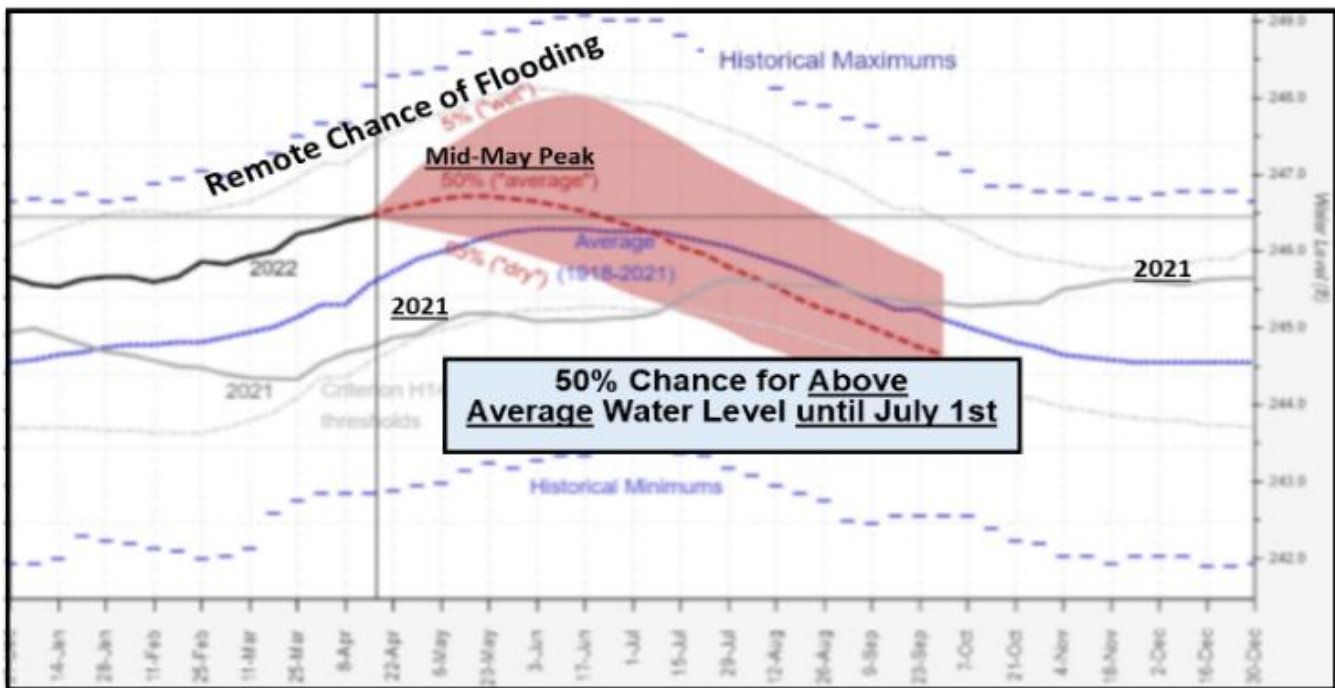


Spring – The River Flows with Lots of Water – But Not Too Much Yet

Full Article TIA Water Levels Committee (5/1/22)

Lake Ontario Water Level Forecast 22 April through 30 September 2022 — (Issued on 14 April)



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

Referring to the 4/21/22 Weekly Water Updates [graphic](#) (found on next page) we'll add some abbreviations. Late April water levels & flows are mostly ranked half way between Average (A) and way Above Average (AA) according to the [ILOSRLR Board's FB Page](#) post. We call this half way ranking A+ or A- for either side of Average, which is the downward trend for Lake St. Lawrence. 'Nothing is Average!' See example →

