

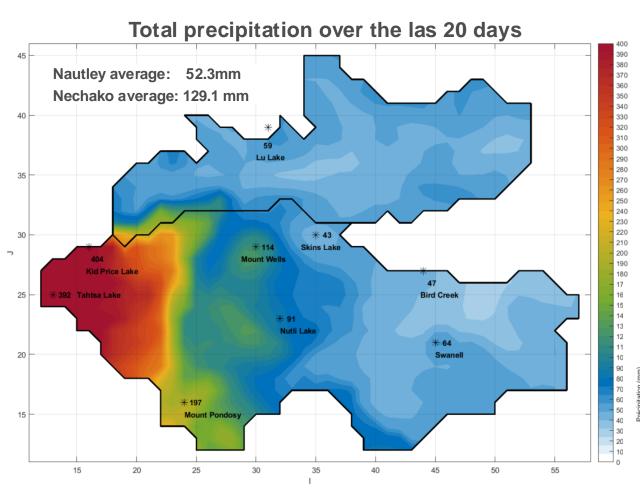
Precipitation and Inflows - Last 12 months

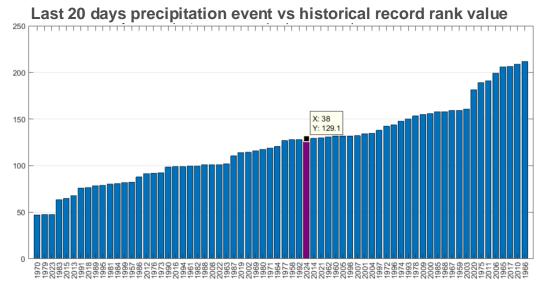
Nechako Watershed Inflows and Precipitation

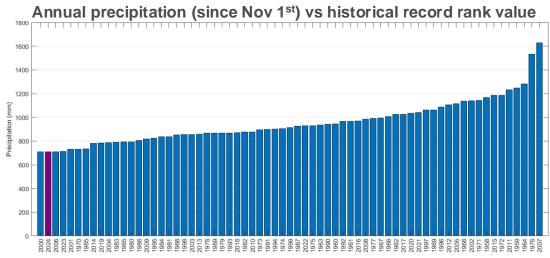
Period		Observed Inflo	ws	Observed Precipitation			
(2023-2024)	(cms)	(%LTA 1957- 2023)	(%LTA 1994- 2023)	(mm)	(%LTA 1957- 2023)*	(%LTA 1994- 2023)	
November, 2023	65	41%	40%	79	65%	64%	
December, 2023	75	66%	70%	97	87%	102%	
January, 2024	75	76%	77%	71	72%	72%	
February, 2024	79	94%	96%	34	49%	49%	
March, 2024	61	84%	79%	40	71%	59%	
April, 2024	102	71%	58%	32	74%	65%	
May, 2024	263	59%	56%	45	107%	105%	
June, 2024	329	65%	67%	71	125%	137%	
July, 2024	202	63%	67%	16	29%	28%	
August, 2024	84	50%	56%	33	58%	63%	
September, 2024	119	95%	100%	102	140%	136%	
October, 2024	263	203%	219%	36	157%	167%	
Winter (Nov-Mar)	71	67%	67%	321	70%	71%	
Spring & Summer (Apr-Aug)	196	62%	62%	197	78%	78%	
Fall (Sept-Oct) (to date)	149	119%	125%	138	144%	142%	
Year 2023-2024 (to date)	135	67%	67%	657	81%	82%	

^{*} Watershed precipitation data before the 1990s was estimated from a more limited number of weather stations in operation.

