

Get Flood Ready: Raising public awareness of flood risk

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Auckland Council



Our objective

Everyone knows what to do before, during and after a flood



Credit: Mark Waterson



Photo: RNZ / Christina Persico





Photo: NZ Herald / Brett Phibbs









Aims

- Providing understandable, accessible and helpful information
- Raising awareness of flooding and its associated risks.
- Communicating who is responsible for managing flood risk and the benefits of joint solutions.



Toolbox

**Flood Risk
Videos**

Flood Viewer

**Historical
Extreme
Events Viewer**



Scale of flood risk

Regionally

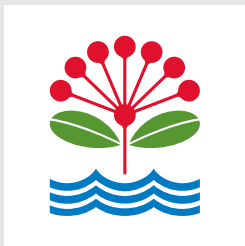
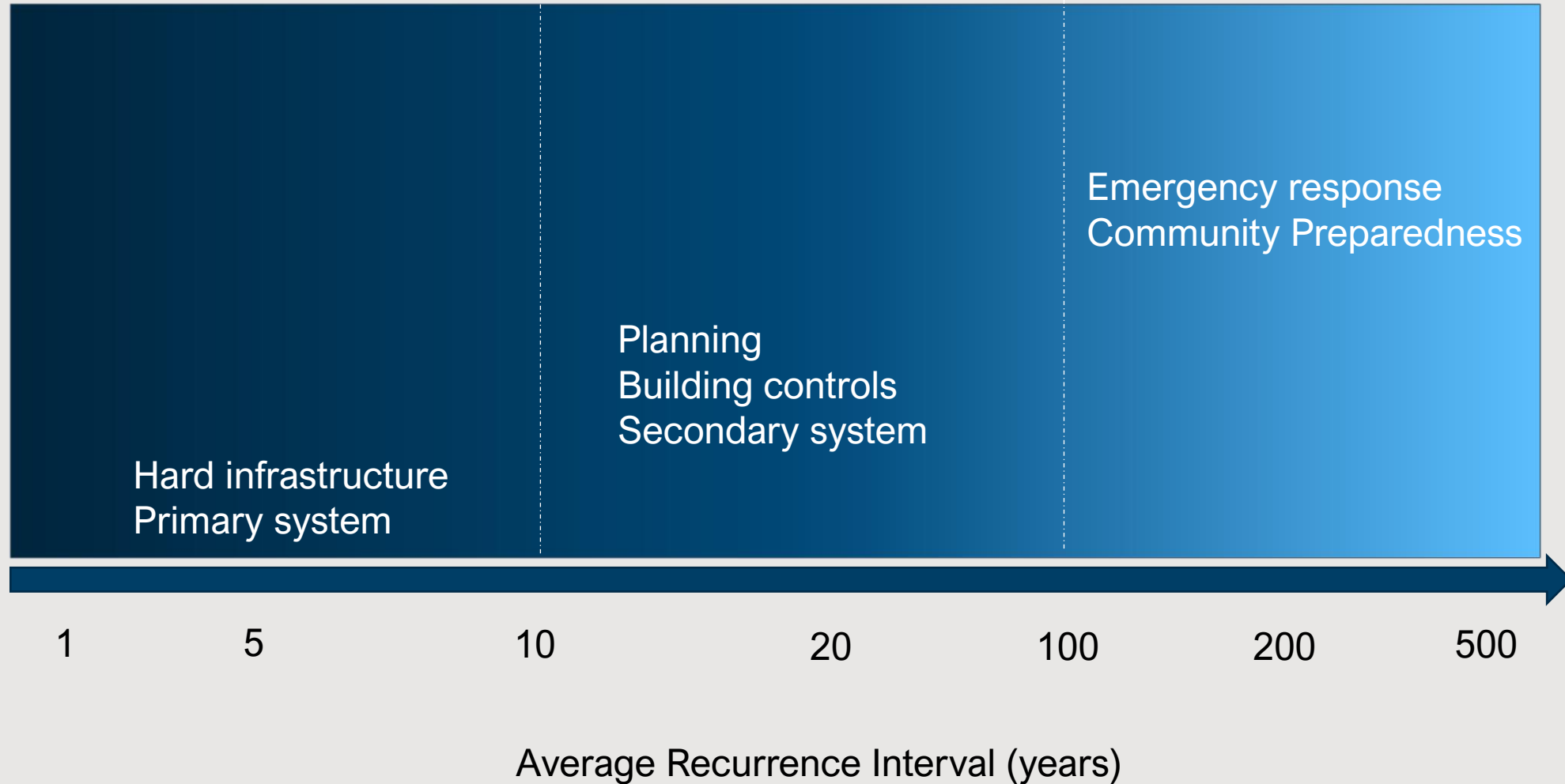
- Approx 300,000 people live in flood hazard area (floodplains, overland flow paths or flood prone areas)
- 1.7 million Aucklanders who could encounter flood hazards

