

Houle, Brian (Crofton)

From: Houle, Brian (Crofton)
Sent: Monday, May 2, 2022 1:38 PM
To: Houle, Brian (Crofton)
Subject: Cowichan Watershed Update: May 2, 2022

Good day everyone,

Wet and cold weather continues and with that kind of weather, lake level is being sustained at 100% full for now.

I have heard the cool wet weather has caused our gardens to be 3 weeks delayed from our normal spring while our fish have excellent growing conditions currently.

The wet weather continues to top up our snow pack and snow pack is now about average and much improved over recent weeks.

With snow pack moving from below average snowpack to average snow pack, conditions continue to improve and flow reductions in river are not needed at this time.

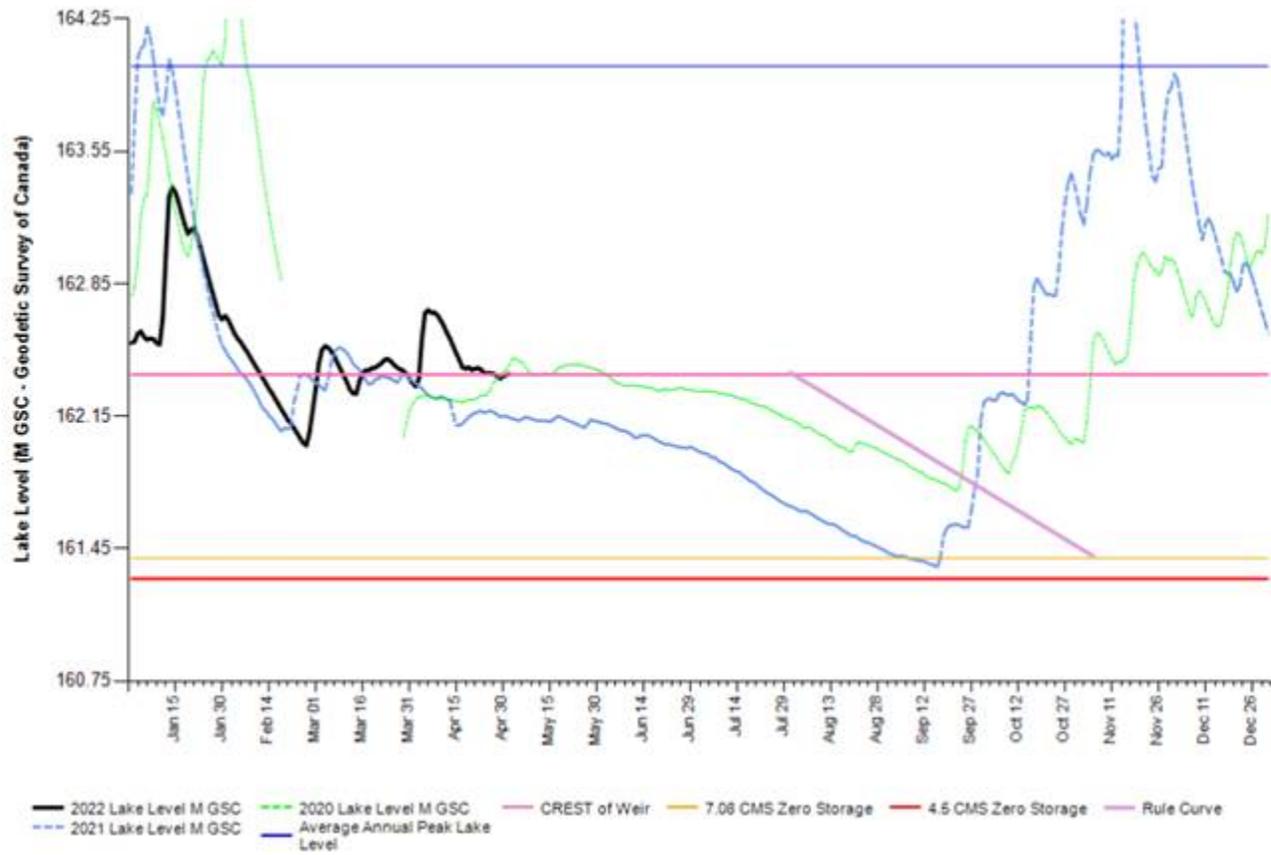
River flow releasing from the lake is currently 33 cms with 43 cms passing by Duncan due to rainfall and inflows.

The current ideal flow for the Cowichan River is 15 cms and with high lake levels and snow melt coming, flow will likely remain above 15 cms for most of May. It is only after the snow melt has concluded that better insight into water inventory can then be used to judge if lake level can support 7 cms for remainder of dry season.

