





### **Severe Weather**

Issued Thu 9:48am 26/01/23



Red Warning



Orange Warning



Watch



Heavy Rain



Strong Winds



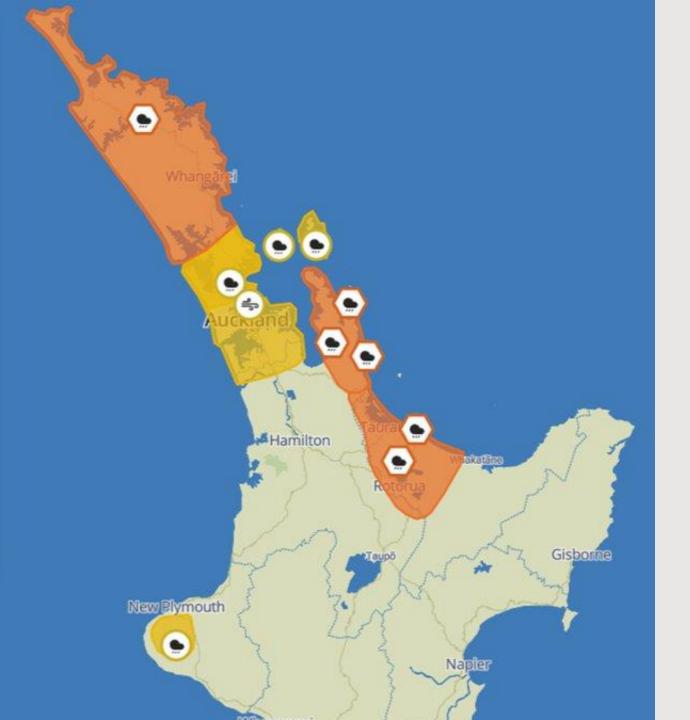
Thunderstorm



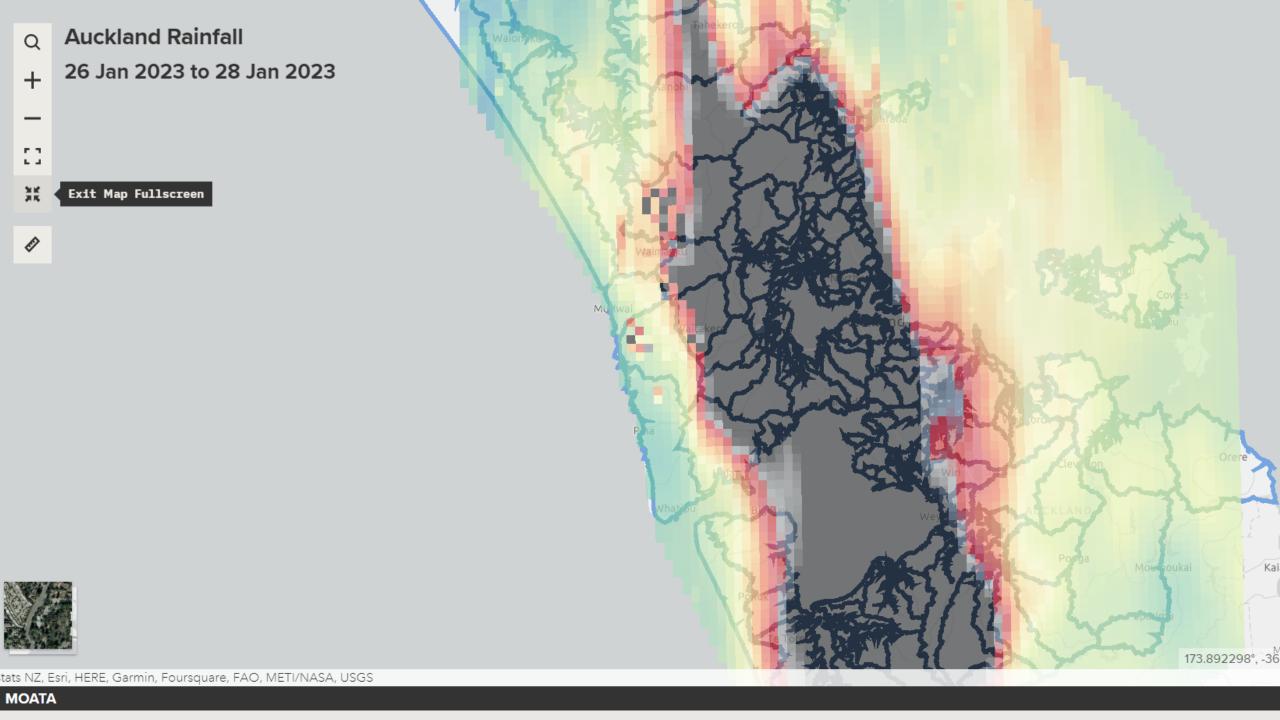
**Heavy Snow** 



Road Snowfall



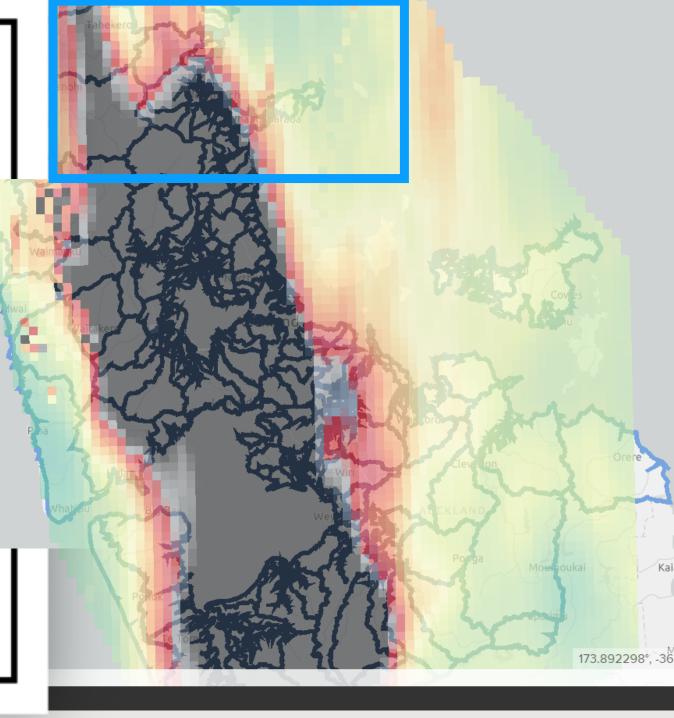






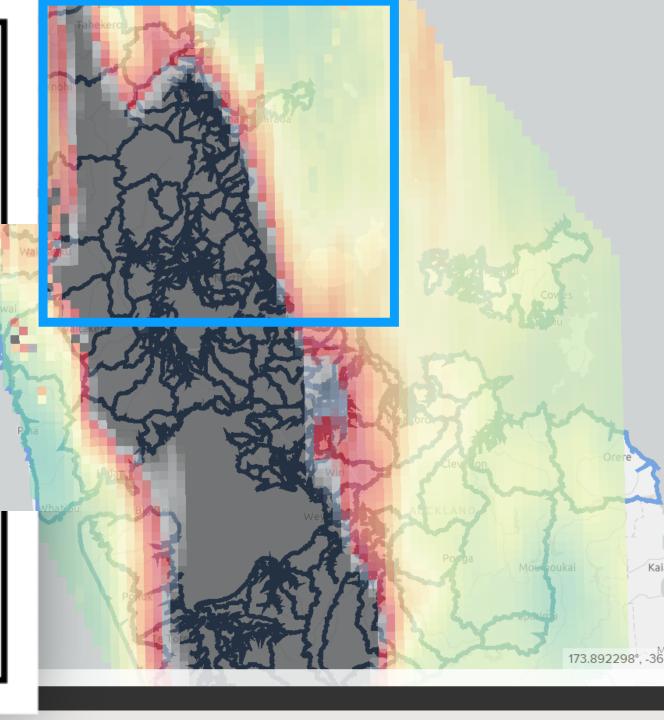
# Exit Map Fullscreen











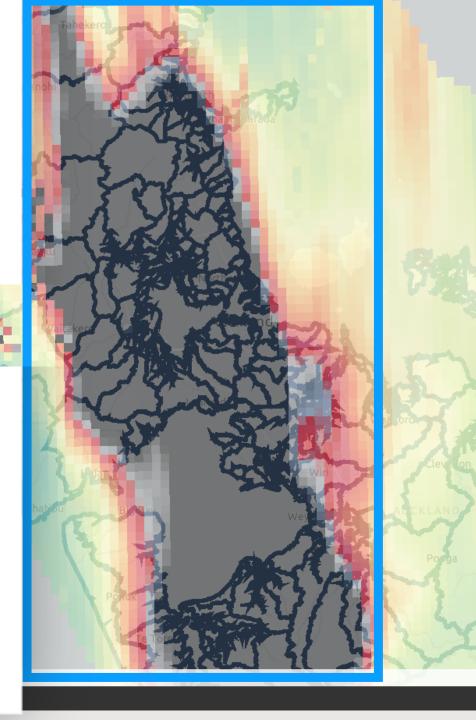
Cape Reinga Kaikohe Kerikeri
Dargaville Kaitaia Northland Piha
Whangarei
Palmerston North
Whanganui Hamilton
New Plymouth
Cisborne
Cape Reinga Kaikohe Kerikeri
Northland Piha
Whangarei
Coromandel
Thames Whitianga Whangamata
Tauranga
Cisborne

Westport Nelson
Greymouth Hoktika
Queenstown
Arrowtown
Wanaka
Wilford Sound
Te Anau
Invercargill
Stewart Island

