

Houle, Brian (Crofton)

From: Houle, Brian (Crofton)
Sent: Thursday, July 7, 2022 12:52 PM
To: Houle, Brian (Crofton)
Subject: Cowichan Watershed Update: July 7, 2022

Greetings are late this week.

I forgot to send out my weekly update and luckily one person noted this to me.

Here is this week's update and the lake remains at 100% full and flow is now reduced to summer base flow of 7 cubic meters per second (cms).

From trend you can see that we are at risk of needing to increase flow in river due to very high lake level currently.

Snow pack is melting fast and will not be helping sustain lake level for much longer.

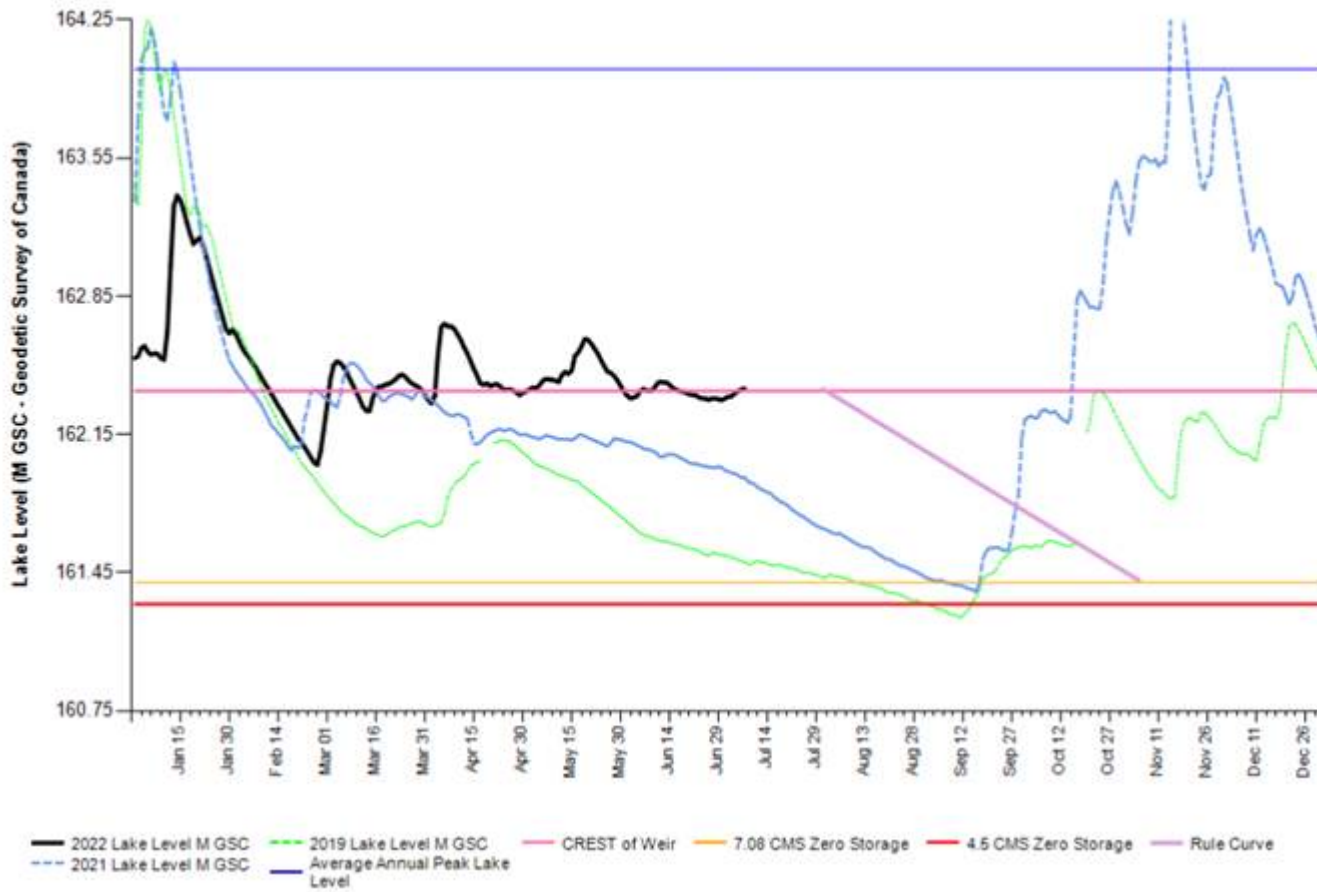
Weather forecast shows mostly sunshine and cloudiness with minimal rainfall predicted.

