

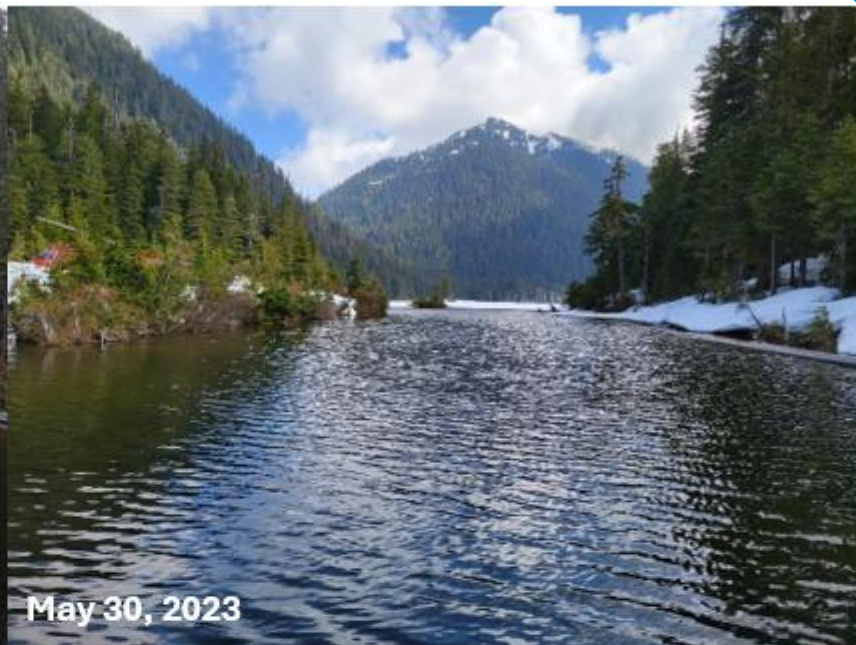
Water Supply Update

Committee of the Whole
June 13, 2024

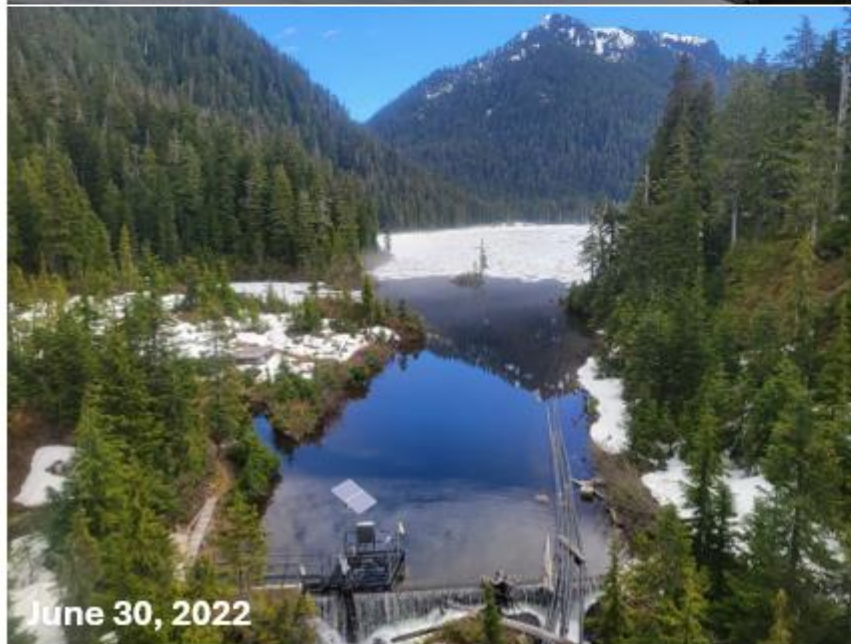




May 29, 2024



May 30, 2023

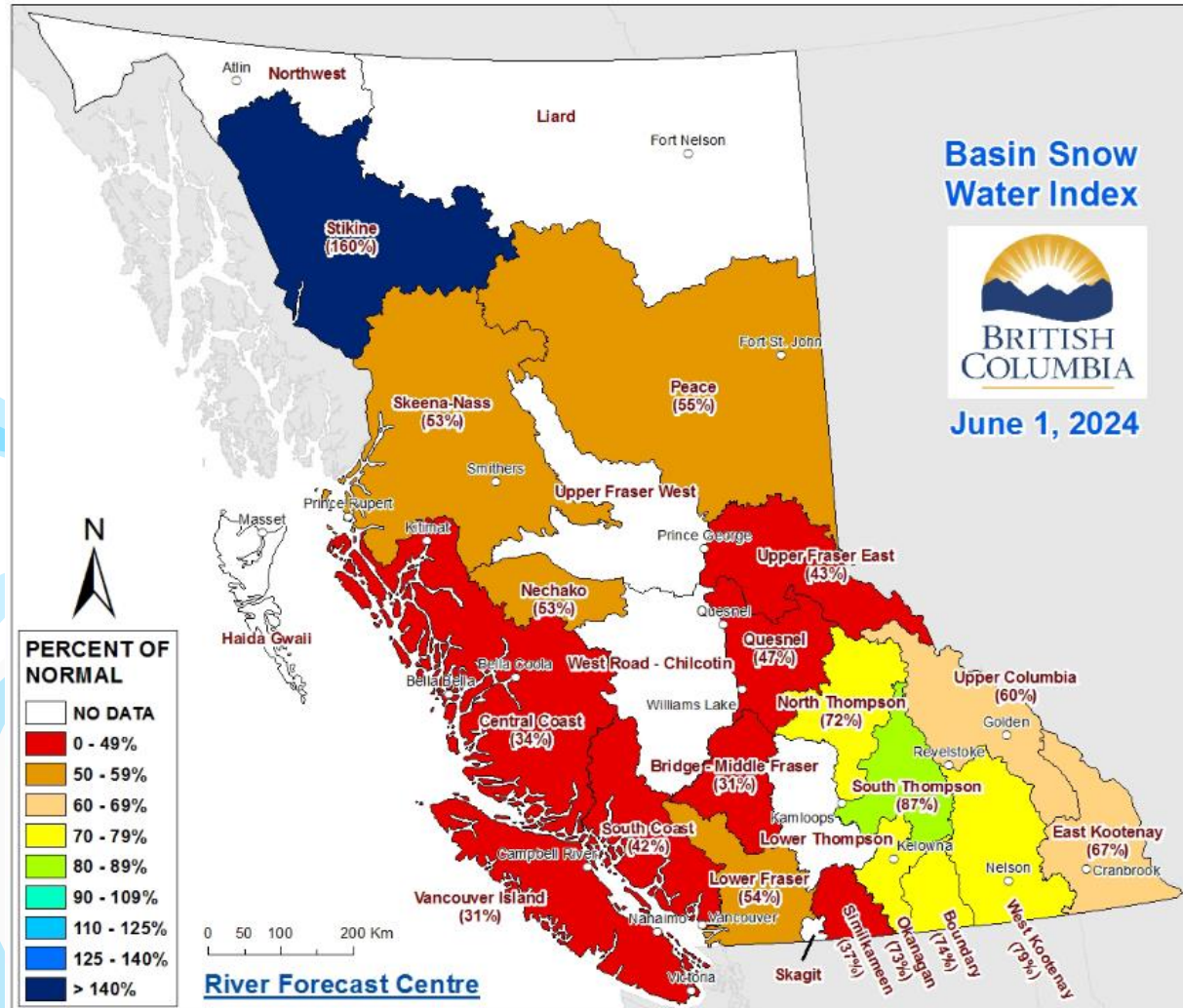


June 30, 2022

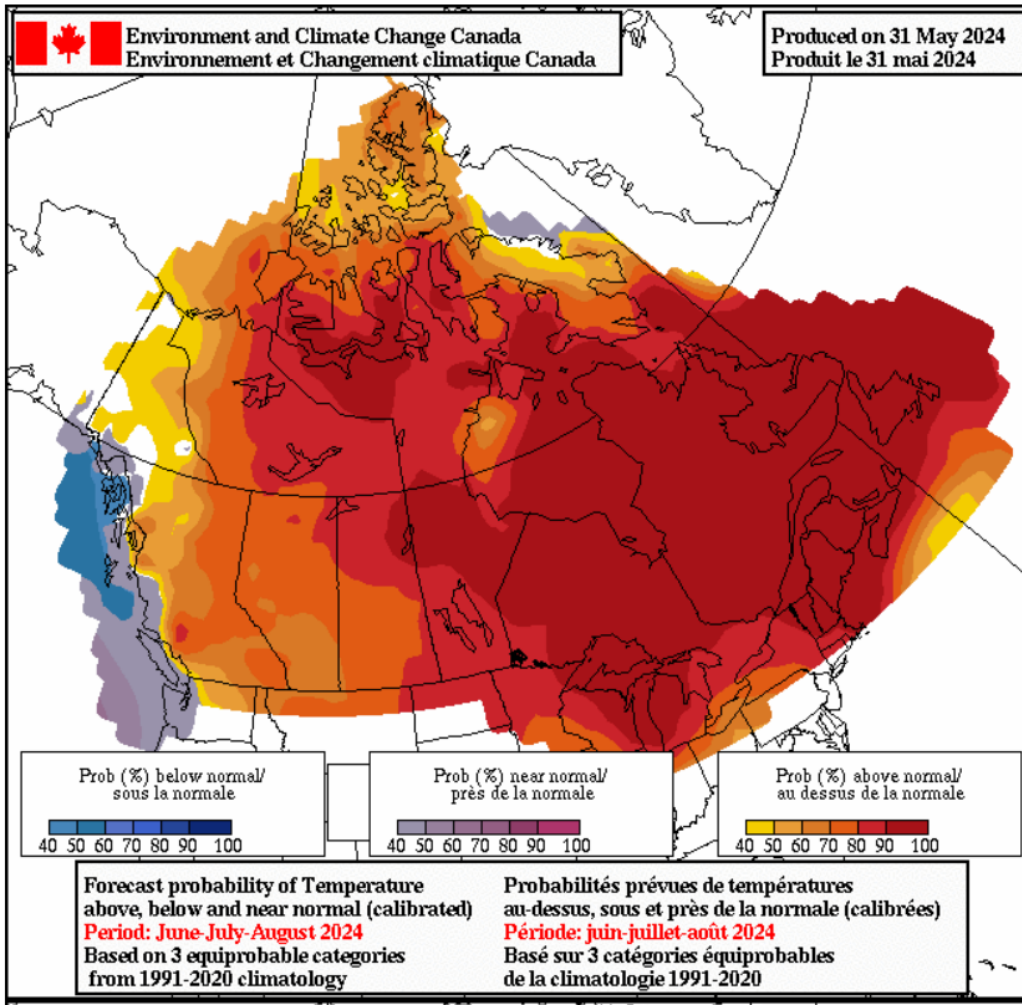
Chapman Lake May 29, 2024



Snowpacks in BC



Temperature Forecast June-August



Risk for extreme warm weather might be low to moderate

It's all about the rain!

Water Supply Outlook

- All systems on Stage 1 as of May 1
- Local temperatures have been moderate the past several weeks, limiting water demand and evaporation in the watershed.
- Some rain events in past weeks, some minor ones in the forecast.
- Chapman Lake level is dropping and will most likely trigger Stage 2 for Chapman Water System within the next couple of weeks.
- No concerns yet for other water systems.



Supply sources update - Chapman

These sources will be additionally operational in Stage 2:

- Chaster Well
- Church Road Wellfield
- Gray Creek

Received confirmation from the Nation in support of applications to the Province for continued siphon use until fall 2025.

Ongoing engagement with Nation on agreement for optimization of Environmental Flow Needs. This is required before an application can be submitted to the Province.



Communications

Building on the successes of last year:

- Get Ready for Summer campaign
- Sign-up to monthly Water Use Update - 999 subscriptions!!!
- Rainwater Harvesting Rebate funds almost entirely subscribed!

