



From the desk of Donny Schmit

Friday, October 05, 2018

Hi all,

Due to the weather conditions, the Village of Fox Lake / Grant Township Fall Festival and pancake breakfast has been cancelled.

The Village of Fox Lake and the Chain of Lakes are in the beginning stages of a minor flood. The Illinois Department of Natural Resources (IDNR) is unable to fully forecast the extent of the flooding because of the unpredictability of this latest weather system. The National Weather Service (NWS) is predicting 1 ½" to 2" of rainfall for the next 24 hours in the Fox River watershed. Rainfall is expected to continue for 7 days. The total forecasted rainfall for next 7 days is between a minimum of 2" of rain, and a maximum of 4" or 5" of rain.

Historically, the Chain of Lakes crests two to three days after the water levels crest in New Munster. New Munster should crest October 8, so we can expect our highest water levels sometime Wednesday or Thursday.

Here are the flood stages out of the IDNR operations guide:

Bank Full: 4.5'

Minor Flood: 5.5'

Mobilization: 6.5'

Major Flood: 7.5'

Currently, the Fox Lake gage is at 4.9'. With the predicted rainfalls over the next few days, IDNR is expecting the Chain of Lakes to crest on Thursday, October 11 at 6.1. So you can see that between today and Thursday, the lakes are going to rise slightly over one foot. The peak stage during the flood in April of 2013 was 7.95' and 8.2' in July of 2017.

If you are in need of assistance, call the non-emergency number at (847) 587-3100. If it is an emergency, please call 911.

The Village of Fox Lake Police Department, Public Works, 911 Center, Administration staff, and the Fox Lake Fire Protection District are preparing for the expected flooding. A sandbag station has been setup at the Public Works Facility on Washington Street and will be available for those who need it.

Fox Waterway is recommending that because of the currents and floating debris that you not swim in the lakes.



IDNR is sending out updates on the changing conditions. Below is their report from today. I have received permission to share these updates. They will be posted on the Village website www.foxlake.org and our Facebook page as soon as we receive them. For additional information you can also check the Fox Waterway Agency site at www.foxwaterway.com, view the Fox Waterway Way Agency App at www.foxwaterway.com/index.php/fox-waterway-agency-app/, and can complete a Fox Waterway Agency customer concern form at www.foxwaterway.com/index.php/customer-concern/

A handwritten signature in black ink, appearing to read "Donny Schmit".

Donny Schmit
Mayor, Village of Fox Lake



Illinois Department of Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271
www.dnr.illinois.gov

