



Illinois Department of Natural Resources

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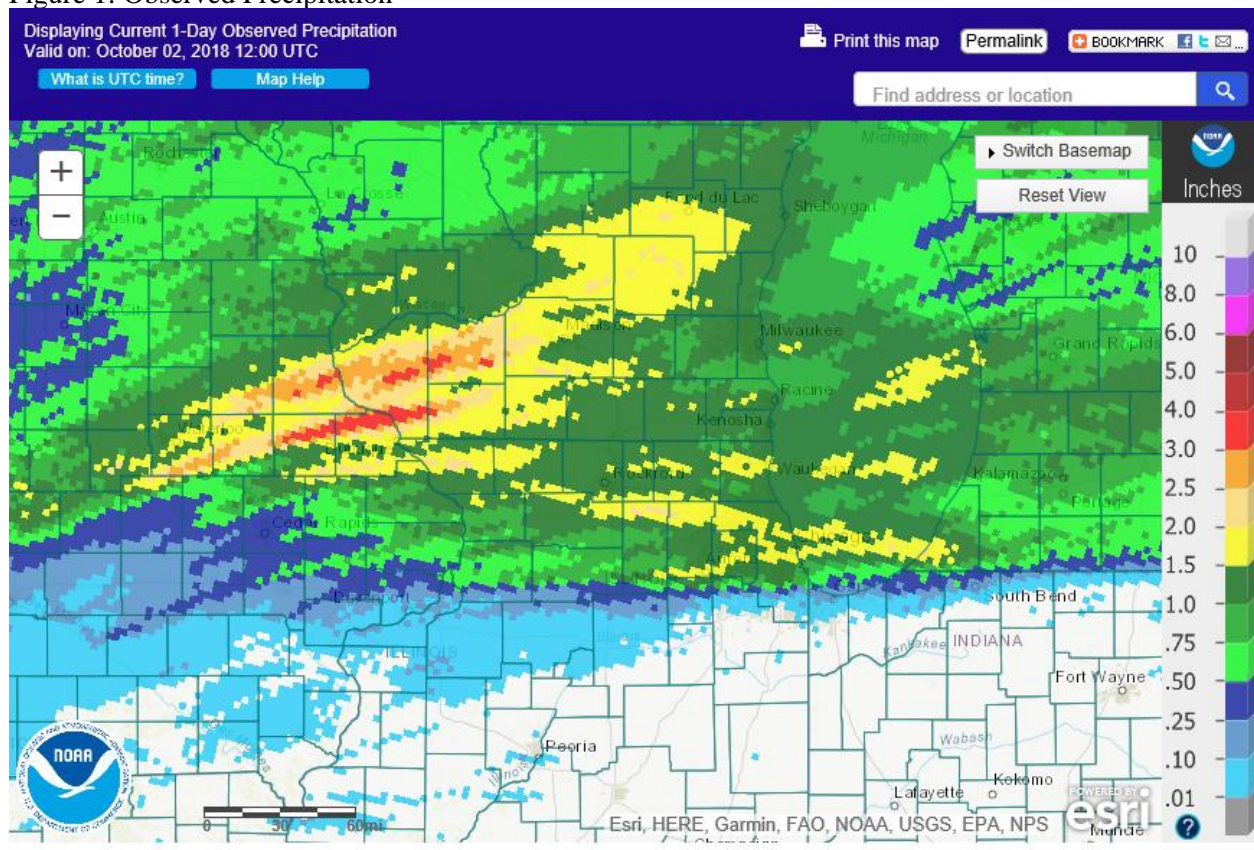
DRAFT
Fox River Status Update
October 2, 2018

Current Conditions

Measured inflows on the Fox River near New Munster, WI are 2370 cfs and rising, and on Nippersink Creek near Spring Grove flows are 355 cfs and rising. Flows on the Fox River at Algonquin Dam are 1860 cfs. The Fox Lake stage is 4.28 ft and the Stratton Dam Tailwater stage is 2.39 ft. The Fox River at the Algonquin Dam Tailwater stage is 7.19 ft.

Most of the Fox River watershed near the Illinois-Wisconsin State Line received about $\frac{3}{4}$ " to $1\frac{1}{2}$ " of rainfall. Figure 1 shows the observed precipitation from the past 24 hours ending at 6 am.

