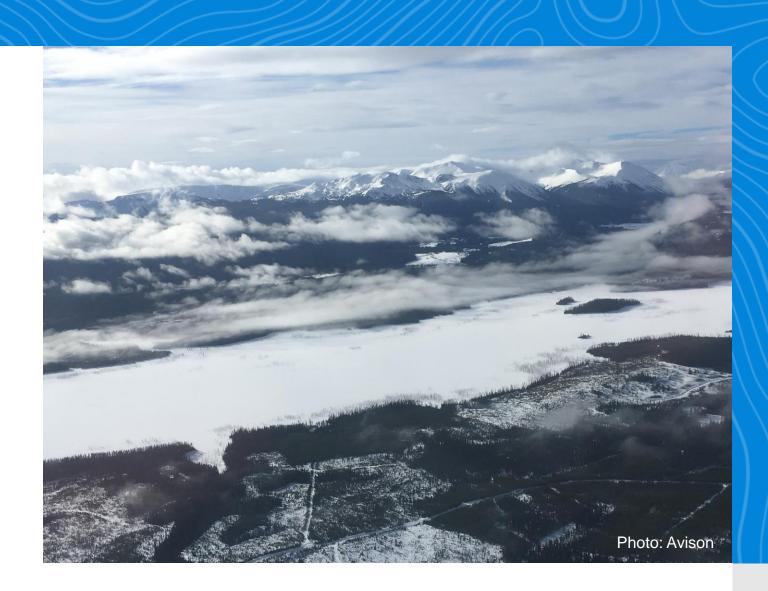
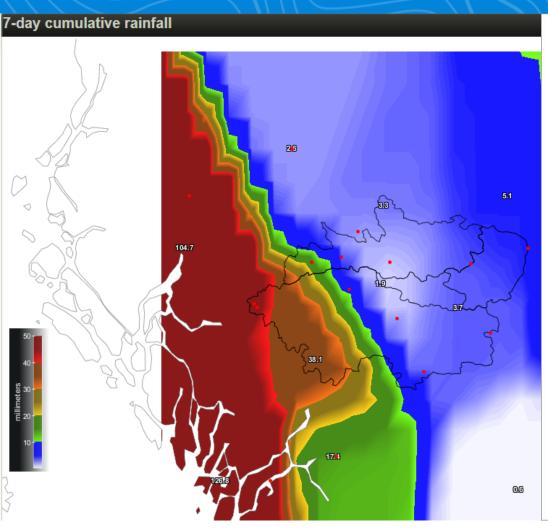


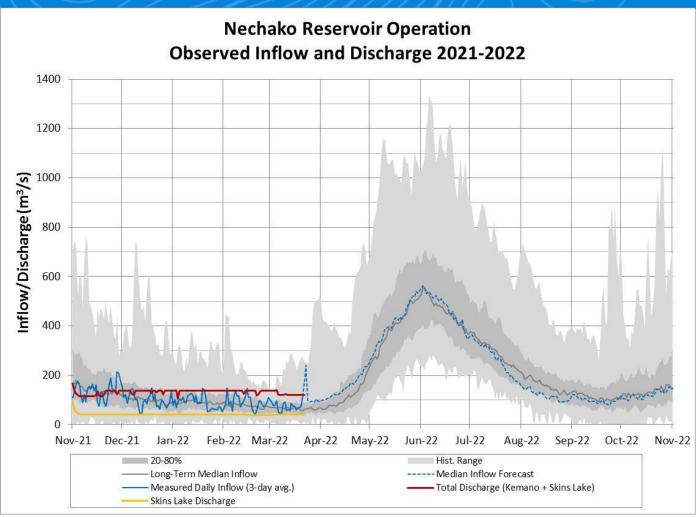
Key Focus

- 1. Current Watershed Data: Precipitation and elevation
- Freshet Forecast, looking to the spring and Next Steps

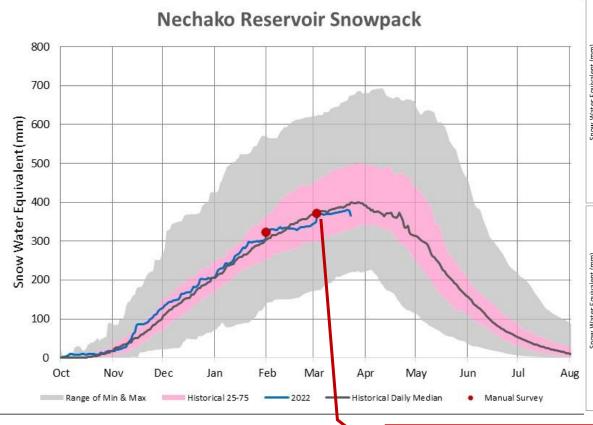


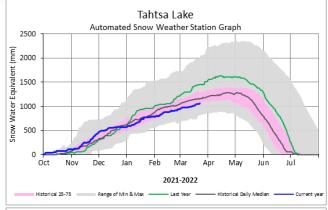
Observed Precipitation, Inflows vs Historical