27th January 2023

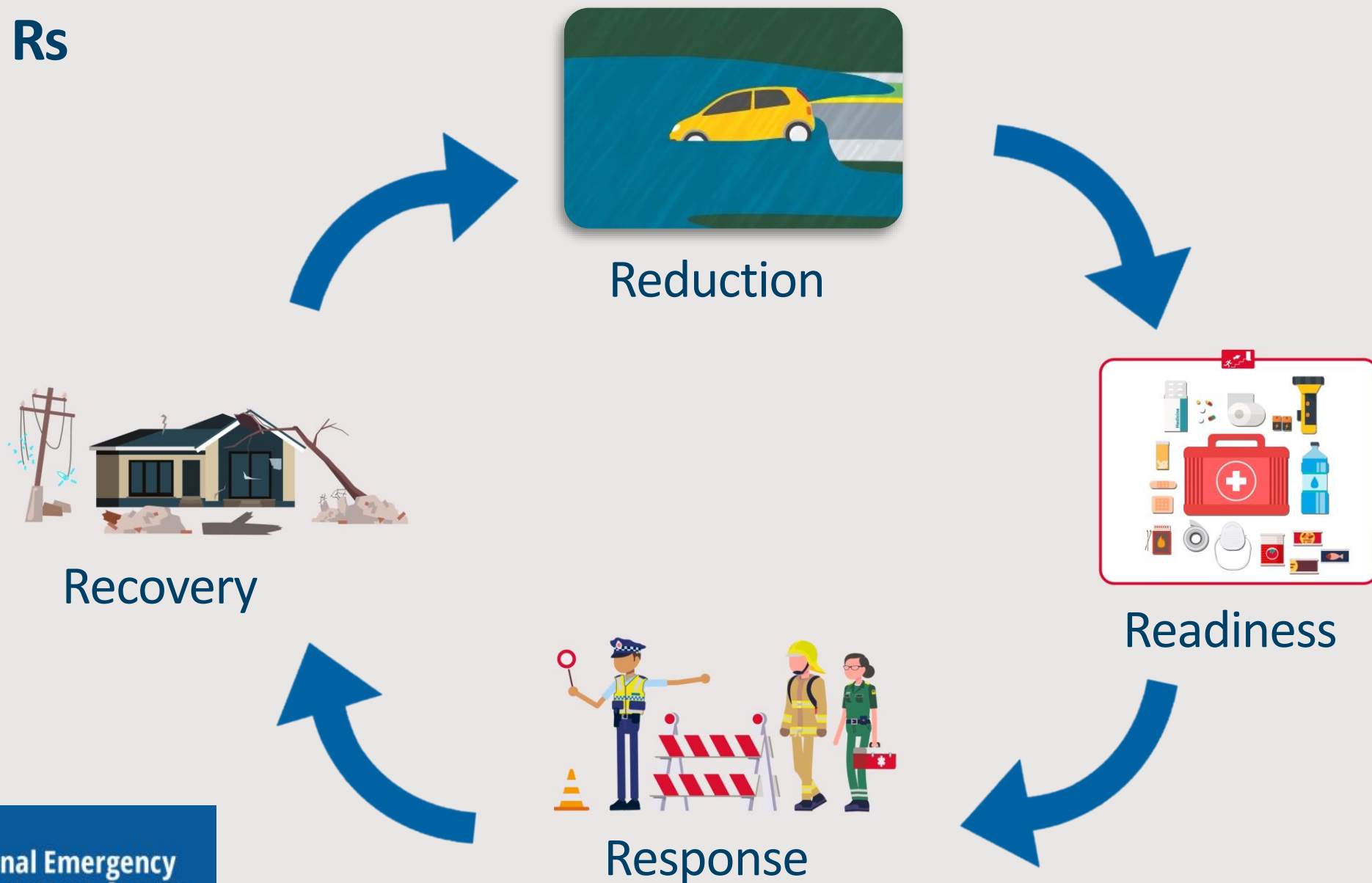
- 60% of urban area received ≥ 100 year ARI storm



