



# Illinois Department of Natural Resources

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JB Pritzker, Governor

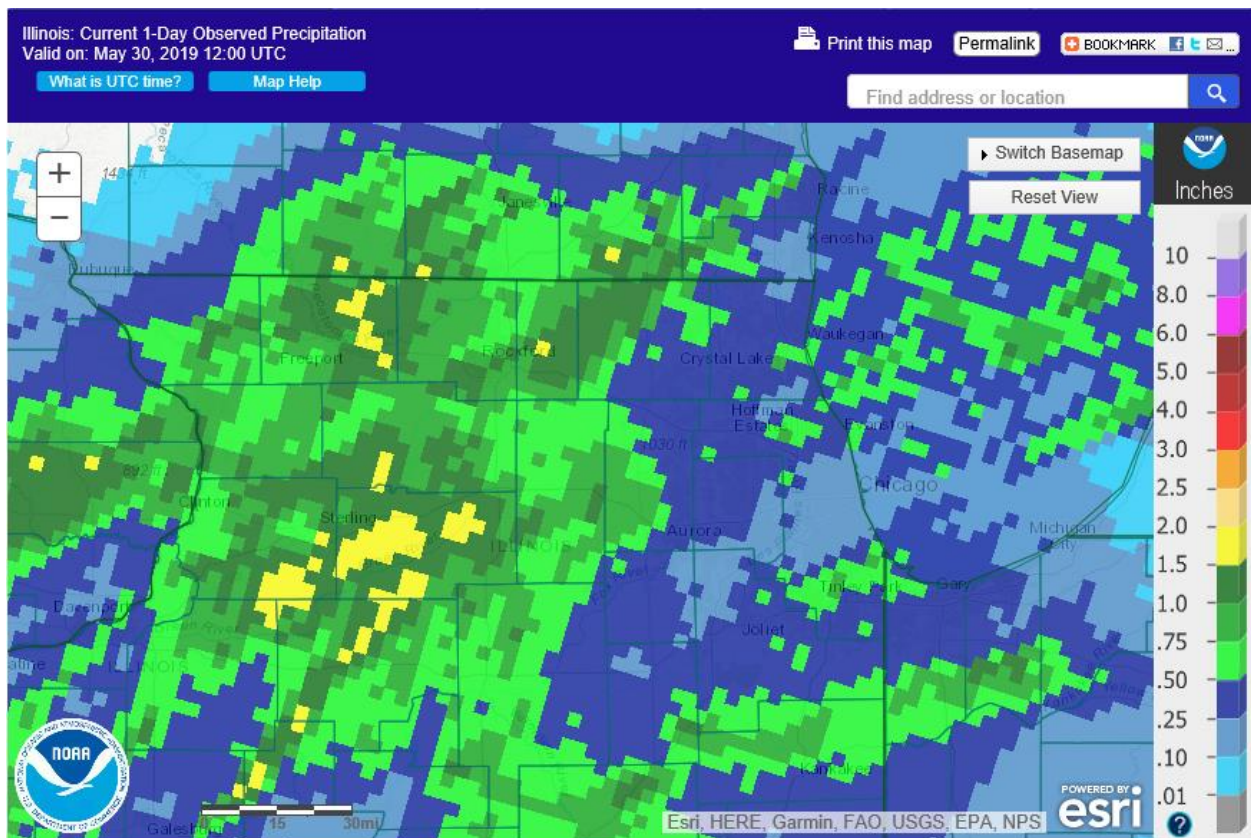
Colleen Callahan, Director

## Fox River Status Update May 30, 2019

### Current Conditions

Measured inflows on the Fox River near New Munster, WI are 2510 cfs and steady; flows on Nippersink Creek near Spring Grove are 637 cfs and rising. Flows at Algonquin Dam Tailwater are 4200 cfs. The Fox Lake stage is 5.6 ft and the Stratton Dam Tailwater stage is 4.8 ft. The Fox River at the Algonquin Dam Tailwater stage is 9.95 ft. The Fox River watershed received ¼” to ¾” of precipitation throughout the watershed as shown on Figure 1.