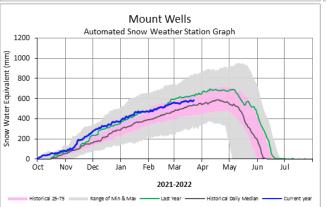




Current Snowpack







369 mm (96% LTA; 33rd/64)

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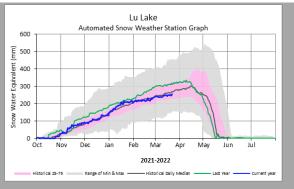
10

Mount Pondosy

Automated Snow Weather Station Graph

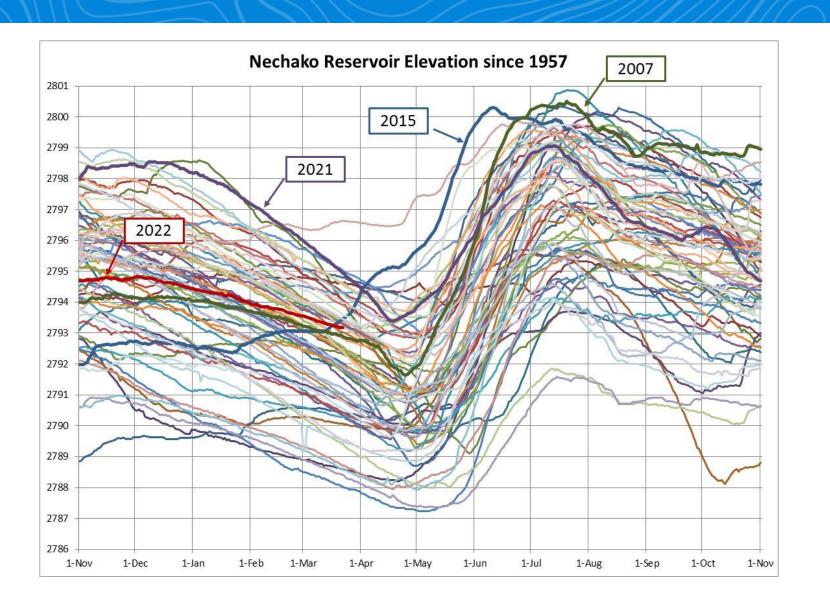
Station	Current Value (mm)	LTA* (mm)	%LTA*	Percentile Rank*
Tahtsa Lake	1061	1188	89%	25%
Mount Pondosy	692	743	93%	34%
Mount Wells	581	543	107%	58%
* (4000 0004)				

* (1992-2021)

