



Fox River Status Update June 5th, 2025

**This Update is based on the current forecast and will be adjusted based on future forecasts and rainfall.*

Summary

There is approximately 0.30" of precipitation forecasted for the next 7 Days (Figure 4). Inflows are forecasted to peak at just under 1400 cfs on Saturday (Figure 1). Fox Lake and areas upstream of the dam are forecasted to drop to just above 4.00' as gates are lowered to accommodate the additional inflows (Figure 2). The Lower River should expect to see additional depth this weekend from the increased outflows (Figure 3). With halfway decent temperatures and light winds forecasted, it should be a good weekend for the system.

Current Conditions and NWS Forecasts

Figure 1: National Weather Service Forecasted Inflows

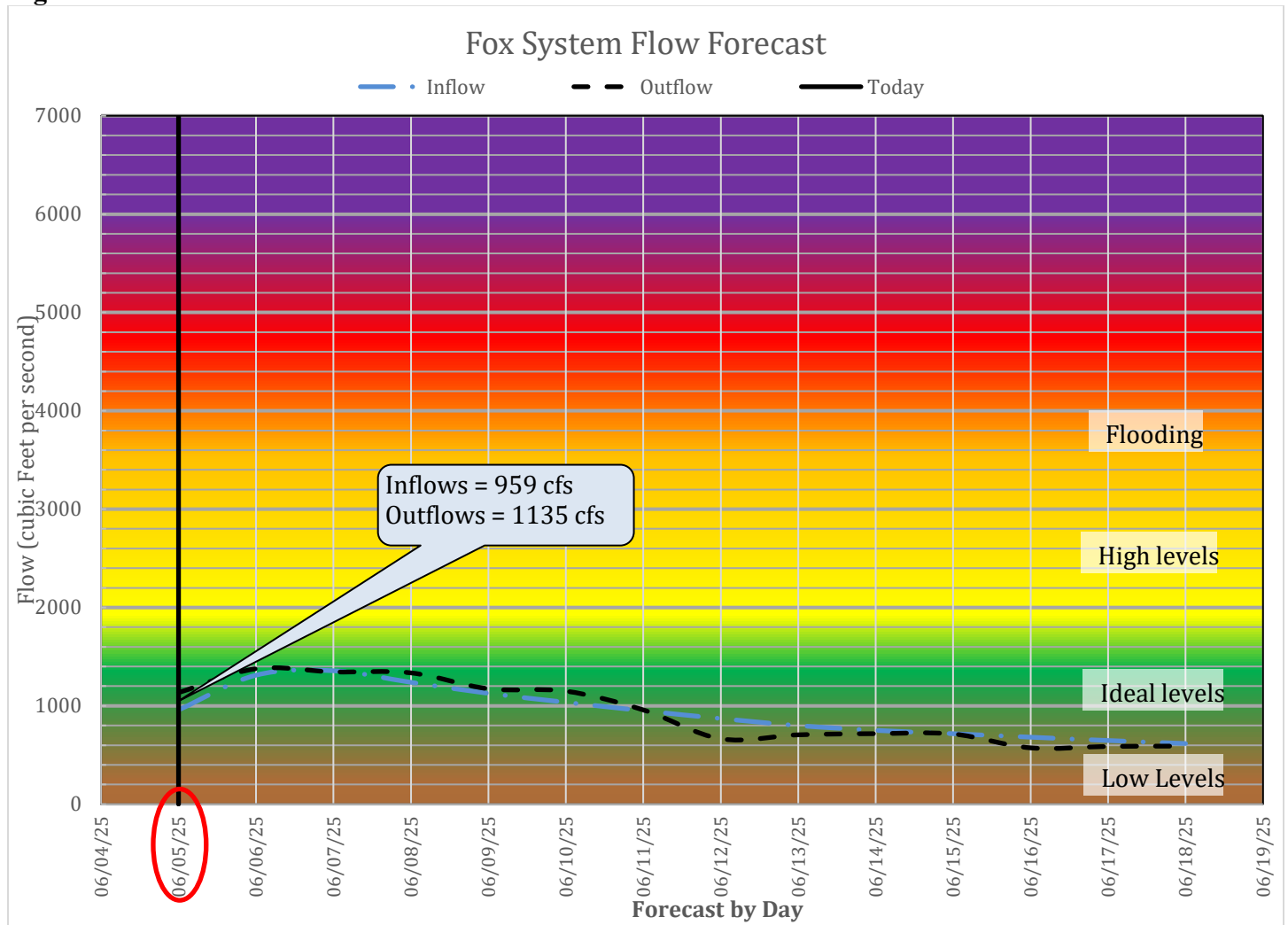


Figure 2: Estimated Upstream Gage Heights

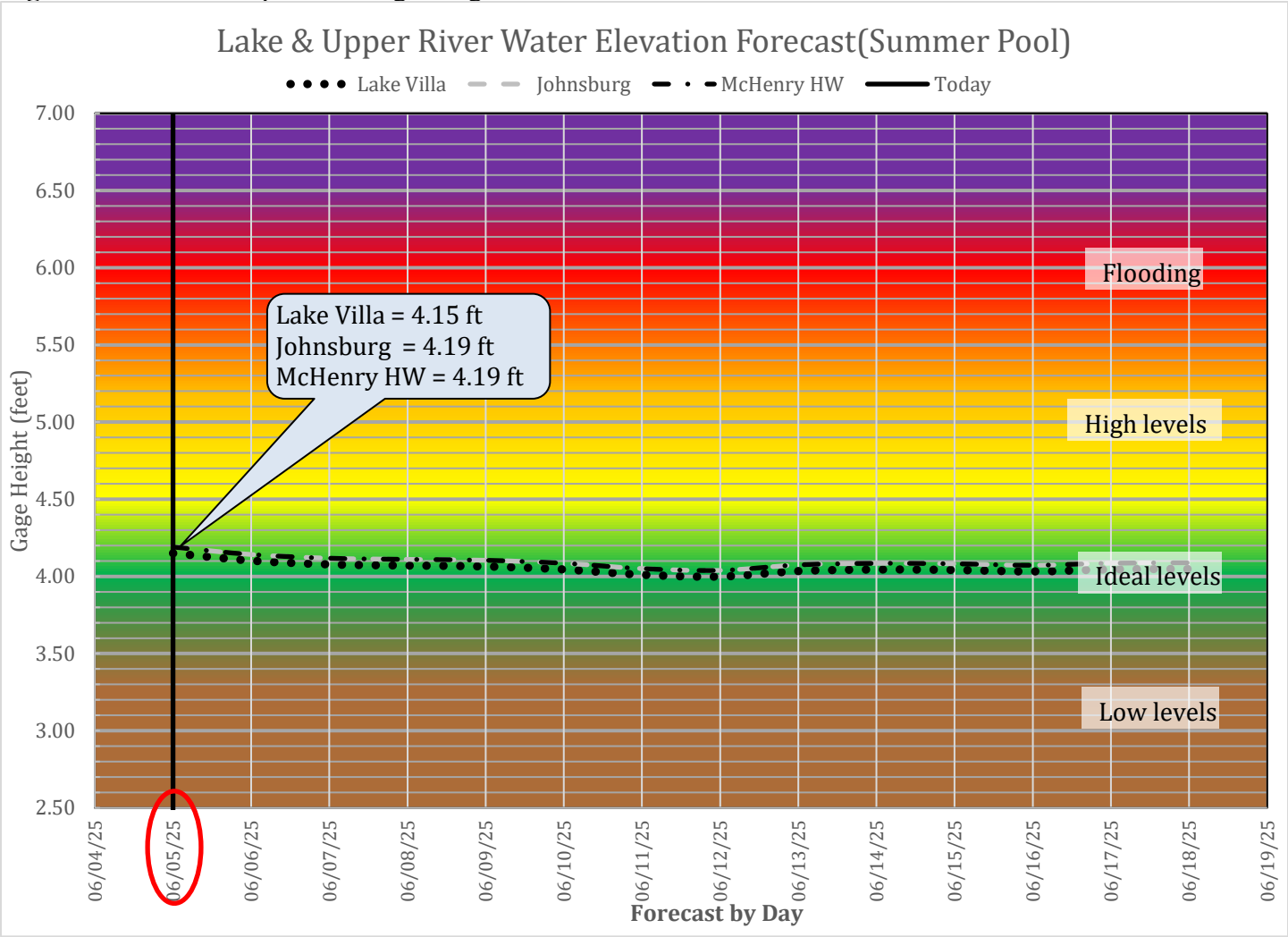
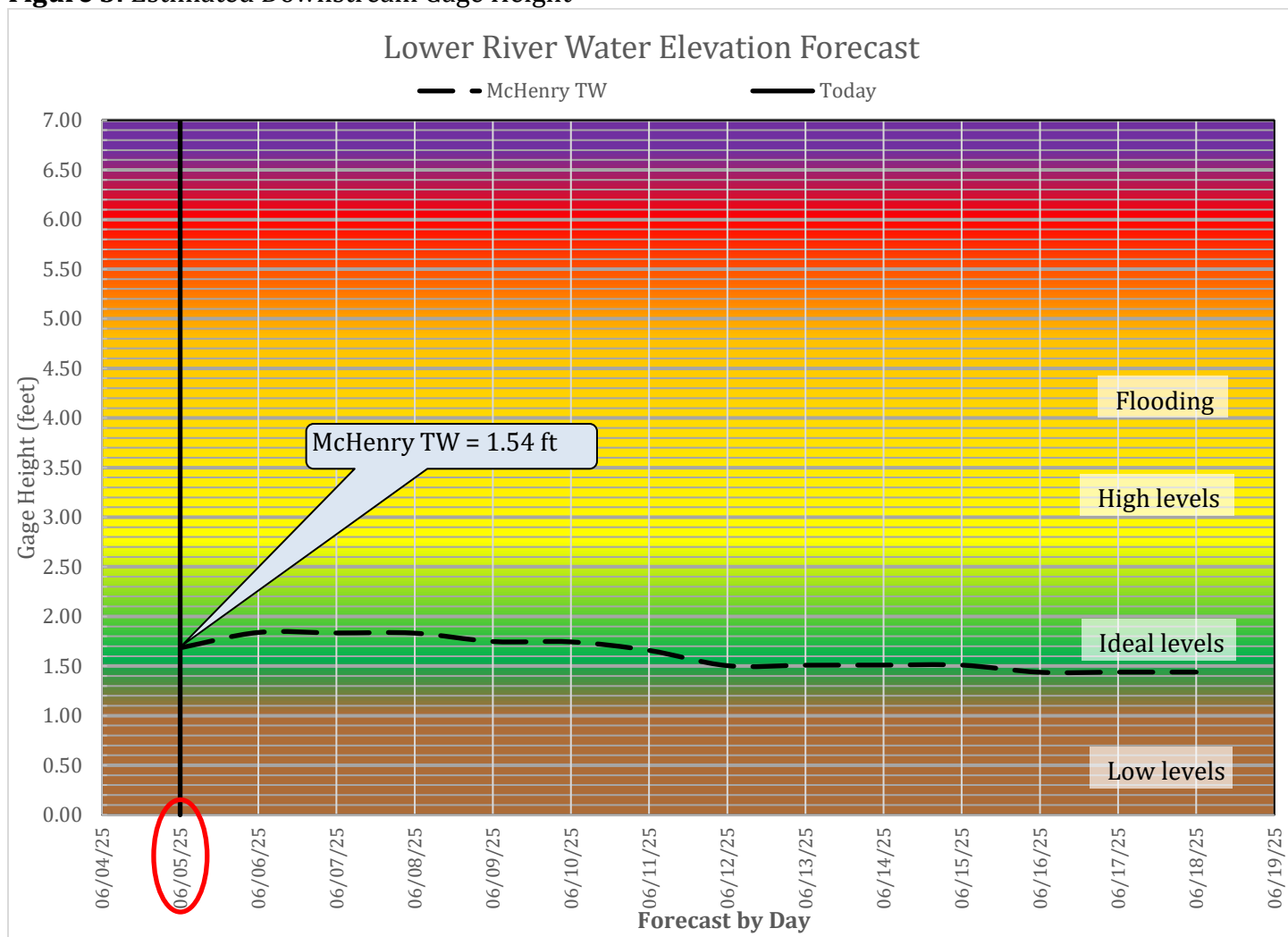