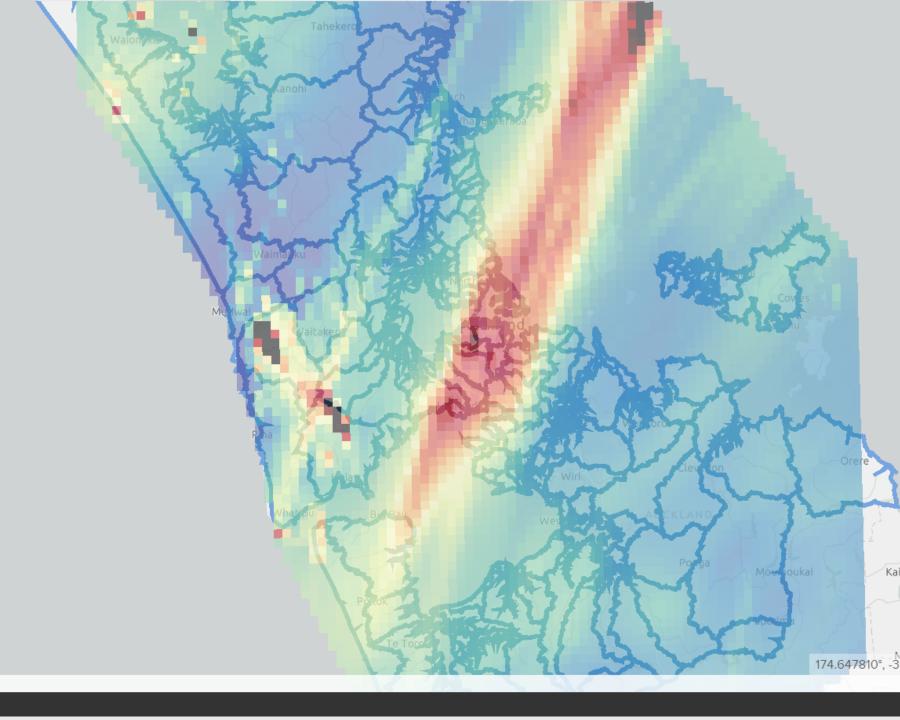
Westport Nelson

Blannevirke
Blenheim
Timaru Kaikoura
Christchurch Twizel
Dunedin
Oamaru
Ore Alexandra
Stewart Island

