

MADAWASKA RIVER – WATER LEVELS & FLOWS

CURRENT STRATEGY

DATE: September 03, 2010

Pass inflows on a weekly cycle at most sites.

BARK LAKE		Current Conditions				Plan	
Range:							
Inflow (m ³ /s)		15				15	
Elevation (meters)		313.69				313.77	
Outflow (m ³ /s)		3.3				3.3	
24:00 level for past 7 days							
Date	Aug 27	Aug 28	Aug 29	Aug 30	Aug 31	Sep 01	Sep 02
Level (m)	313.78	313.77	313.76	313.74	313.70	313.67	313.67

Comments:

The normal operating range is 304.70 to 313.90 m. The summer minimum is 313.62 m.

KAMANISKEG LAKE (PALMER RAPIDS DAM)		Current Conditions		Plan	
Inflow (m ³ /s)		40		35 - 40	
Elevation (meters)		283.05		283.00 – 283.05	
Upper Gauge Elevation (meters)		283.00		282.95 - 283.00	
Outflow (m ³ /s)		40		40	

Comments:

The normal operating range is 282.24 to 283.46 m. The summer operating range is 282.91 to 283.09 m.

MOUNTAIN CHUTE GS		Current Conditions		Plan	
Inflow (m ³ /s)		45		40	
Centennial Lake Elevation (meters)		248.07		248.10 – 248.30	
Station operation (hr/day)		7		1 - 8	
Outflow (m ³ /s)		50		7 - 55	

Comments:

The normal operating range is 243.80 to 248.40 m. The summer operating range is 248.00 to 248.40 m. Expect daily water level fluctuations of up to 20 cm.

BARRETT CHUTE GS	Current Conditions	Plan
Forebay Elevation (meters)	200.87	200.85
Station operation (hr/day)	13	3 - 14
Outflow (m ³ /s)	51	10 - 55

Comments:

The normal operating range is 198.73 to 201.17 m. The summer operating range is 200.70 to 201.17 m. Expect daily water level fluctuations of up to 20 cm.

CALABOGIE GS	Current Conditions	Plan
Calabogie Lake Elevation (meters)	153.89	153.89
Station operation (hr/day)	0	0
Outflow (m ³ /s)	51	10 - 55

Comments:

The normal operating range is 153.56 to 154.10 m. The summer operating range is 153.80 to 154.10 m. Expect daily water level fluctuations of up to 20 cm.

STEWARTVILLE GS	Current Conditions	Plan
Forebay Elevation (meters)	144.65	144.65
Station operation (hr/day)	15	3 - 16
Outflow (m ³ /s)	50	10 - 55

Comments:

The normal operating range is 143.50 to 144.78 m. The summer operating range is 144.48 to 144.78 m based on expected flows. Expect daily water level fluctuations of up to 30 cm.

ARNPRIOR GS	Current Conditions	Plan
Forebay Elevation (meters)	98.86	98.83
Station operation (hr/day)	7	1 - 7
Outflow (m ³ /s)	59	10 - 58

Comments:

The normal operating range is 98.76-99.06 m. Expect daily water level fluctuations of up to 20 cm.

For further information please contact

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