



Illinois Department of Natural Resources

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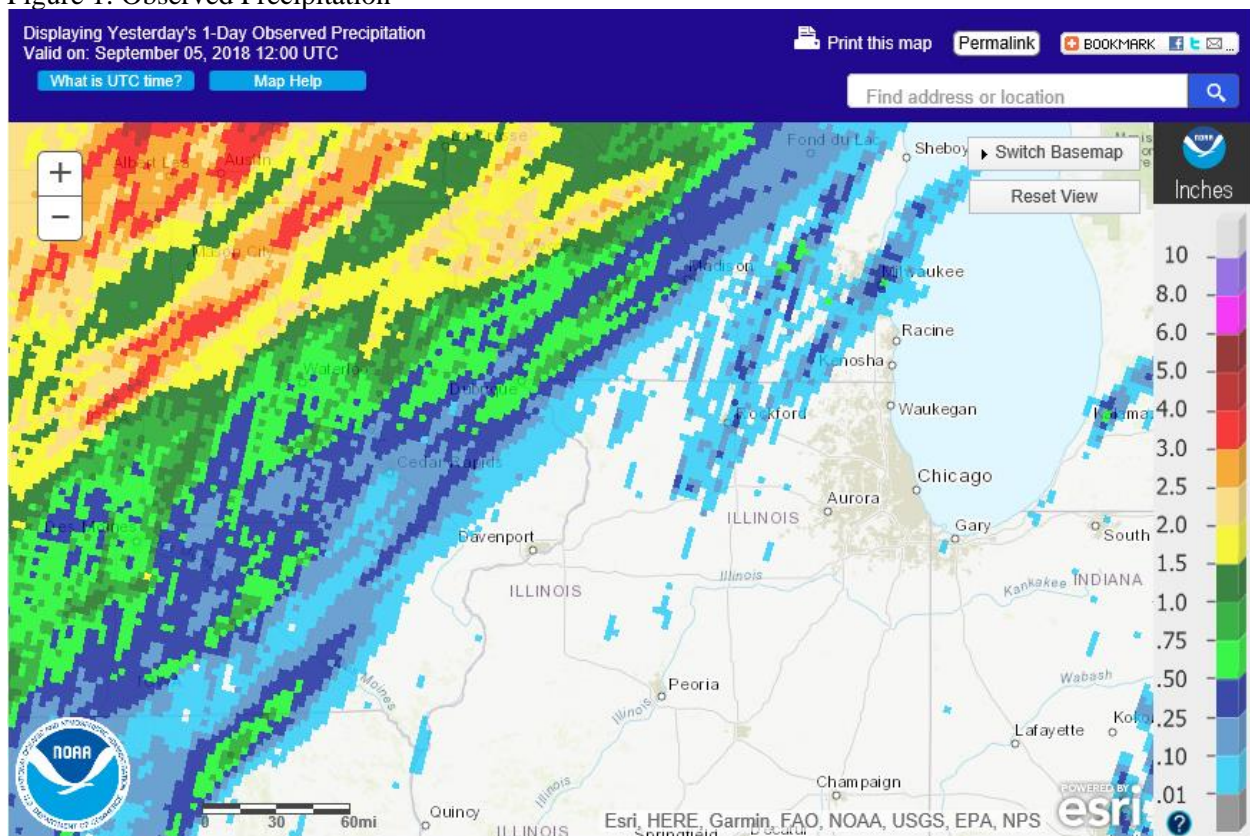
Bruce Rauner, Governor
Wayne A. Rosenthal, Director

Fox River Status Update September 6, 2018

Current Conditions

Measured inflows on the Fox River near New Munster, WI are 2130 cfs and rising, and on Nippersink Creek near Spring Grove flows are 1,290 cfs and falling. Most of the Fox River watershed received about ¼” of rainfall; the headwaters near Milwaukee, WI received over 1” of rain. Figure 1 shows the observed precipitation from the past 24 hours. Flows on the Fox River at Algonquin Dam are 4,080 cfs. The Fox Lake stage is 5.43’ and appears to be cresting. The Stratton Dam Tailwater stage is 4.39’ and rising. The Fox River at the Algonquin Dam Tailwater stage is 9.83’.

