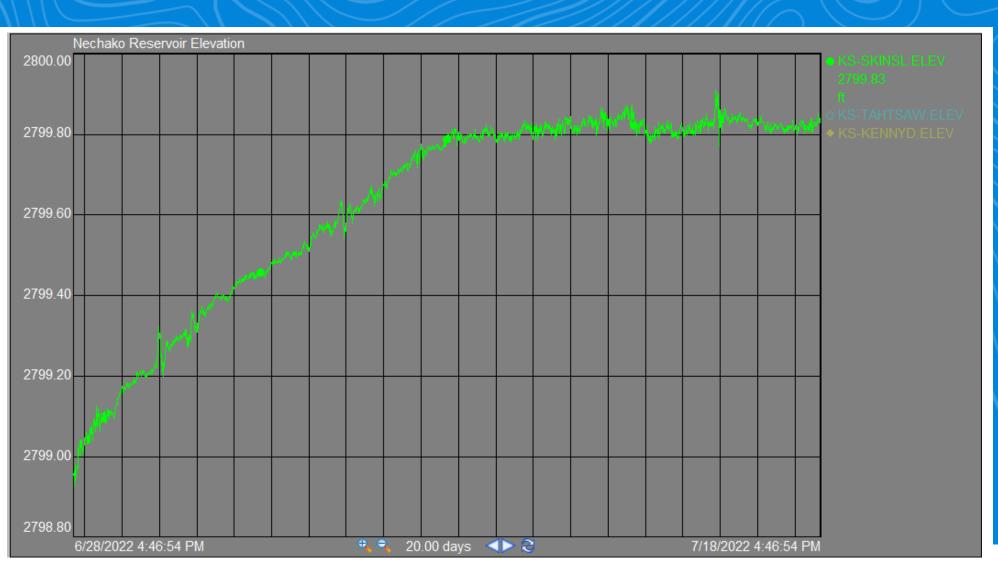


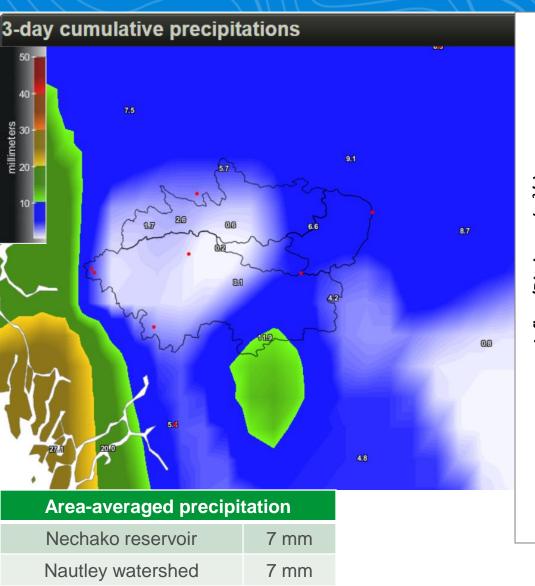
Reservoir Elevation - Last 20 days

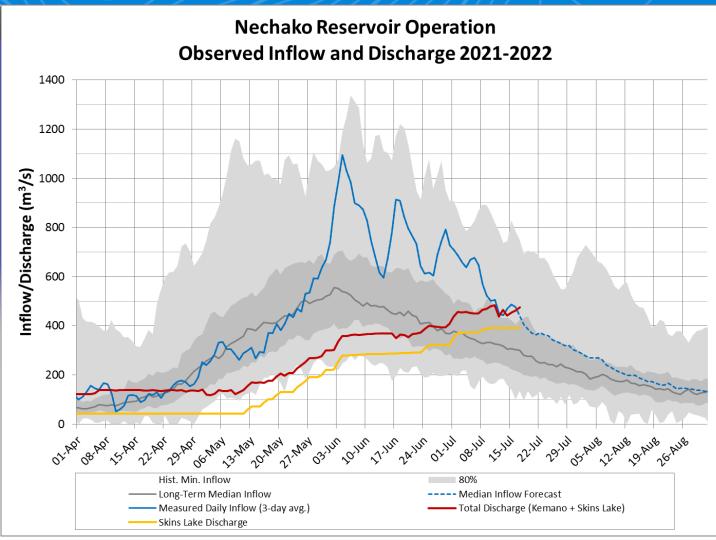
Current reservoir level: 2799.83 ft

Maximum: 2800.0 ft



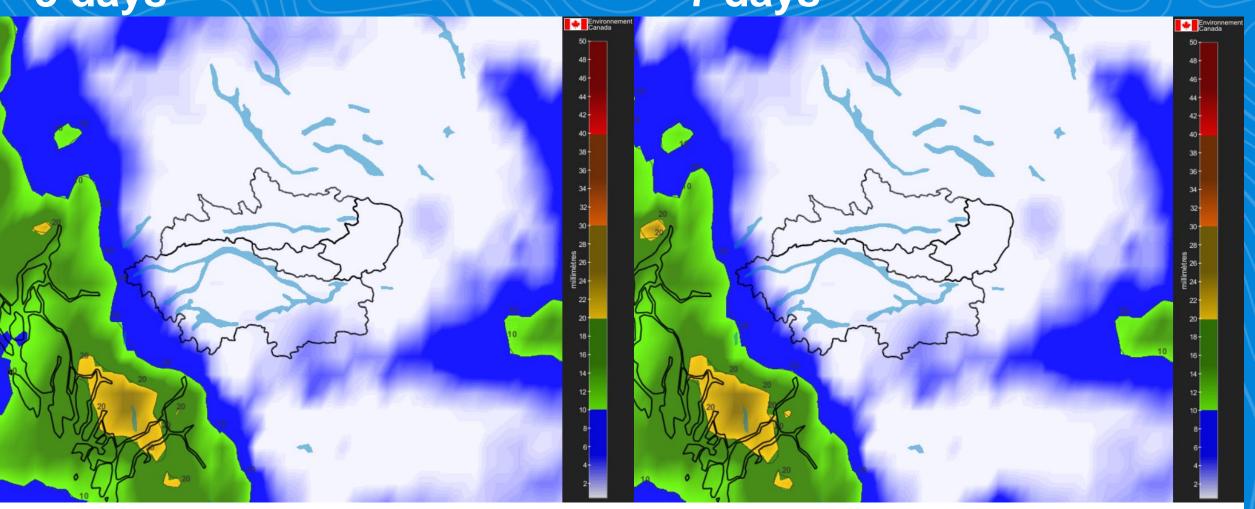
Observed Precipitation, Inflows vs Historical





Weather Forecast 3 days





Expected: < 5 mm

Expected: < 5mm

