

## Houle, Brian (Crofton)

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**From:** Houle, Brian (Crofton)  
**Sent:** Monday, May 9, 2022 9:11 AM  
**To:** Houle, Brian (Crofton)  
**Subject:** Watershed Update May 9, 2022

Good day everyone,

Conditions remain excellent for lake and river for this coming dry season.

Snow pack trend for Nanaimo watershed included this week to illustrate our shift from below average to above average snow pack in both watersheds.

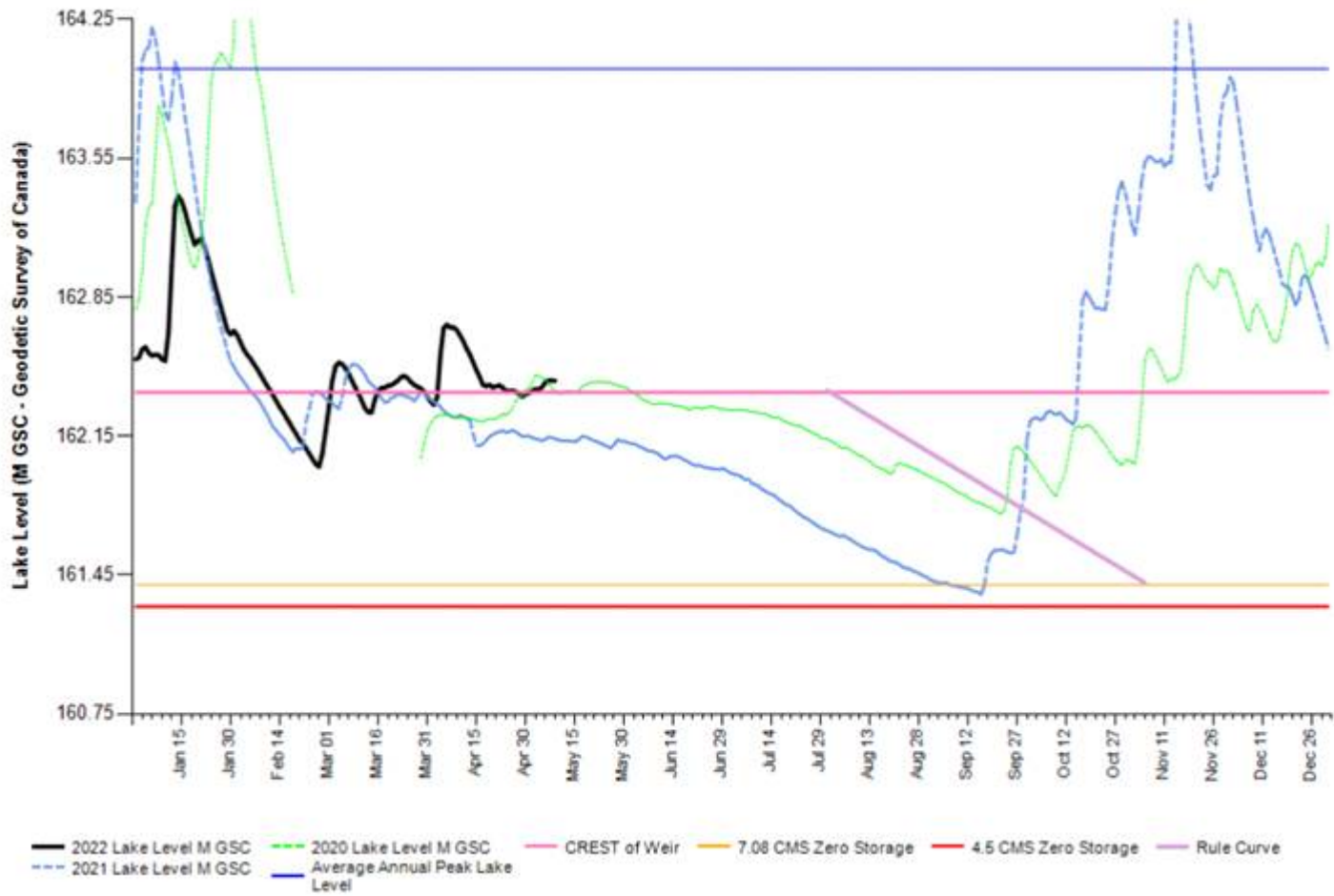
River flow from lake is still elevated at 31 cubic meters per second (cms) while seasonal ideal flow is at least 15 cms until June 15<sup>th</sup>.

