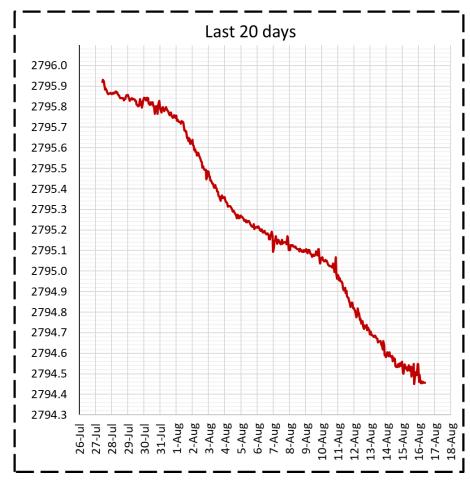
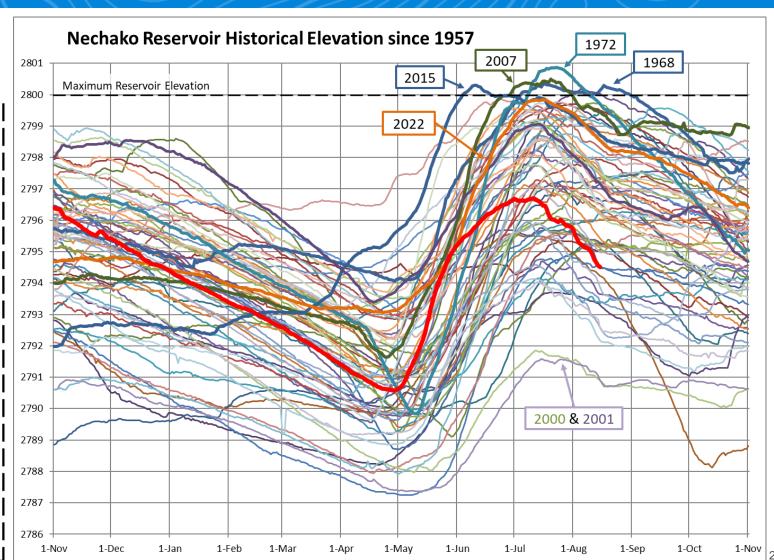


