



Illinois Department of Natural Resources

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JB Pritzker, Governor

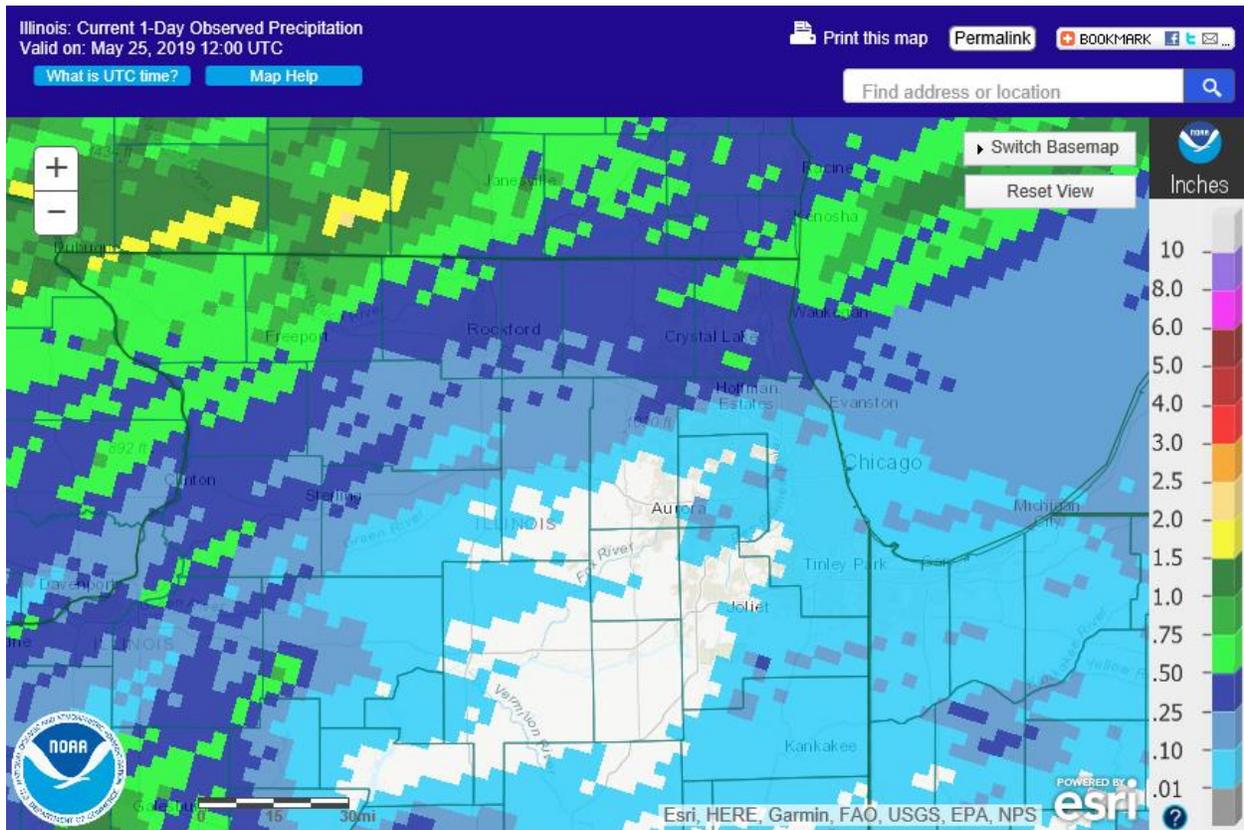
Colleen Callahan, Director

Fox River Status Update May 25, 2019

Current Conditions

Measured inflows on the Fox River near New Munster, WI are 3050 cfs and rising; flows on Nippersink Creek near Spring Grove are 657 cfs and rising. Flows at Algonquin Dam Tailwater are 3450 cfs. The Fox Lake stage is 4.95 ft and the Stratton Dam Tailwater stage is 4.1 ft. The Fox River at the Algonquin Dam Tailwater stage is 9.1 ft. The Fox River watershed received $\frac{1}{4}$ " to $\frac{3}{4}$ " of precipitation throughout the watershed as shown on Figure 1.

