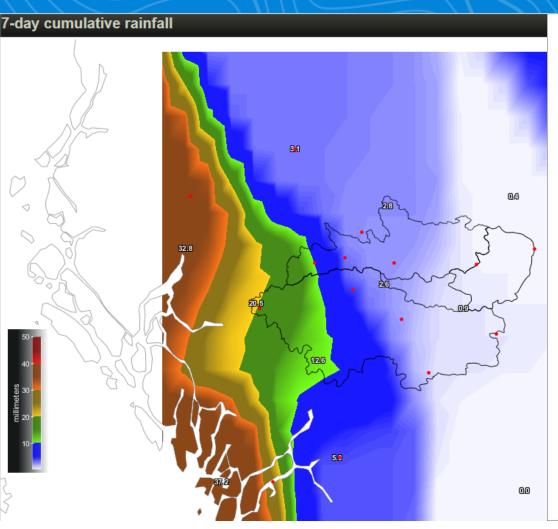


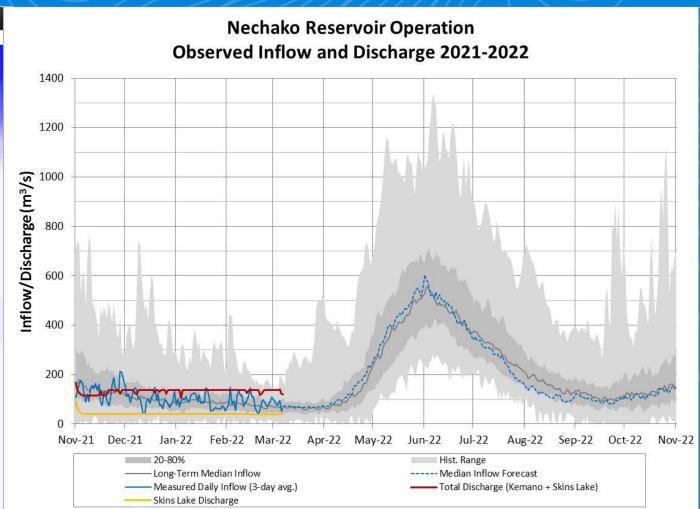
Key Focus

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

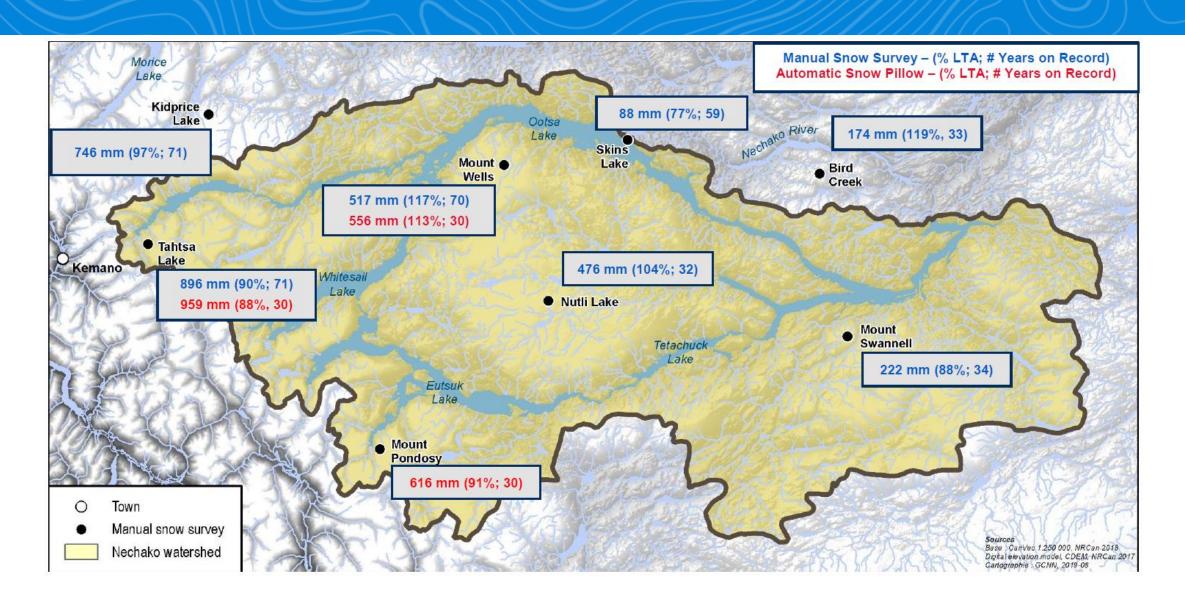


Observed Precipitation, Inflows vs Historical

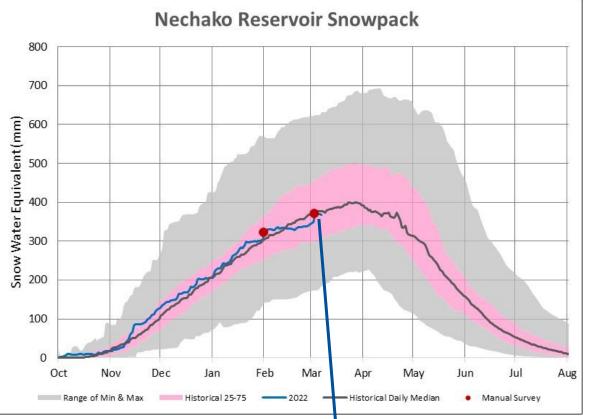


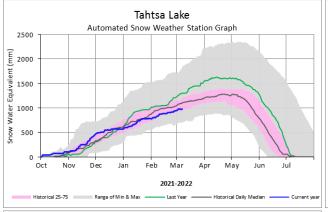


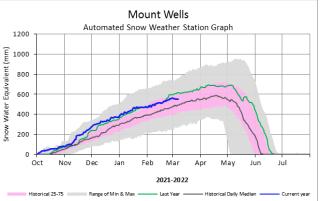
