



Illinois Department of Natural Resources

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JB Pritzker, Governor

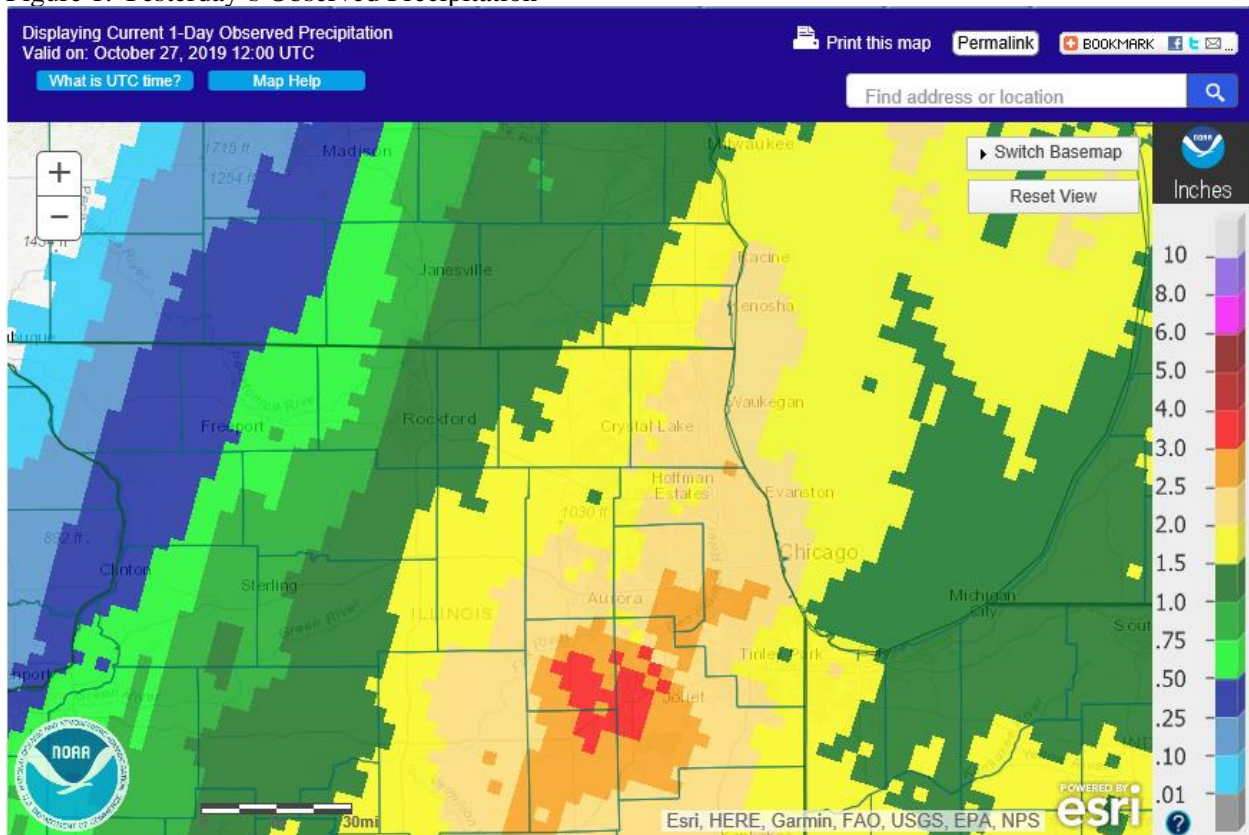
Colleen Callahan, Director

Fox River Status Update October 28, 2019

Current Conditions

Fox River watershed received 1½” to 2½” of precipitation over the weekend as shown on Figure 1. This has resulted in rise of inflows. Measured inflows on the Fox River near New Munster, WI are 2350 cfs and rising; flows on Nippersink Creek near Spring Grove are 783 cfs and steady. The Fox Lake stage is 4.8 ft and the Stratton Dam Tailwater stage is 4.0 ft. The Fox River at the Algonquin Dam Tailwater stage is 8.93 ft.

