



Illinois Department of Natural Resources

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JB Pritzker, Governor

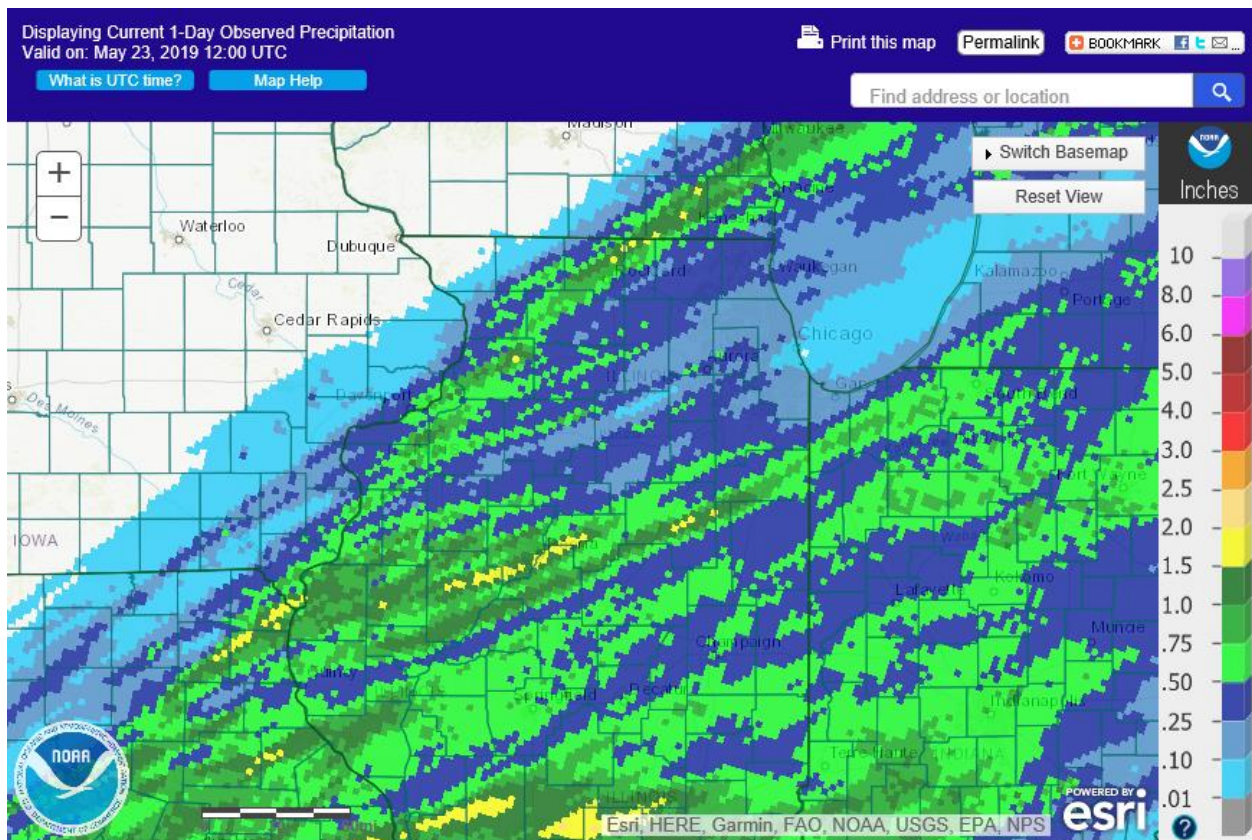
Colleen Callahan, Director

Fox River Status Update May 23, 2019

Current Conditions

Measured inflows on the Fox River near New Munster, WI are 1950 cfs and rising; flows on Nippersink Creek near Spring Grove are 437 cfs and rising. Flows at Algonquin Dam Tailwater are 2630 cfs. The Fox Lake stage is 4.7 ft and the Stratton Dam Tailwater stage is 2.97 ft. The Fox River at the Algonquin Dam Tailwater stage is 8.2 ft. The Fox River watershed received 0.1" to ½" of precipitation (in Illinois) and ½" to 1½" of precipitation (in Wisconsin) as shown on Figure 1.

