



Illinois Department of Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271
www.dnr.illinois.gov

JB Pritzker, Governor

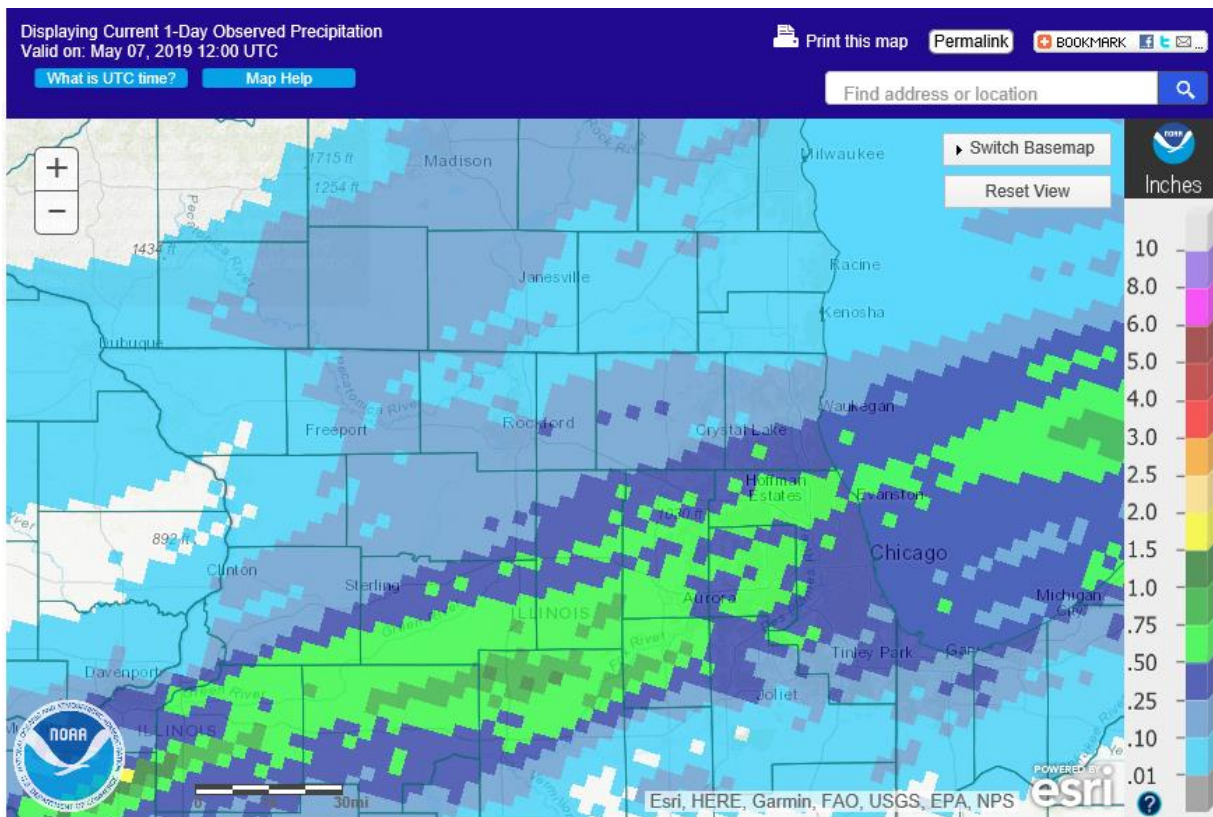
Colleen Callahan, Director

Fox River Status Update
May 7, 2019

Current Conditions

Measured inflows on the Fox River near New Munster, WI are 1760 cfs and holding steady; flows on Nippersink Creek near Spring Grove are 394 cfs and holding steady. Flows at Algonquin Dam Tailwater are 3430 cfs. The Fox Lake stage is 5.3 ft and the Stratton Dam Tailwater stage is 3.9 ft. The Fox River at the Algonquin Dam Tailwater stage is 9.1 ft. The Fox River watershed received trace rain in Milwaukee to 1/2" in Elgin yesterday as shown in Figure 1.