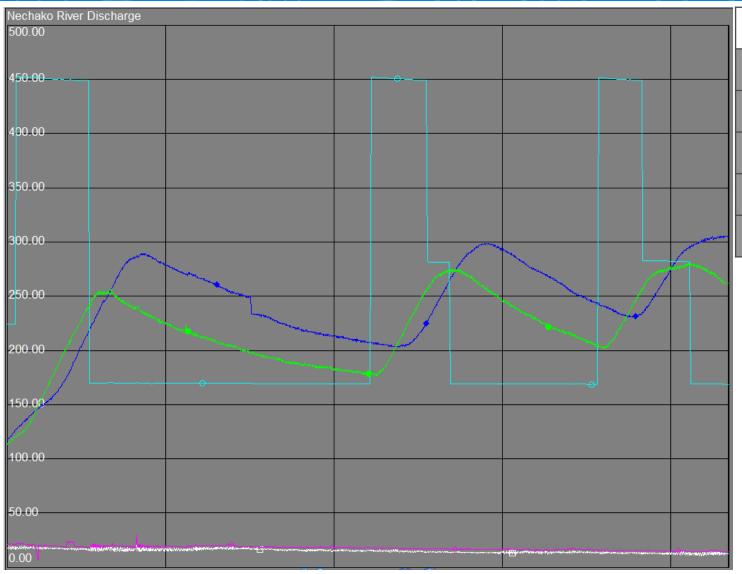
### Reservoir Elevation - Last 20 days

Current reservoir level **2794.46 ft** 





# Flows - Last 30 days

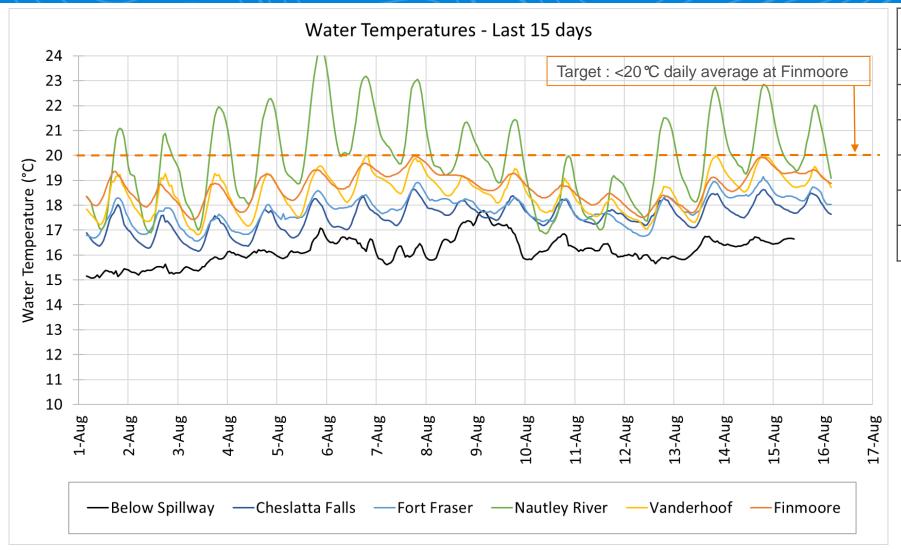


| Current values (m³/s) |     |  |  |  |  |  |
|-----------------------|-----|--|--|--|--|--|
| Vanderhoof            | 305 |  |  |  |  |  |
| Skins Lake            | 169 |  |  |  |  |  |
| Cheslatta Falls       | 262 |  |  |  |  |  |
| Nautley               | 15  |  |  |  |  |  |
| Stellako              | 12  |  |  |  |  |  |

# Observed Water Temperatures – Spring 2023

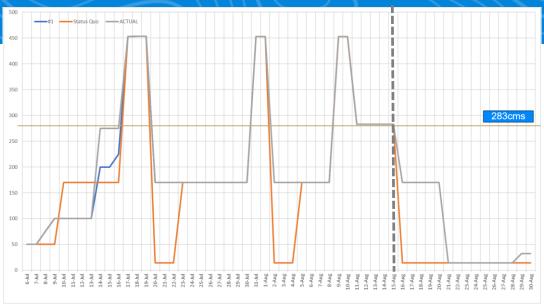


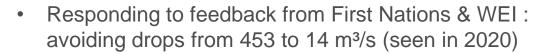
### Observed Water Temperatures – Last 15 days



| Average – Last 24h (°C) |      |  |  |  |  |  |  |  |
|-------------------------|------|--|--|--|--|--|--|--|
| Below spillway          | N/A  |  |  |  |  |  |  |  |
| Cheslatta Falls         | 18.0 |  |  |  |  |  |  |  |
| Fort Fraser             | 18.3 |  |  |  |  |  |  |  |
| Nautley River           | 20.3 |  |  |  |  |  |  |  |
| Vanderhoof              | 19.0 |  |  |  |  |  |  |  |
| Finmoore                | 19.2 |  |  |  |  |  |  |  |

