



# Illinois Department of Natural Resources

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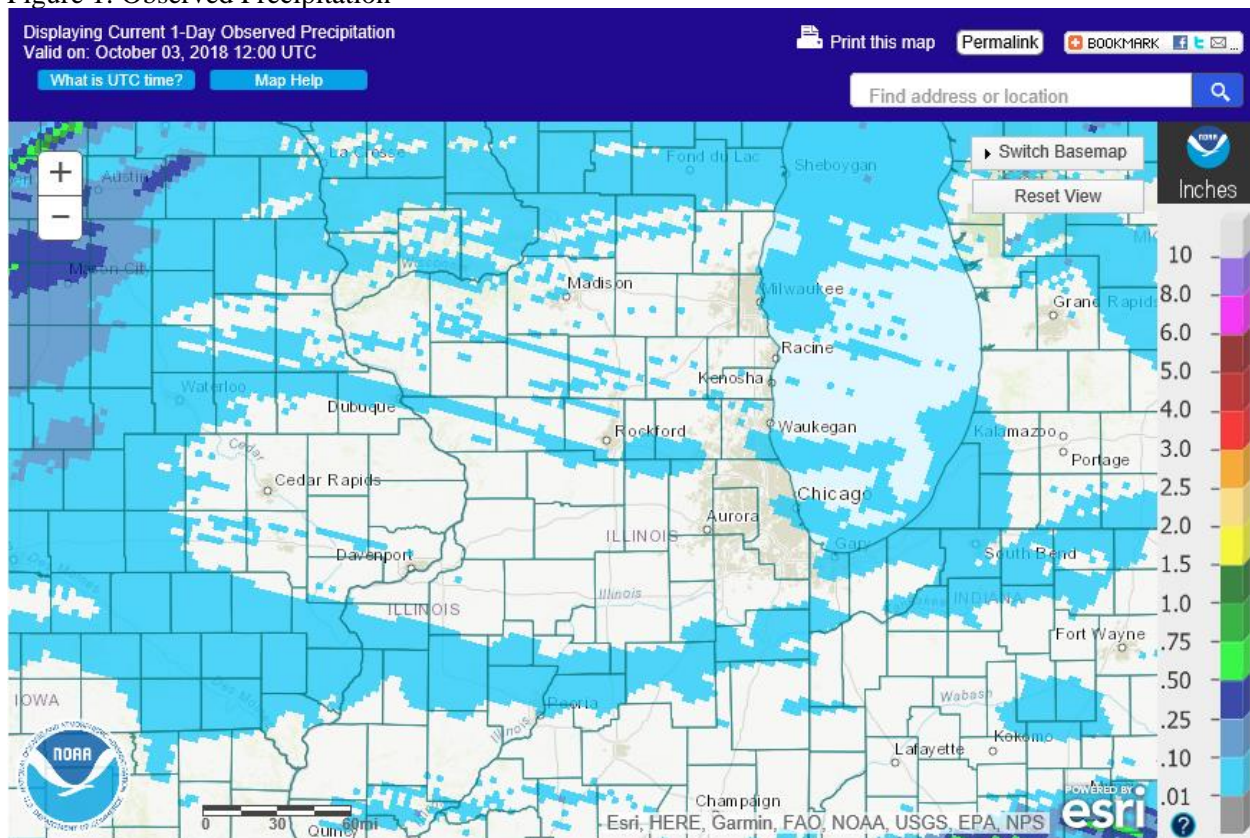
## Fox River Status Update October 3, 2018

### Current Conditions

Measured inflows on the Fox River near New Munster, WI are 2820 cfs and rising, and on Nippersink Creek near Spring Grove flows are 547 cfs and rising. Flows on the Fox River at Algonquin Dam are 2670 cfs. The Fox Lake stage is 4.5 ft and the Stratton Dam Tailwater stage is 3.37 ft. The Fox River at the Algonquin Dam Tailwater stage is 8.26 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