Reservoir Level Projection – 390 m³/s

- SLS discharge maintained at 390 m³/s until August 1
- Risk of exceeding maximum operating reservoir level : Very Low (<5%)
- Reached peak:
 2799.91 ft. (15 July)
- Reservoir level is expected to decrease in the next few days.

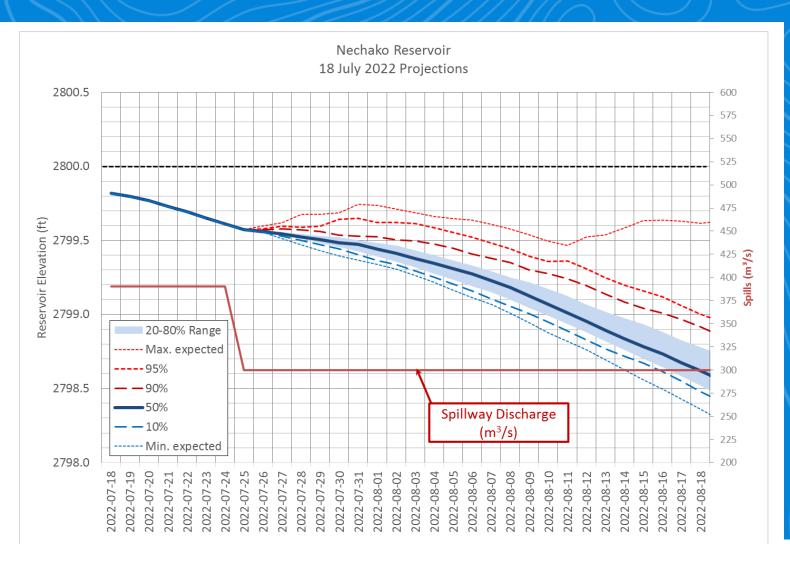
 Projections for less than 5 mm over 3 days, than almost 0 mm for the rest of the week.



