



Illinois Department of Natural Resources

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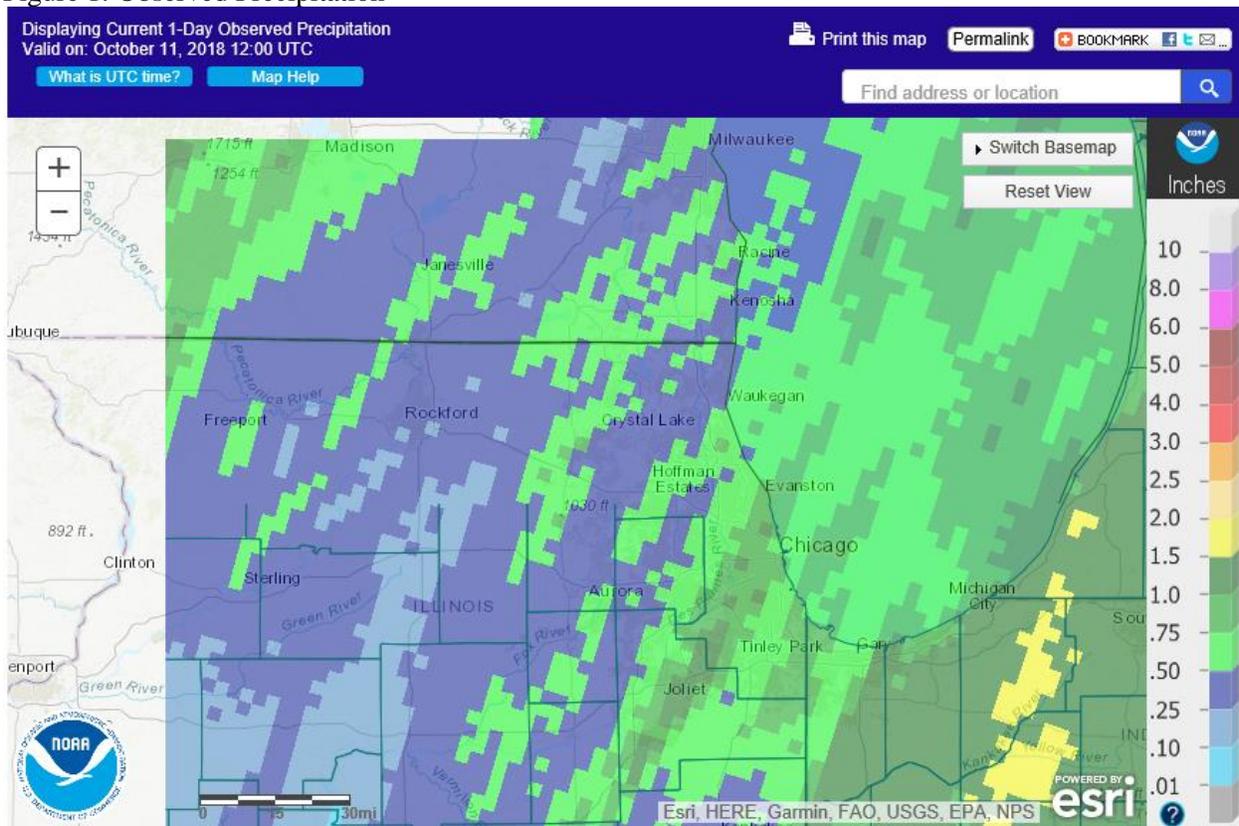
Fox River Status Update October 11, 2018

Current Conditions

Measured inflows on the Fox River near New Munster, WI are 3000 cfs and appears to be cresting; flows on Nippersink Creek near Spring Grove are 684 cfs and dropping. Flows on the Fox River at Algonquin Dam are 4790 cfs. The Fox Lake stage is 6.22 ft and the Stratton Dam Tailwater stage is 5.49 ft. The Fox River at the Algonquin Dam Tailwater stage is 10.53 ft.

Most of the Fox River watershed received ¼” to ½” of rainfall during the past 24 hours as shown on Figure 1.