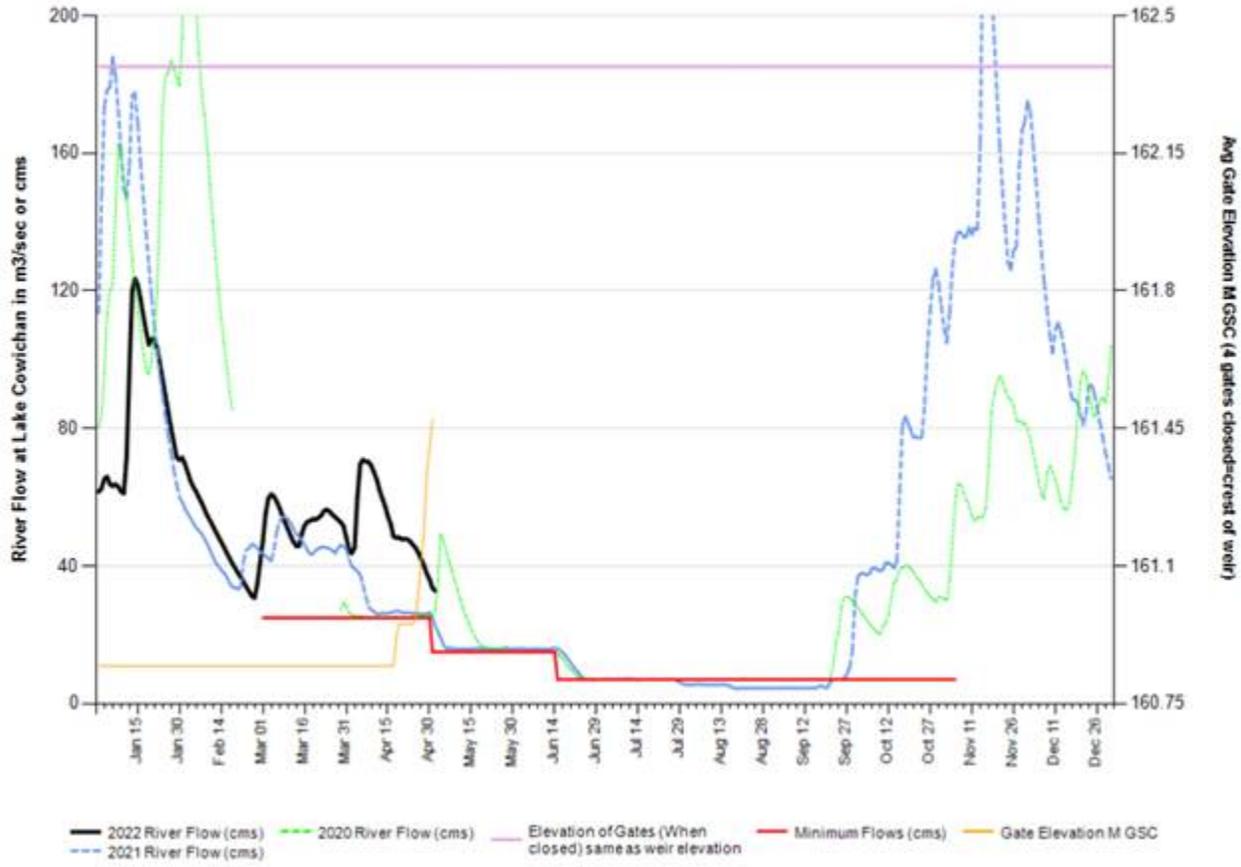
While it is not expected that a flow reduction to below 7 cms would be needed this summer, that is still possible and depends on ongoing rainfall and weather conditions.

