

## **OTTAWA RIVER – WATER LEVELS & FLOWS**

### **CURRENT STRATEGY**

**DATE: September 22, 2017**

Levels and flows are expected to slowly decline. Pass inflow at all sites.

<b>OTTO HOLDEN GS</b>	<b>Observed Data</b>							<b>Weekly Plan</b>
	<b>Sep-15</b>	<b>Sep-16</b>	<b>Sep-17</b>	<b>Sep-18</b>	<b>Sep-19</b>	<b>Sep-20</b>	<b>Sep-21</b>	
Min. Level (m)	177.01	177.04	177.06	177.08	176.94	177.07	177.03	176.80
Max. Level (m)	177.42	177.43	177.40	177.42	177.35	177.40	177.43	177.47
Avg. Flow (m <sup>3</sup> /s)	616	638	611	679	662	641	649	550-700
Station Operation (hrs/day)	19	24	22	22	24	20	19	17-24
<b>Comments:</b> The operating range is 173.74 to 177.70 m. Expect daily water level fluctuations of up to 40 cm.								

<b>Ottawa River at MATTAWA</b>	<b>Observed Data</b>							<b>Weekly Plan</b>
	<b>Sep-15</b>	<b>Sep-16</b>	<b>Sep-17</b>	<b>Sep-18</b>	<b>Sep-19</b>	<b>Sep-20</b>	<b>Sep-21</b>	
Min. Level (m)	152.15	152.20	152.13	152.30	152.19	152.21	152.25	152.15
Max. Level (m)	152.78	152.76	152.76	152.80	152.93	152.91	152.84	152.90
<b>Comments:</b> Expect daily water level fluctuations of up to 70 cm.								

<b>DES JOACHIMS GS</b>	<b>Observed Data</b>							<b>Weekly Plan</b>
	<b>Sep-15</b>	<b>Sep-16</b>	<b>Sep-17</b>	<b>Sep-18</b>	<b>Sep-19</b>	<b>Sep-20</b>	<b>Sep-21</b>	
Min. Level (m)	152.09	152.07	152.10	152.07	152.15	152.14	152.12	152.00
Max. Level (m)	152.19	152.19	152.19	152.22	152.30	152.27	152.27	152.30
Avg. Flow (m <sup>3</sup> /s)	686	701	697	715	727	732	729	600-750
Station Operation (hrs/day)	22	24	24	24	24	24	24	18-24
<b>Comments:</b> The operating range is 149.40 to 152.40 m. Expect daily water level fluctuations of up to 15 cm.								

<b>Ottawa River at PEMBROKE</b>	<b>Observed Data</b>							<b>Weekly Plan</b>
	<b>Sep-15</b>	<b>Sep-16</b>	<b>Sep-17</b>	<b>Sep-18</b>	<b>Sep-19</b>	<b>Sep-20</b>	<b>Sep-21</b>	
Min. Level (m)	111.37	111.41	111.40	111.41	111.41	111.42	111.43	111.30
Max. Level (m)	111.43	111.43	111.44	111.44	111.45	111.46	111.46	111.45
<b>Comments:</b> Expect daily fluctuations of up to 10 cm.								

<b>CHENAUX GS</b>	<b>Observed Data</b>							<b>Weekly Plan</b>
	<b>Sep-15</b>	<b>Sep-16</b>	<b>Sep-17</b>	<b>Sep-18</b>	<b>Sep-19</b>	<b>Sep-20</b>	<b>Sep-21</b>	
Min. Level (m)	85.90	85.87	85.82	85.91	86.01	86.04	86.18	85.80
Max. Level (m)	86.01	85.90	85.91	86.02	86.04	86.16	86.26	86.52
Avg. Flow (m <sup>3</sup> /s)	860	856	815	798	816	820	827	700-900
Station Operation (hrs/day)								0
<b>Comments:</b> The operating range is 84.73 to 86.87 m. Expect daily water level fluctuations of up to 30 cm. Station is out of service due to line maintenance until October 06.								

<b>CHATS FALLS GS</b>	<b>Observed Data</b>							<b>Weekly Plan</b>
	<b>Sep-15</b>	<b>Sep-16</b>	<b>Sep-17</b>	<b>Sep-18</b>	<b>Sep-19</b>	<b>Sep-20</b>	<b>Sep-21</b>	
Min. Level (m)	74.01	74.00	73.99	73.99	74.00	74.01	74.05	73.97
Max. Level (m)	74.08	74.10	74.11	74.06	74.04	74.13	74.15	74.22
Avg. Flow (m <sup>3</sup> /s)	1,002	940	926	895	904	899	928	800-950
Station Operation (hrs/day)	24	24	24	24	24	24	24	24
<b>Comments:</b> The normal operating range of Chats Lake is 73.97 to 74.22 m when inflow is below 2180 m <sup>3</sup> /s. Expect daily water level fluctuations of up to 12 cm.								

<b>Ottawa River at BRITANNIA</b>	<b>Observed Data</b>							<b>Weekly Plan</b>
	<b>Sep-15</b>	<b>Sep-16</b>	<b>Sep-17</b>	<b>Sep-18</b>	<b>Sep-19</b>	<b>Sep-20</b>	<b>Sep-21</b>	
Min. Level (m)	58.12	58.08	58.05	58.04	58.07	58.02	58.02	57.90
Max. Level (m)	58.21	58.18	58.16	58.15	58.15	58.15	58.17	58.15
<b>Comments:</b> Expect daily water level fluctuations of up to 12 cm.								

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

**For further information please contact**

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