Bruce Rauner, Governor
Wayne A. Rosenthal, Director

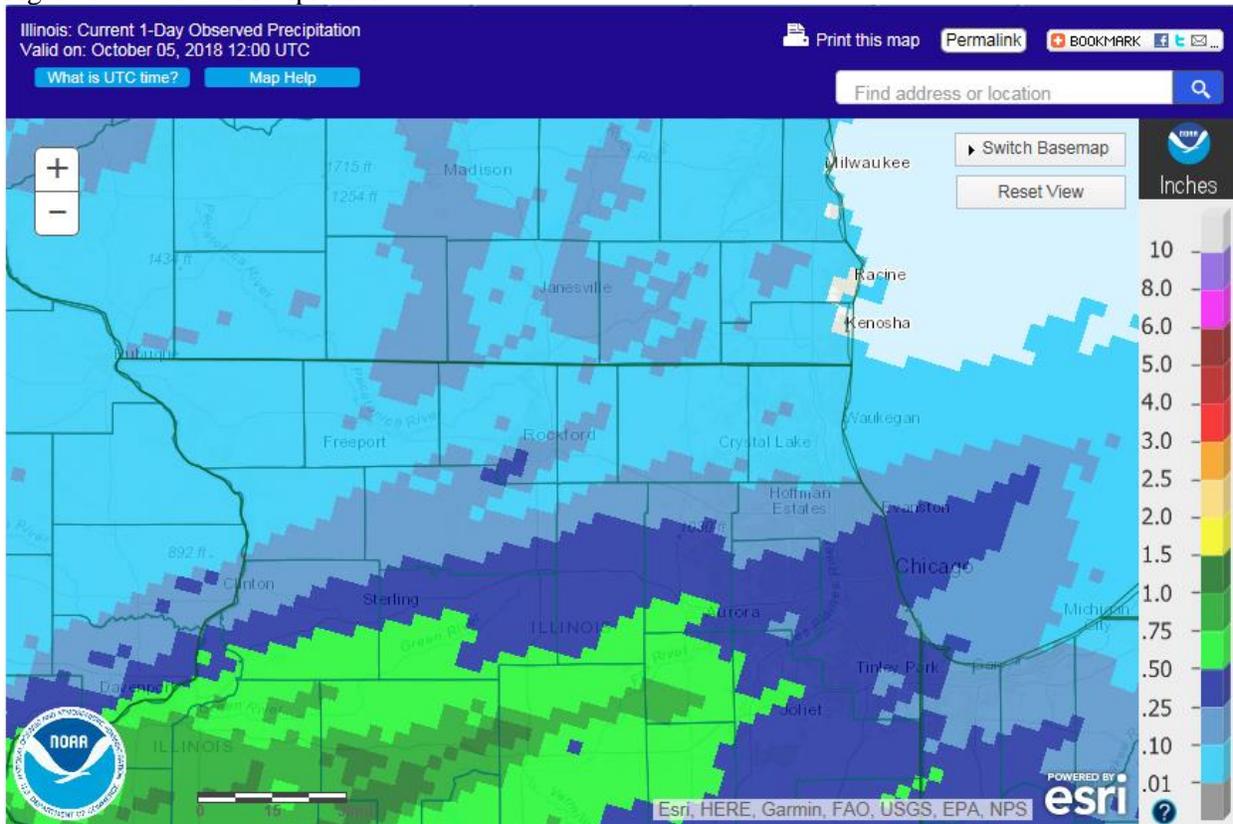
Fox River Status Update October 5, 2018

Current Conditions

Measured inflows on the Fox River near New Munster, WI are 2700 cfs and slightly falling, and on Nippersink Creek near Spring Grove flows are 344 cfs and falling. Flows on the Fox River at Algonquin Dam are 3110 cfs. The Fox Lake stage is 4.9 ft and the Stratton Dam Tailwater stage is 3.8 ft. The Fox River at the Algonquin Dam Tailwater stage is 8.8ft.

Most of the Fox River watershed received very little rainfall during the past 24 hours as shown on Figure 1.

Figure 1: Observed Precipitation



Forecast

As shown in Figure 2, the National Weather Service (NWS) is predicting 1 ½ ” to 2” of rainfall for the next 24 hours in the Fox River watershed. Rainfall is expected to continue for 7 days; figure 3 shows the total forecasted rainfall for next 7 days.

The NWS is predicting the Fox River near New Munster will crest of a stage of 13.9 feet on October 8, with an estimated peak flow of 3900 cfs. The NWS is forecasting the Fox River at Algonquin Tailwater will crest at a stage of 10.4’ and flow of 4600 cfs on October 7. These forecasts included forecasted rainfall for the next 48 hours.

