



# Illinois Department of Natural Resources

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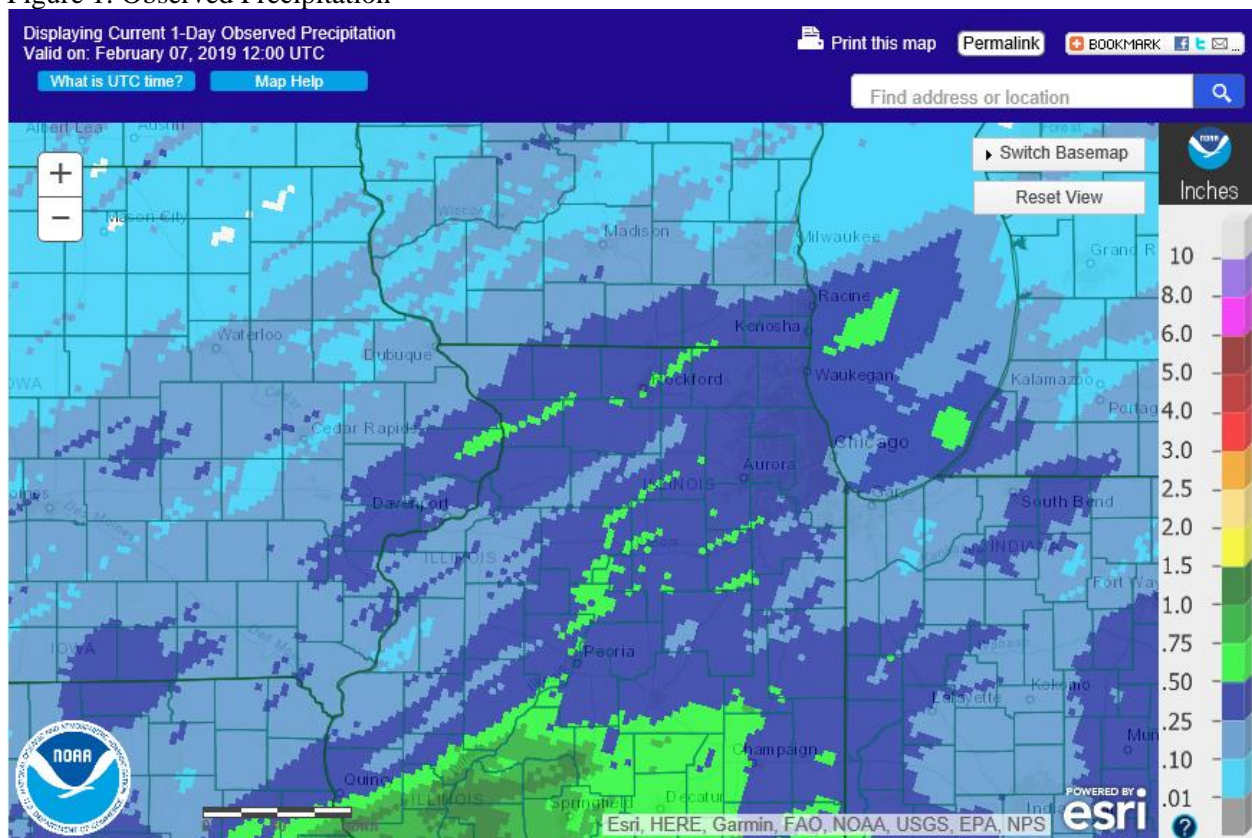
Bruce Rauner, Governor  
Wayne A. Rosenthal, Director

## Fox River Status Update February 7, 2019

### Current Conditions

Most of the Fox River watershed received about ¼” to ½” of precipitation as shown on Figure 1. Measured inflows on the Fox River near New Munster, WI are 2250 cfs and are rising; flows on Nippersink Creek near Spring Grove are 592 cfs and remaining steady. The Fox Lake stage is 4.12 ft and the Stratton Dam Tailwater stage is 4.17 ft. The Fox River at the Algonquin Dam Tailwater stage is 8.64 ft. Please note that the freezing air temperatures may affect the river gages.

