



Illinois Department of Natural Resources

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JB Pritzker, Governor

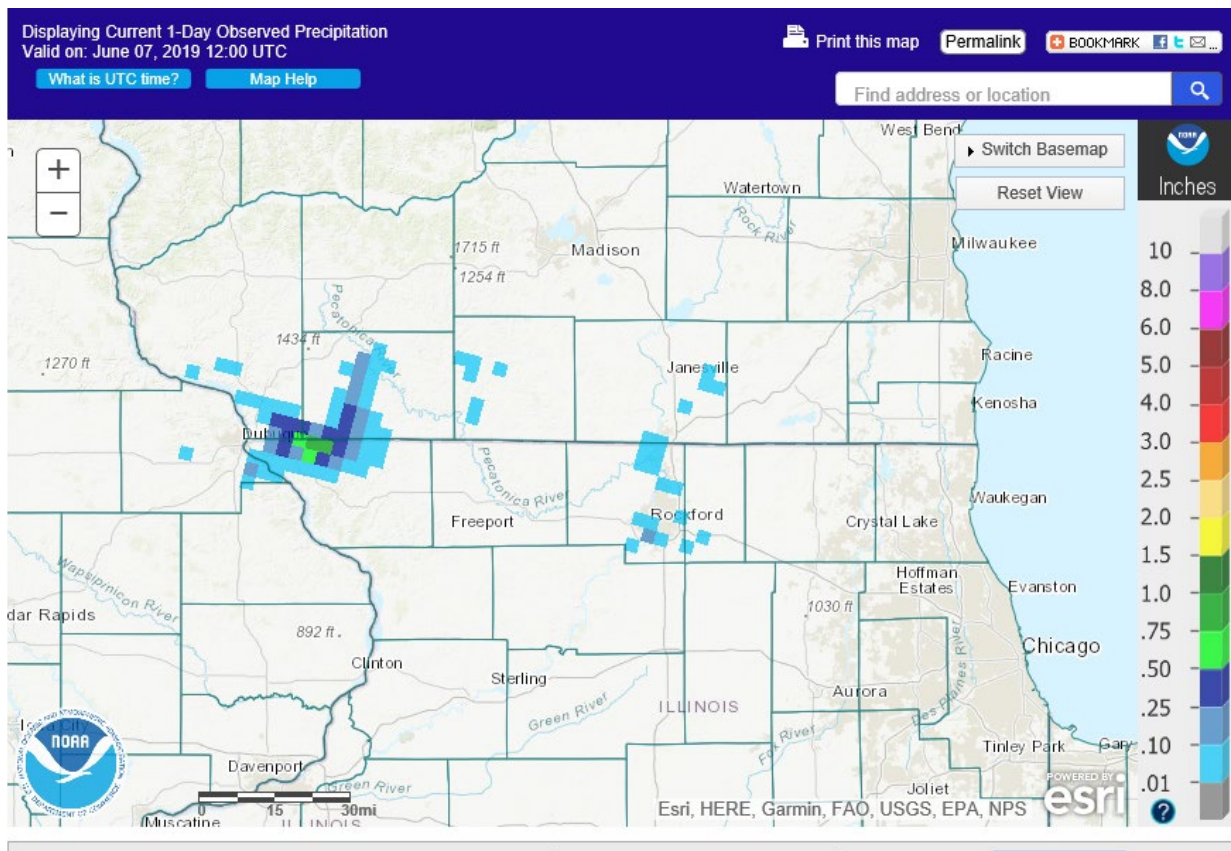
Colleen Callahan, Director

Fox River Status Update June 7, 2019

Current Conditions

Measured inflows on the Fox River near New Munster, WI are 1750 cfs and are dropping 200cfs/day; flows on Nippersink Creek near Spring Grove are 326 cfs and slowly dropping. Flows at Algonquin Dam Tailwater are 4300 cfs. The Fox Lake stage is 5.4 ft and the Stratton Dam Tailwater stage is 4.8 ft. The Fox River at the Algonquin Dam Tailwater stage is 10.0 ft. The Fox River watershed received no precipitation throughout the watershed as shown on Figure 1.

