



# Illinois Department of Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271  
www.dnr.illinois.gov

Bruce Rauner, Governor  
Wayne A. Rosenthal, Director

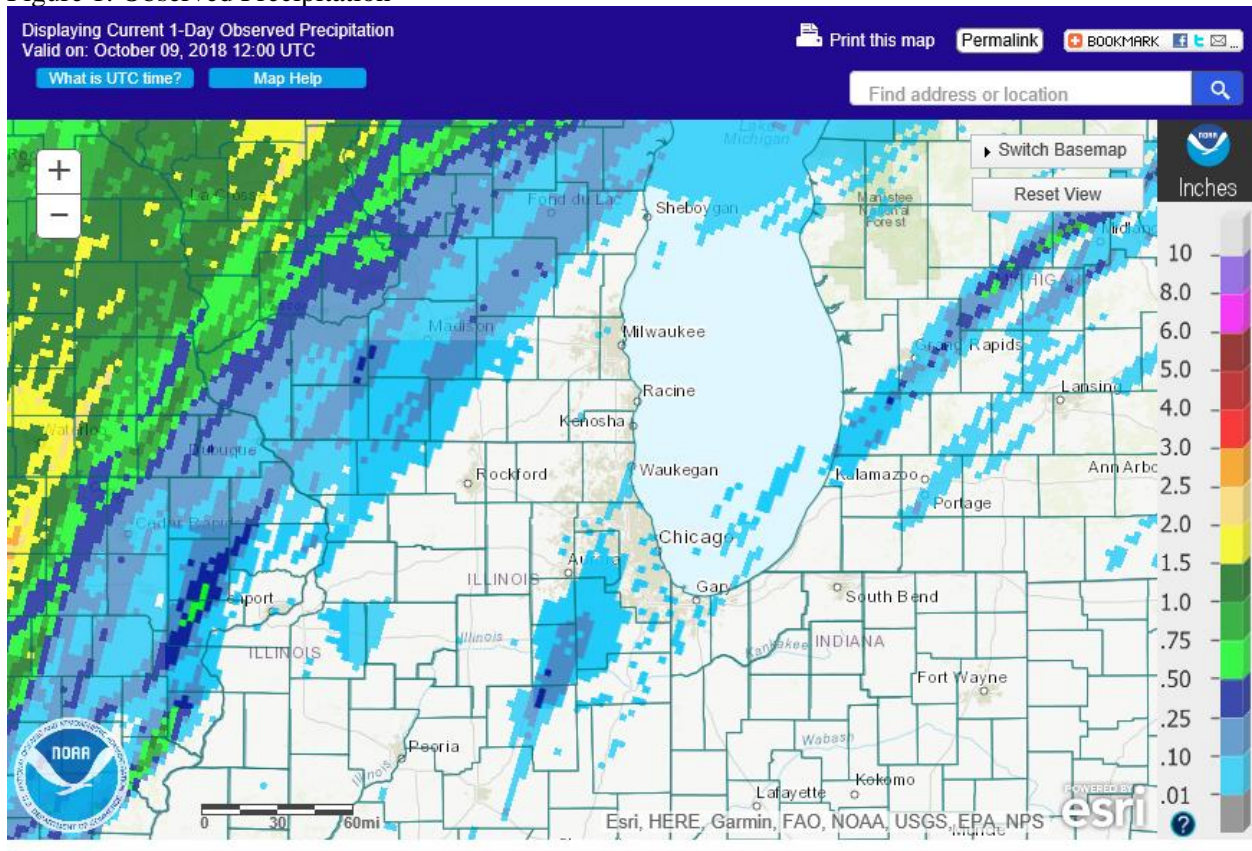
## Fox River Status Update October 9, 2018

### Current Conditions

Measured inflows on the Fox River near New Munster, WI are 3260 cfs and appears to be cresting; flows on Nippersink Creek near Spring Grove are 961 cfs and dropping. Flows on the Fox River at Algonquin Dam are 4490 cfs. The Fox Lake stage is 5.92 ft and the Stratton Dam Tailwater stage is 5.27 ft. The Fox River at the Algonquin Dam Tailwater stage is 10.23 ft.

Most of the Fox River watershed received very little or no rainfall during the past 24 hours as shown on Figure 1.