Amazing to have had such significant rainfall event last weekend – where was that in 2019 when we really needed it?

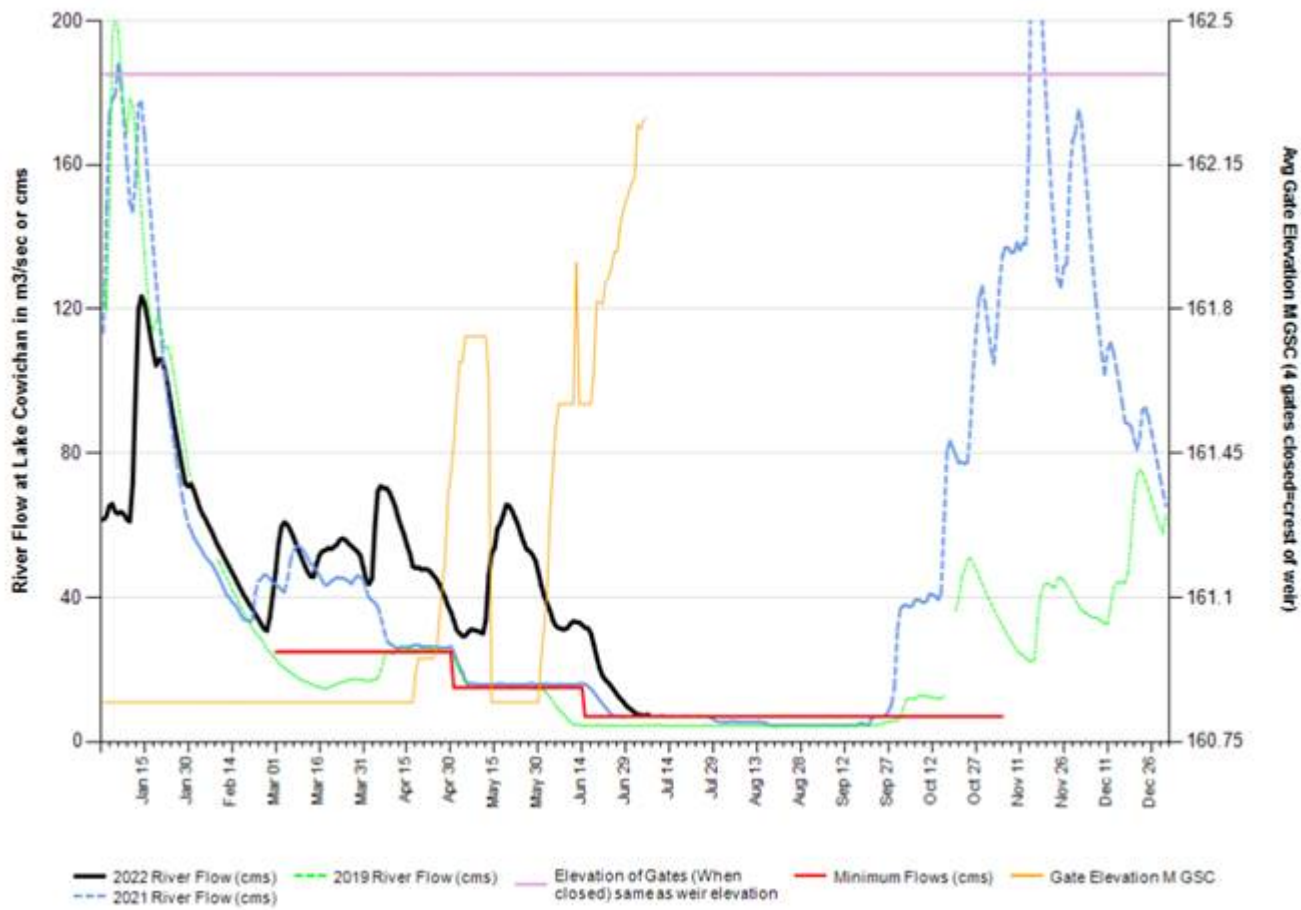
2022 continues to show adequate lake level to support 7 cms base flow until return of rainfall in Sept/Oct/Nov.

