



Illinois Department of Natural Resources

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JB Pritzker, Governor

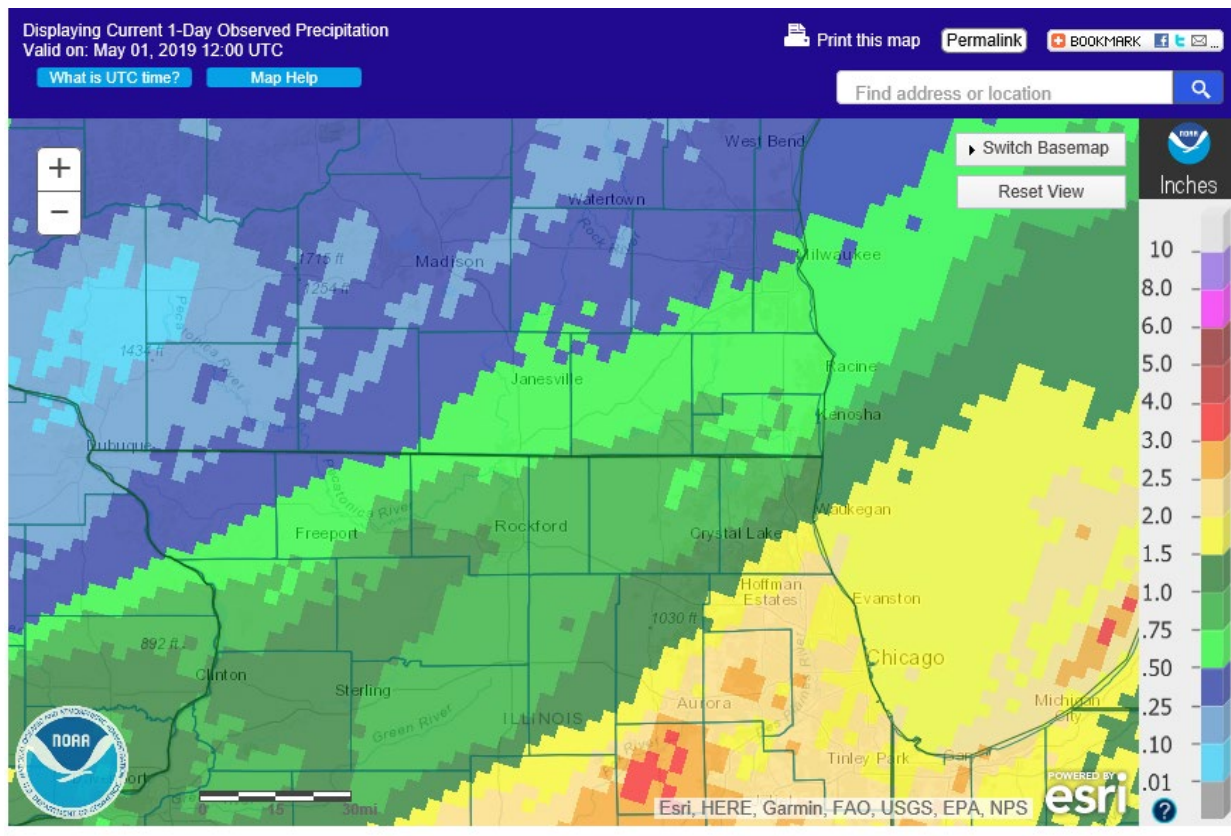
Colleen Callahan, Director

Fox River Status Update May 1, 2019

Current Conditions

Measured inflows on the Fox River near New Munster, WI are 1690 cfs and rising; flows on Nippersink Creek near Spring Grove are 687 cfs and rising. Flows at Algonquin Dam Tailwater are 2940 cfs. The Fox Lake stage is 4.5 ft and the Stratton Dam Tailwater stage is 3.1 ft. The Fox River at the Algonquin Dam Tailwater stage is 8.6 ft. The Fox River watershed received ½” to 1 ¼” of precipitation yesterday as shown in Figure 1; the lower amount of rain fell in Wisconsin.

