

The Rio Tinto logo is a red rectangle with the text "RioTinto" in white, sans-serif font. The background of the entire slide is a photograph of a mountainous landscape with rocky terrain, patches of snow, and a small wooden building. A cable car or ropeway system is visible, with cables stretching across the scene and workers on a platform in the lower right.

RioTinto

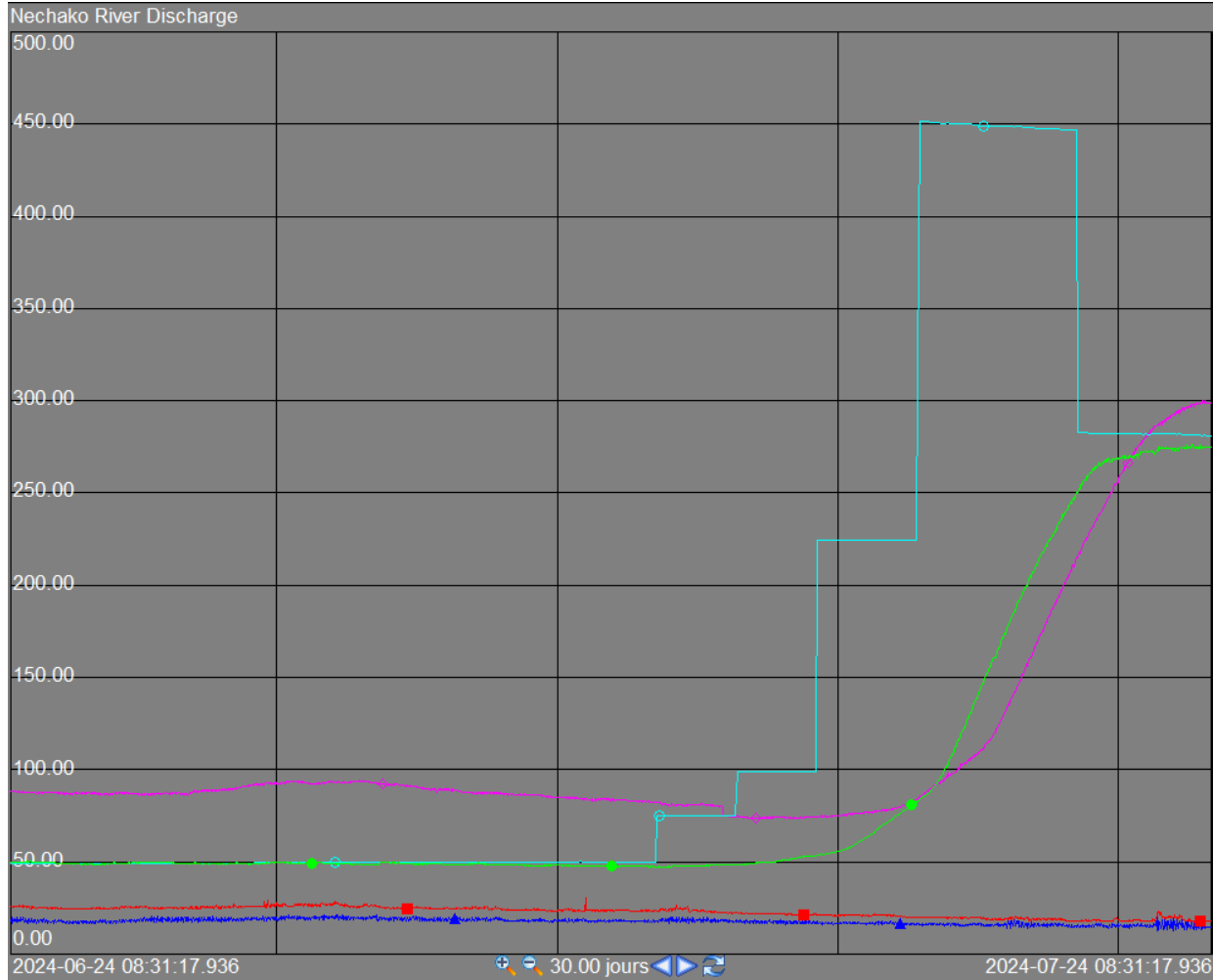
# Nechako Reservoir / River / Freshet Information Sharing – Community Leaders

