

Houle, Brian (Crofton)

From: Houle, Brian (Crofton)
Sent: Tuesday, May 24, 2022 3:35 PM
To: Houle, Brian (Crofton)
Subject: Watershed Update May 24, 2022

Good day everyone,

Cold and wet continues to be the theme with some sunshine for Victoria Day weekend that was appreciated.

The dry weather has caused lake level to decline again and in coming days will be in range where Catalyst can return to control of river flow.

Wet weather is still predicted but you can see much smaller amount of rainfall predicted so expect mostly cloudy weather.

Snow pack is just peaking and a full month or more later than we normally expect the peak of snow pack for the year.

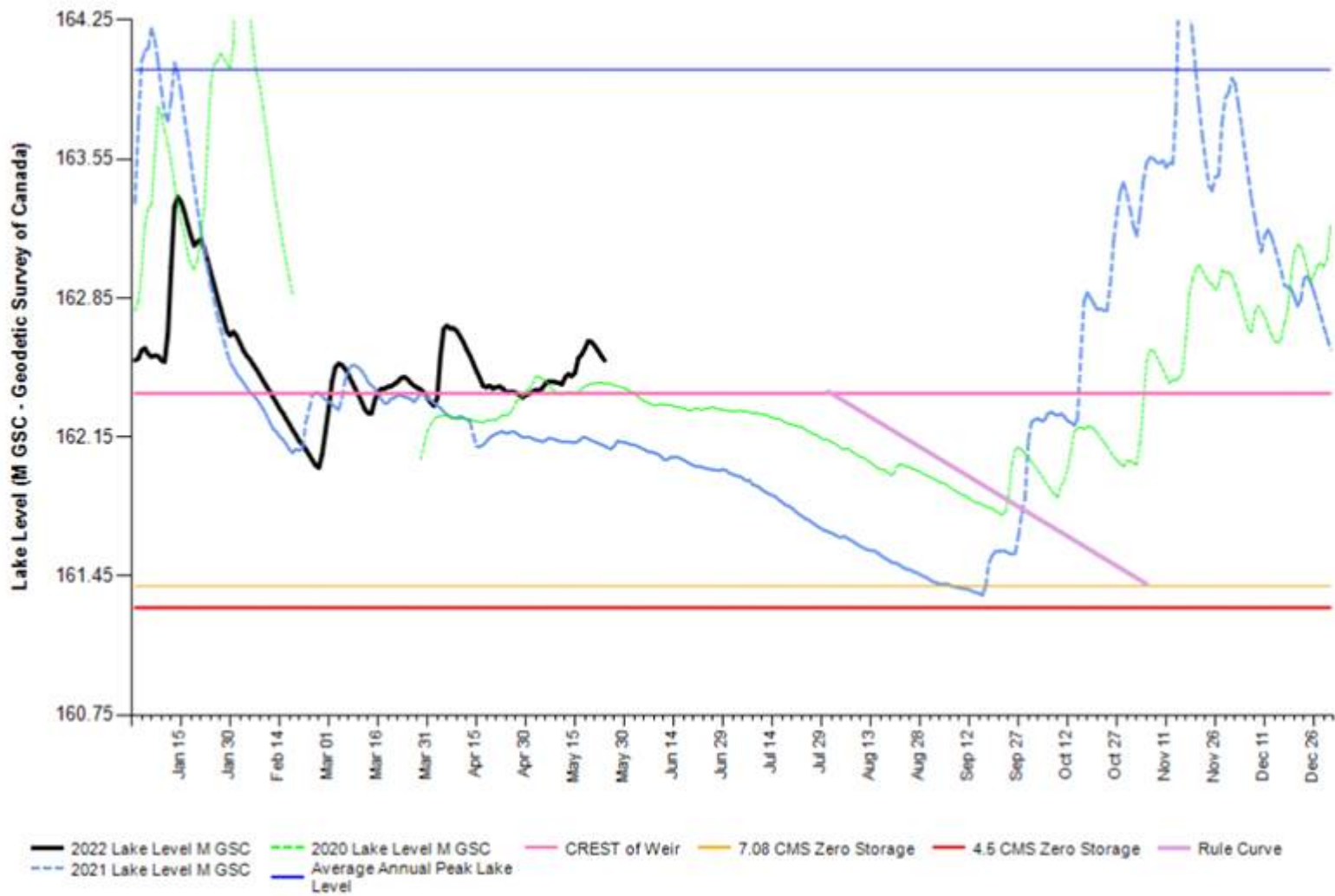
It is helpful for our summer flow conditions if the snow pack melting begins later in the year like it is doing this year.