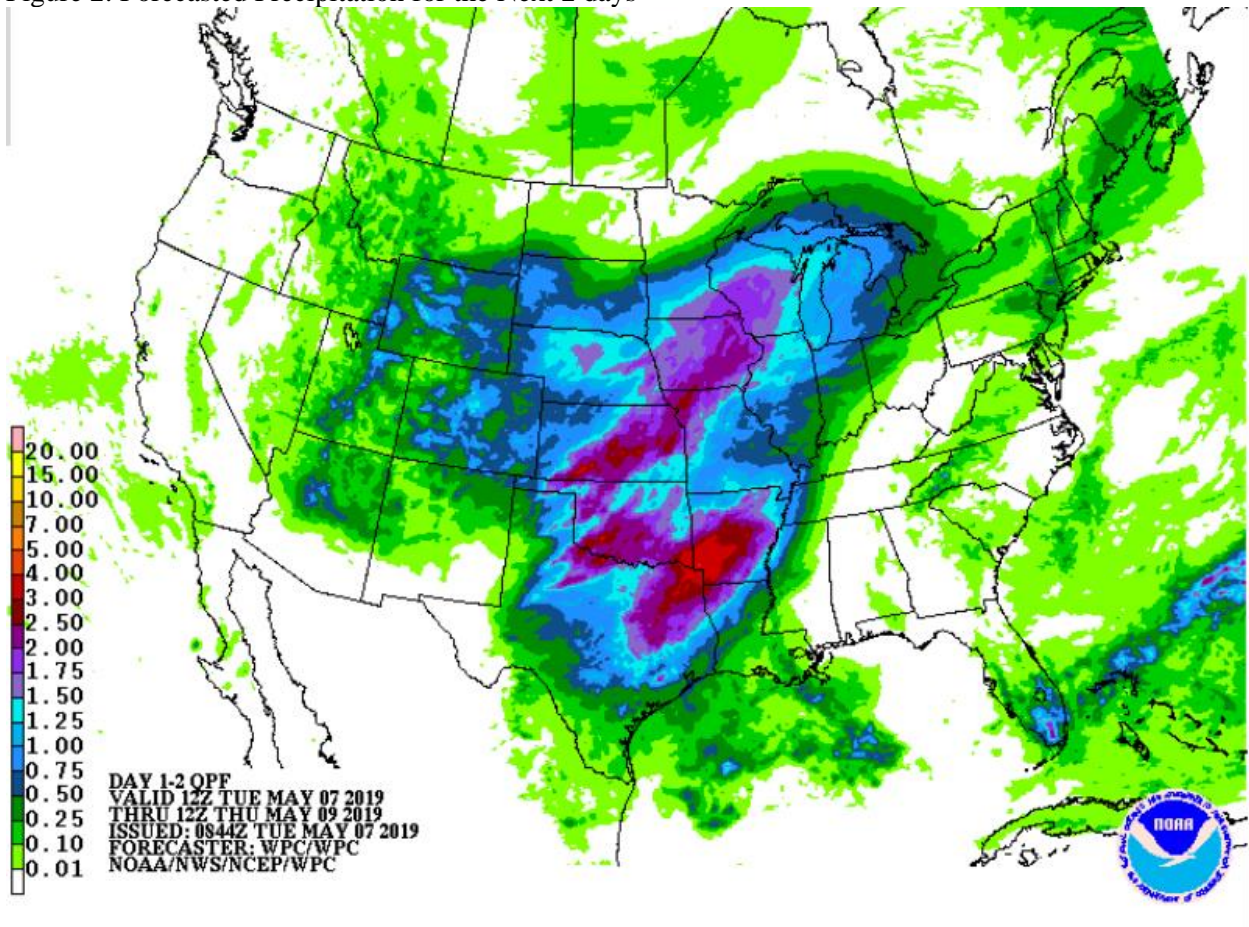
Figure 1: Observed Precipitation Today



Forecast

The National Weather Service (NWS) is predicting 1 1/4 "of precipitation for the next 2 days in the Fox River watershed as shown on Figure 2. Little precipitation is forecasted for the rest of the week. With this additional rain, the NWS is predicting that the Fox River near New Munster, WI will crest at stage of 11.6' (2600 cfs) on May 10.

Figure 2: Forecasted Precipitation for the Next 2 days



System Conditions and Operations

The sluice gates are partially opened and the hinged crest is completely opened at Stratton Dam. The hinged crest gate at Algonquin Dam was partially opened and will be opened more today. Our estimates indicate that the stage level at Fox Lake will crest at 5.6' and the Stratton Dam tailwater will crest at 4.5'.

Munib Ahmad, P.E.

Office of Water Resources

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