



# Illinois Department of Natural Resources

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

Bruce Rauner, Governor  
Wayne A. Rosenthal, Director

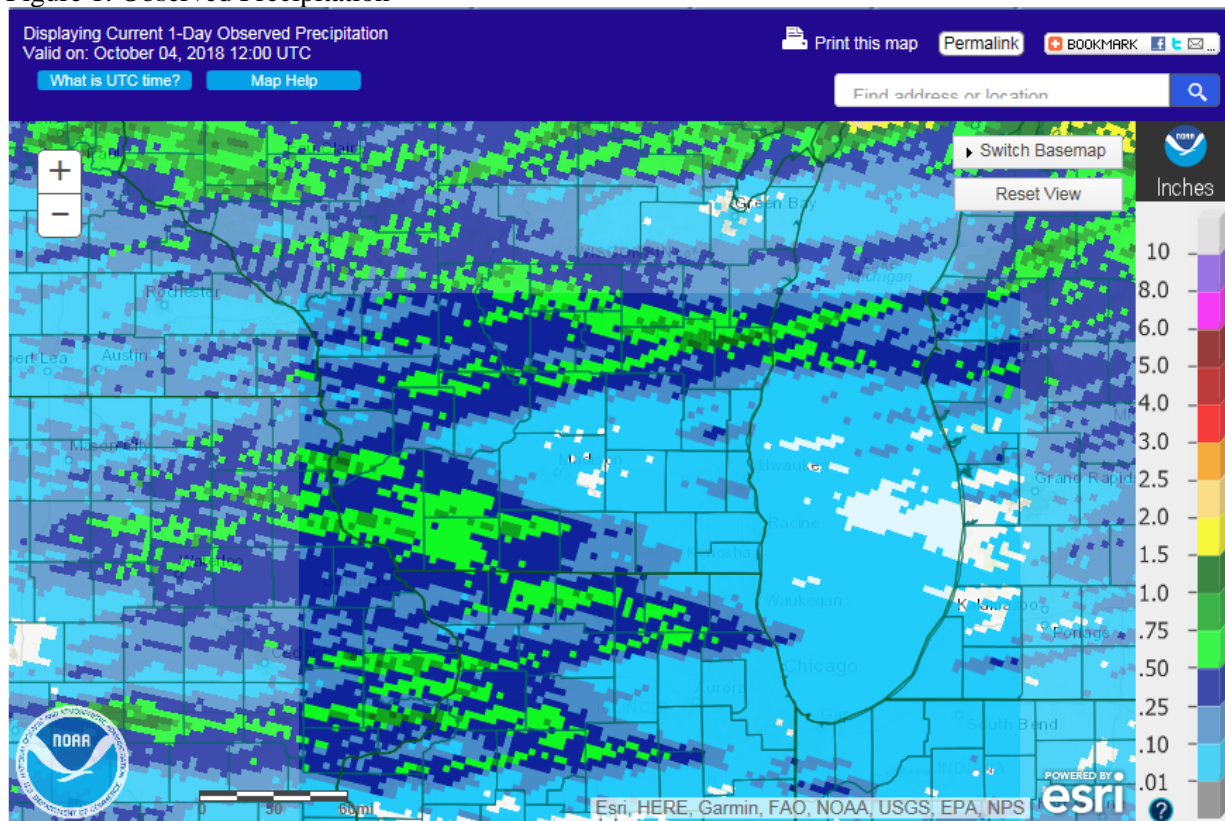
Fox River Status Update  
October 4, 2018 3pm

### Current Conditions

Measured inflows on the Fox River near New Munster, WI are 2750 cfs and slightly falling, and on Nippersink Creek near Spring Grove flows are 420 cfs and falling. Flows on the Fox River at Algonquin Dam are 3010 cfs. The Fox Lake stage is 4.7 ft and the Stratton Dam Tailwater stage is 3.6 ft. The Fox River at the Algonquin Dam Tailwater stage is 8.7 ft.

Most of the Fox River watershed received very little rainfall during the past 24 hours as shown on Figure 1. A 1/4" band of rain fell in McHenry County.

