



## Fox River Status Update May 19<sup>th</sup>, 2023

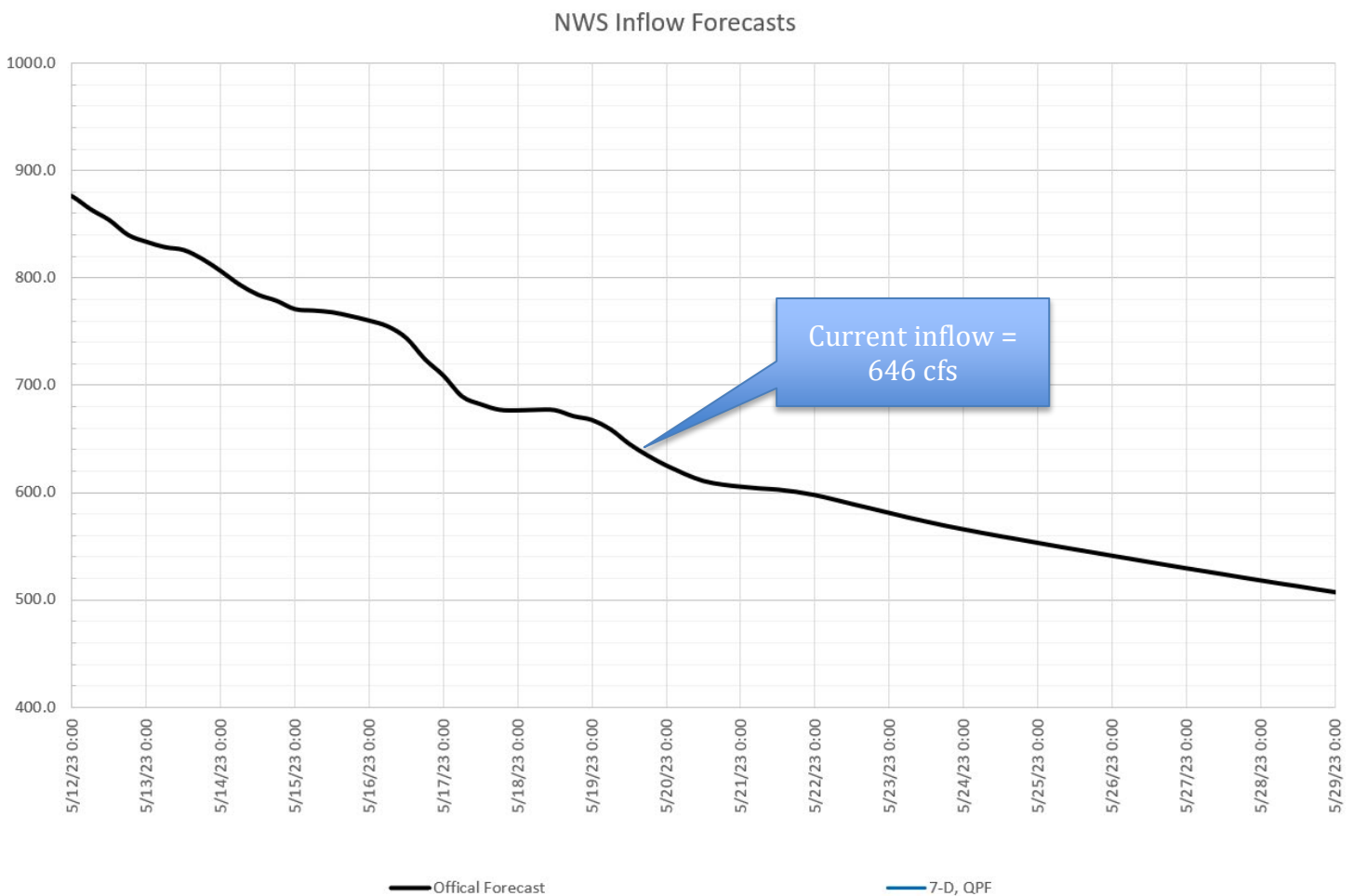
*\*This Update is based on the current forecast and will be adjusted based on future forecasts and rainfall.*