24 July 2024

Prepared by Andrew Czornohalan  
& Water Resources Group

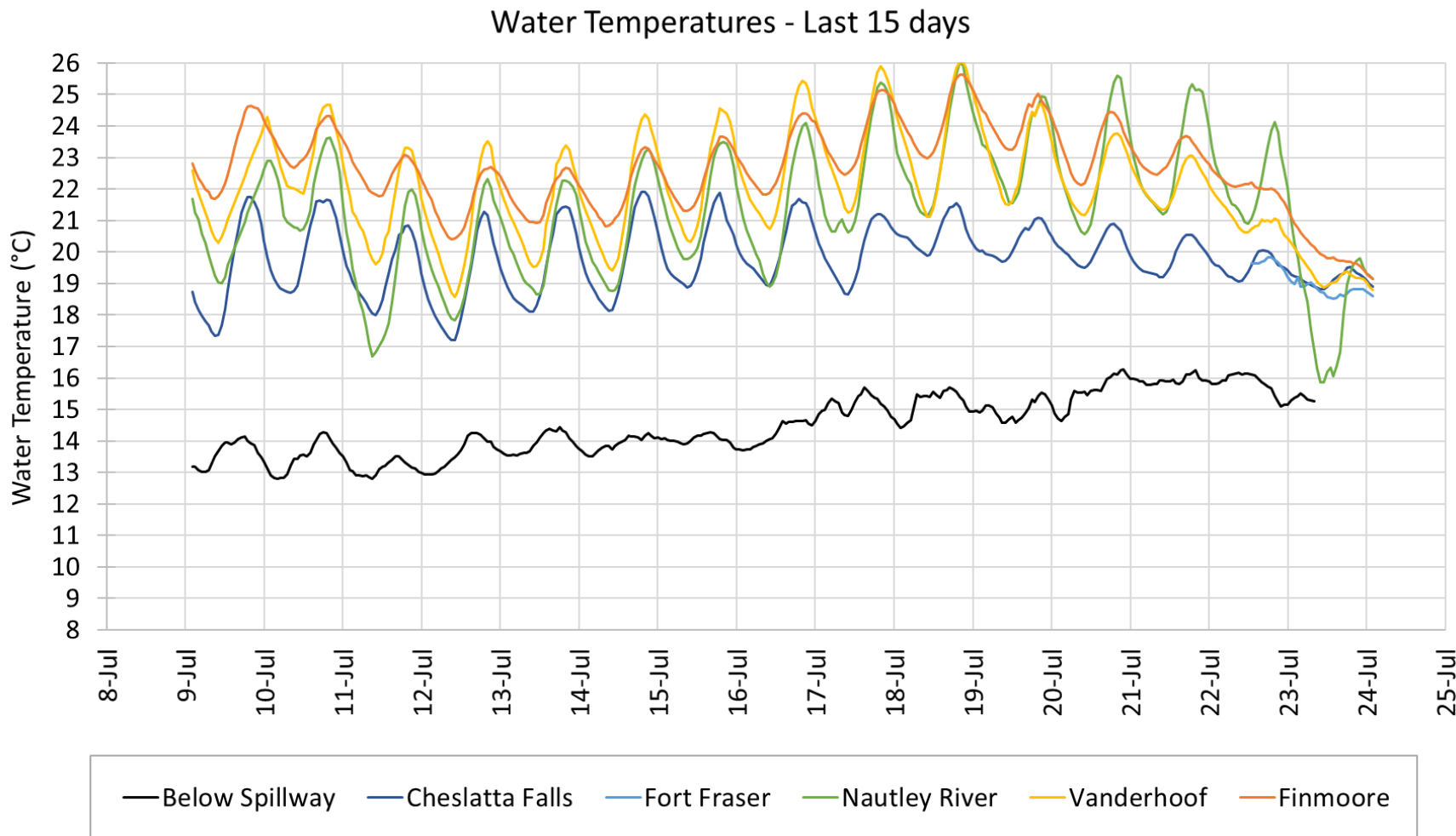


# Flows - Last 30 days



<b>Current values (m³/s)</b>	
<i>Vanderhoof</i>	<b>299</b>
<i>Skins Lake</i>	<b>281</b>
<i>Cheslatta Falls</i>	<b>275</b>
<i>Nautley</i>	<b>17</b>
<i>Stellako</i>	<b>15</b>