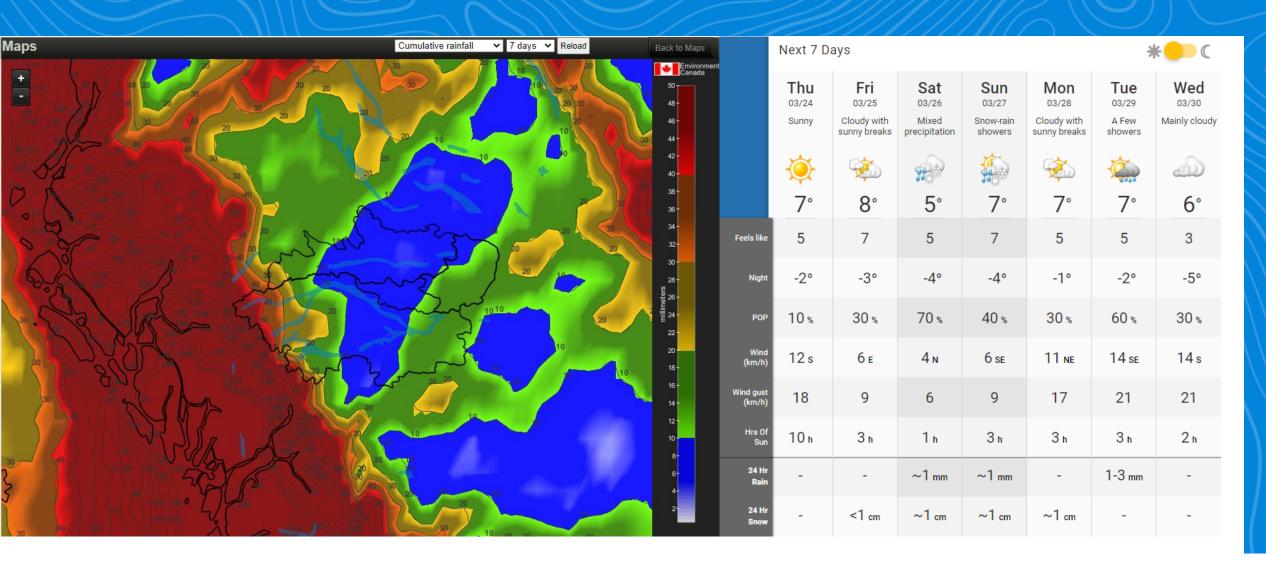


Station		Current Value	%LTA*	
	Lu Lake	254	91%	
	* (1997-2021)			

