



Illinois Department of Natural Resources

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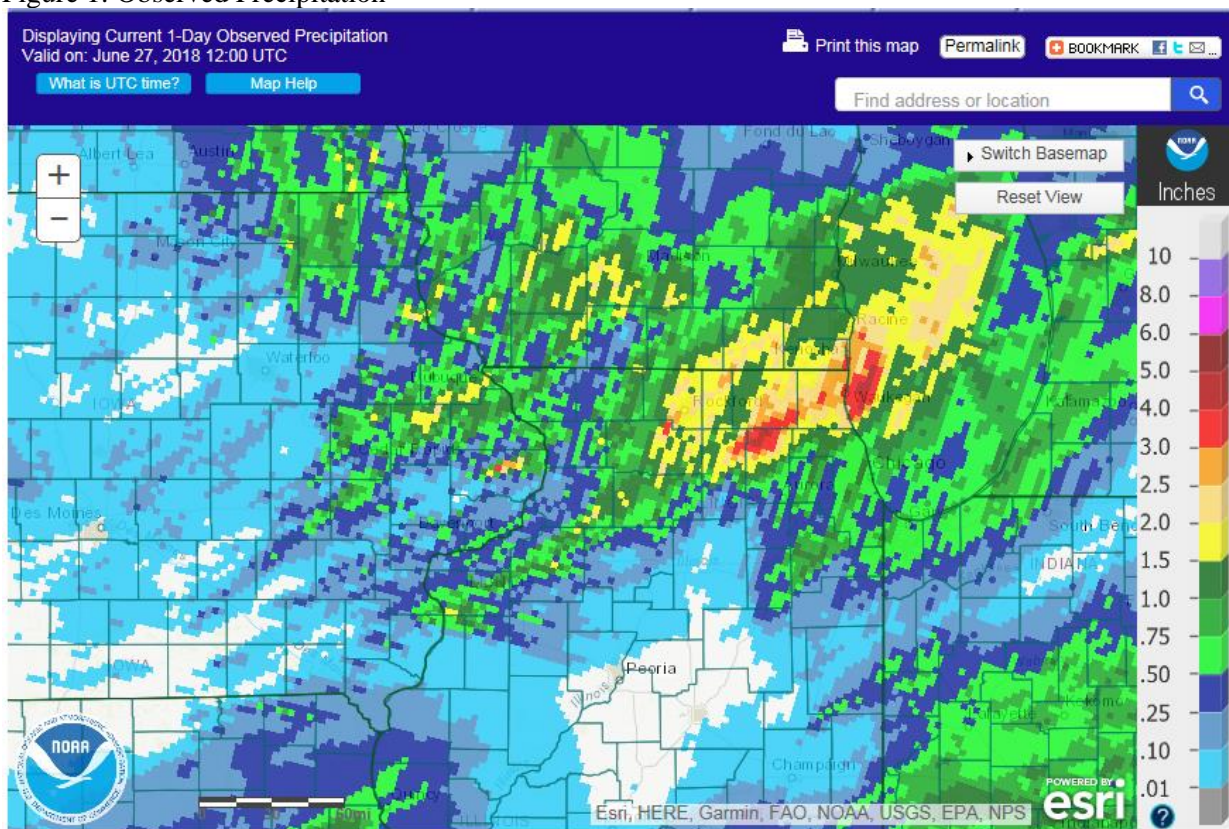
Bruce Rauner, Governor
Wayne A. Rosenthal, Director

Fox River Status Update
June 27, 2018

Current Conditions

Figure 1 shows the observed precipitation from the past 24 hours. Rainfall amounts from ¾” to 3” were observed with the heavy rain falling in Illinois upstream of Algonquin Dam. The Fox River system has crested and was falling but the additional rain will slow down the recession. Fox Lake stage is 5.7’. The Stratton Dam Tailwater stage is 5.5’. The Fox River at the Algonquin Dam Tailwater stage is 11.4’. Measured inflows on the Fox River near New Munster, WI are 2100 cfs and on Nippersink Creek near Spring Grove flows are 744 cfs.