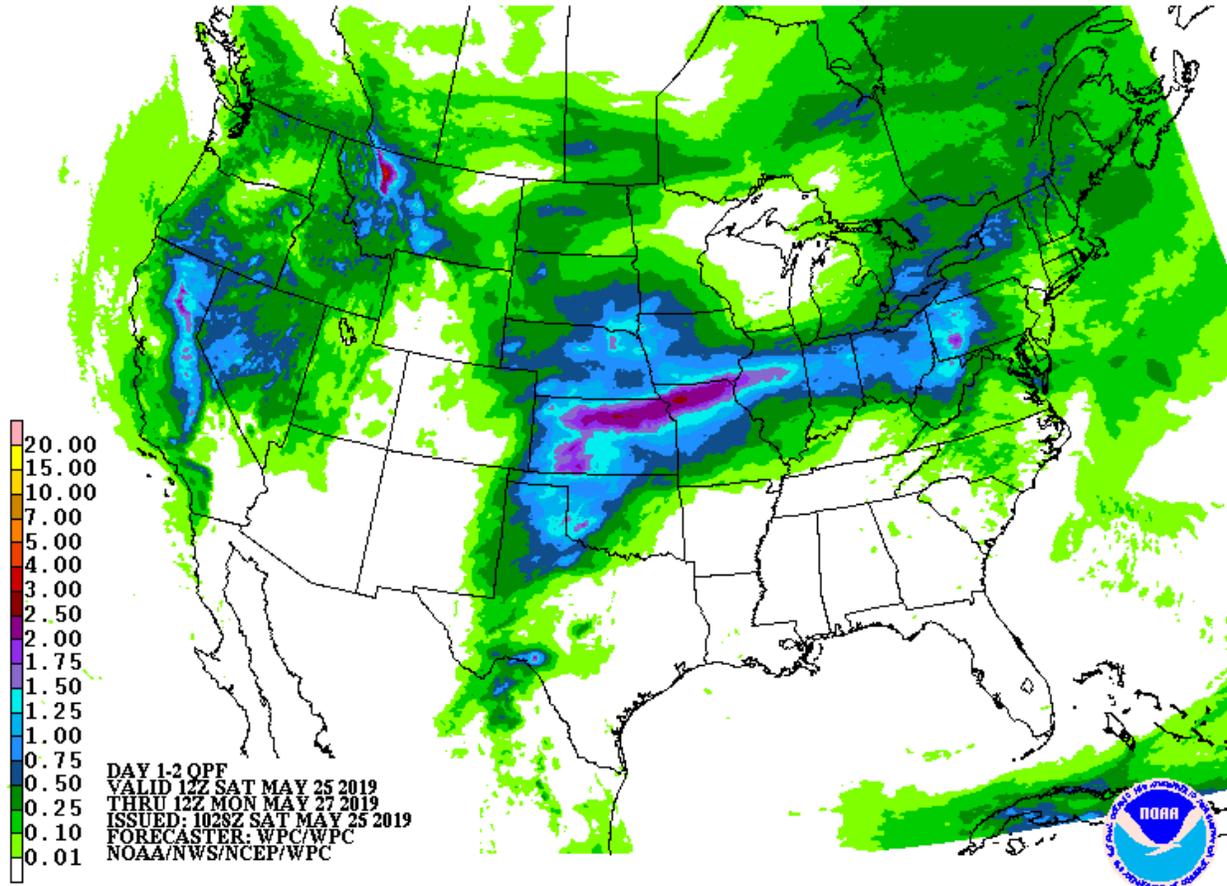
Figure 1: Observed Precipitation



Forecast

The National Weather Service (NWS) is predicting 0.01” to ½” of precipitation in the next 48 hours in the Fox River watershed as shown on Figure 2. The NWS is predicting that the Fox River near New Munster, WI will crest at 12.5 ft (3,300 cfs) on May 26. The NWS is predicting that the Fox River at Algonquin Tailwater will crest at 10.0 ft (4,200 cfs) on May 27.

Figure 2: Forecasted Precipitation for the Next 48 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 5.8 ft and the Stratton Dam tailwater stage will crest near 5.0 ft on May 29.

Munib Ahmad, P.E.

Office of Water Resources

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