



Illinois Department of Natural Resources

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JB Pritzker, Governor

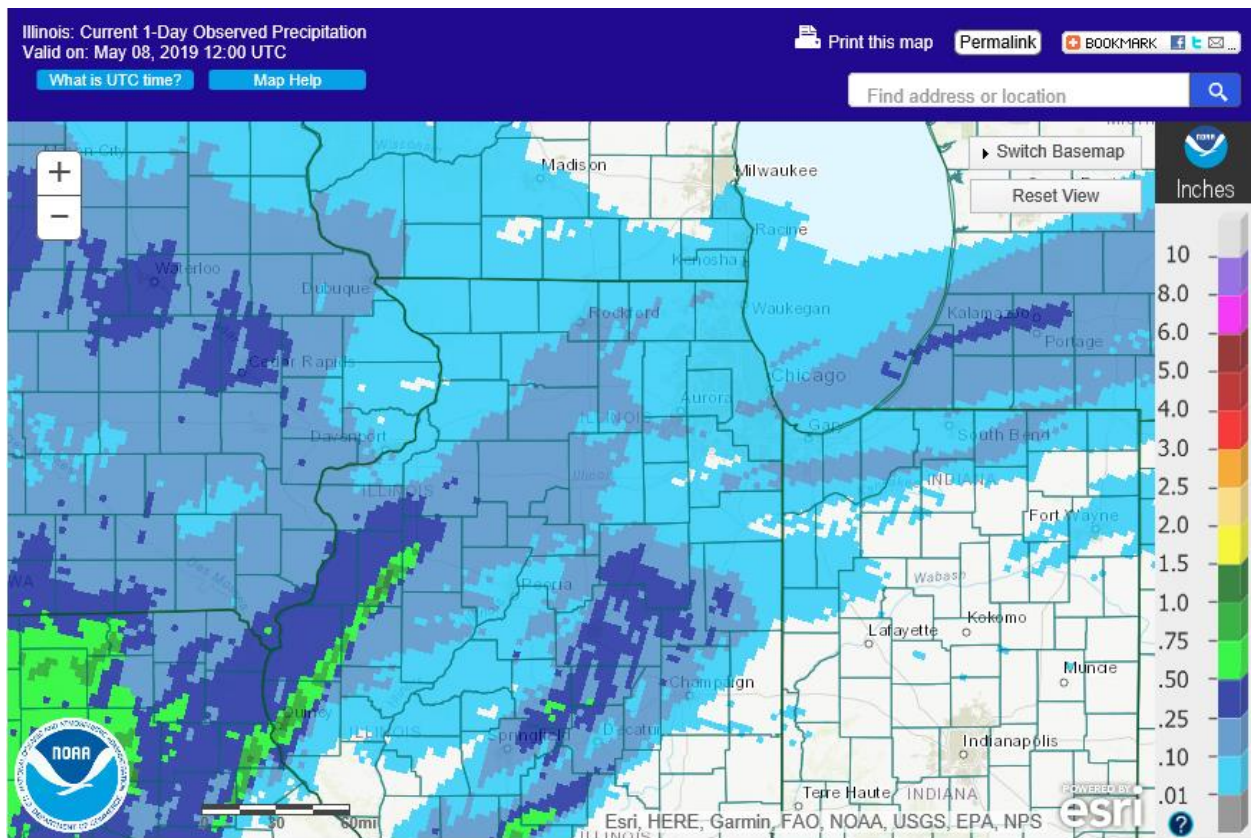
Colleen Callahan, Director

Fox River Status Update May 8, 2019

Current Conditions

Measured inflows on the Fox River near New Munster, WI are 1690 cfs and holding steady; flows on Nippersink Creek near Spring Grove are 356 cfs and holding steady. Flows at Algonquin Dam Tailwater are 3410 cfs. The Fox Lake stage is 5.3 ft and the Stratton Dam Tailwater stage is 3.9 ft. The Fox River at the Algonquin Dam Tailwater stage is 9.1 ft. The Fox River watershed received little precipitation in a range of 0.01” to 0.1” as shown on Figure 1.

