

Houle, Brian (Crofton)

From: Houle, Brian (Crofton)
Sent: Tuesday, October 17, 2023 8:11 AM
To: Houle, Brian (Crofton)
Subject: Watershed Update: October 17, 2023

Good morning,

Conditions are finally looking wet.

Recent rainfall has been enough to begin to refill the lake.

Lake level has a long way to go but weather system for today could be enough to move lake level up some more.

Weather forecast now shows continued wet weather out two weeks and from lake level trend, you can see last year, rainfall was even later to arrive.

I have included Bamfield weather forecast as that is the system that will help lake level rise.

Water Survey of Canada provided calibration work on the river flow gauge at Lake Cowichan which allowed reduction to # of pumps operating, to sustain 4.5 cms river flow.

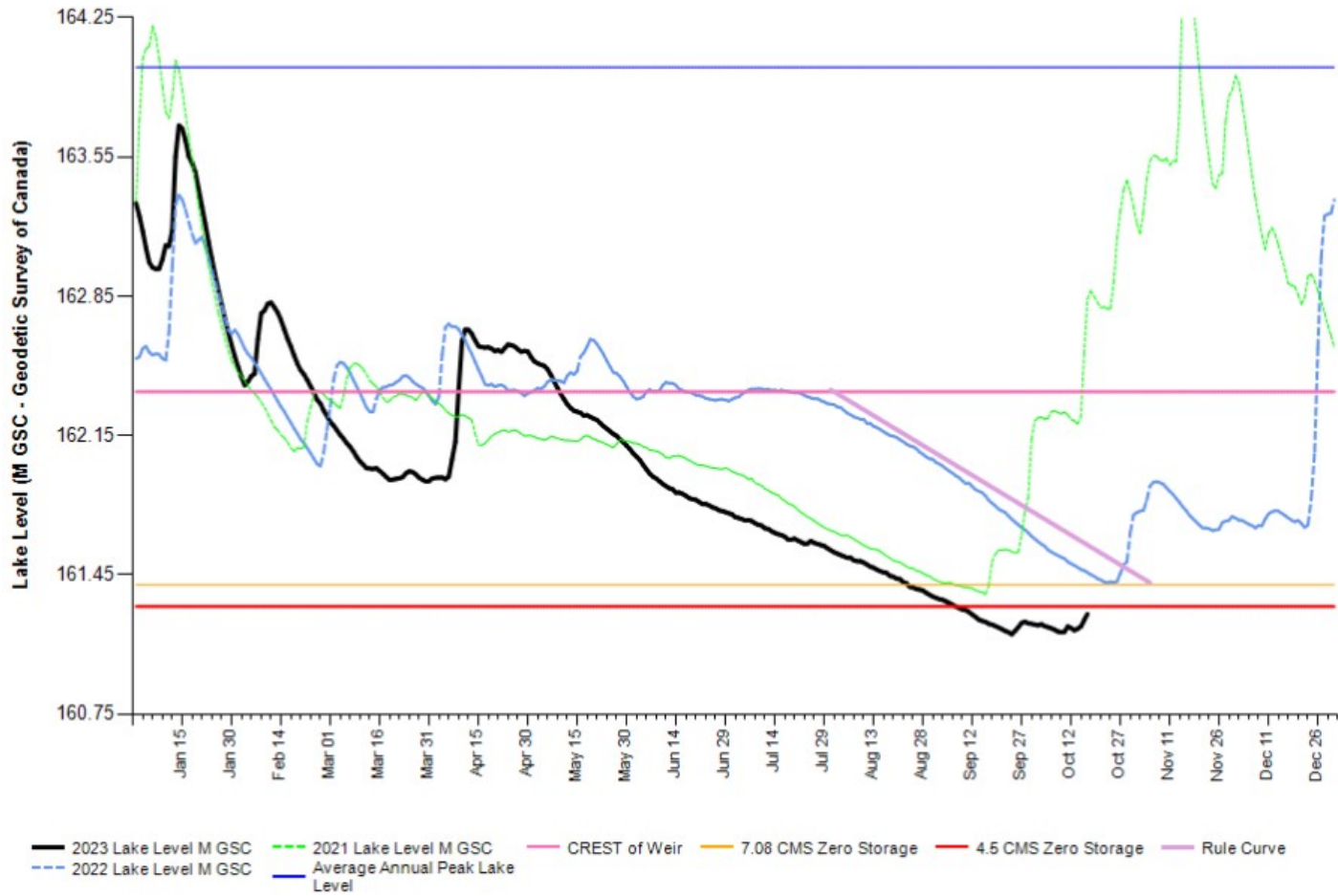
Ongoing wet weather has allowed tributaries to begin to flow into the Cowichan River bringing up river flow from the 4.5 cms released from lake.

And, this week, Catalyst Paper is beginning to restart kraft mill operations.