### Skins Lake Spillway Release - Forecast

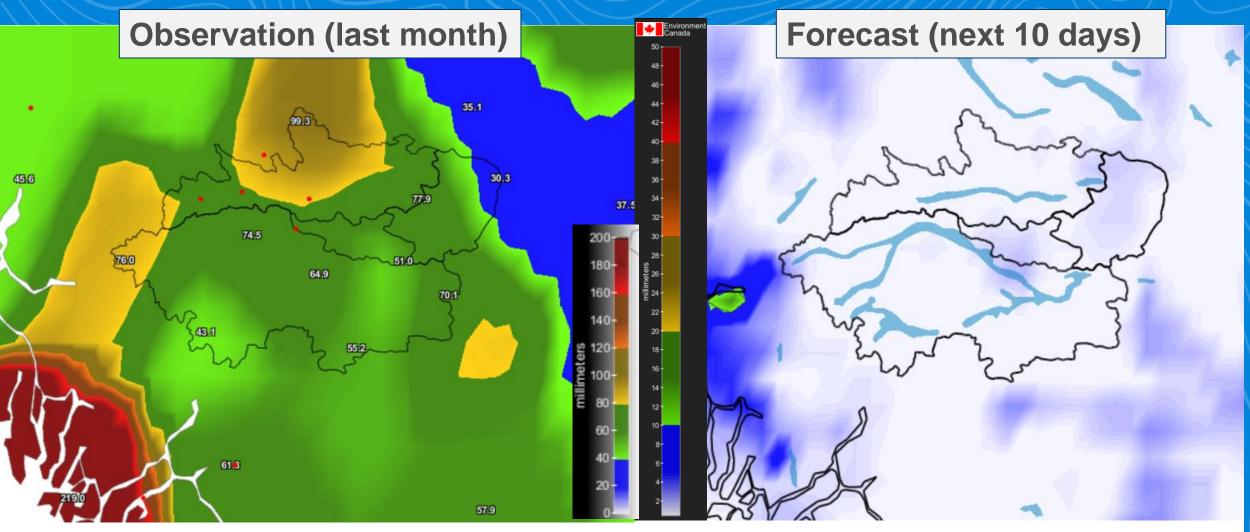




- Current release = 169 m³/s
- Expected next gate change:
   August 21st @ 10am = 14 m³/s
   Annual maintenance work



### Past & Future cumulative precipitation



Nechako Reservoir watershed area-average = ~78 mm

Nechako Reservoir watershed area-average = 0-20 mm

### **Weather Forecast**

### **Marilla Weather**

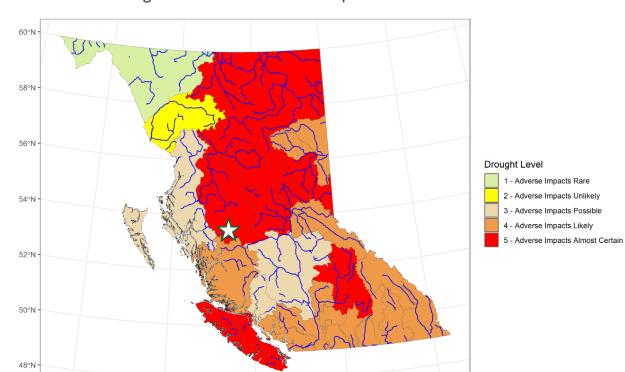
|       | Thu<br>08/17 | Fri<br>08/18 | Sat<br>08/19 | Sun<br>08/20 | Mon<br>08/21 | Tue<br>08/22 | Wed<br>08/23 | Thu<br>08/24 | Fri<br>08/25 | Sat<br>08/26 | Sun<br>08/27 | Mon<br>08/28 | Tue<br>08/29 | Wed<br>08/30 |
|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Day   | 22°          | 18°          | 22°          | 23°          | 22°          | 21°          | 22°          | 23°          | 25°          | 22°          | 24°          | 23°          | 23°          | 24°          |
| POP   | 20 %         | 20 %         | 10 %         | 20 %         | 40 %         | 20 %         | 20 %         | 20 %         | 20 %         | 30 %         | 10 %         | 10 %         | 10 %         | 10 %         |
|       |              | C.           |              | <b>E</b>     |              | <b>(</b>     |              | C.           | வி           | Win or       |              |              |              | Web          |
| Night | 6°           | 6°           | 11°          | 13°          | 12°          | 11°          | 12°          | 13°          | 13°          | 12°          | 12°          | 12°          | 12°          | 13°          |
| POP   | 20 %         | 10 %         | 20 %         | 20 %         | 20 %         | 40 %         | 20 %         | 20 %         | 30 %         | 30 %         | 10 %         | 10 %         | 10 %         | 30 %         |



### **Provincial Advisories - Drought**

115°W

Last updated : Aug. 14th
Drought Level 5 : Adverse Impacts Almost Certain



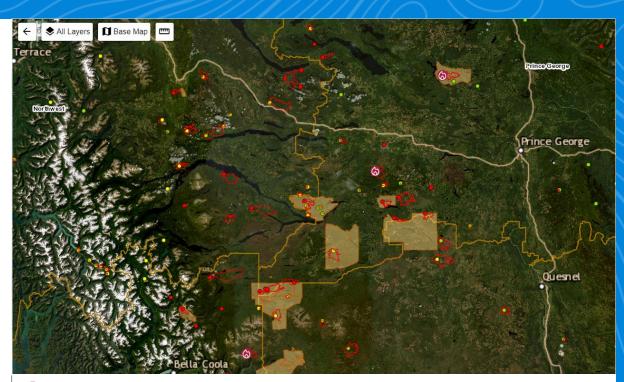
120°W

Source: British Columbia Drought Information Portal Water Management Branch – Ministry of Forests

125°W

135°W

130°W



#### (S) Wildfire of Note

A wildfire that is highly visible or poses a potential threat to public safety.

