



# Illinois Department of Natural Resources

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JB Pritzker, Governor

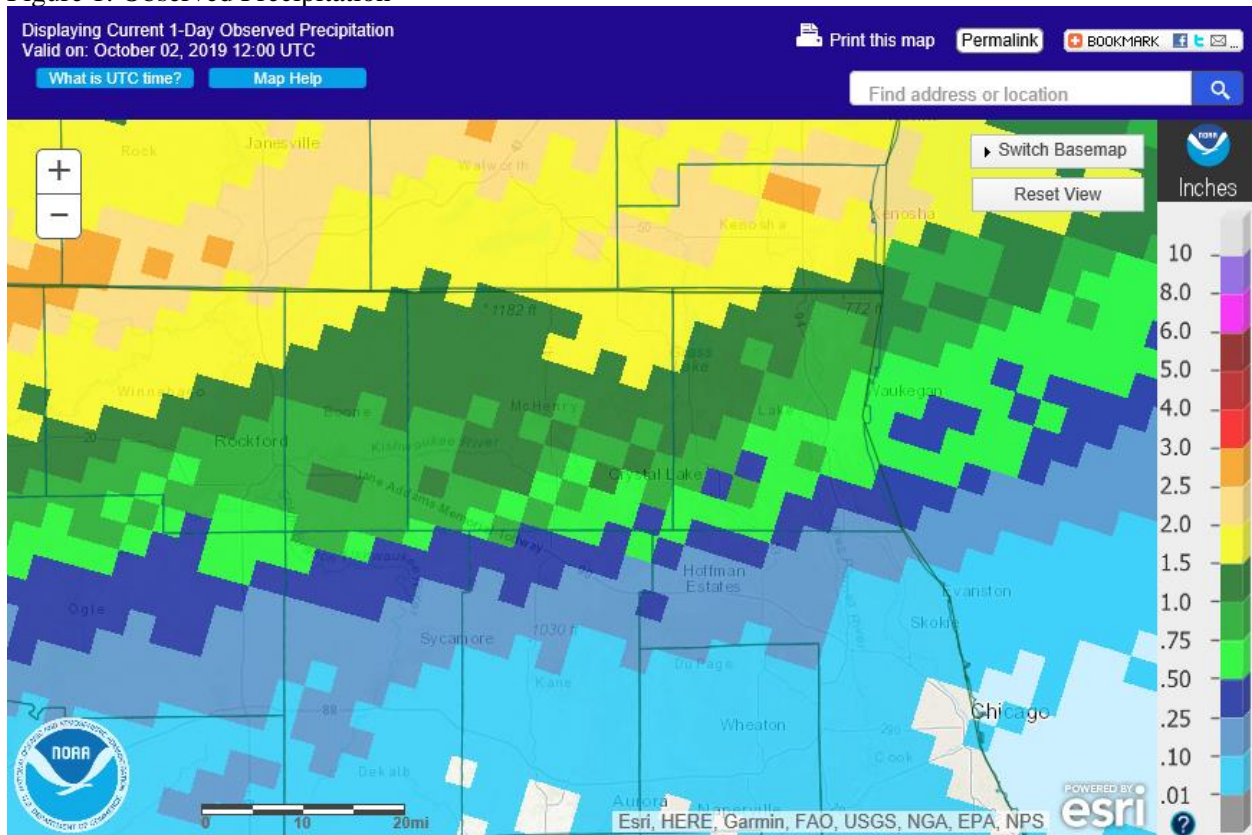
Colleen Callahan, Director

## Fox River Status Update October 2, 2019

### Current Conditions

Fox River watershed received heavy precipitation in the amounts ranging from 1” to 2½” within the last 24 hours as shown on Figure 1. Kenosha, WI received 2.3” and McHenry, IL received 1.09” of precipitation. Measured inflows on the Fox River near New Munster, WI are 2430 cfs and rising; flows on Nippersink Creek near Spring Grove are 900 cfs and rising. The Fox Lake stage is 5.1 ft and the Stratton Dam Tailwater stage is 4.3 ft. The Fox River at the Algonquin Dam Tailwater stage is 9.2 ft.