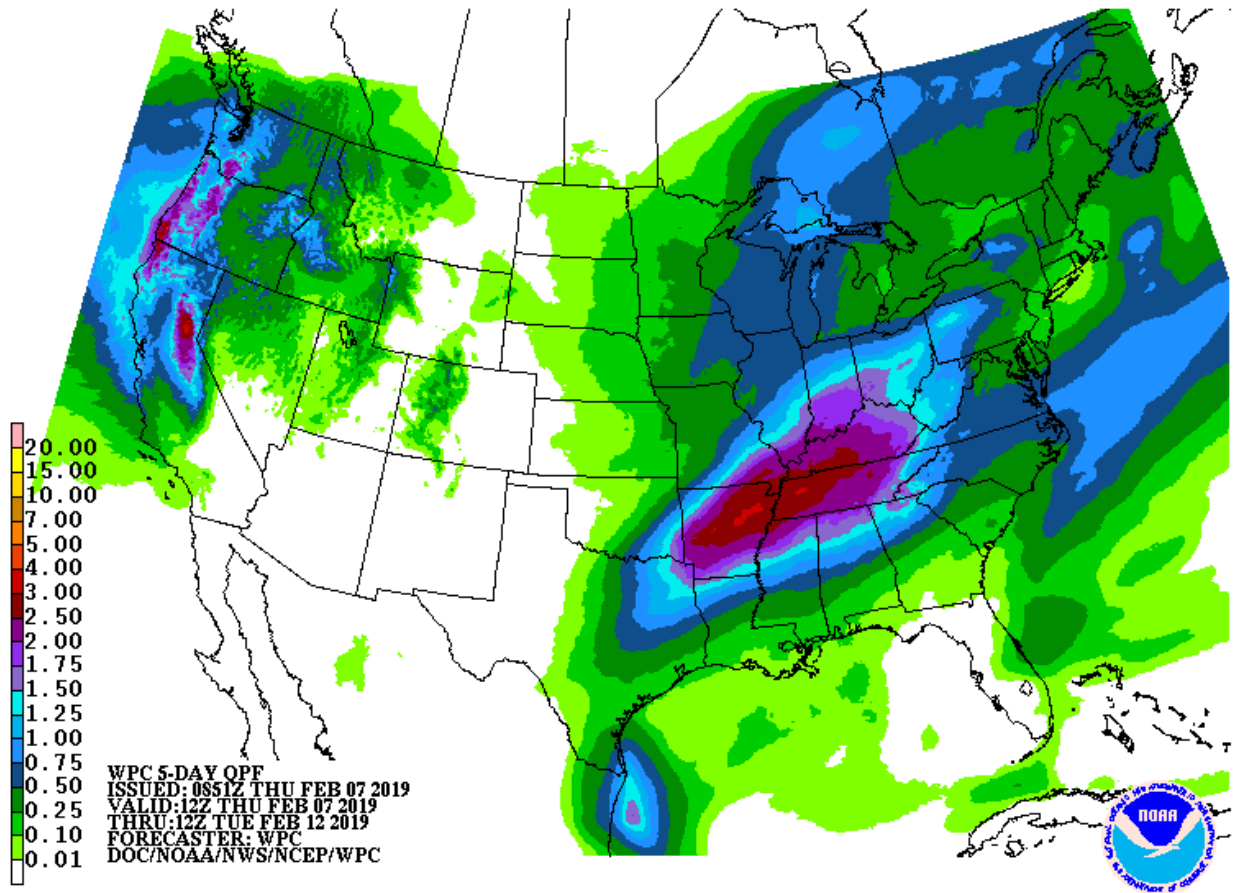
Figure 1: Observed Precipitation



### 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 ½” of precipitation in the next 5 days. The NWS data indicates that Fox River near New Munster, WI will crest at a stage of 11.5 feet on February 9<sup>th</sup>; the current stage is 11.2 feet. The NWS is forecasting the Fox River at Algonquin Tailwater will crest at a stage of 9.4 feet on February 8<sup>th</sup> with a flow of 3600 cfs.

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 opened. The hinged crest gate at Algonquin Dam is partially opened. Estimates indicate that the Stratton Dam tailwater may crest at 4.7' and the Chain of Lakes may crest at 4.7' on February 12<sup>th</sup>. 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

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