

Houle, Brian (Crofton)

From: Houle, Brian (Crofton)
Sent: Monday, July 25, 2022 11:49 AM
To: Houle, Brian (Crofton)
Subject: Watershed Update: July 25, 2022

Good day everyone,

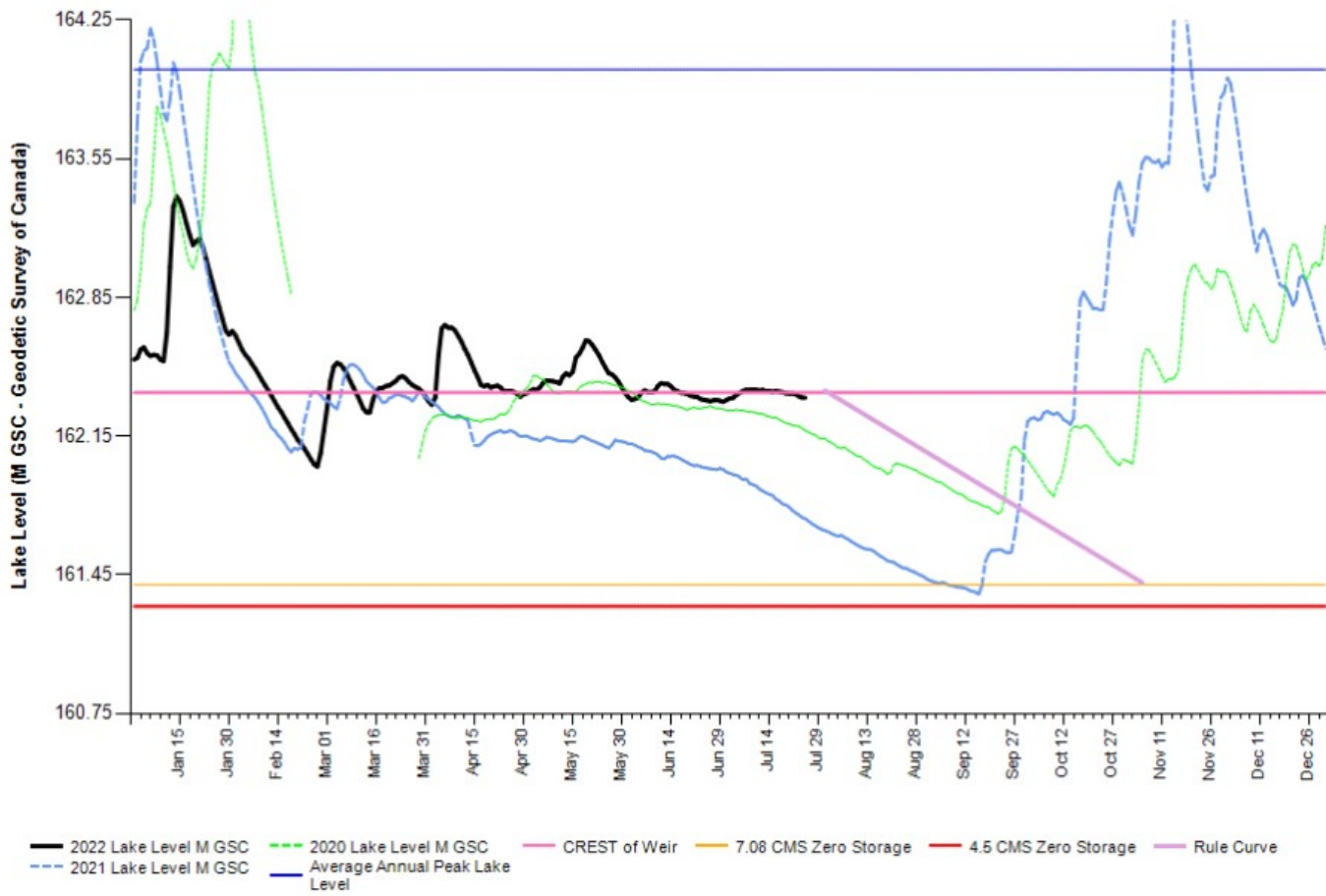
Ideal conditions continue to hold with water in Cowichan Lake.

Lake is now beginning to decline from 100% full and just in time given the rule curve begins on July 31 and lower lake levels are required beginning on that day. A ramping down of lake level must begin on August 1 and with snow pack fully melted and dry weather for coming 7 days, lake level should now be the way down.