Manual Snow Survey 2-3 Mar. 2022

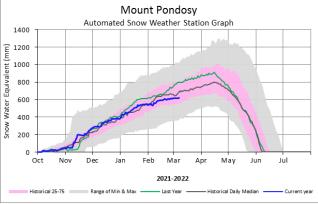


Current Snowpack



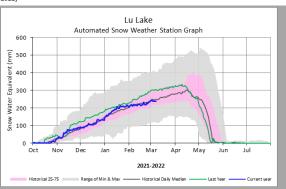






Station	Current Value (mm)	LTA* (mm)	%LTA*	Percentile Rank*
Tahtsa Lake	978	1108	88%	25%
Mount Pondosy	618	693	89%	31%
Mount Wells	550	501	110%	62%

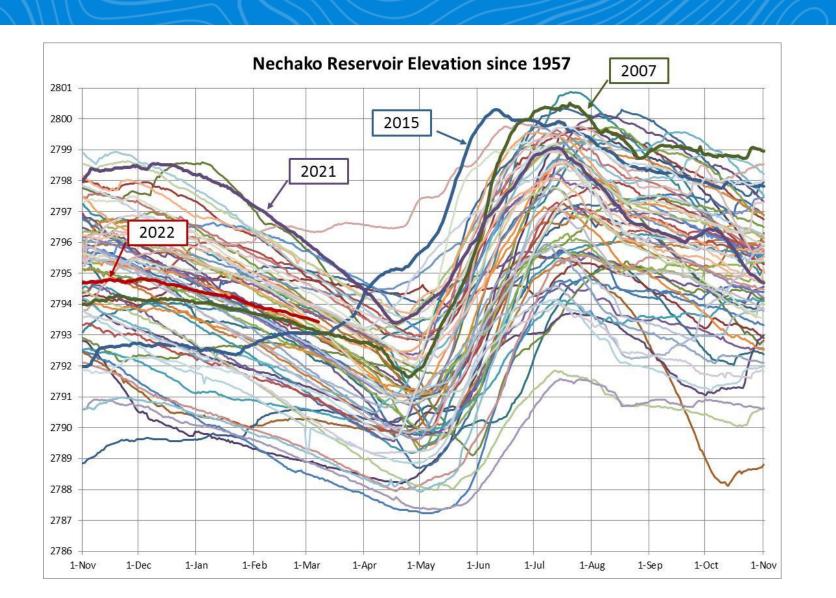
* (1992-2021)