Flood risk management in Auckland



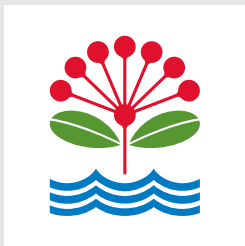
The 4 Rs



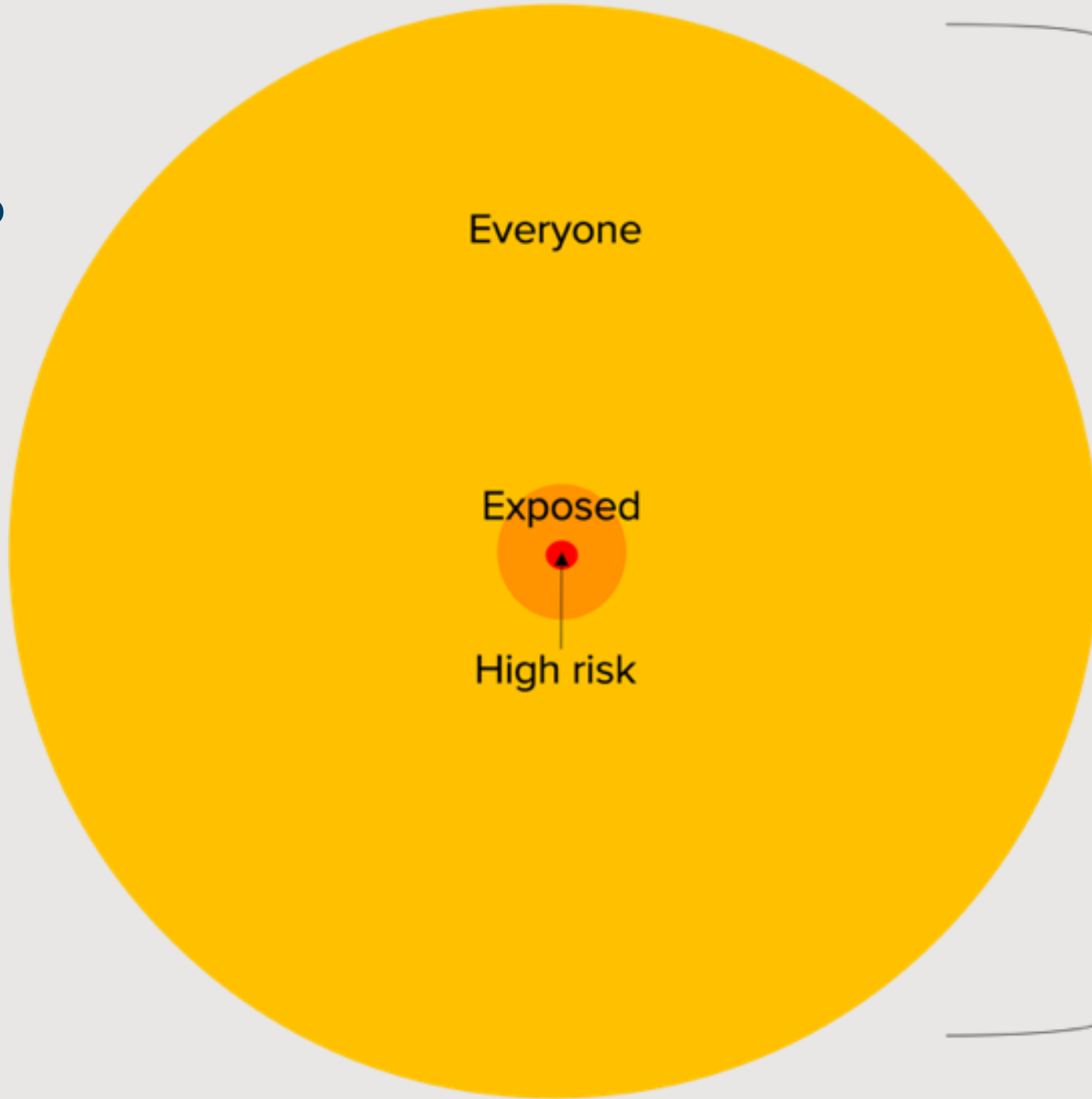
Current state vs objective

INCREASING IMPACT ON THE DECISION 

| | INFORM | CONSULT | INVOLVE | COLLABORATE | EMPOWER |
|----------------------------------|--|--|---|--|--|
| PUBLIC PARTICIPATION GOAL | To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions. | To obtain public feedback on analysis, alternatives and/or decisions. | To work directly with the public throughout the process to ensure that public concerns and aspirations are consistently understood and considered. | To partner with the public in each aspect of the decision including the development of alternatives and the identification of the preferred solution. | To place final decision making in the hands of the public. |
| PROMISE TO THE PUBLIC | We will keep you informed. | We will keep you informed, listen to and acknowledge concerns and aspirations, and provide feedback on how public input influenced the decision. We will seek your feedback on drafts and proposals. | We will work with you to ensure that your concerns and aspirations are directly reflected in the alternatives developed and provide feedback on how public input influenced the decision. | We will work together with you to formulate solutions and incorporate your advice and recommendations into the decisions to the maximum extent possible. | We will implement what you decide. |



Who?