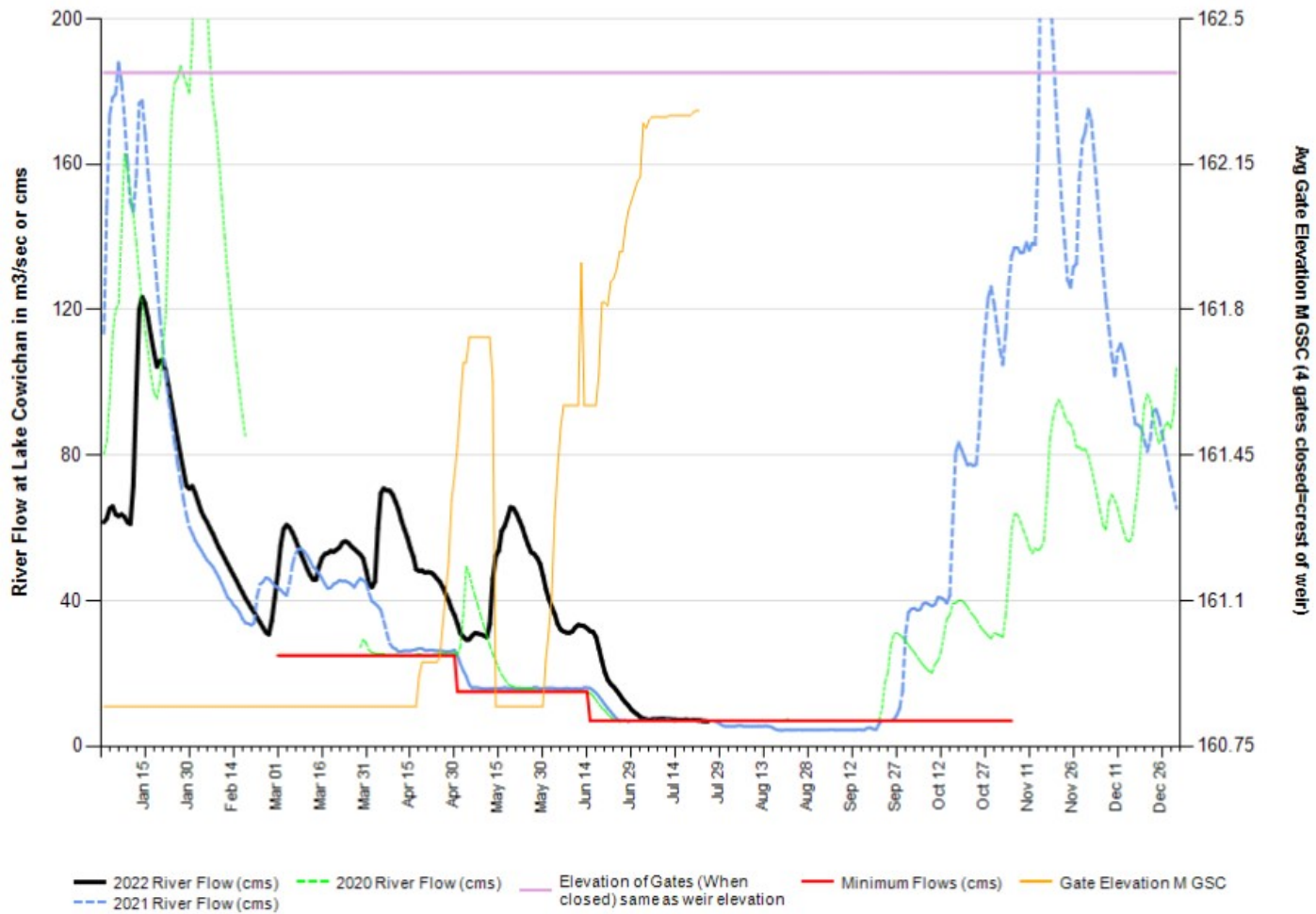
The new rule curve issued by Province in 2013 has provided value this year given the old rule curve would have forced us to lower lake level beginning on July 9. Regardless how dry the coming months of summer become, the 100% full inventory in Cowichan Lake will support summer base flow of 7 cms well into October.

