



Illinois Department of Natural Resources

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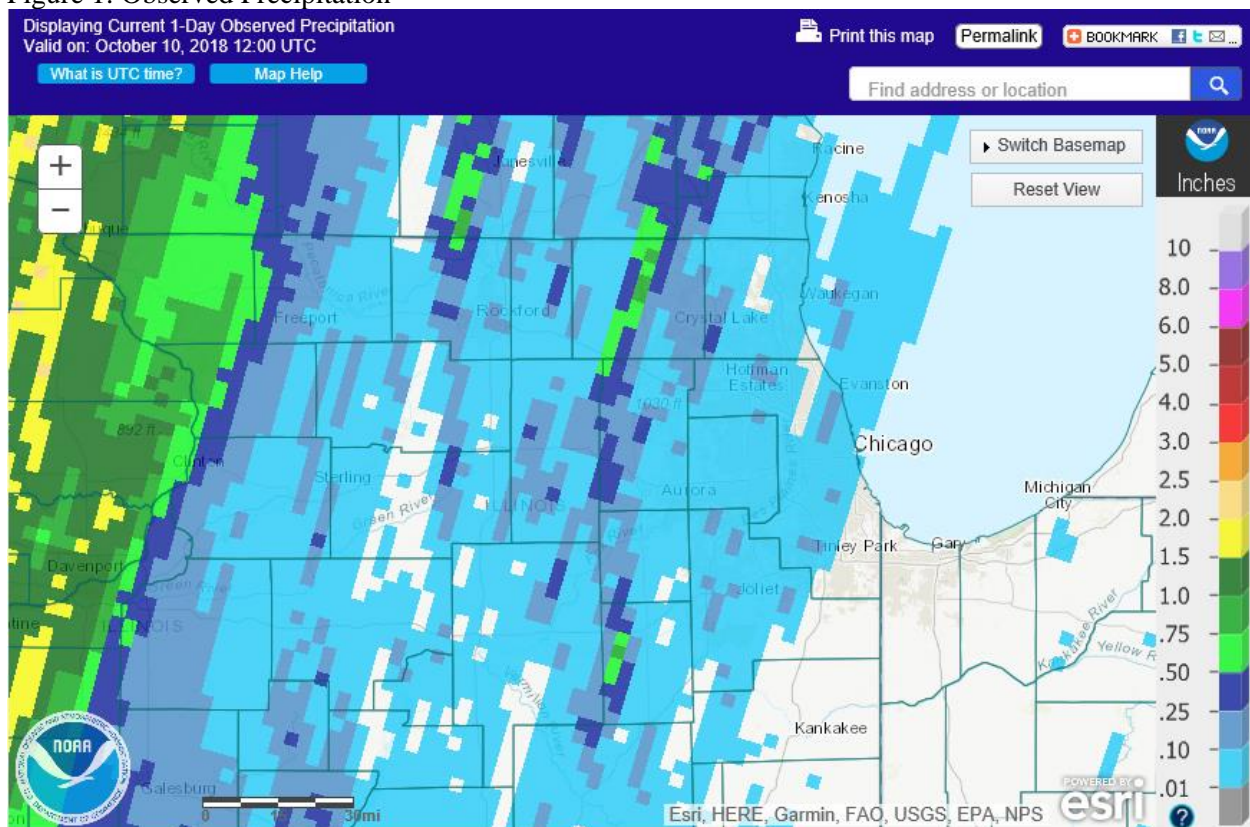
Fox River Status Update October 10, 2018

Current Conditions

Measured inflows on the Fox River near New Munster, WI are 3130 cfs and appears to be cresting; flows on Nippersink Creek near Spring Grove are 720 cfs and dropping. Flows on the Fox River at Algonquin Dam are 4660 cfs. The Fox Lake stage is 6.05 ft and the Stratton Dam Tailwater stage is 5.42 ft. The Fox River at the Algonquin Dam Tailwater stage is 10.41 ft.

Most of the Fox River watershed received very little rainfall during the past 24 hours as shown on Figure 1.

