



Illinois Department of Natural Resources

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JB Pritzker, Governor

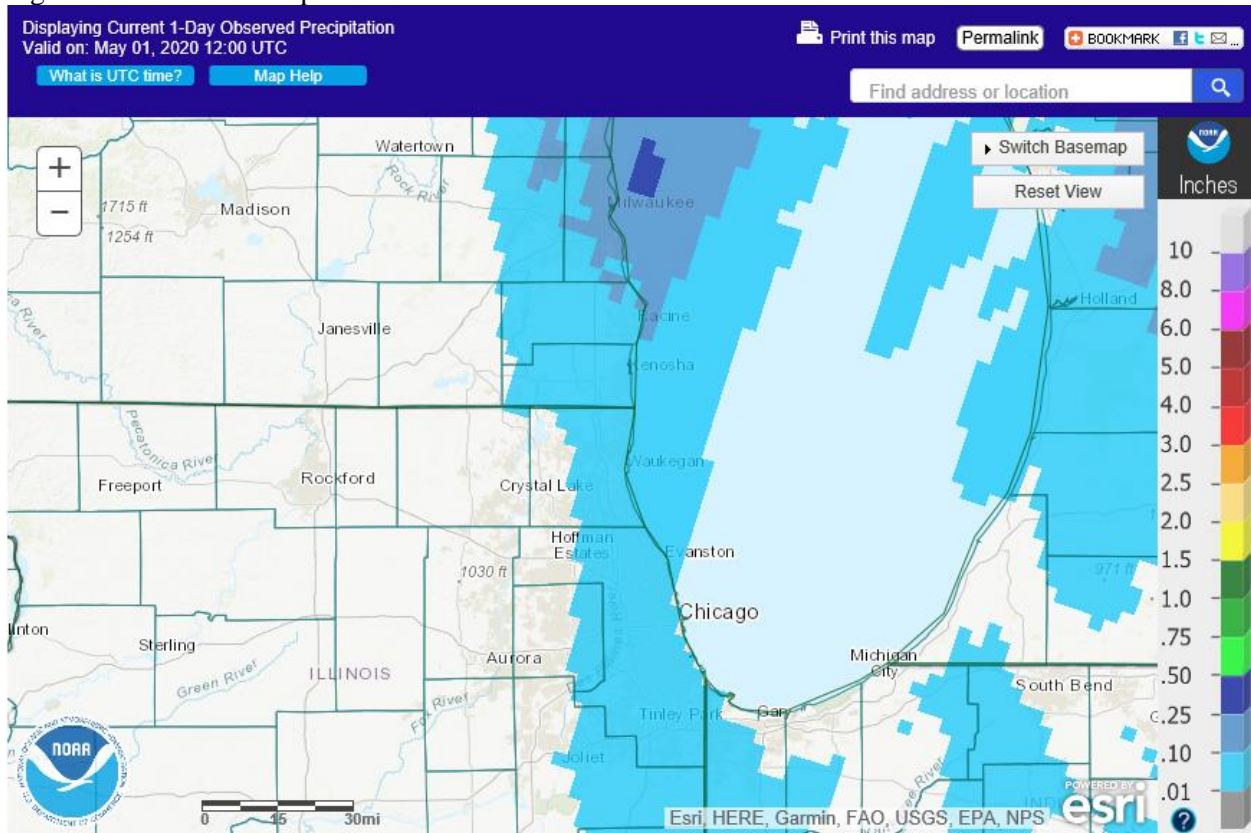
Colleen Callahan, Director

Fox River Status Update May 1, 2020

Current Conditions

Fox River watershed received precipitation in the amounts ranging from 0.01” to 0.1” within the last 24 hours as shown on Figure 1. Measured inflows on the Fox River near New Munster, WI are 3250 cfs and levelling off; flows on Nippersink Creek near Spring Grove are 1610 cfs and levelling off. The Fox Lake stage is 5.19 ft and the Stratton Dam Tailwater stage is 4.83 ft. The Fox River at the Algonquin Dam Tailwater stage is 10.18 ft.