Lake level remains at 100% full and in this condition, release flow from lake cannot be reduced.

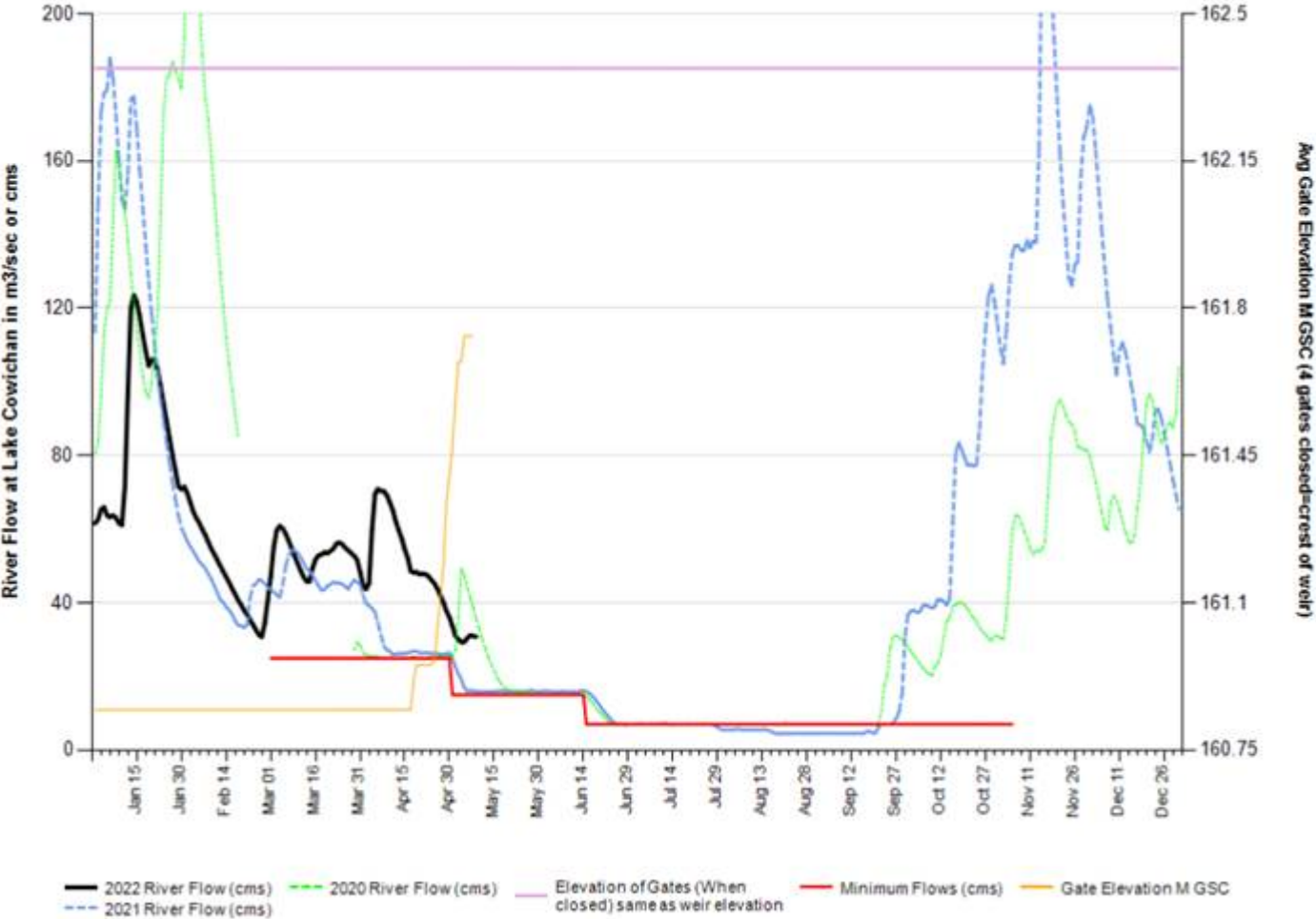
If rainfalls arrive this week as predicted, it is possible weir will be returned to off control due to too much water in lake.

