

MADAWASKA RIVER – WATER LEVELS & FLOWS

Levels and flows are also available on our toll-free line: 1-888-884-8022

CURRENT STRATEGY

DATE: September 13, 2019

Flows expected to remain consistent over the week. The strategy is to pass inflow on a daily/weekly basis.

BARK LAKE	Observed Data							Weekly Plan
	Sep-6	Sep-7	Sep-8	Sep-9	Sep-10	Sep-11	Sep-12	
Min. Level (m)	313.38	313.37	313.38	313.35	313.33	313.33	313.32	313.25
Max. Level (m)	313.40	313.42	313.40	313.39	313.37	313.35	313.35	313.35
Avg. Flow (m ³ /s)	7.8	7.8	7.8	13.9	13.9	7.8	7.8	8-10
Comments: The normal operating range is 304.70 to 313.94 m. The summer minimum is 313.62 m. The current elevation is 313.26 m and expected to decline 5-7 cm through the week. The average daily discharge will be approximately 8 m ³ /s over the next 3-5 days.								

KAMANISKEG LAKE (PALMER RAPIDS DAM)	Observed Data							Weekly Plan
	Sep-6	Sep-7	Sep-8	Sep-9	Sep-10	Sep-11	Sep-12	
Upper Gauge Min. Level (m)	282.85	282.86	282.86	282.86	282.86	282.88	282.87	282.88
Upper Gauge Max. Level (m)	282.86	282.87	282.87	282.87	282.88	282.89	282.88	282.95
Barry's Bay Min. Level (m)	282.90	282.90	282.90	282.91	282.92	282.92	282.92	282.91
Barry's Bay Max. Level (m)	282.91	282.92	282.91	282.92	282.95	282.94	282.93	282.95
Avg. Flow (m ³ /s)	10.1	10.5	10.5	10.5	10.7	11.1	11.0	10-13
Comments: The normal operating range is 282.24 m to 283.46 m. The summer operating range is 282.91 to 283.09 m. The current elevation at Barry's Bay is 282.93 m and expected to remain stable over the next 10 days. The discharge at Palmer Rapids is currently 10 m ³ /s.								

MOUNTAIN CHUTE GS	Observed Data							Weekly Plan
	Sep-6	Sep-7	Sep-8	Sep-9	Sep-10	Sep-11	Sep-12	
Min. Level (m)	248.22	248.24	248.25	248.26	248.25	248.24	248.23	248.10
Max. Level (m)	248.24	248.27	248.27	248.28	248.29	248.28	248.27	248.35
Station Operation (hr/day)	1	1	1	1	2	2	2	1-2
Avg. Flow (m ³ /s)	7	7	7	7	14	14	15	7-15
Comments: The normal operating range is 243.80 to 248.40 m. The summer minimum is 248.00 m when the inflow is less than 70 m ³ /s. The current elevation is 248.24 m. Expect daily water level fluctuations of up to 5 cm. Inflows are 12 m ³ /s and expected to remain stable.								

BARRETT CHUTE GS	Observed Data							Weekly Plan
	Sep-6	Sep-7	Sep-8	Sep-9	Sep-10	Sep-11	Sep-12	
Min. Level (m)	200.85	200.86	200.84	200.82	200.82	200.82	200.84	200.75
Max. Level (m)	200.90	200.89	200.87	200.86	200.89	200.89	200.90	200.90
Station Operation (hr/day)	4	4	4	4	8	6	7	2-8
Avg. Flow (m ³ /s)	7	7	7	7	11	11	13	6-15
Comments: The normal operating range is 198.73 to 201.17 m. The summer minimum is 200.70 m. Expect daily water level fluctuations of up to 10 cm.								

CALABOGIE GS	Observed Data							Weekly Plan
	Sep-6	Sep-7	Sep-8	Sep-9	Sep-10	Sep-11	Sep-12	
Min. Level (m)	153.89	153.89	153.90	153.89	153.89	153.87	153.84	153.85
Max. Level (m)	153.93	153.94	153.93	153.93	153.93	153.92	153.90	153.95
Station Operation (hr/day)	24	24	24	24	24	24	24	24
Avg. Flow (m ³ /s)	8	8	8	8	11	15	15	6-15
Comments: The normal operating range is 153.56 to 154.10 m and the current elevation is 153.85 m. The summer minimum is 153.80 m. Expect water level fluctuations of up to 8 cm on a daily basis. Discharge expected to be 6-15 m ³ /s for the next 3-5 days.								

STEWARTVILLE GS	Observed Data							Weekly Plan
	Sep-6	Sep-7	Sep-8	Sep-9	Sep-10	Sep-11	Sep-12	
Min. Level (m)	144.62	144.66	144.66	144.67	144.66	144.65	144.68	144.50
Max. Level (m)	144.69	144.72	144.72	144.73	144.72	144.73	144.73	144.75
Station Operation (hr/day)	4	4	4	5	6	7	8	2-5
Avg. Flow (m ³ /s)	8	8	8	10	12	15	16	5-15
Comments: The normal operating range is 143.50 to 144.78 m. The summer operating range is currently 144.48 to 144.78 m. Expect daily water level fluctuations of up to 15 cm.								

ARNPRIOR GS	Observed Data							Weekly Plan
	Sep-6	Sep-7	Sep-8	Sep-9	Sep-10	Sep-11	Sep-12	
Min. Level (m)	98.81	98.83	98.83	98.81	98.85	98.87	98.83	98.79
Max. Level (m)	98.89	98.90	98.91	98.88	98.92	98.95	98.94	98.98
Station Operation (hr/day)	1	1	1	1	1	2	2	1-2
Avg. Flow (m ³ /s)	9	9	9	9	9	18	18	9-16
Comments:								
The normal operating range is 98.76 to 99.06 m. Expect daily water level fluctuations of up to 12 cm.								

Note: Generating Station (GS) Maximum and Minimum levels taken from calculated average hourly levels based on minute resolution data.

For further information please contact

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