Snow pack is our slow release water storage and if snow pack melts too early in the year, we are less able to save that water in the lake for later release in the summer.

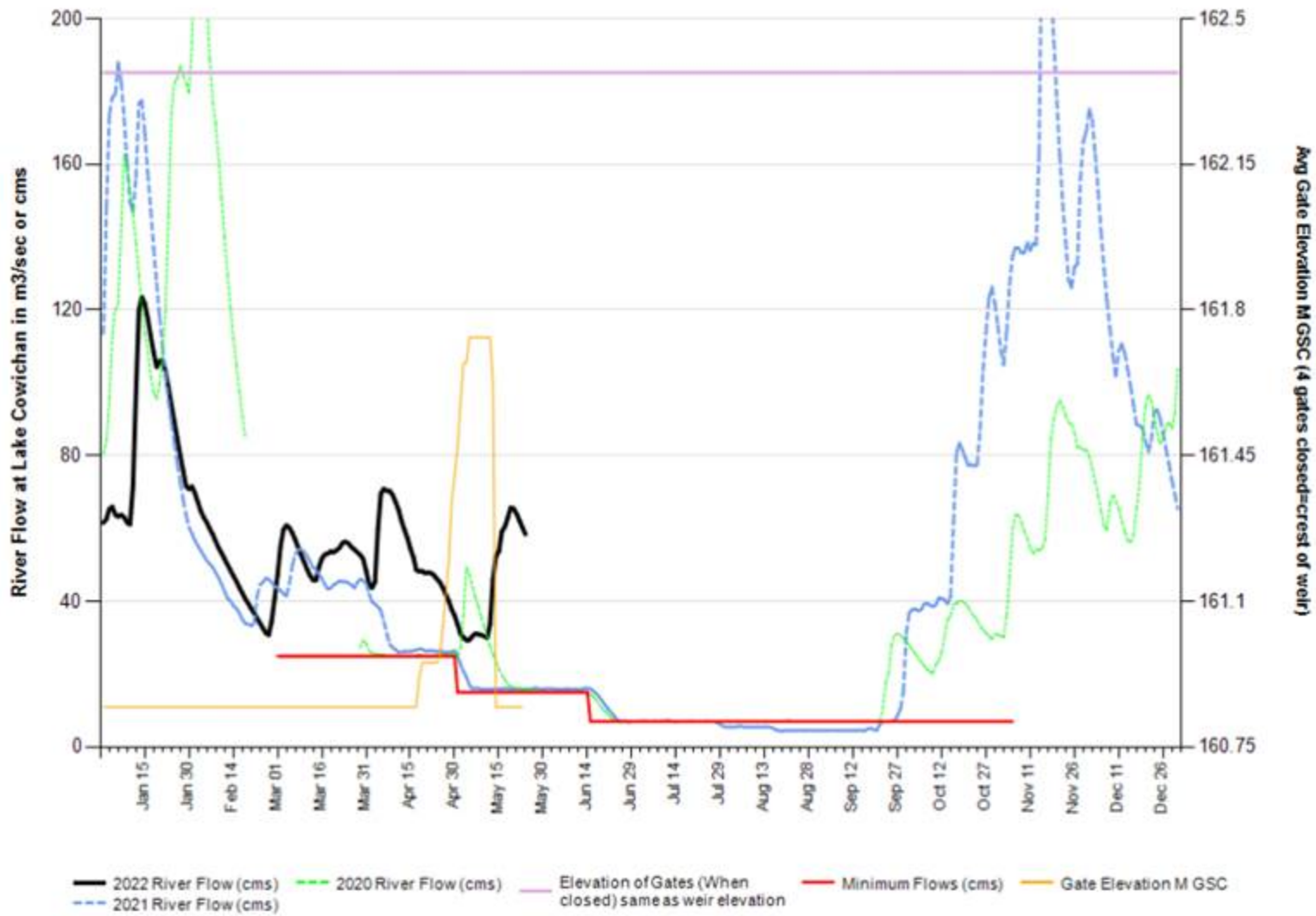
With the proposed new higher weir, summer flows are more secure due to our ability to store more of the snow melt water in the lake regardless of when the snow melt begins.