### Summary

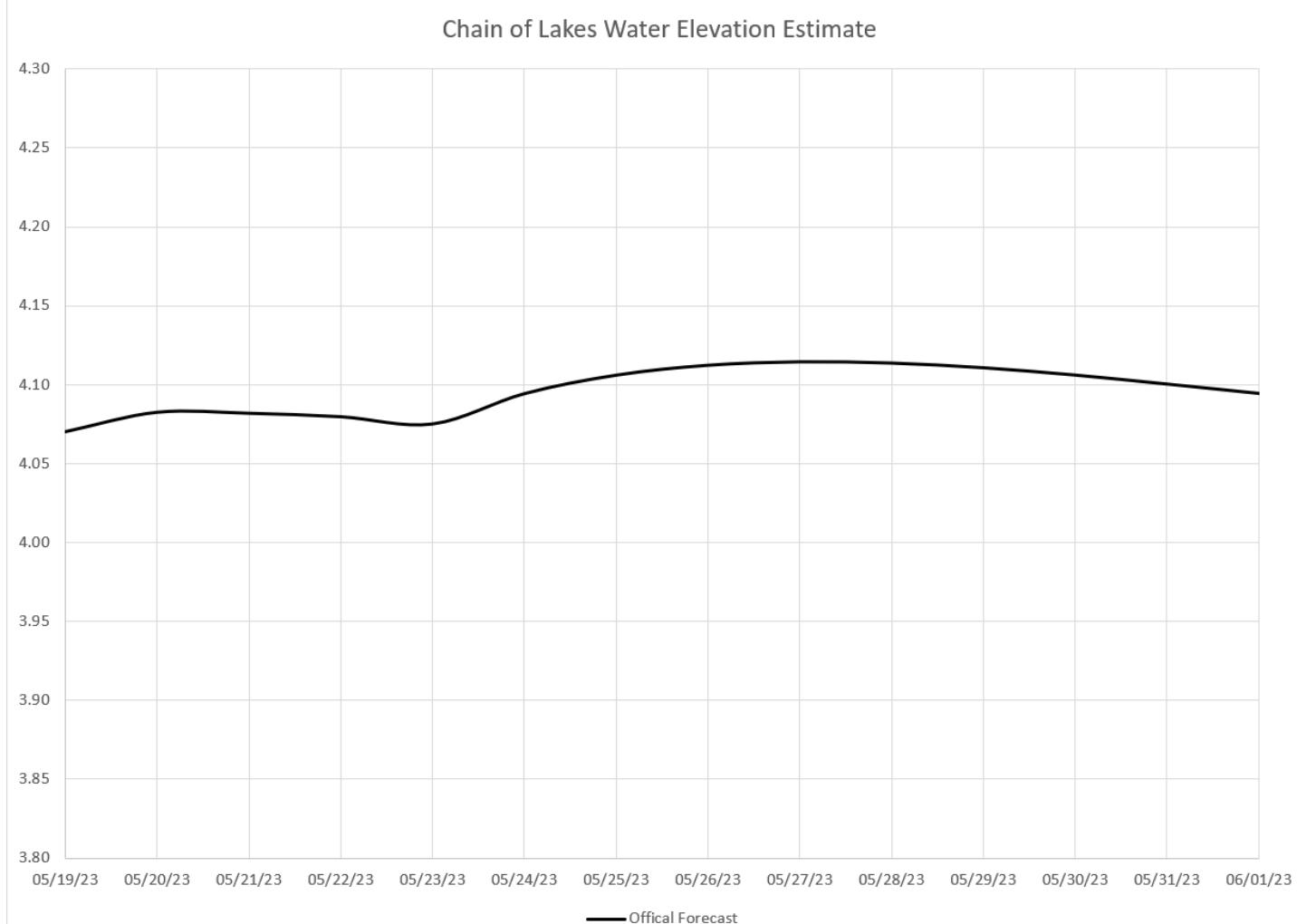
There is currently 0" inches of rain forecasted for the next seven days. Inflows are below the median for New Munster and Nippersink Creek for this date. Conditions on the lower river are going to be low and are expected to get worse.