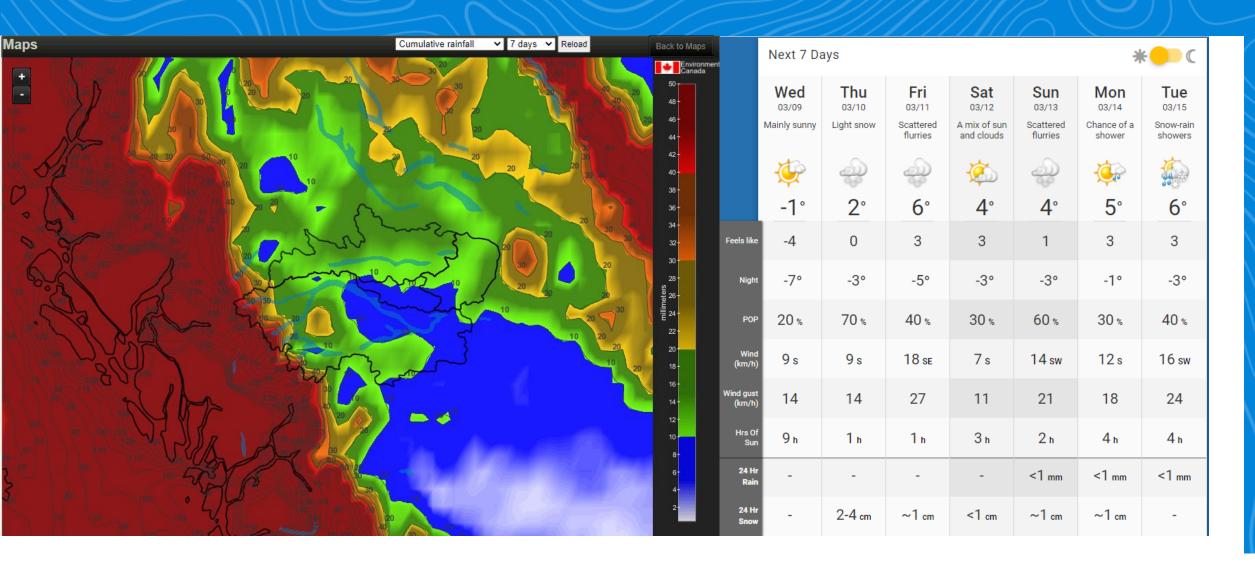
Station	Current Value	%LTA*	
Lu Lake	239	93%	
* (1997-2021)			

