

## Houle, Brian (Crofton)

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**From:** Houle, Brian (Crofton)  
**Sent:** Tuesday, March 5, 2024 8:27 AM  
**To:** Houle, Brian (Crofton)  
**Subject:** Watershed Update: March 5, 2024

Good morning,

Conditions are holding in watershed with recent heavy rainfall that refilled the lake. While we are currently experiencing dry sunny cold conditions, rain is coming. Forecast indicates we could see over 100 mm of rain in Town of Lake Cowichan in coming 7 days. Hopefully the cooler weather holds and we accumulate some snow base in the mountains as well as higher lake levels.

2024, with snow pack as low as it is, continues to be a serious concern for water and concern for the fish, given how last summer progressed with major fish kill in July.

Extra focus on the watershed is currently being provided as we resolve if there is benefit of early control this year.

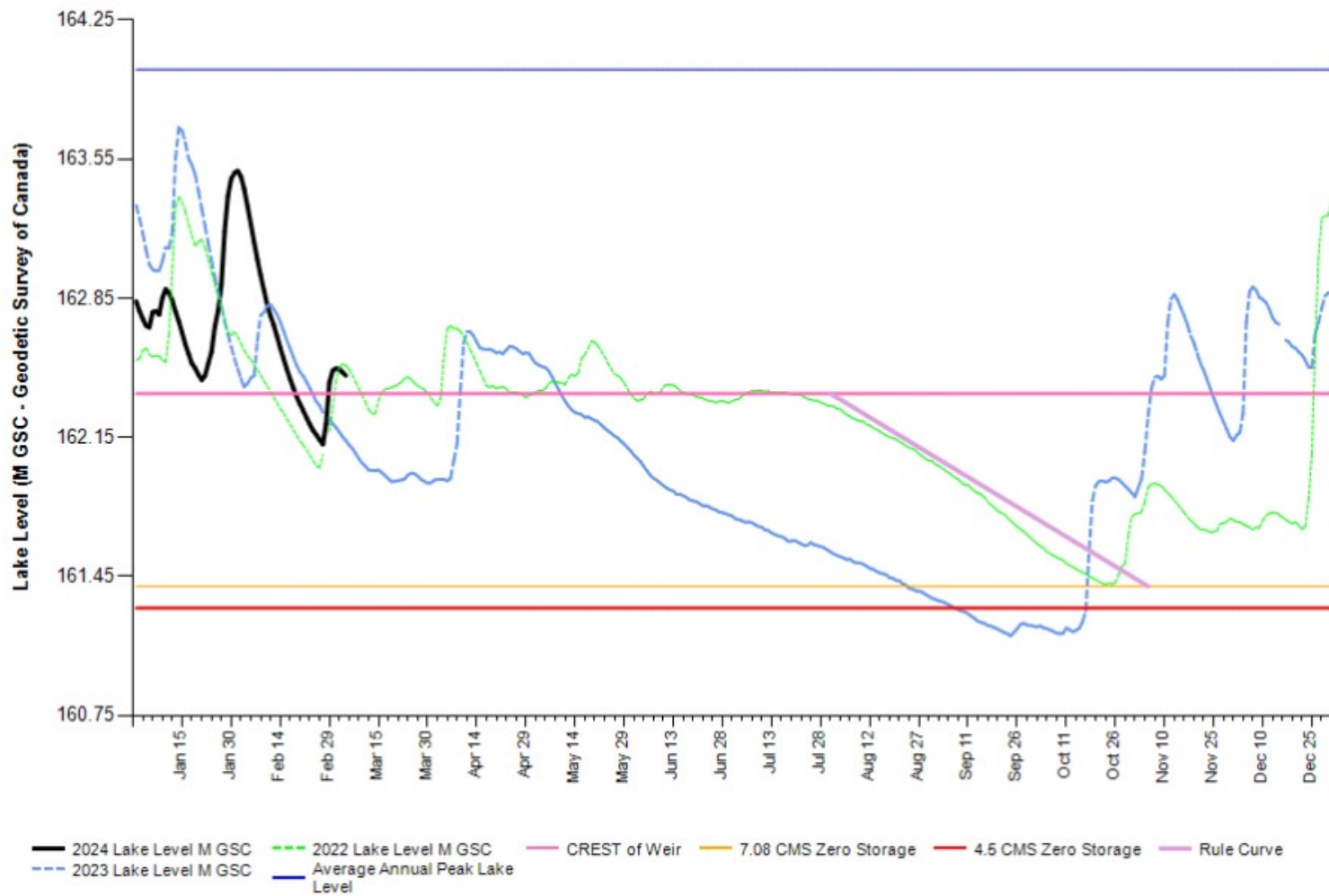
Catalyst is not authorized to begin to control the lake level / river flow until April 1 but given the low snow pack, we may need to do things differently this year.