#### Out of Control

A wildfire that is continuing to spread and is not responding to suppression efforts.

#### Being Held

A wildfire that is not likely to spread beyond predetermined boundaries under current conditions.

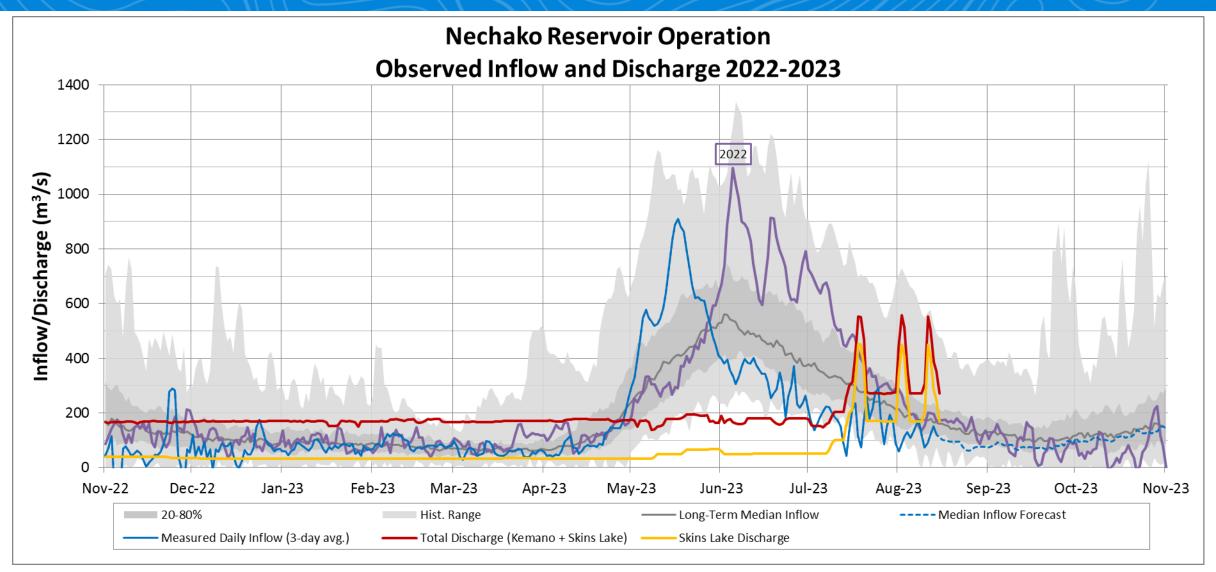
#### Under Control

A wildfire that will not spread any further due to suppression efforts.