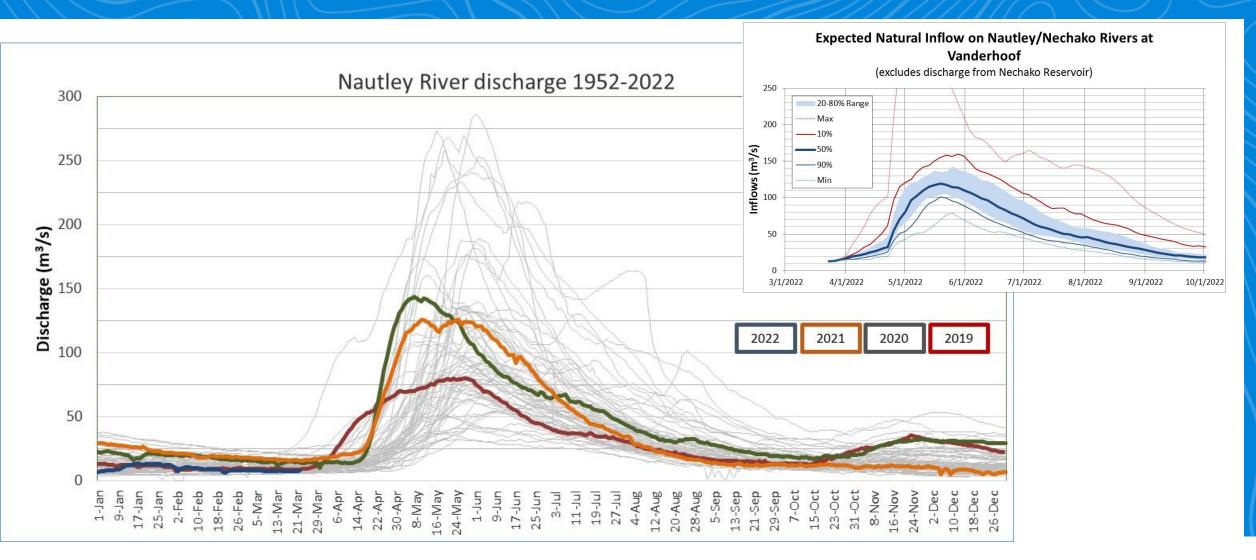
Historical Reservoir Elevation



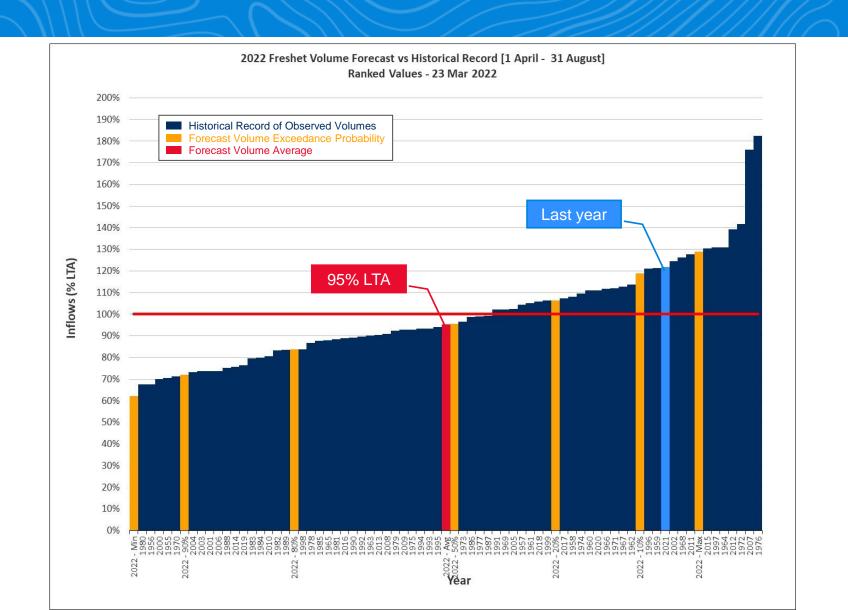
7 Day Weather Forecast



Nautley River Flows, Forecast

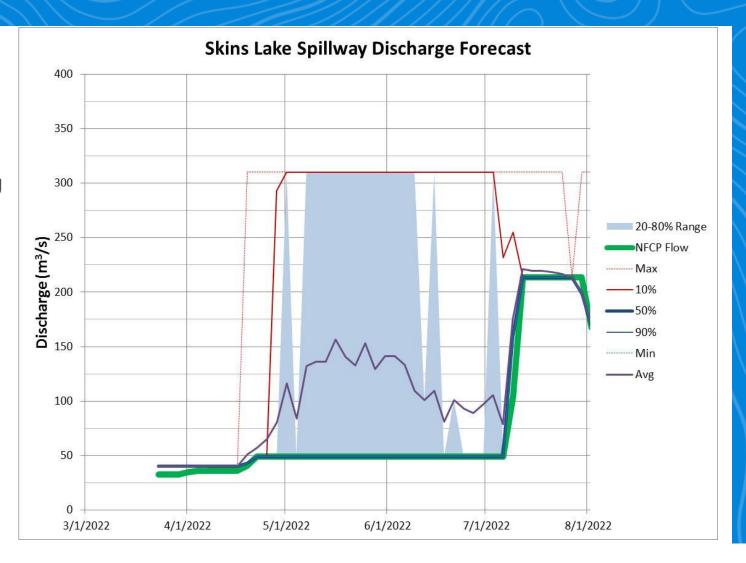


Spring Freshet Inflow Forecast

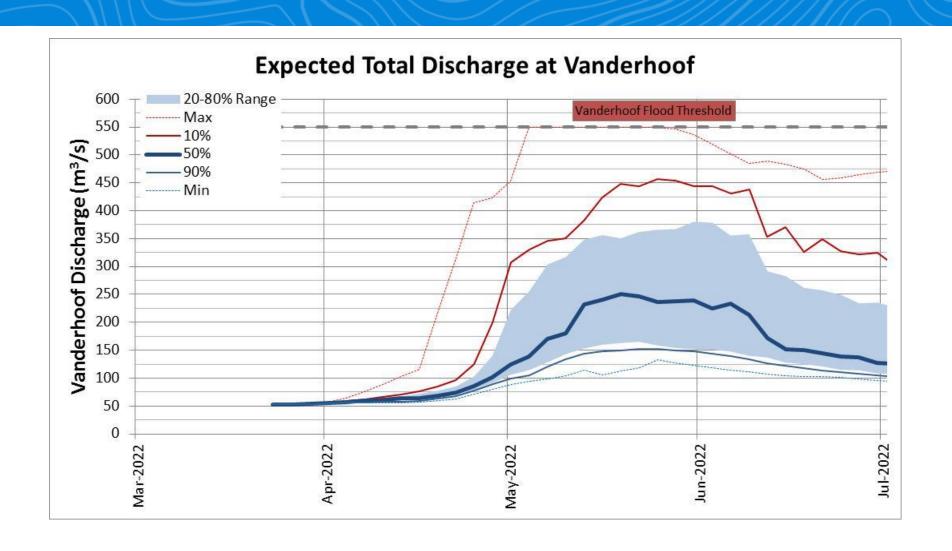


Spillway Management – Looking to Winter and Spring

- SLS discharge currently 40 m³/s, and is most likely to be maintained at 40 m³/s until spring;
- Working through the Smelter load and re-start scenarios
- Ice Jam risk and winter flow protocols collecting data as per NHC recommendation
- Spring Freshet flood risk; Murray Cheslatta System and Vanderhoof

