MOVEMENT DATA

*How **Drowning Prevention Auckland** is implementing effective interventions to save lives.*

SWIPE

ActiveXchange

Drowning Prevention Auckland

Rock-based fishing continues to be one of New Zealand's most dangerous pastimes.

5 fishers lost their lives off Auckland's West Coast in 2005, initiating the implementation of the West Coast Rock-based Fishing Project.

Additionally, rivers continue to be one of the riskiest environments for drowning in New Zealand.

From 2016-2020 **more than 25%** of all preventable drowning occurred in rivers (WSNZ, 2021).

ActiveXchange
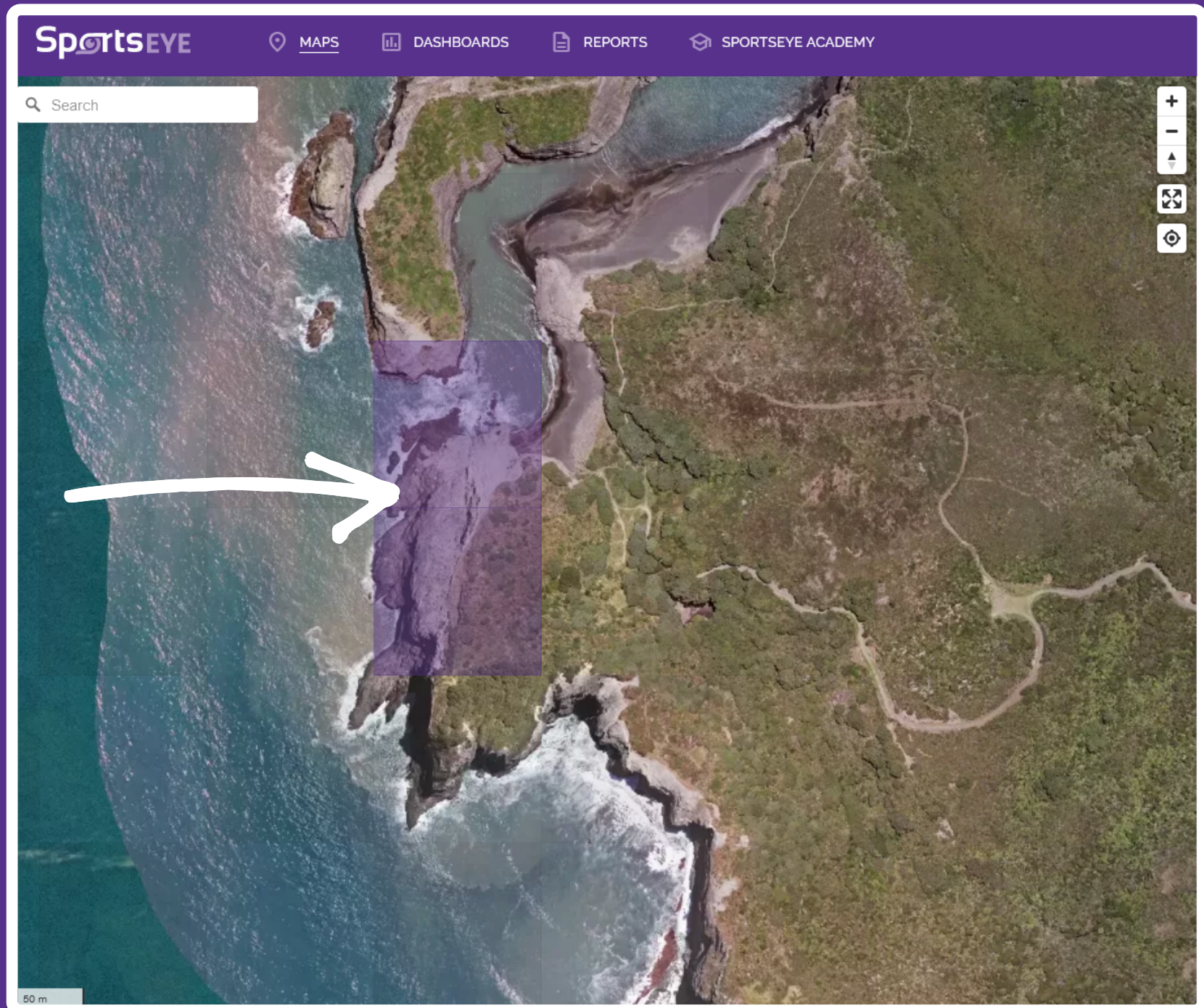
Drowning Prevention Auckland