Figure 1: Observed Precipitation

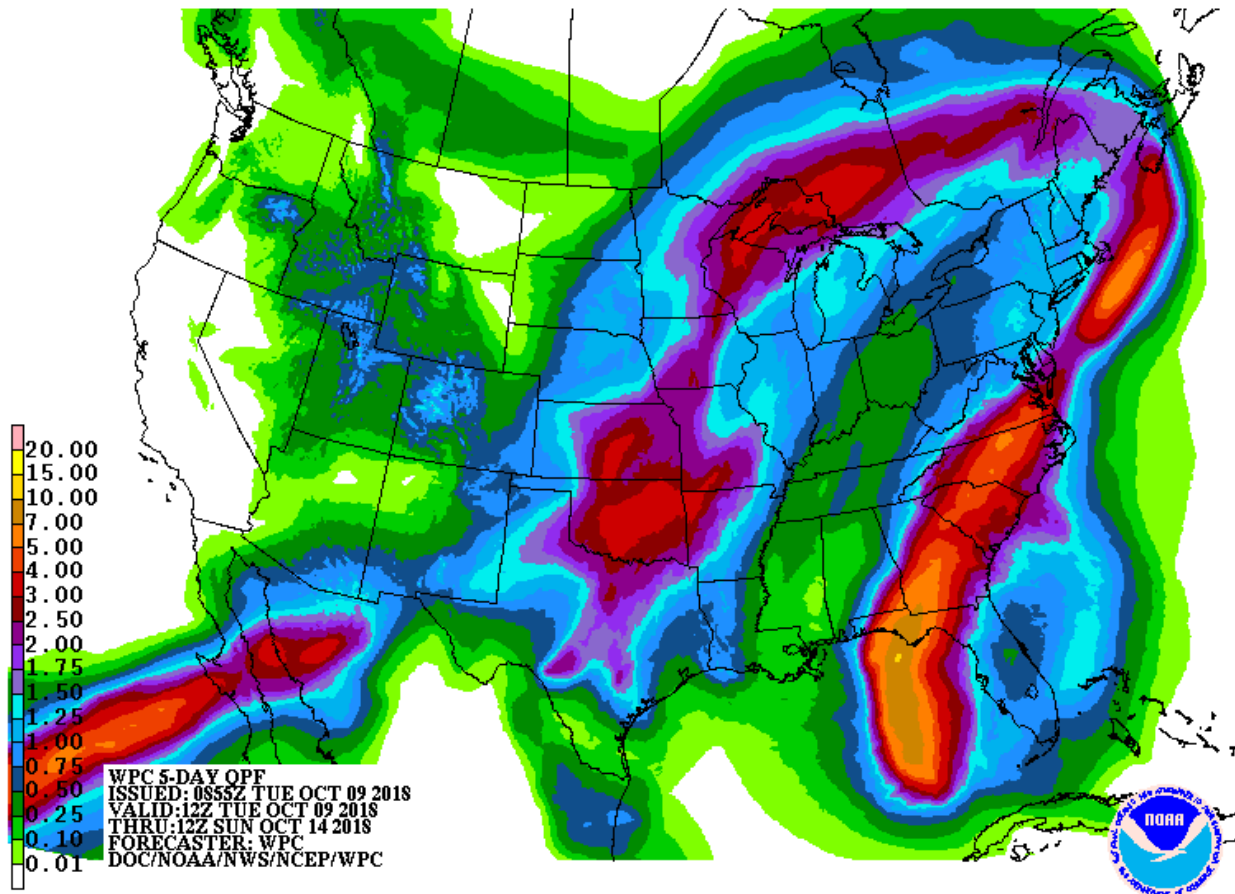


### Forecast

As shown in Figure 2, the National Weather Service (NWS) is predicting  $\frac{3}{4}$ " to 1" of rainfall for the next 5 days in the Fox River watershed. Little rain is expected for today; and about  $\frac{1}{2}$ " is predicted for Wednesday. Little or no rain is expected on Thursday (10/11) over the watershed.

The NWS is predicting the Fox River near New Munster, WI will remain high with a second crest stage of 13.9 feet on October 12, with an estimated peak flow of 3900 cfs. The NWS is forecasting the Fox River at Algonquin Tailwater will crest at a stage of 11' and flow of 5200 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.

Rita Lee, P.E., CFM

Office of Water Resources

Illinois Department of Natural Resources

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