

## Houle, Brian (Crofton)

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**From:** Houle, Brian (Crofton)  
**Sent:** Monday, April 11, 2022 10:55 AM  
**To:** Houle, Brian (Crofton)  
**Subject:** Cowichan Watershed Update: April 11, 2022

Good day,

Conditions remain very good with watershed.

Wet weather has both lifted lake level to well above full supply and snow pack continues to grow.

Snow pack rise in recent days has brought level to just above the 25<sup>th</sup> % level.

While snow pack remains below average, at 1,375 mm snow water equivalent, the level is 92% of an average snow pack and still substantial snow pack to help us sustain higher river flows through dry season.

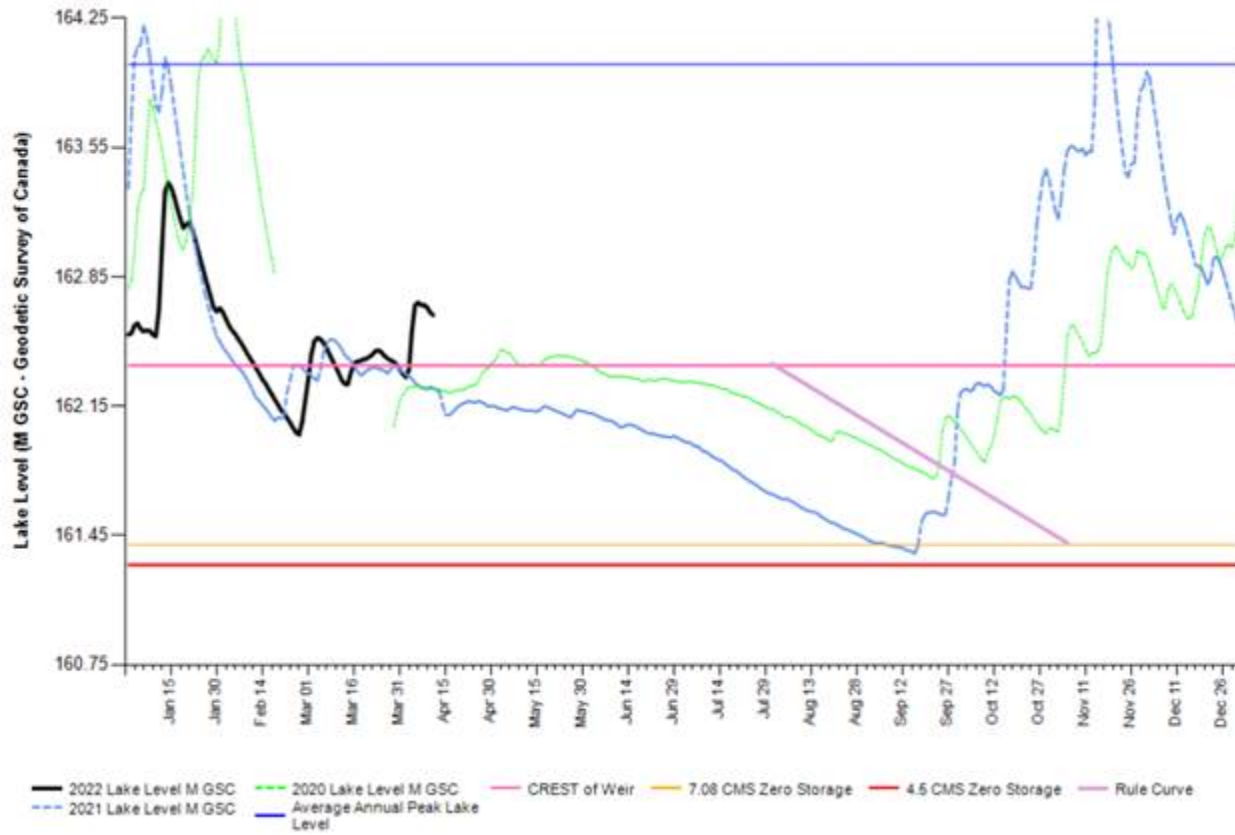
Weather forecast continues to show rainfall but not much rainfall in coming week.