Regards,
Brian Houle
Manager, Environment
Catalyst Crofton
250-245-6236

2022 Cowichan Lake Level - 2022 (Black) & 2021 (Blue) & 2020 (Green)



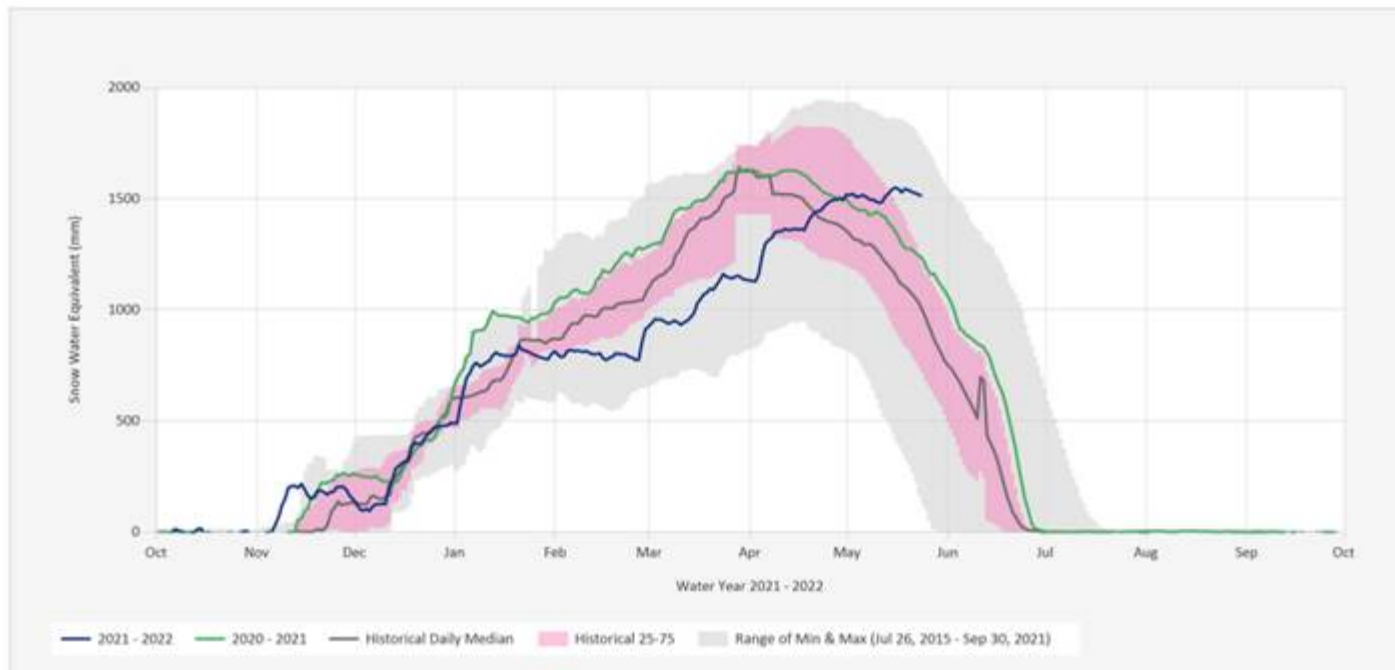
2022 Cowichan River Flow - 2022 (Black) & 2021 (Blue) & 2020 (Green)



