



Illinois Department of Natural Resources

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JB Pritzker, Governor

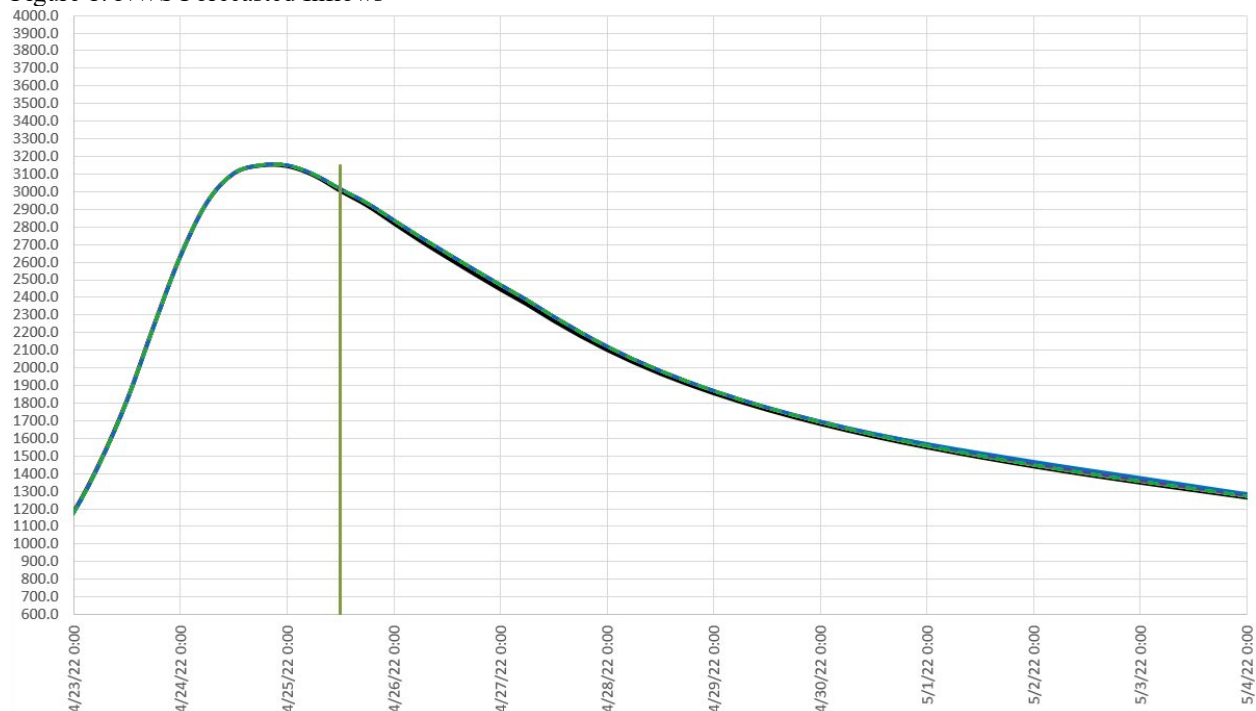
Colleen Callahan, Director

Fox River Status Update April 25, 2022

Update: 1.75 inches of rain has fallen over the watershed in the last three days. The NWS has increased their inflows forecast. Lakes will crest around 4.8 on Wednesday and the Lower River will see tailwaters at McHenry of 3.5.

This is based on the current forecast and will be adjusted based on actual rainfall.

Figure 1: NWS Forecasted Inflows



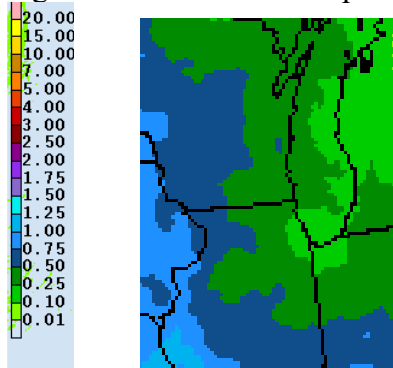
Current Conditions

Measured inflows on the Fox River near New Munster, WI are 1890 cfs and Nippersink Creek near Spring Grove are 493 cfs. The National Weather Service (NWS) estimates local tributary inflows of 622 cfs. The total system inflows are around 3,105 cfs, the outflows at Stratton dam are 2250 cfs. The Fox Lake stage is 4.67 ft; the Stratton Dam Tailwater stage is 3.32 ft. The Fox River at the Algonquin Dam Tailwater stage is 8.41 ft.

Forecast

The NWS 7-day forecast is predicting near 0.4 inches of precipitation for the Fox River watershed as shown on Figure 2. The heaviest rains are forecasted to be on Saturday (0.25"). Inflows are forecasted to continue to drop from their current levels as shown above in Figure 1.

Figure 2: Forecasted Precipitation for the Next 7 days



Source: [Weather Prediction Center \(WPC\) Home Page \(noaa.gov\)](http://www.weather.gov)

Lakes & Upper River Outlook

Water levels are expected to crest around 4.8 on Wednesday week based on the forecast. They will fall to near 4.0 on Thursday next week. The IDNR/OWR continues to closely monitor the forecasted rainfall and inflows provided by the National Weather Service.

Lower River Outlook

The Stratton Dam gates will be continuously monitored and adjusted to maintain a Stratton tailwater gage reading of at or below 3.5 for this week.

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Office of Water Resources

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