Drowning Prevention Auckland is using our Movement Data Module to ensure they can continue to provide **targeted education** across a number of months & time periods for the most dangerous fishing spots, and most popular swimming locations.
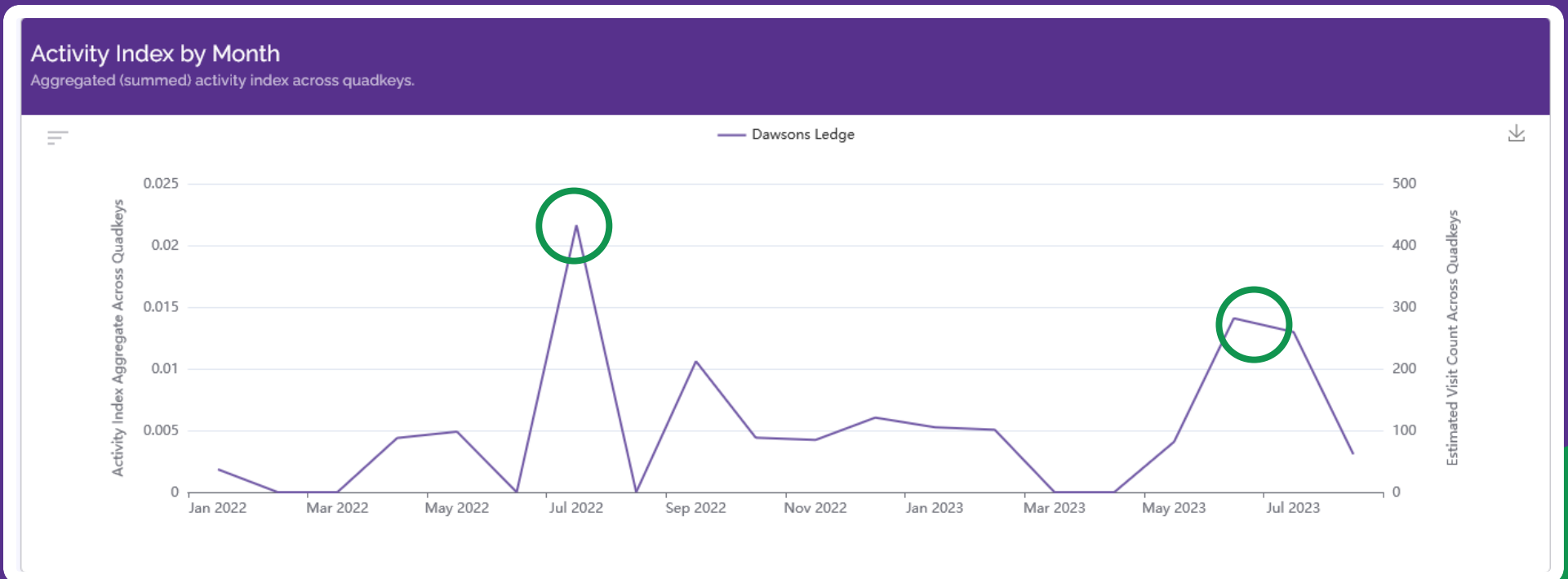
What has Drowning Prevention Auckland learned using the Movement Data Module?
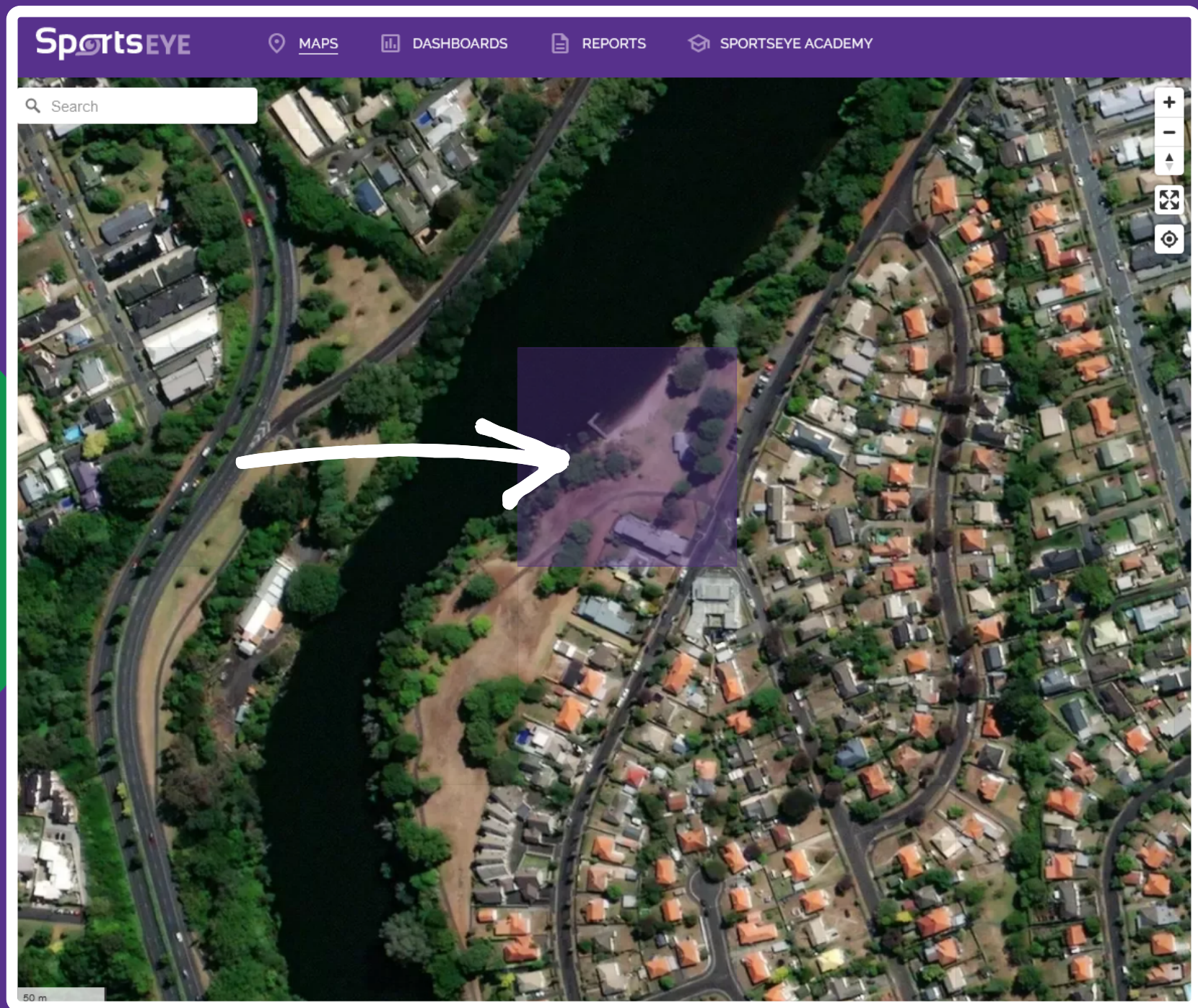
Dawson's Ledge