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)

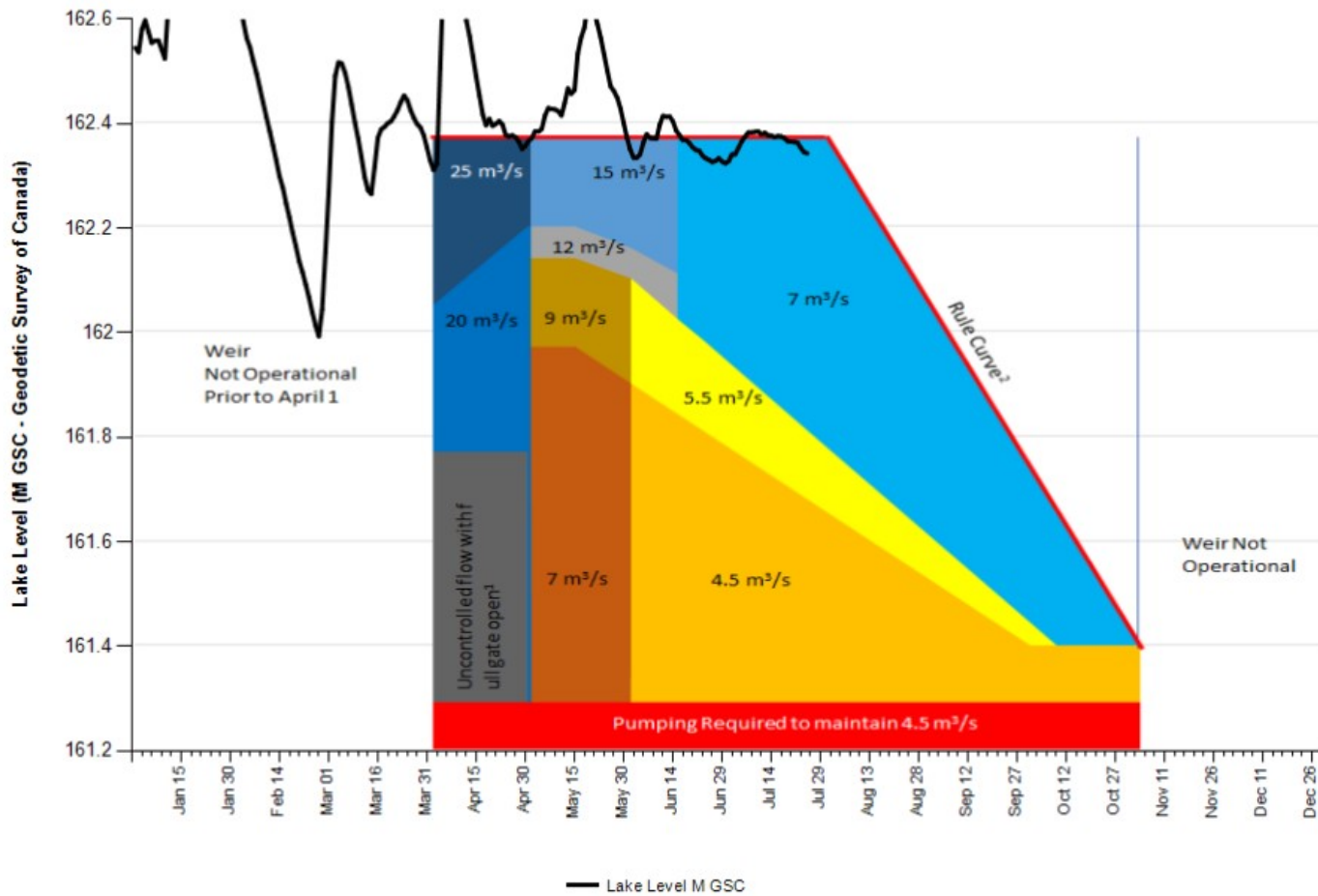


Next 7 Days



	Tue 07/26 Sunny	Wed 07/27 Sunny	Thu 07/28 Sunny	Fri 07/29 Sunny	Sat 07/30 Sunny	Sun 07/31 Mainly sunny	Mon 08/01 Mainly sunny
	35°	33°	34°	32°	29°	27°	22°
Feels like	39	39	40	38	34	31	24
Night	20°	20°	20°	17°	16°	15°	13°
POP	0 %	10 %	0 %	10 %	0 %	20 %	20 %
Wind (km/h)	10 NE	5 SE	5 SE	3 s	4 s	7 SW	5 s
Wind gust (km/h)	15	8	8	5	6	11	8
Hrs Of Sun	15 h	14 h	15 h	15 h	15 h	11 h	12 h

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



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