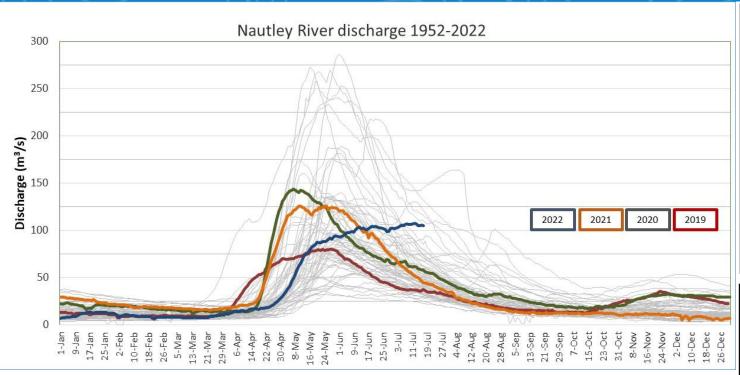
Reservoir Level Projection – 390 then 300 m³/s

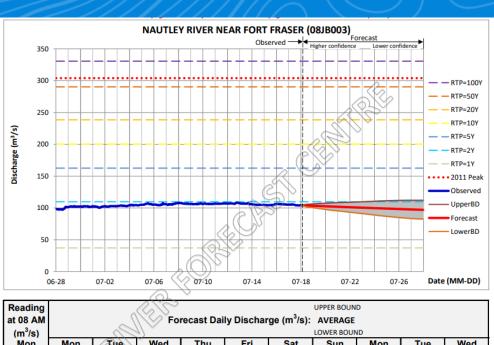
- SLS discharge maintained at 390 m³/s until next Monday
- Risk of exceeding maximum operating reservoir level : Very Low (<5%)
- Reached peak:
 2799.91 ft. (15 July)
- Reservoir level is expected to decrease in the next few days.

 Projections for less than 5 mm over 3 days, than almost 0 mm for the rest of the week.



Nautley River Flows, Forecast



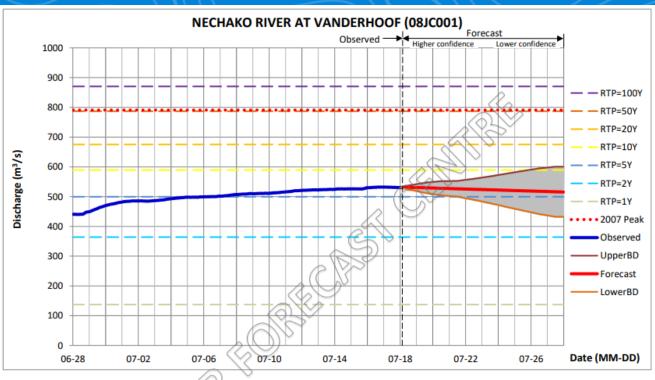


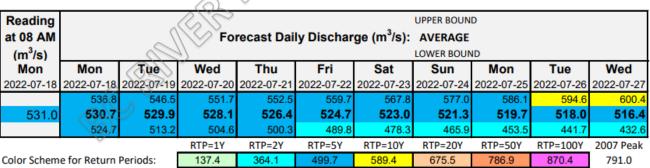
Reading	UPPER BOUND										
at 08 AM	Forecast Daily Discharge (m³/s): AVERAGE										
(m ³ /s)	LOWER BOUND										
Mon	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	
2022-07-18	2022-07-18	2022-07-19	2022-07-20	2022-07-21	2022-07-22	2022-07-23	2022-07-24	2022-07-25	2022-07-26	2022-07-27	
	105.6	106.9	107.9	108.6	109.2	110.0	110.9	111.6	112.0	112.0	
104.0	103.7	103.1	102.3	101.5	100.8	100.1	99.4	98.7	98.0	97.4	
	101.8	99.2	96.6	94.5	92.3	90.2	87.9	86.0	84.2	82.8	
	0		RTP=1Y	RTP=2Y	RTP=5Y	RTP=10Y	RTP=20Y	RTP=50Y	RTP=100Y	2011 Peak	

