



Illinois Department of Natural Resources

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JB Pritzker, Governor

Colleen Callahan, Director

Fox River Status Update August 25, 2021

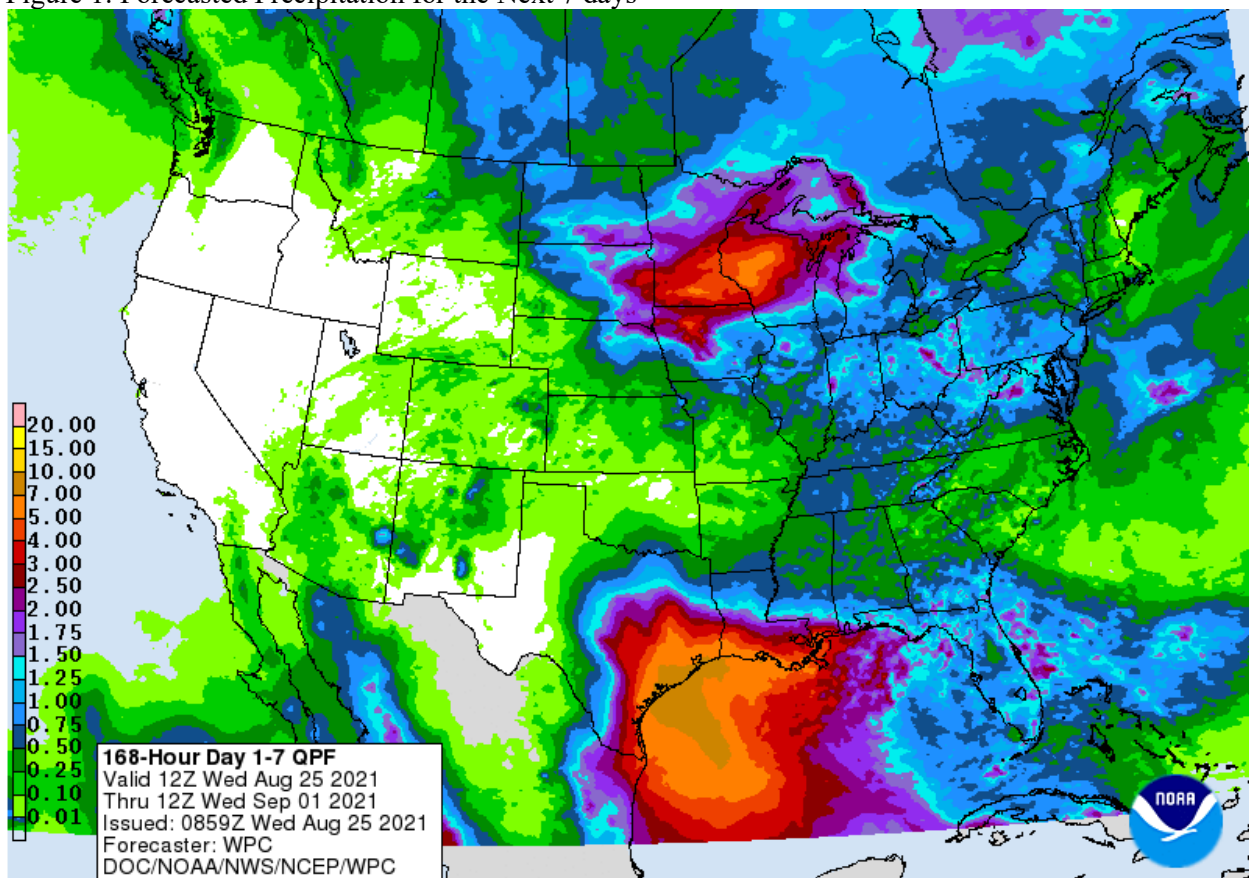
Current Conditions

Measured inflows on the Fox River near New Munster, WI are 184 cfs and Nippersink Creek near Spring Grove are 86 cfs. Local tributary inflows are 39 cfs. The Fox Lake stage is 4.26 ft; the Stratton Dam Tailwater stage is 0.91 ft. The Fox River at the Algonquin Dam Tailwater stage is 4.80 ft. Stages on the Lakes are slightly elevated due to high local rainfall that occurred yesterday evening.

Forecast

The National Weather Service (NWS) 7-day forecast is predicting 0.5 to 1.25 inches of precipitation for the Fox River watershed as shown on Figure 1. Inflows are expected to crest late tomorrow with some more rain comes through and then be back to low inflow conditions this weekend similar to what has been occurring.

Figure 1: Forecasted Precipitation for the Next 7 days



Summer Pool/Boating Outlook

The boating outlook in the Chain of Lakes and Upper River are looking good for the remainder of the week as the lakes levels at the Lake Villa gage are anticipated to drop from 4.26 to below 4.20 feet in the next couple of days which includes the upcoming forecasted rainfall. Algonquin gates are fully closed to keep water levels on the Lower River as high as possible. The lower river will continue to see low flow conditions as flows to the system remain low despite the recent rainfall. The area remains in drought conditions and significant rainfall is not forecasted the upper portions of the watershed to sustain a higher flow to the lower river. Caution should be used when navigating low water level areas. The IDNR/OWR continues to closely monitor the system levels and precipitation forecasts by the NWS.

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Office of Water Resources

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