

Houle, Brian (Crofton)

From: Houle, Brian (Crofton)
Sent: Wednesday, January 3, 2024 4:45 PM
To: Houle, Brian (Crofton)
Subject: Watershed Update: Jan 3, 2024

Happy New Year everyone,

It is a good thing to put 2023 into the history books, and with record dry conditions and 36 days of pumping from lake to river, 2023 was a very difficult year for the Cowichan Watershed.

The lake is now overfull as expected at this time of year, while snow pack is markedly lower than previous years, on this date.

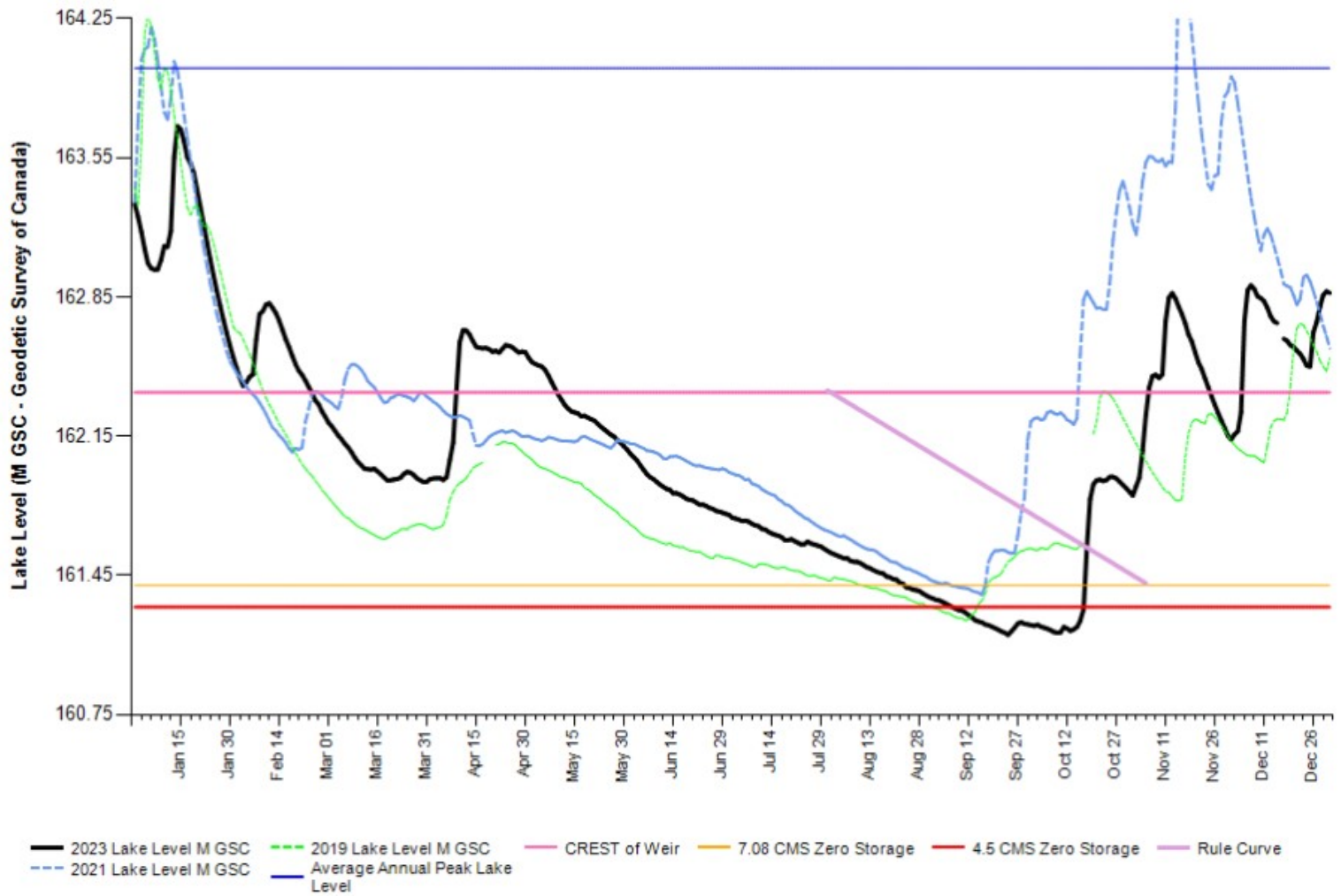
The warmer weather is impacting snow pack as rainfall continues to fall in the region, supporting the higher lake level, but too warm for snow to accumulate in the mountains.