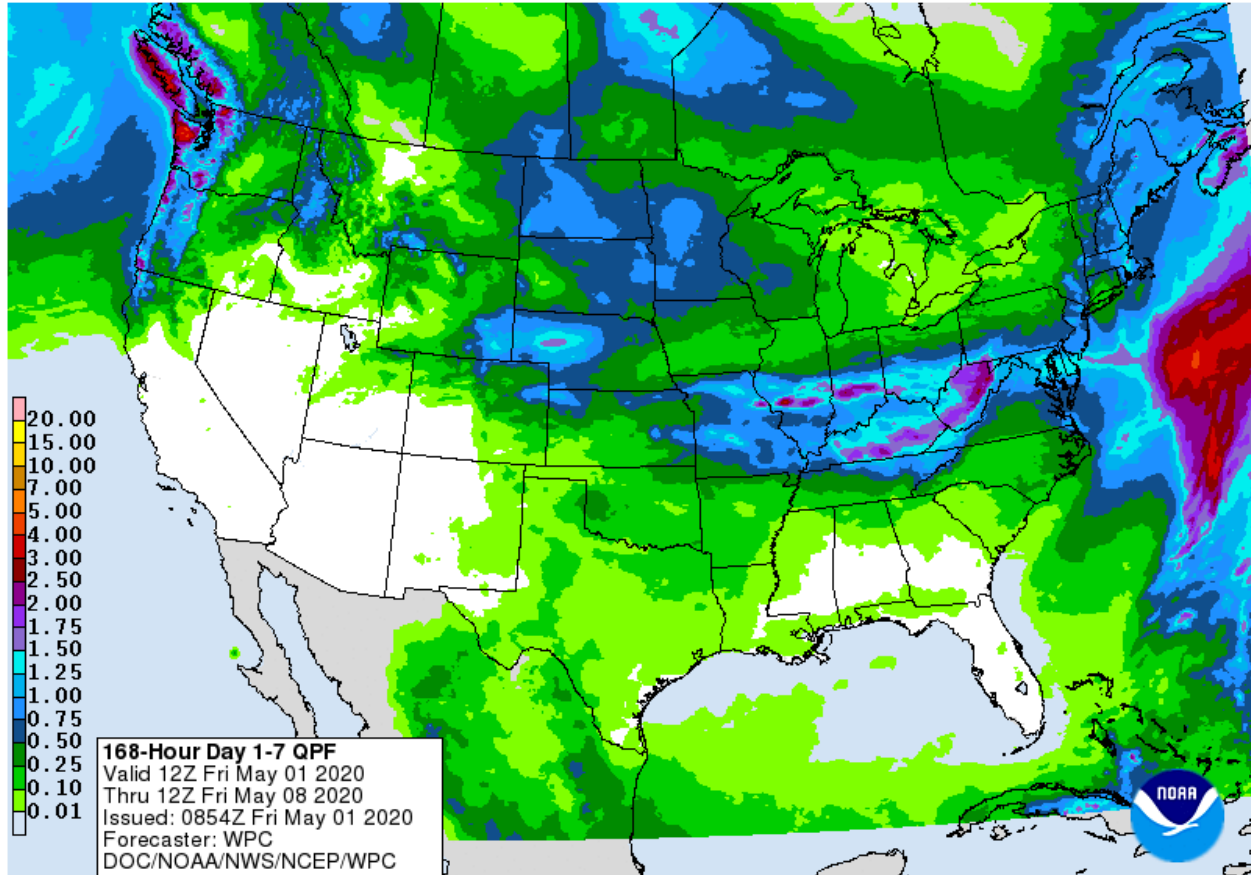
Figure 1: Observed Precipitation



Forecast

The NWS is predicting precipitation in the amounts ranging from 0.1” to ½” for the next 7 days in the Fox River watershed as shown on Figure 2. The NWS is forecasting that the Fox River near New Munster, WI will crest at a stage of 12.44 ft today. The NWS is forecasting that the Fox River at Algonquin Tailwater will crest at a stage of 10.7 ft on May 4 with a flow of 4920 cfs.

Figure 2: Forecasted Precipitation for the Next 7 days



System Conditions and Operations

All gates at Stratton Dam and Algonquin Dam are completely opened to pass as much flow as possible. Based on today’s river forecast from the NWS, our estimates indicate that Fox Lake may surpass 5.5’ stage level and Stratton Dam Tailwater may surpass 5’ stage level by tomorrow (Saturday).

Munib Ahmad, P.E.

Office of Water Resources

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