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

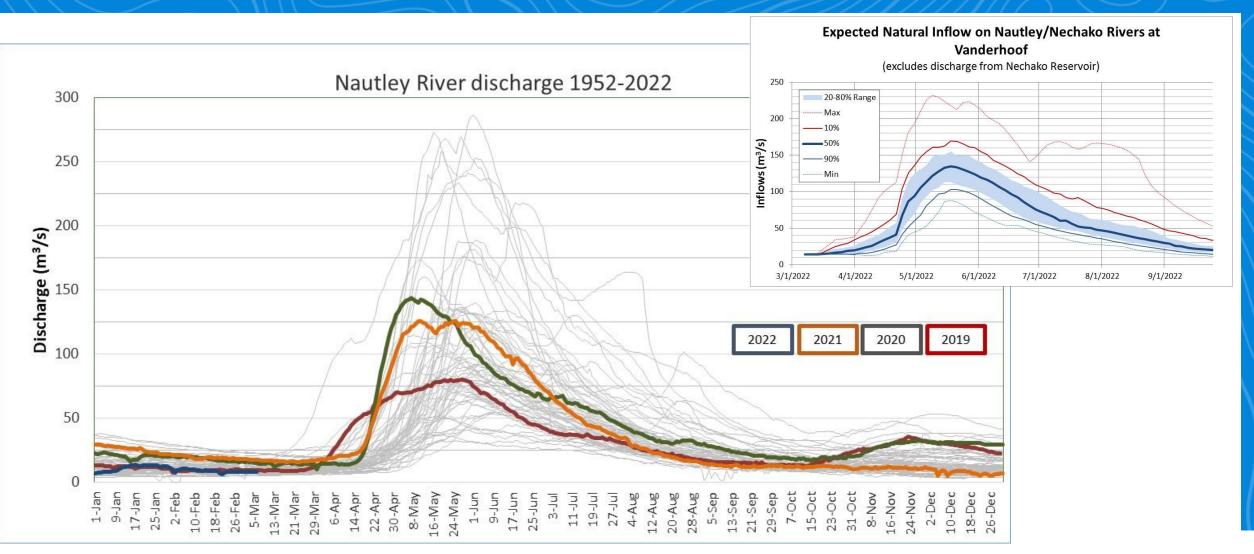
Historical Reservoir Elevation



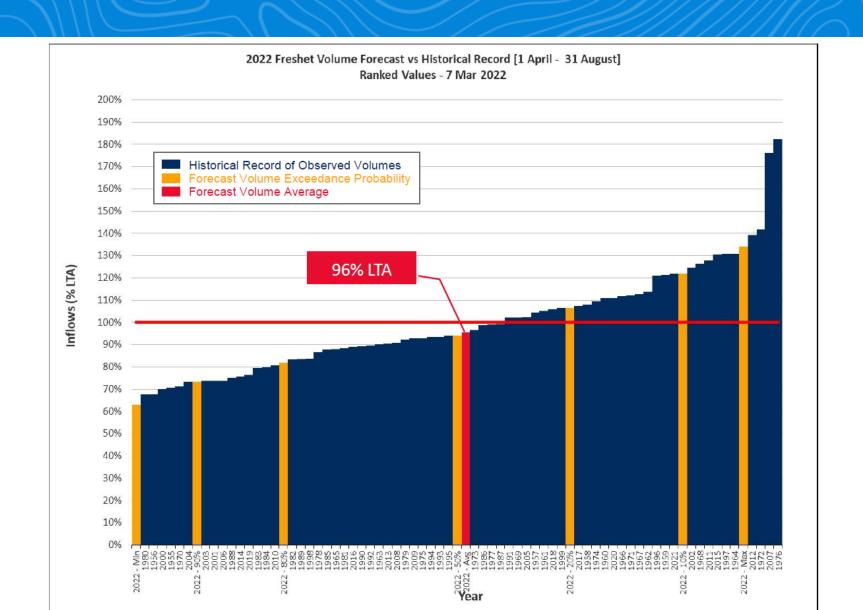
7 Day Weather Forecast



Nautley River Flows, Forecast

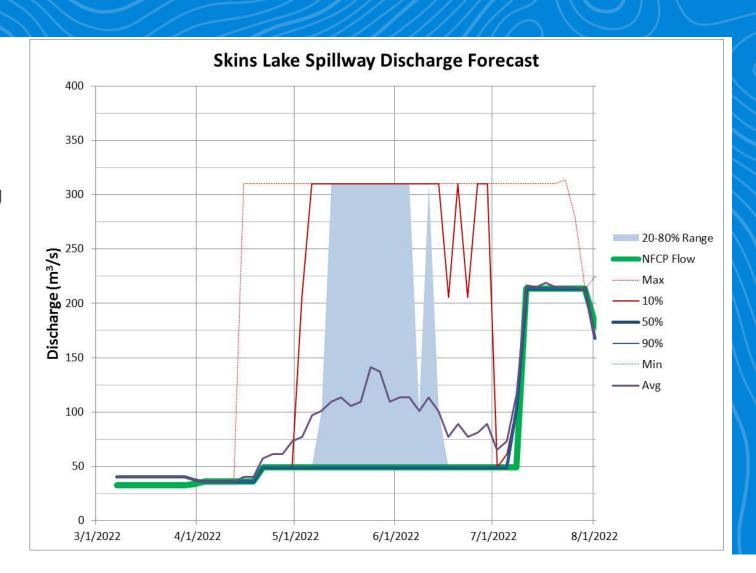


Spring Freshet Inflow Forecast

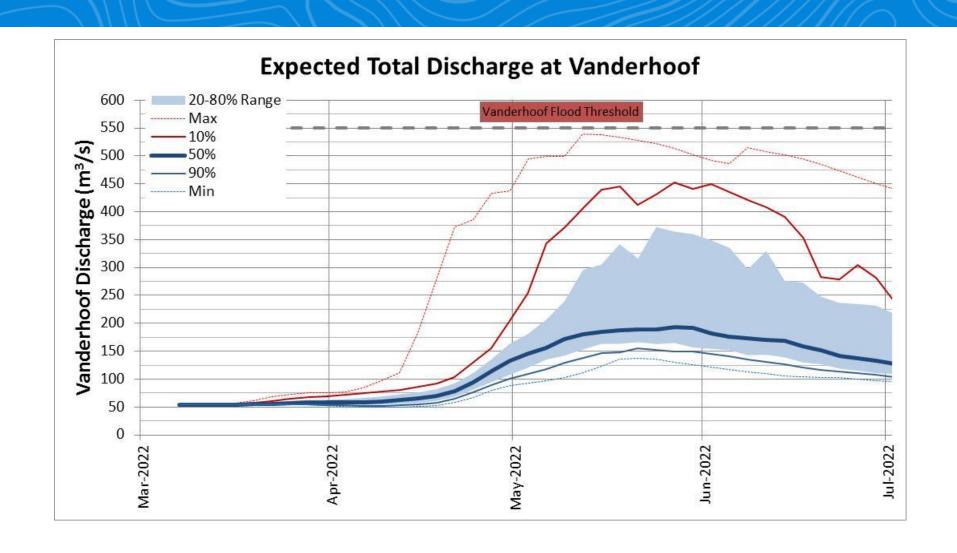


Spillway Management – Looking to Winter and Spring

- 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

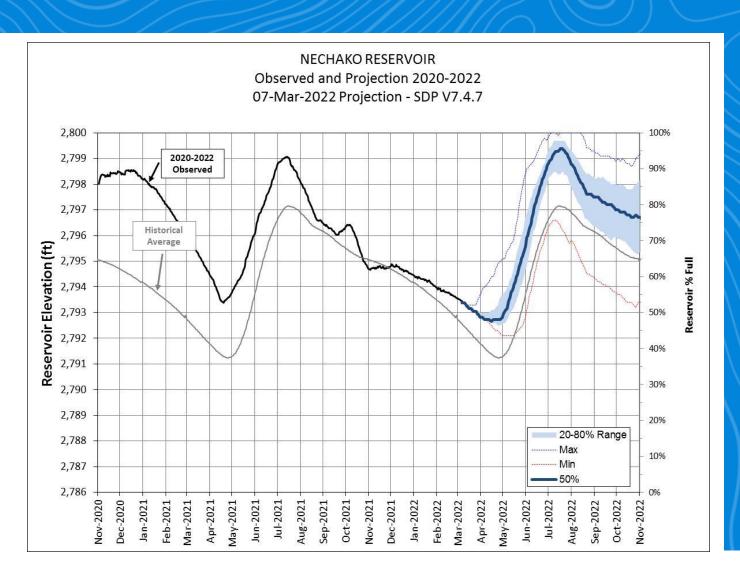


Forecast - Vanderhoof Flows



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