You can see the Nanaimo Jump Creek snow pillow trend below and at lower elevation than Heather Mountain, Jump Creek is not showing any snow pack yet.

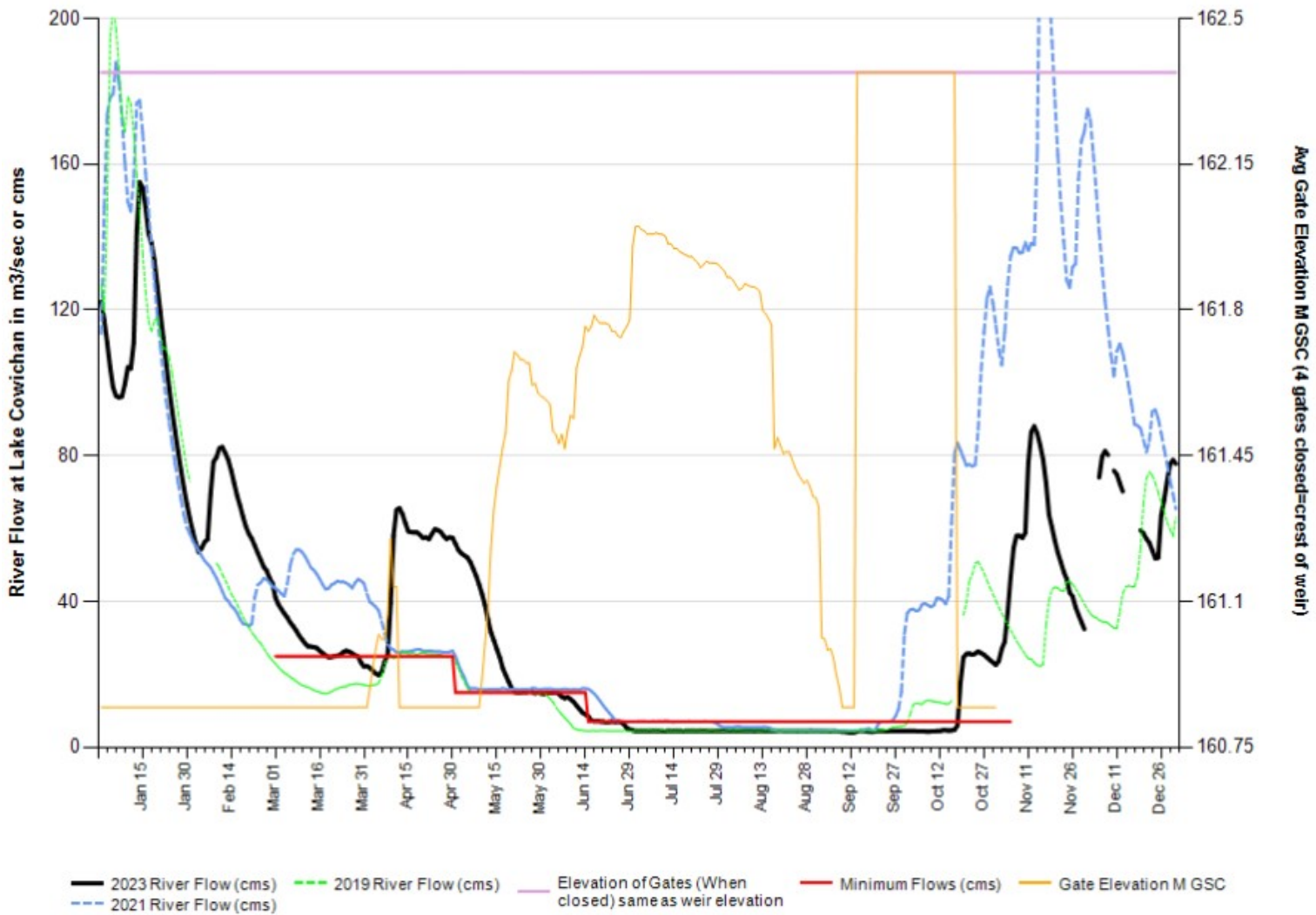
I will continue to update you on about a once a month basis, as we approach the 2024 dry season.