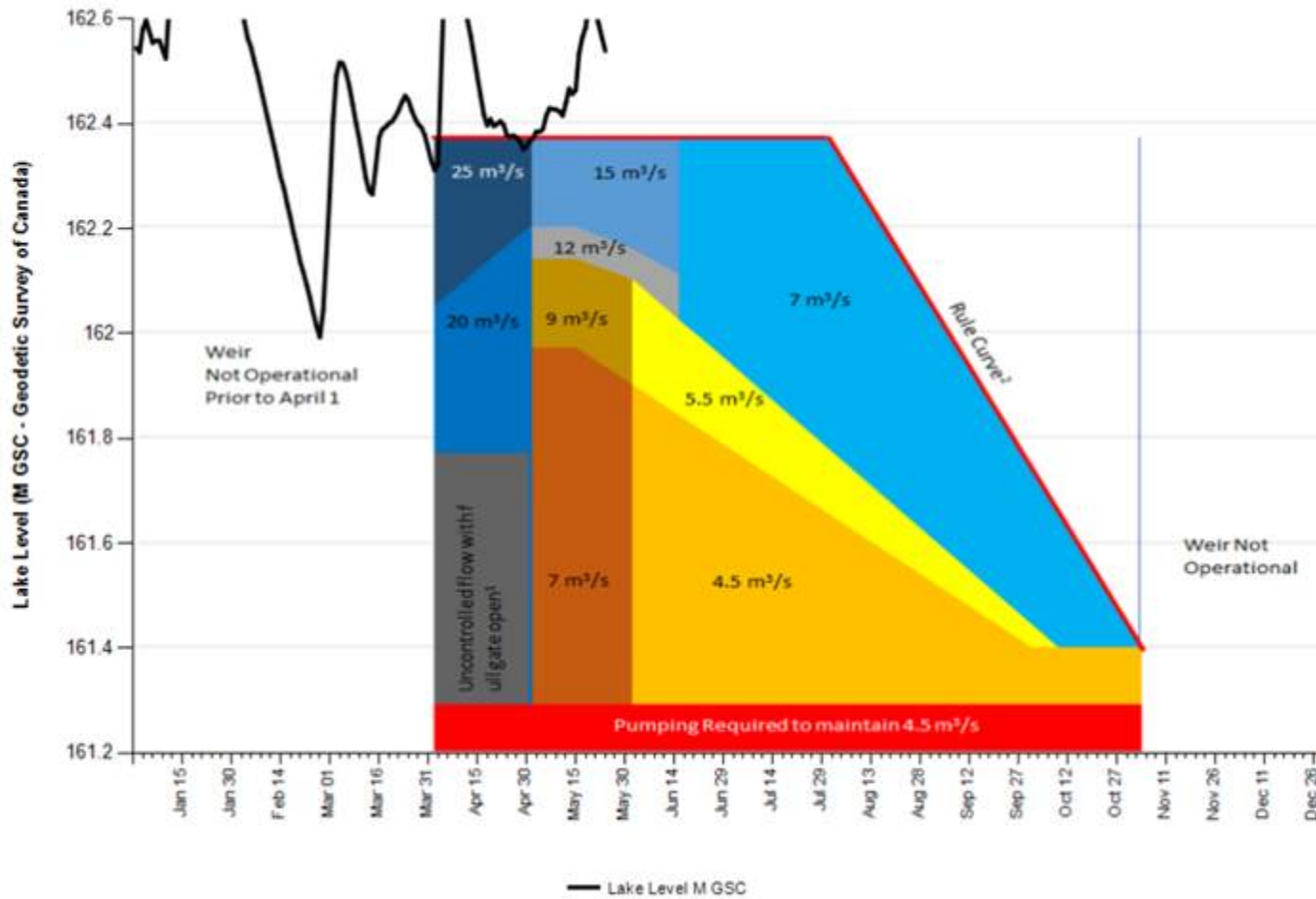
Next 7 Days



	Wed 05/25 Cloudy with showers  14°	Thu 05/26 Light rain  14°	Fri 05/27 Light rain  11°	Sat 05/28 Cloudy with showers  12°	Sun 05/29 Cloudy with showers  14°	Mon 05/30 A mix of sun and clouds  16°	Tue 05/31 Cloudy with sunny breaks  18°
Feels like	14	14	10	11	14	16	19
Night	8°	8°	5°	7°	6°	6°	8°
POP	40 %	70 %	70 %	40 %	60 %	30 %	40 %
Wind (km/h)	11 SW	8 E	12 SW	9 NE	8 W	9 SW	4 SE
Wind gust (km/h)	17	12	18	14	12	14	6
Hrs Of Sun	2 h	0 h	2 h	1 h	2 h	5 h	3 h
24 Hr Rain	<1 mm	~5 mm	~5 mm	~1 mm	~1 mm	-	-



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



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