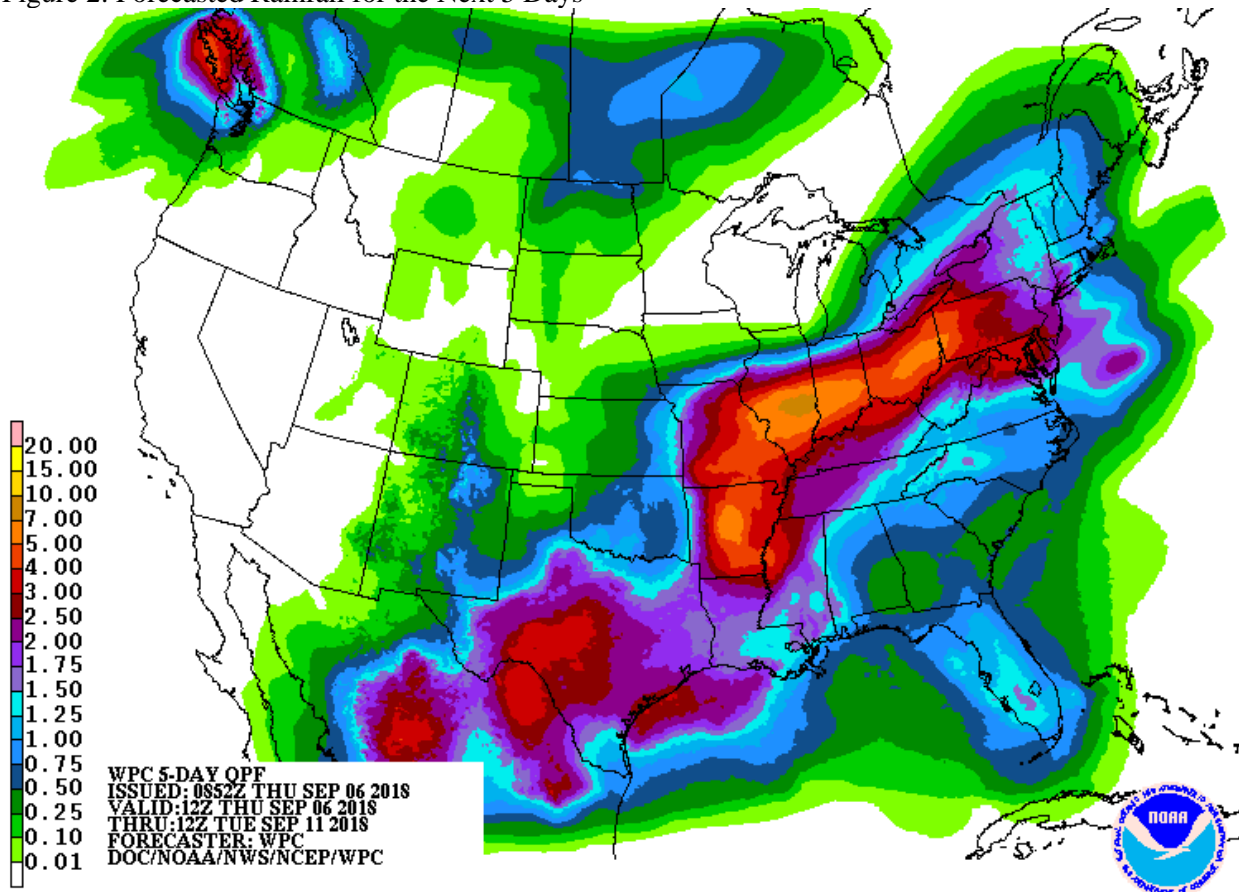
Figure 1: Observed Precipitation



Forecast

As shown in Figure 2, the National Weather Service (NWS) is predicting $\frac{1}{4}$ " of rainfall for the next 5 days in the Fox River Watershed. The heavy rainfall appears to stay south of the Algonquin Dam and more towards the Central Illinois. The NWS is predicting the Fox River near New Munster, WI will crest at a stage of 11.4 feet on Friday; the current stage is 10.6 feet.

Figure 2: Forecasted Rainfall for the Next 5 Days



System Conditions and Operations

The sluice gates at Stratton Dam are opened. The hinged crest gate at Stratton Dam is partially opened and the gate at Algonquin Dam is partially opened too. Inflows to the Chain of Lakes appear to be dropping.

Rita Lee, P.E., CFM

Office of Water Resources

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