



Illinois Department of Natural Resources

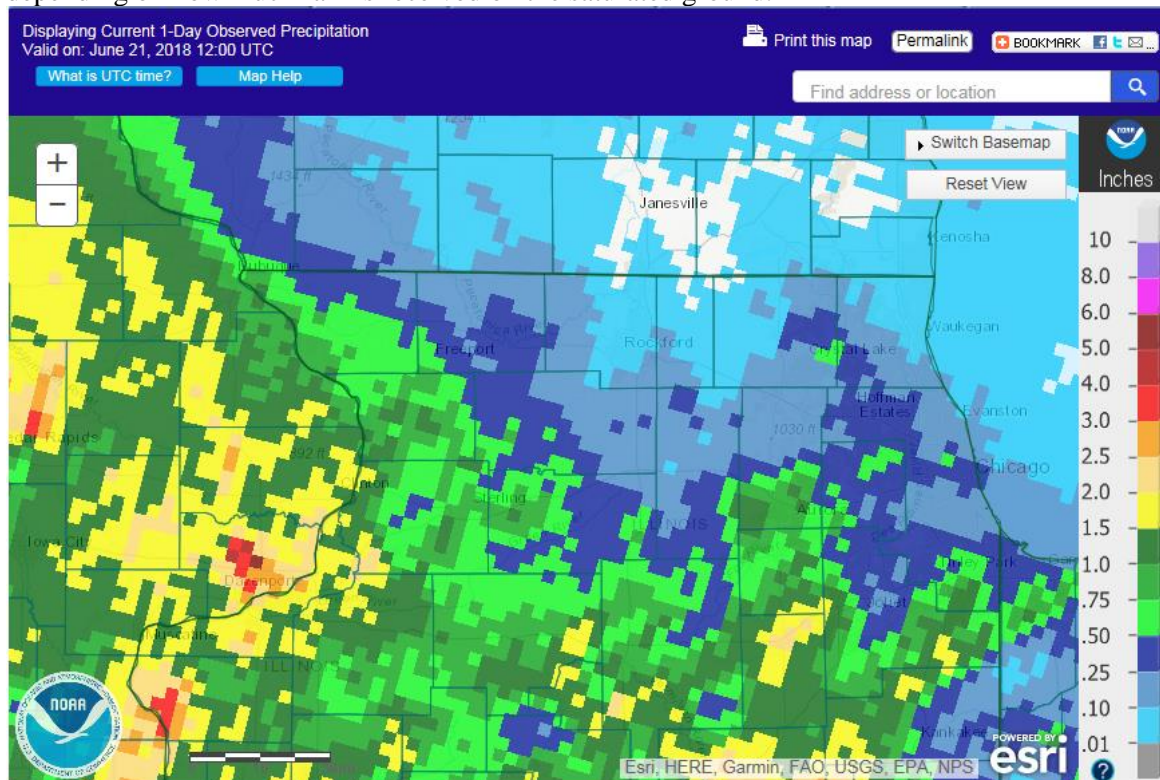
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Bruce Rauner, Governor
Wayne A. Rosenthal, Director

Fox River Status Update
June 21, 2018

Current Conditions

Over the past 24 hours ending at 7am, little rain over the Fox River watershed; Figure 1 shows this precipitation. Fox Lake stage is 5.3' and rising. The Stratton Dam Tailwater stage is 4.4' and rising. The Fox River at the Algonquin Dam Tailwater stage is 9.3' and rising. Flows on the Fox River near New Munster, WI are 2720 cfs. Flows on Nippersink Creek near Spring Grove are 1690 cfs. Both rivers have crested. However, additional rainfall today will delay the recession of the flows or increase the flows depending on how much rain is received on the saturated ground.



Forecast

As shown in Figure 2, the rainfall forecast for today is up to 1 ½" in Illinois portion of the watershed. As shown in Figure 3 the rainfall forecast for the next 5 days is up to 1" in the Wisconsin portion of the watershed and up to 3" in the Illinois portion of the watershed. Most of the rainfall shown in the 5-day precipitation forecast is expected today. The National Weather Service (NWS) is forecasting the Fox River near New Munster, WI has crested at 11.7' and remain above flood stage until Sunday June 24. NWS is forecasting the Algonquin Dam Tailwater stage will crest at 11.5' on Saturday June 23.

