



# Illinois Department of Natural Resources

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JB Pritzker, Governor

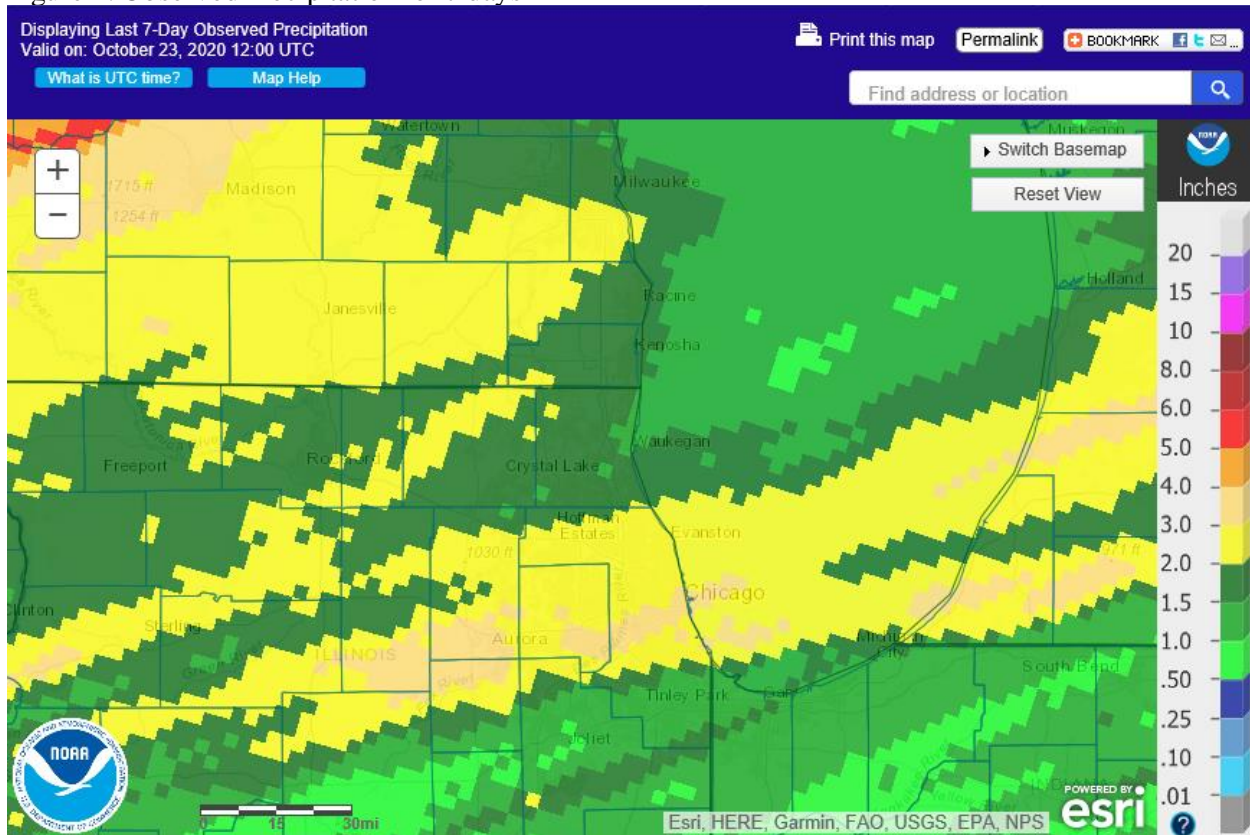
Colleen Callahan, Director

## Fox River Status Update October 23, 2020

### Current Conditions

The observed precipitation from the National Weather Service (NWS) indicates 1½” to 2” of precipitation in the last 7 days (Figure 1). Measured inflows on the Fox River near New Munster, WI are 1200 cfs and rising; flows on Nippersink Creek near Spring Grove are 320 cfs and rising. The Fox Lake stage is 4.28 ft; the Stratton Dam Tailwater stage is 2.04 ft. The Fox River at the Algonquin Dam Tailwater stage is 6.86 ft.