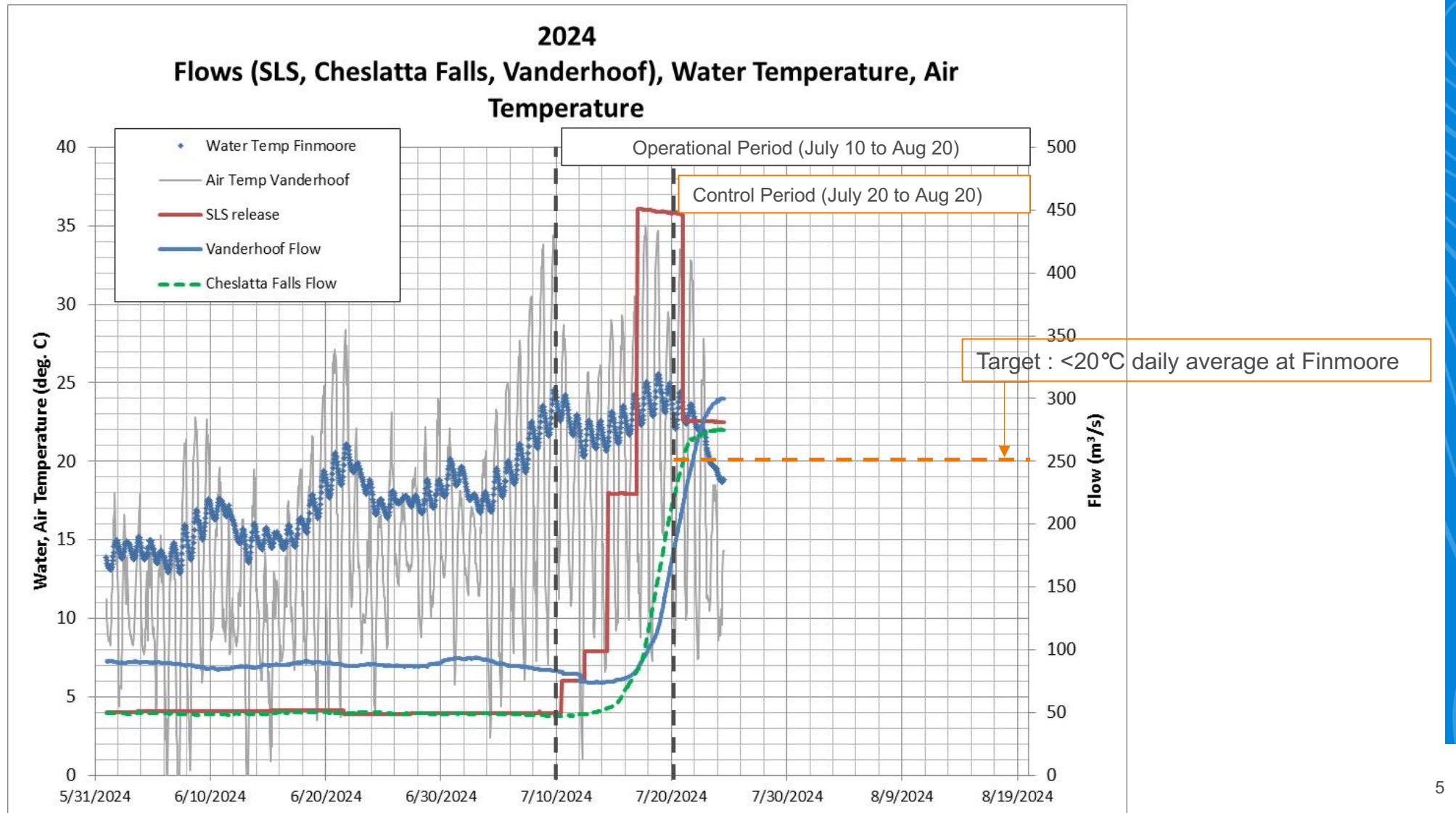
# Observed Water Temperatures – Last 15 days



## Average – Last 24h (°C)

Below spillway	<b>15.6</b>
Cheslatta Falls	<b>19.1</b>
Fort Fraser	<b>18.8</b>
Nautley River	<b>18.1</b>
Vanderhoof	<b>19.2</b>
Finmoore	<b>19.9</b>

