

## Houle, Brian (Crofton)

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**From:** Houle, Brian (Crofton)  
**Sent:** Monday, June 20, 2022 9:29 AM  
**To:** Houle, Brian (Crofton)  
**Subject:** Watershed Update: June 20, 2022

Good day,

Weather feels like a shift is happening.

Weatherman confirms this with finally dropping the prediction of mm of rainfall and replaced with “hours of sun”.

Lake remains at 100% full and 2/3rds of our snow pack remains to melt which should ensure we will not be short of water this summer.

While we are in the 7 cms river flow period, flow from lake remains elevated at 22 cms due to the high lake level.

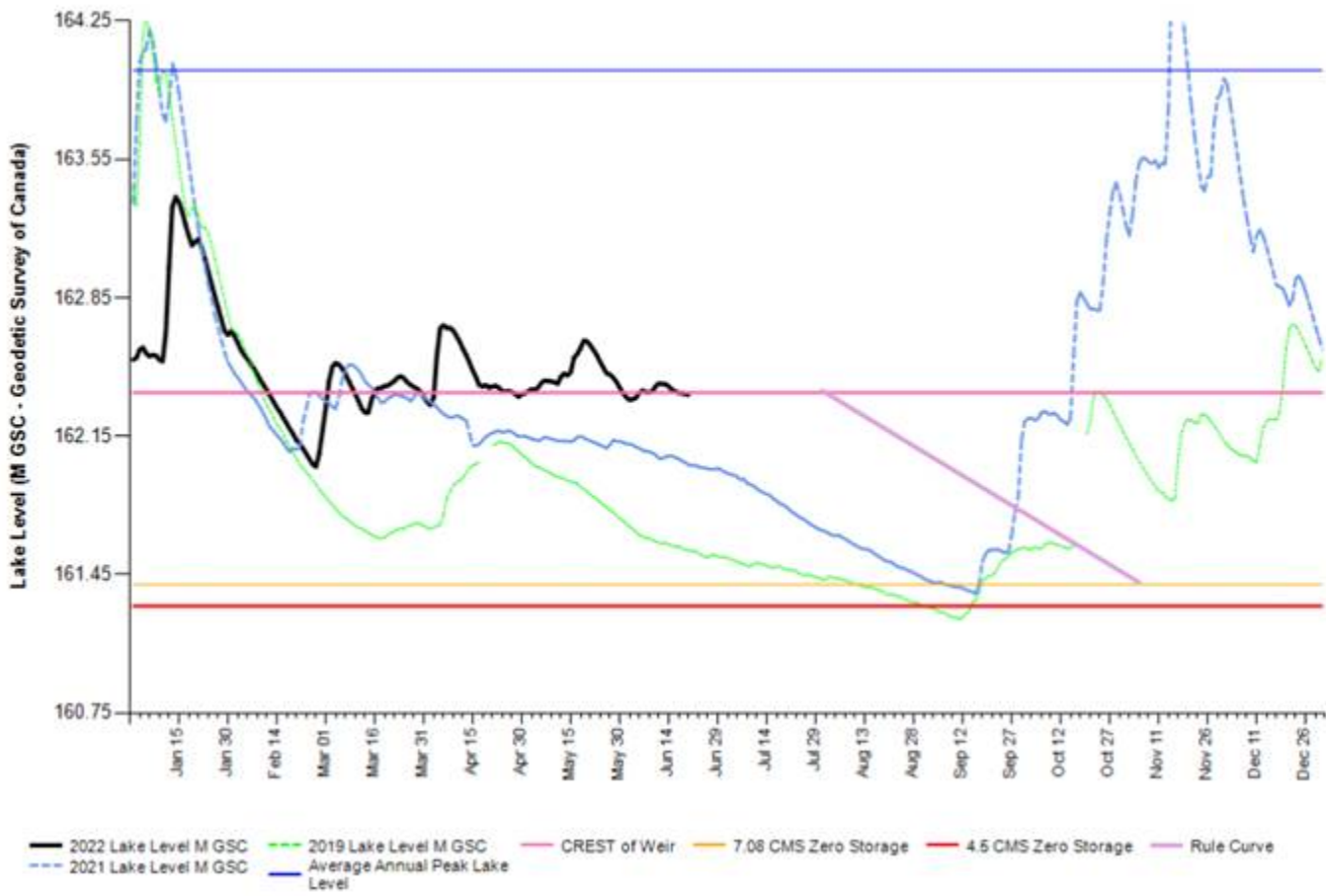
In 2019 and on this day the release flow from lake was 4.5 cms and lake level was 1/3 full – what a difference in conditions from 2019 to 2022.

