



Illinois Department of Natural Resources

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JB Pritzker, Governor

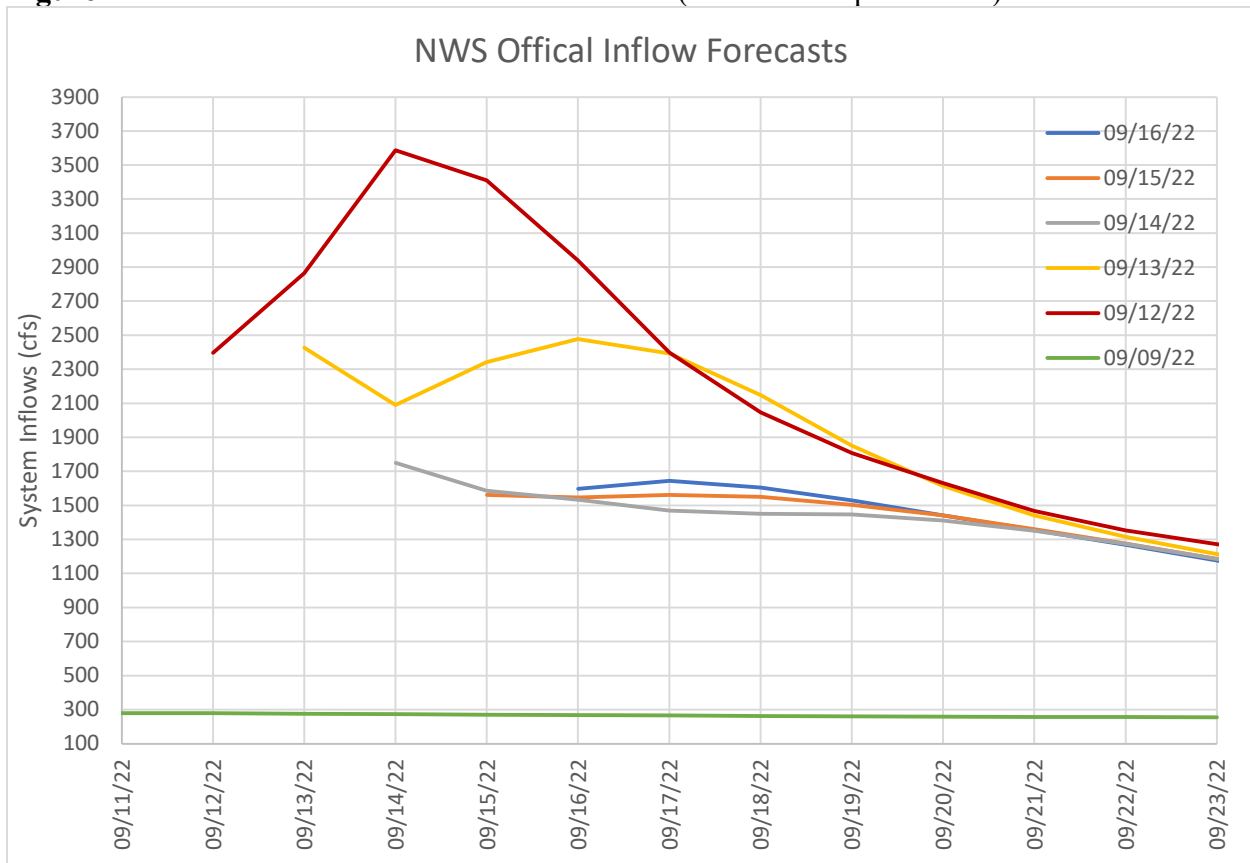
Colleen Callahan, Director

Fox River Status Update September 16, 2022

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

Summary: Currently there is approximately 0.85” of rain forecasted in the watershed for the next 7 days. Inflows are forecasted to raise slightly over the weekend, peaking at 1646 cfs.