Regards,
Brian

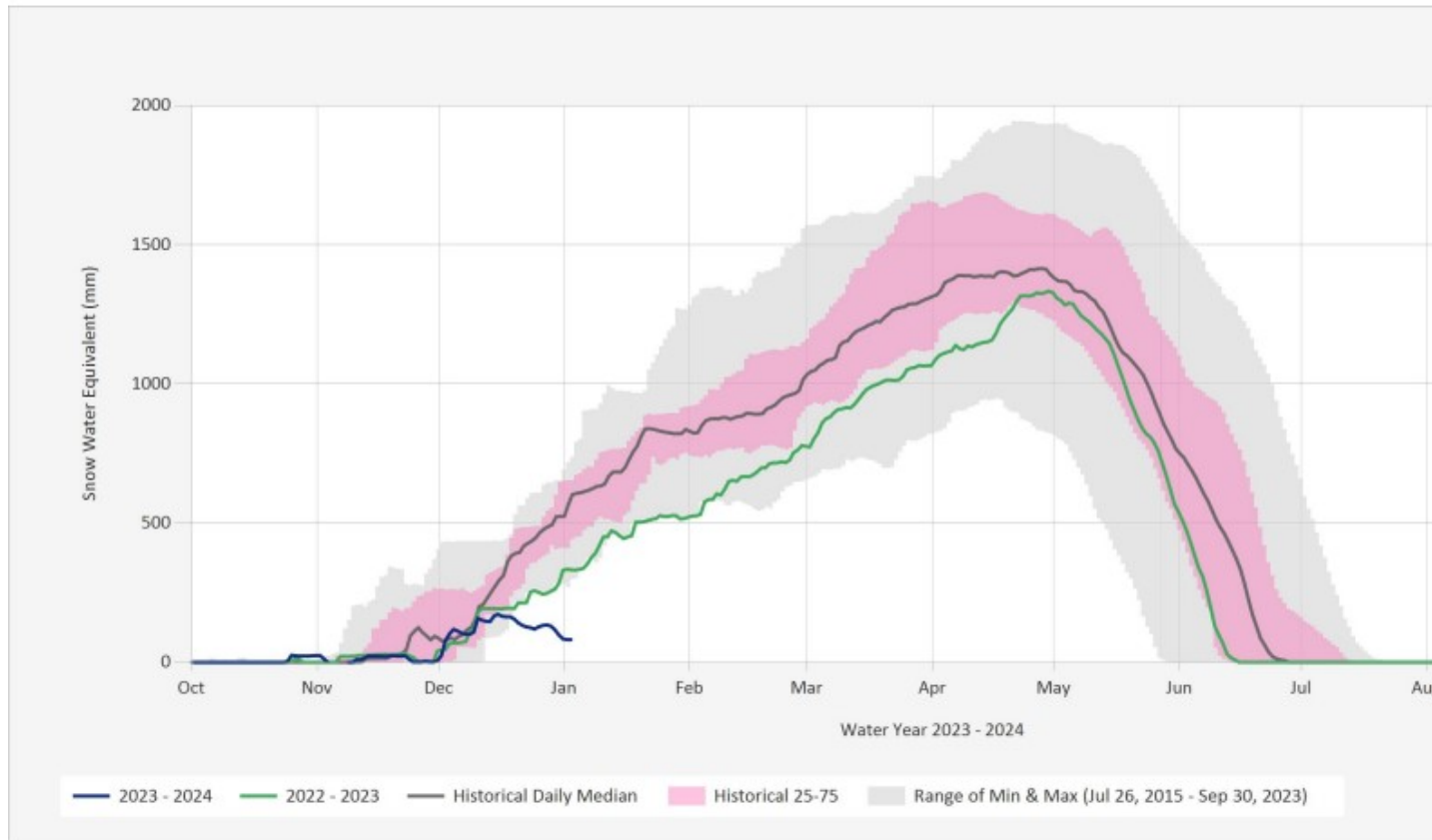
2023 Cowichan Lake Level - 2023 (Black) & 2021 (Blue) & 2019 (Green)



