



# Illinois Department of Natural Resources

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JB Pritzker, Governor

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## Fox River Status Update June 16, 2021

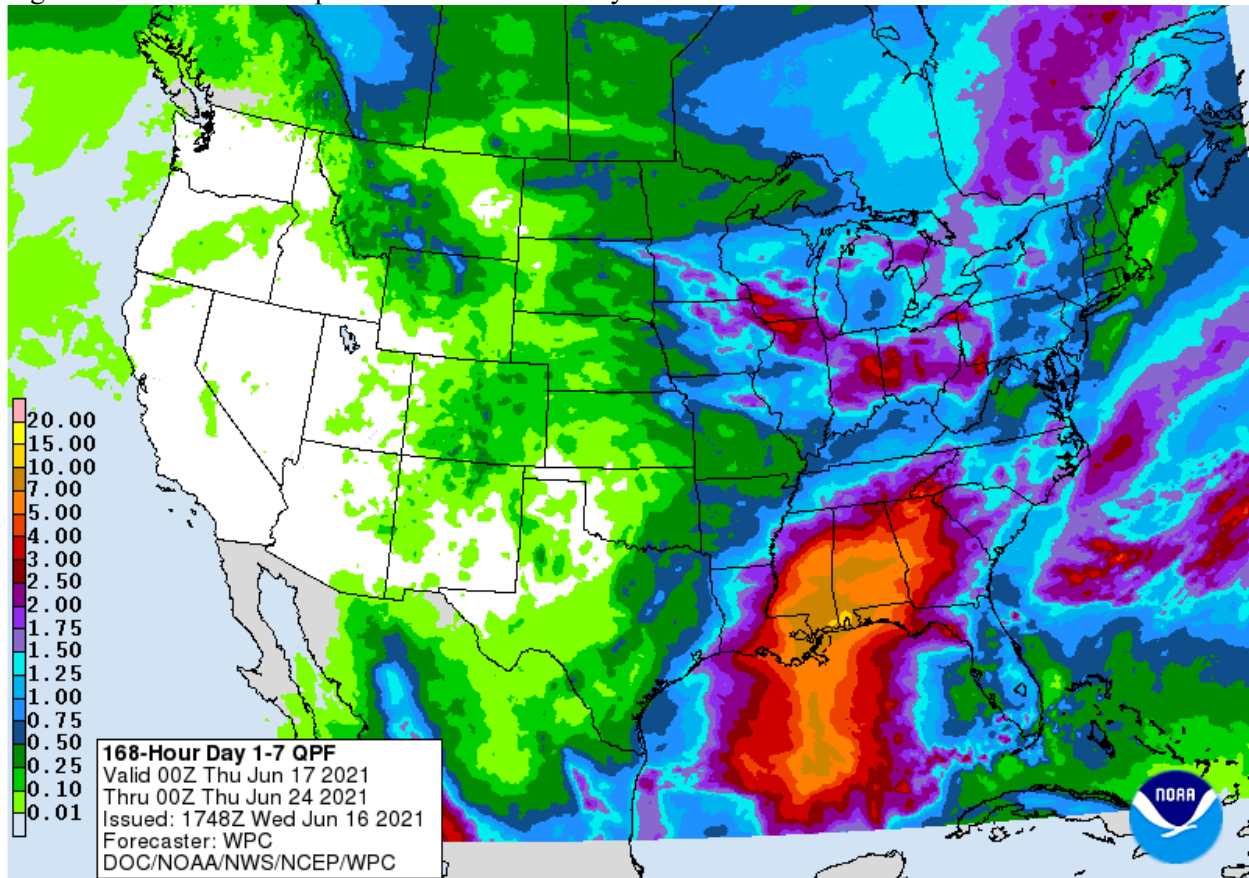
### Current Conditions

Measured inflows on the Fox River near New Munster, WI are 259 cfs; flows on Nippersink Creek near Spring Grove are 50 cfs. The total inflows into the lakes are about 348 cfs. The Fox Lake stage is 4.01 ft; the Stratton Dam Tailwater stage is 0.49 ft. The Fox River at the Algonquin Dam Tailwater stage is 4.21 ft.

### NWS Precipitation Forecasts

The National Weather Service (NWS) 7-day forecast is predicting 1" to 1.5" of precipitation for the Fox River watershed as shown on Figure 1. The 8-14 day forecast is expecting slightly above average rainfall probability. The 3-4 week forecast is showing average rainfall probability.

Figure 1: Forecasted Precipitation for the Next 7 days



**Summer Pool/Boating Outlook**

The current stage at the Fox Lake near Lake Villa is 4.01 ft and is expected to hold relatively steady with low inflows. The rain forecasted for this week will bring little impact to the system. Most precipitation will absorb into the extensively dry ground.

The releases from the dam are kept at a minimum to preserve the pool. The rainfall will provide temporary relief for this weekend, but water levels may drop below 4.0 in July as low inflow and high evaporation are expected to continue beyond the next 7 days. The Fox River is in a severe drought and impacts are expected to continue through the summer. Caution should be used for motorized boats throughout the system as ground impacts can cause boats to stop suddenly.

Wes Cattoor, P.E., CFM

Office of Water Resources

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