Figure 1: Observed Precipitation

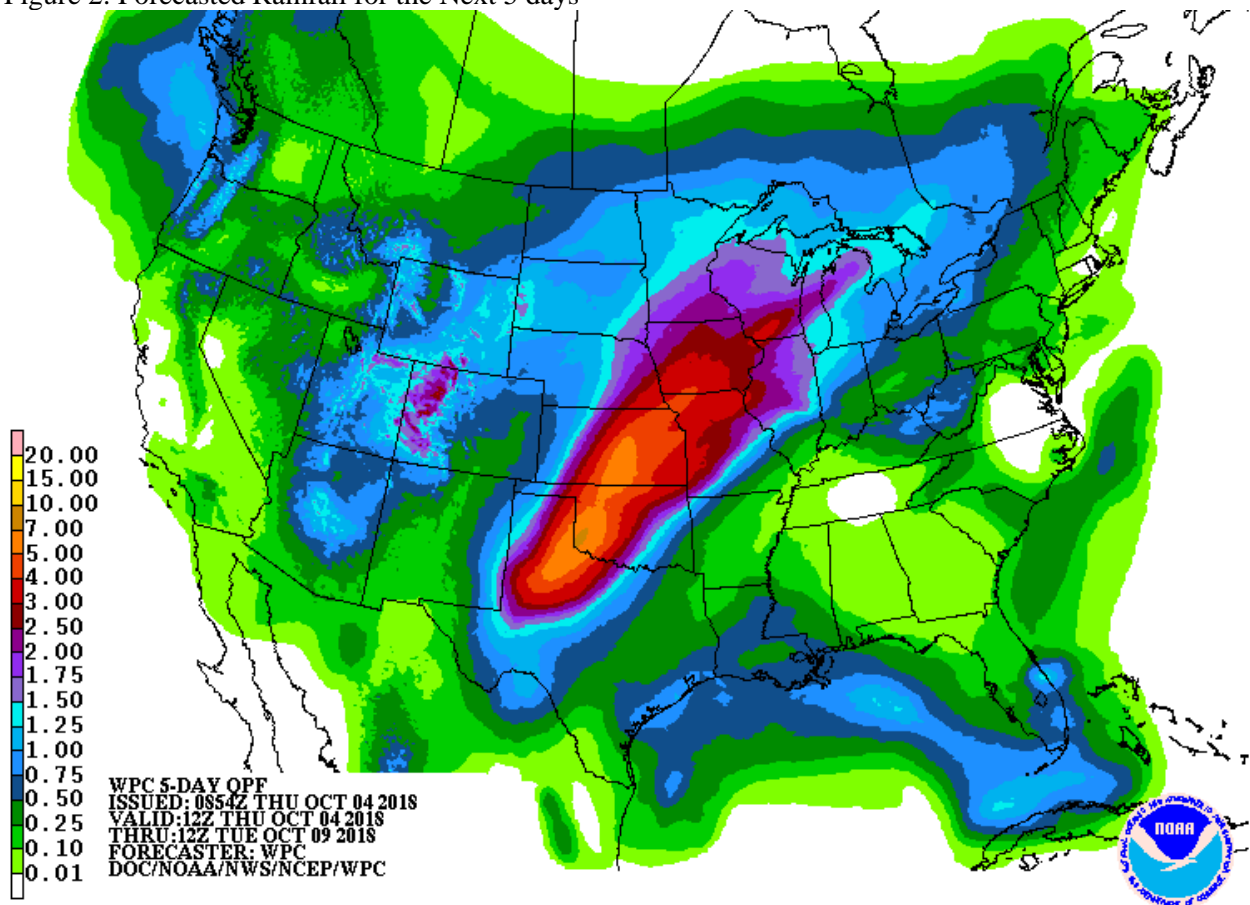


## Forecast

As shown in Figure 2, the National Weather Service (NWS) is predicting 1 ½ ” to 2½” of rainfall for the next 5 days in the Fox River watershed. Little rain is expected over the next 24 hours. The heaviest forecasted rainfall is from 6pm 10/5/18 to 6pm 10/6/18 with 1” to ¼”. Forecasted rainfall from 6pm 10/6/18 to 6pm 10/7/18 is ¼” to ½” with the heavier rainfall in Illinois.

The NWS is showing the Fox River near New Munster, WI falling until October 6, then rising to a crest of a stage 13.1 feet on October 8, with an estimated peak flow of 3240 cfs. This forecast for the Fox River near New Munster, WI is based on 48 hours of forecasted precipitation.

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 opened to release 3,000 cfs. Hinged crest gate at Algonquin Dam is partially opened. The Stratton Dam tailwater may crest at 4.0' on Saturday October 6. The Chain of Lakes may crest at 5.1' at Fox Lake on October 6.

Rita Lee, P.E., CFM

Office of Water Resources

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