



# Illinois Department of Natural Resources

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JB Pritzker, Governor

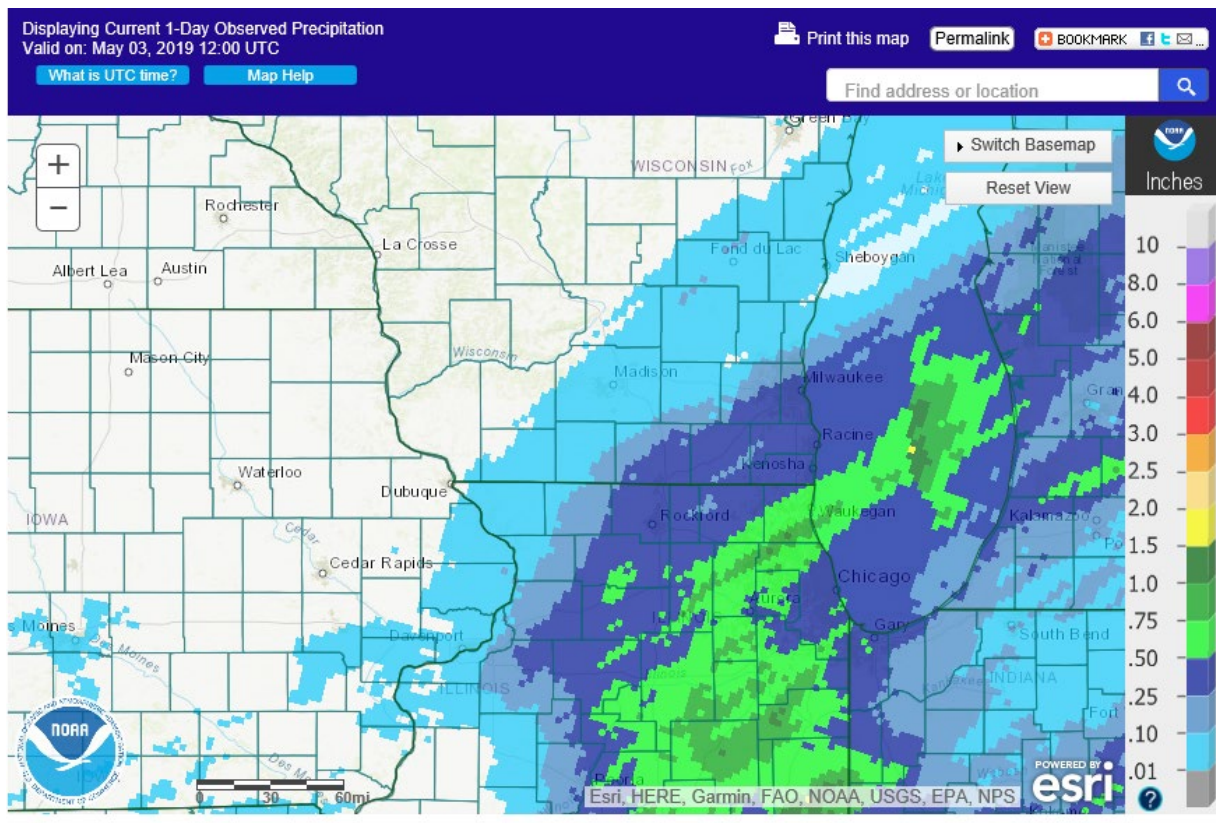
Colleen Callahan, Director

## Fox River Status Update May 3, 2019

### Current Conditions

Measured inflows on the Fox River near New Munster, WI are 1980 cfs and rising slowly; flows on Nippersink Creek near Spring Grove are 685cfs and falling slowly. Flows at Algonquin Dam Tailwater are 3500 cfs. The Fox Lake stage is 5.0 ft and the Stratton Dam Tailwater stage is 3.6 ft. The Fox River at the Algonquin Dam Tailwater stage is 9.2 ft. The Fox River watershed received trace rain in Milwaukee to 1" in Elgin yesterday as shown in Figure 1.