People who have experienced flooding

People who have not experienced flooding



Everyone



Everyone

Exposed

High risk

People who have experienced flooding

People who have not experienced flooding



Exposed

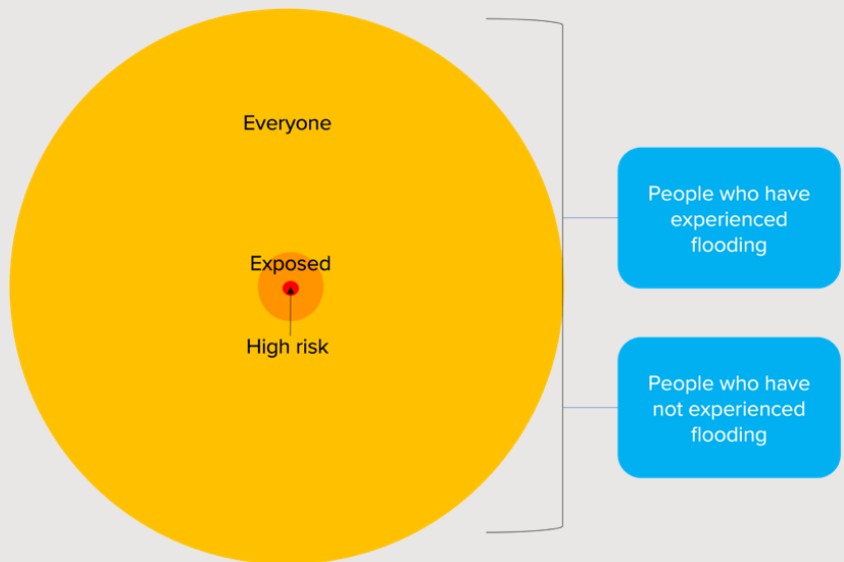


People who have experienced flooding

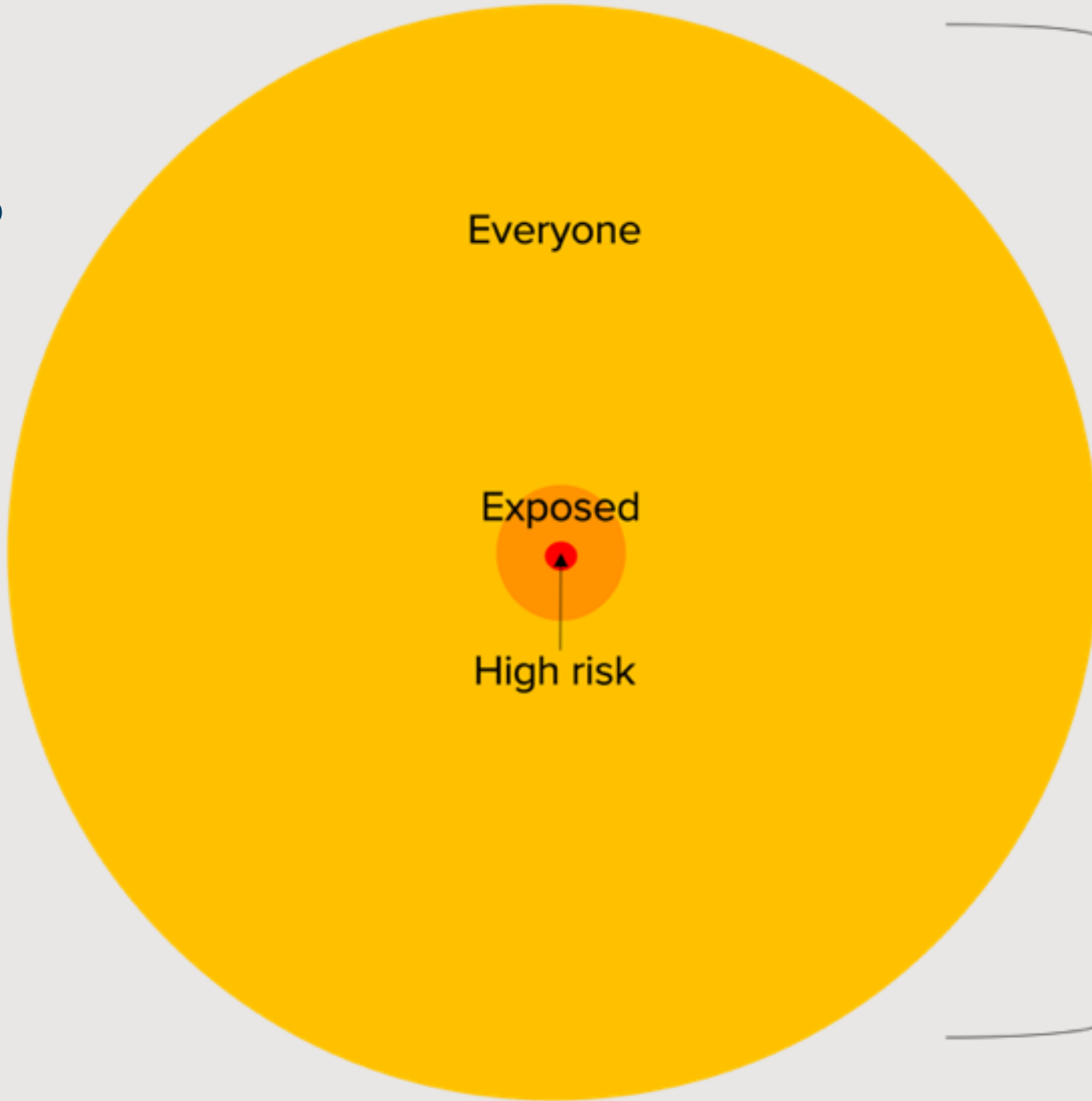
People who have not experienced flooding



High Risk



Who?