# Flows, Water Temperature, Air Temperature

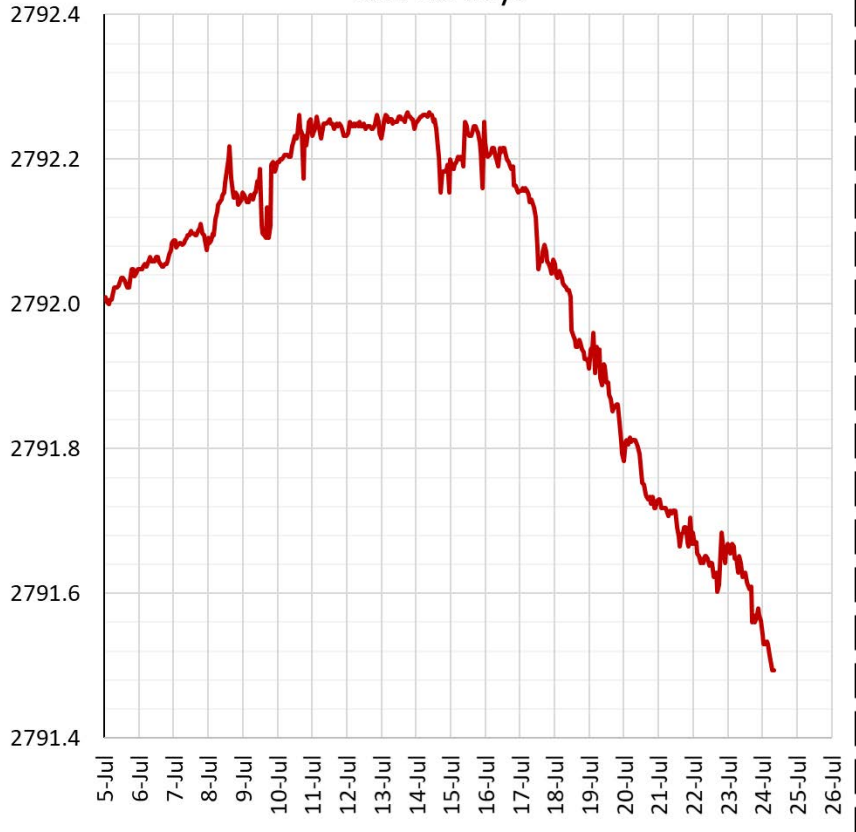




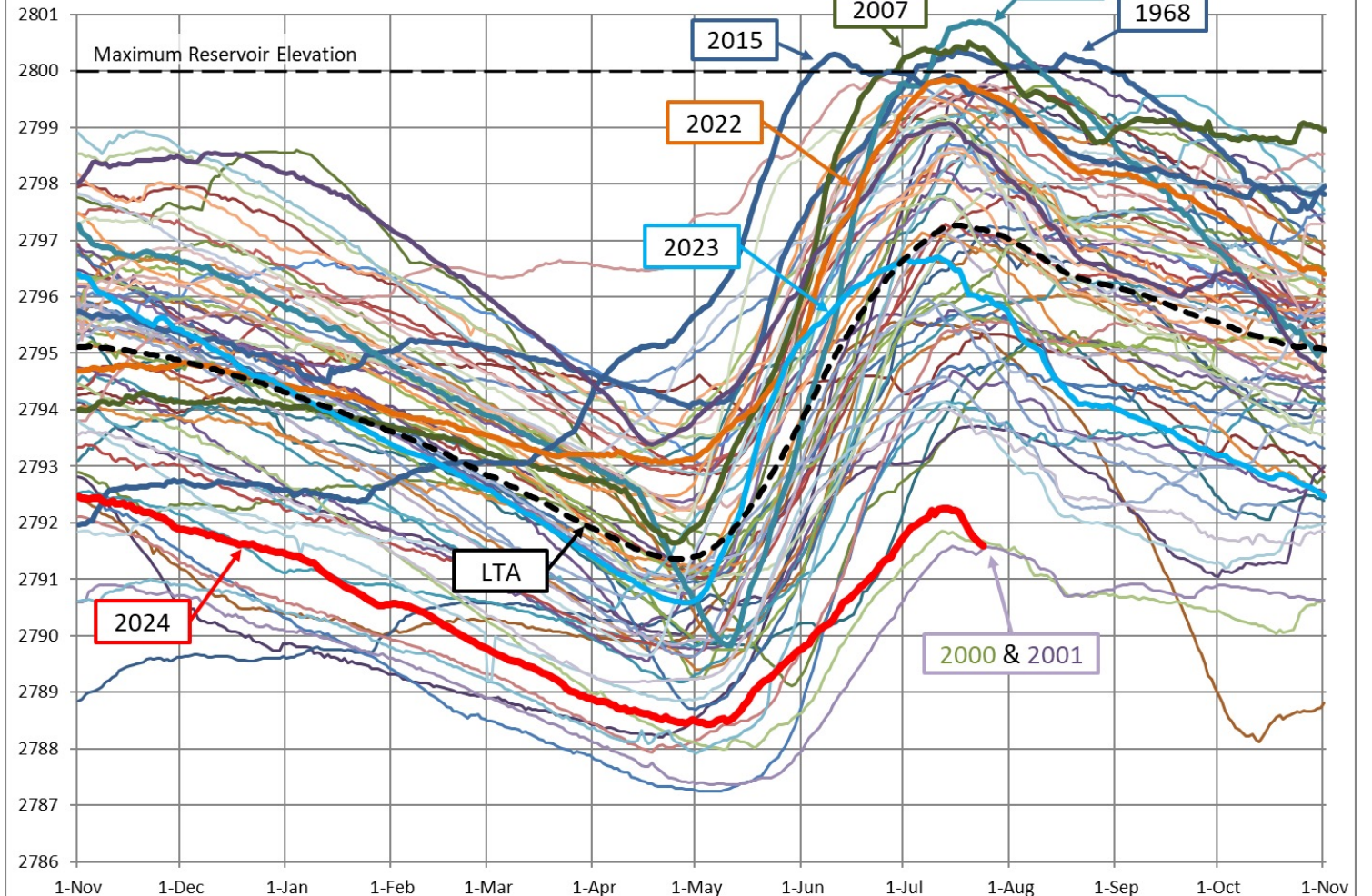
# Reservoir Elevation - Last 20 days

Current reservoir level  
**2791.49 ft (Approx)**

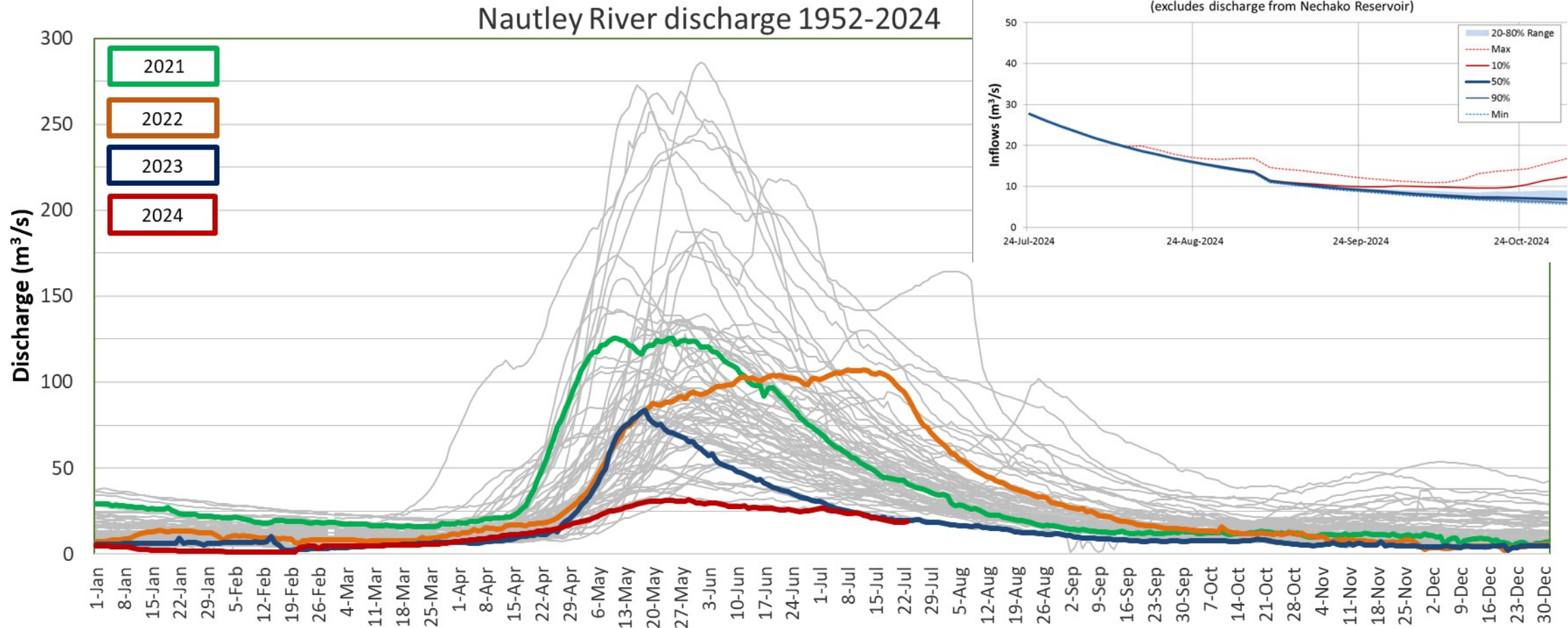
