

Houle, Brian (Crofton)

From: Houle, Brian (Crofton)
Sent: Monday, June 21, 2021 3:59 PM
To: Houle, Brian (Crofton)
Subject: Weekly watershed update, June 21

Good day everyone,

Summer is here and weather is predicted to be hot and dry all week.

River flow from Cowichan Lake was ramped down about 1 cms/day beginning on June 16.

This morning the river is flowing from the lake at about 10.5 cms.

With flow ramping down about 1 cms per day, flow will be lowered in afternoon to about 9.5 cms.

Flow ramping will continue and by Thursday we will have river settled in to the license minimum flow of 7 cms and flow will be held at that level as long as we can.

Snow pillow online system is down today and I am unable to confirm status of snow pack – with the warm weather, melting is happening very quickly currently.

Lake level is now at 62% full and continues to decline even as flow leaving the lake is also being reduced.

As river flow reaches 7 cms and with continuing snow melt, hoping to see lake level turn up a bit but that may not happen with this weather.

The new river flow guide that did not factor in snow pack is now showing we can just afford a flow of 7 cms.

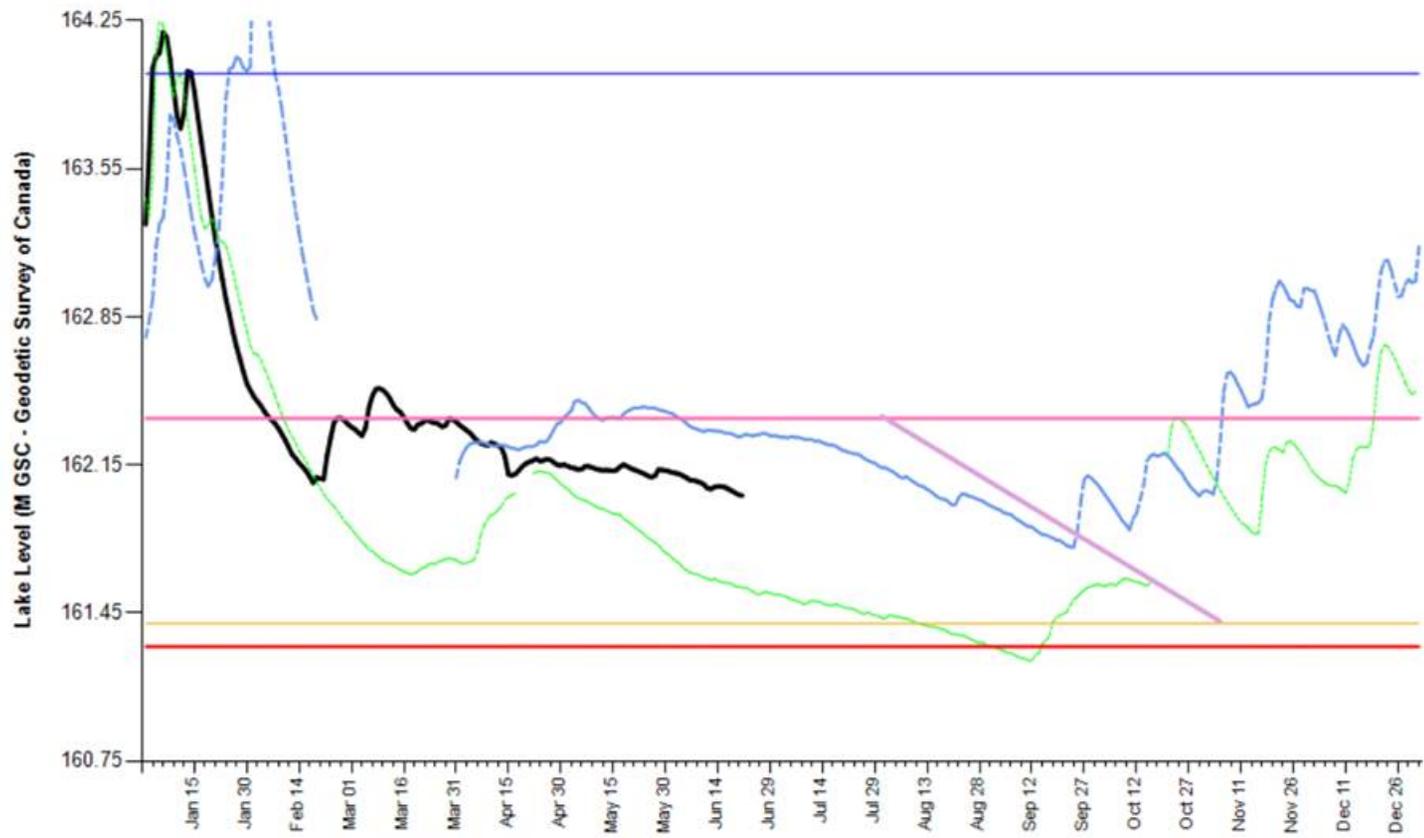
Depending on how dry and hot it is this summer, it is possible we will dip into the zone that guides 5.5 cms.