Regards,
Brian Houle
Manager, Environment
Catalyst Crofton
250-246-6236

2022 Cowichan Lake Level - 2022 (Black) & 2021 (Blue) & 2019 (Green)



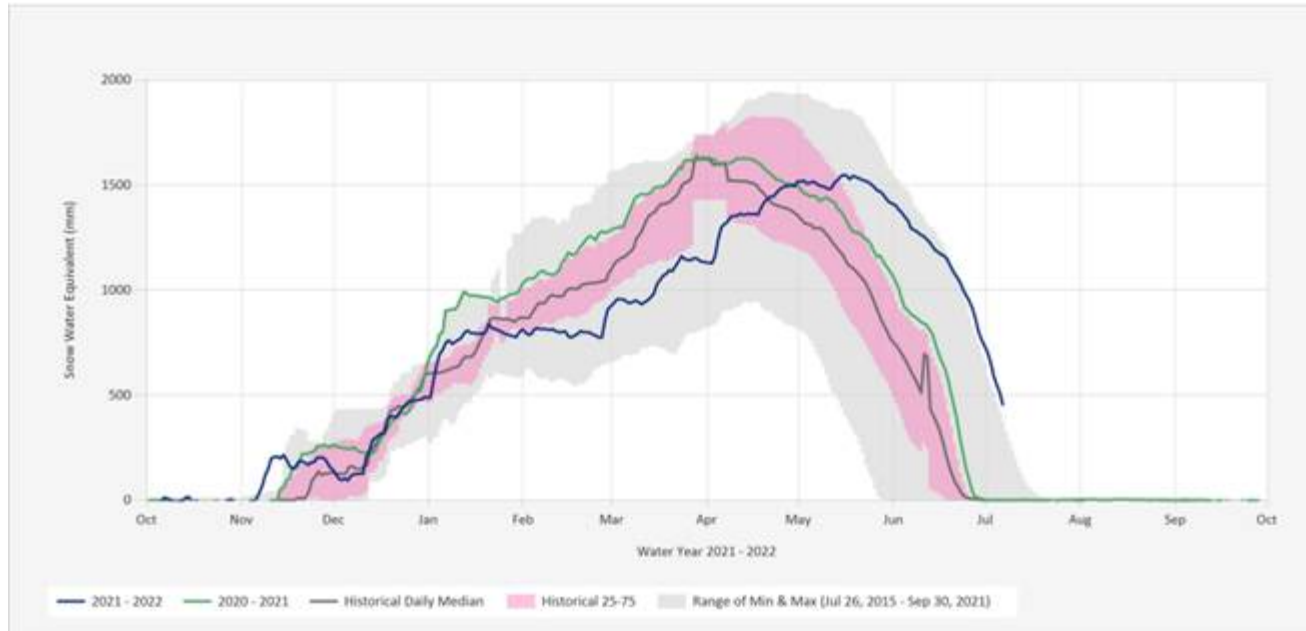
2022 Cowichan River Flow - 2022 (Black) & 2021 (Blue) & 2019 (Green)



