



# Illinois Department of Natural Resources

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JB Pritzker, Governor

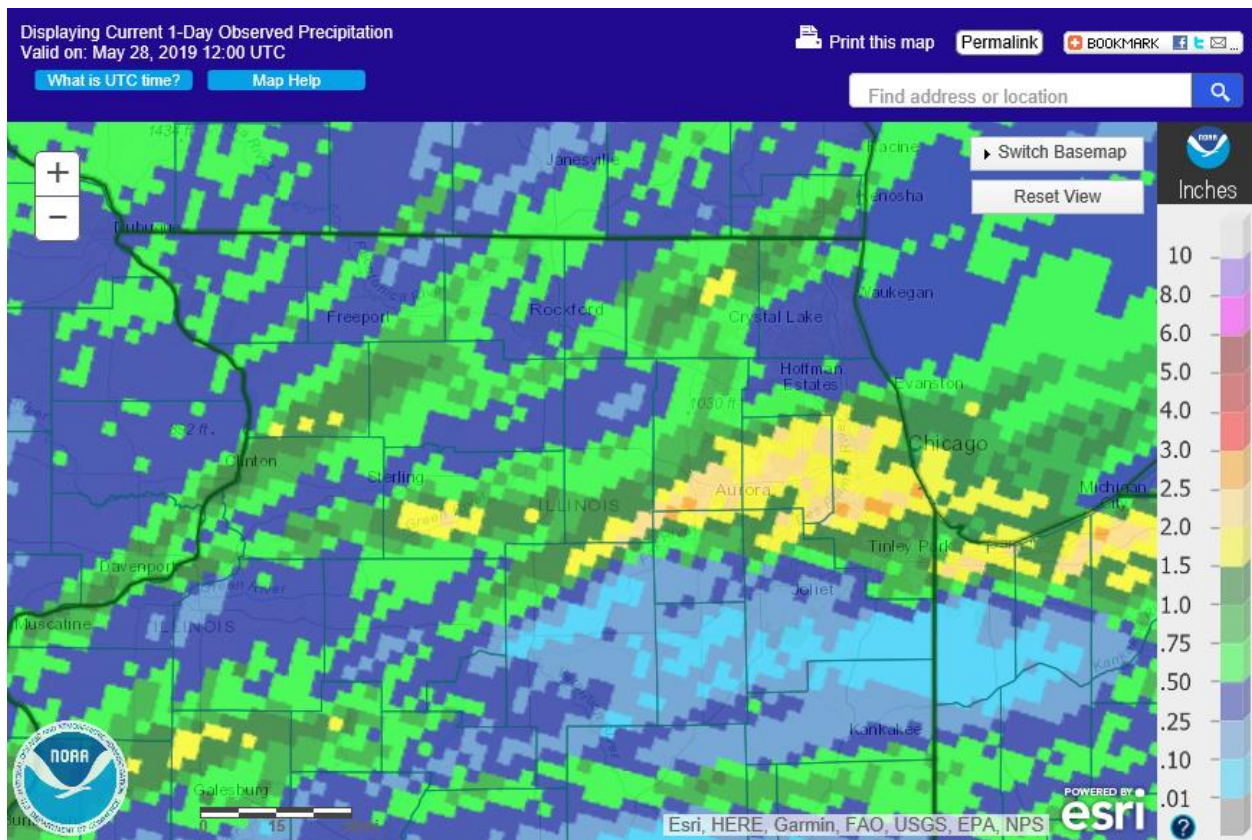
Colleen Callahan, Director

## Fox River Status Update May 28, 2019

### Current Conditions

Measured inflows on the Fox River near New Munster, WI are 2680 cfs and steady; flows on Nippersink Creek near Spring Grove are 522 cfs and steady. Flows at Algonquin Dam Tailwater are 3830 cfs. The Fox Lake stage is 5.5 ft and the Stratton Dam Tailwater stage is 4.6 ft. The Fox River at the Algonquin Dam Tailwater stage is 9.6 ft. The Fox River watershed received  $\frac{1}{4}$ " to  $\frac{3}{4}$ " of precipitation throughout the watershed as shown on Figure 1.