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



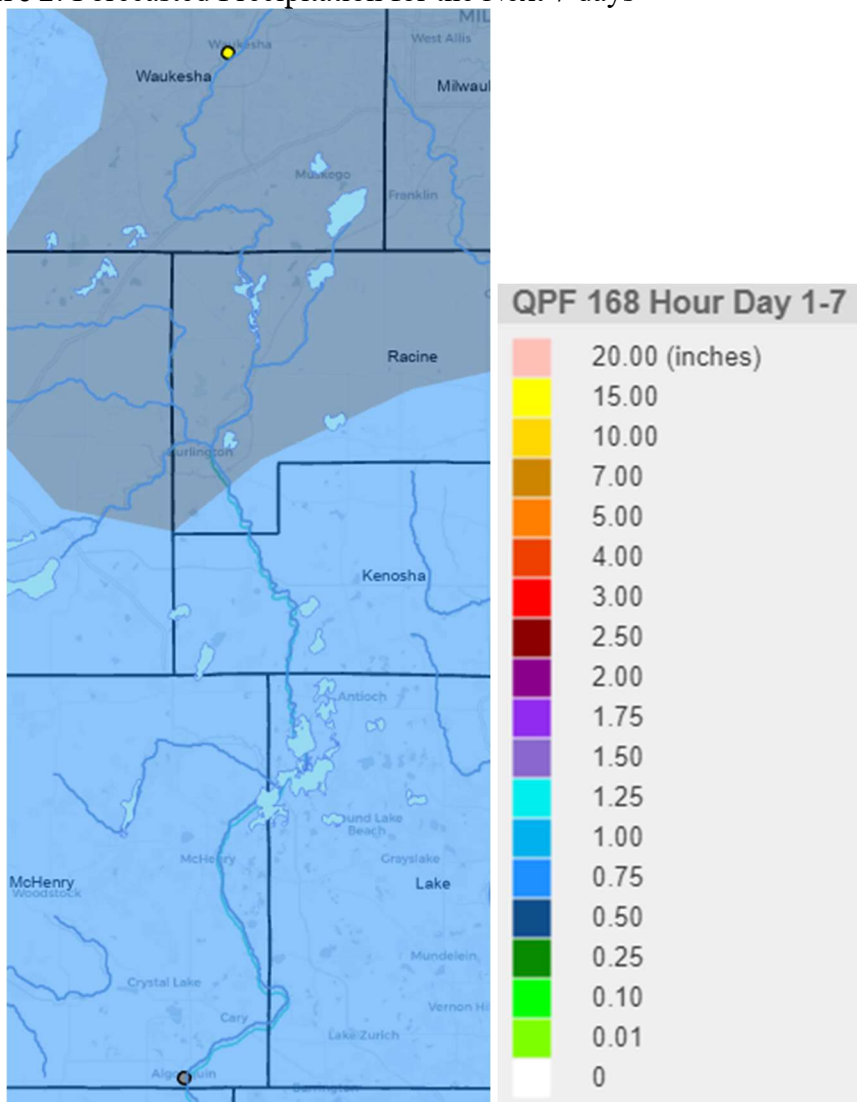
Current Conditions

Measured flow on the Fox River near New Munster, WI is 1410 cfs and Nippersink Creek near Spring Grove is 144 cfs. The National Weather Service (NWS) estimates local tributary inflows of 44 cfs. The total net system inflows are 1598 cfs; the outflows at Stratton Dam are 1954 cfs. The Fox Lake stage is 4.28 ft; the Stratton Dam Tailwater stage is 2.79 ft. The Fox River at the Algonquin Dam headwater stage is 1.99 ft.

Forecast

Inflows are forecasted to remain elevated from the rain this past Sunday and what is forecasted this weekend, as shown above in **Figure 1**. The NWS 7-day forecast is predicting near 1.0” precipitation for the Fox River watershed as shown on **Figure 2**.

Figure 2: 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>

Chain O' Lakes Outlook

Water levels are forecasted to increase to 4.26' on Monday. Based on the current forecasts, the outflows will remain above average until the Summer Pool level is achieved.

McHenry Pool Area Outlook

The Upper River near the McHenry Pool will be near 3.5' as storage is created for the upcoming rain event this weekend. After the near 6" rain received in Waukesha moves through the system, it should start to stabilize.

Lower River Outlook

All of the previous rainfall is still moving through the system, creating higher flow conditions. The pending rain this weekend will keep levels elevated, as shown in **Figure 1**, the lower river will remain near current water levels.

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

Thank you,

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Office of Water Resources

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