Figure 1: Observed Precipitation

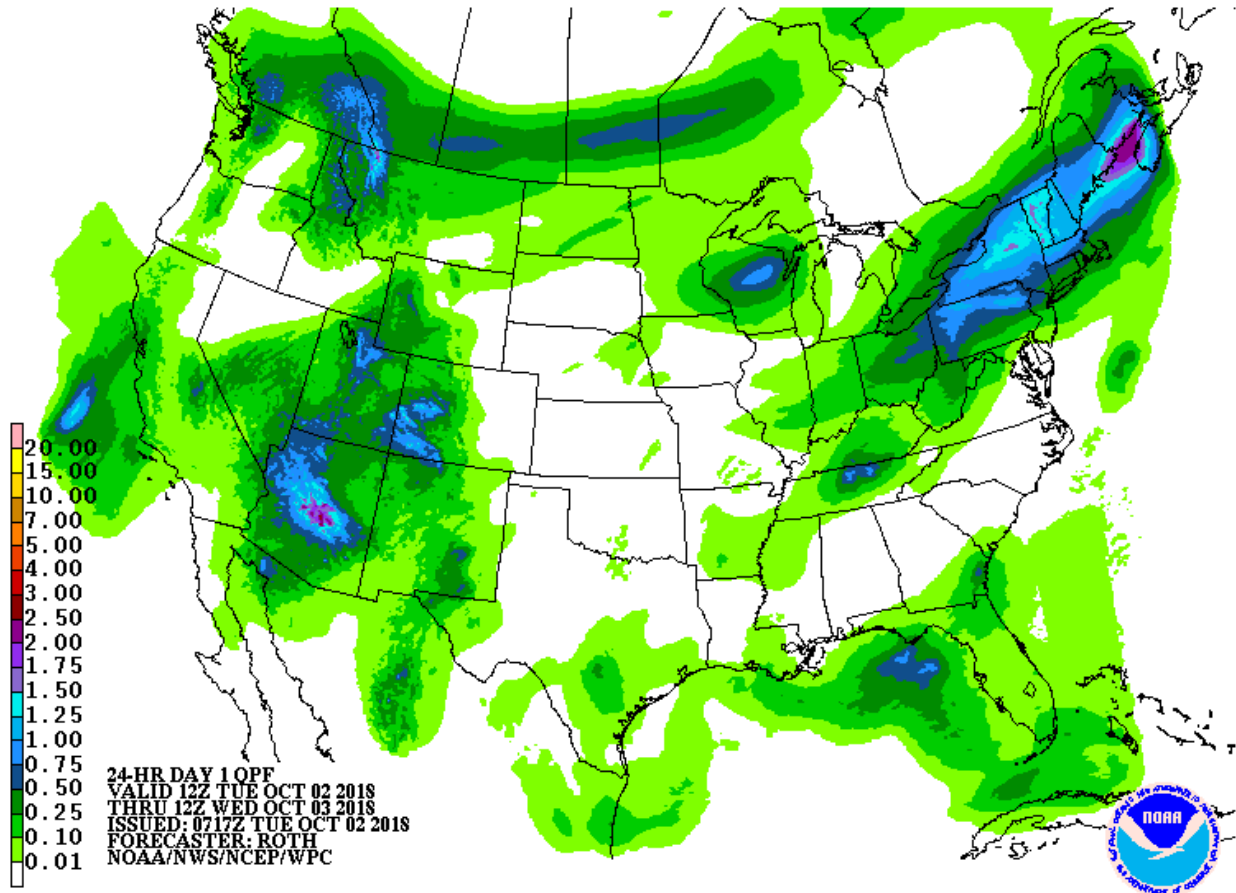


Forecast

As shown in Figure 2, the National Weather Service (NWS) is predicting up to 1/4" of rainfall in the Fox watershed in Wisconsin for the next 24 hours. The NWS is predicting the Fox River near New Munster, WI will crest at a stage of 13.8 feet on Wednesday, with an estimated peak flow of 3800 cfs.

The Chain of Lakes is estimated to peak near a stage of 5.2' on October 6. The Stratton Dam tailwater is estimated to peak 4.8'.

Figure 2: Forecasted Rainfall for the Next 24 Hours



System Conditions and Operations

The sluice gates and the hinged crest gate at Stratton Dam are opened to release 3,000 cfs based on the rainfall that has fallen. Hinged crest gate at Algonquin Dam will be opened today.

Rita Lee, P.E., CFM

Office of Water Resources

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