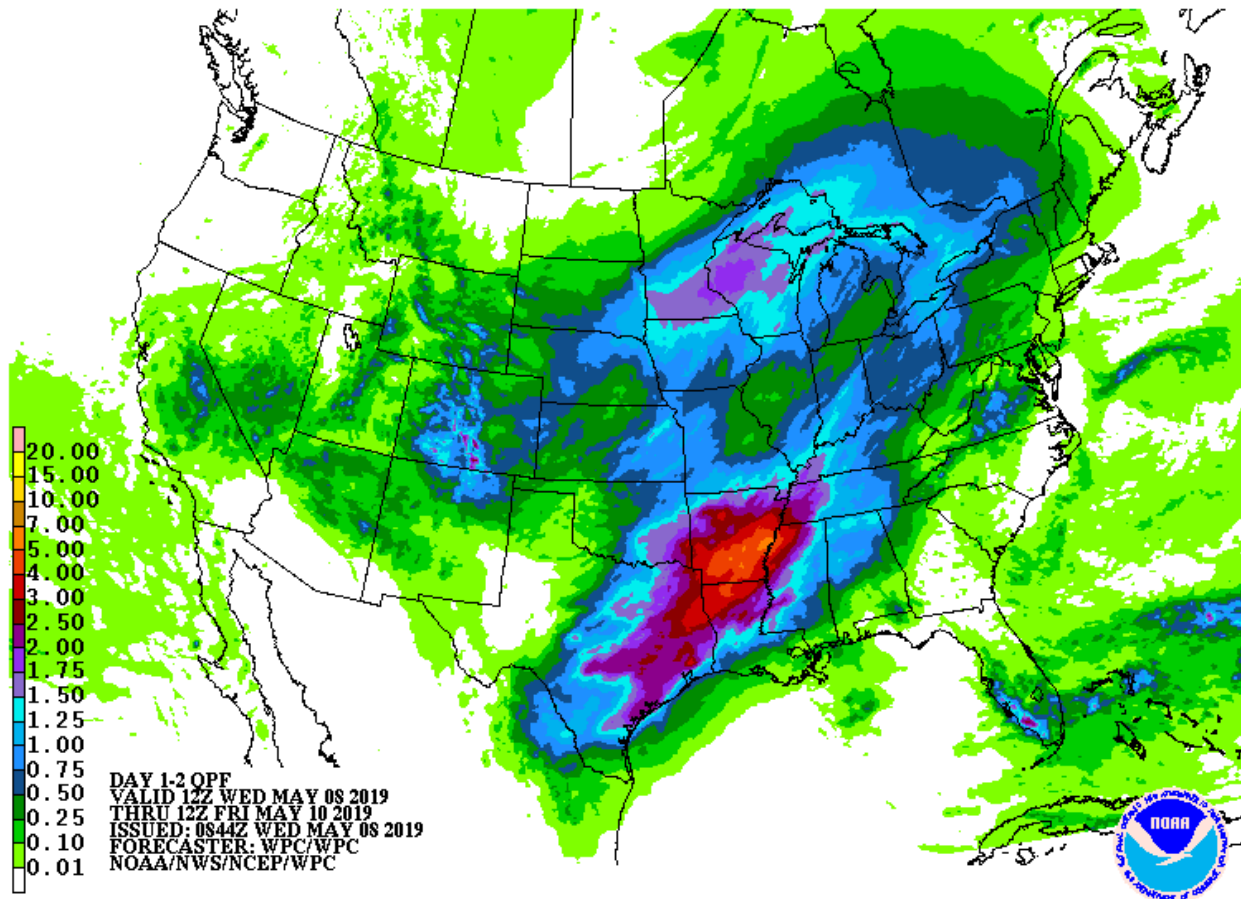
Figure 1: Observed Precipitation Today



Forecast

The National Weather Service (NWS) is predicting $\frac{3}{4}$ ” to 1” of precipitation for the next 2 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 a stage of 10.8’ (2100 cfs) on May 11.

Figure 2: Forecasted Precipitation for the Next 2 days



System Conditions and Operations

The sluice gates at Stratton Dam are partially opened and will be opened more today. The hinged crest gate at Stratton Dam is completely opened. The hinged crest gate at Algonquin Dam is also opened. Our estimates indicate that Fox Lake stage will crest at 5.4' and the Stratton Dam tailwater will crest near 4.3'.

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Office of Water Resources

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