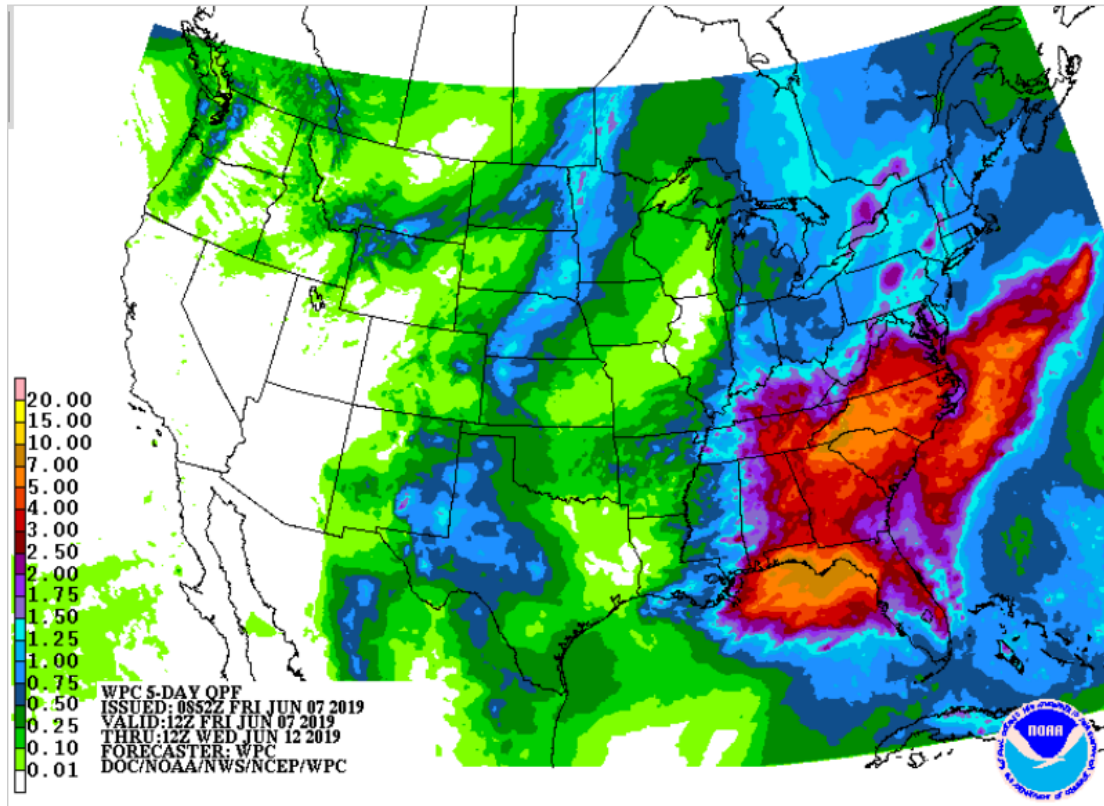
Figure 1: Observed Precipitation



Forecast

The National Weather Service (NWS) is predicting little precipitation for the next 5 days over the Fox River watershed as shown on Figure 2. Fox Lake has dropped 0.15' in the past 24 hours. If Fox Lake keeps dropping at this rate, Fox Lake will be below a stage of 5.0 feet on the afternoon of June 10.

Figure 2: Forecasted Precipitation for the Next 5 Days



System Conditions and Operations

The sluice gates at Stratton Dam are partially opened and the hinged crest gate is completely opened. The hinged crest gate at Algonquin Dam is completely opened. Flows on the Fox River will drop as the Chain of Lakes drops. When Fox Lake drops below a stage of 5.0 feet, gates at Stratton Dam will be partially closed. Outflows will remain greater than inflows, so the dewatering of the Chain will continue. Restoring the available storage in the Chain of Lakes benefits everyone.

Rita Lee, P.E., CFM

Office of Water Resources

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