



Illinois Department of Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271
www.dnr.illinois.gov

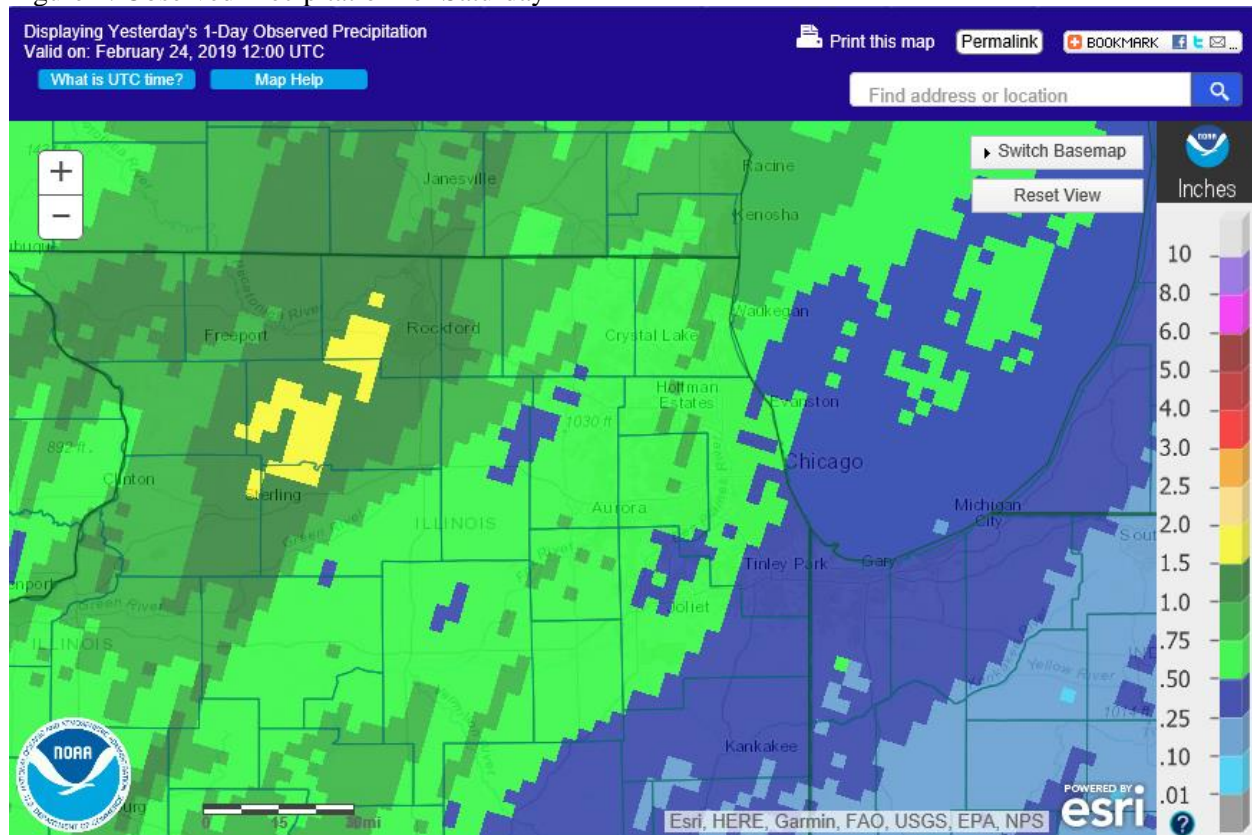
Bruce Rauner, Governor
Wayne A. Rosenthal, Director

Fox River Status Update February 25, 2019

Current Conditions

Figure 1 shows that the Fox River watershed received $\frac{1}{2}$ " to $\frac{3}{4}$ " of precipitation on Saturday. Measured inflows on the Fox River near New Munster, WI are 1880 cfs and appears to be cresting; flows on Nippersink Creek near Spring Grove are 739 cfs and rising. The Fox Lake stage is 3.74 ft and the Stratton Dam Tailwater stage is 3.15 ft. The Fox River at the Algonquin Dam Tailwater stage is 6.95 ft.