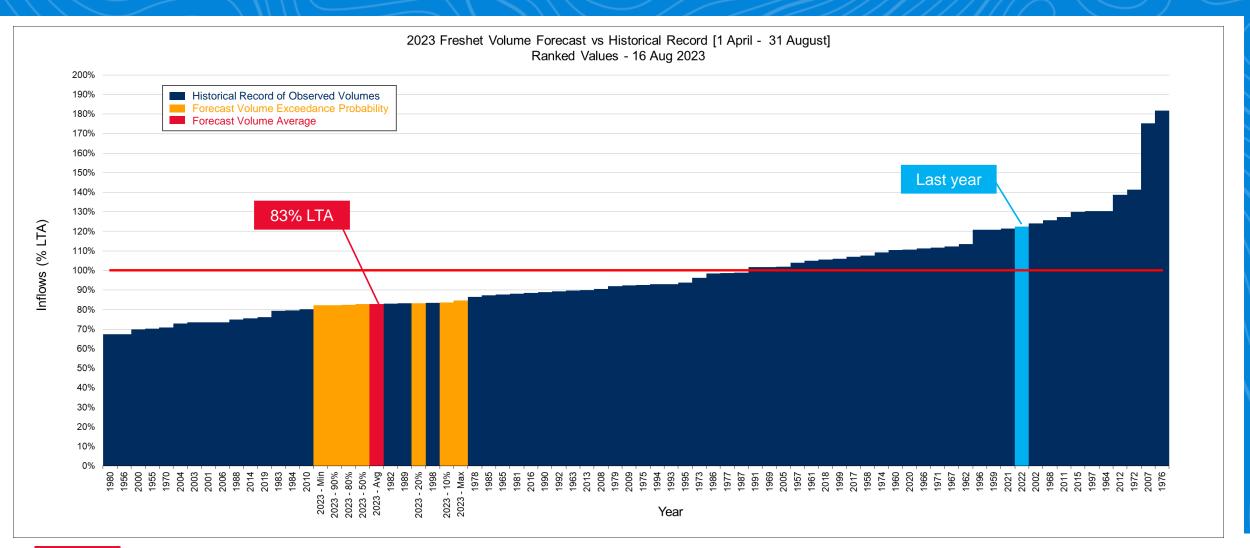
#### Out

A wildfire that is extinguished. Suppression efforts are complete.