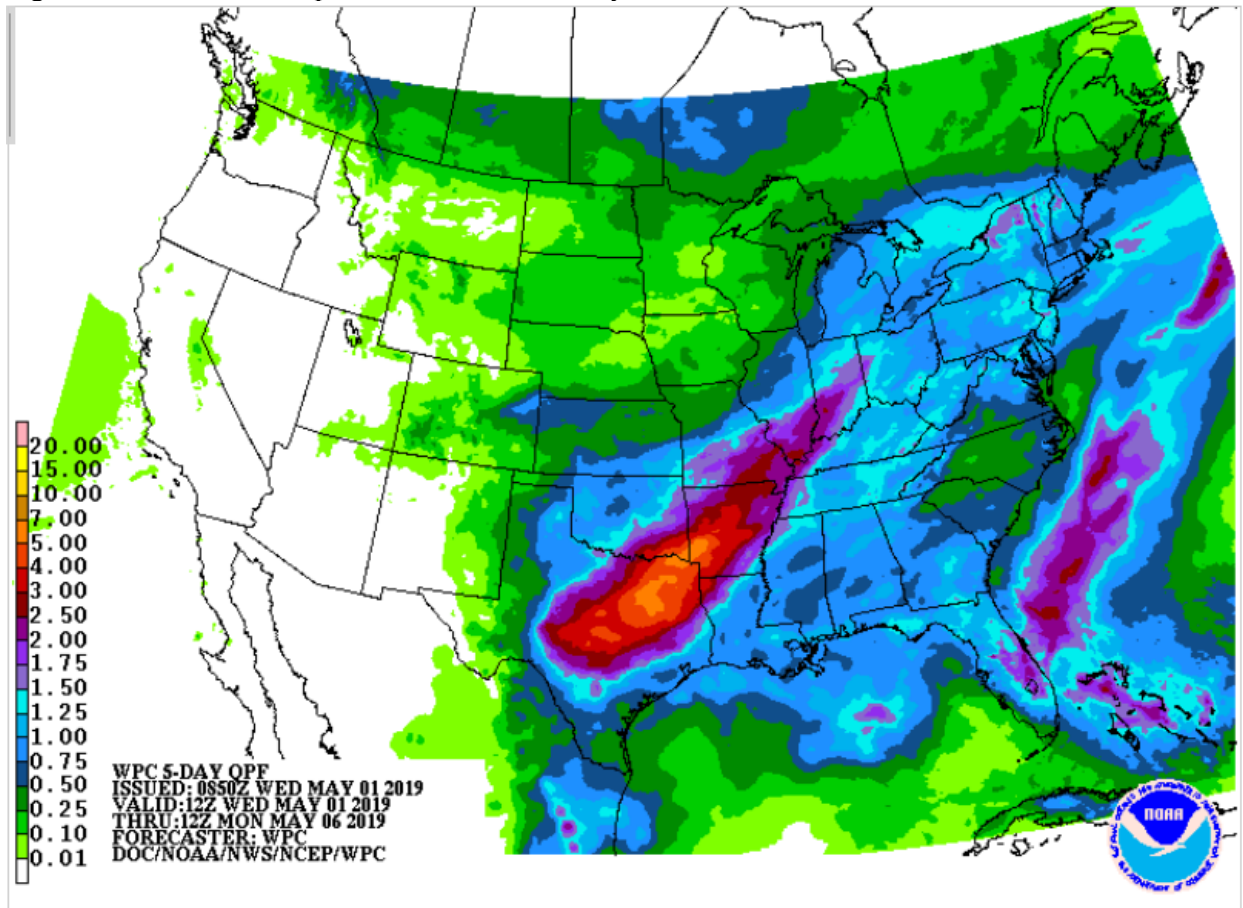
Figure 1: Observed Precipitation Today



Forecast

The National Weather Service (NWS) is predicting ¼” to ½” of precipitation for the next 5 days in the Fox River watershed as shown on Figure 2. Little precipitation is forecasted for days 3,4, and 5. 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 2.

Figure 2: Forecasted Precipitation for the Next 5 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 5.0' and Stratton Dam tailwater stage will crest near 3.9' 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>