Figure 2: Forecasted Rainfall for the Next 24 Hours

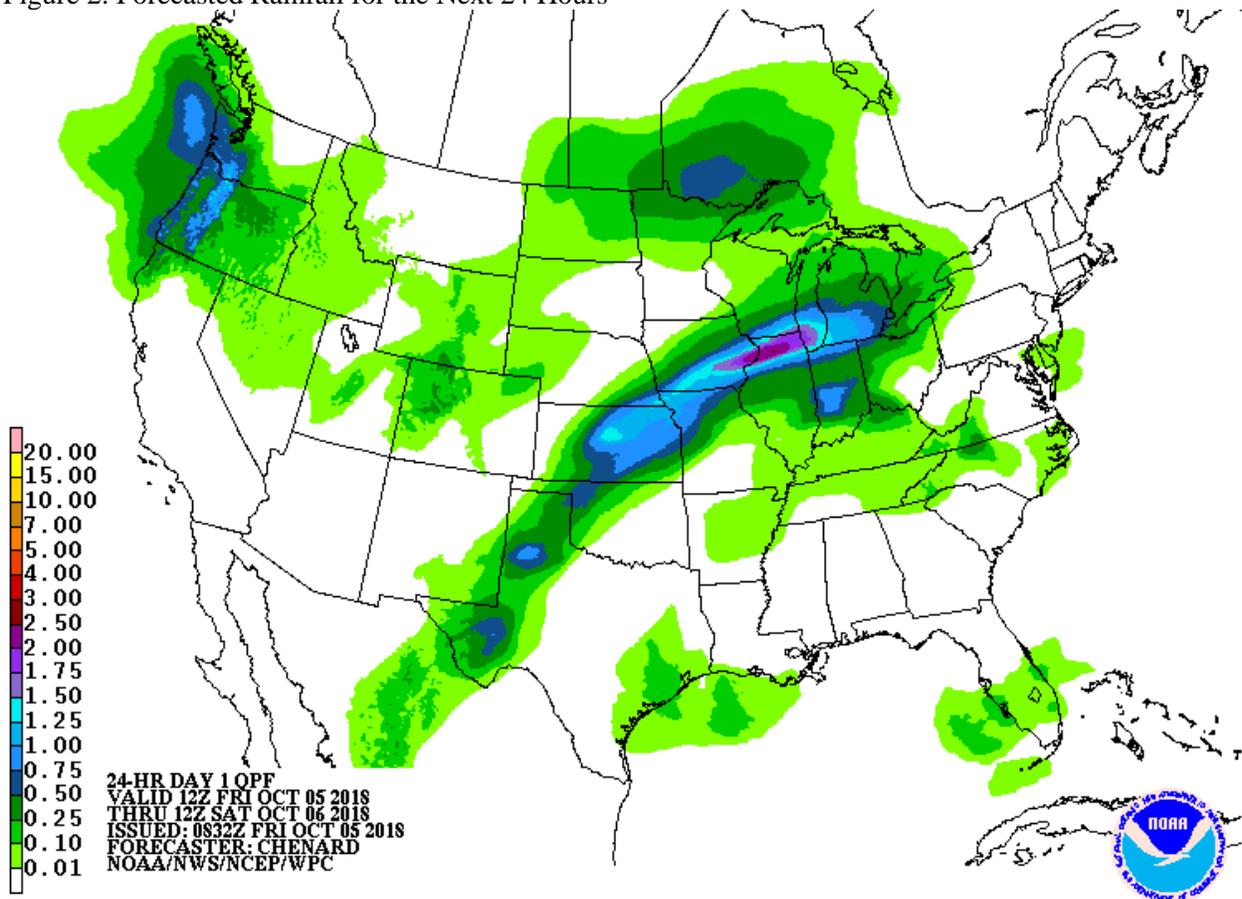
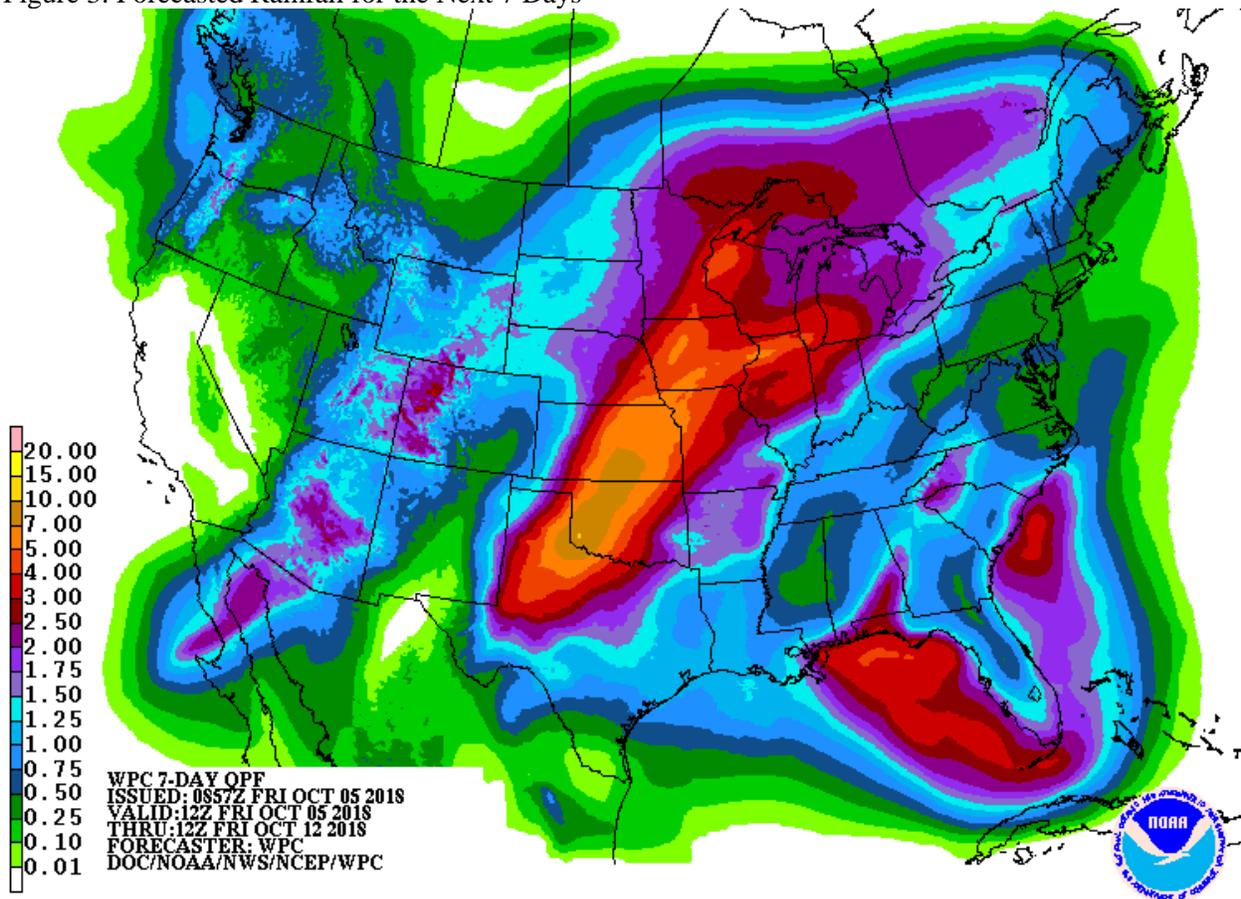


Figure 3: Forecasted Rainfall for the Next 7 Days



System Conditions and Operations

The sluice gates and the hinged crest gate at Stratton Dam are opened to release 3,000 cfs. Hinged crest gate at Algonquin Dam is fully opened.

If the forecasted rainfall occurs, gates will be fully opened at Stratton Dam. Based on the precipitation forecast for the next 24 hours, the Stratton Dam tailwater may crest at 5.5' and the Chain of Lakes may crest at 6.0' at Fox Lake on October 11.

Rita Lee, P.E., CFM

Office of Water Resources

Illinois Department of Natural Resources

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