As the snow melt concludes, the flow guide becomes more accurate for 2021 and it is possible that there is not enough water to sustain 7 cms this summer.

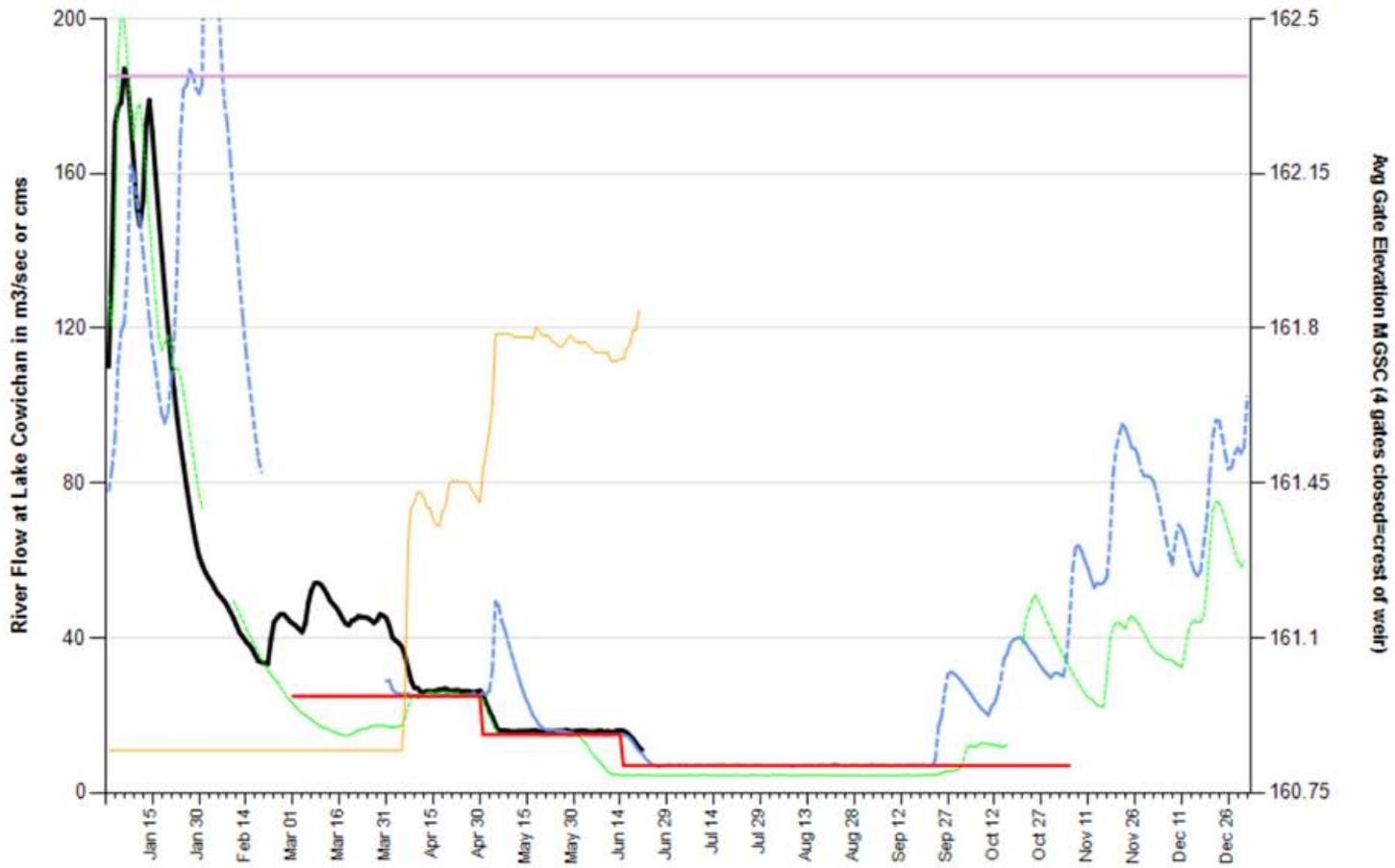
Until the snow pack is fully melted, it is very difficult to predict conditions in July/August/Sept.