Weather - Last 20 days

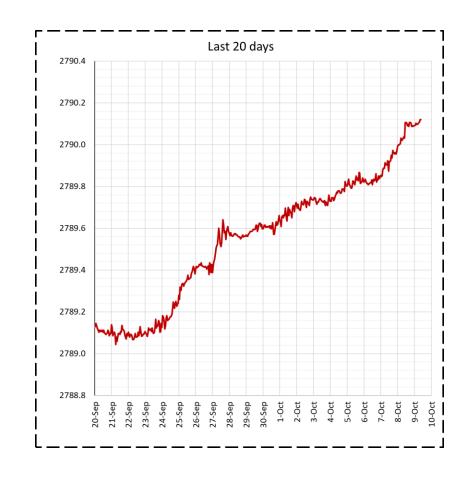


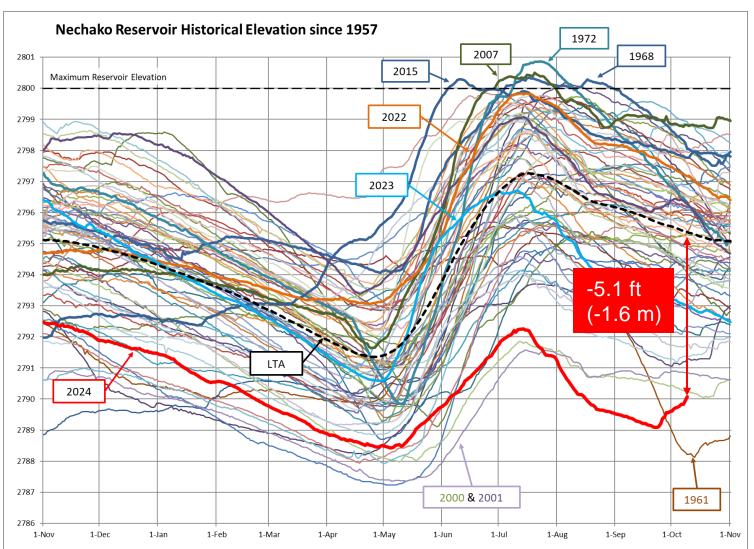




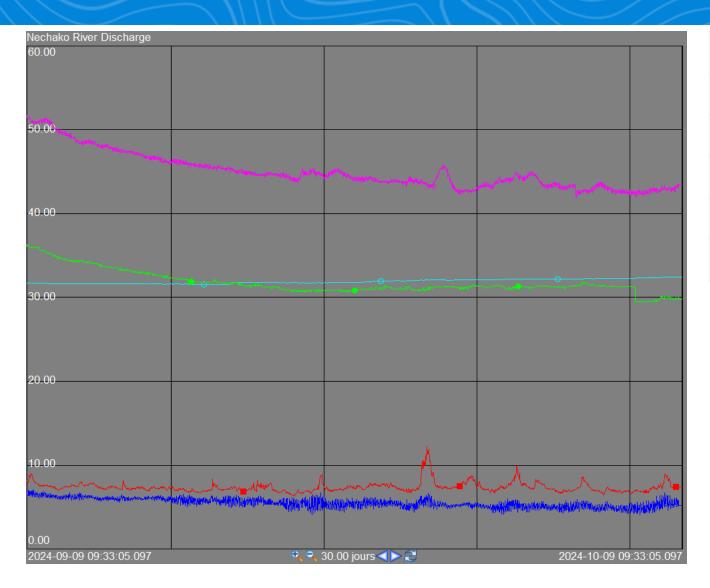
Reservoir Elevation - Last 20 days

Current reservoir level 2790.12 ft (Approx)





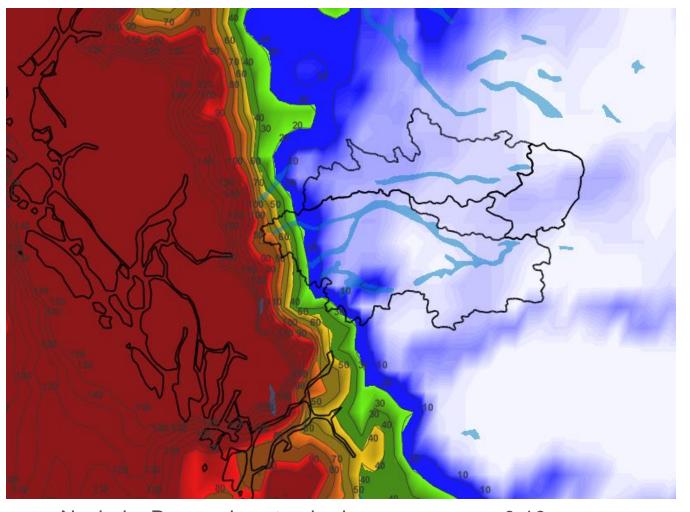
Flows - Last 30 days



Current values (m³/s)						
Vanderhoof	43					
Skins Lake	32					
Cheslatta Falls	30					
Nautley	7					
Stellako	5					

Precipitation forecast

Forecast (next 10 days)

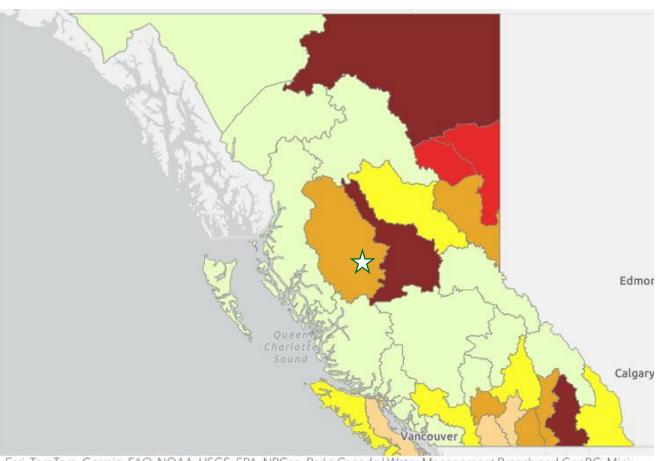




Nechako Reservoir watershed area-average = 0-10 mm

Provincial Advisories - Drought

Drought Level 3: Adverse Impacts Possible



Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NRCan, Parks Canada | Water Management Branch and GeoBC, Mini...

