



Illinois Department of Natural Resources

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JB Pritzker, Governor

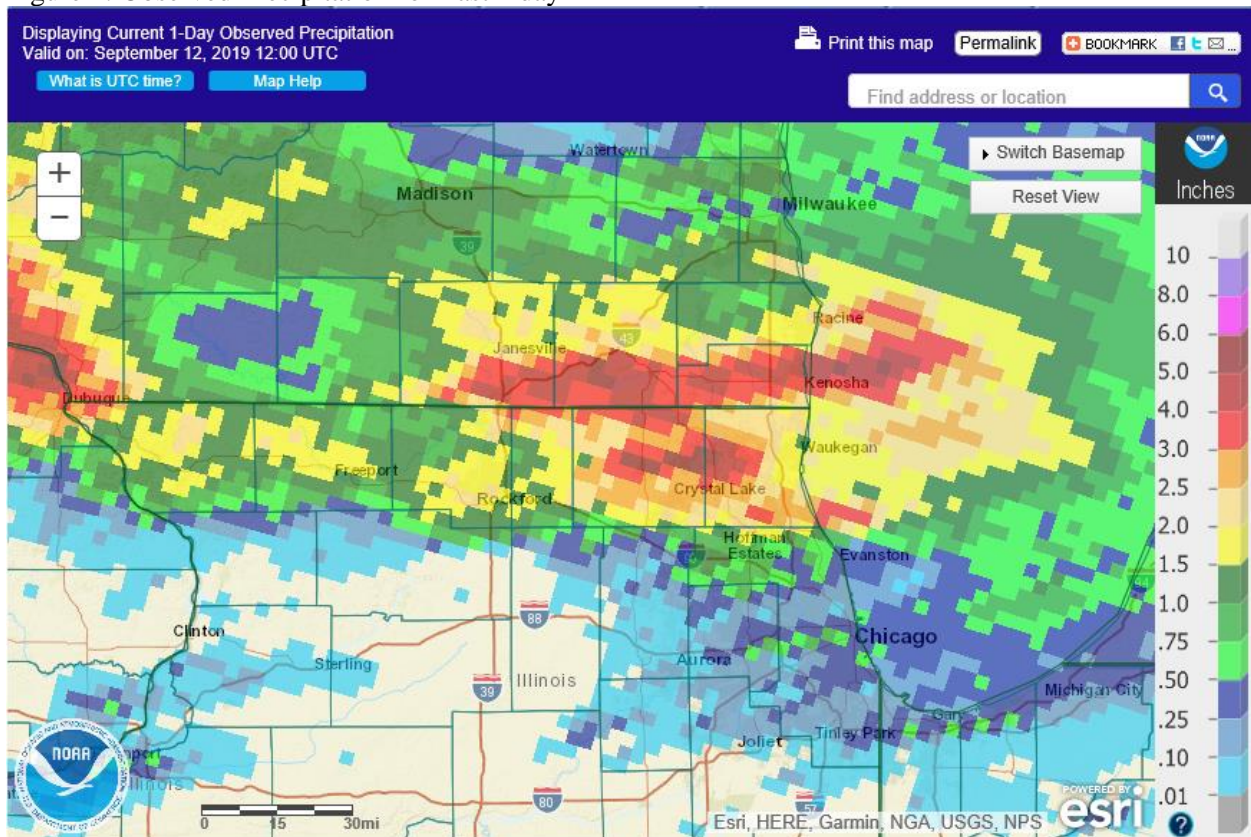
Colleen Callahan, Director

Fox River Status Update September 12, 2019

Current Conditions

Figure 1 shows that the Fox River watershed received 2” to 5” of precipitation during the last 24 hours. Kenosha, WI received 3.93” and McHenry, IL received 4.55” of precipitation. This is in addition to the 2” or more of precipitation occurred Tuesday morning. These high precipitation events have resulted in sudden rise in inflows. Measured inflows on the Fox River near New Munster, WI are 1120 cfs and rising; flows on Nippersink Creek near Spring Grove are 1130 cfs and rising. The Fox Lake stage is 4.8 ft and the Stratton Dam Tailwater stage is 3.7 ft. The Fox River at the Algonquin Dam Tailwater stage is 8.8 ft.