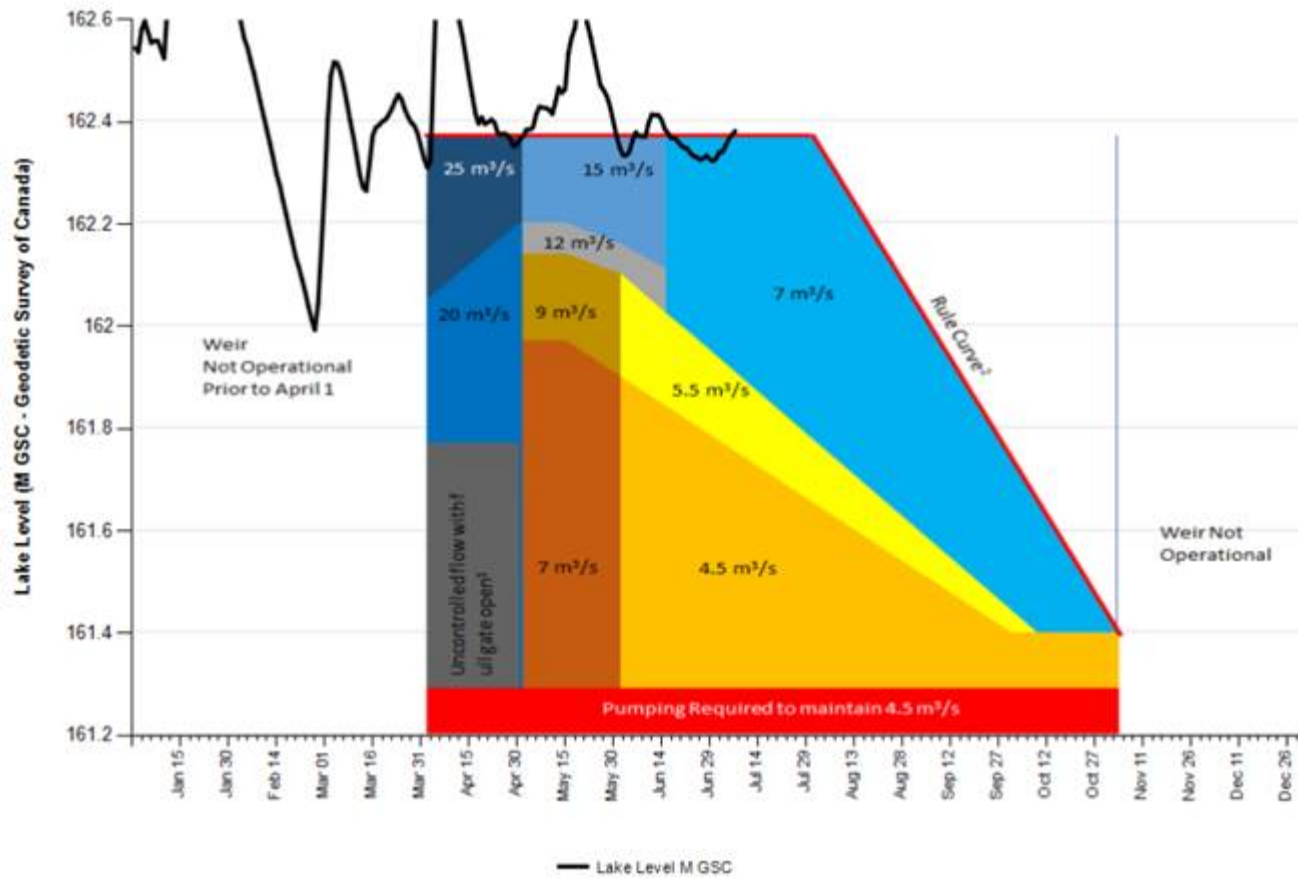
Next 7 Days



	Fri 07/08	Sat 07/09	Sun 07/10	Mon 07/11	Tue 07/12	Wed 07/13	Thu 07/14
	Chance of a shower	Cloudy with sunny breaks	Cloudy with sunny breaks	Sunny	Mainly sunny	A mix of sun and clouds	Mainly sunny
	18°	20°	18°	27°	24°	20°	19°
Feels like	19	20	20	31	28	20	19
Night	11°	12°	12°	14°	10°	10°	11°
POP	40 %	30 %	30 %	10 %	30 %	30 %	10 %
Wind (km/h)	7 sw	9 sw	7 w	4 w	9 sw	8 sw	5 sw
Wind gust (km/h)	11	14	11	6	14	12	8
Hrs Of Sun	10 h	3 h	4 h	15 h	11 h	7 h	13 h
24 Hr Rain	<1 mm	-	-	-	-	-	-



2022 Cowichan Lake Level and River Flow Guidance Chart - Above Average snow pack



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