Source: British Columbia Drought Information Portal droughtportal.gov.bc.ca

British Columbia Drought Levels

Unlikely

Possible

Almost Certain

Drought Level 0 - No Adverse Impacts

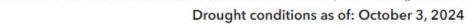
Drought Level 1 - Adverse Impacts Rare

Drought Level 2 - Adverse Impacts

Drought Level 3 - Adverse Impacts

Drought Level 4 - Adverse Impacts

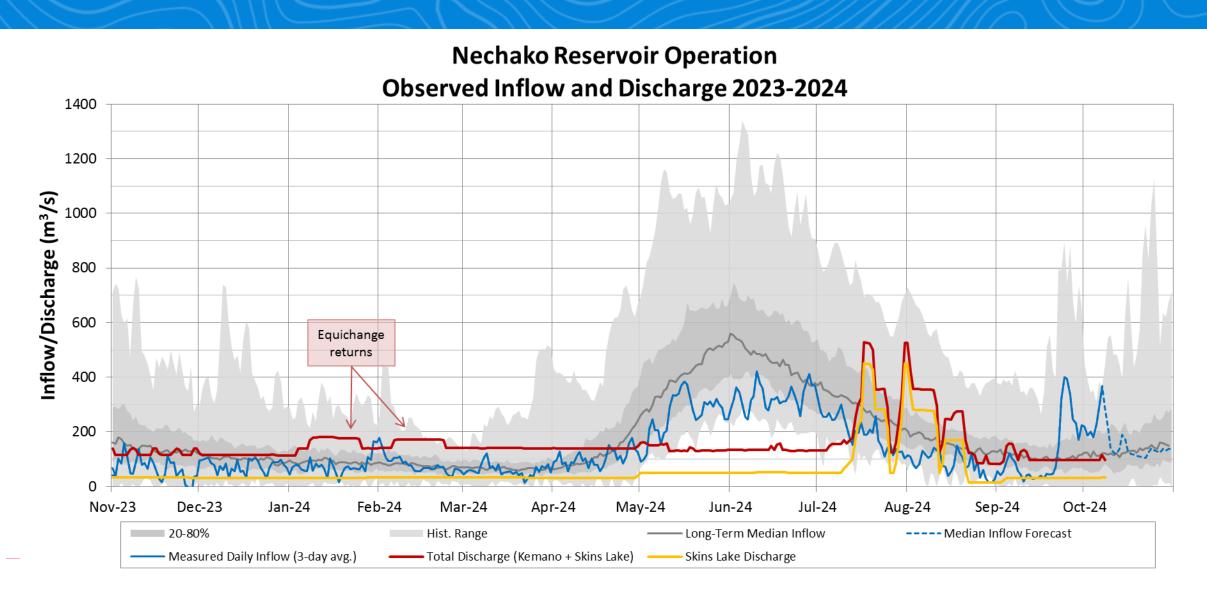
Drought Level 5 - Adverse Impacts



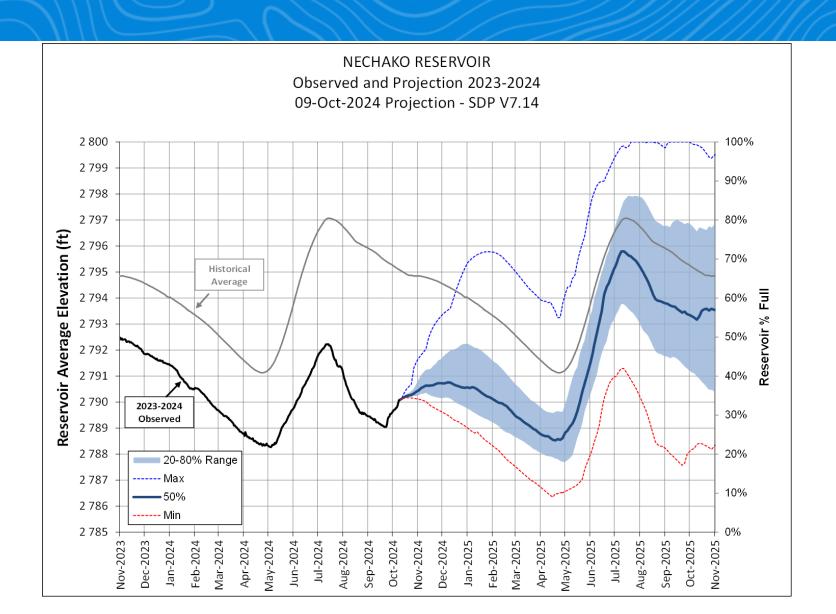




Observed Inflows & Discharge vs Historical

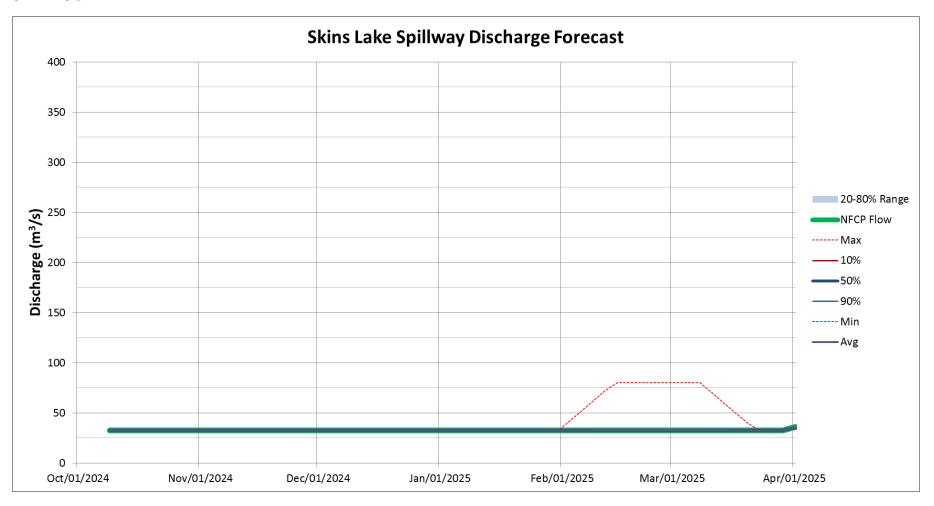


Reservoir Level Projection