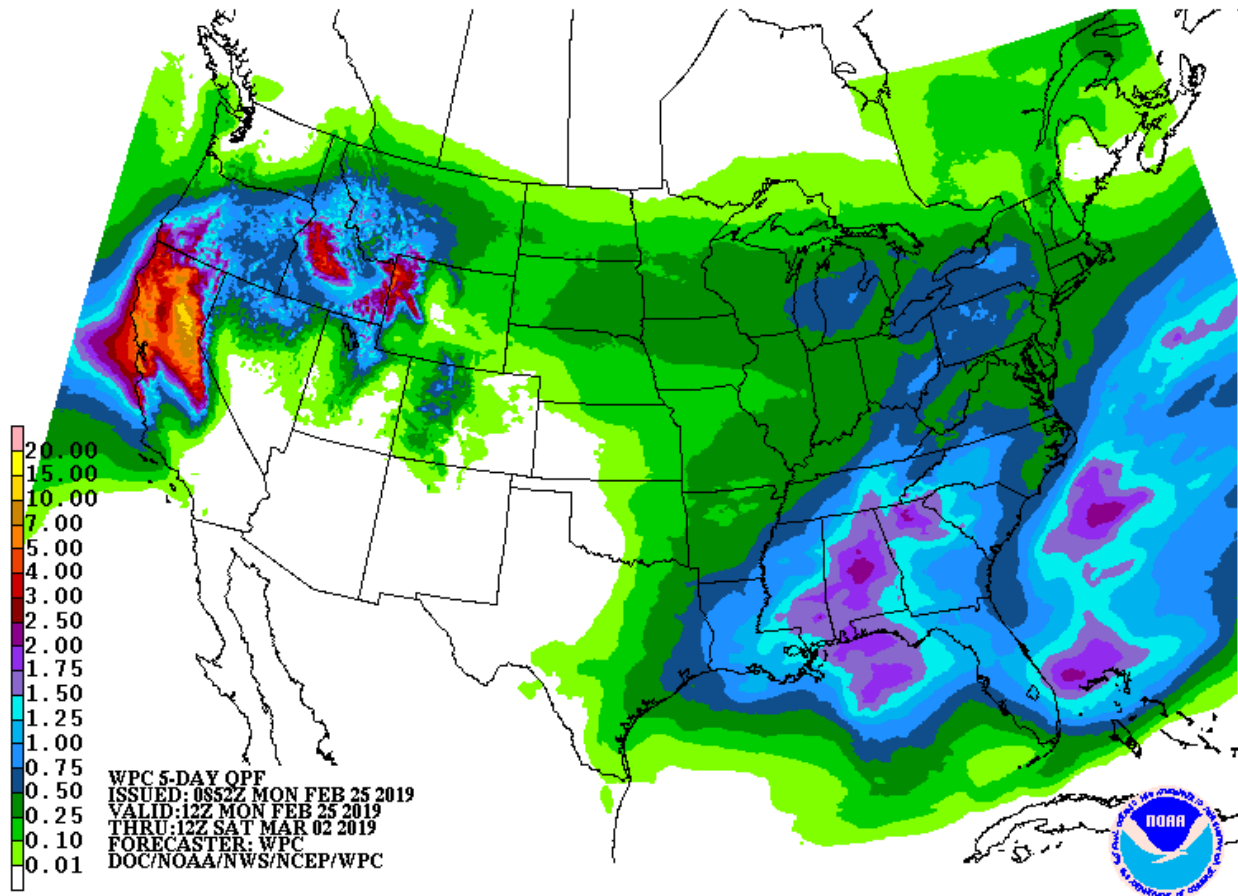
Figure 1: Observed Precipitation for Saturday



Forecast

The National Weather Service (NWS) is predicting frozen precipitation for the next 5 days in the Fox River watershed. Figure 2 shows that the Fox River watershed may receive $\frac{3}{4}$ " to $\frac{1}{2}$ " of precipitation in the next 5 days. The NWS is forecasting that the Fox River at Algonquin Tailwater will crest at a stage of 8 feet on March 1st with a flow of 2370 cfs.

Figure 2: Forecasted Precipitation 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 3.8' and the Chain of Lakes may crest at 4.6' on March 2nd. Our goal is to continue moving as much flow as possible the next few days without impacting homes.

Munib Ahmad, P.E.

Office of Water Resources

Illinois Department of Natural Resources

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