



# Illinois Department of Natural Resources

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JB Pritzker, Governor

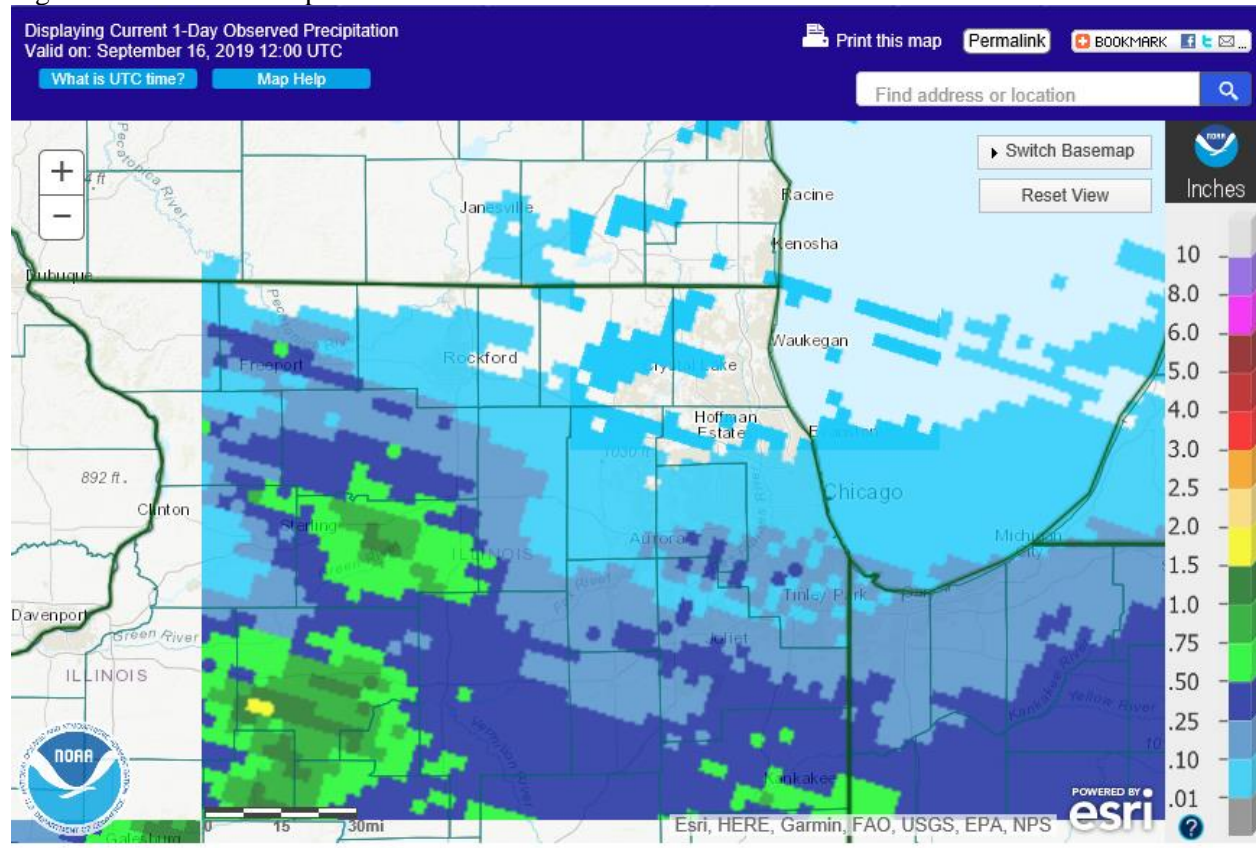
Colleen Callahan, Director

## Fox River Status Update September 16, 2019

### Current Conditions

Fox River watershed received little or no precipitation within the last one day as shown on Figure 1. Measured inflows on the Fox River near New Munster, WI are 3450 cfs and dropping; flows on Nippersink Creek near Spring Grove are 1590 cfs and dropping. The Fox Lake stage is 6.7 ft and the Stratton Dam Tailwater stage is 6.26 ft. The Fox River at the Algonquin Dam Tailwater stage is 11.25 ft.