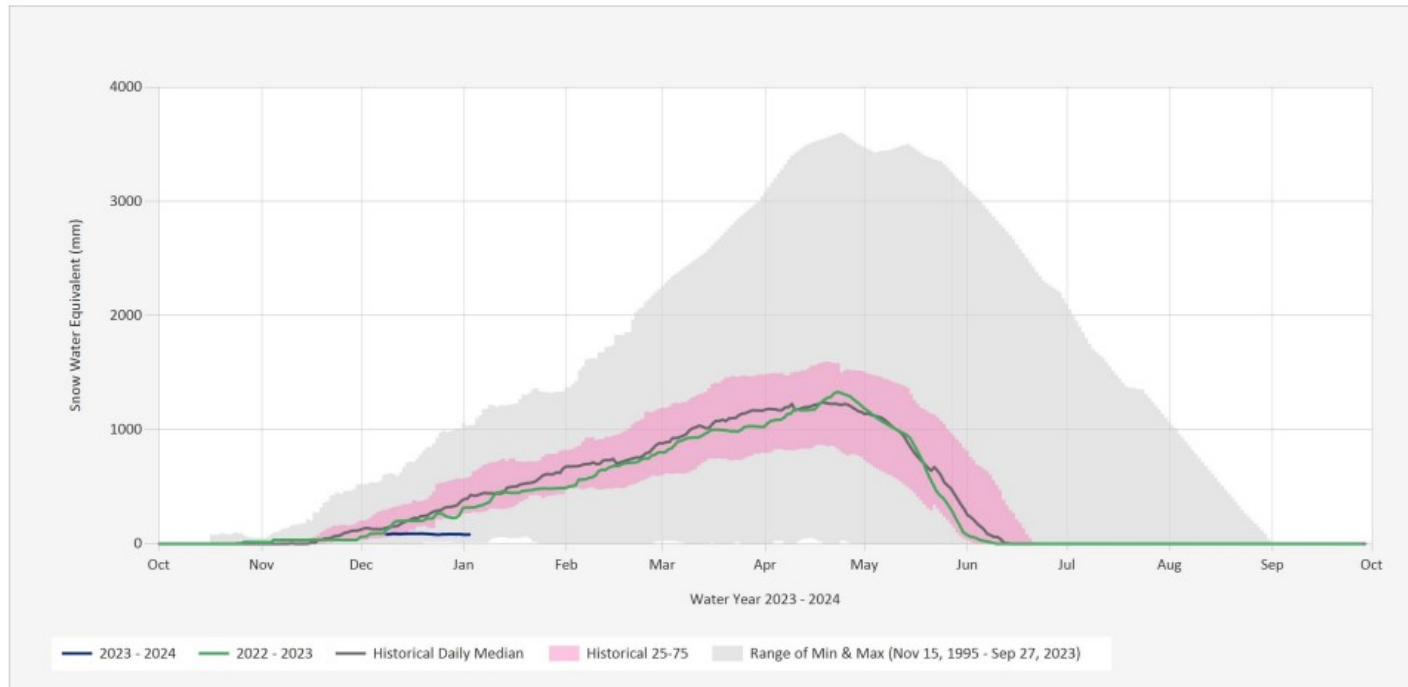
2023 Cowichan River Flow - 2023 (Black) & 2021 (Blue) & 2019 (Green)



Cowichan (Heather Mountain) Snow Pillow



Nanaimo (Jump Creek) snow pillow



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