The weir remains off control while the lake level is this high.

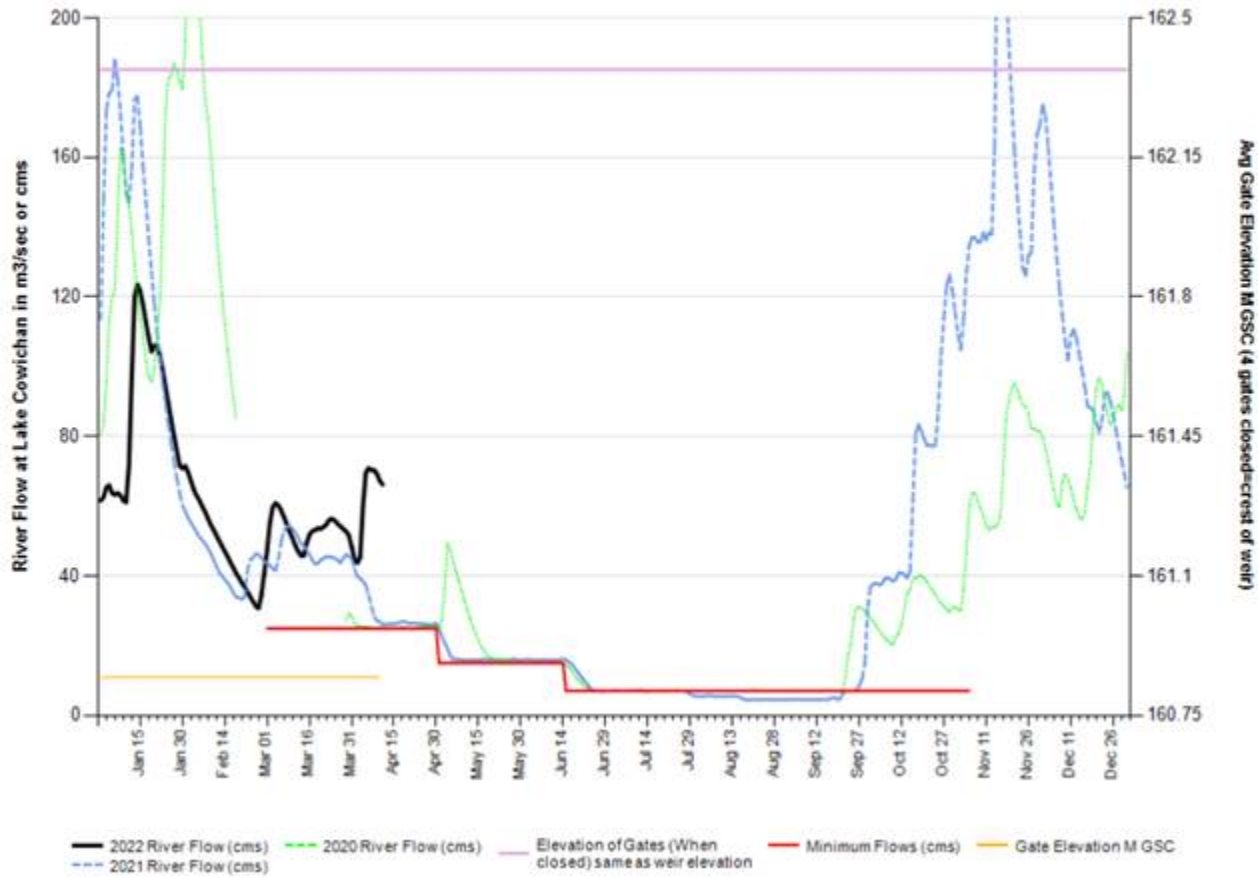
As lake level drops to full supply, the weir operator will again be storing water with use of the weir control gates.