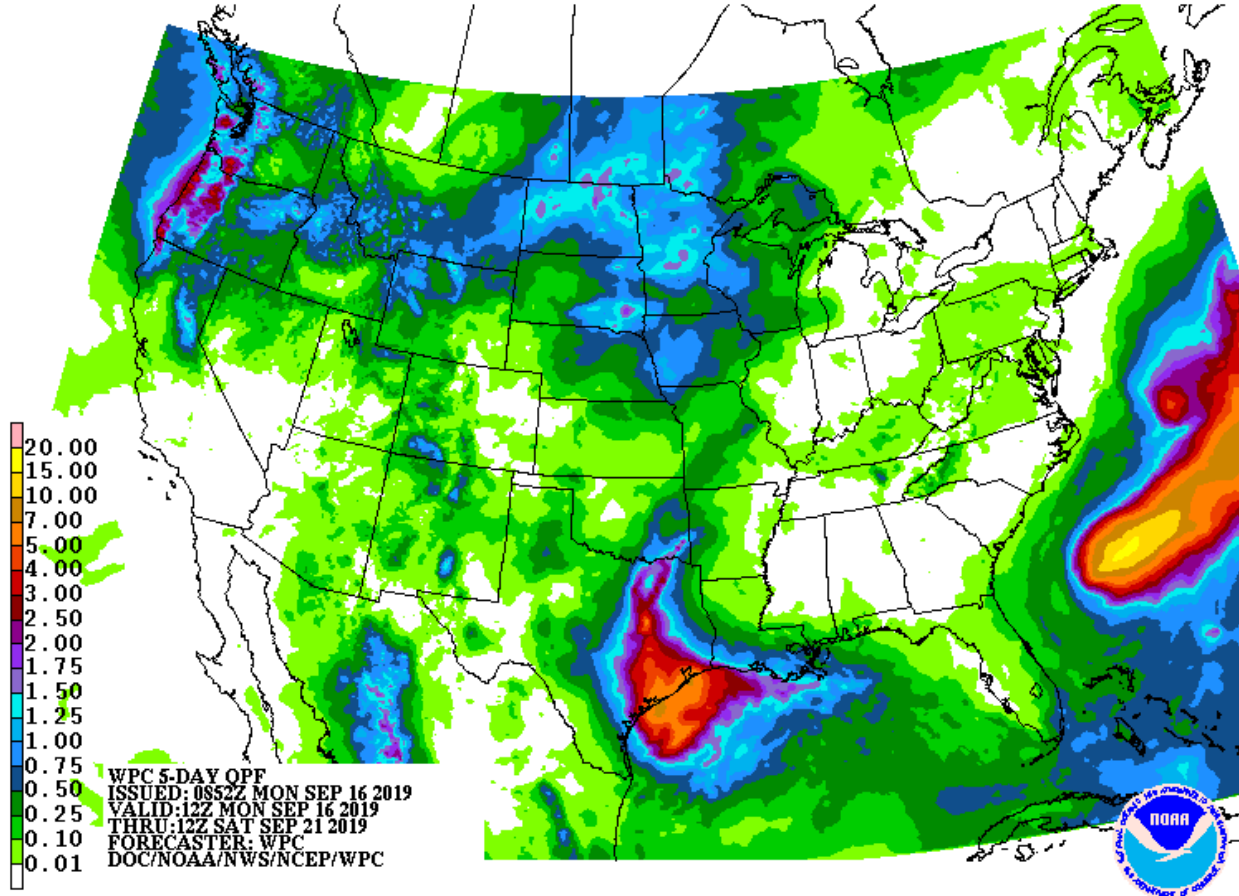
Figure 1: Observed Precipitation



### Forecast

The National Weather Service (NWS) is predicting 0.1" to ½" of precipitation for the next 5 days in the Fox River watershed as shown on Figure 2. The NWS is forecasting that the Fox River near New Munster, WI will drop below the flood stage on September 20<sup>th</sup>. The NWS is forecasting that the Fox River at Algonquin Tailwater will crest at a stage of 11.5 ft on September 18<sup>th</sup> with a flow of 5820 cfs.

Figure 2: Forecasted Precipitation for the Next 5 days



### System Conditions and Operations

All sluice gates and the hinged crest gate at Stratton Dam are completely opened. The hinged crest gate at Algonquin Dam is also completely opened to pass as much flow as possible. Estimates indicate that Fox Lake may crest near 6.8' and Stratton Dam tailwater may crest near 6.4' on September 17<sup>th</sup>.

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Office of Water Resources

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