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)

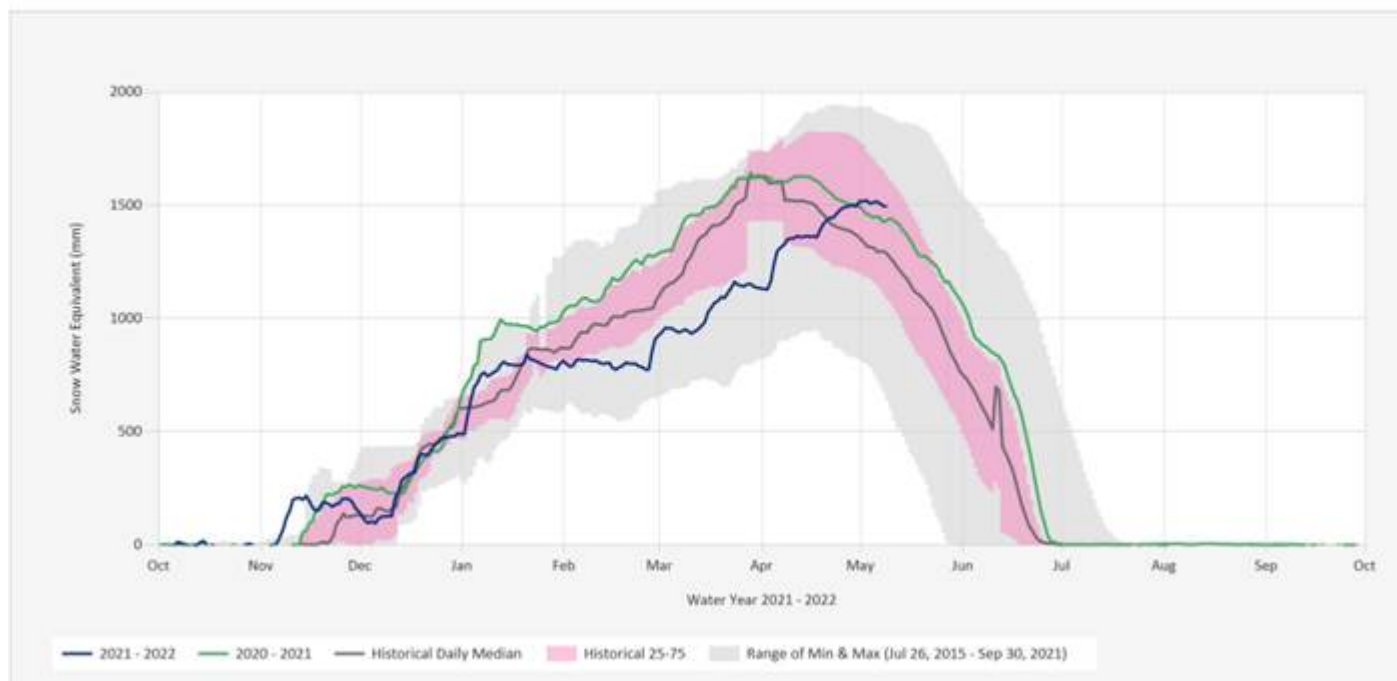


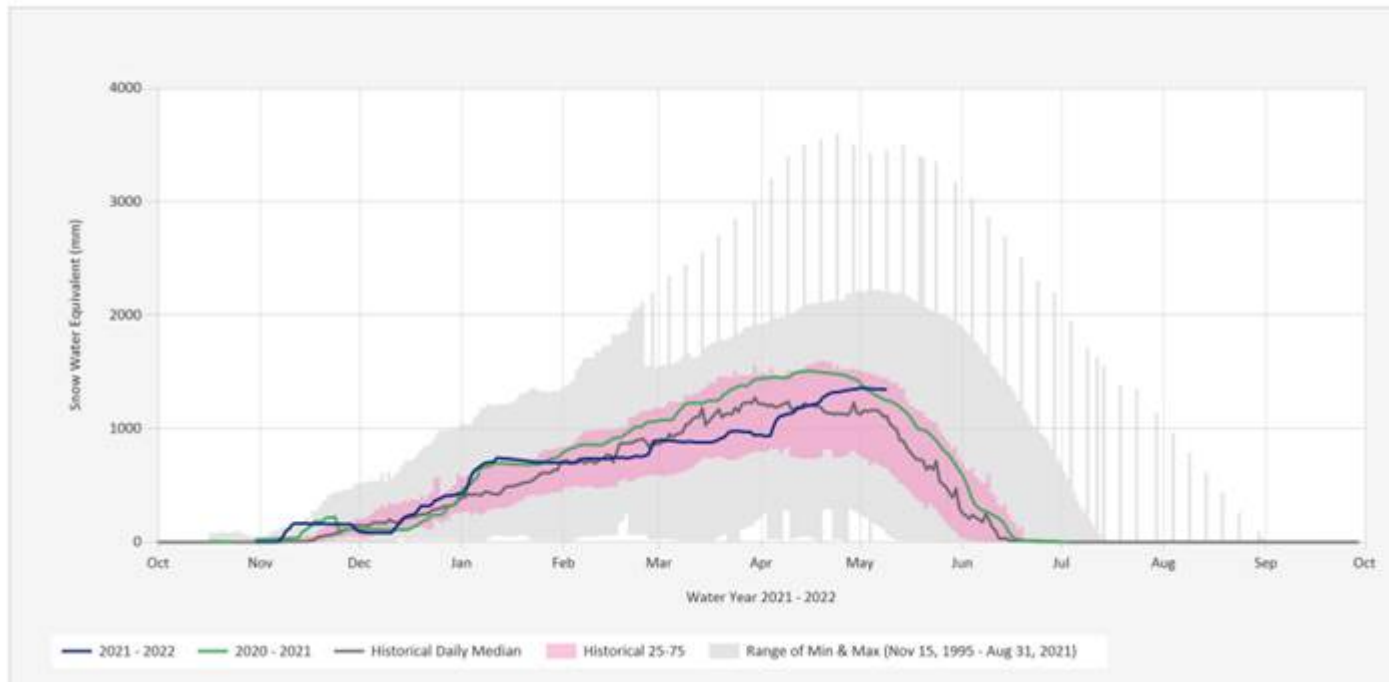
# Next 7 Days



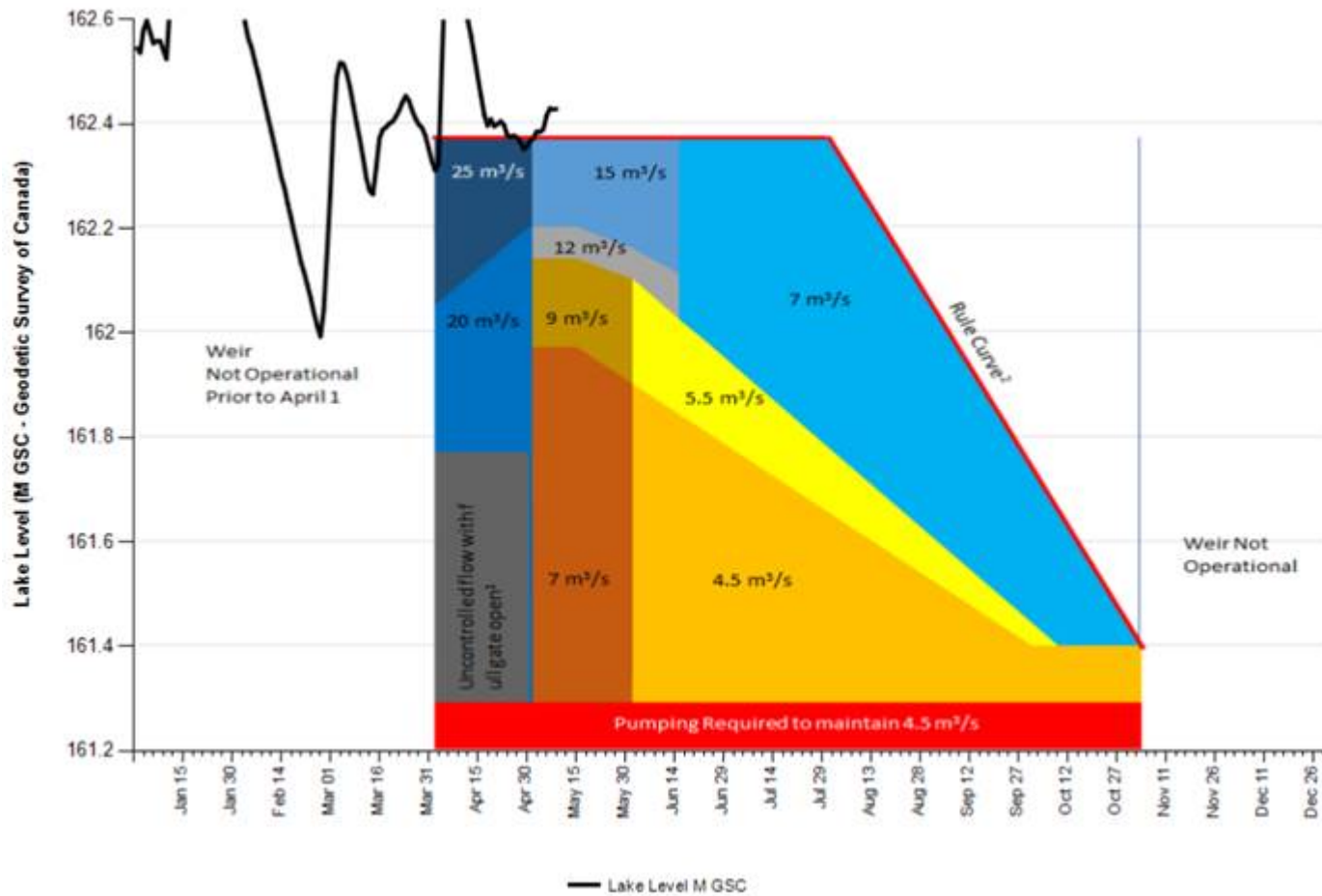
|                         | <b>Tue</b><br>05/10 | <b>Wed</b><br>05/11 | <b>Thu</b><br>05/12 | <b>Fri</b><br>05/13 | <b>Sat</b><br>05/14 | <b>Sun</b><br>05/15 | <b>Mon</b><br>05/16     |
|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------------------|
|                         | Cloudy with showers | Light rain          | Rain                | Cloudy with showers | Light rain          | Rain                | A mix of sun and clouds |
|                         |                     |                     |                     |                     |                     |                     |                         |
|                         | <b>11°</b>          | <b>9°</b>           | <b>9°</b>           | <b>10°</b>          | <b>10°</b>          | <b>13°</b>          | <b>15°</b>              |
| <b>Feels like</b>       | 10                  | 7                   | 7                   | 9                   | 9                   | 13                  | 15                      |
| <b>Night</b>            | 5°                  | 4°                  | 2°                  | 5°                  | 6°                  | 7°                  | 5°                      |
| <b>POP</b>              | 60 %                | 80 %                | 90 %                | 60 %                | 80 %                | 80 %                | 30 %                    |
| <b>Wind (km/h)</b>      | 11 SW               | 12 SW               | 14 SE               | 10 SW               | 12 E                | 9 S                 | 8 SW                    |
| <b>Wind gust (km/h)</b> | 17                  | 18                  | 21                  | 15                  | 18                  | 14                  | 12                      |
| <b>Hrs Of Sun</b>       | 3 h                 | 1 h                 | 3 h                 | 3 h                 | 1 h                 | 1 h                 | 4 h                     |
| <b>24 Hr Rain</b>       | ~1 mm               | 10-15 mm            | ~5 mm               | 1-3 mm              | 10-15 mm            | 5-10 mm             | -                       |

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 - Above Average snow pack



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