



Illinois Department of Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271
www.dnr.illinois.gov

JB Pritzker, Governor

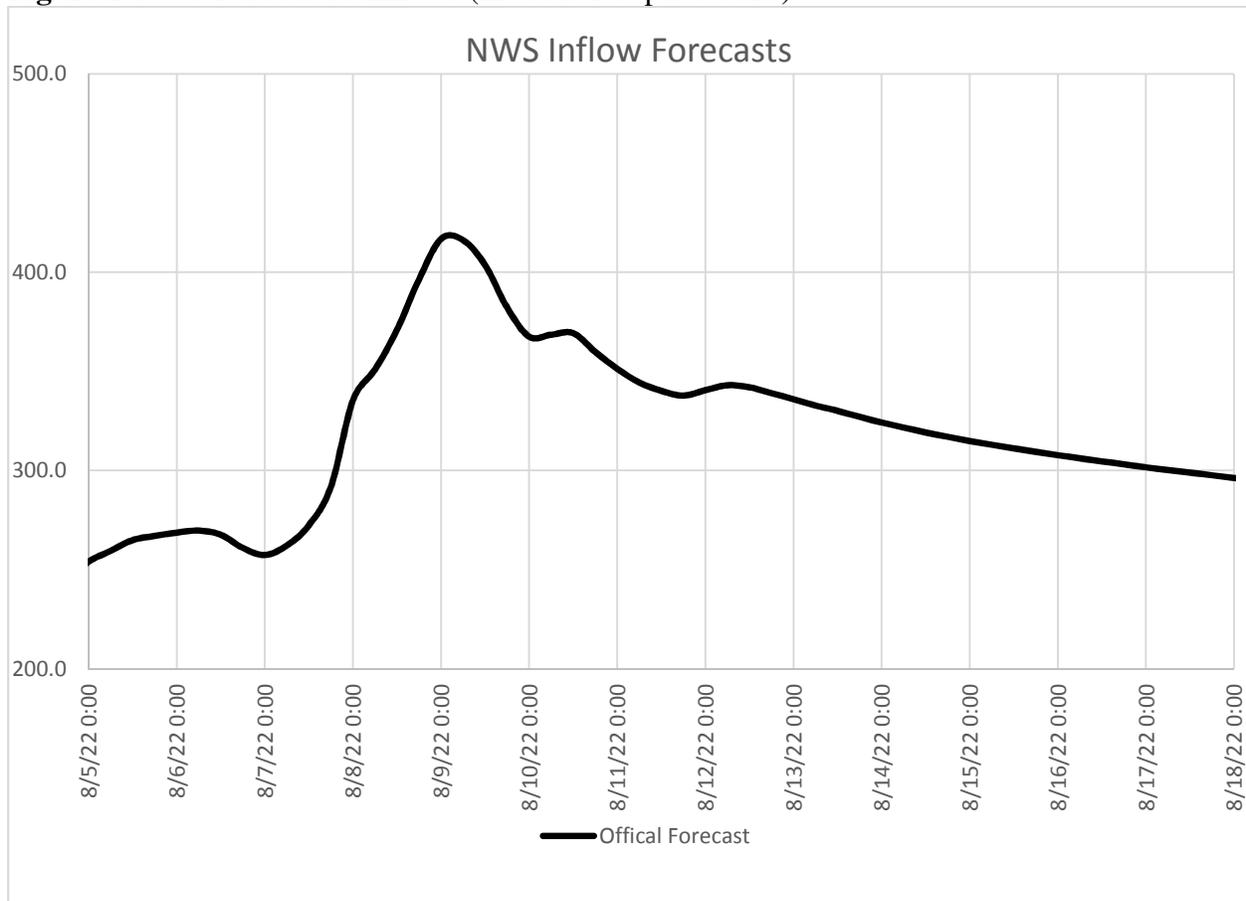
Colleen Callahan, Director

Fox River Status Update August 11, 2022

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

Summary: Currently there is no rainfall forecasted in the watershed for the next 7 days. The system remains in low flow conditions, with inflows just over 300 cfs. Outflows are slightly below the inflows to keep the lakes and upper river near 4.2”.