Figure 1: Observed Precipitation

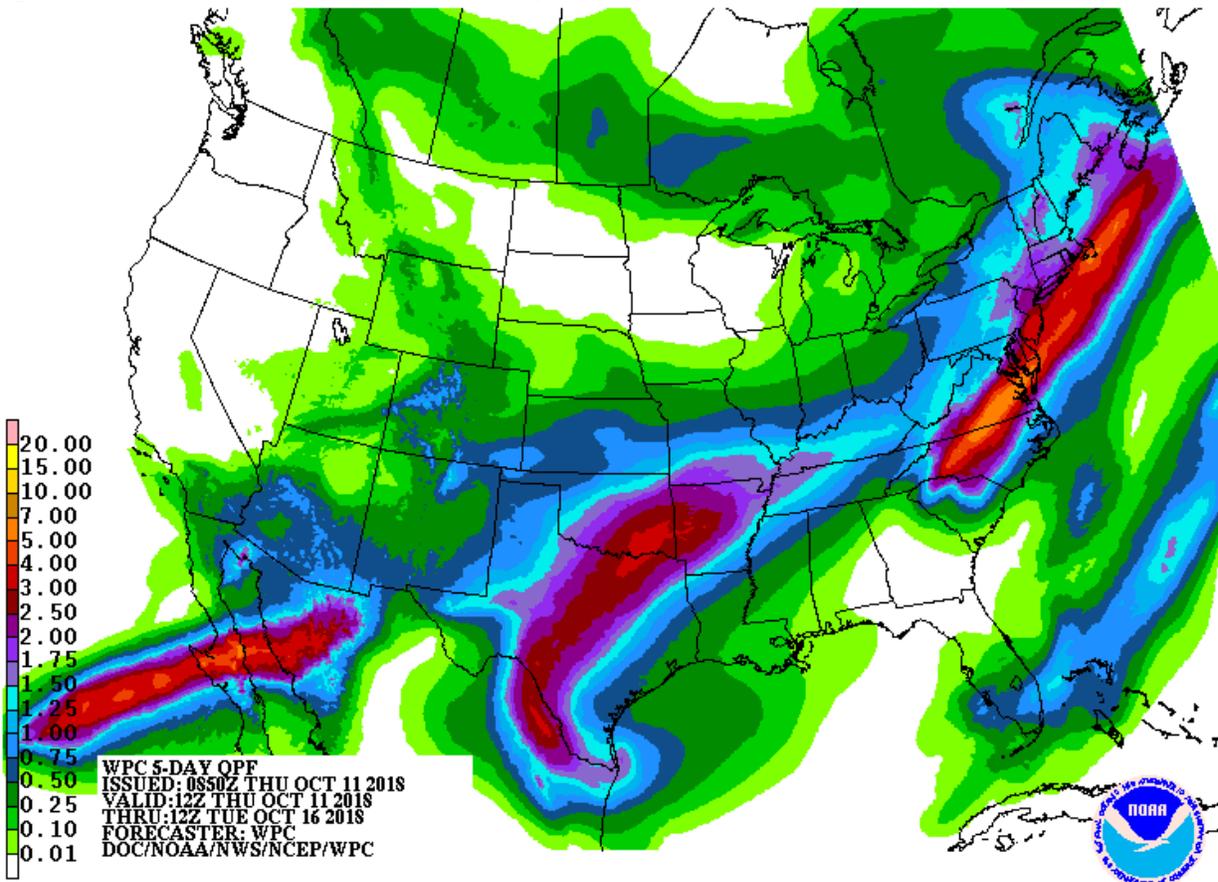


Forecast

As shown on Figure 2, the National Weather Service (NWS) is predicting very little rainfall for the next 5 days in the Fox River watershed. No rainfall is in forecast for today; very little rain tomorrow and no rain is in forecast for Saturday.

The NWS data indicates that Fox River near New Munster, WI crested at a stage of 12.54 feet this morning; the current stage is 12.51 feet. The NWS is forecasting the Fox River at Algonquin Tailwater will crest at a stage of 10.6 feet later today; the current stage is 10.53 feet.

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 completely opened. The Stratton Dam is passing as much flow as possible. Hinged crest gate at Algonquin Dam is completely opened.

It appears that stage levels at the Stratton Dam tailwater and the Chain of Lakes has reached its peak. As there is little or no rain in forecast for the next few days, it is expected that stage levels would begin to drop soon.

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Office of Water Resources

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