Rock-based fishing

Monthly peaks in July & August

Activity Index by Month
Aggregated (summed) activity index across quadkeys.

Hourly peaks at 10am, 1pm and 5pm

Activity Index by Hour of Day
Aggregated (summed) activity index across quadkeys by time of day.
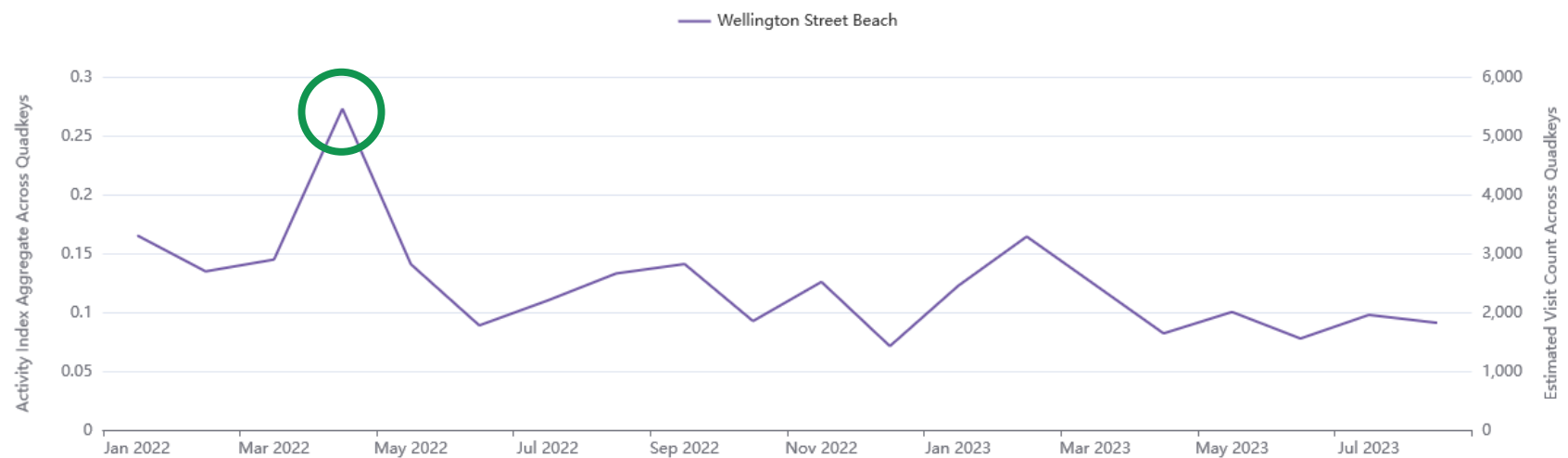
Wellington Street Beach

This data was used to cross reference Drowning Prevention Auckland's observational and behavioural study numbers and was **used to identify the need for a public rescue equipment trial**.

