



Illinois Department of Natural Resources

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JB Pritzker, Governor

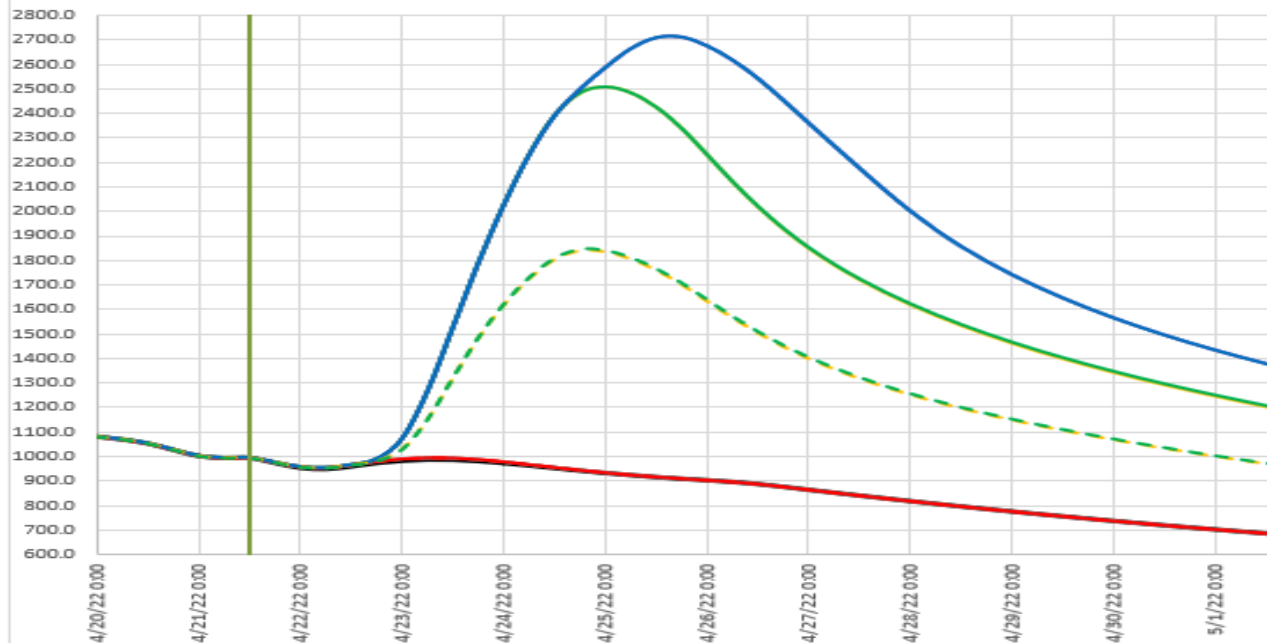
Colleen Callahan, Director

Fox River Status Update April 21, 2022

Update: The NWS has revised their inflow forecast for forecasted weekend rainfall. The dam settings have been adjusted to accommodate the near 1.5” of rainfall forecasted for Friday and Sunday. The lake levels will drop prior to the rainfall. The lower river will see higher water levels similar to the recent prior event.

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

Figure 1: NWS Forecasted Inflows



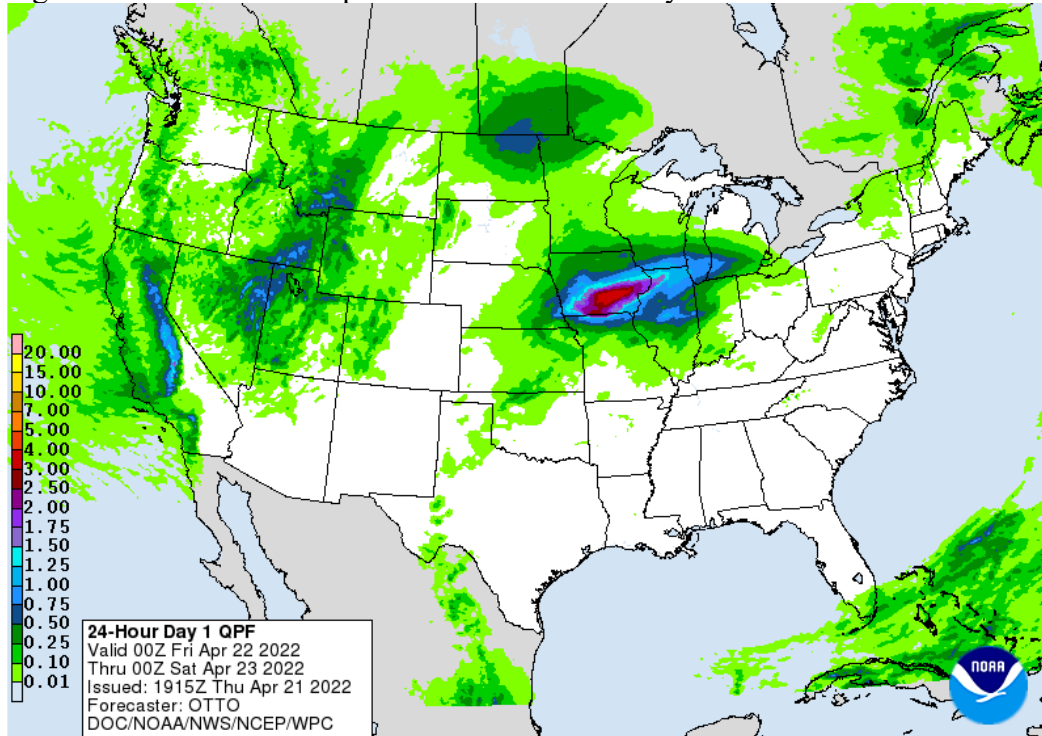
Current Conditions

Measured inflows on the Fox River near New Munster, WI are 606 cfs and Nippersink Creek near Spring Grove are 172 cfs. The National Weather Service (NWS) estimates local tributary inflows of 316 cfs. The total system inflows are 1094 cfs, the outflows at Stratton dam are 2000 cfs. The Fox Lake stage is 4.08 ft; the Stratton Dam Tailwater stage is 1.72 ft. The Fox River at the Algonquin Dam Tailwater stage is 6.12 ft.

Forecast

The NWS 7-day forecast is predicting near 1.5 inches of precipitation for the Fox River watershed as shown on Figure 2. The heaviest rains are forecasted to be on Friday (1.2") and Sunday (0.3"). Inflow are forecasted to reach 2700 cfs as shown above in Figure 1.

Figure 2: Forecasted Precipitation for the Next 7 days



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

Lakes & Upper River Outlook

Water levels are expected to crest around 4.3 on mid next week based on the forecast. They will fall to near 4.0 the following weekend. 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 around 3.0. The water levels are forecasted to hold for a week based on current forecasts.

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Office of Water Resources

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