Figure 2: Forecasted Rainfall for the next 24 Hours

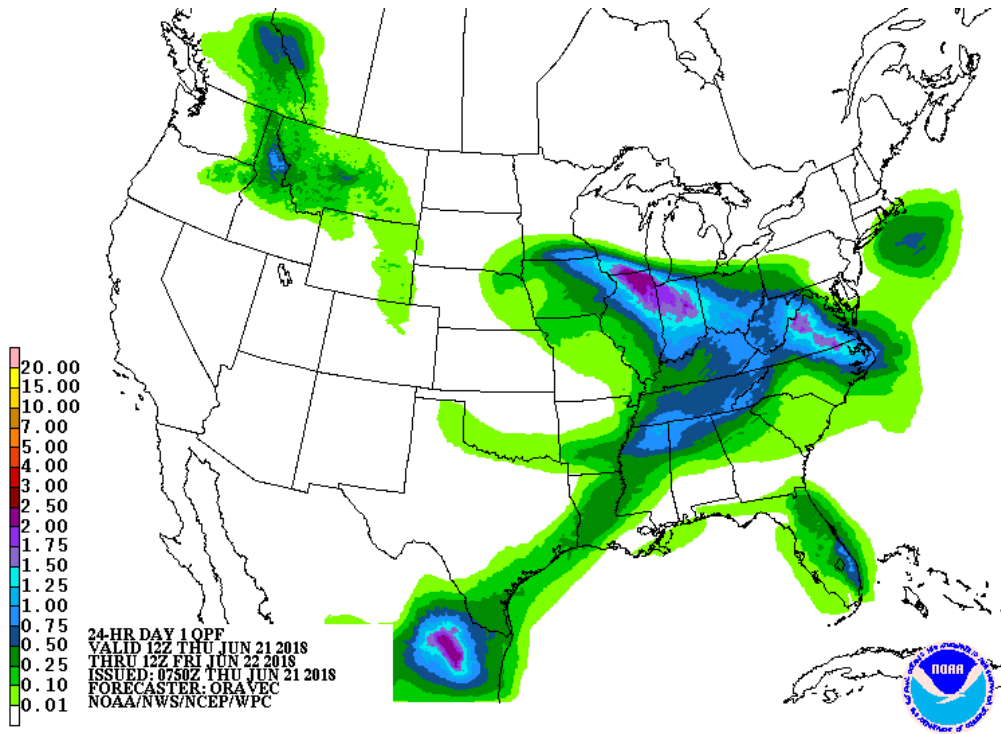
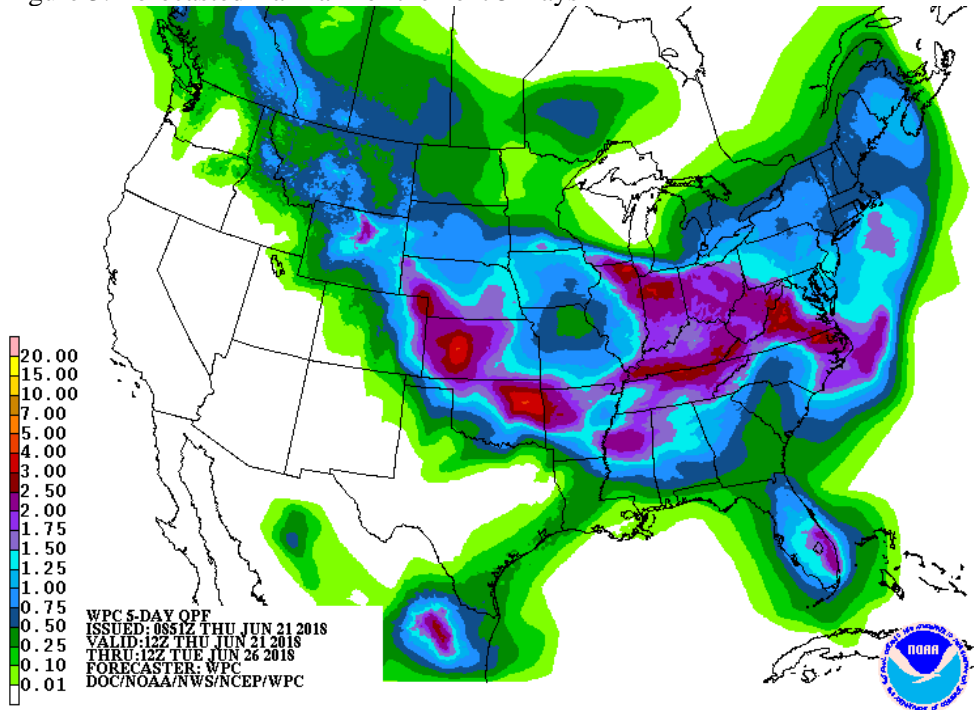


Figure 3: Forecasted Rainfall for the next 5 Days



System Conditions and Operations

The sluice gates and the hinged crest gate at Stratton Dam and the gate Algonquin Dam are opened.

I am unable to make crest estimations for Fox Lake and Stratton Dam Tailwater as it is currently raining.

Rita Lee, P.E., CFM

Office of Water Resources

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