



Illinois Department of Natural Resources

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JB Pritzker, Governor

Colleen Callahan, Director

Fox River Status Update May 18, 2020

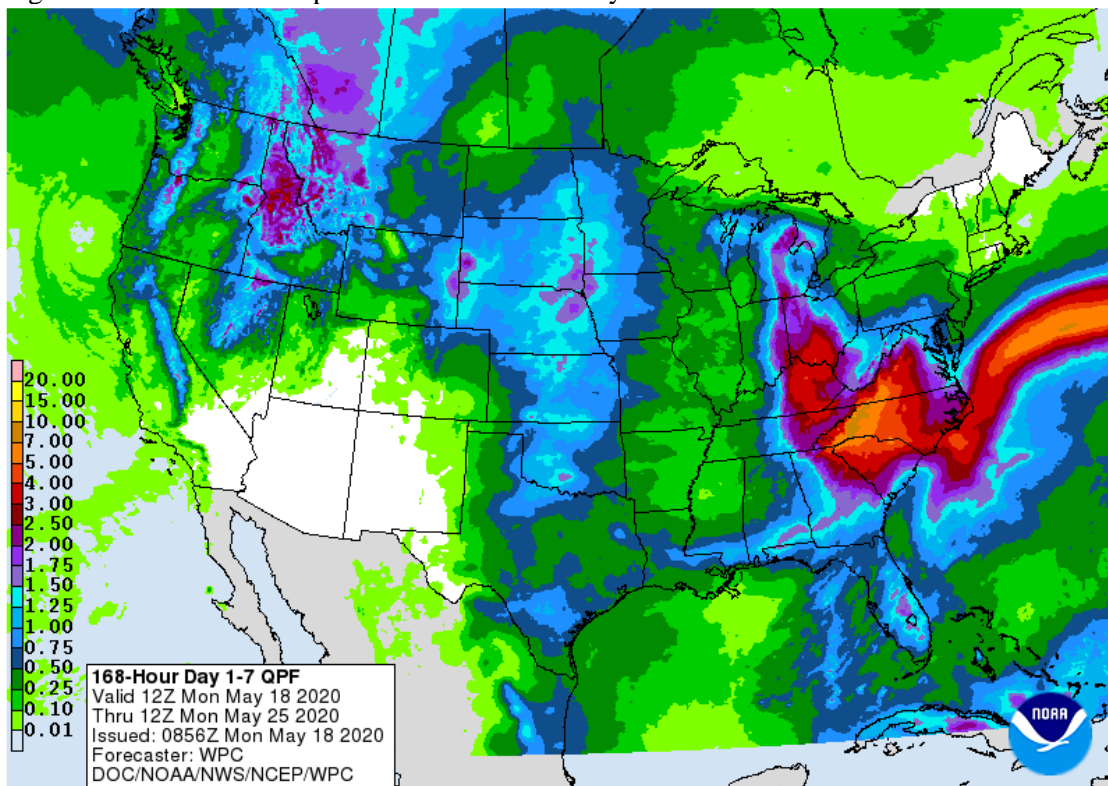
Current Conditions

Fox River watershed received precipitation in the amounts ranging from 2” to 3” within the last 48 hours. Heavier localized precipitation was also reported. This is addition to the precipitation that fell on Wednesday/Thursday of last week. As a result, the inflows and the stage levels are rising considerably. Measured inflows on the Fox River near New Munster, WI are 3320 cfs and rising; flows on Nippersink Creek near Spring Grove are 1600 cfs and rising. The Fox Lake stage is 4.98 ft and the Stratton Dam Tailwater stage is 5.22 ft. The Fox River at the Algonquin Dam Tailwater stage is 11.1 ft.

Forecast

The National Weather Service (NWS) is predicting ¼” to ½” of precipitation for the next 7 days in the Fox River watershed as shown on Figure 1. The NWS is forecasting that the Fox River near New Munster would crest at a stage of 13.8 ft on May 20. The NWS is forecasting that the Fox River at Algonquin Tailwater would crest at a stage of 11.6 ft on May 19 with a flow of 5930 cfs.

Figure 1: Forecasted Precipitation for the Next 7 days



System Conditions and Operations

All gates at Stratton Dam and Algonquin Dam are completely opened to pass as much flow as possible. Our estimates indicate that Fox Lake may crest near 6.0' stage level and Stratton Dam Tailwater may crest near 6.2' stage level on Friday. Please note that these estimates are based on the NWS river forecast from last night and subject to change as today's forecast is still pending.

Munib Ahmad, P.E.

Office of Water Resources

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