Last 20 days



### Nechako Reservoir Historical Elevation since 1957

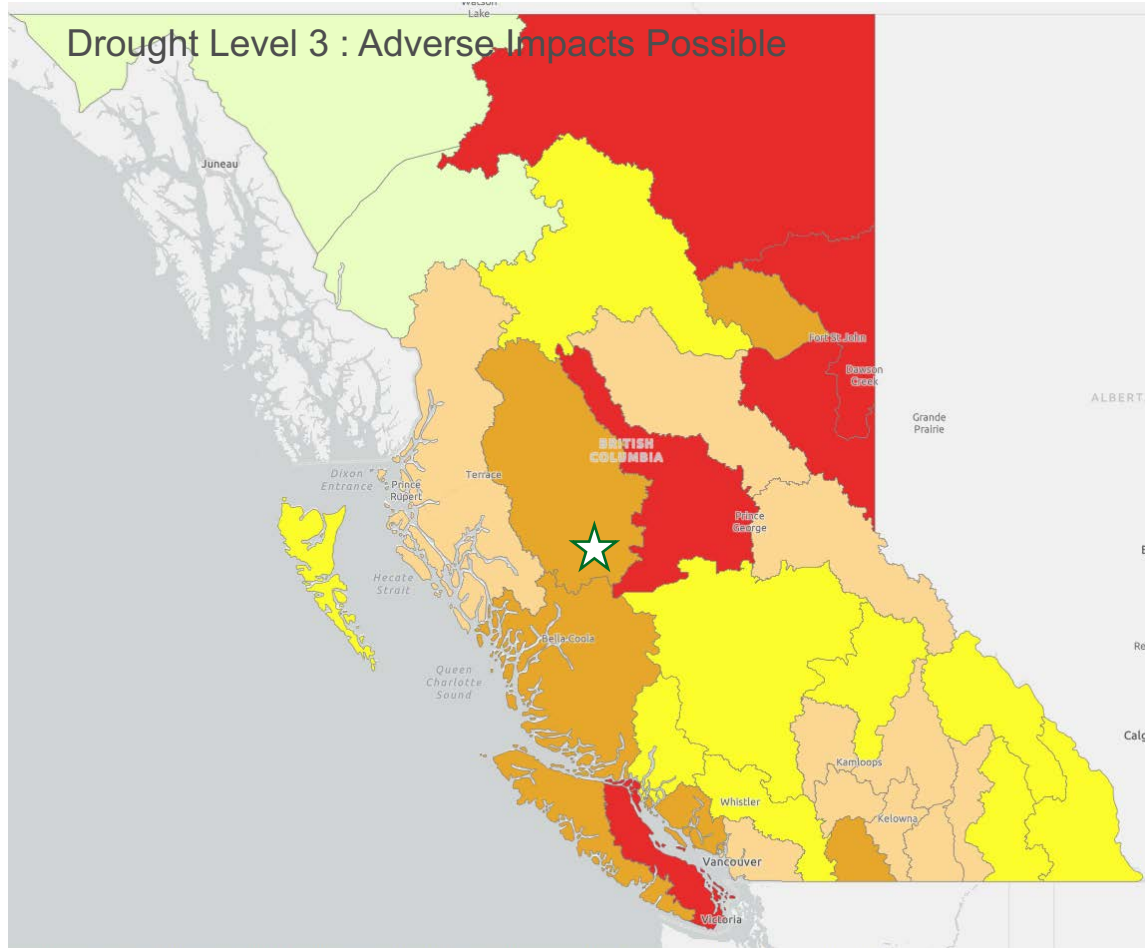


# Nautley River Flows, Forecast











# Provincial Advisories - Drought



## British Columbia Drought Levels

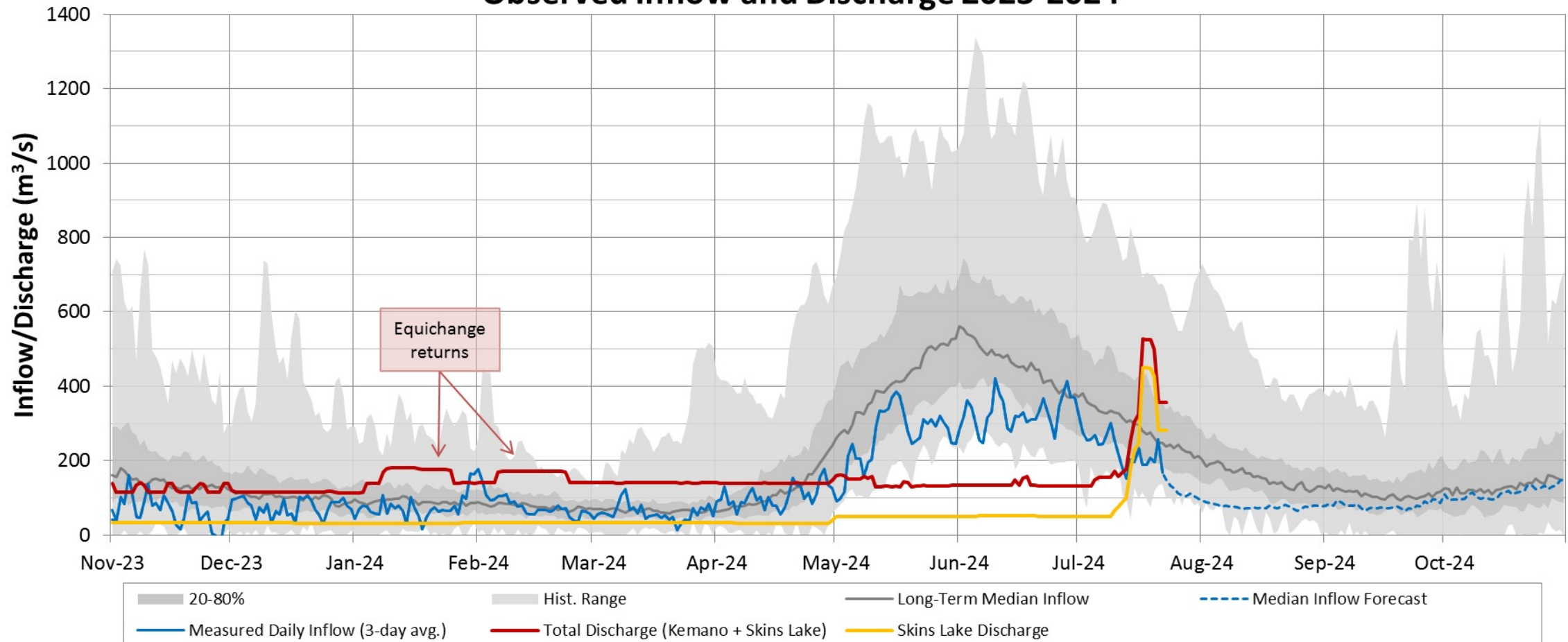
-  Drought Level 0 - No Adverse Impacts
-  Drought Level 1 - Adverse Impacts Rare
-  Drought Level 2 - Adverse Impacts Unlikely
-  Drought Level 3 - Adverse Impacts Possible
-  Drought Level 4 - Adverse Impacts Likely
-  Drought Level 5 - Adverse Impacts Almost Certain

Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NRCan, Parks Canada | Water Management Branch and GeoBC, Ministry of Water, Land and Resource Stewardship.

Drought conditions as of: July 18, 2024

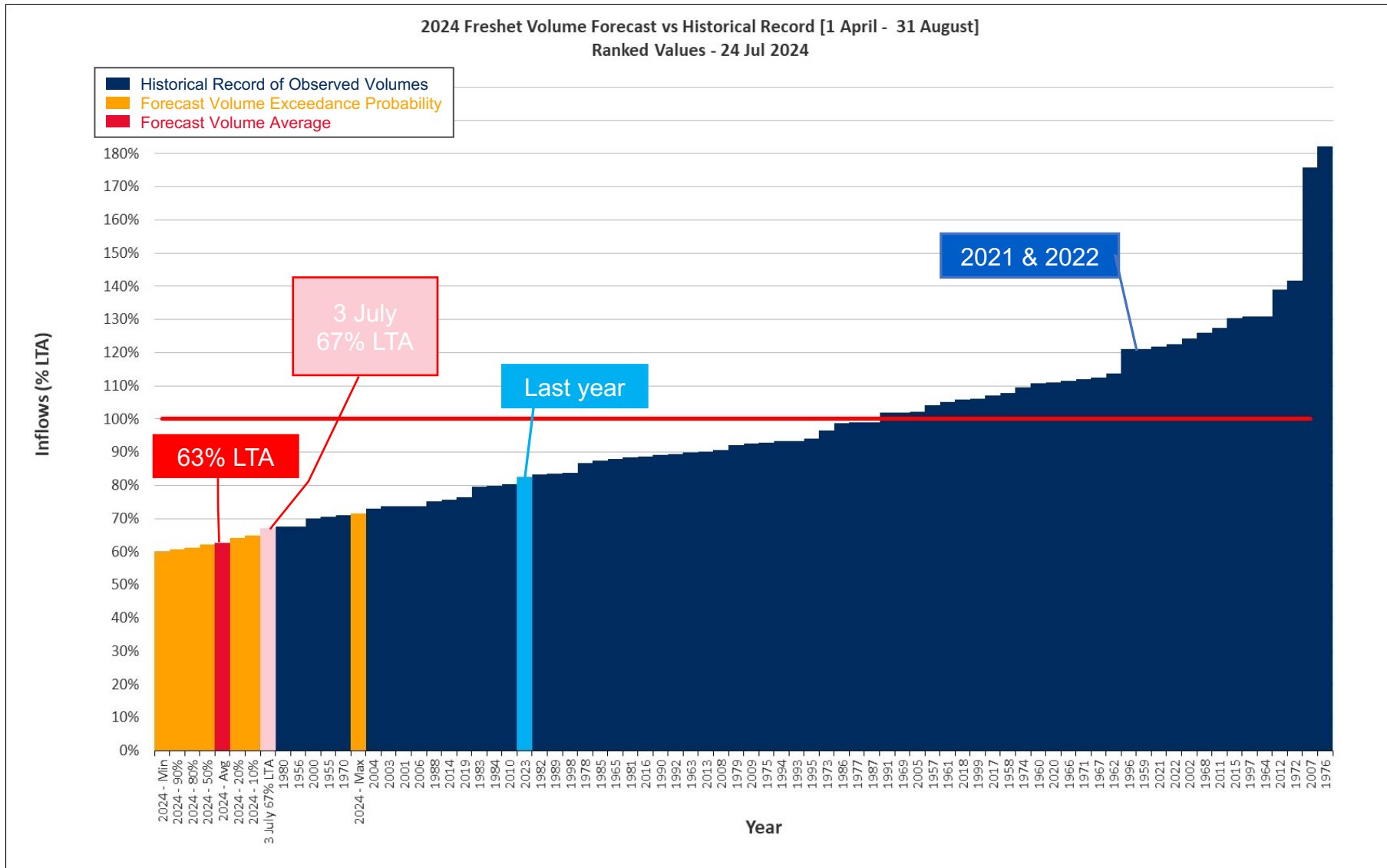
# Observed Inflows & Discharge vs Historical