Figure 1: Observed Precipitation

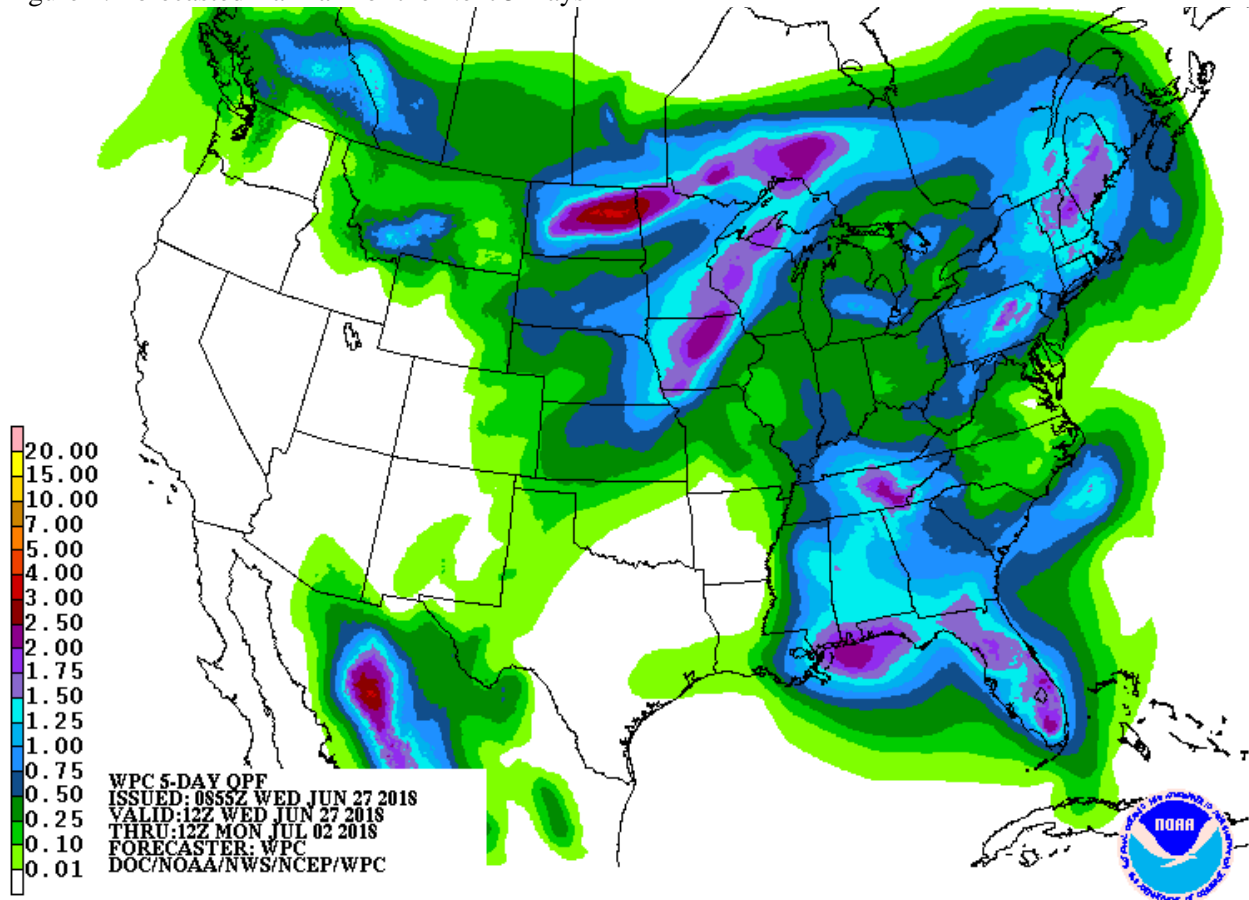


Forecast

As shown in Figure 2, the National Weather Service (NWS) is predicting minimal rainfall for the next 5 days in the Fox River Watershed. The Fox River near New Munster is forecasted to rise to a peak stage

of 11.0' and a peak flow of 2100 cfs. The NWS forecast for the Fox River Algonquin Dam Tailwater is to continue falling.

Figure 2: Forecasted Rainfall for the Next 5 Days



System Conditions and Operations

The sluice gates and the hinged crest gate at Stratton Dam and the gate at Algonquin Dam are opened. My estimate is that inflows to the Chain of Lakes will rise but not above the outflows from Stratton Dam. Therefore, the stages will remain high for a few days and then start falling again. The gates will remain open until inflows drop.

Rita Lee, P.E., CFM

Office of Water Resources

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