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

2021 Cowichan Lake Level - 2021 (Black) & 2020 (Blue) & 2019 (Green)



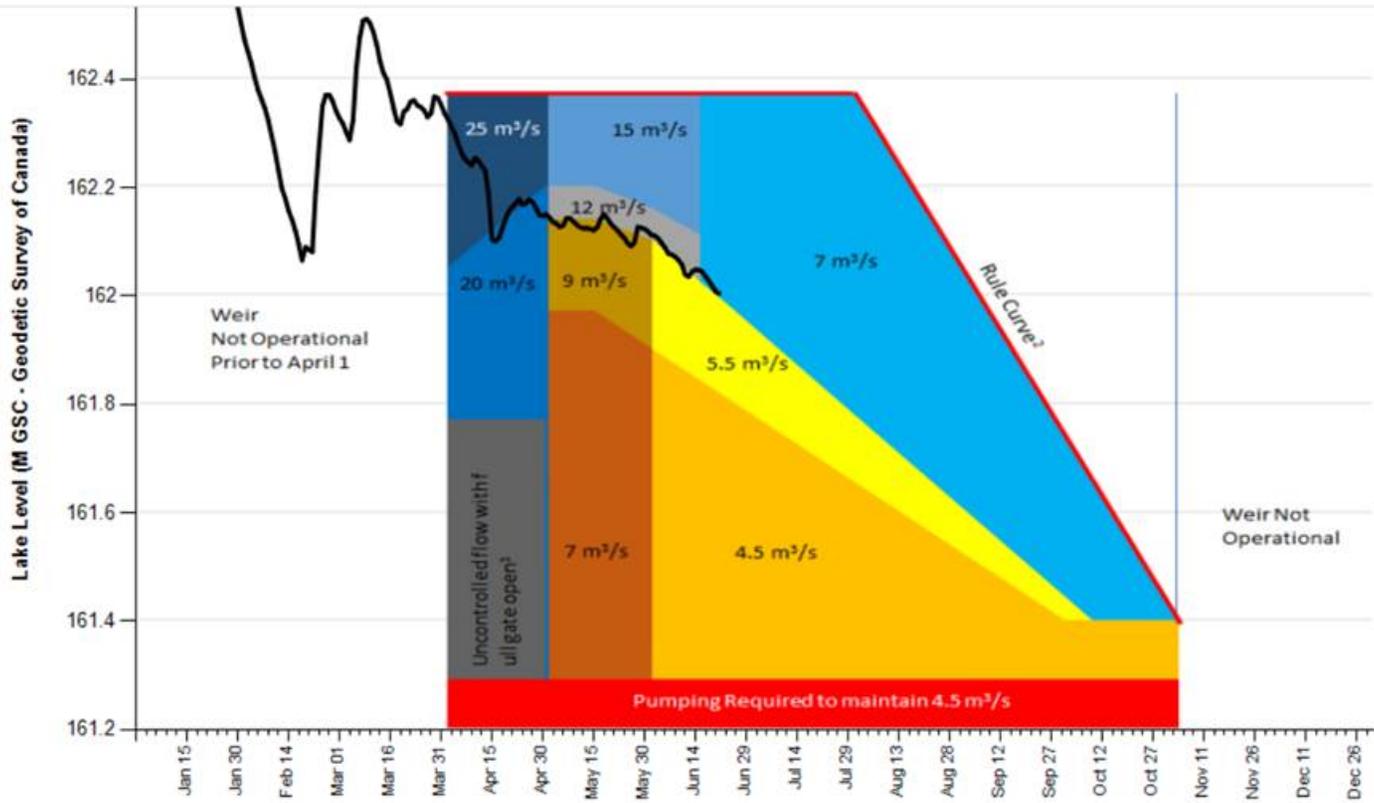
2021 Cowichan River Flow - 2021 (Black) & 2020 (Blue) & 2019 (Green)



Next 7 Days



	Tue 06/22 Sunny	Wed 06/23 Mainly sunny	Thu 06/24 A mix of sun and clouds	Fri 06/25 Mainly sunny	Sat 06/26 Sunny	Sun 06/27 Sunny	Mon 06/28 Sunny
	26°	27°	29°	34°	35°	32°	31°
Feels like	29	31	32	38	40	36	35
Night	12°	12°	16°	19°	19°	17°	15°
POP	0 %	20 %	20 %	20 %	10 %	10 %	0 %
Wind (km/h)	11 SE	5 E	6 E	7 E	6 S	5 NE	6 N
Wind gust (km/h)	17	8	9	11	9	8	9
Hrs Of Sun	15 h	11 h	6 h	11 h	16 h	16 h	16 h



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