I will keep you all posted on any changes but with lake overfull currently, and with so much rainfall predicted in coming 7 days, we can continue to monitor to see how the lake level changes and work from there.

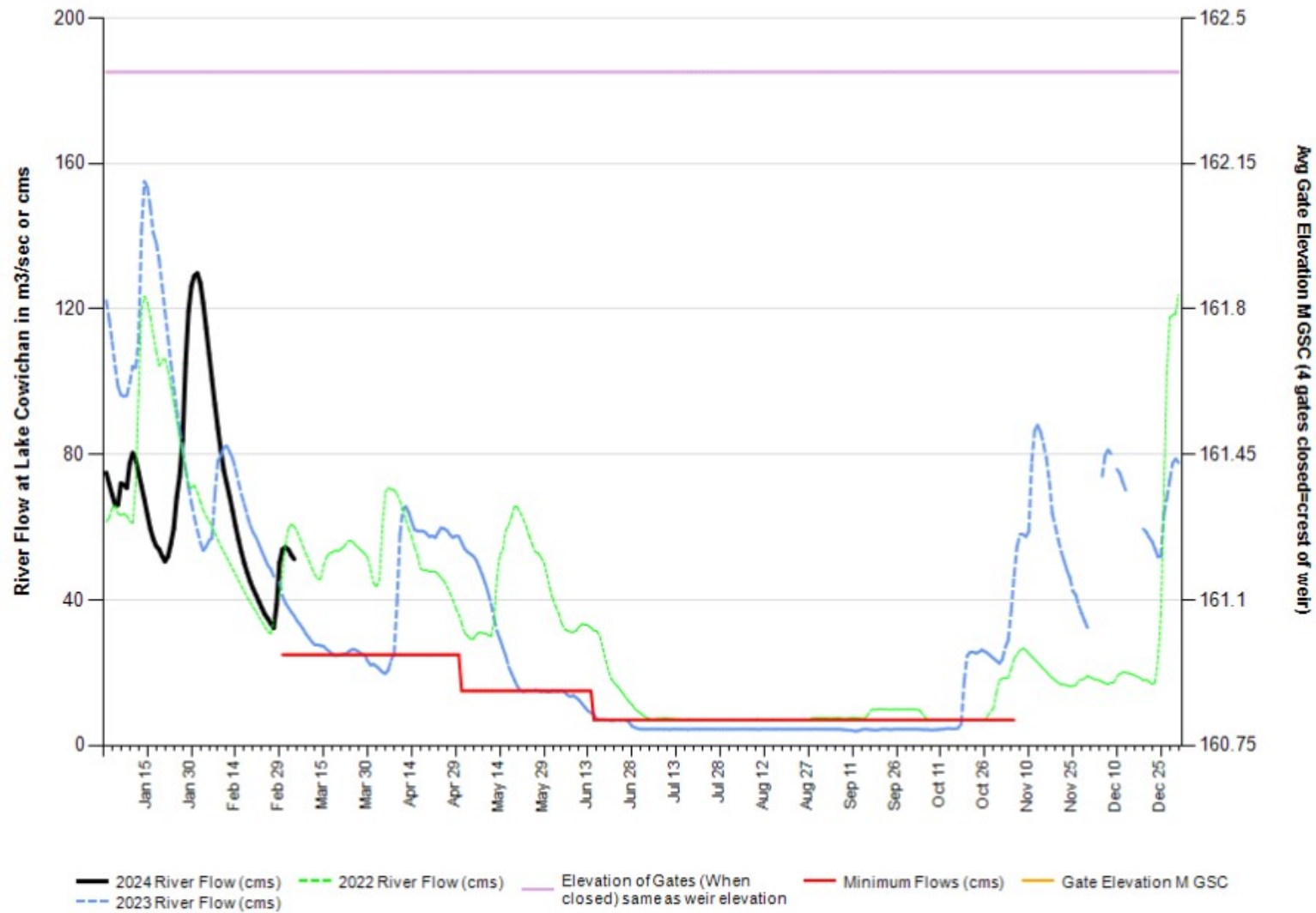
Given the concern for the watershed, a special meeting with regulators and Cowichan Tribes was held to discuss how weir operations could improve for 2024 and a follow-up meeting is planned for next week.