Activity Index by Month
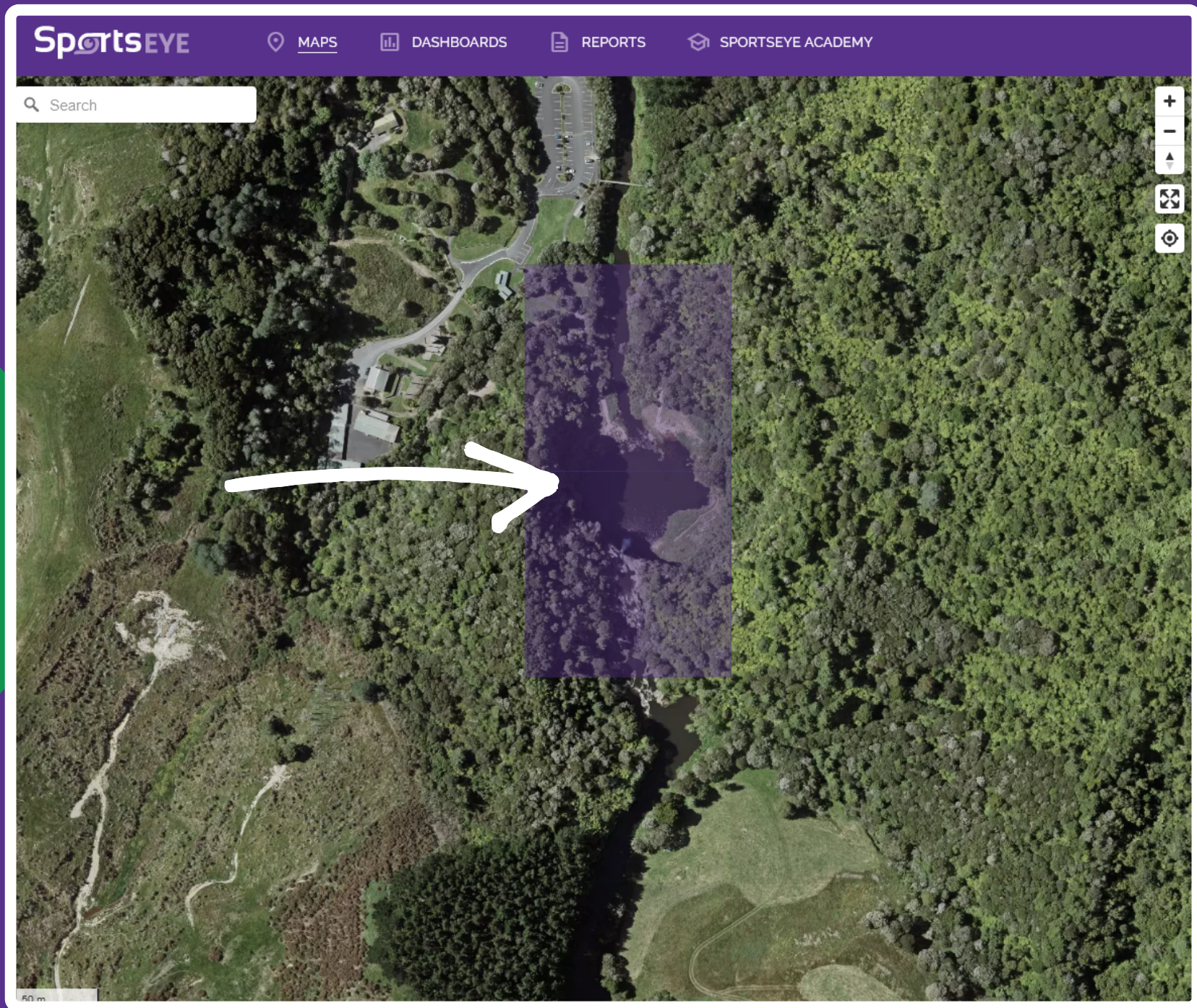Aggregated (summed) activity index across quadkeys.

— Wellington Street Beach

Activity Index by Hour of Day
Aggregated (summed) activity index across quadkeys by time of day.
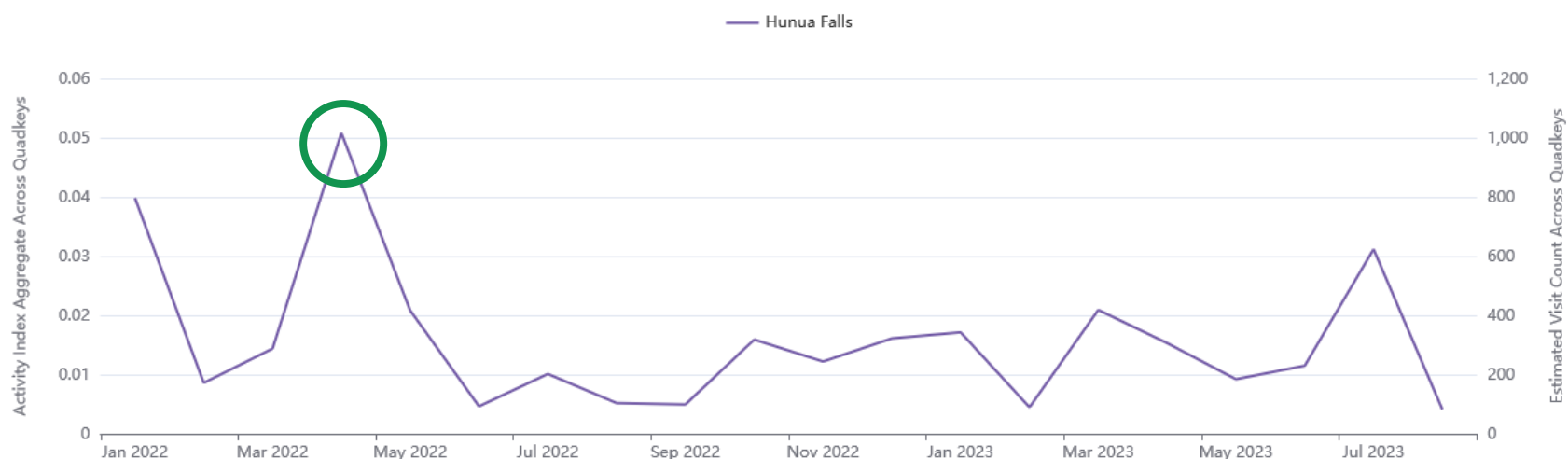
— Wellington Street Beach

