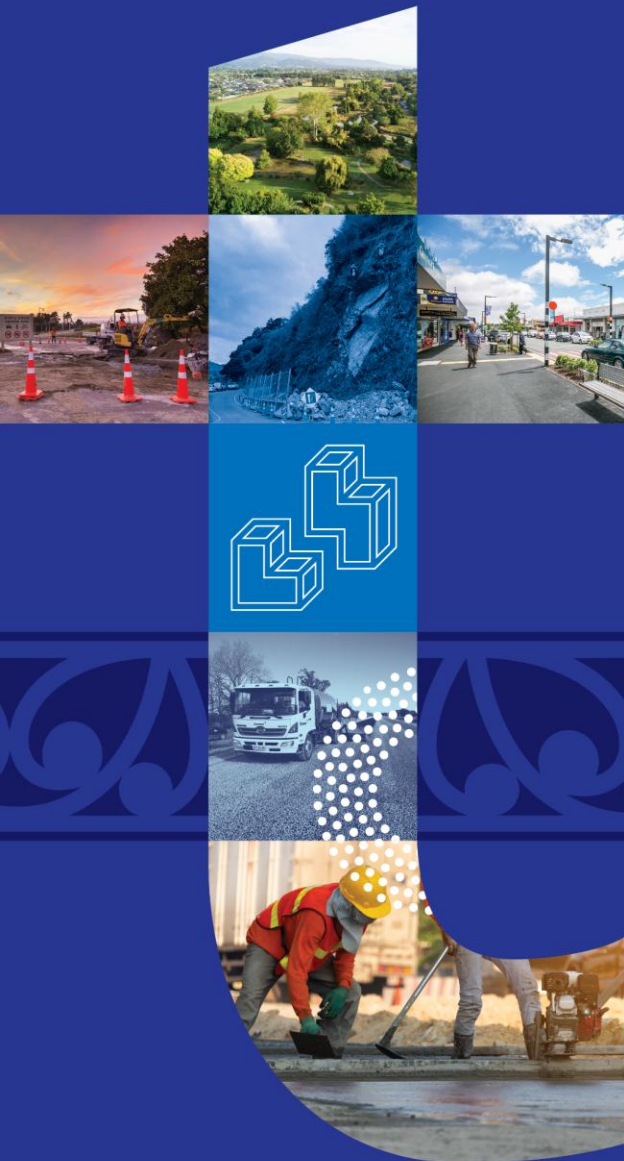


Flood risk in the Motueka Catchment

Presentation to the Motueka Catchment Collective workshop, 28 May 2026



Council's Role in Flood & Catchment Risk Management

Tasman is a Unitary Council — we cover both regional and district roles

Regional Functions

Cause & pathway: rain → catchment → rivers → sea

- Regional policy & natural hazard management
- Rainfall & river flow monitoring
- Flood modelling, mapping & risk assessment
- Soil conservation, water quantity & quality
- Flood protection infrastructure & river management
- Controls for water takes, discharges, earthworks, and works in rivers

District Functions

Managing how flooding affects towns, infrastructure & people

Direction/Resourcing

- Land use planning & building controls

Data & Information

- Local hazard information & awareness
- Stormwater systems & urban drainage

Action

- Infrastructure & asset management
- Community response & recovery

- Civil defence

Thriving resilient 

Online resources to better understand flood hazard

Environmental Data Portal

The Tasman District Council Environmental Data Portal provides access to a range of current and historical environmental data.

Water Resources

River Flow Data

A link to access recent river flow and river level data at monitoring sites across Tasman and Nelson.

Hourly River Flow Table

A link to access the hourly river flow table showing recent averaged hourly flows.

Flood Summary Report

A reporting summarising recent flow and rainfall data for four river catchments in Tasman.

Low Flow Summary Report

A report for use during low flow conditions at locations across Tasman.

Waimea Dam Data summary

A report summarising monitoring data for the Waimea Community Dam.

Wai-iti Dam Data summary

A report summarising monitoring data for the Wai-iti Community Dam.

Rainfall

Rainfall Site Pages

A link to access the rainfall site pages showing recent rainfall data - 7 and 30 day graphs.

Hourly Rainfall Table

A link to access hourly rainfall data table showing recent rainfall data for all sites.

Long Term Rainfall Data summary

A report with graphs and tables of historic and current rainfall data for Tasman and Nelson districts.

Top of the South Rainfall Data

A map showing data for sites from Tasman, Nelson, Marlborough and West Coast rainfall sites.

Rainfall Animation Map

A map showing hourly data for sites from Tasman, Nelson & Marlborough rainfall sites, for the past 2 days.

Environmental Map Viewer

Visit TDC GeoHUB for our GIS layers

Natural Hazards
Freshwater Farm Plans

Coastal Hazards
Rivers and Rainfall Flooding
Earthquake Faults
Seismic Liquefaction
Slope Instability
Tsunami Evacuation Zones
All Hazards

Find address or place

Flood Model Filter

Model Location is: Upper Motueka

Flood Scenario is: 100 Year ARI

Scenario Description is: Climate Change

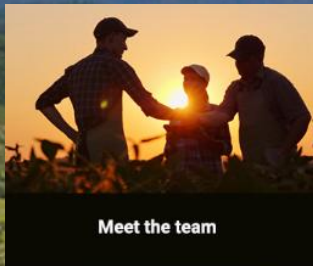
Council is currently testing a flood level alert system where people can sign-up to receive alerts – watch this space!

More details in your info pack!

<http://www.tasman.govt.nz/natural-hazards-map-viewer>
<https://www.tasman.govt.nz/environmental-data-portal>

Tasman Rural Hub

Supporting farm success and freshwater health through good land management practices.



Nau Mai Harere Mai -
welcome to the Rural Hub.
This is the place for
everything rural.

More information →

Currently being updated to
include catchment and
resilience planning
information

<https://www.tasman.govt.nz/my-region/tasman-rural-hub-2>

Thriving resilient 