Bluff Cromwell



Auckland Rainfall
+ 31 Jan 2023 to 2 Feb 2023
-

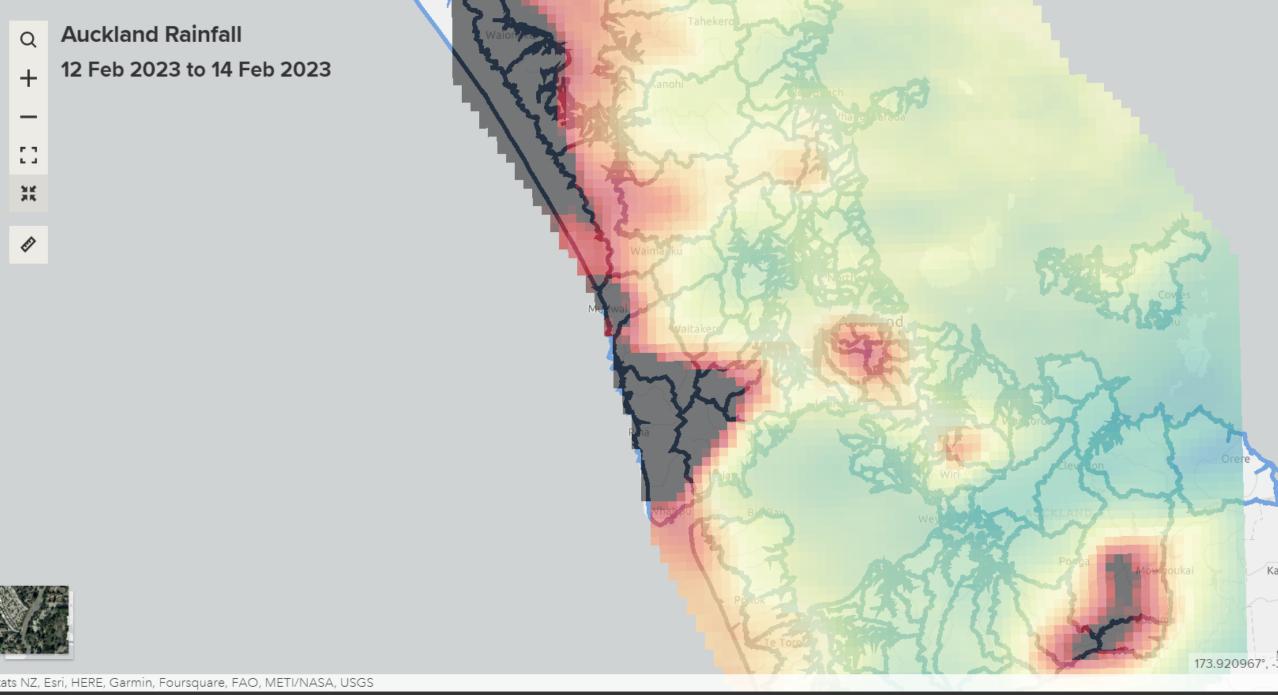




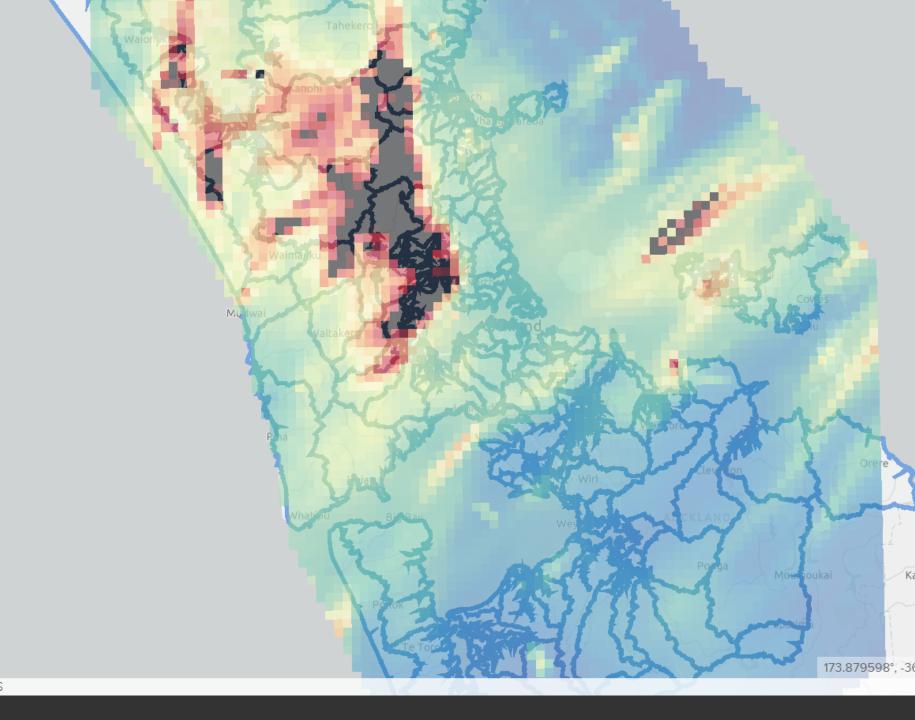
¥ K

E

Stats NZ, Esri, HERE, Garmin, Foursquare, FAO, METI/NASA, USGS



Auckland Rainfall
+ 23 Feb 2023 to 25 Feb 2023
-





XK

Timeseries Scatter Plot ARI Analysis Download

+ 300
200

10

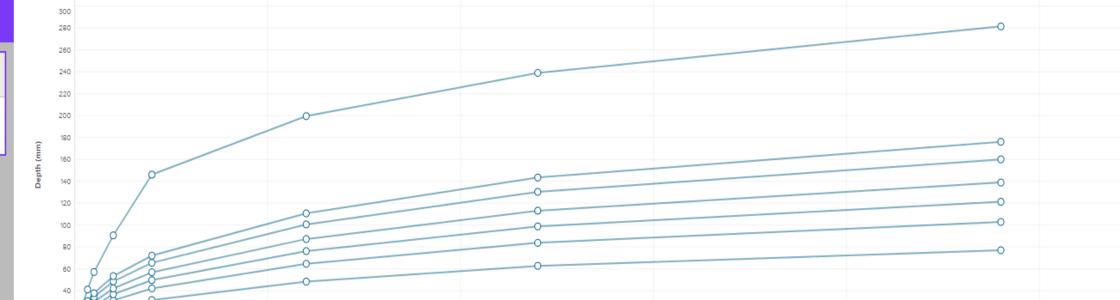
5

ain -Onehunga @ Harbour... 🔓

ak ARI

**O** 

2 hrs: >100y

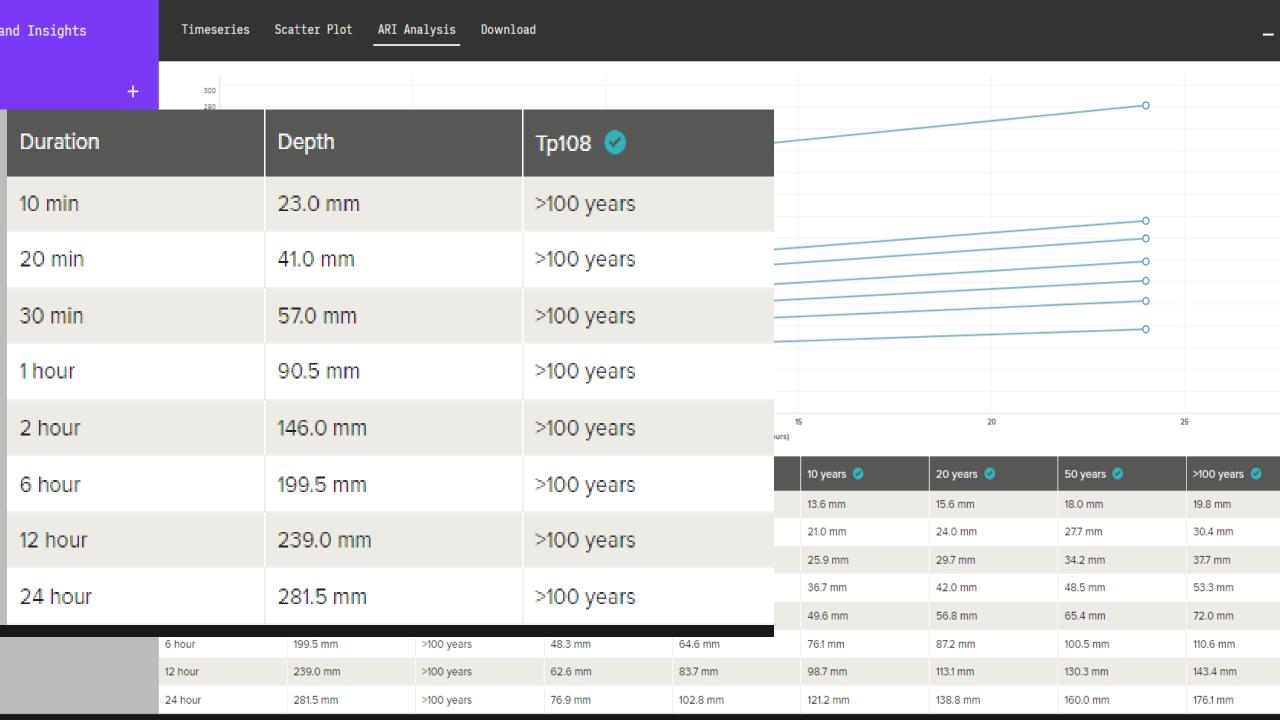


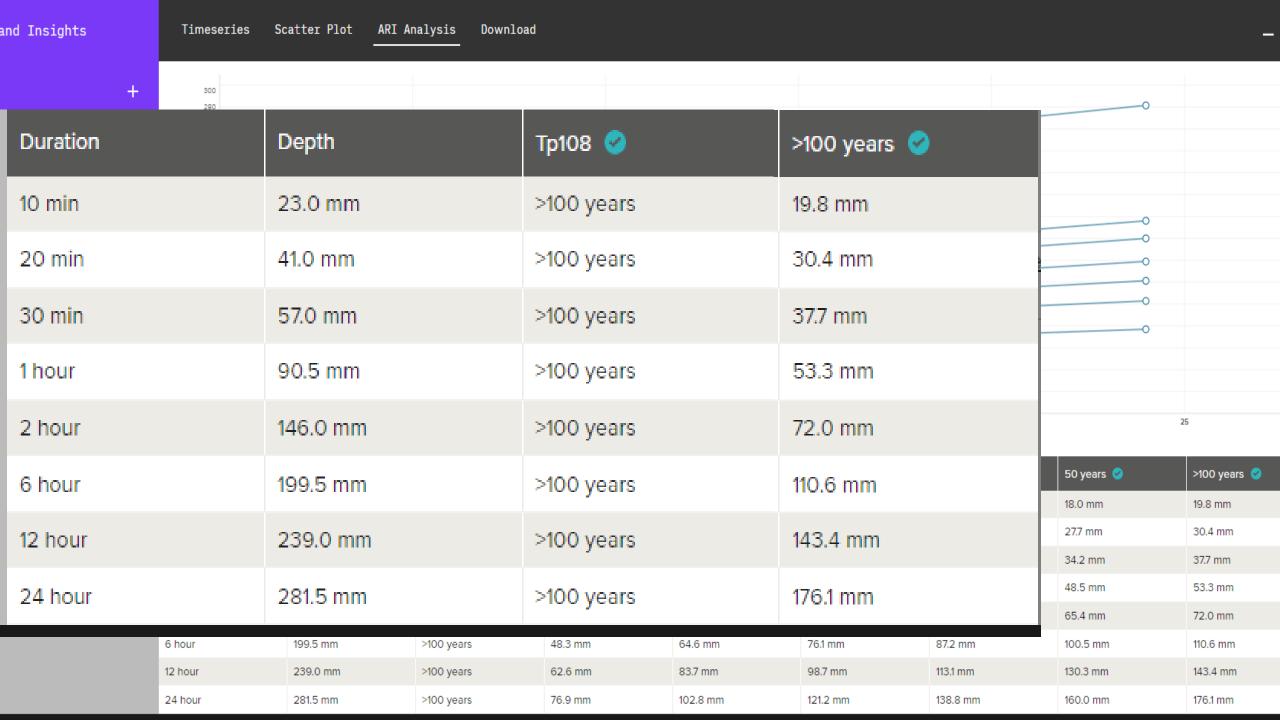
	Duration	Depth	Tp108 🥝	2 years 💙	5 years 🔮	10 years 🤡	20 years 🥝	50 years 🥝	>100 years 🤡
	10 min	23.0 mm	>100 years	8.7 mm	11.6 mm	13.6 mm	15.6 mm	18.0 mm	19.8 mm
	20 min	41.0 mm	>100 years	13.3 mm	17.8 mm	21.0 mm	24.0 mm	27.7 mm	30.4 mm
	30 min	57.0 mm	>100 years	16.5 mm	22.0 mm	25.9 mm	29.7 mm	34.2 mm	37.7 mm
	1 hour	90.5 mm	>100 years	23.3 mm	31.1 mm	36.7 mm	42.0 mm	48.5 mm	53.3 mm
	2 hour	146.0 mm	>100 years	31.5 mm	42.0 mm	49.6 mm	56.8 mm	65.4 mm	72.0 mm
	6 hour	199.5 mm	>100 years	48.3 mm	64.6 mm	76.1 mm	87.2 mm	100.5 mm	110.6 mm
	12 hour	239.0 mm	>100 years	62.6 mm	83.7 mm	98.7 mm	113.1 mm	130.3 mm	143.4 mm
	24 hour	281.5 mm	>100 years	76.9 mm	102.8 mm	121.2 mm	138.8 mm	160.0 mm	176.1 mm

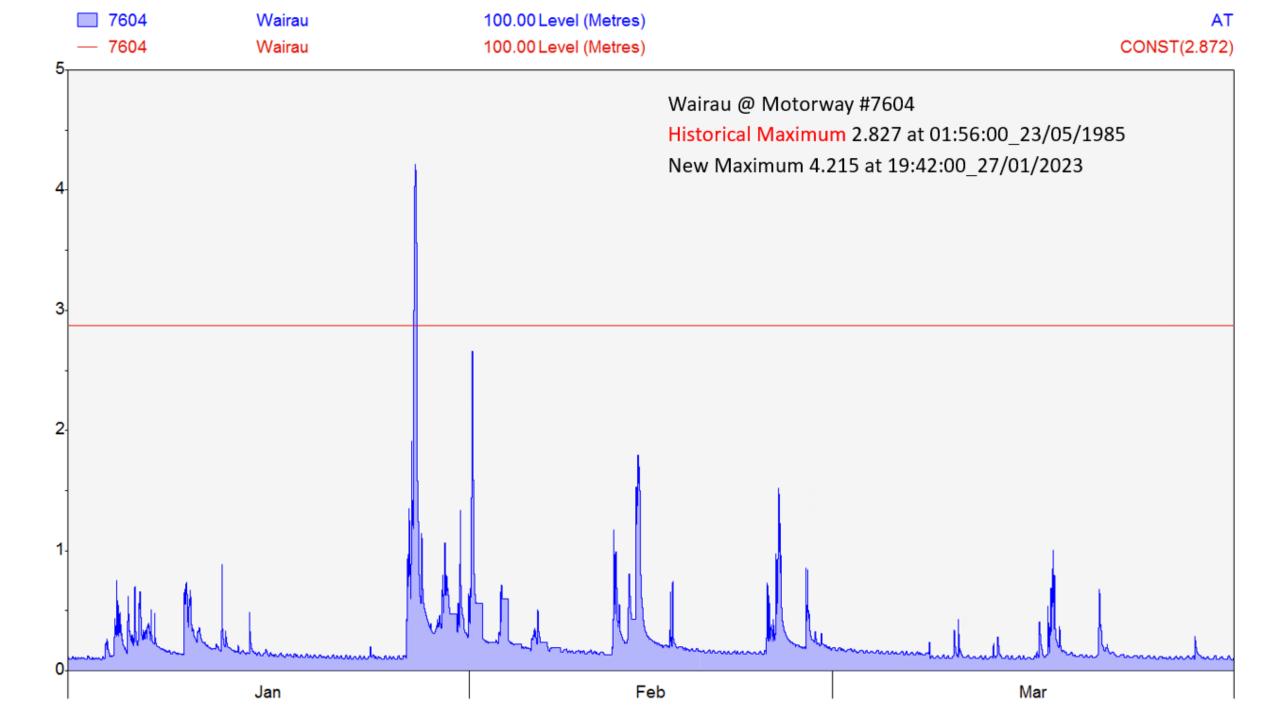
Duration (hours)