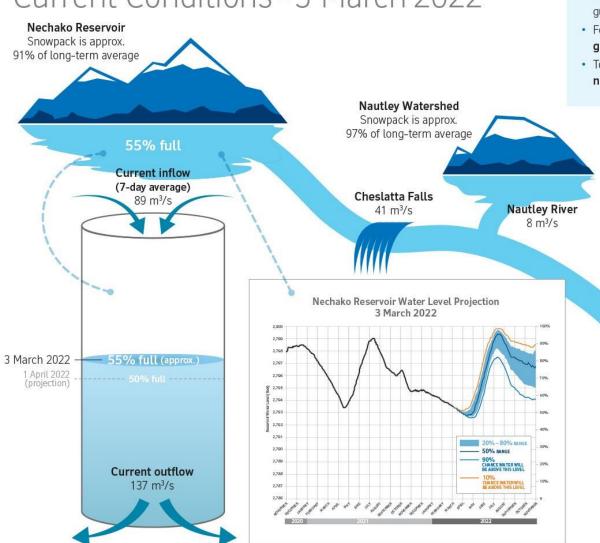


- 1. Model update and communications.
- 2. Ice Surveys Ongoing
- 3. Provide update on Re-Start & Nechako Implications In Progress
- 4. Confirm next meeting date 23 March

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 - 3 March 2022



Nechako Reservoir operations update

- Skins Lake Spillway discharge is likely to be maintained at approximately 40 m³/sec for the duration of the winter 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



Stuart River 40 m³/s

> Prince George 99 m³/s

Fraser River

Vanderhoof

53 m³/s