Get Ready for Summer



The climate is changing...and so can we.

The Province of British Columbia is in a drought - we've all heard it, the "New Normal." Many communities across the province are struggling with water shortages. This year, low snowpacks and forecasted warm temperatures puts water supplies at risk.

Every year in the Sunshine Coast Regional District, water conservation regulations begin May 1. Reduce the summer stress on yourself and water supplies by completing water intensive home maintenance and garden projects in the spring. Your thoughtful, early actions reduce the risk to community water supplies during times of drought.



Drought conditions are expected in 2024. With less rain in the summer, watersheds on the Sunshine Coast become very dry, putting drinking water supplies at risk. We've all gained valuable experience over the past few years in adapting to drought. This summer, plan ahead and be prepared.



Take only what you need and use everything you take. Prioritize summer water use by needs, not wants. Only using water in the summer for essential needs extends our supply. How you choose to use water effects everyone.



Focus on what you can do. Take action in your household to improve water efficiency. Water resources are shared. By respecting the water we have, everyone benefits. With world class water from pristine aquifers and beautiful lakes, let's be grateful for every drop.

Knowing how much water you use is the first step to efficiency.

Get curious about your household's water use. How much does your usage change by the season?

Receive your personal monthly water use by email. No water meter yet? Use the graph on the right to estimate how much you might be using.

Visit [scr.d.ca/water-use](https://www.scrd.ca/water-use) to sign up.

Find updates on water conservation stages in your area, current water supply levels, water conservation tips and more:

Visit [scr.d.ca/water-updates](https://www.scrd.ca/water-updates).



Leak resolution approach

- Leak resolution is a priority for staff this summer.
- Leak letter send to all owners of properties with substantial leaks every two months.
- Approach taken for all major leaks:
 - Send leak notification letter(s)
 - Staff providing support (also info on scred.ca/fix-leaks)
 - If continued as unresolved, a shut-off notice sent
 - Water is shut-off until leak has been fixed



Leak resolution results since May 1

- Established process for expedited resolution of major leaks during installation of meters in Sechelt.
- 7 shut-off notices sent, 1 large leak outstanding
 - Including 2 within Sechelt and one commercial operator
- At least 360,000 liters per day saved (2.4% of average use last weekend).
- More shut-off notices sent in the next several weeks.
- Next batch of leak letters will be sent early July based on late June meter readings.



Learn more

- For current information on water supply and Water Conservation Regulations, visit www.scrd.ca/water-updates
- Questions?