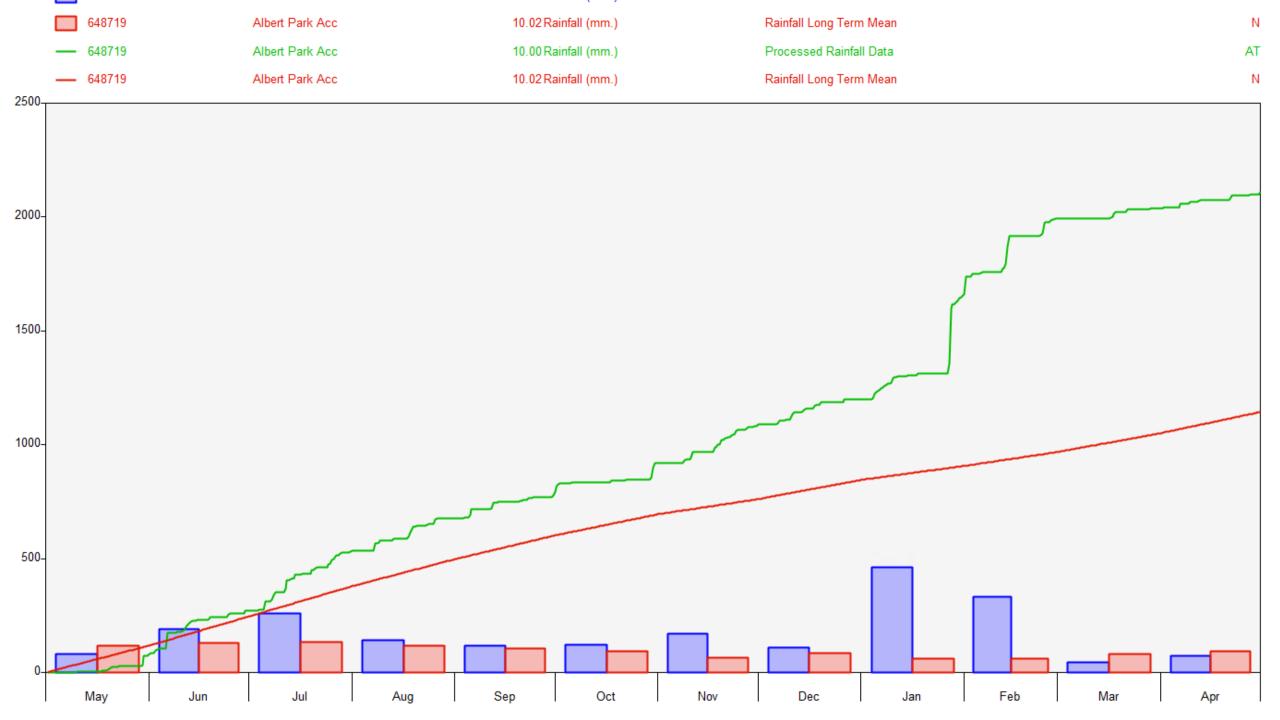
20

25





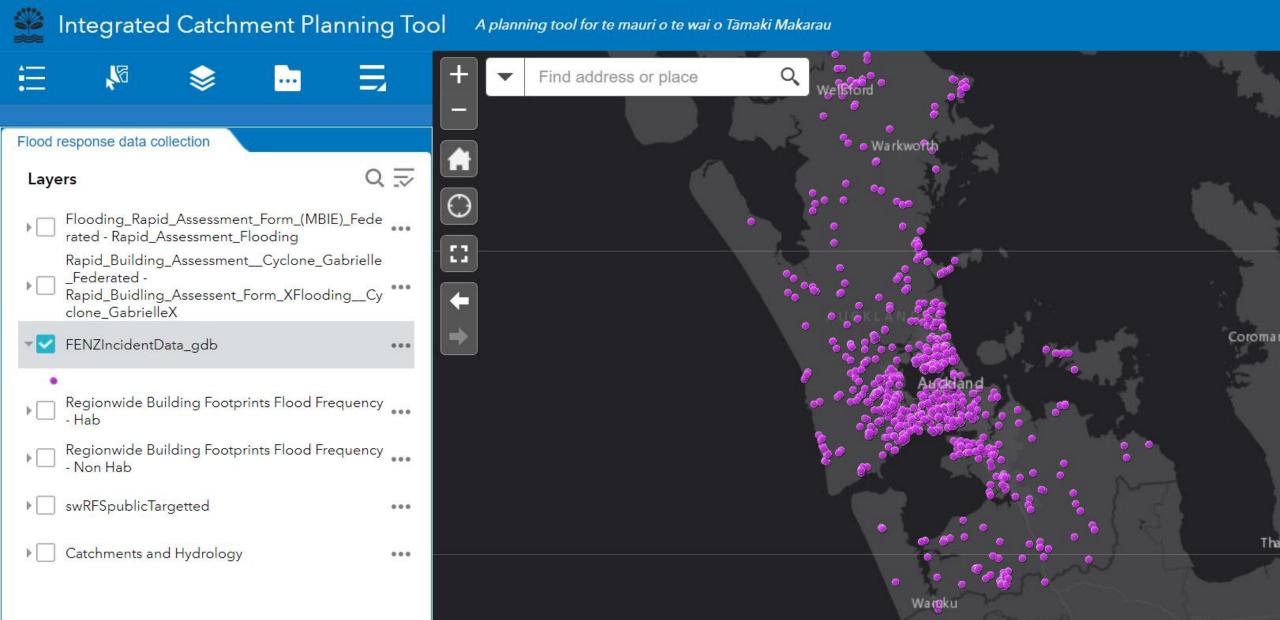




## Yearly Cumulative Rainfall (1964 - 2023) MetService Auckland Airport Data







20km

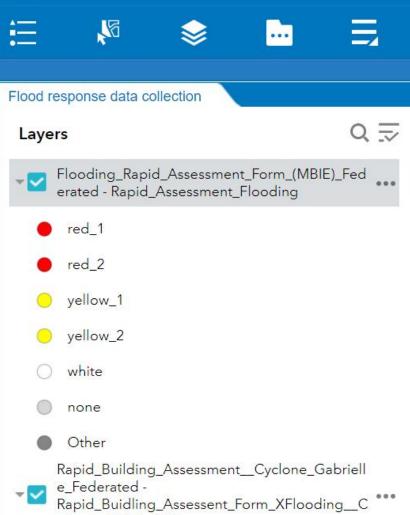
--- 173.735 -36.814 Degrees

44

Esri, HERE, Garm



A planning tool for te mauri o te wai o Tāmaki Makarau