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)

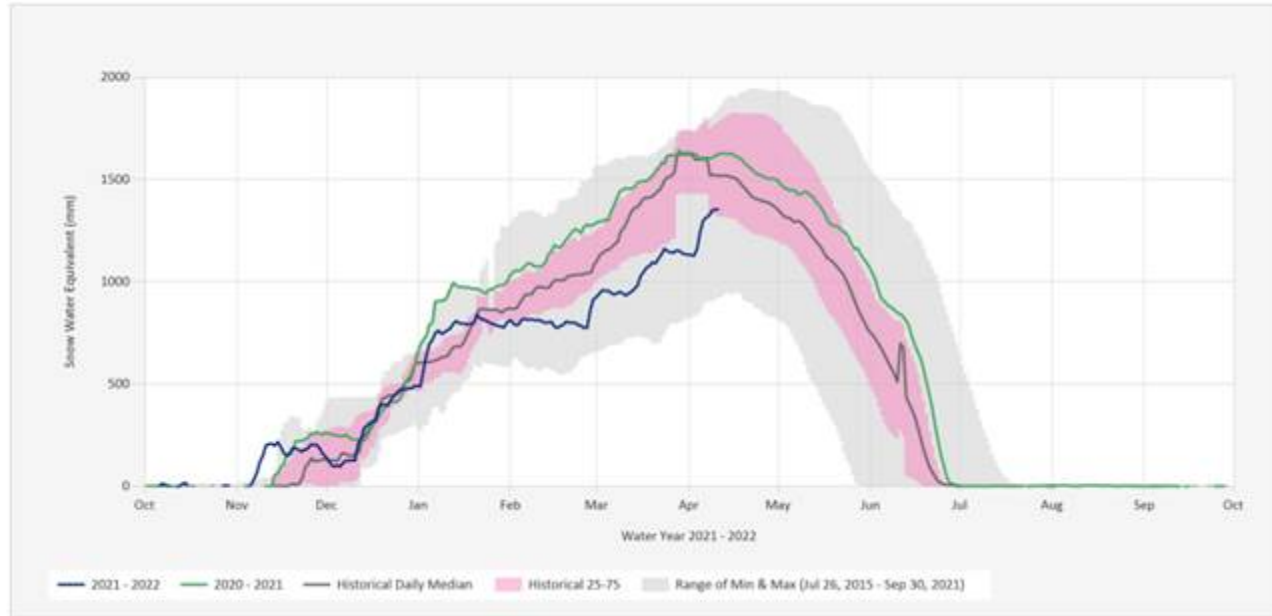


## Next 7 Days

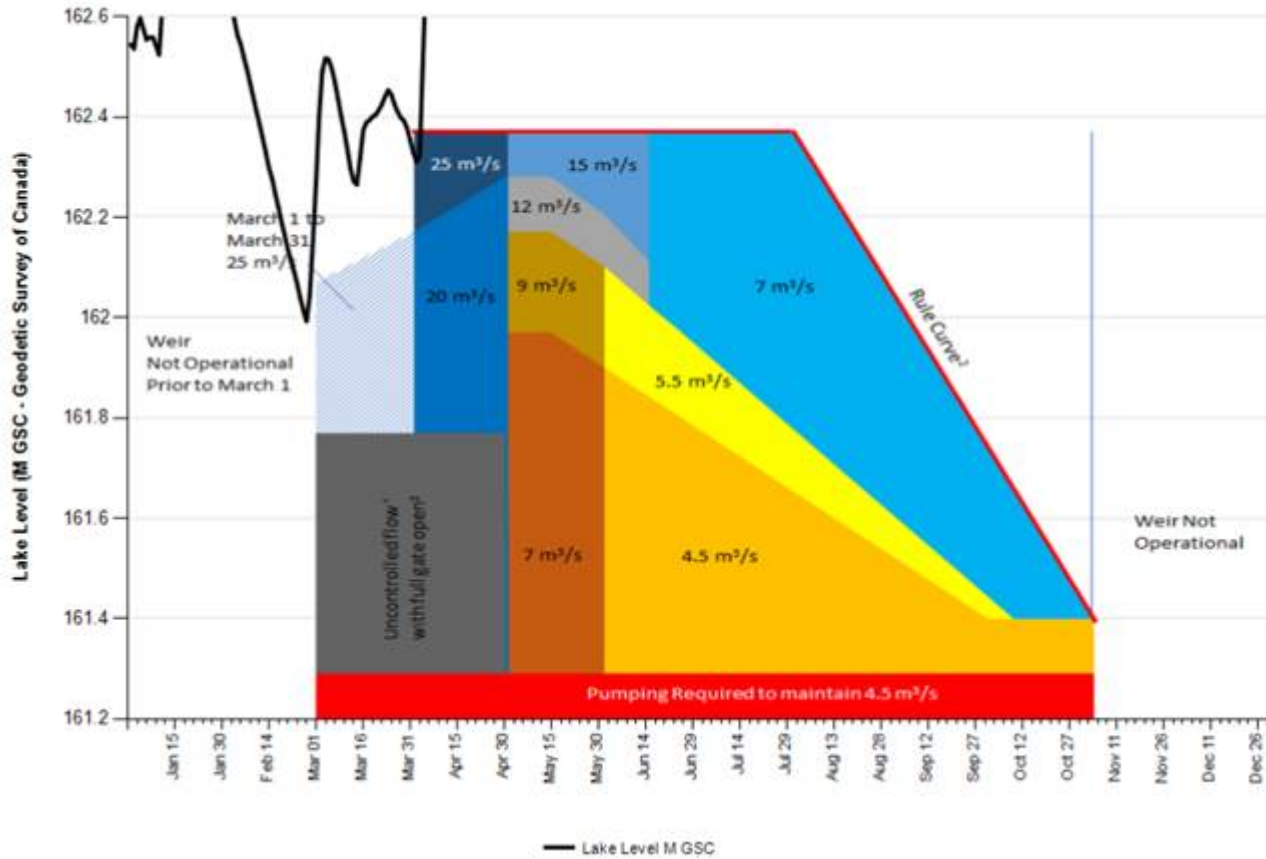


|                  | <b>Tue</b><br>04/12<br>Mixed precipitation<br> | <b>Wed</b><br>04/13<br>A mix of sun and clouds<br> | <b>Thu</b><br>04/14<br>Mixed precipitation<br> | <b>Fri</b><br>04/15<br>A Few showers<br> | <b>Sat</b><br>04/16<br>Snow-rain showers<br> | <b>Sun</b><br>04/17<br>A mix of sun and clouds<br> | <b>Mon</b><br>04/18<br>Cloudy with showers<br> |
|------------------|---|---|---|---|---|---|---|
|                  | 4°  | 6°  | 6°  | 7°  | 9°  | 9°  | 10°   |
| Feels like       | 1   | 5   | 4   | 6   | 8   | 8   | 9   |
| Night            | 1°  | 0°  | 0°  | 1°  | 2°  | 2°  | 3°  |
| POP              | 80 %  | 30 %  | 60 %  | 60 %  | 40 %  | 40 %  | 40 %  |
| Wind (km/h)      | 18 E  | 14 E  | 11 E  | 7 s   | 14 w  | 9 s   | 18 E  |
| Wind gust (km/h) | 27  | 21  | 17  | 11  | 21  | 14  | 27  |
| Hrs Of Sun       | 2 h   | 5 h   | 3 h   | 6 h   | 7 h   | 7 h   | 4 h   |
| 24 Hr Rain       | 2-4 mm  | -   | ~1 mm   | ~5 mm   | ~1 mm   | ~1 mm   | <1 mm   |
| 24 Hr Snow       | <1 cm   | <1 cm   | ~1 cm   | <1 cm   | <1 cm   | -   | -   |

Source Data: SW:Daily@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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