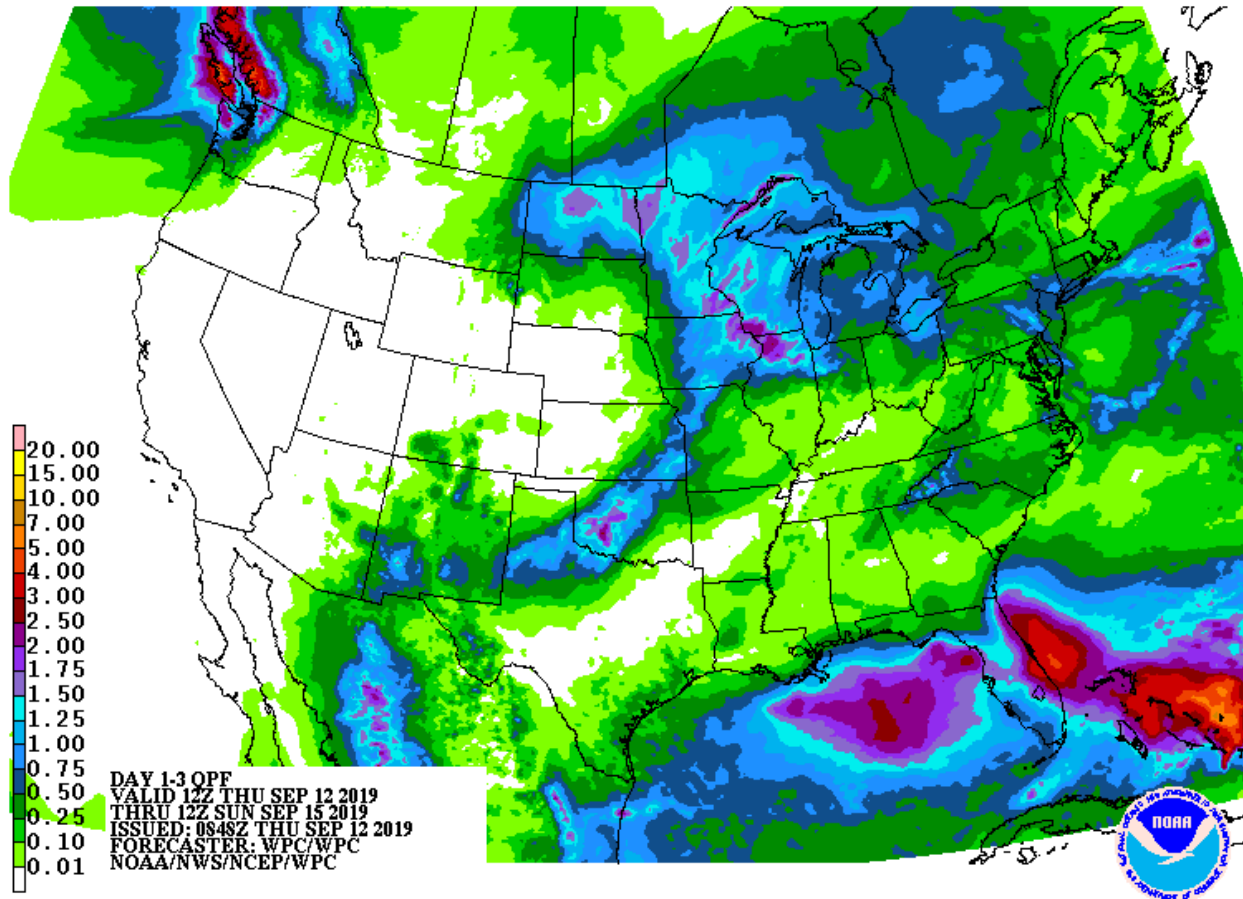
Figure 1: Observed Precipitation for Last 1 day



Forecast

The National Weather Service (NWS) is predicting 1” to 1½” of precipitation for the next 3 days in the Fox River watershed. The NWS is forecasting that the Fox River near New Munster, WI will crest at a stage of 11.3 ft on September 14th. The NWS is forecasting that the Fox River at Algonquin Tailwater will crest at a stage of 9.8 ft on September 14th with a flow of 4000 cfs.

Figure 2: Forecasted Precipitation for the Next 3 days



System Conditions and Operations

Three sluice gates at Stratton Dam are completely opened and the hinged crest gate at Stratton Dam is partially opened. The hinged crest gate at Algonquin Dam is completely opened to pass as much flow as possible. Estimates indicate that Fox Lake may crest near 5.2’ and Stratton Dam tailwater may crest near 4.7’ on September 16th.

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Office of Water Resources

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