Regards,  
Brian

2024 Cowichan Lake Level - 2024 (Black) & 2023 (Blue) & 2022 (Green)

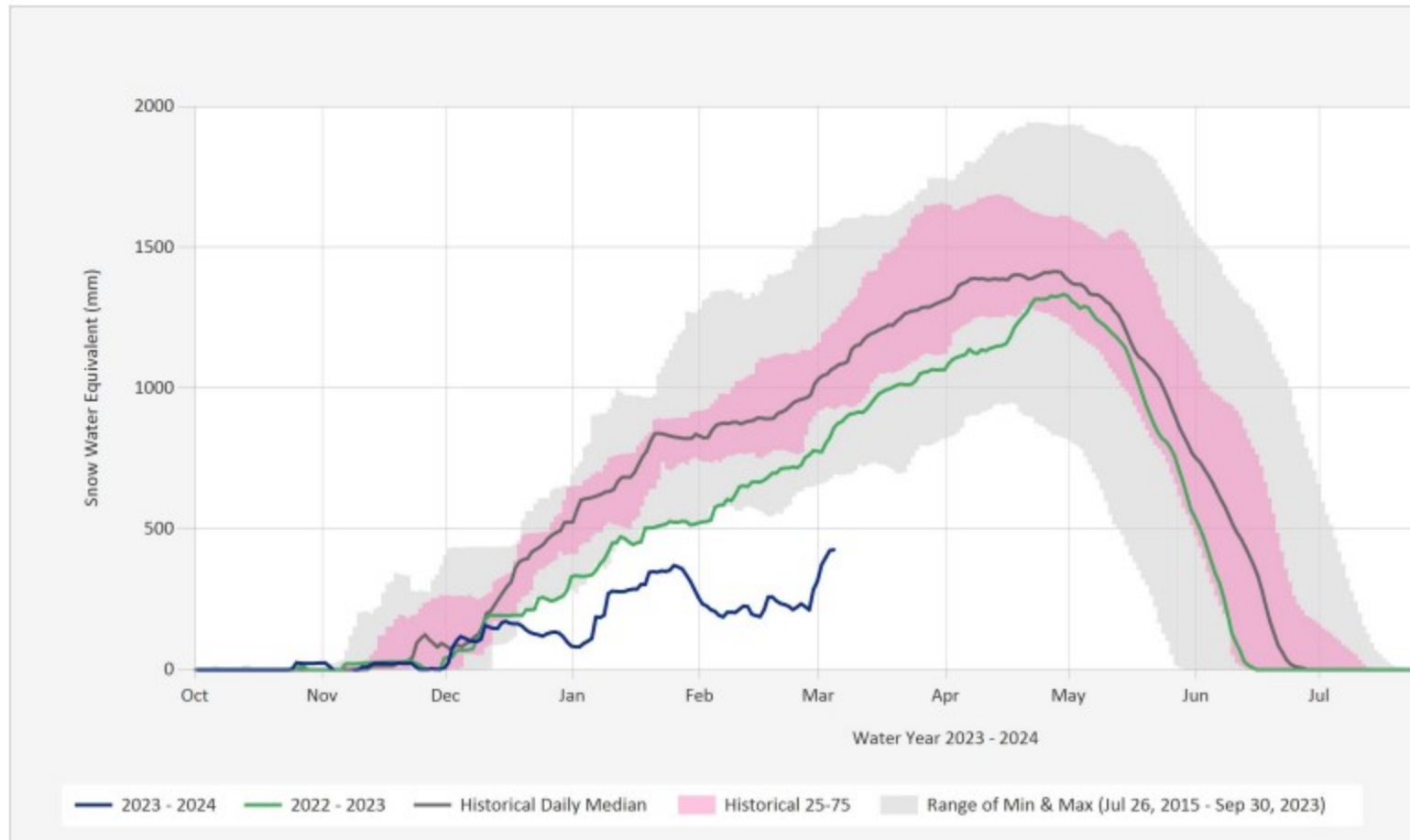


2024 Cowichan River Flow - 2024 (Black) & 2023 (Blue) & 2022 (Green)

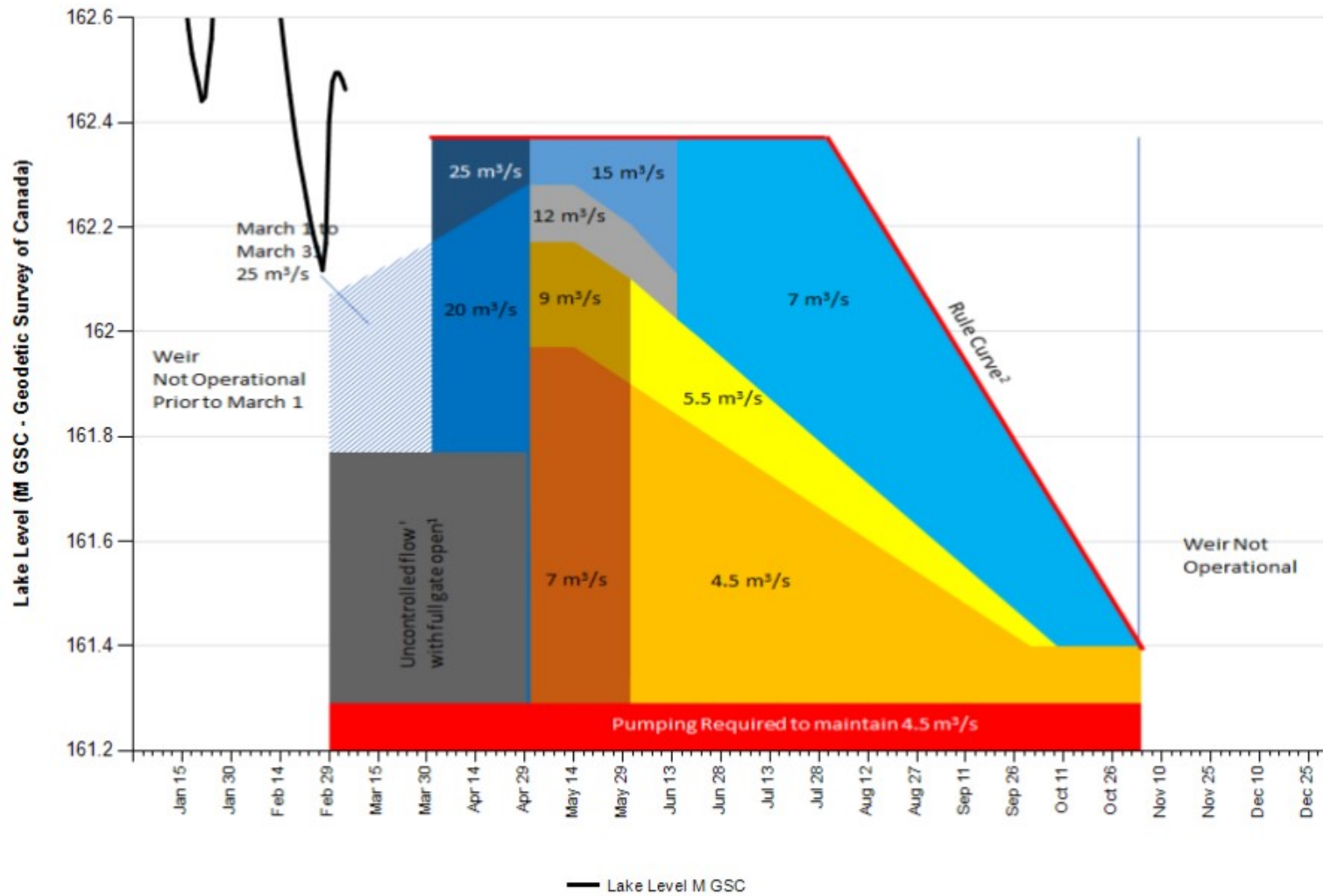


Source Data: SW.Daily@3B24P

Location: Heather Mountain Upper, Latitude: 48.943875, Longitude: -124.452113, Elevation: : 1190 m



2024 Cowichan Lake Level and River Flow Guidance Chart - Below Average snow pack



## Next 7 Days



	<b>Wed</b> 03/06 Cloudy with sunny breaks  4°	<b>Thu</b> 03/07 A mix of sun and clouds  7°	<b>Fri</b> 03/08 Rain  4°	<b>Sat</b> 03/09 Rain  5°	<b>Sun</b> 03/10 Rain  5°	<b>Mon</b> 03/11 Light rain  6°	<b>Tue</b> 03/12 Rain  7°
Feels like	3	5	3	3	4	5	6
Night	-3°	2°	3°	2°	4°	4°	2°
POP	30 %	30 %	70 %	70 %	60 %	60 %	60 %
Wind (km/h)	8 NE	12 E	8 E	17 SW	9 S	6 SE	9 SE
Wind gust (km/h)	12	18	12	26	14	9	14
Hrs Of Sun	3 h	4 h	0 h	1 h	0 h	2 h	2 h
24 Hr Rain	-	1-3 mm	15 - 20 mm	15 - 20 mm	15 - 20 mm	10-15 mm	~25 mm



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