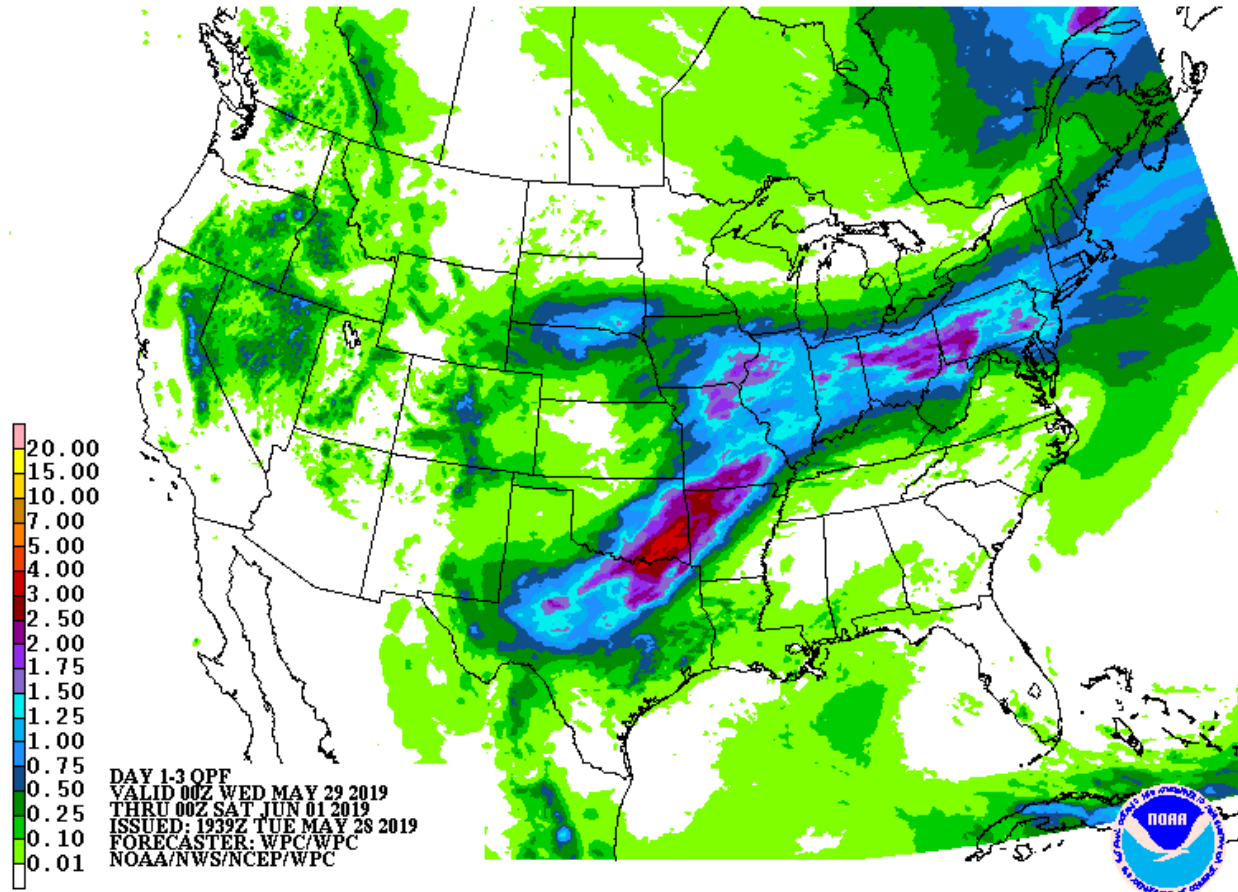
Figure 1: Observed Precipitation



## Forecast

The National Weather Service (NWS) is predicting ¼” to 1” of precipitation in the next 72 hours in the Fox River watershed as shown on Figure 2. The NWS is predicting that the stage at Fox River near New Munster, WI will drop below the flood stage on May 31. The NWS is predicting that the Fox River at Algonquin Tailwater will crest at 9.9 ft (4,100 cfs) on May 29/30.

Figure 2: Forecasted Precipitation for the Next 72 Hours



## System Conditions and Operations

The sluice gates at Stratton Dam are partially opened and the hinged crest gate is completely opened. The hinged crest gate at Algonquin Dam is completely opened. Based on today’s river forecast from the NWS, our estimates indicate that Fox Lake stage will crest near 5.6 ft and the Stratton Dam tailwater stage will crest near 4.8 ft on May 29/30.

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Office of Water Resources

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