



Illinois Department of Natural Resources

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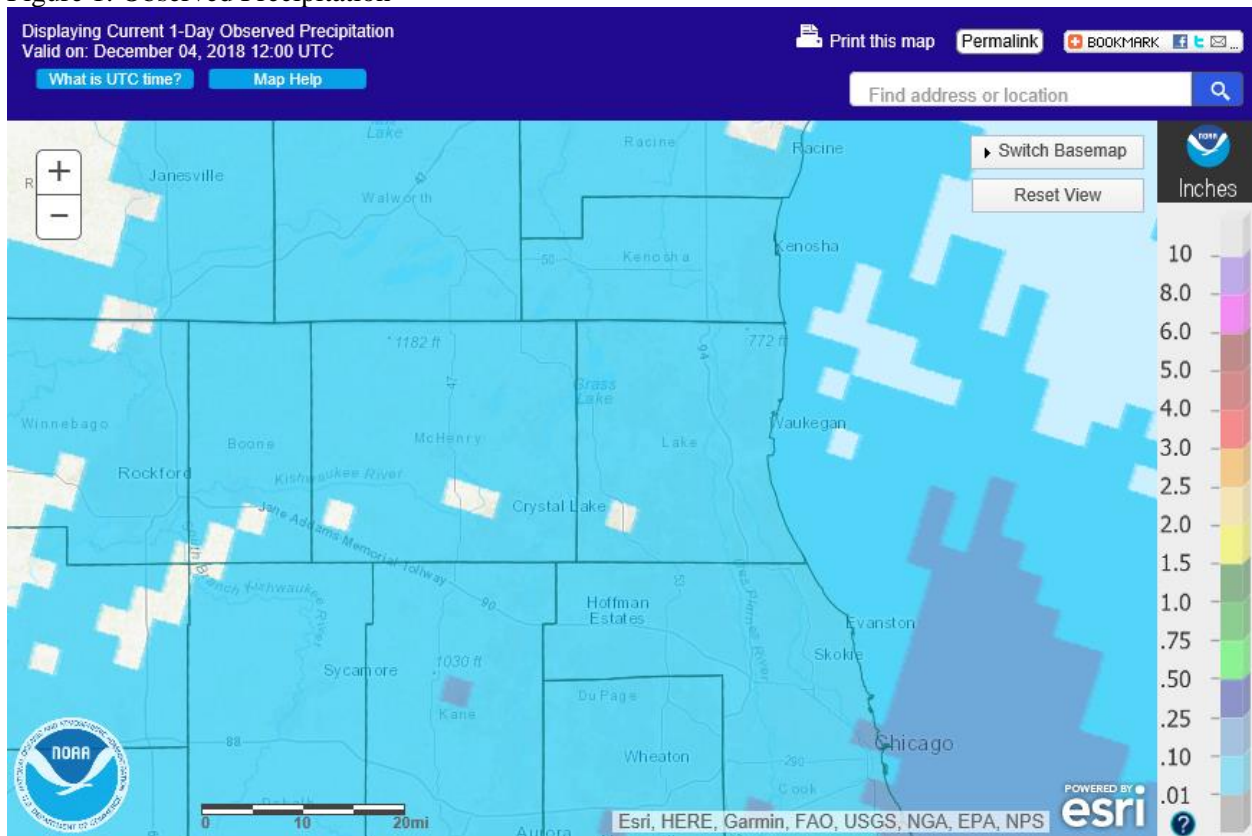
Fox River Status Update December 4, 2018

Current Conditions

Measured inflows on the Fox River near New Munster, WI are 1920 cfs and appears to be cresting; flows on Nippersink Creek near Spring Grove are 790 cfs and dropping. Flows on the Fox River at Algonquin Dam are 2980 cfs. The Fox Lake stage is 3.70 ft and the Stratton Dam Tailwater stage is 3.28 ft. The Fox River at the Algonquin Dam Tailwater stage is 8.62 ft.

Most of the Fox River watershed received very little precipitation during the past 24 hours as shown on Figure 1.

