



Illinois Department of Natural Resources

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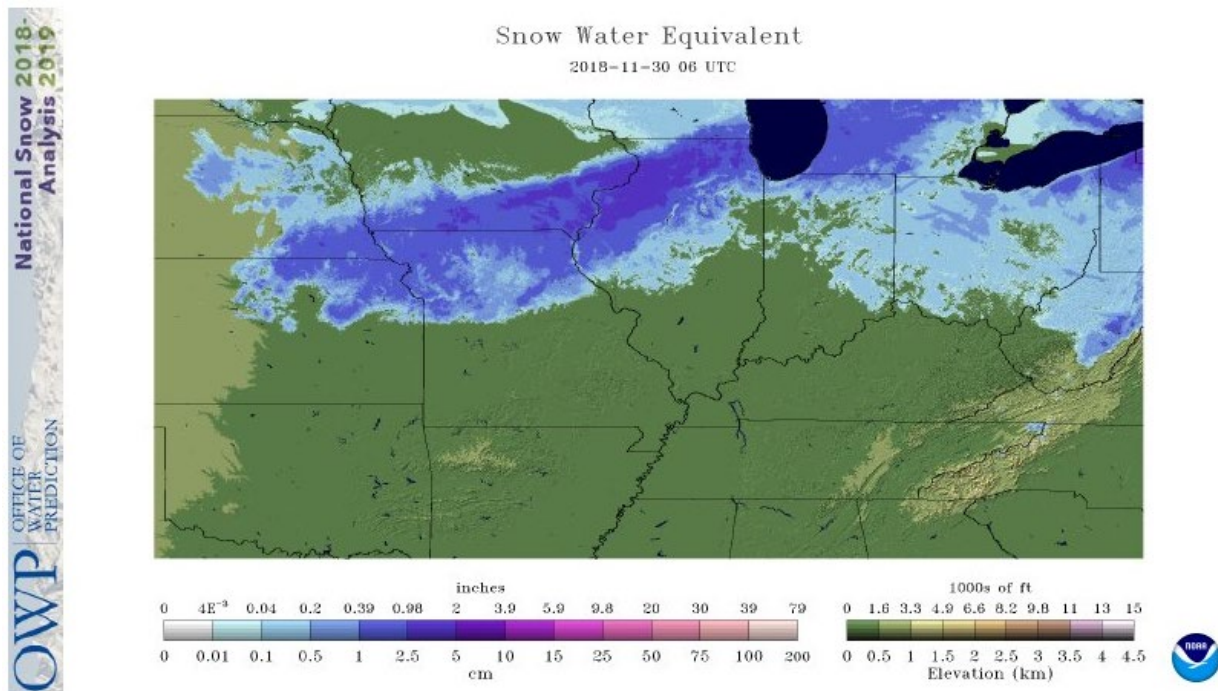
Fox River Status Update November 30, 2018

Current Conditions

Measured inflows on the Fox River near New Munster, WI and Nippersink Creek near Spring Grove are 950 cfs. Flows on the Fox River at Algonquin Dam are 1730 cfs. The Fox Lake stage is 3.0 ft and the Stratton Dam Tailwater stage is 2.1 ft. The Fox River at the Algonquin Dam Tailwater stage is 7.0 ft.

Most of the Fox River watershed has snow with about 1” of water as shown in Figure 1.

Figure 1: Snow Water Equivalent

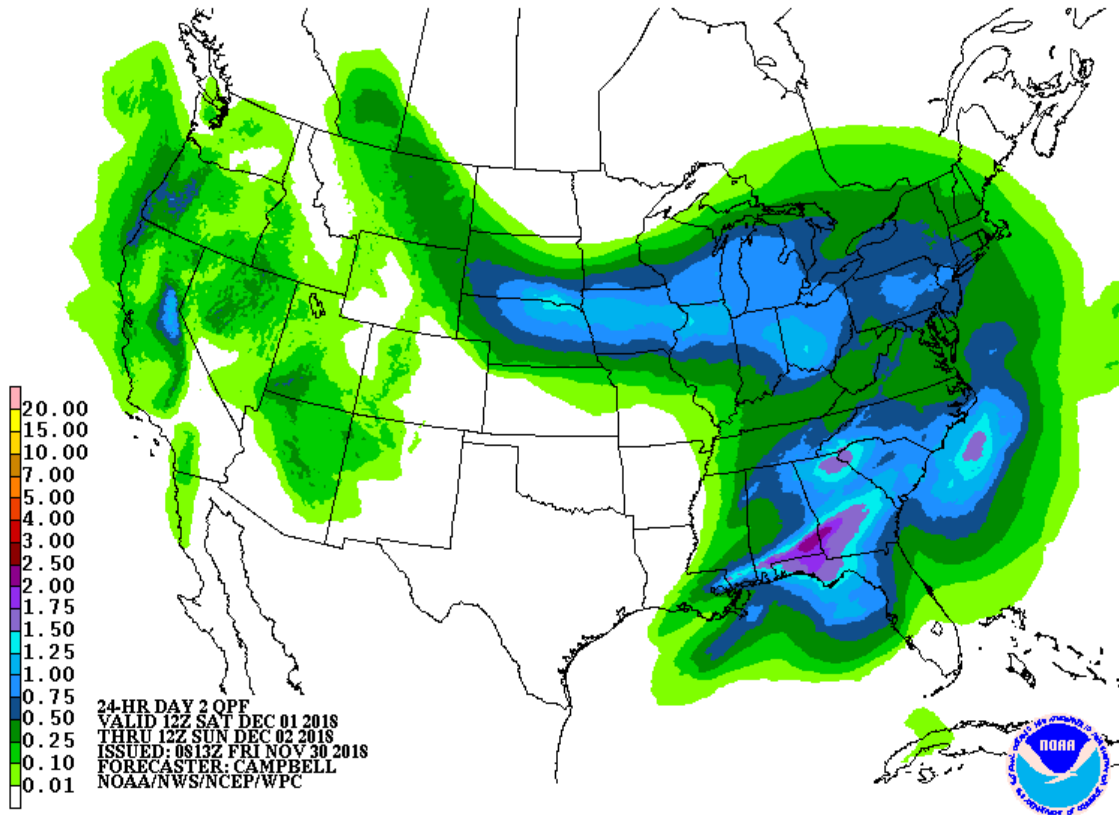


Forecast

As shown on Figure 2, the National Weather Service (NWS) is predicting 1” of rain over Fox River watershed. No rainfall is in forecast for today; mostly snow is predicted next week. The rain and snow melt will cause inflows to increase. Our initial estimates show that the inflows will peak on December 4 at 2600 cfs.

Figure 2: Forecasted Rainfall for the Saturday December 1, 2018

Day 2: 24-Hour Total



System Conditions and Operations

The sluice gates and the hinged crest gate are opened at Stratton Dam. The hinged crest gate at Algonquin Dam is partially opened. Inflows to the Chain of Lakes and outflows from Stratton Dam may increase rapidly if the rain melts the snow.

With low air temperatures forecasted for next week, our goal is to move as much flow as possible today thru Tuesday.

Rita Lee, P.E., CFM

Office of Water Resources

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