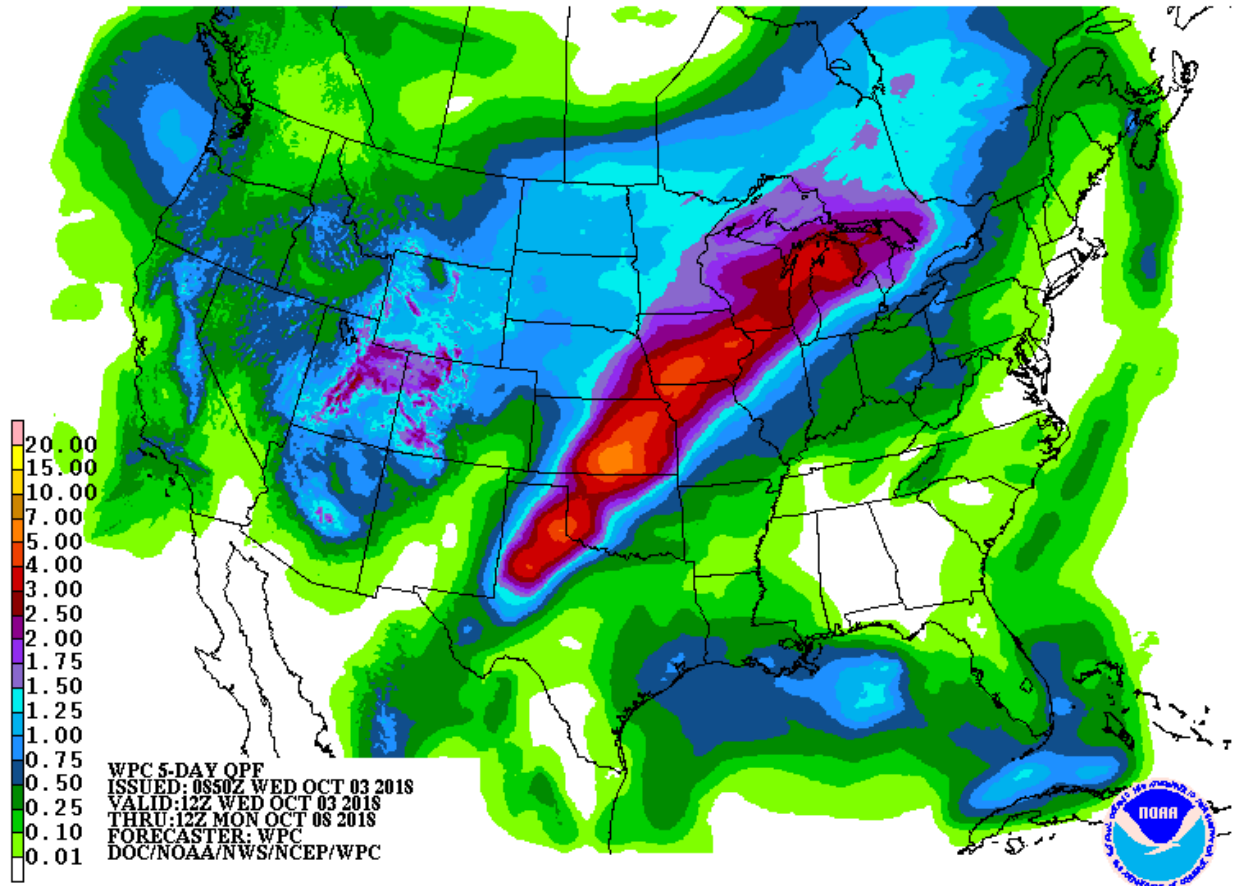


### Forecast

As shown in Figure 2, the National Weather Service (NWS) is predicting 1¾” to 2½” of rainfall for the next 5 days in the Fox River watershed. Most of the rain will be on Day 3 Friday.

The NWS is predicting the Fox River near New Munster, WI will crest at a stage of 13.1 feet on Friday, with an estimated peak flow of 3300 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 based on the rainfall that has fallen. Hinged crest gate at Algonquin Dam is partially opened too.

Rita Lee, P.E., CFM

Office of Water Resources

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