People who have experienced flooding

People who have not experienced flooding



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Flood Risk video series

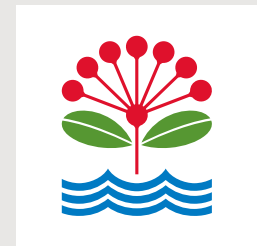
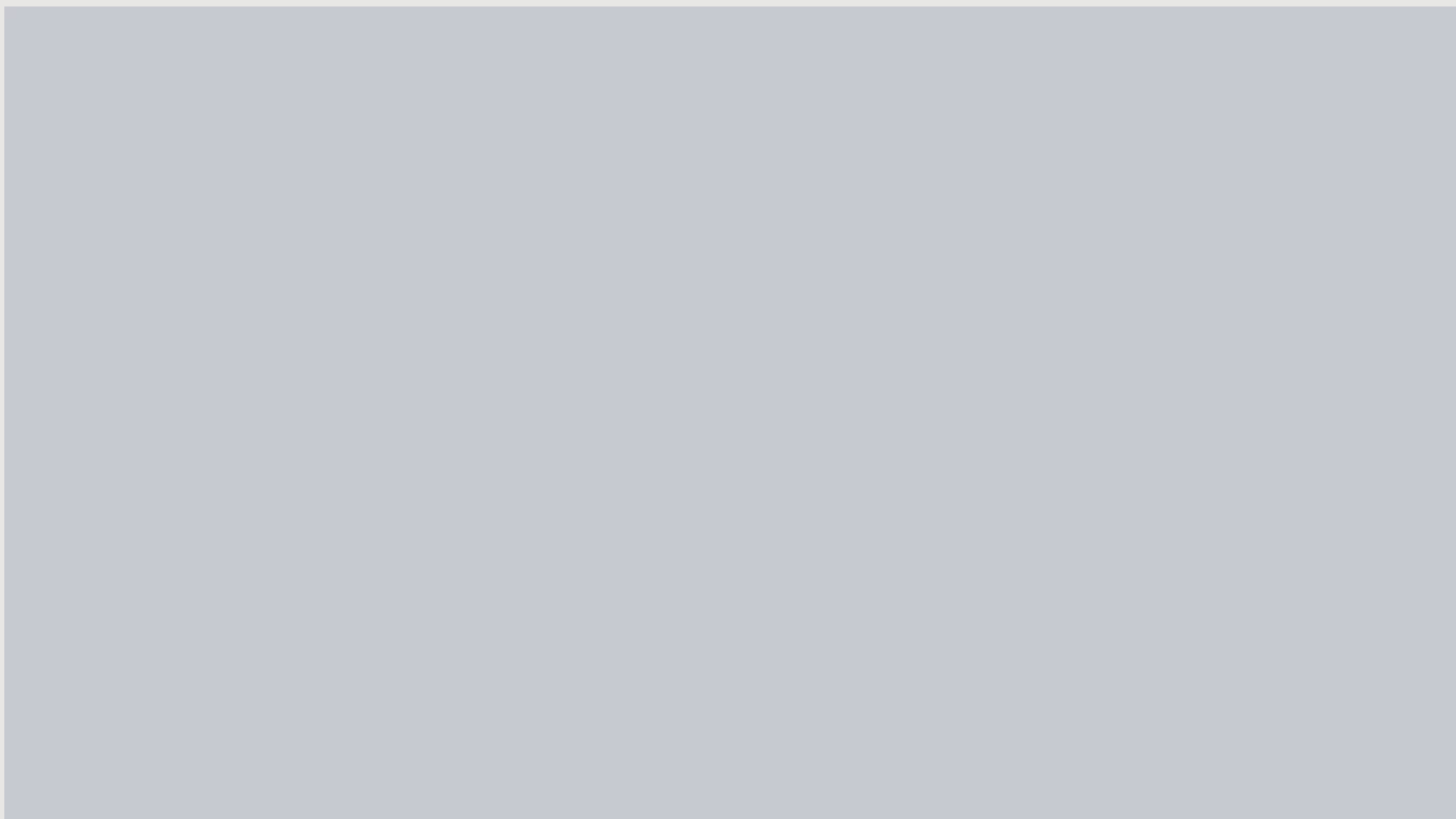
Published:

1. How to stay safe during a flood
2. Do's and don'ts of flooding

In development:

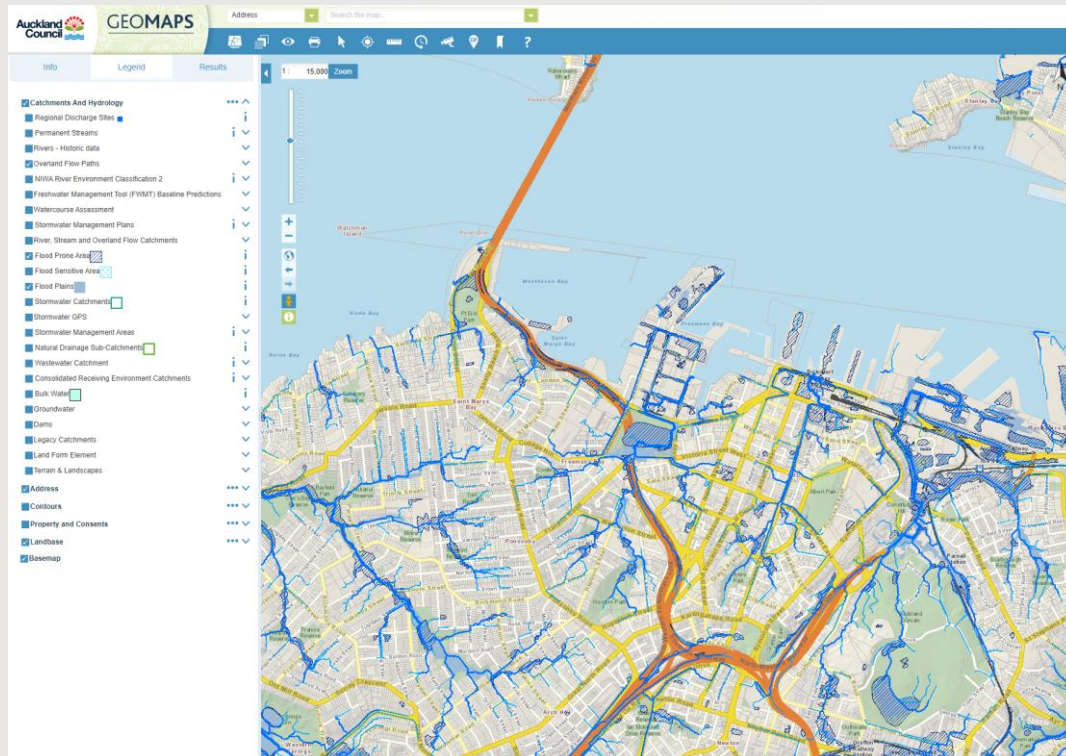
1. About flooding
2. How to prepare your home for flooding