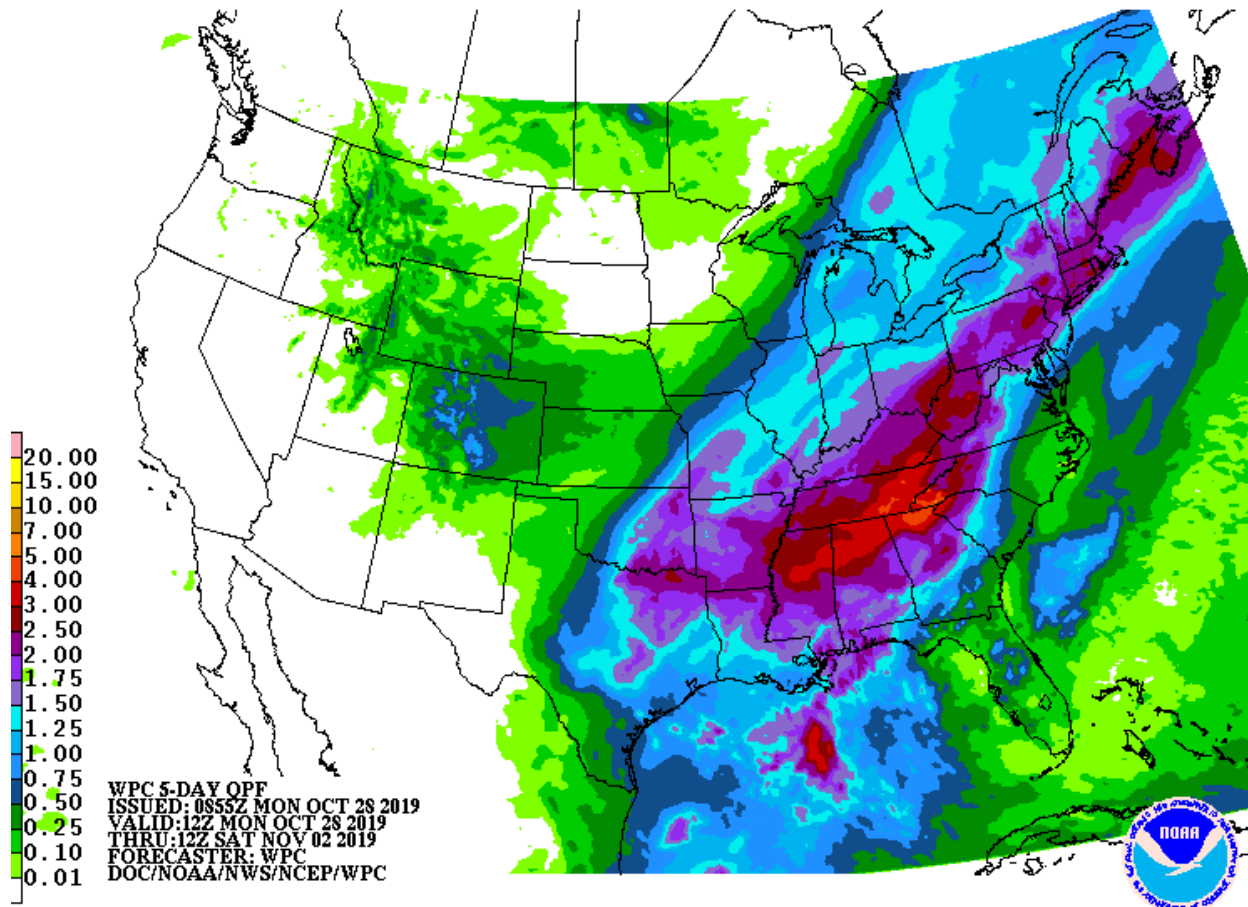
Figure 1: Yesterday’s Observed Precipitation



Forecast

The National Weather Service (NWS) is predicting $\frac{3}{4}$ " to $1\frac{1}{2}$ " of precipitation for the next 5 days in the Fox River watershed. The NWS is forecasting that the Fox River near New Munster, WI will crest at a stage of 11.4 ft on October 29. The NWS is forecasting that the Fox River at Algonquin Tailwater will crest at a stage of 9.3 ft on October 30 with a flow of 3500 cfs.

Figure 2: Forecasted Precipitation for the Next 5 days



System Conditions and Operations

Sluice gates at Stratton Dam are partially opened and the hinged crest gate at Stratton Dam is completely opened. The hinged crest gate at Algonquin Dam is completely opened to pass as much flow as possible. Based on today's river forecast from the NWS, our estimates indicate that Fox Lake stage may crest near 5.6 ft and Stratton Dam Tailwater may crest near 4.8 ft on Saturday.

Munib Ahmad, P.E.

Office of Water Resources

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