As conditions finally dry out, lake level should begin to decline from 100% full and that will allow flow reductions to be made.

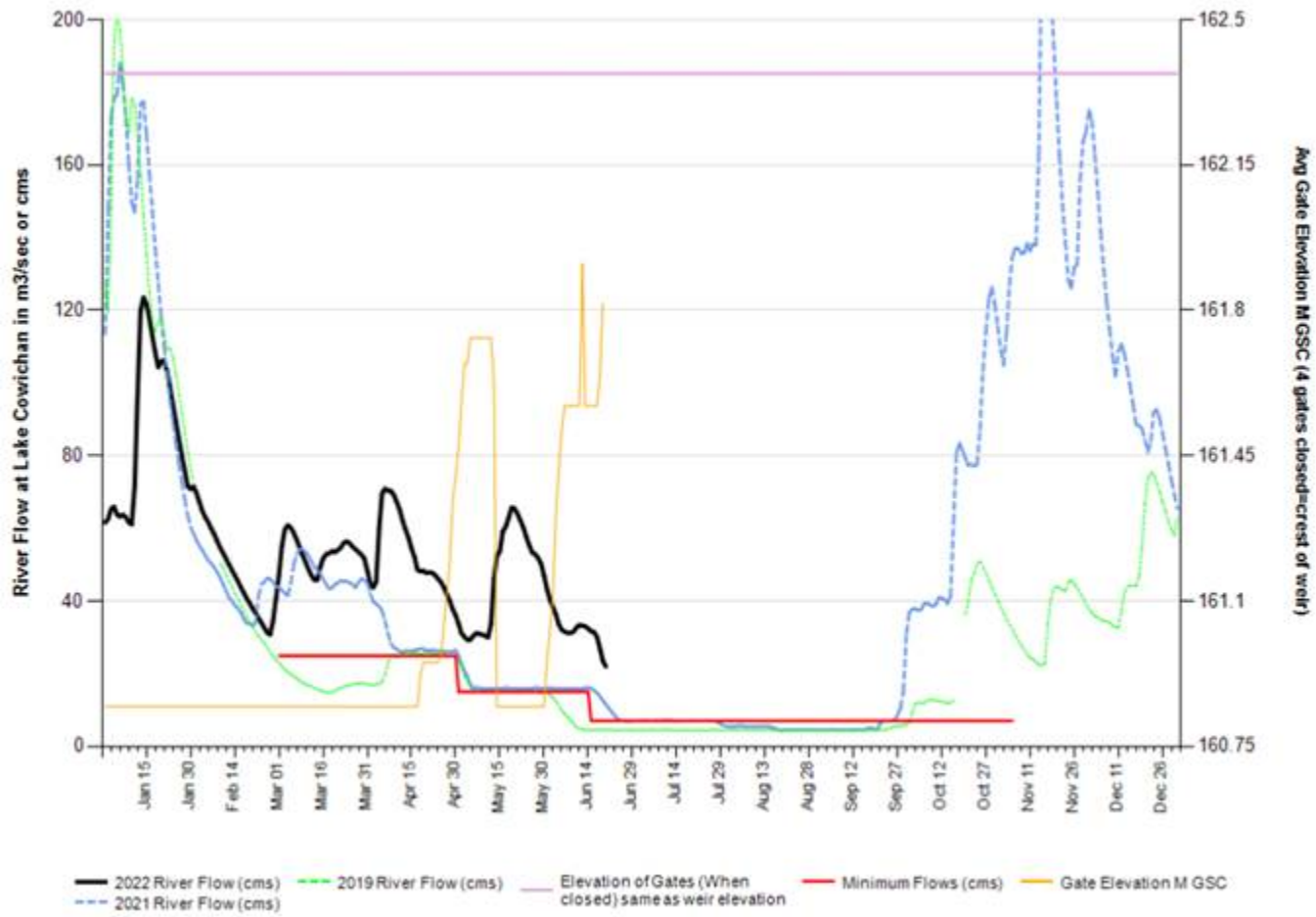
If conditions dry out, it will be a many days (weeks) before river flow is stabilized at summer base flow of 7 cms due to the 2/3rds of winter snow pack that remains to melt.

