



# Illinois Department of Natural Resources

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JB Pritzker, Governor

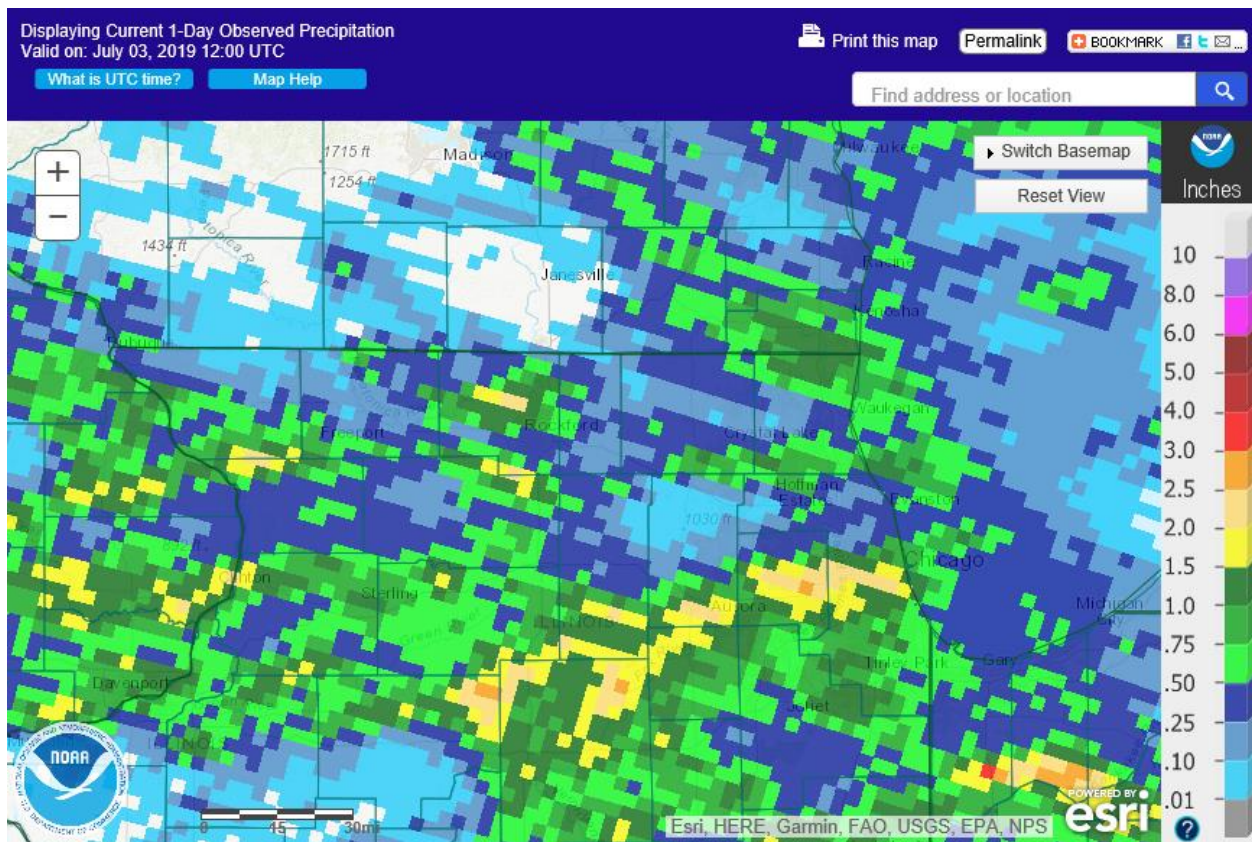
Colleen Callahan, Director

## Fox River Status Update July 3, 2019

### Current Conditions

Measured inflows on the Fox River near New Munster, WI are 1500 cfs and holding steady; flows on Nippersink Creek near Spring Grove are 489 cfs and dropping. Flows at Algonquin Dam Tailwater are 2770 cfs. The Fox Lake stage is 4.98 ft and the Stratton Dam Tailwater stage is 3.7 ft. The Fox River at the Algonquin Dam Tailwater stage is 8.5 ft. The Fox River watershed received precipitation in the amount ranging from 0.1" to ¾" in the Fox River watershed as shown on Figure 1.