Figure 1: Observed Precipitation

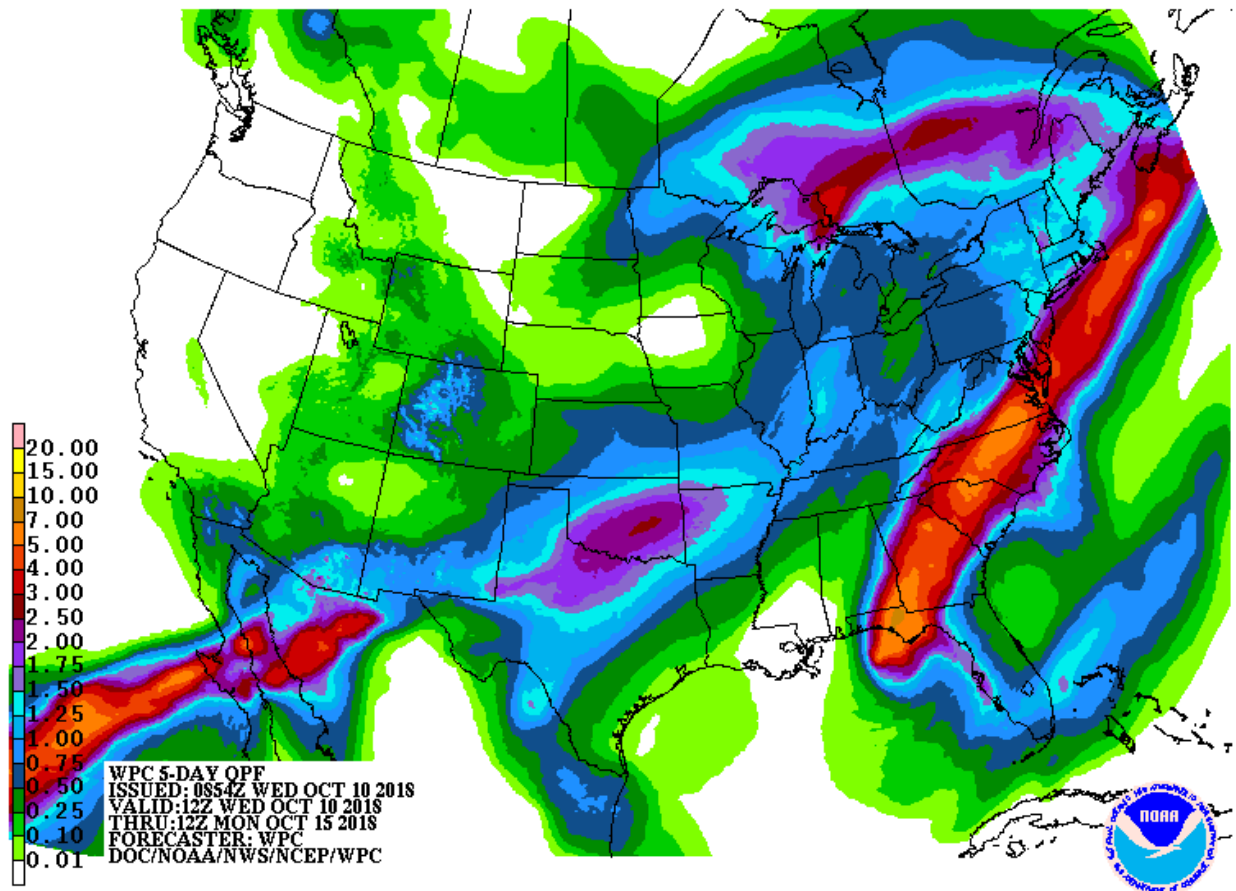


Forecast

As shown in Figure 2, the National Weather Service (NWS) is predicting $\frac{1}{2}$ " to $\frac{3}{4}$ " of rainfall for the next 5 days in the Fox River watershed. Rainfall amounts up to $\frac{1}{2}$ " is predicted for today; very little rain is in forecast for the next few days.

The NWS is predicting the Fox River near New Munster, WI will remain high with a second crest stage of 13.3 feet on October 12, with an estimated peak flow of 3380 cfs. The NWS is forecasting the Fox River at Algonquin Tailwater will crest at a stage of 10.8' with a flow of 5140 cfs on October 11.

Figure 2: Forecasted Rainfall for the Next 5 days



System Conditions and Operations

The sluice gates and the hinged crest gate at Stratton Dam are completely opened. The Stratton Dam is passing as much flow as possible. Hinged crest gate at Algonquin Dam is completely opened.

It appears that stage levels at the Stratton Dam tailwater and the Chain of Lakes is cresting. We are going to keep monitoring rainfall today; it's possible stage levels will go up slightly as a result of today's rainfall.

Rita Lee, P.E., CFM

Office of Water Resources

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