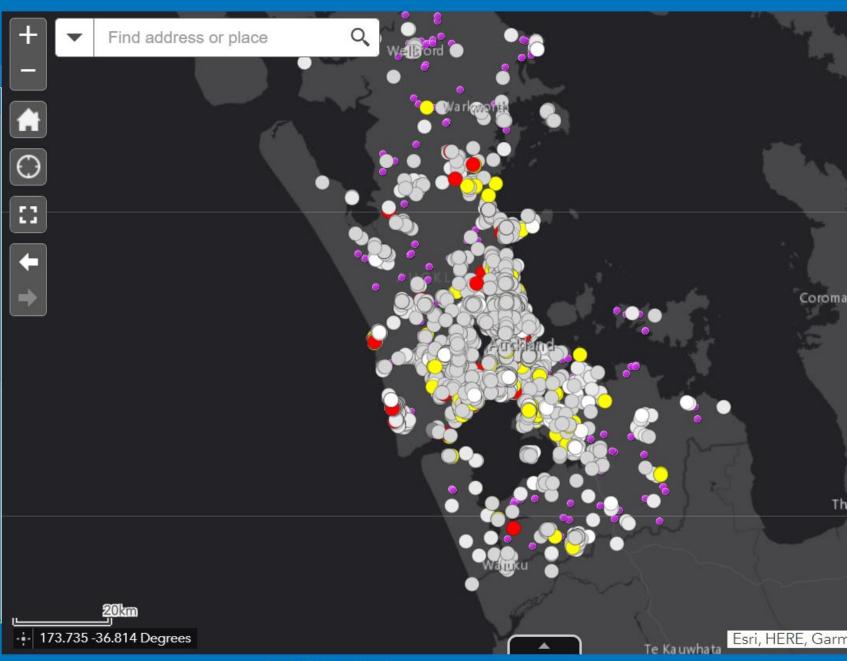


44

yclone\_GabrielleX

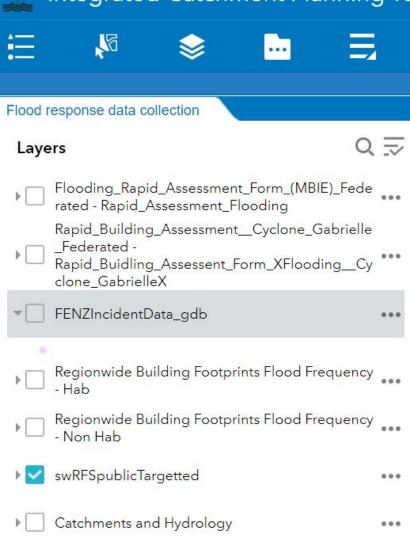
red\_1

red\_2

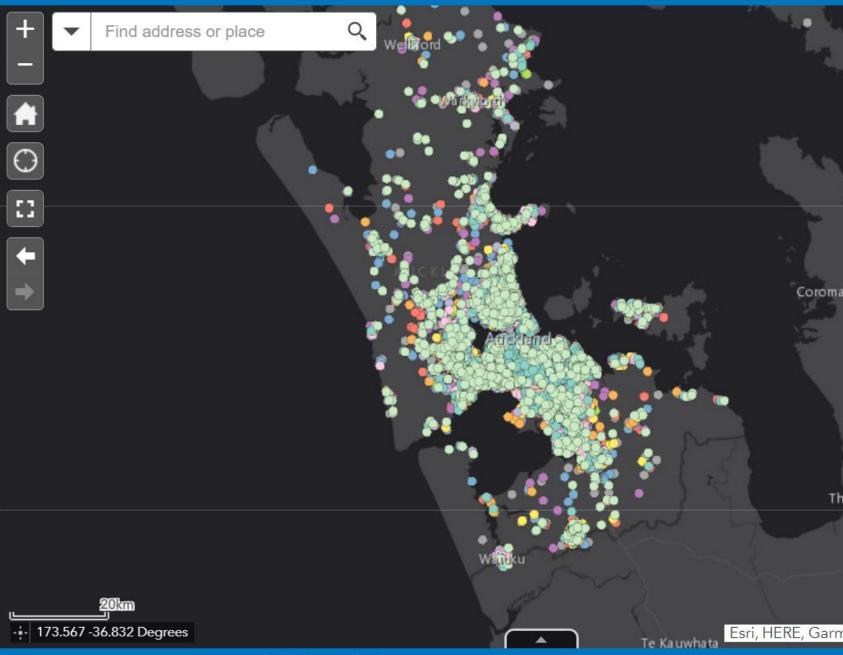


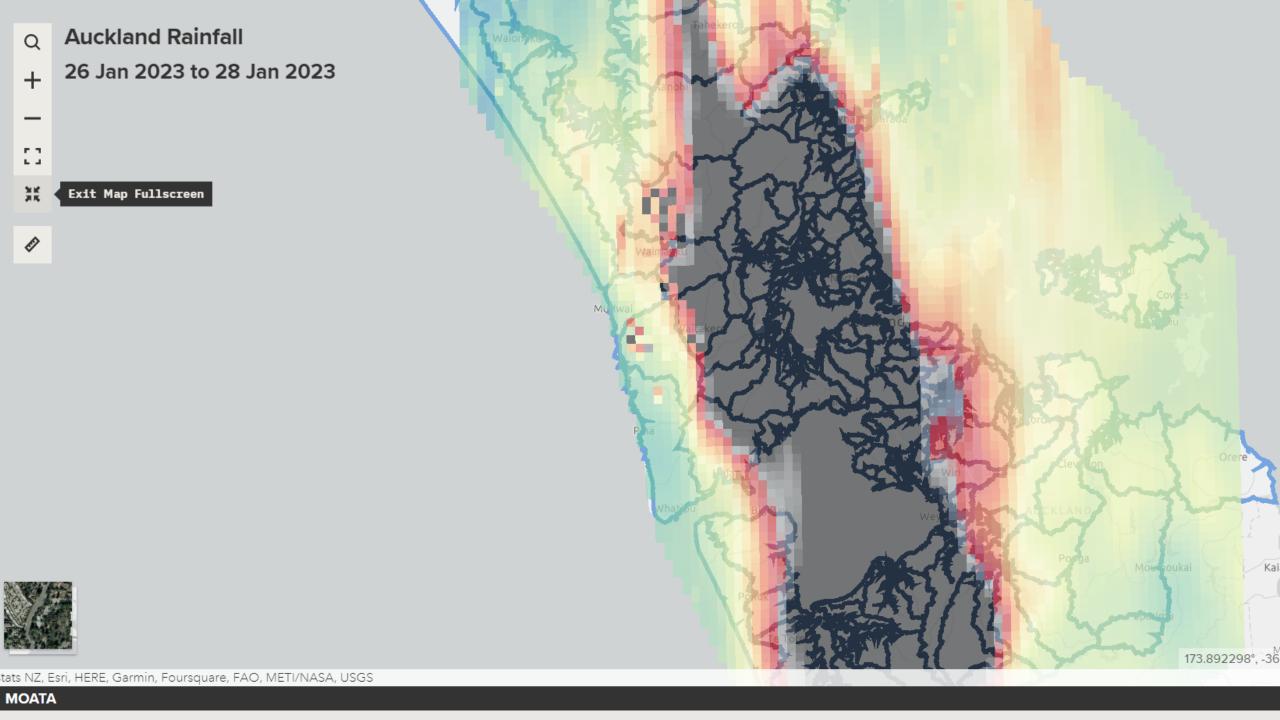


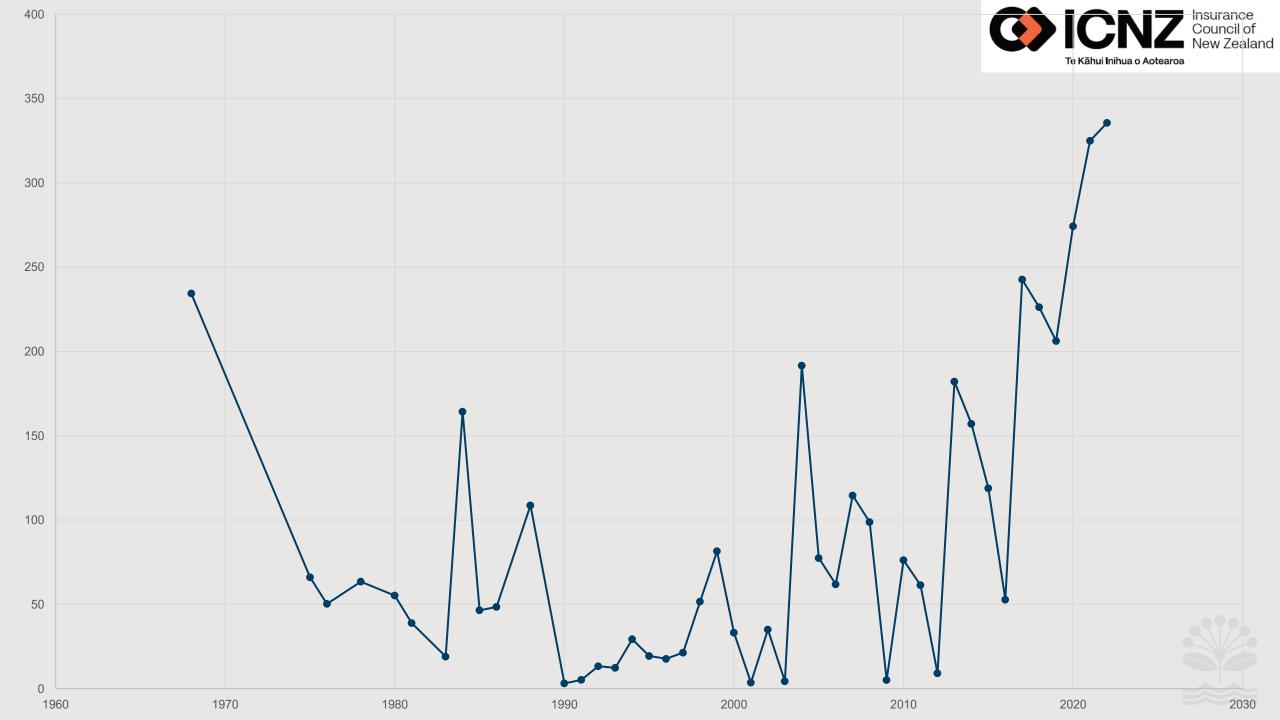
A planning tool for te mauri o te wai o Tāmaki Makarau