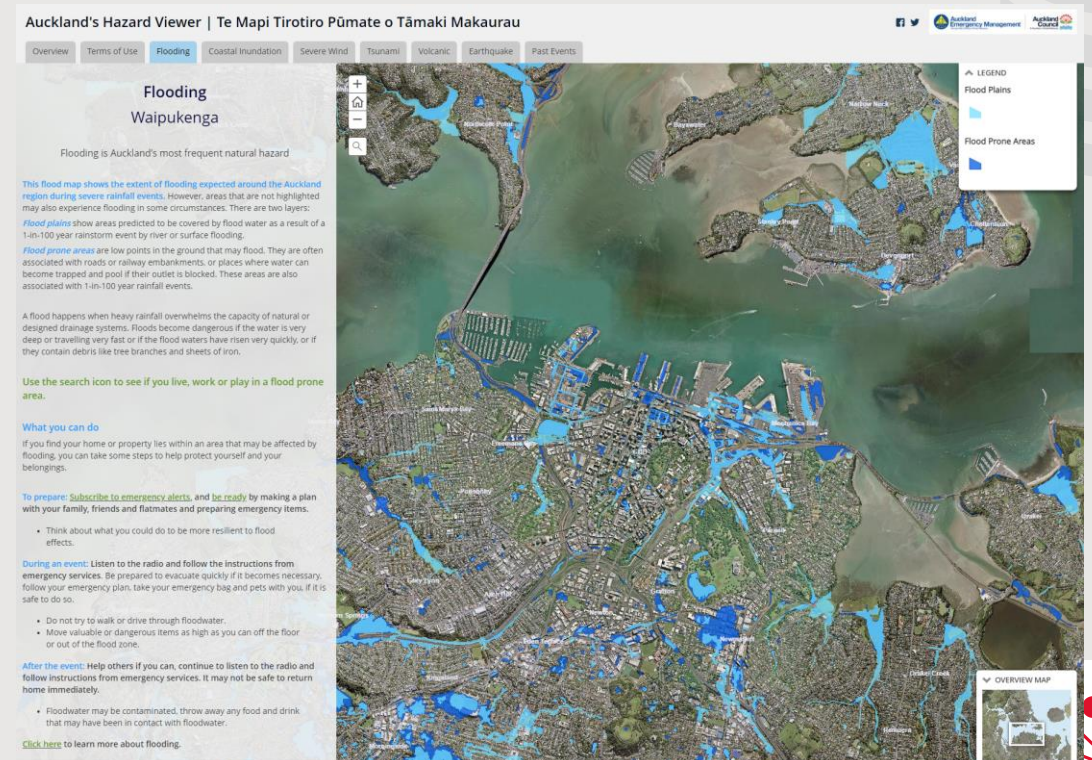


Current options


Geomaps



Auckland's Hazard Viewer



Tāmaki Makaurau Auckland Flood Viewer




Te Kaunihera o Tāmaki Makaurau

Welcome to our region's Flood Viewer


Flooding is Tāmaki Makaurau Auckland's most frequently occurring natural hazard. To find out if your home or somewhere you care about might be affected, enter an address or place name in the search box above the map on the home page.

You can also find out more about the causes of flooding, the increased future risks relating to climate change, as well as how to protect your family and property from flood waters.




Disclaimer

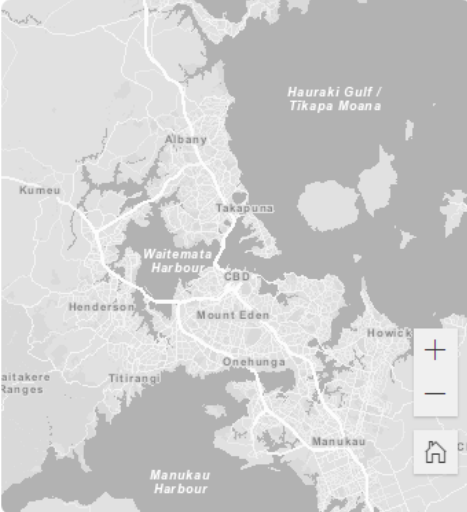
The GIS layers used in this viewer are taken from Auckland Council's GeoMaps website. The information



Tāmaki Makaurau Auckland




Start typing an address or place name




[Learn about the different types of flooding shown in ...](#)

[Links to further information about flooding](#)

[What to do in an emergency](#)




Flooding can occur in different ways during heavy rainfall



Floodplains

Areas predicted to be covered by flood water following large rainstorms.


[Learn more >](#)



Significant ponding areas

Areas where water can become trapped and flood especially if the outlet pipe is blocked.

[Learn more >](#)



Overland flow paths

Paths water will naturally flow over the



Tāmaki Makaurau Auckland Flood Viewer

Tāmaki Makaurau Auckland
FLOOD VIEWER

Te Reo English

Auckland Council

[Search map and home page](#) [Different ways flooding can occur](#) [Preparing for a flood and further information](#)

The different types of flooding shown in the map

Start typing an address or place name

Floodplains
Flat areas adjacent to streams or rivers that are predicted to be covered by flood water following large rainstorms.
[Learn more >](#)

Flood depression areas
Areas where water can become trapped and flood especially if the outlet pipe is blocked.
[Learn more >](#)

Overland flow paths
Paths water will naturally flow over the ground when the stormwater network is overloaded.
[Learn more >](#)

Coastal inundation
Coastal areas predicted to be covered by sea water during storm events.
[Learn more >](#)

Note: all types of flooding will become visible once you search for an address. However, they will all gradually disappear from view as you zoom out. This helps to make the map perform better.