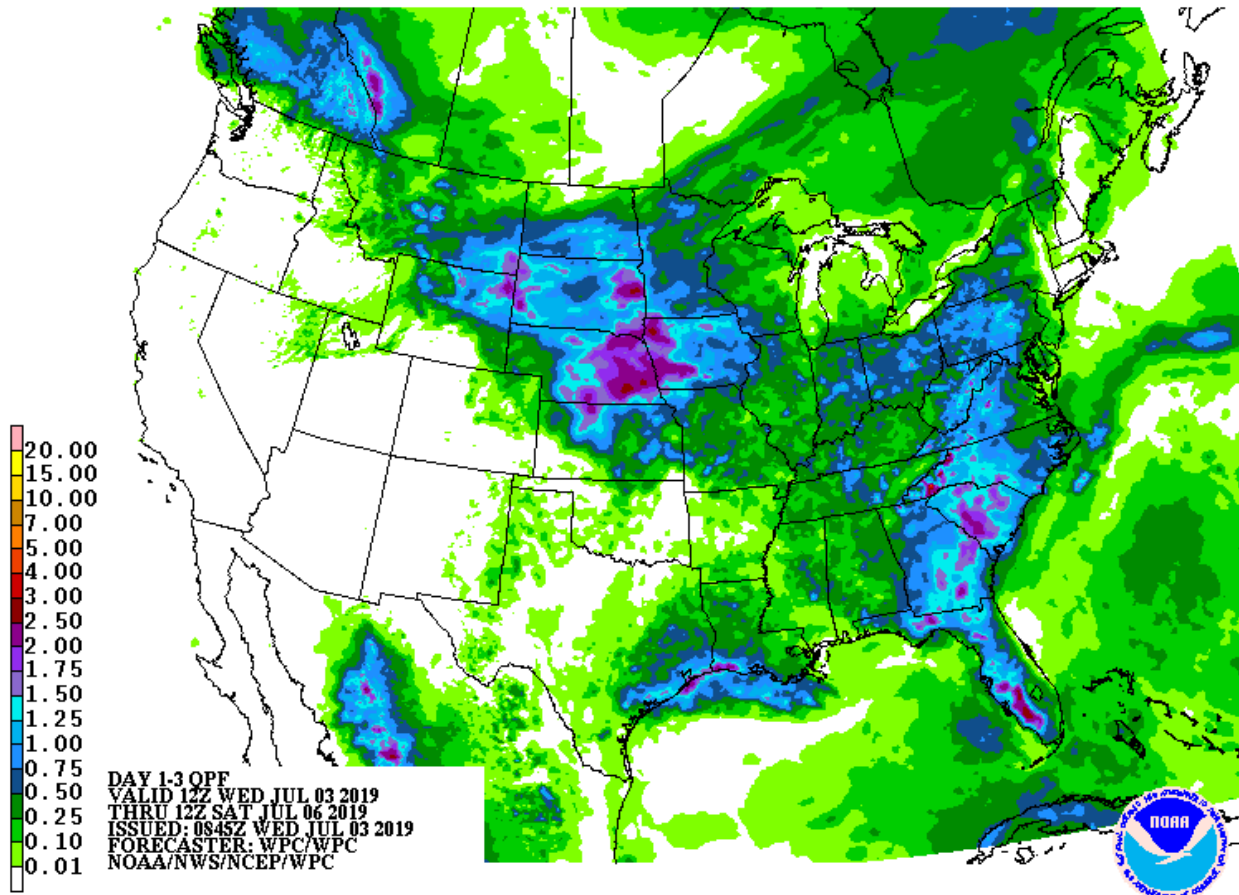
Figure 1: Observed Precipitation



## Forecast

The National Weather Service (NWS) is predicting 0.1” to ½” of precipitation in the next 72 hours over the Fox River watershed as shown on Figure 2. The Fox River near New Munster, WI is not forecasted to rise into flood stage based on forecasted precipitation for the next 72 hours.

Figure 2: Forecasted Precipitation for the Next 3 Days



## System Conditions and Operations

The hinged crest gate at Stratton Dam is completely opened and sluice gates are partially opened today. The hinged crest gate at Algonquin Dam was opened and is opened more today. The goal is to continue dewatering the Chain of Lakes. Based on today’s river forecast from the NWS, our estimates indicate that Fox Lake stage will remain below 5 ft and the Stratton Dam tailwater stage will remain below 4 ft over the July 4<sup>th</sup> holiday.

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Office of Water Resources

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