### Observed Inflows & Discharge vs Historical

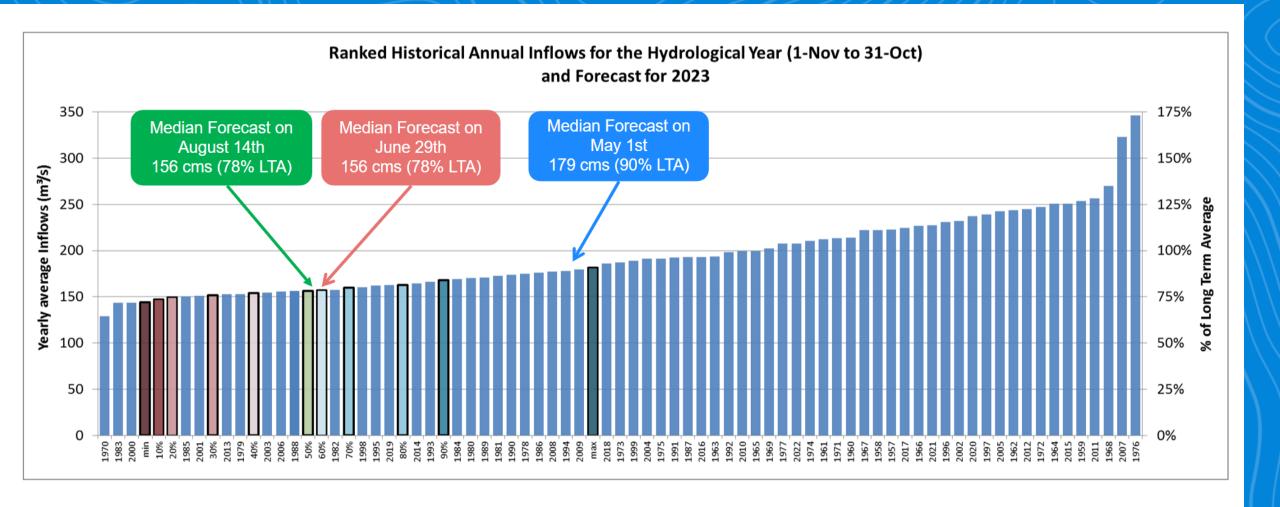


### **Spring Freshet Inflow Volume**



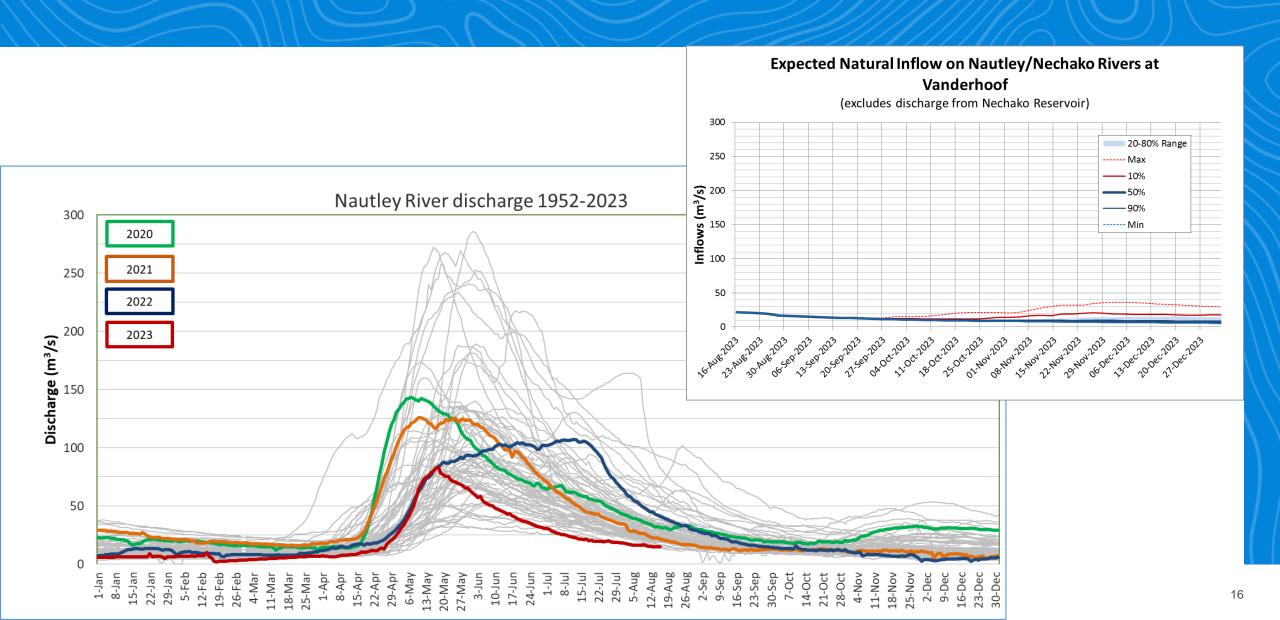


### Hydrological Year Inflow Volume

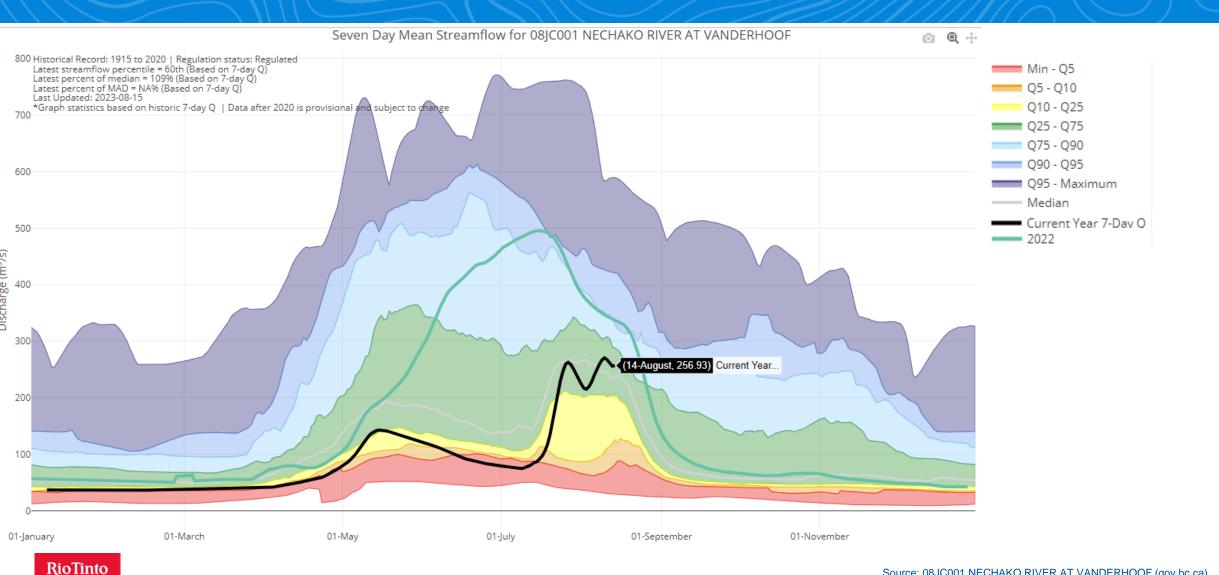




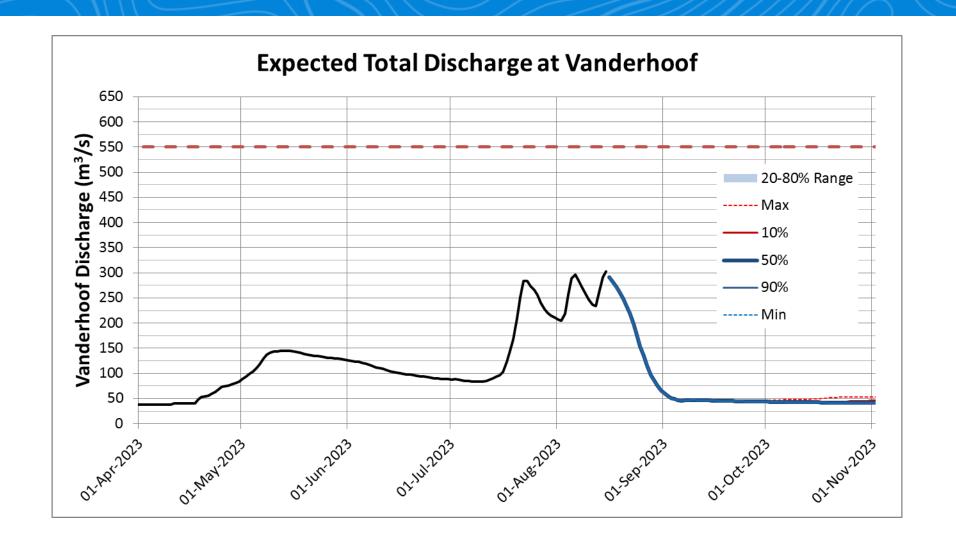
### **Nautley River Flows, Forecast**



### Vanderhoof

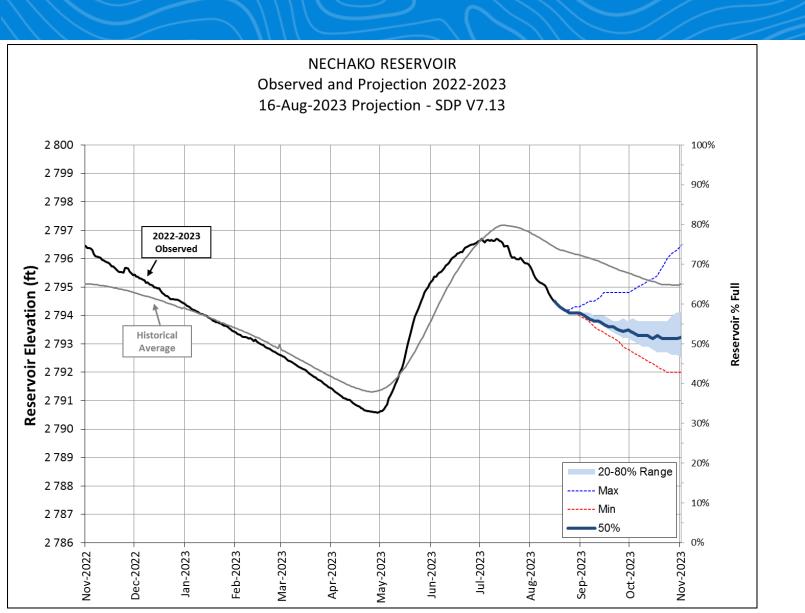


### Forecast - Vanderhoof





## Reservoir Level Projection



### **Updates - Next Steps - Actions**



- 1. Work with BC Wildfire on access
- 2. Model update and communications STMP, Generation etc
- 3. Monitoring work in the field
- 4. 2023 7 Yearly Dam Safety Review underway
- 5. Continue to update on Smelter Re-Start currently at 93% full production
- 6. Confirm next meeting date & time
  - Propose August 30<sup>th</sup>

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