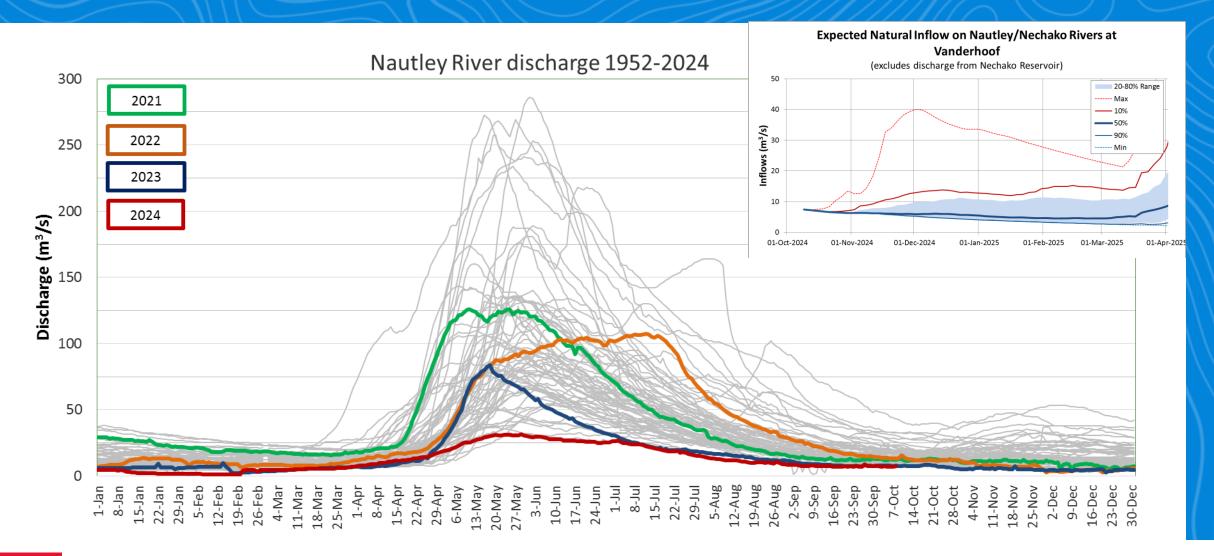


Skins Lake Spillway Release - Forecast

Current release = 32 m³/s

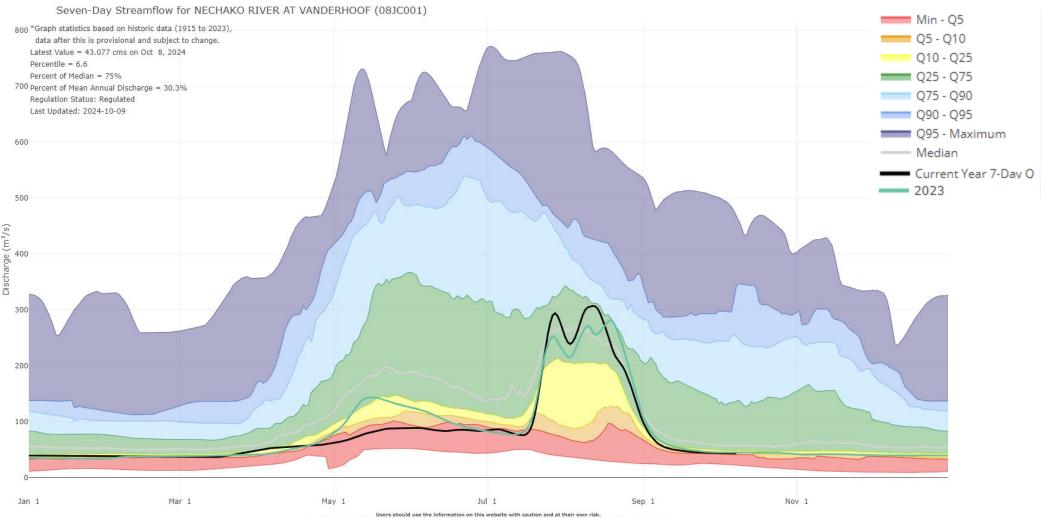


Nautley River Flows, Forecast



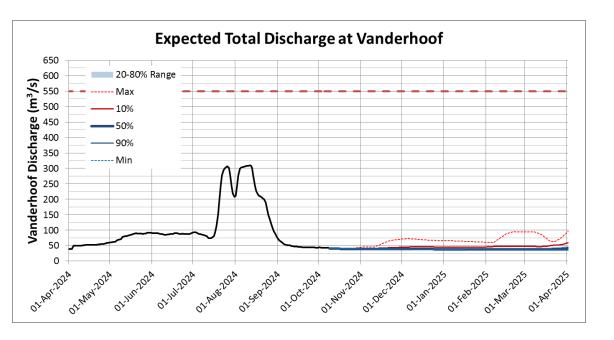


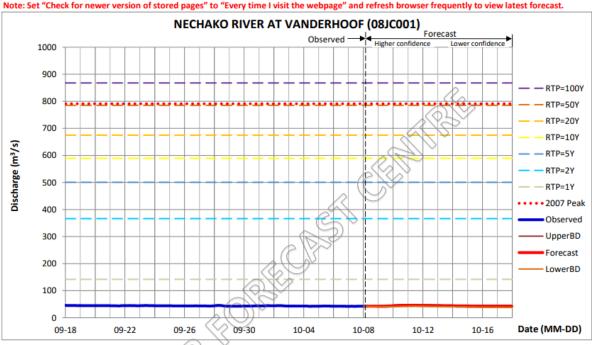
Vanderhoof





Forecast - Vanderhoof





Reading at 07 AM	Forecast Daily Discharge (m³/s): AVERAGE									
(m³/s) Tue	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu
2024-10-08	2024-10-08	2024-10-09	2024-10-10	2024-10-11	2024-10-12	2024-10-13	2024-10-14	2024-10-15	2024-10-16	2024-10-17
	43(8	45.5	47.9	48.1	47.7	46.8	46.3	45.9	45.7	45.6
42.8	42.6	42.7	45.2	45.6	44.9	44.0	43.3	42.7	42.3	42.1
	41.5	40.7	41.9	43.1	42.1	41.2	40.4	39.6	39.0	38.7
			RTP=1Y	RTP=2Y	RTP=5Y	RTP=10Y	RTP=20Y	RTP=50Y	RTP=100Y	2007 Peak
Color Scheme for Return Periods:			142.0	366.5	500.7	589.6	674.8	785.2	867.8	791.0
			•			•				(m ³ /s)

Remark: This station is labeled as "regulated", and the forecast is the sum of natural flows and extended regulated flow from 08JA017.



Updates - Next Steps - Actions



- 1. Confirm next meeting date & time
 - Propose November 6th
- 2. Work with BC Hydro to manage the drought and energy balance for the winter

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

