



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
June 13, 2017

Current Conditions

Figure 1 shows the precipitation that fell yesterday and last night. Figure 2 shows that over the next week there is less than 0.5 inch forecast for the Fox watershed.

Figure 1: Rainfall for June 12, 2017 with approximate watershed area.

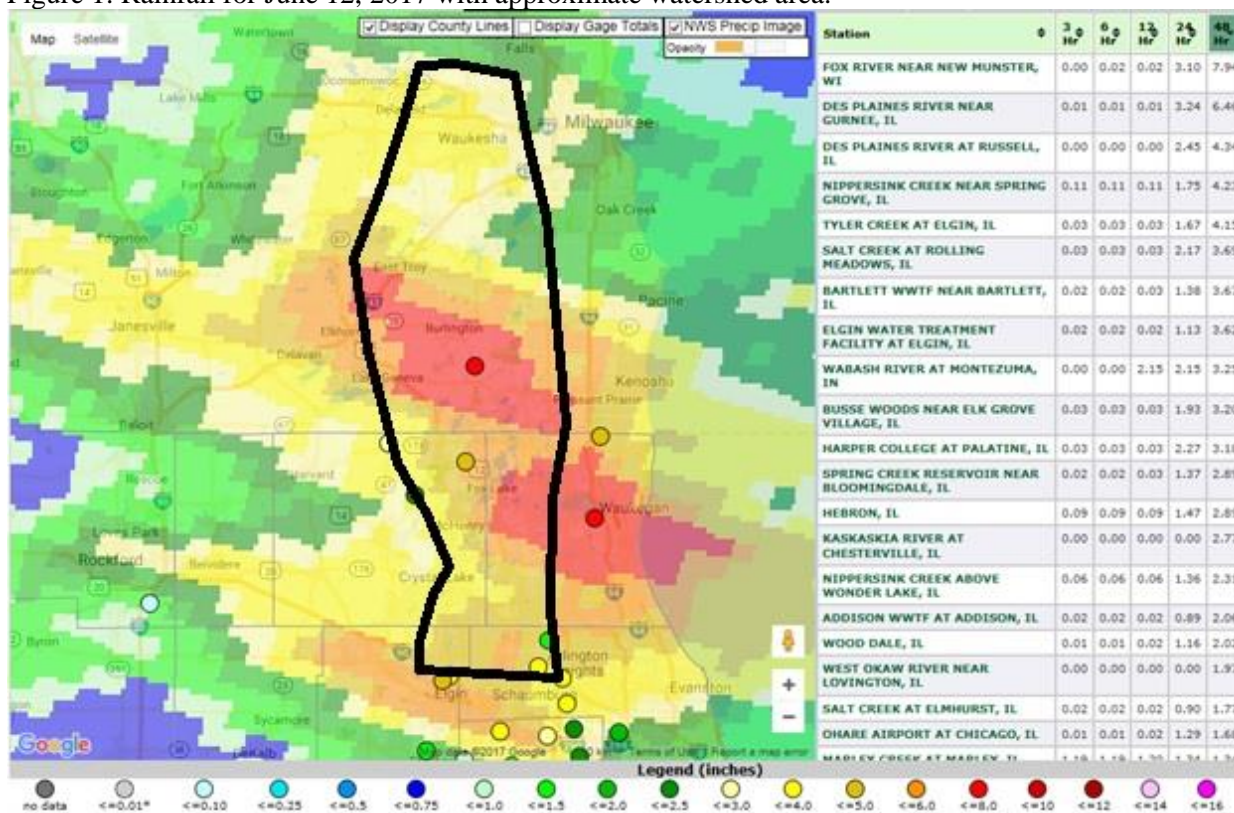
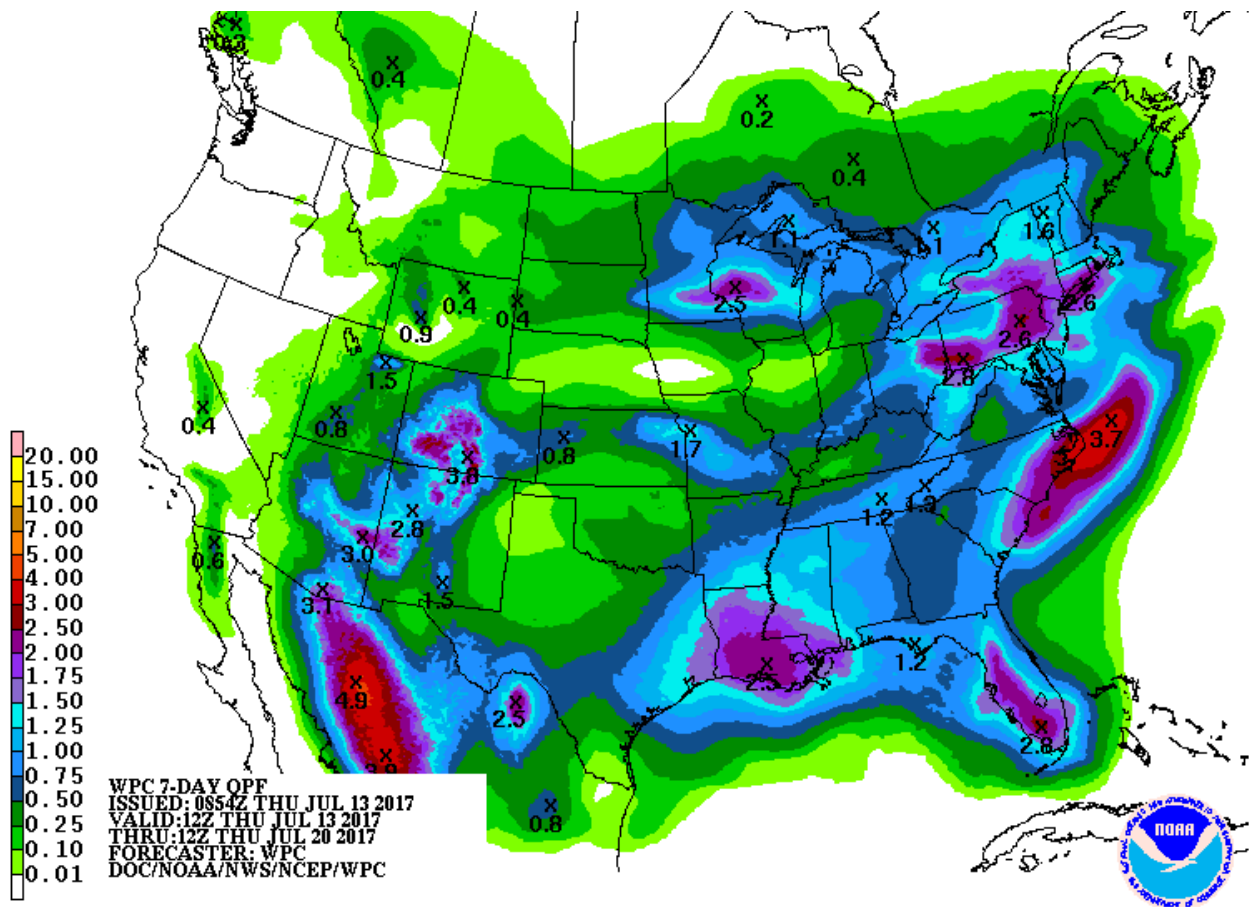