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



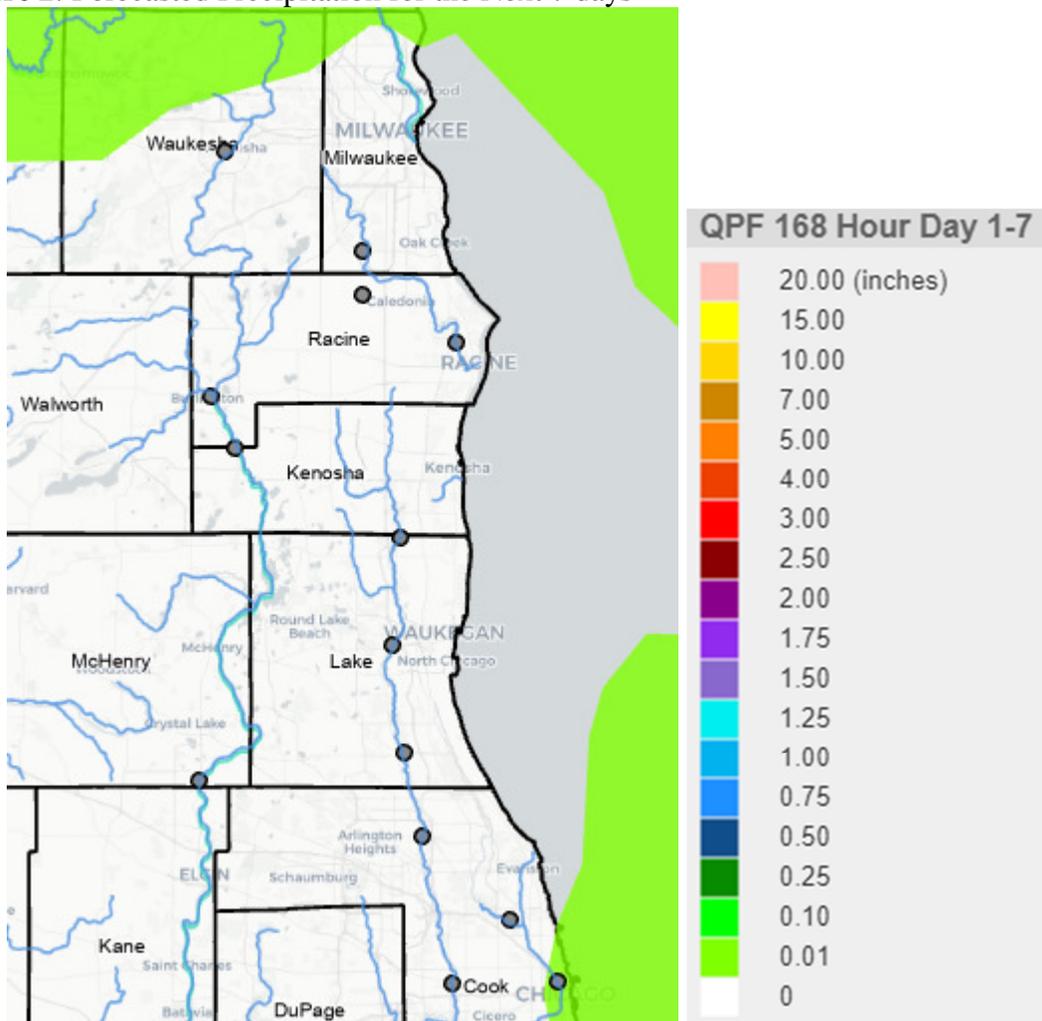
Current Conditions

Measured inflows on the Fox River near New Munster, WI are 207 cfs and Nippersink Creek near Spring Grove are 88 cfs. The National Weather Service (NWS) estimates local tributary inflows of 5 cfs. The total net system inflows are 300 cfs with the minimum required outflow at 196.8 cfs; the outflows at Stratton Dam are 288 cfs. The Fox Lake stage is 4.20 ft; the Stratton Dam Tailwater stage is 0.79 ft. The Fox River at the Algonquin Dam headwater stage is 1.46 ft.

Forecast

Inflows are forecasted to remain near the current levels, as shown above in **Figure 1**. The NWS 7-day forecast is predicting no precipitation for the Fox River watershed as shown on **Figure 2**. The Chain O'Lakes is forecasted remain near 4.20'.

Figure 2: Forecasted Precipitation for the Next 7 days



Source: <https://dashboard.waterdata.usgs.gov/>

Chain O' Lakes Outlook

Water levels are expected to stay near at 4.2' for the next week. The outflows will be adjusted to maintain required minimum outflows while retaining as much water as possible.

McHenry Pool Area Outlook

The Upper River near the McHenry Pool will be roughly the same as the lakes but a slightly lower elevation.

Lower River Outlook

Since inflows to the system are expected to remain in low flow conditions, as shown in **Figure 1**, the lower river will remain low over the next week.

Drought Forecast

The Fox River watershed in Kenosha and Racine counties in Wisconsin are still experiencing abnormally dry conditions resulting in below average flow coming into the system. This will continue to keep inflows to the system low.

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

Thank you,

Wes Cattoor, P.E., CFM

Wes.cattoor@illinois.gov

Office of Water Resources

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

Report compiled by: Aaron Rotherham