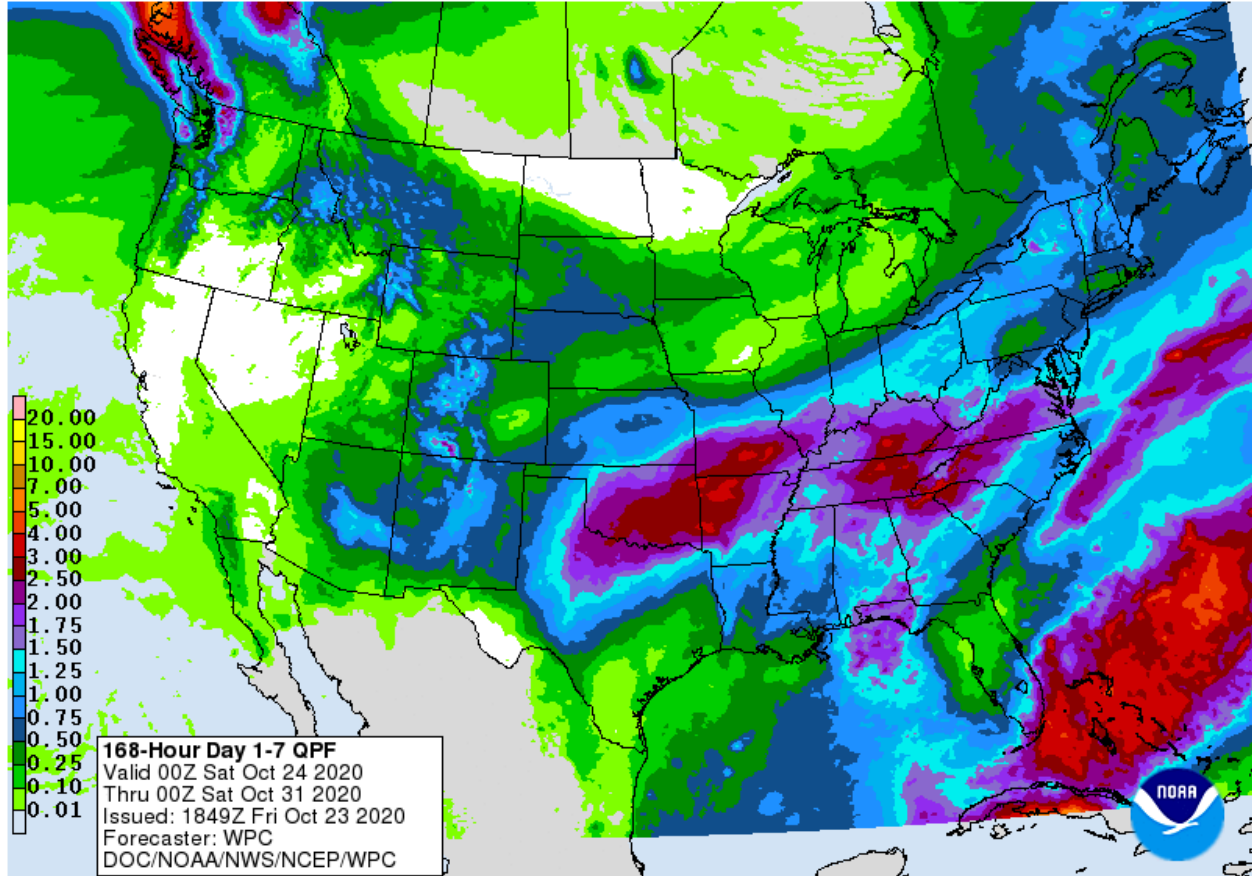
Figure 1: Observed Precipitation for 7 days



### Forecast

The NWS is predicting 0.01” to ¼” of precipitation for the next 7 days in the Fox River watershed as shown on Figure 2. The NWS is forecasting that the Fox River near New Munster, WI will crest at a stage of 10.4 ft on October 24.

Figure 2: Forecasted Precipitation for the Next 7 days



### System Conditions and Operations

As a result of the recent precipitation and the resulting increased inflows, the hinged crest gates at Stratton and Algonquin Dams are opened more to increase the outflows through them. The Fox Lake stage is not expected to rise significantly. Please note that as a result of the increased outflows at Stratton Dam and the start of the winter drawdown on November 1, there would be a gradual rise of stage level in the lower river.

Munib Ahmad, P.E.

Office of Water Resources

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