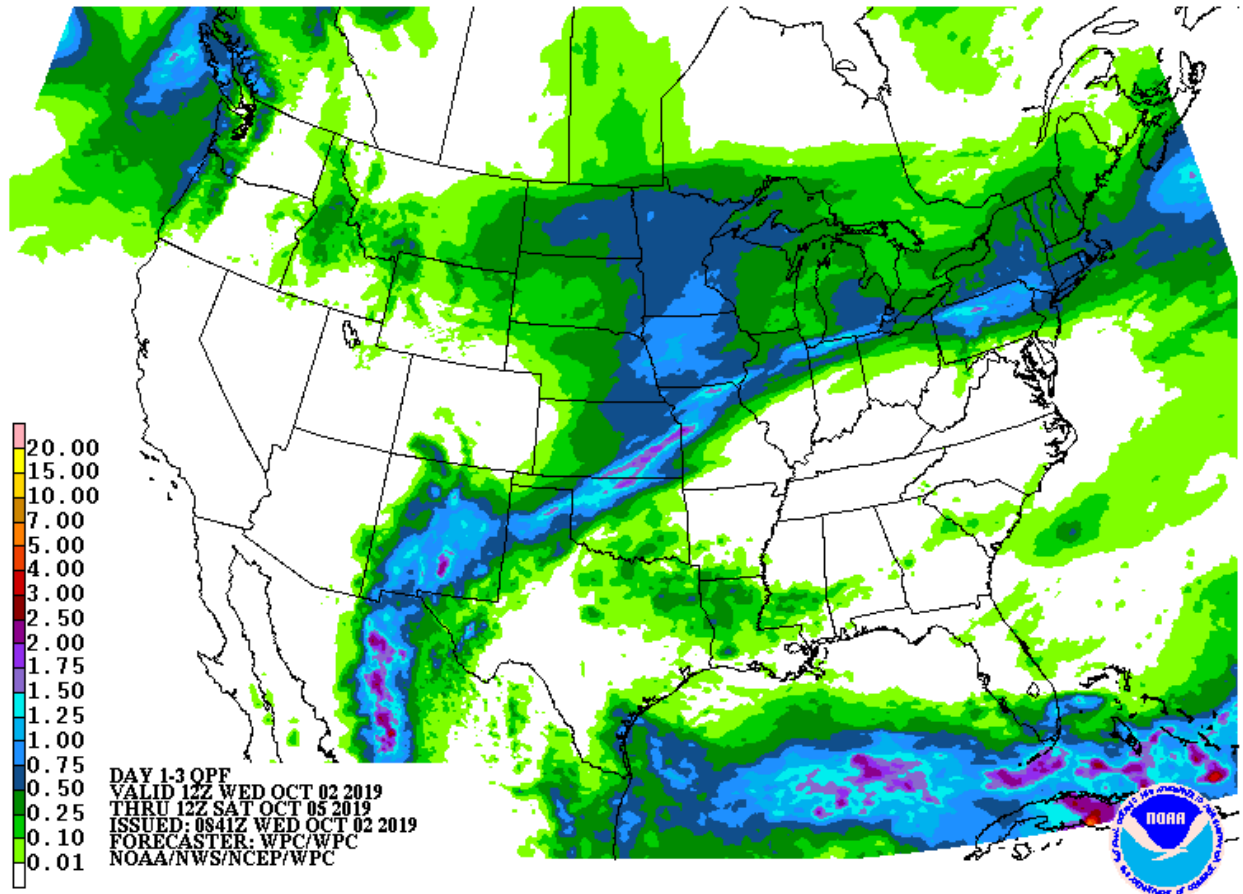
Figure 1: Observed Precipitation



## Forecast

The National Weather Service (NWS) is predicting ¼” to ½” of precipitation for the next 3 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 13.4 ft on October 4<sup>th</sup>. The NWS is forecasting that the Fox River at Algonquin Tailwater will crest at a stage of 10.3 ft on October 7<sup>th</sup> with a flow of 4500 cfs.

Figure 2: Forecasted Precipitation for the Next 3 days



## System Conditions and Operations

Since the inflows have increased substantially due to the precipitation last night, all gates at Stratton Dam and Algonquin Dam are opened to pass as much flow as possible. Based on today’s river forecast from the NWS, our estimates indicate that Fox Lake and Stratton Dam Tailwater may crest near 5.7 ft on Sunday/Monday.

Munib Ahmad, P.E.

Office of Water Resources

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