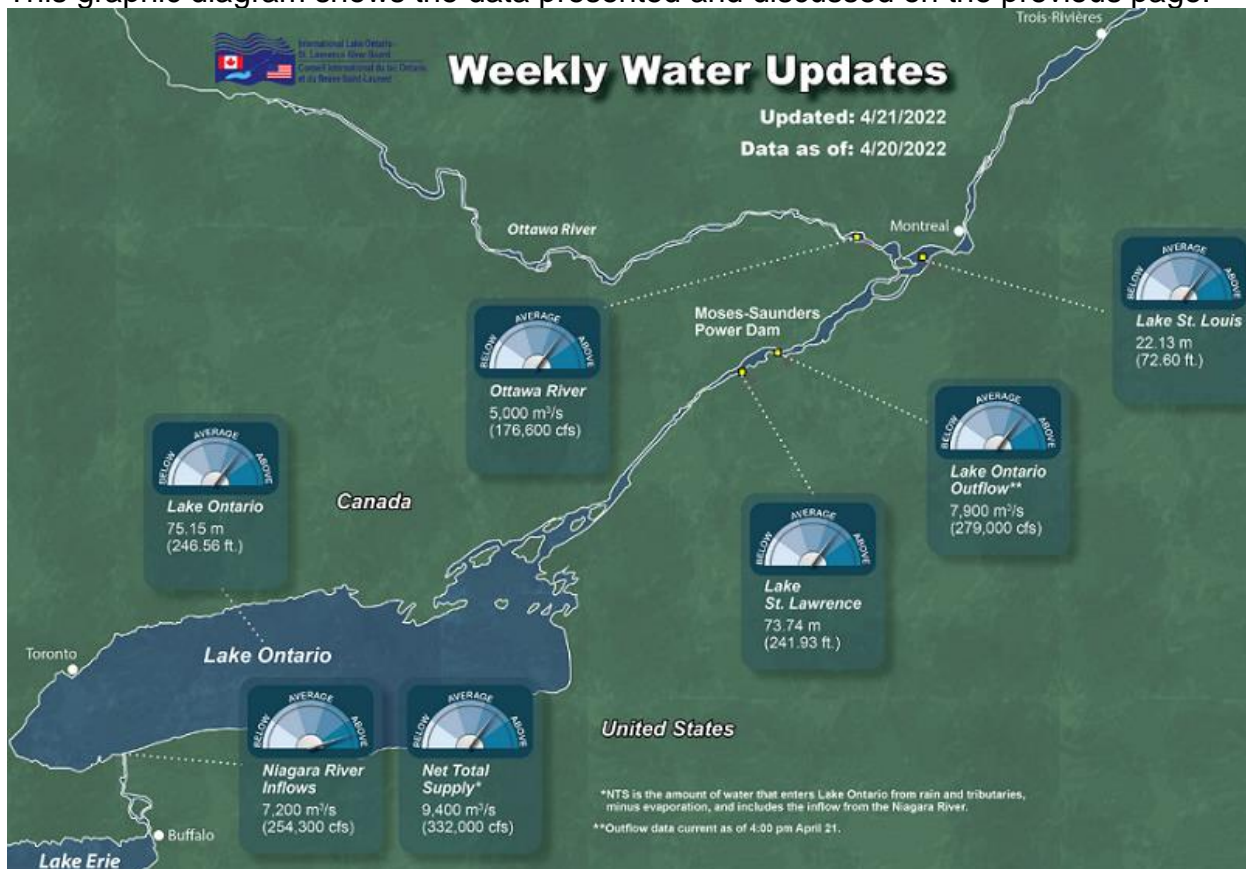


Niagara River Outflow from Lake Erie is 7,200 m³/s (the only AA ranking). Precipitation & runoff adds 2,200 m³/s for a 9,400 m³/s the Net Basin Supply total. Comparing the **total Inflow Into** Lake Ontario of 9,400 m³/s (A+) with the current **SL River Outflow** of 7,900 m³/s (A+) for the week ending April 28th, indicates that **levels will continue rising until a mid/late May peak**.

Now for some observations from the 6 Month Forecast graphic shown at the top:

- No Flooding in 2022, water levels remaining above average (10 inches currently) until early July, when the 50% line crosses and heads *below* long term average.
- 2022 is still a mirror image of 2021 – higher spring & lower fall water levels
- Lake Ontario & the River are now about +3.25 feet (A+) above their chart datum references
- The Ottawa River freshet A+ flow of about 5,000 m³/s arrives through multiple tributaries around the islands of Montreal and joins the SL River A+ Outflow of 7,900 m³/s at Lake St. Louis. The combined flow volume becomes **12,900 m³/s!**
- The Ottawa River outflows appear to have stabilized and begun their anticipated decline through the coming weeks, as snow further melts in the northern basin.
- SL River outflow is still reduced by the F Limit, lessening flooding potential in the Montreal A+ levels region. *Compared to flood years, today's minor higher water annoyance is a good thing.*

This graphic diagram shows the data presented and discussed on the previous page.



[Graphic from the ILOSLR Board's Weekly Water Levels Facebook 4-21-22 post](#)

For [the data from the next week beginning on 4/28/22, click here](#)

Expedited Review of Plan 2014:

- The **GLAM Committee** (Great Lakes Adaptive Management) completed Phase 1 of the expedited review of Plan 2014
- Videos explaining this work and a copy of the report are available [here](#)
- Phase 1 focus – better information and tools, enabling the Board to make deviation decisions (like in 2017/19) with a better understanding of impacts to ALL stakeholders
- Feedback from Board members is that they did NOT have nearly as much information as they wanted regarding flooding impacts in various locations to help them make decisions in 2017/2019
- A Decision Support Tool (DST) was developed to help provide them with this information for future scenarios when (not if) we see high water levels and they have deviation authority
- The DST will help the Board model the results of different outflow options and make more informed decisions about the impacts those results will have on the various stakeholders
- Small 1000 Islands informational session with key stakeholders was held on 4/13
- TIA was represented by our Board member Vince Barton at the session
- Focus was sharing the work of Phase 1, Q&A, and opening a continuing dialogue
- The IJC/GLAM/Board is VERY open to feedback about how they can improve their communication with our community
- Phase 2 is already underway and will focus on the workings of the plan itself (the “formula” that calculates outflows, F Limit, L Limit, etc.)