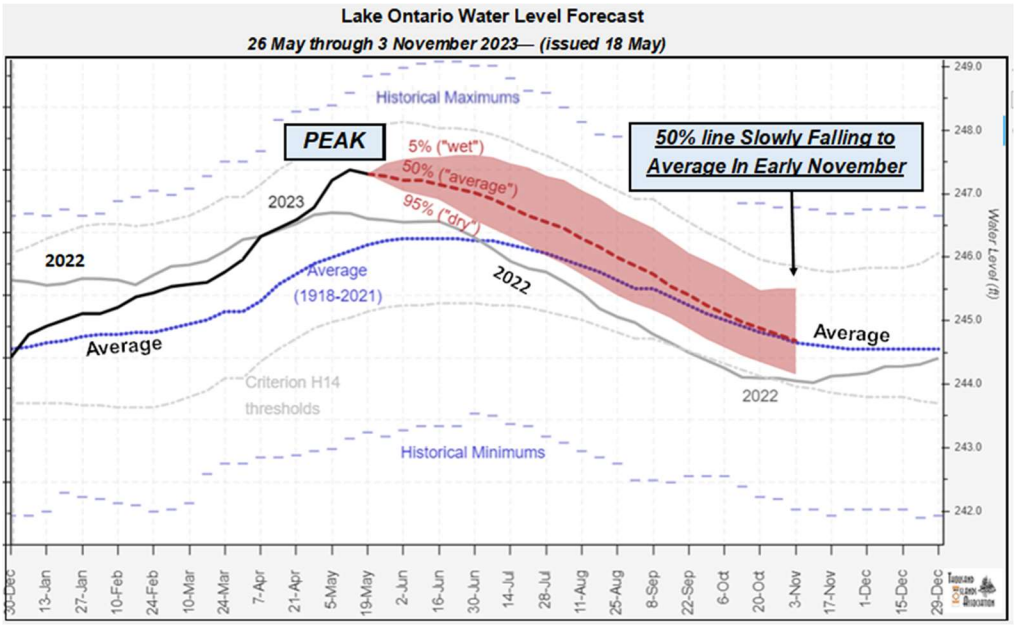
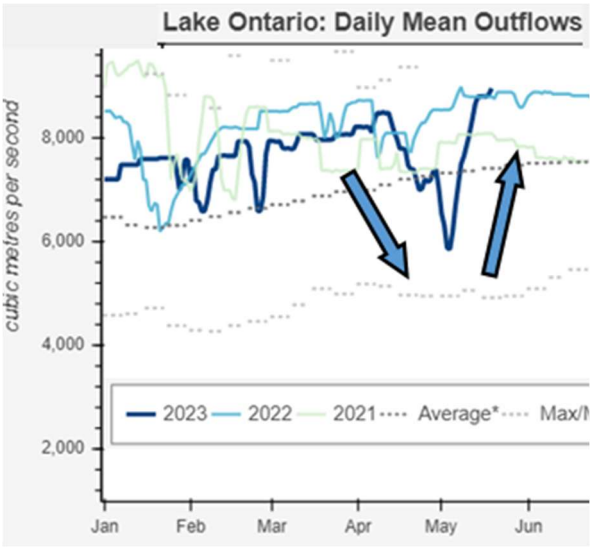
Water Levels – Have Already Peaked – Remaining Above Average Until November

TIA Water Levels Committee (5/22/23) – by Barton, Stewart & White



https://ijc.org/en/loslrb/watershed/forecasts *Edits by TIA*



Why did Lake Ontario rise so rapidly?

This year's early peak came from:

1. An early, fast melt driven flow surge of the **Ottawa River**
2. The Board's reaction to it, based on the tiers of the **F-Limit**
3. An **intense rain event** creating a 2nd Ottawa River flow surge 20% higher than the first peak!

This graphic shows a decrease in outflow for the first Ottawa Peak, an increase, the impact of the intense rain and a further outflow decrease. The slow increase (not faster than the J-Limit navigation safe flow rates), has us back on track. ***Whew!***

SUMMARY – NO Risk of Flooding. 2023 will *be an Above Average Levels Year!*

- The **peak was 247.41'** and we're already lower - helped by a very extended stretch of dry, dry weather (after a very wet end of April/beginning of May)
- Lake Ontario Basin - **0.00 precipitation for 11 straight days** from 5/8 to 5/18.
- F-Limit did its job this year... **saved Montreal area from severe flooding** by the extremely high Ottawa freshet at little to no cost to other stakeholders.

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