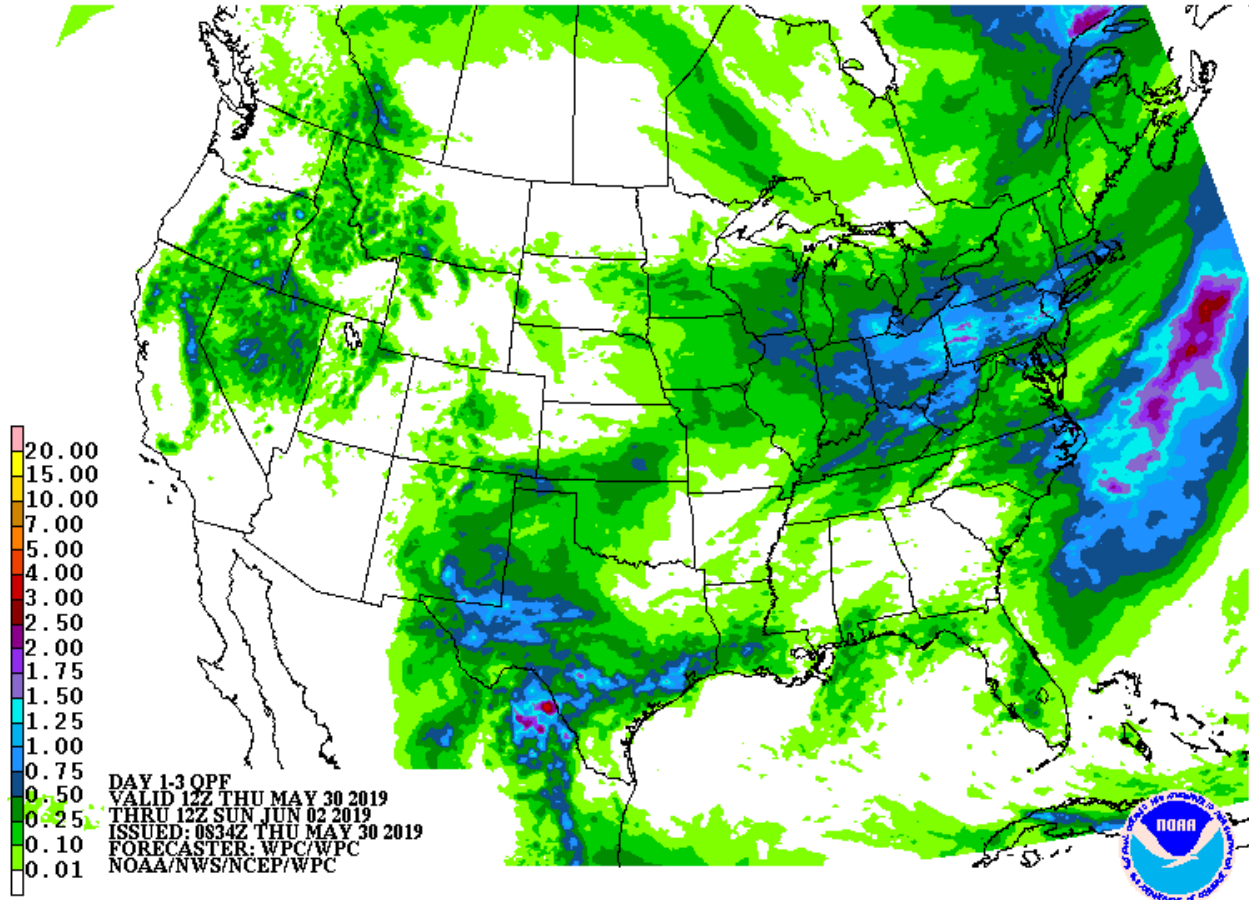
Figure 1: Observed Precipitation



## Forecast

The National Weather Service (NWS) is predicting  $\frac{1}{4}$ " to  $\frac{3}{4}$ " 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 June 2. The NWS is predicting that the Fox River at Algonquin Tailwater will crest at 10.1 ft (4,290 cfs) on May 31.

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 overnight precipitation last two nights and today's river forecast from the NWS, our estimates indicate that Fox Lake stage will now crest near 5.8 ft and the Stratton Dam tailwater stage will now crest near 5.0 ft on June 2.

Munib Ahmad, P.E.

Office of Water Resources

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