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)

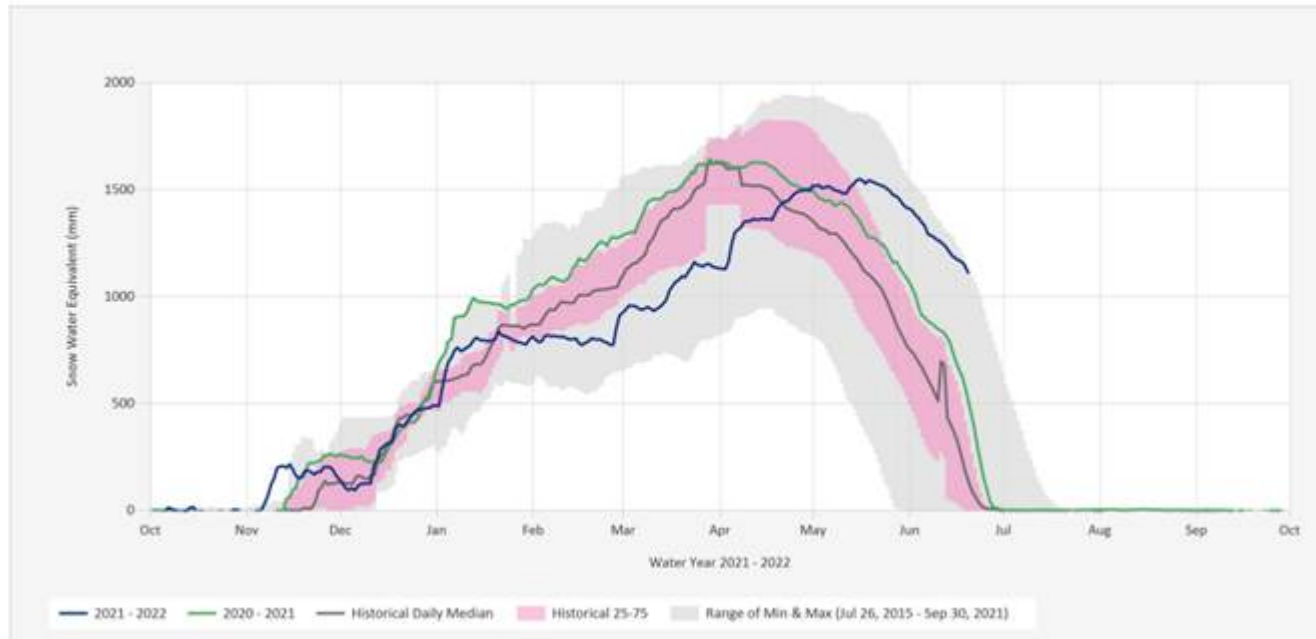


# Next 7 Days

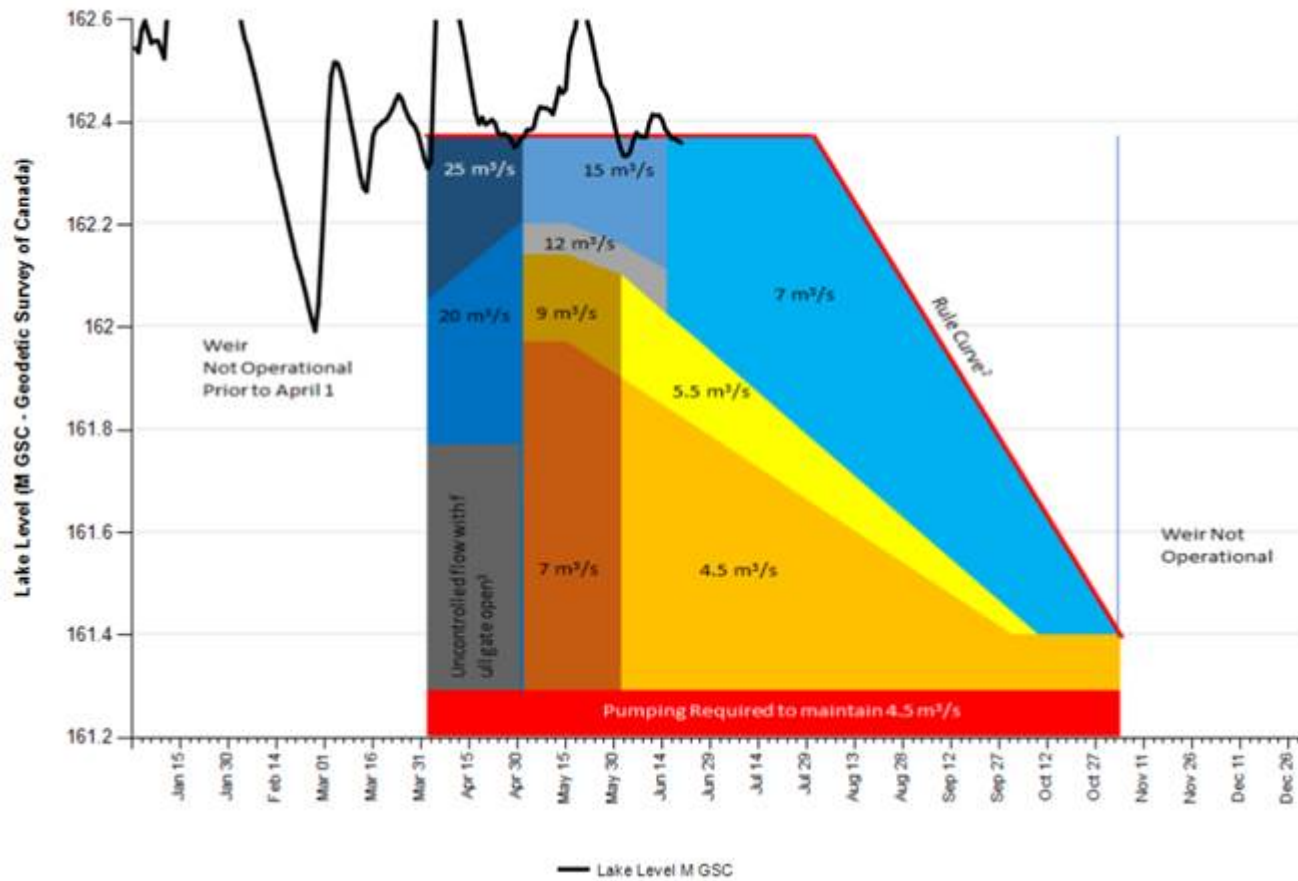


	Tue 06/21	Wed 06/22	Thu 06/23	Fri 06/24	Sat 06/25	Sun 06/26	Mon 06/27
	Mainly cloudy	A mix of sun and clouds	A mix of sun and clouds	Mainly sunny	A mix of sun and clouds	Sunny	Mainly sunny
	17°	19°	19°	24°	28°	30°	25°
Feels like	17	19	19	24	28	32	28
Night	12°	7°	9°	12°	15°	15°	13°
POP	30 %	30 %	20 %	10 %	20 %	10 %	30 %
Wind (km/h)	12 SW	12 W	6 NE	10 E	13 E	10 E	12 SW
Wind gust (km/h)	18	18	9	15	20	15	18
Hrs Of Sun	2 h	7 h	9 h	13 h	8 h	14 h	12 h

Source Data: SWDaily@3824P  
Location: Heather Mountain Upper, Latitude: 48.943875, Longitude: -124.452113, Elevation: : 1190 m



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



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