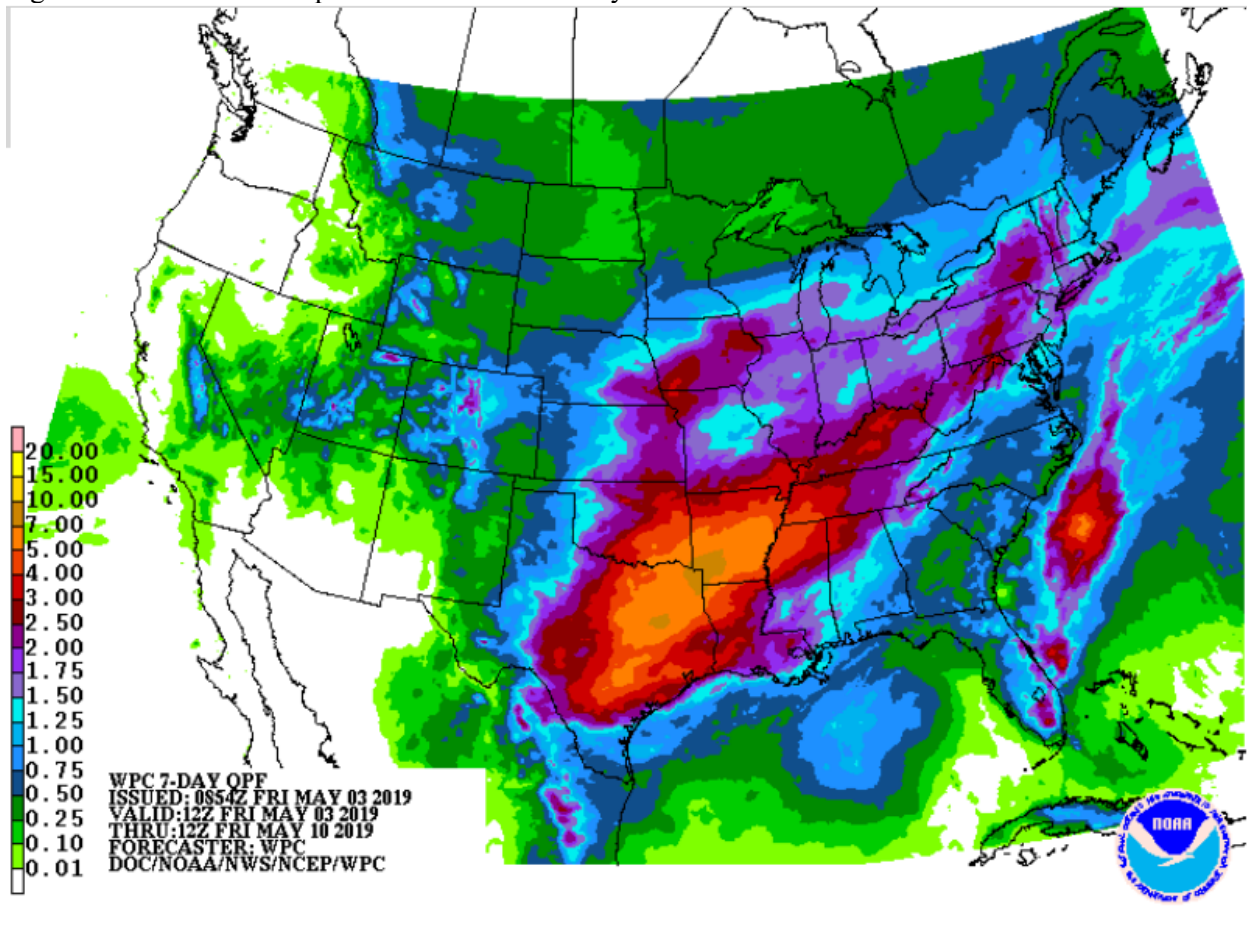
Figure 1: Observed Precipitation Today



### Forecast

The National Weather Service (NWS) is predicting 1" to 1½" of precipitation for the next 7 days in the Fox River watershed as shown on Figure 2. Little precipitation is forecasted for today, tomorrow, and Sunday. The NWS is predicting that the Fox River near New Munster, WI will remain below flood stage and crest at stage of 10.6' (2030 cfs) on May 3. The NWS River forecast included forecasted rainfall for today only.

Figure 2: Forecasted Precipitation for the Next 7 days



### System Conditions and Operations

The gates at Stratton Dam and Algonquin Dam are partially opened. Our estimates indicate that Fox Lake stage will crest near 5.3' and Stratton Dam tailwater stage will crest near 3.8' on Saturday. No flooding of building is expected at these levels

Rita Lee, P.E., CFM

Office of Water Resources

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