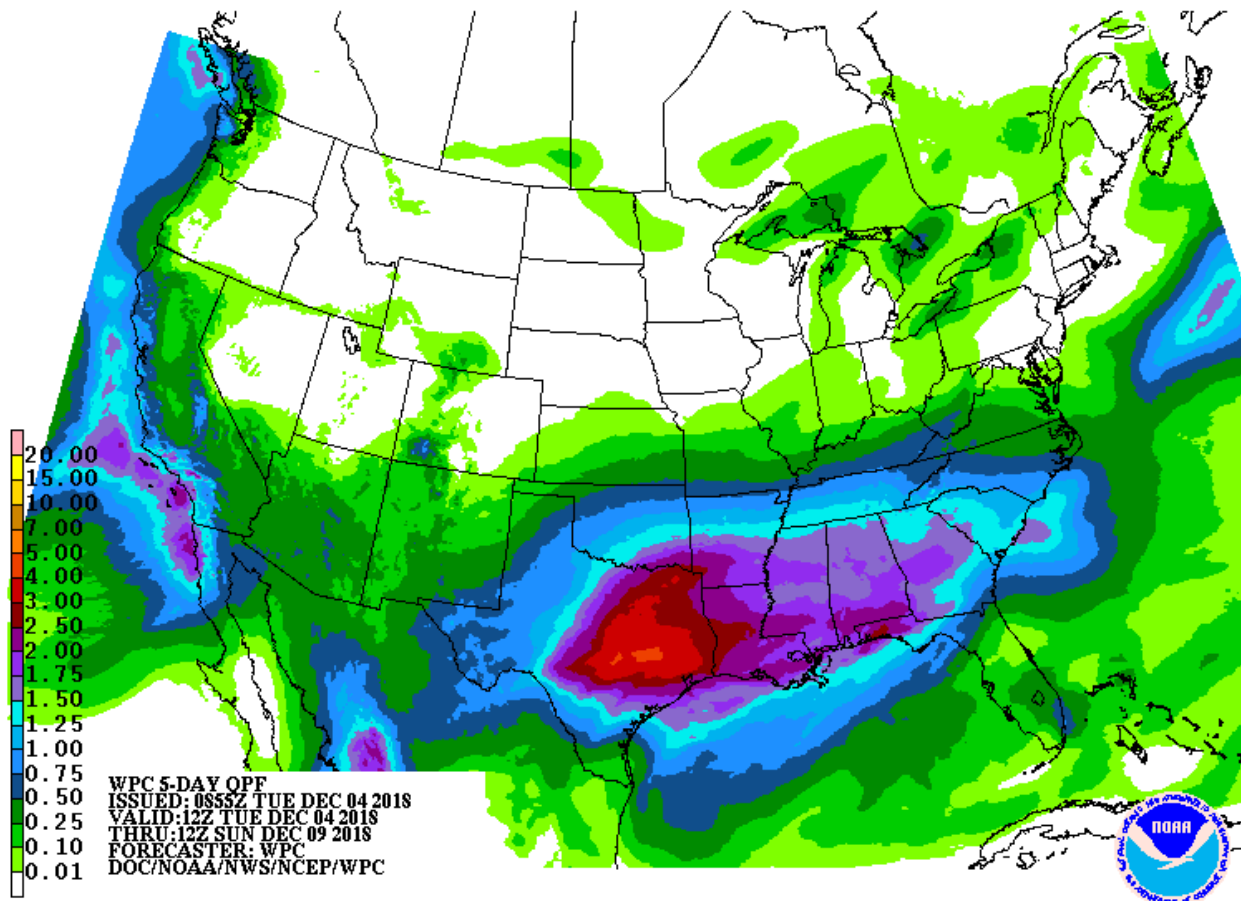
Figure 1: Observed Precipitation



Forecast

As shown on Figure 2, the National Weather Service (NWS) is predicting very little precipitation for the next 5 days in the Fox River watershed. The NWS data indicates that Fox River near New Munster, WI crested at a stage of 10.6 yesterday, the current stage is 10.46 feet. The NWS is forecasting the Fox River at Algonquin Tailwater will crest at a stage of 8.8 feet on Wednesday/Thursday with a flow of 3040 cfs.

Figure 2: Forecasted Rainfall for the Next 5 days



System Conditions and Operations

The sluice gates and the hinged crest gate at Stratton Dam are opened. The hinged crest gate at Algonquin Dam is partially opened. Estimates indicate that the Stratton Dam tailwater may crest at 3.6' and the Chain of Lakes may crest at 4.0' at Fox Lake on December 7. Our goal is to continue moving as much flow as possible the next few days.

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Office of Water Resources

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