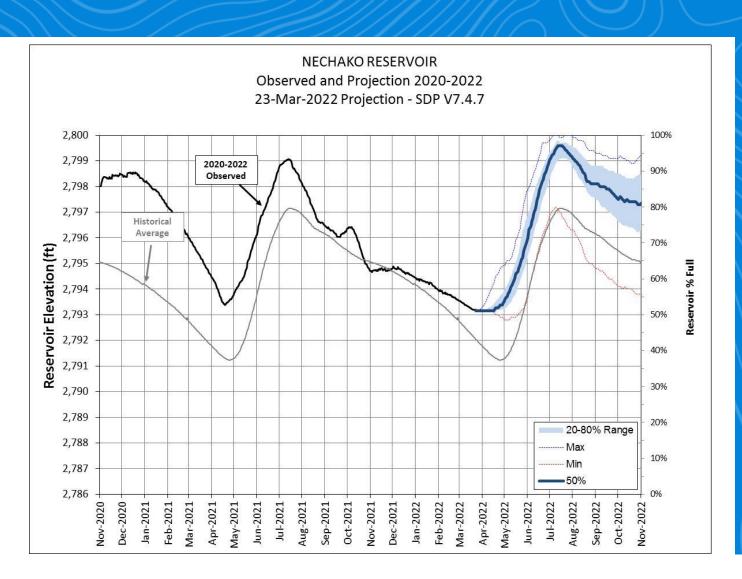


Forecast - Vanderhoof Flows

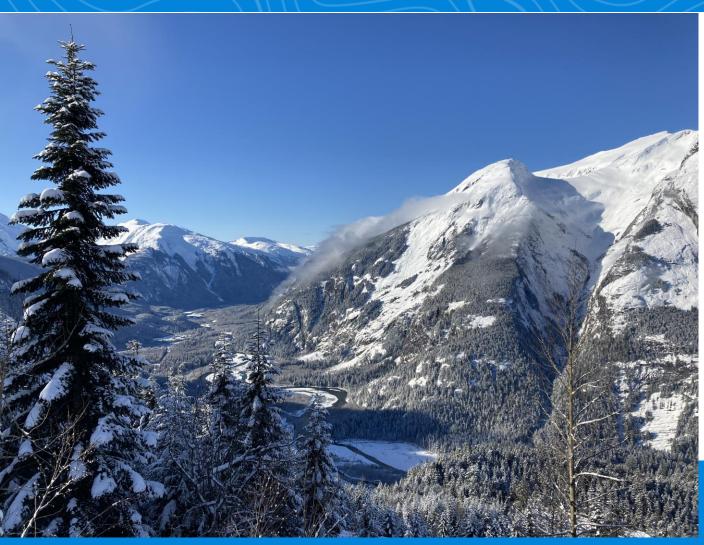


Reservoir Level Projection

 Inflow projections are used to estimate reservoir levels over time considering current hydrology and historically observed additional snow and rain.



Next Steps – Actions

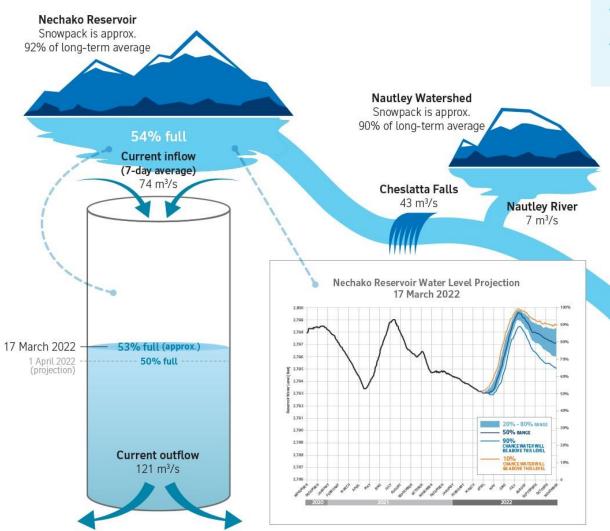


- 1. Model update and communications.
- 2. Ice Surveys Ongoing
- 3. Provide update on Re-Start & Nechako Implications In Progress
- 4. Confirm next meeting date 13 April

Presentations are available on the Get Involved Nechako website under 'Our Operations'. Recordings can be requested up to 30 days following the meeting.

RioTinto

Current Conditions - 17 March 2022



Nechako Reservoir operations update

- Skins Lake Spillway discharge is likely to be maintained around 40 m³/sec until approximately mid-April in accordance to the Nechako Fisheries Conservation Program guidelines.
- For real time information and updates visit getinvolvednechako.ca
- To subscribe to weekly updates email us at nechakoreservoirupdates@riotinto.com



Prince George 98 m³/s

Fraser River