Hunua Falls

This data was used to validate user numbers and times for visitation. It can be used to identify what times we need to **provide targeted information, education and advocacy** for visitors to the site
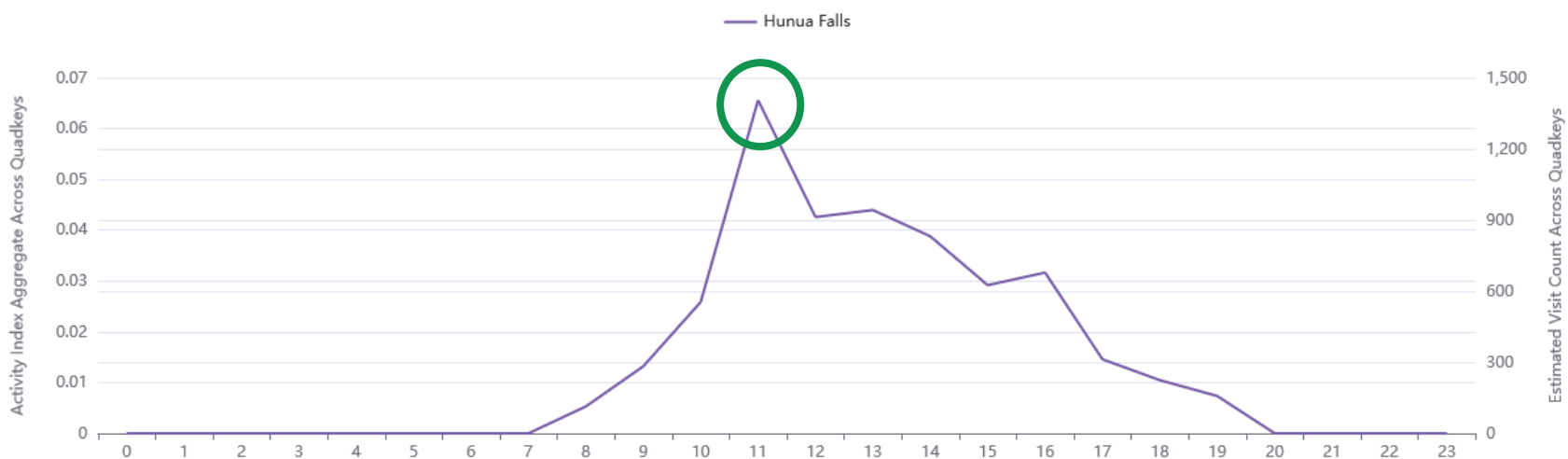

Activity Index by Month
Aggregated (summed) activity index across quadkeys.

Hunua Falls

Activity Index by Hour of Day
Aggregated (summed) activity index across quadkeys by time of day.

Hunua Falls

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Drowning Prevention Auckland

> **"**
>
> *This data validates our recommendations in terms of public rescue equipment, signage and infrastructure recommendations.*
>
> *We can use this data to implement effective interventions of education and advocacy over targeted times of high visitation at the site as opposed to guessing.*

JOSH CARMINE
Aquatic Research Educator

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GET IN TOUCH

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