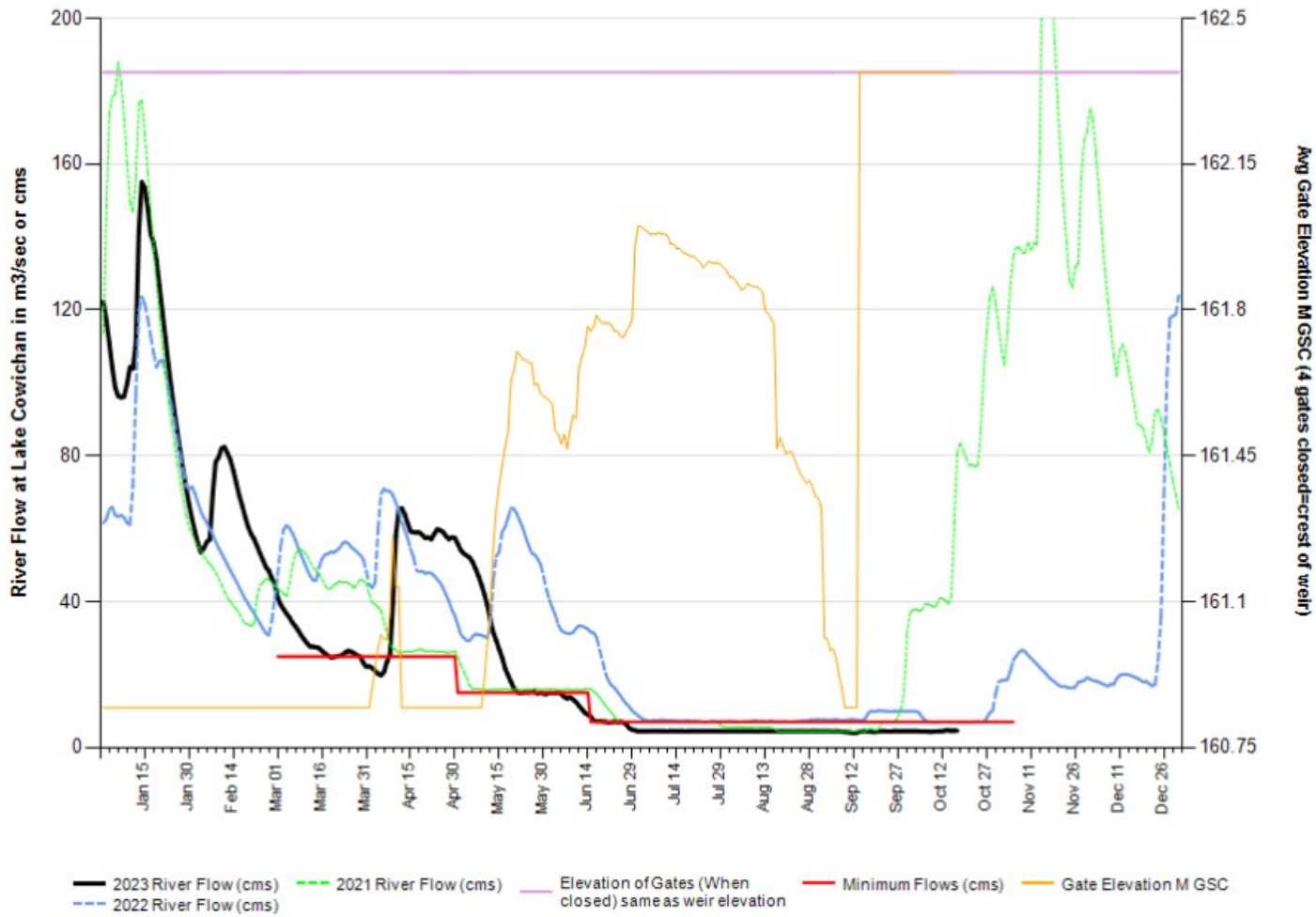
The paper mill will not restart at this time.

Regards,
Brian

2023 Cowichan Lake Level - 2023 (Black) & 2022 (Blue) & 2021 (Green)



2023 Cowichan River Flow - 2023 (Black) & 2022 (Blue) & 2021 (Green)



Next 7 Days



	Wed 10/18 Rain 	Thu 10/19 Light rain 	Fri 10/20 A mix of sun and clouds 	Sat 10/21 Cloudy 	Sun 10/22 Cloudy with showers 	Mon 10/23 Cloudy with showers 	Tue 10/24 Mainly sunny 
	14°	17°	18°	17°	15°	8°	10°
Feels like	14	17	20	17	15	8	10
Night	12°	11°	11°	11°	7°	4°	3°
POP	90 %	60 %	40 %	30 %	40 %	60 %	20 %
Wind (km/h)	9 E	7 SW	3 N	2 NE	3 W	8 SW	5 NW
Wind gust (km/h)	14	11	5	3	5	12	8
Hrs Of Sun	0 h	1 h	4 h	0 h	3 h	1 h	7 h
24 Hr Rain	~15 mm	~5 mm	<1 mm	~5 mm	<1 mm	~1 mm	-

Next 7 Days

Bamfield Weather



	Wed 10/18	Thu 10/19	Fri 10/20	Sat 10/21	Sun 10/22	Mon 10/23	Tue 10/24
	Rain at times heavy	Rain	Cloudy with sunny breaks	Cloudy	Mainly sunny	Light rain	Mainly sunny
	15°	15°	16°	15°	14°	11°	11°
Feels like	14	15	16	15	14	10	11
Night	14°	13°	12°	12°	10°	7°	7°
POP	100 %	100 %	30 %	30 %	30 %	70 %	10 %
Wind (km/h)	26 s	16 s	9 w	7 NE	7 w	18 w	12 NE
Wind gust (km/h)	39	24	14	11	11	27	18
Hrs Of Sun	0 h	0 h	2 h	0 h	6 h	1 h	9 h
24 Hr Rain	50 - 75 mm	25 - 35 mm	-	<1 mm	-	~5 mm	-



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