### Current Conditions and NWS Forecasts

**Figure 1:** NWS Forecasted Inflows (in cubic feet per second)



**Figure 2:** Estimated Fox Lake Gage Height



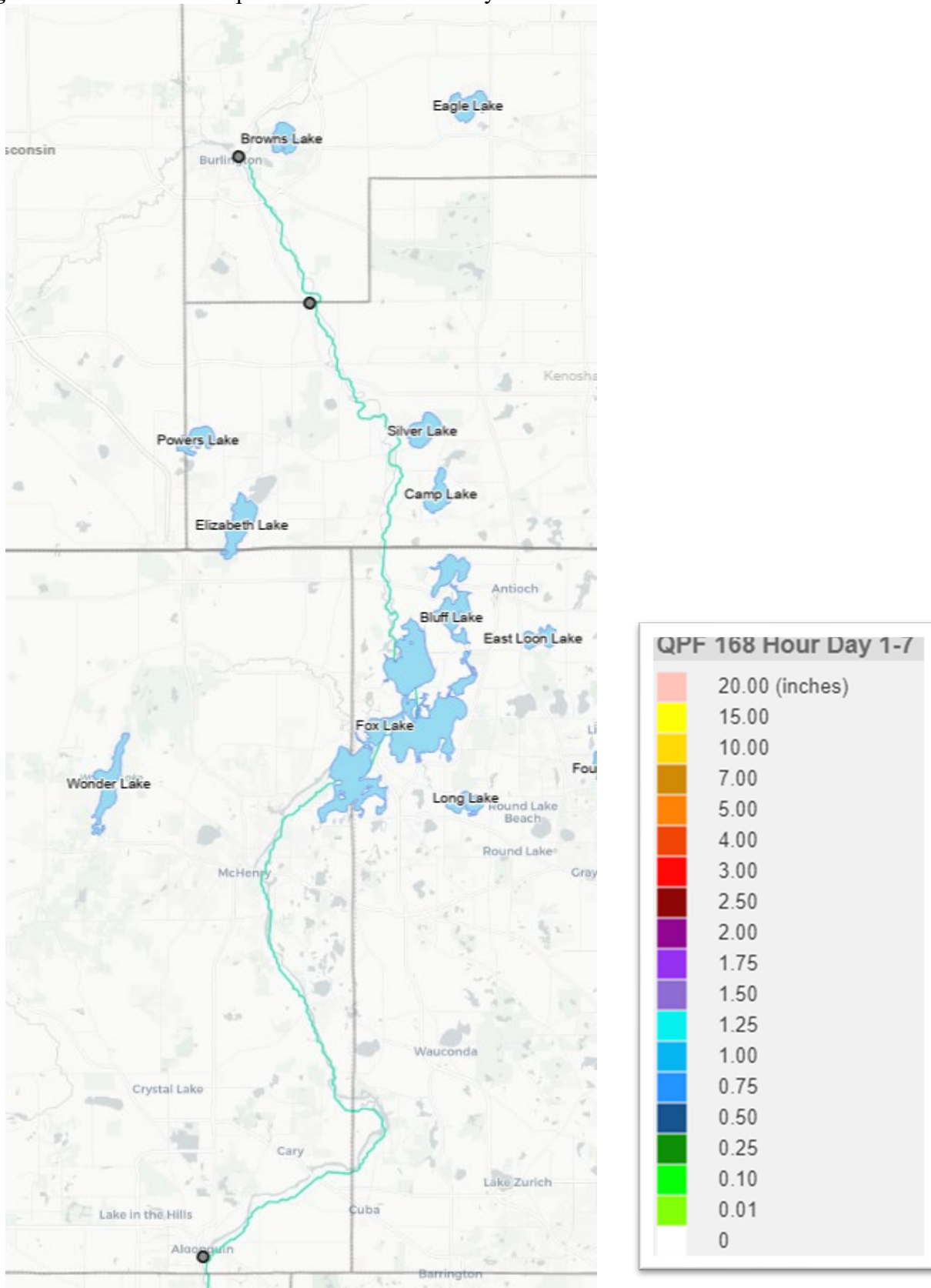
### Current Conditions

Measured flow on the Fox River near New Munster, WI is 408 cfs and Nippersink Creek near Spring Grove is 124 cfs. The total net system inflows are 646 cfs; the outflows at Stratton Dam are 562 cfs. The Fox Lake stage is 4.09 ft; the Stratton Dam Tailwater stage is 1.04 ft. The Fox River at the Algonquin Dam headwater stage is 1.54 ft.

### Forecast

Inflows are slowly decreasing, as shown above in **Figure 1**. Fox Lake and all areas of the system are holding steady shown above in **Figure 2**. The NWS 7-day forecast is predicting 0 inches of precipitation for the Fox River watershed over the next week as shown on **Figure 3**.

**Figure 3: Forecasted Precipitation for the Next 7 days**



Source:

<https://viewer.weather.noaa.gov/general#/layers=35225+40090+40146+40091+42149+42377+40134&x=-88.48082&y=42.38798&z=9.6&panel=layer>

# System Outlook

## Chain O' Lakes Outlook

Water levels are expected to hold between 4.0' and 4.2' for the forecast provided.

## McHenry Pool Area Outlook

Water levels are expected to hold between 3.9' and 4.1' for the forecast provided.

## Lower River Outlook

The Lower River should hold between 0.85' and 1.05' for the forecast provided. Conditions are very dry and expected to worsen without any rain in the forecast. Caution should be used while navigating the lower river.

IDNR-OWR will continue to monitor conditions and will make changes as necessary pending future forecasts and conditions.

Thank you,

Wes Cattoor

Office of Water Resources

Illinois Department of Natural Resources

<https://www.dnr.illinois.gov/WaterResources/Pages/StrattonLockandDam.aspx>