Figure 2: Forecast rainfall for the next week



System Conditions and Operations

The Fox River in New Munster, Wi is cresting today and is currently moving 9700 cfs toward the Chain which is anticipated to arrive in the Chain tomorrow. The current forecast is for 13,400 cfs total inflow into the system on Friday. This flow is higher than we have seen on the Chain, so our lake and river stage estimates are interpolated from our known information, but there is some uncertainty because we have nothing to compare them with. The gates at Stratton and Algonquin are open to the maximum opening to start to draw down the water before the peak gets here tomorrow.

The Fox River near New Munster, WI appears to be cresting at a stage of 17.4 feet. This water level is over 2’ of the previous flood of record. The current best estimate forecast shows the following peak river/lake stages sometime in the Sunday to Monday timeframe. Flooding of this magnitude has not been seen before.

Fox Lake gage may crest over 8.2 ft The current stage is 6.01 ft.
 Stratton HW gage will crest over 6.0ft The current stage is 4.21 ft.
 Stratton TW gage may crest over 8.5 ft. The current stage is 5.15 ft.

I will be out of the office for the rest of today and all day tomorrow. Please contact rita.lee@illinois.gov with any questions or concerns.

Brad Winters, P.E., CFM
Office of Water Resources
Illinois Department of Natural Resources
<https://www.dnr.illinois.gov/WaterResources/Pages/StrattonLockandDam.aspx>