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

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



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

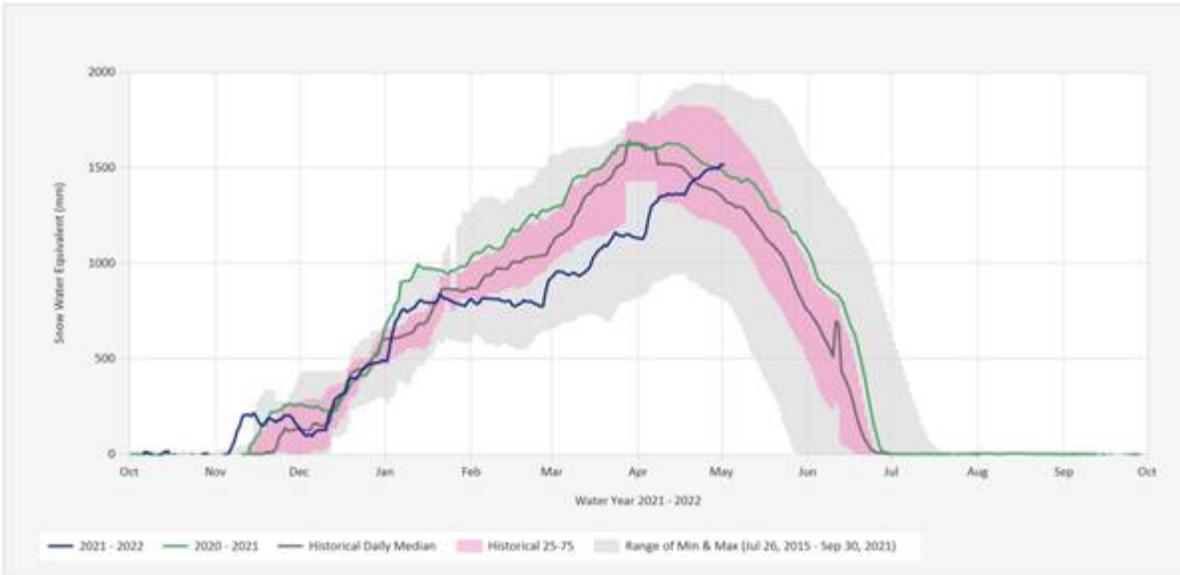


Next 7 Days

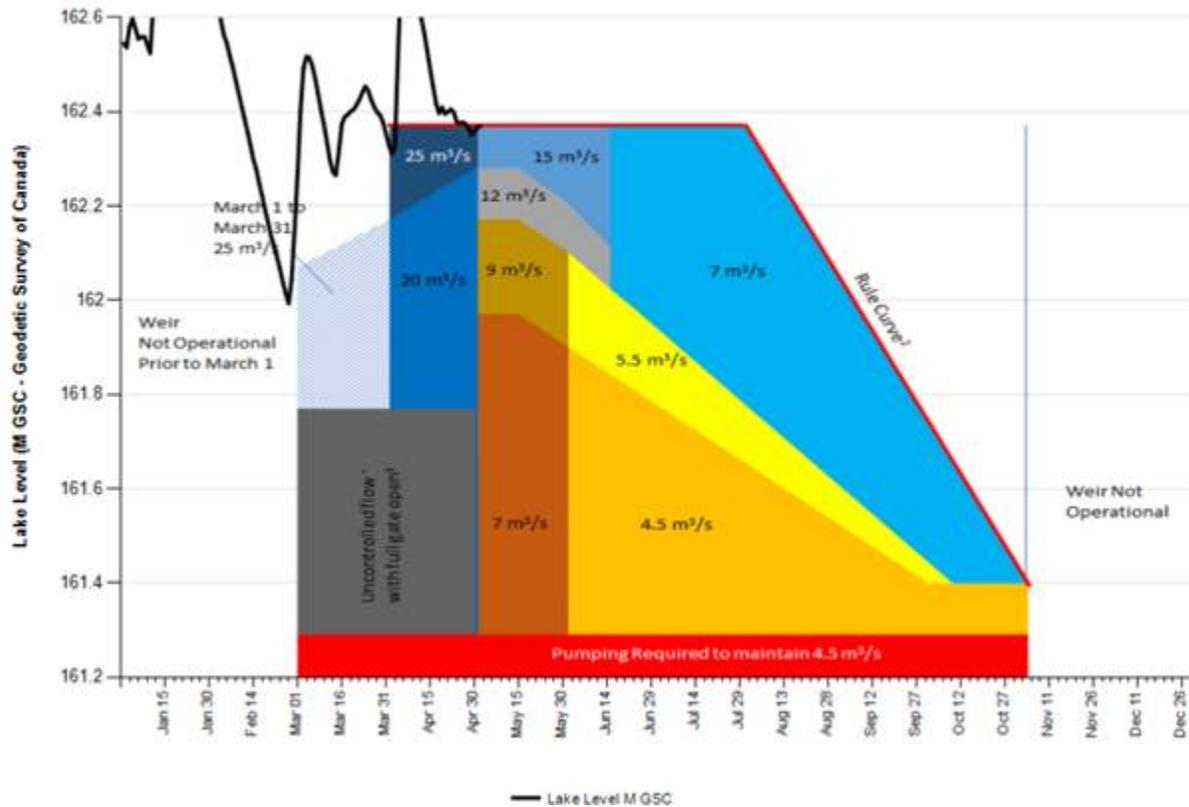


	Tue 05/03	Wed 05/04	Thu 05/05	Fri 05/06	Sat 05/07	Sun 05/08	Mon 05/09
	Light rain	Cloudy with showers	Light rain	Rain	Light rain	A mix of sun and clouds	Chance of a shower
	10°	11°	10°	10°	10°	10°	12°
Feels like	8	11	9	10	7	9	12
Night	5°	6°	6°	6°	3°	3°	3°
POP	70 %	70 %	80 %	70 %	60 %	30 %	40 %
Wind (km/h)	11 SW	7 S	17 SW	14 S	22 W	10 N	4 N
Wind gust (km/h)	17	11	26	21	33	15	6
Hrs Of Sun	2 h	1 h	3 h	0 h	2 h	5 h	5 h
24 Hr Rain	2-4 mm	~10 mm	5-10 mm	20 - 25 mm	1-3 mm	-	<1 mm

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 - Below Average snow pack



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