Layers Legend

- Street number
- Flood depression areas
- Floodplains
- Coastal inundation
- Overland flow paths

[Prepare for a flood >](#)

Useful links

[Auckland Council](#) [Auckland Emergency Management](#) [Toka Tū Ake EQC](#) [Insurance Council of New Zealand \(ICNZ\)](#)

[Tenancy Services](#) [Severe Weather Warnings](#) [Feedback](#)

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New Zealand Government **Auckland Council**



[Home page](#)

Timeslider

Media gallery

[How to use this map](#)

Coastal inundation

Erosion

Flooding

Storm



Other maps in this app and links to further information:



Timeslider - filter records on 20-year intervals



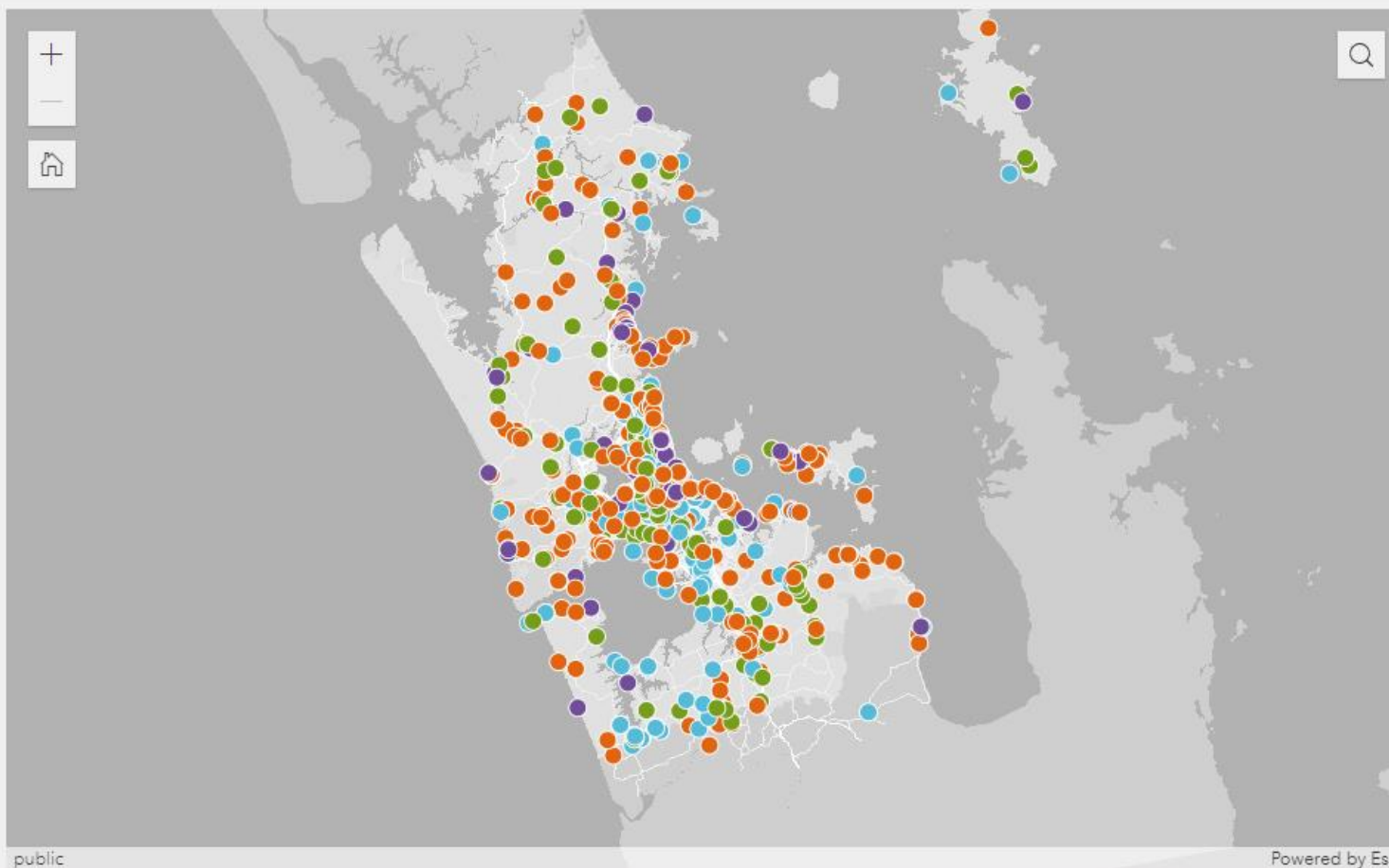
View gallery of all media



A focus on Auckland's great storm of 1936



Auckland Council Flood Portal



public

Powered by Esri

Useful links

[Auckland Flood Viewer](#)

[Auckland Libraries](#)

[Auckland Council](#)