Color Scheme for Return Periods: 37.2 109.7 162.6 200.4

109.7 162.6 200.4 238.5 290.3 330.7 304

BC River Forecast Center – Vanderhoof





									•	
				NECHA	KO RIVER	AT VANDER	HOOF (08JC	(001)		
	1000					Observ	ed Higher	Forecast confidence Lo	ower confidence	
	1000									
							<u> </u>			
	900				1	++++				
									>	— — RTP=100Y
	800				***					— — RTP=50Y
							i	1,5024	SY I I	
	700				+ + + + .	++++				— — RTP=10Y
\s\								1012		
E	600	\vdash			+++	++++				— — RTP=5Y
9							350			— — RTP=2Y
Discharge (m³/s)	500	+					(8			— — RTP=1Y
35										••••• 2007 Peak
-	400									Observed
					I T T T T		2011			
	300	$\overline{}$				103				UpperBD
						1 P NY				Forecast
	200	+								LowerBD
		\vdash	- - -	- - -	1++4	K + + +			_ _ _	
	100	+			12894	\$4				
					(M)	1				
	0									
	06	5-25	06-29	07-03	07-07	07-11	07-15	07-19	07-23	Date (MM-DD)

Reading at 06 AM (m ³ /s)	UPPER BOUND Forecast Daily Discharge (m³/s): AVERAGE LOWER BOUND										
Fri	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
2022-07-15	2022-07-15	2022-07-16	2022-07-17	2022-07-18	2022-07-19	2022-07-20	2022-07-21	2022-07-22	2022-07-23	2022-07-24	
	531.8	540.2	542.8	541.3	546.1	551.7	558.3	564.7	570.5	573.8	
526.0	525.8	522.5	518.6	514.7	510.9	507.2	503.4	499.8	496.1	492.4	
	519.0	505.0	494.5	488.3	476.0	462.9	449.0	435.2	422.2	411.7	
	0		RTP=1Y	RTP=2Y	RTP=5Y	RTP=10Y	RTP=20Y	RTP=50Y	RTP=100Y	2007 Peak	
Color Schem	e for Return	Periods:	137.4	364.1	499.7	589.4	675.5	786.9	870.4	791.0	

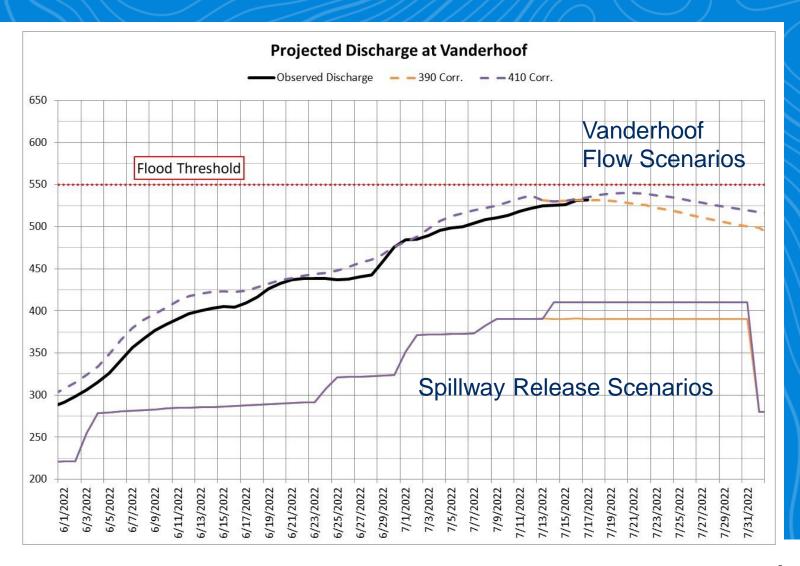
(m³/s)

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

(m³/s)

Spillway Management – Vanderhoof Forecast

SLS discharge is currently 390 m³/s



Focus & Actions

- Surcharge Authorization
- Public Engagement Meeting
- Monitoring and Learning about High Water
- Next Meeting Propose Thursday this week
- De-Brief and Lessons Learnt Workshop



Rio Tinto Example slides | July 2020