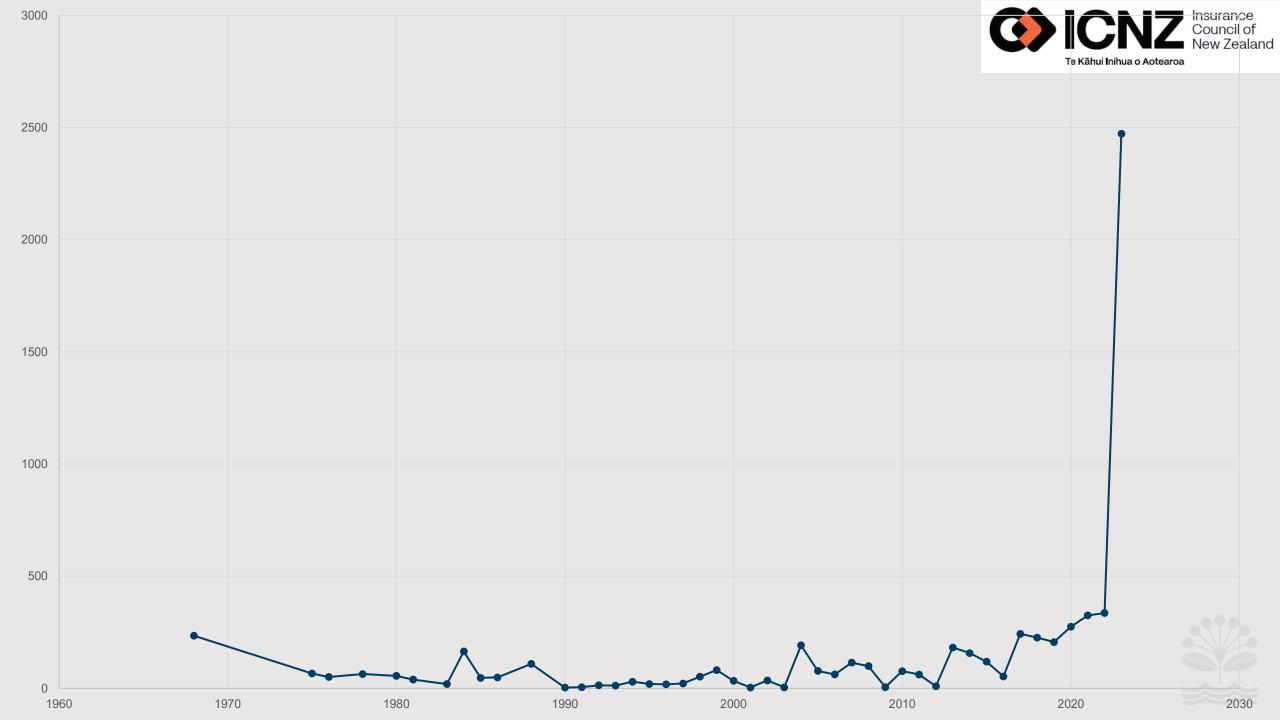


44







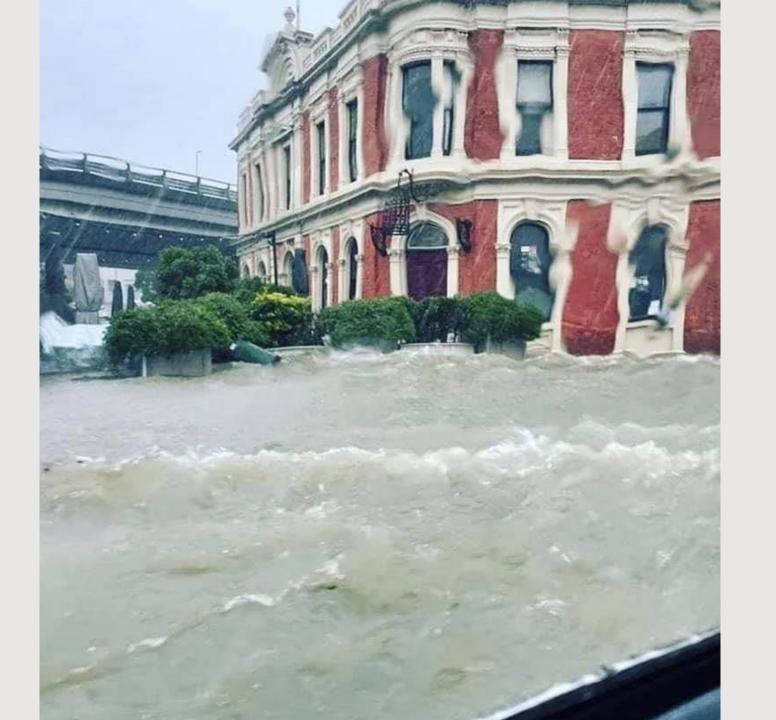


## behaviour













# opportunity

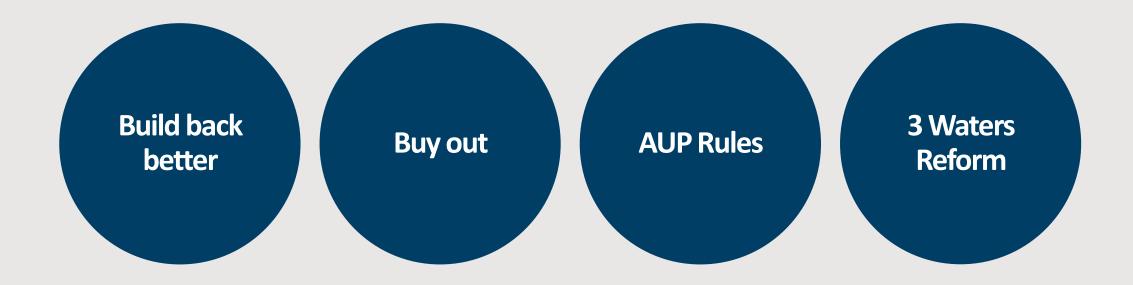


### **Immediate opportunities**





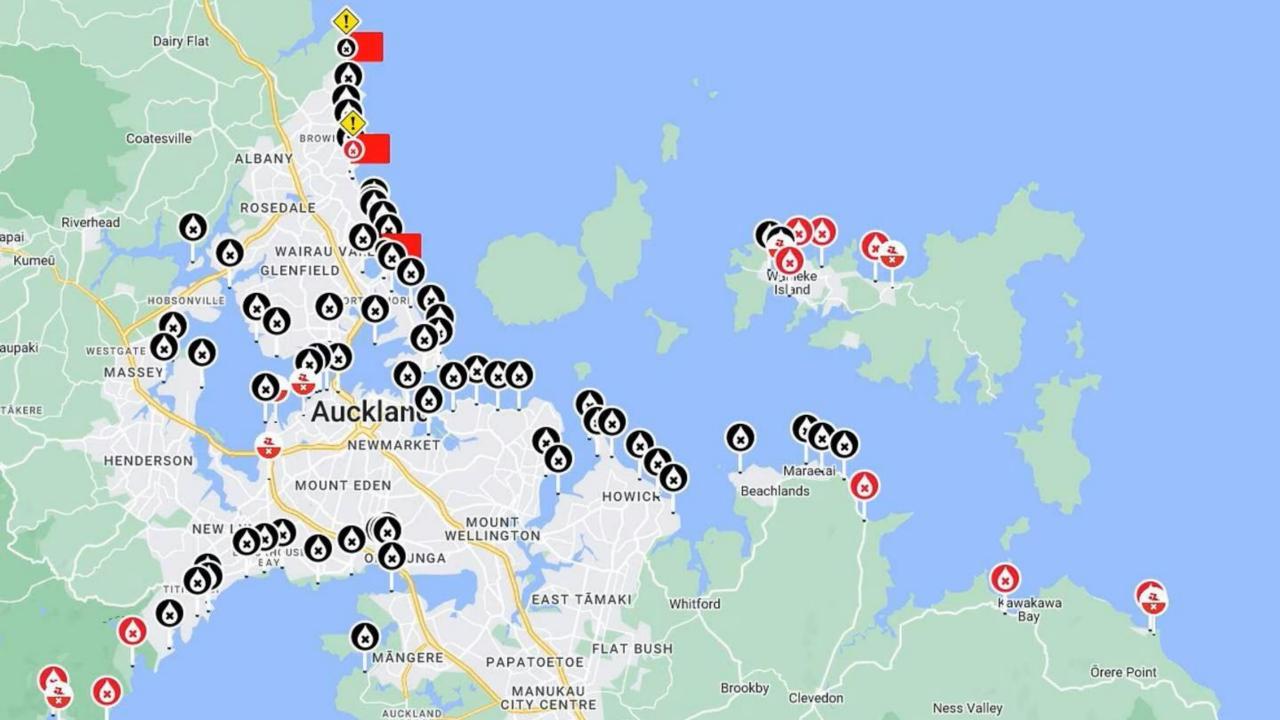
### **STRATEGIC OPPORTUNITIES**

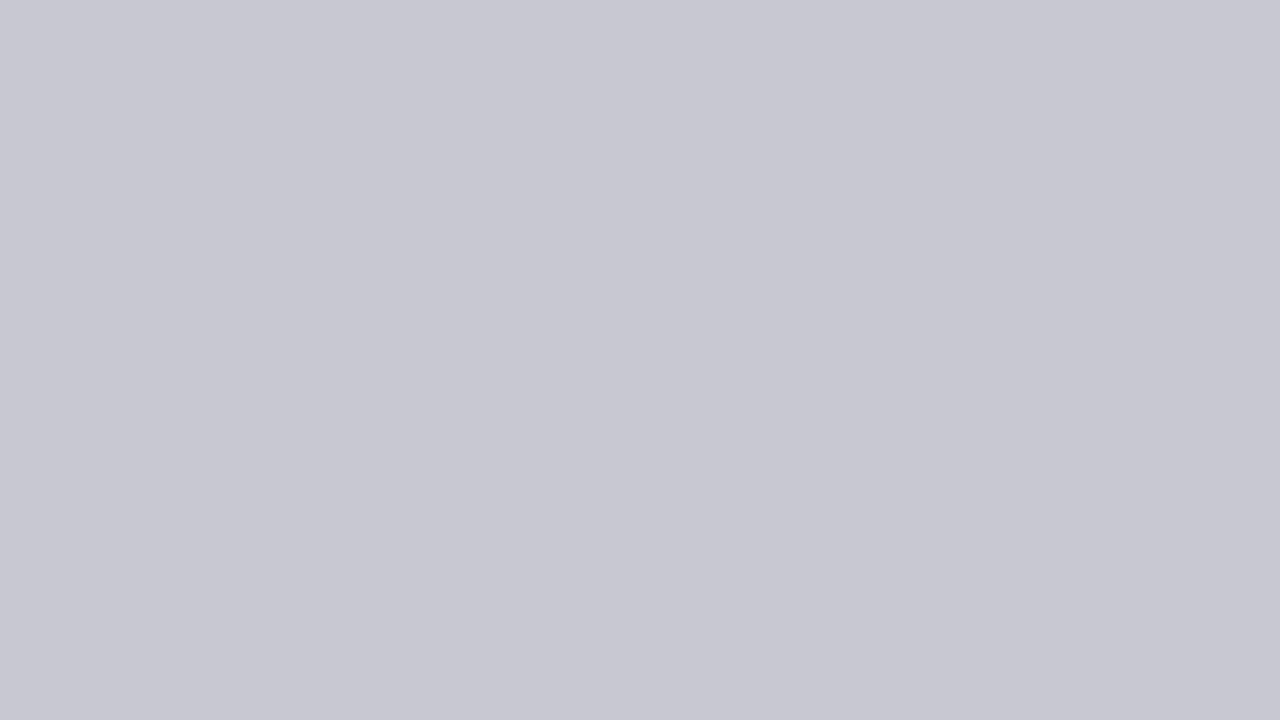




## education











### FLOOD VIEWER (Proof of Concept)

#### Search map and home page

#### Different ways flooding can occur

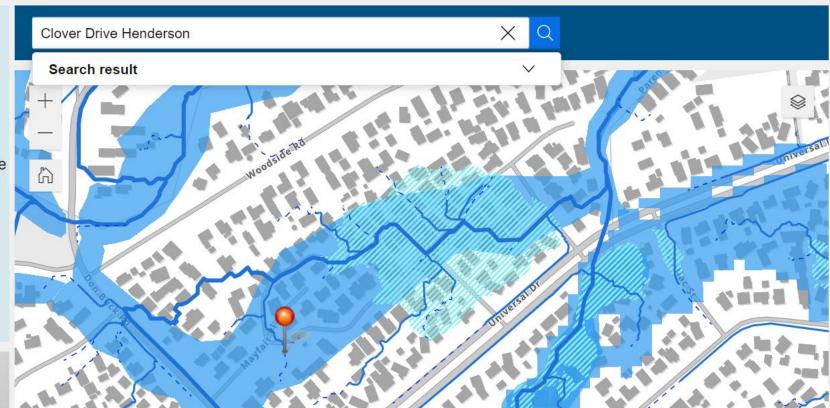
### Preparing for a flood and further information