## Nechako Reservoir Operation Observed Inflow and Discharge 2023-2024

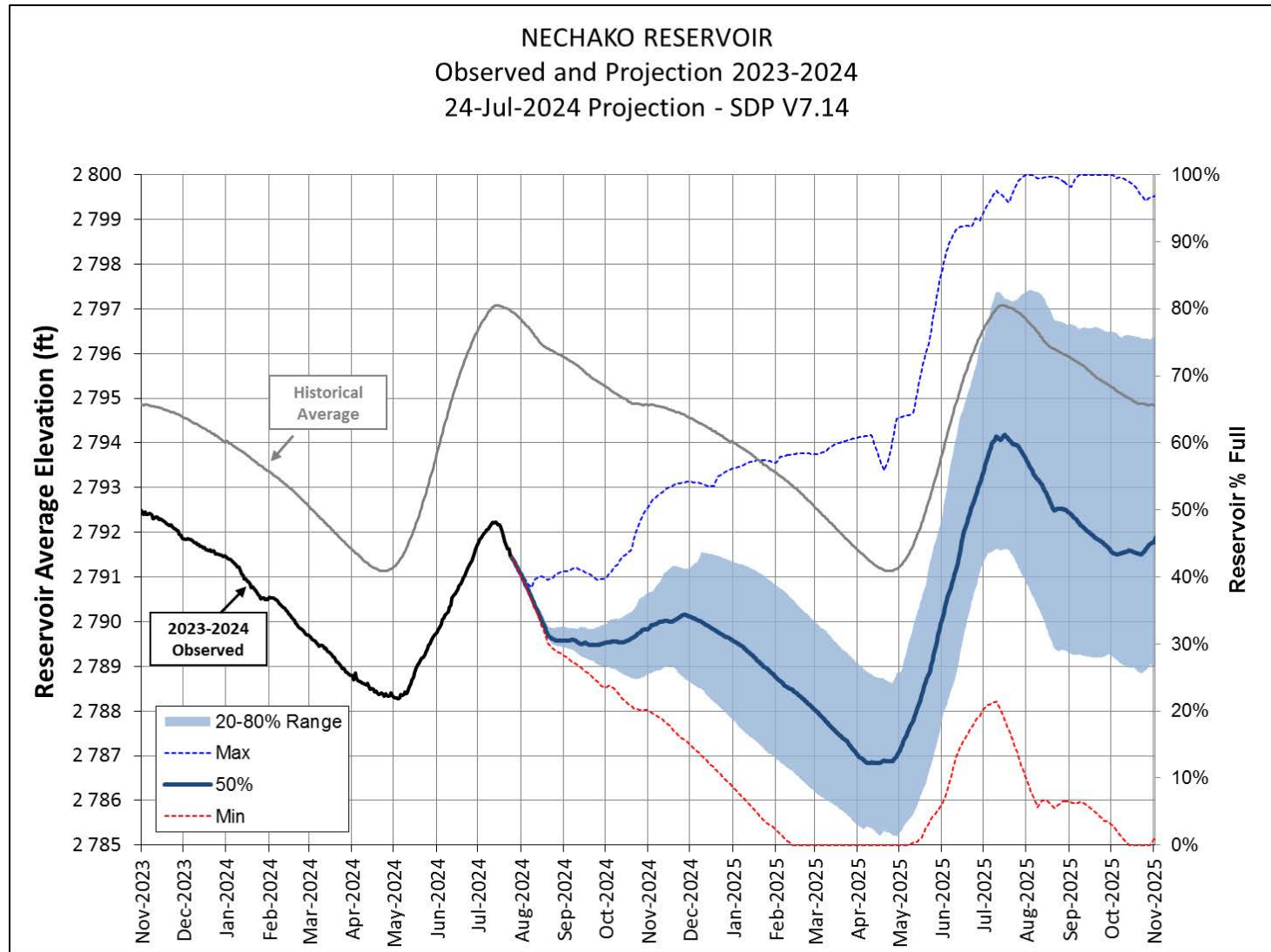




# Spring Freshet Inflow Volume Forecast



# Reservoir Level Projection





# Skins Lake Spillway Release - Forecast

- Current release = 281 m<sup>3</sup>/s

