions once the situation becomes clearer.

Broadcast Media

If a national warning for tsunami has been promulgated, the Ministry of Civil Defence and Emergency Management may have commenced broadcasts over national media networks. These will have a national, rather than local focus.

Local information can be broadcast over the following local networks and stations:

- The Radio Network (TRN)
- Media Works
- Dunedin Television (audio only)
- Otago Access Radio
- Radio 1 (Student Radio)

Broadcasts will be prepared by the Public Information team at the Emergency Operations Centre.

Emergency Services

Emergency services sirens may be used to augment other alerting and information sources and will not be used as a primary alert mechanism.

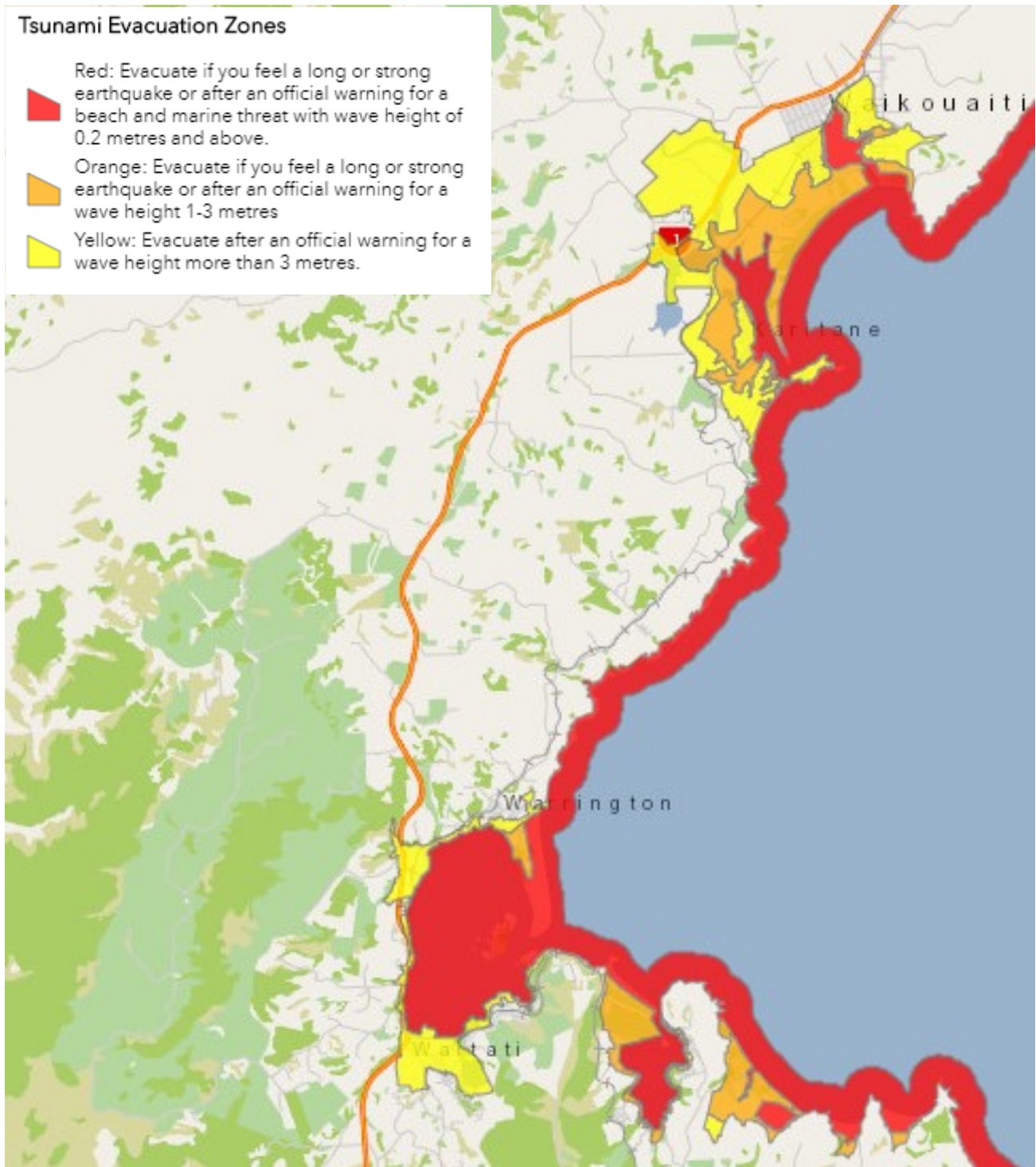
Emergency services may be tasked with alerting communities that are not currently able to receive EMAP alerts due to poor cellular coverage. These communities include Aramoana, Long Beach and Tomahawk.

At-risk property addresses

Where appropriate to the circumstances of a warning, Police can use their TESA system to provide telephone numbers for houses in specified areas so they can be called to alert and advise them.

Appendix Tsunami Evacuation zones

North Coast Tsunami Evacuation Zones Map



Central / South Coast Tsunami Evacuation Zones Map