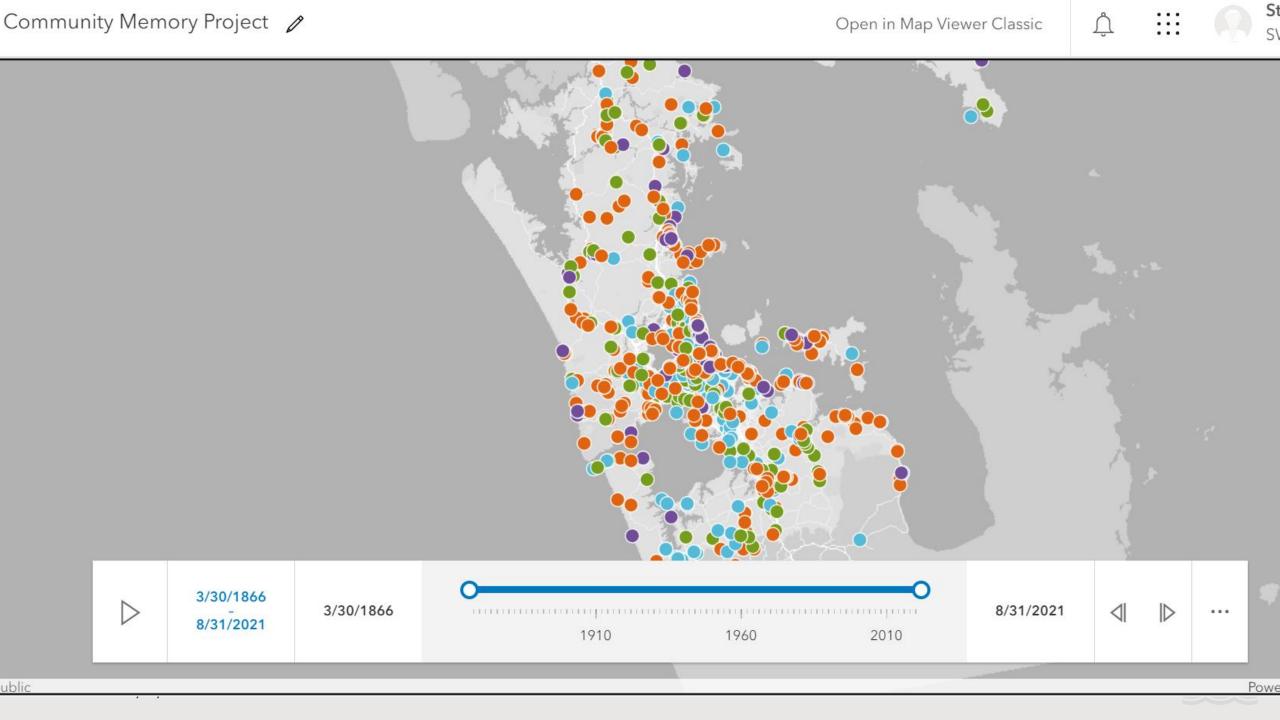
#### Welcome to our region's Flood Viewer

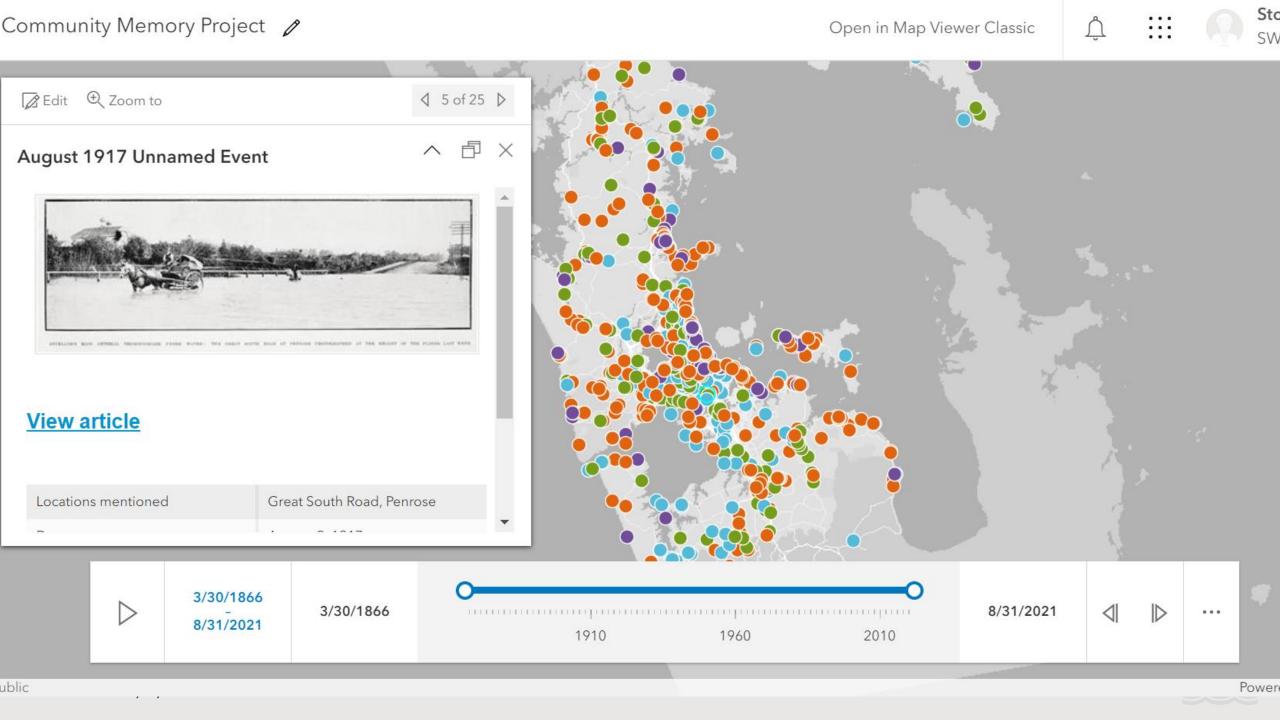
Flooding is Tāmaki Makaurau Auckland's most frequently occurring natural hazard. To find out if your home or somewhere you care about might be affected, enter an address or place name in the search box above the map.

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.

Hide this panel to learn about the map >>







### www.Flooded.co.nz



# HELP US PLAN FOR FUTURE STORMS





"First, Rodd's son came and got him. Rodd's in his 90s, so his son had to carry him out.

"Then Valerie's daughter came for her. Then Maria's daughter came for her. But no one

came for me,".