Home page

Timeslider

Media gallery

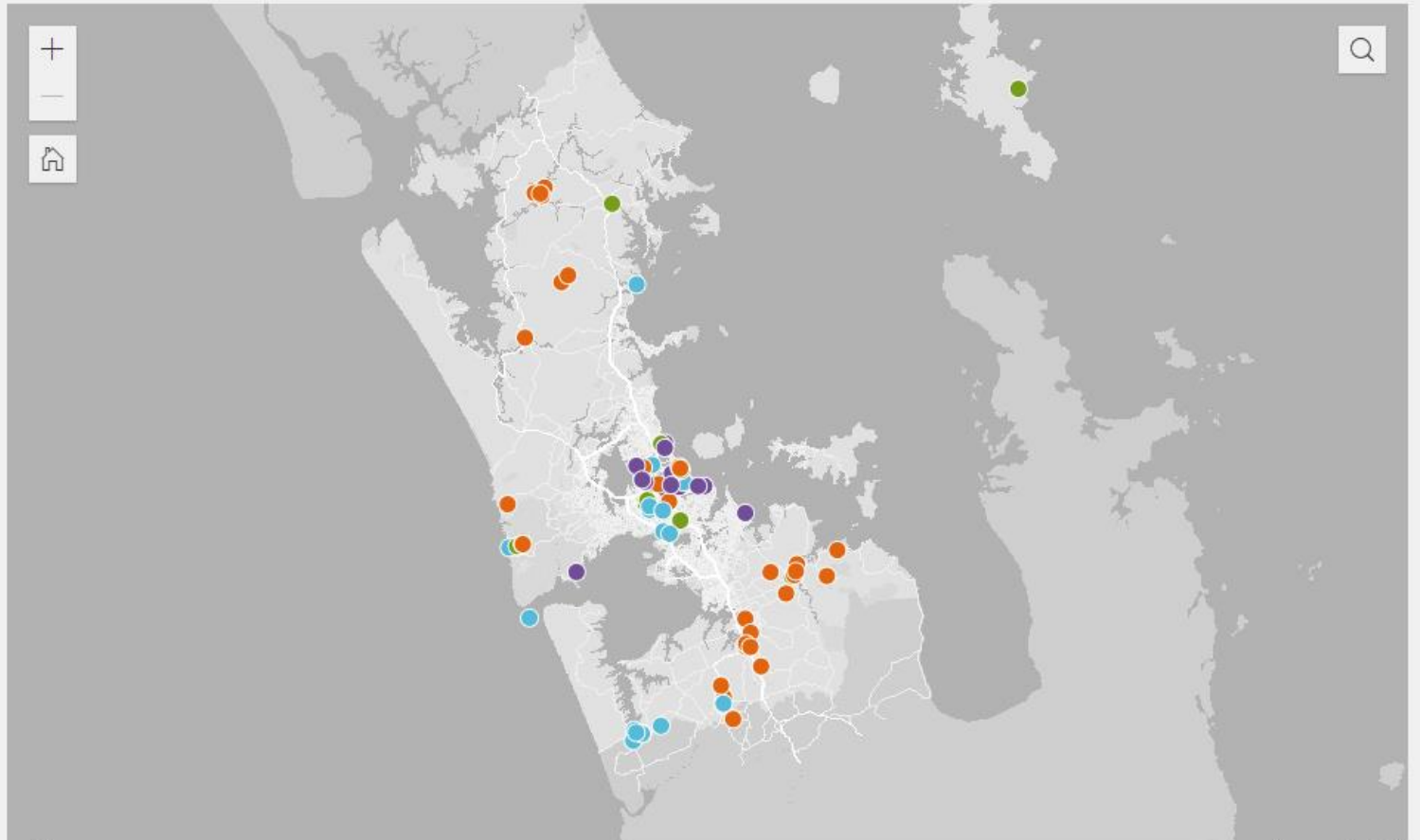
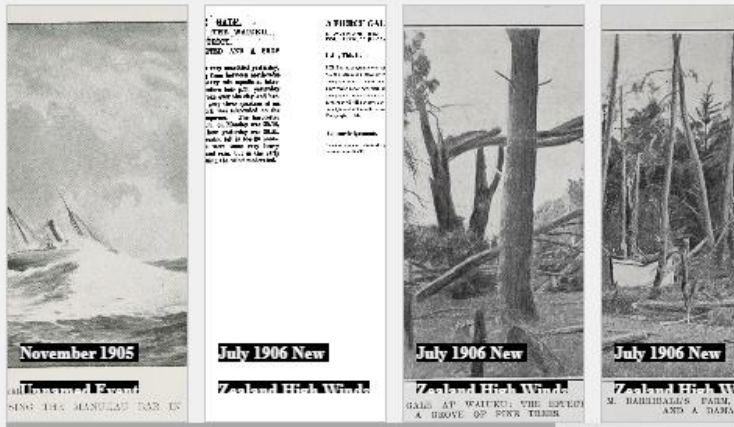
[How to use this map](#)

1/1/1900 7:41:37 PM - 1/1/1920 7:41:37 PM

1860 1900 1925 1950 1975 2000 20

🔍 Type a keyword or year

Earliest to most recent ▾ ☰



Powered by Esri

Useful links

[Auckland Flood Viewer](#)

[Auckland Libraries](#)

[Auckland Council](#)



Clevedon 1966 and 2017



The extent of flood damage around Clevedon seen from above.





Auckland's Great Storm of 1936

On February 2, 1936, an Ex-Tropical Cyclone slams into Auckland.

July 7, 2022



Save Mouse



Clicks



Focus



Classics



Fireworks



Traditional Channels

- Paid media
- Print
- Radio



YOUR FLOOD IMAGES WANTED

**Auckland Council is collecting
images of flooding across the region
to prepare for future storms.**

Upload your photos, videos and details
to flooded.co.nz

AUCKLAND COUNCIL




Digital Channels

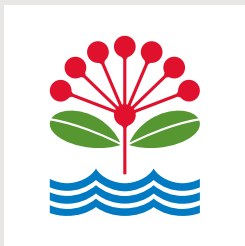
- Digital advertising
- Social media



**YOUR
FLOOD
IMAGES
WANTED**

SUBMIT THEM HERE

AUCKLAND COUNCIL 



Direct Engagement

- Community group partnerships
- Local education events
- Customer visits



What now?



Everyone knows what to do before, during and after a flood



Questions

www.aucklandcouncil.govt.nz/flooding

How to stay safe during a flood:

<https://www.youtube.com/watch?v=8OxFyKGMzxY>

Do's and don'ts of flooding: <https://www.youtube.com/watch?v=ZViVMhMPbtY>