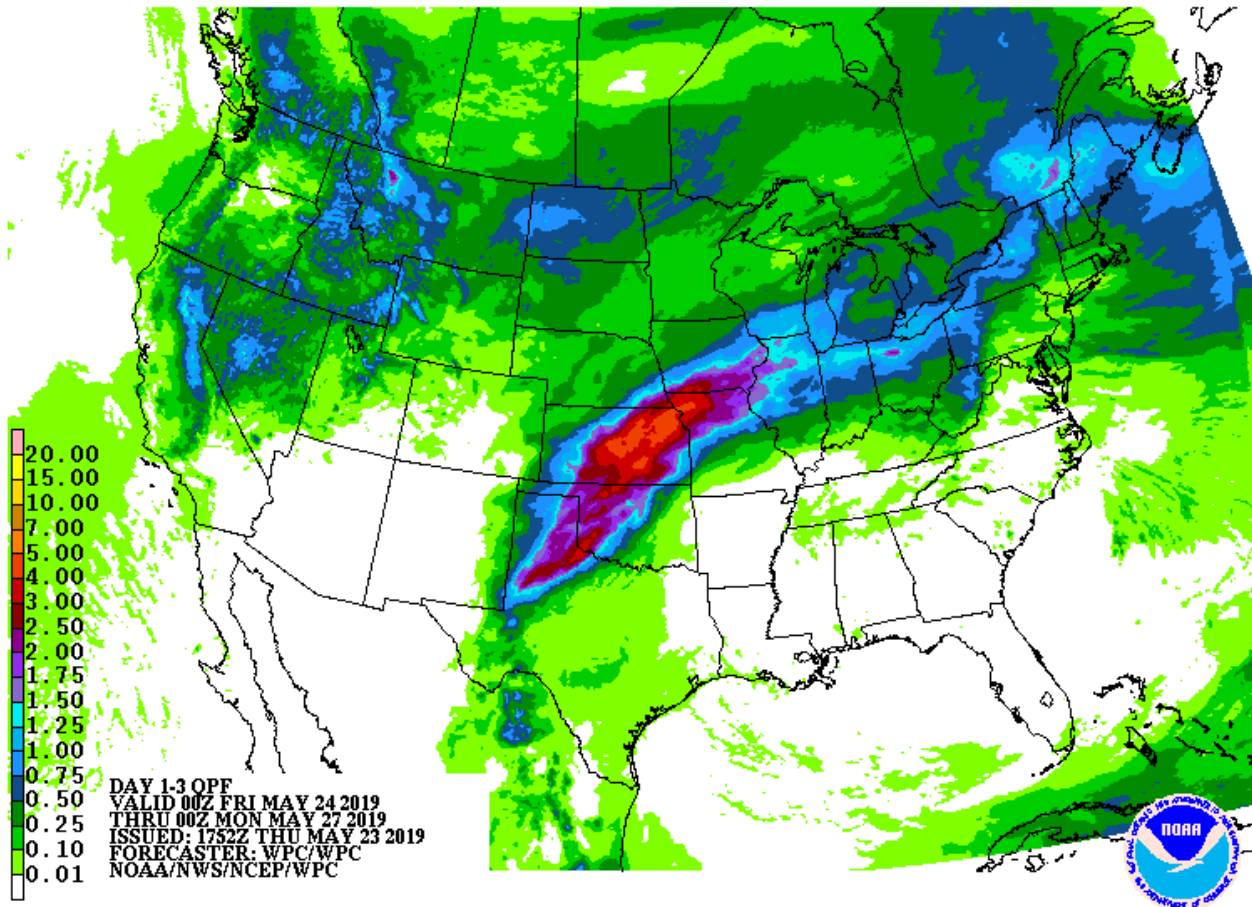
Figure 1: Observed Precipitation



Forecast

The National Weather Service (NWS) is predicting 1” to 1 ½” of precipitation for the next 3 days in the Fox River watershed as shown on Figure 2. The NWS is predicting that the Fox River near New Munster, WI will rise into flood stage and crest at 11.5 ft tomorrow based on rainfall until 6 am May 24.

Figure 2: Forecasted Precipitation for the Next 3 days



System Conditions and Operations

Since the inflows have increased due to the precipitation last night, the sluice gates at Stratton Dam are partially opened and the hinged crest gate is completely opened. Hinged crest gate at Algonquin Dam was partially opened and opened more today. 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 holiday weekend.

Munib Ahmad, P.E.

Office of Water Resources

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