Stuff.co.nz

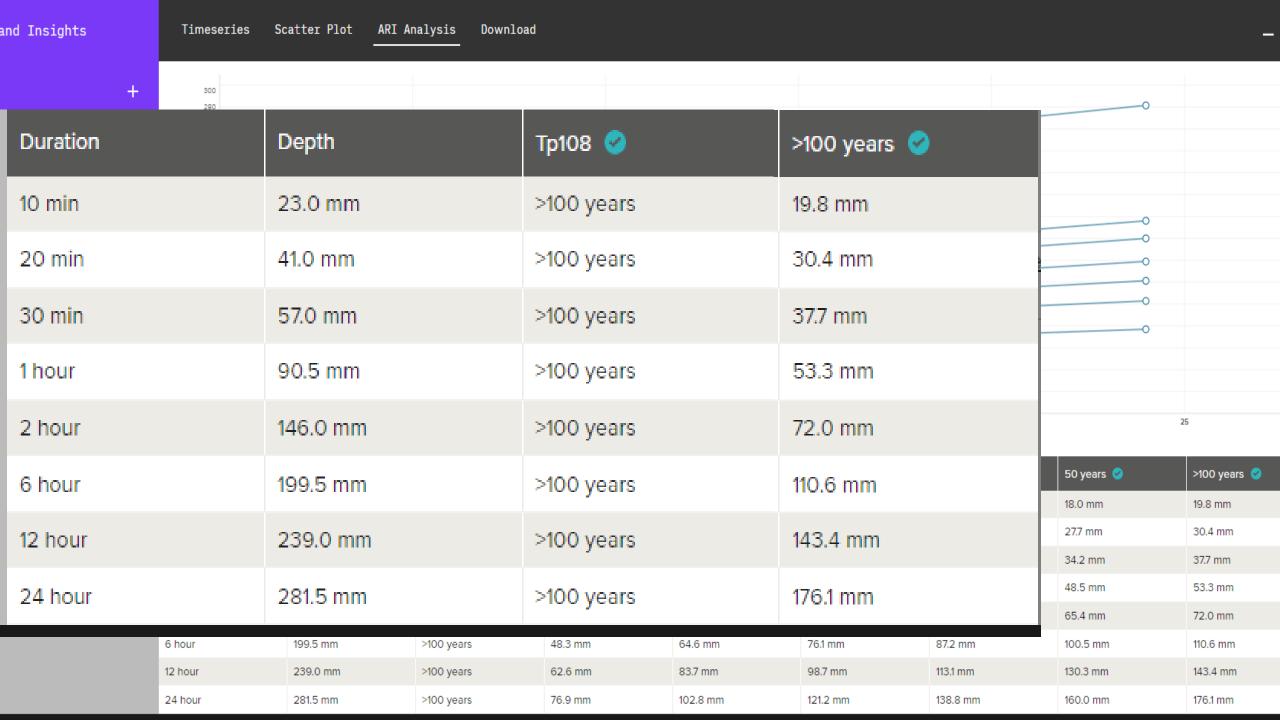
### **Advisory & Compliance**



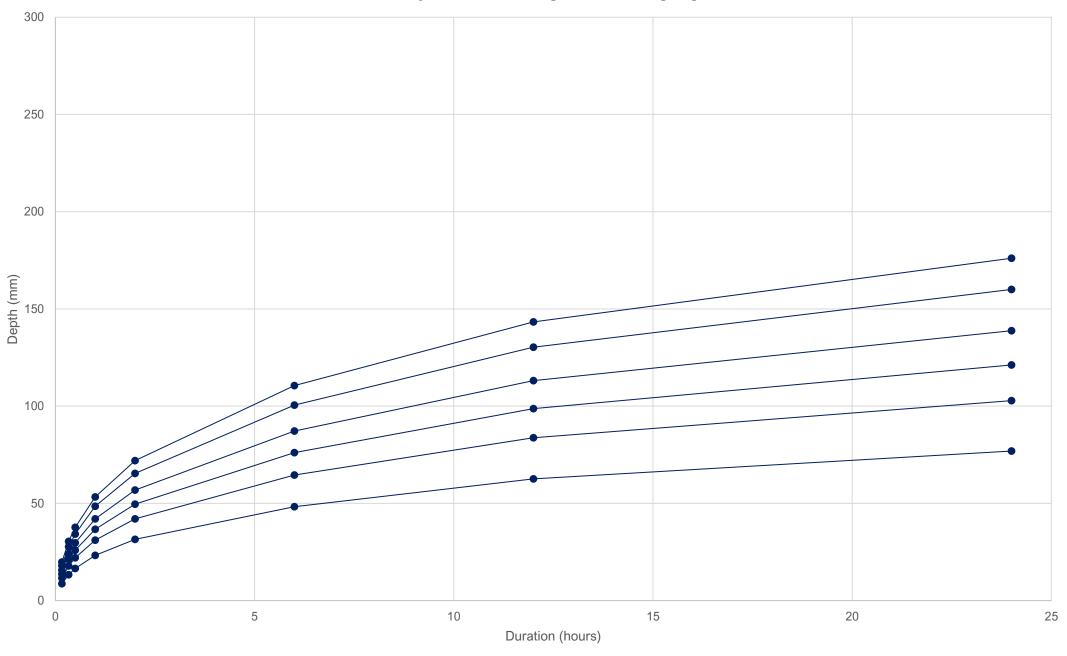


## Design standards

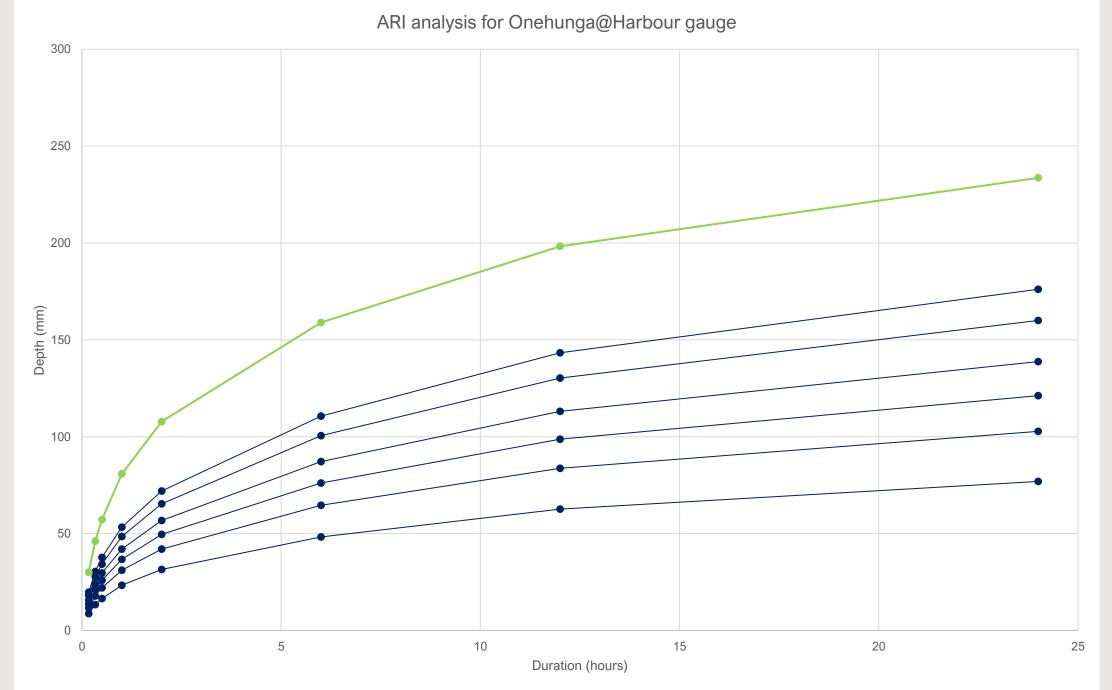




#### ARI analysis for Onehunga@Harbour gauge

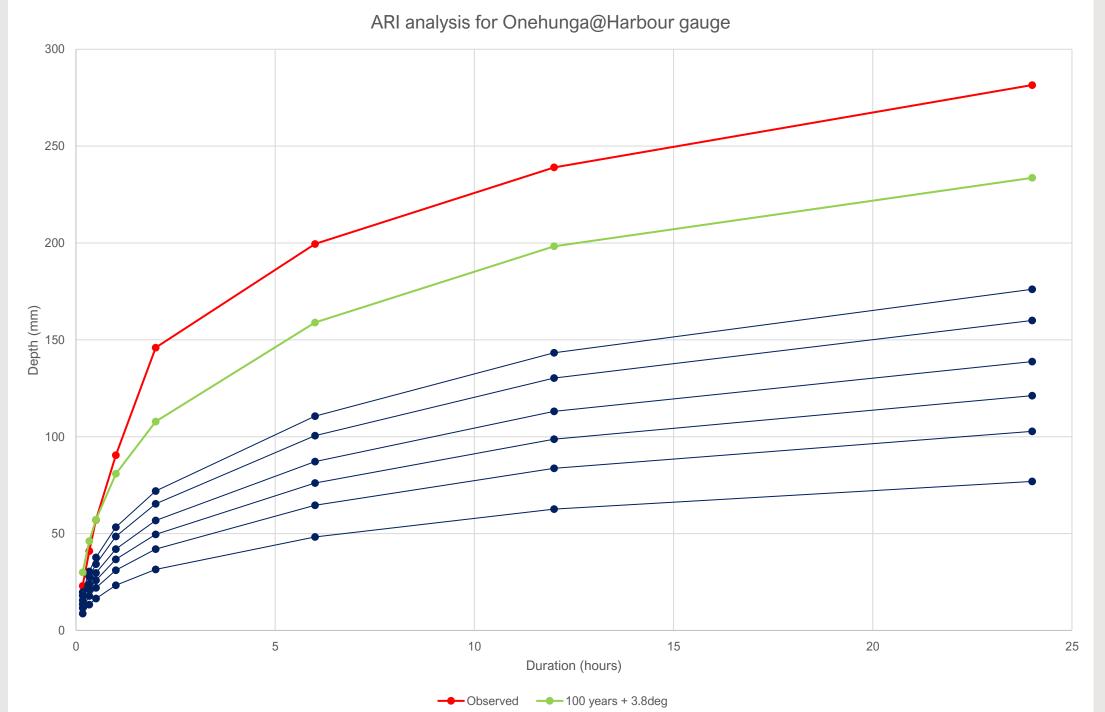






---- 100 years + 3.8deg







### Redevelopment

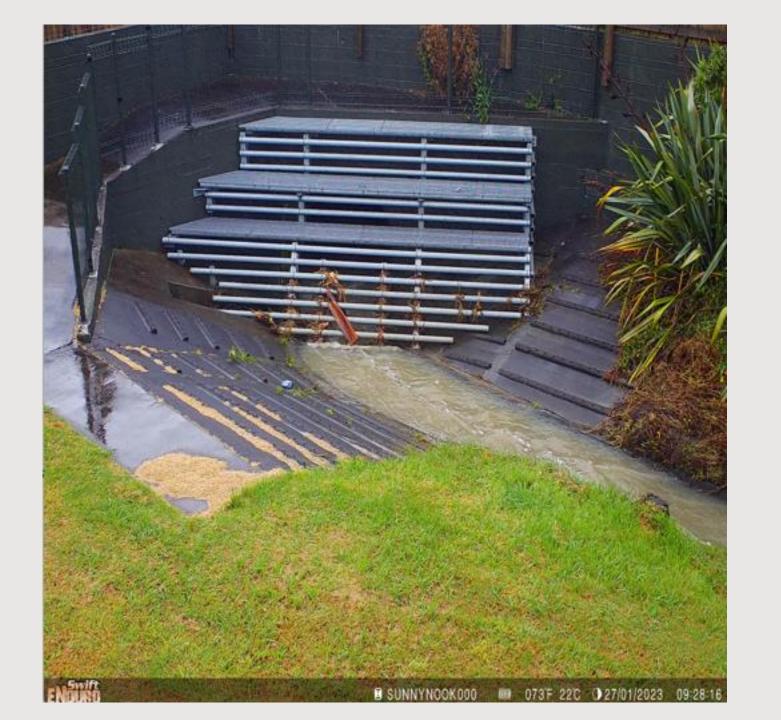




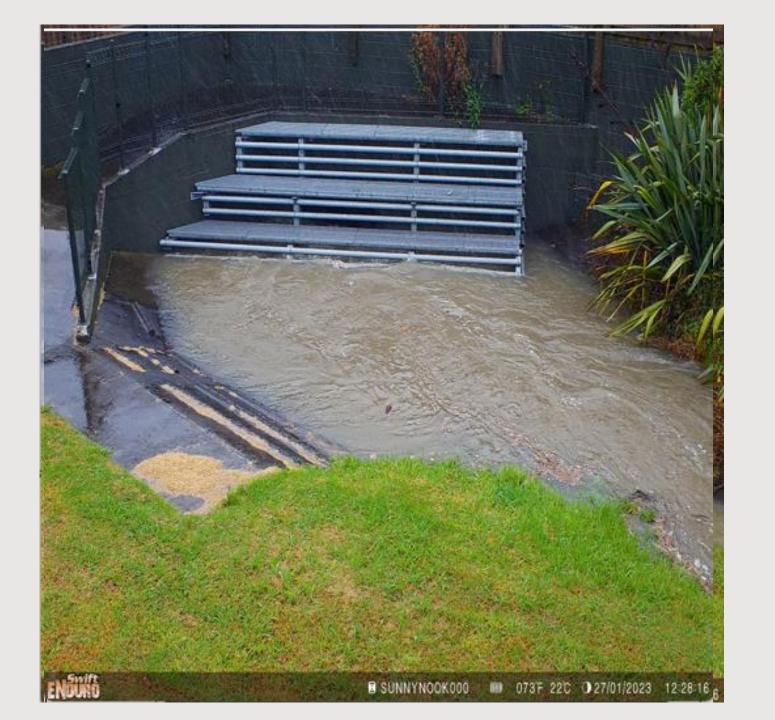
### Infrastructure performance

























## **Buy out**







## Summary





**≺** Share

Elton John concertgoer Dan Willdridge was among many who braved a bus ride back to the city as the roads got more flooded. He caught footage of t...