Figure 3: Estimated Downstream Gage Height



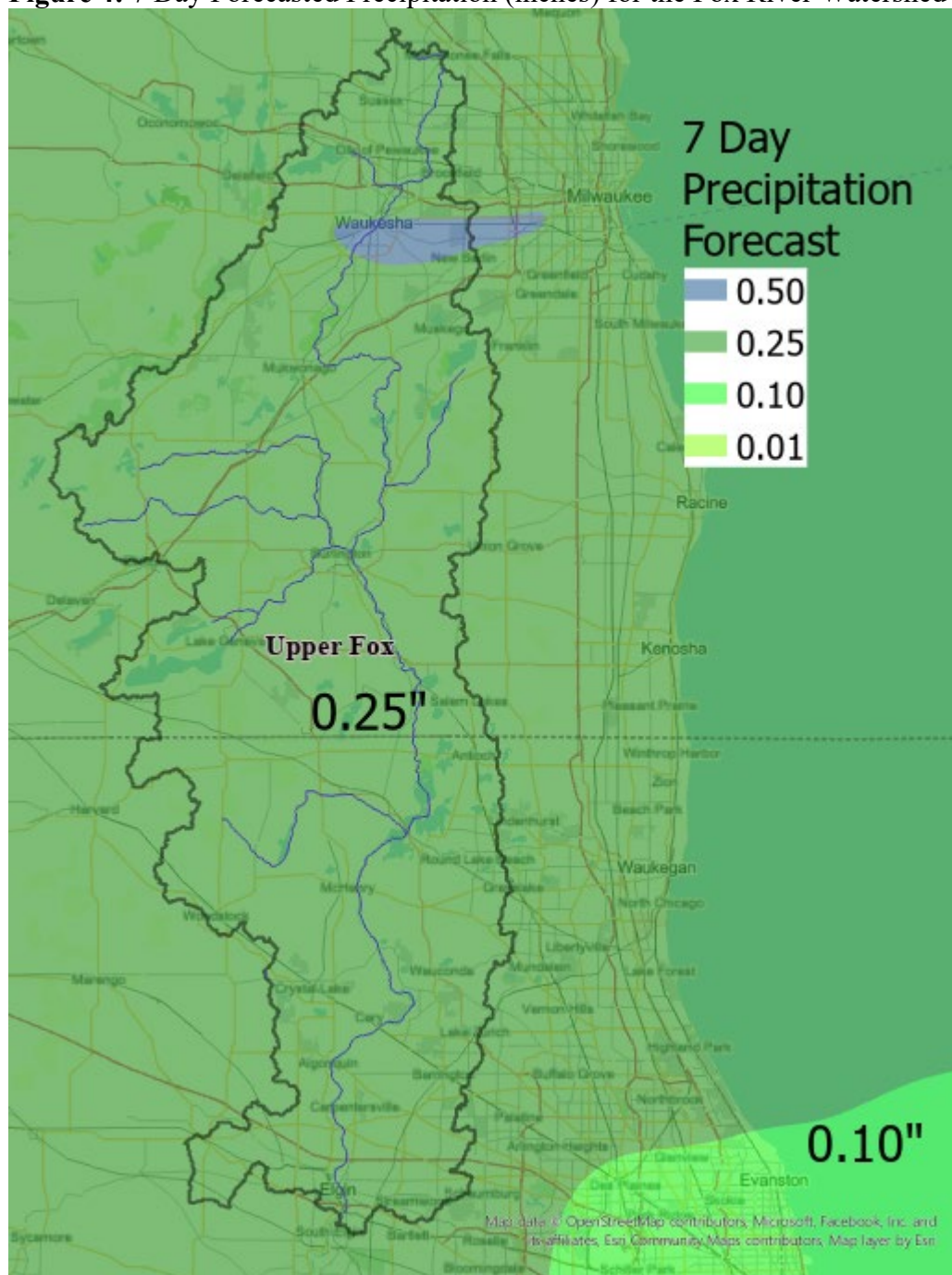
Current Conditions

Measured flow on the Fox River near New Munster, WI is 1030 cfs and Nippersink Creek near Spring Grove is at 151 cfs. The total system inflow is 959 cfs. The Fox Lake stage is 4.15 ft; the Stratton Dam Tailwater stage is 1.54 ft. The Fox River at the Algonquin Dam headwater stage is 1.69 ft.

Forecast

Inflows are forecasted to jump a little over the weekend but will remain manageable, as shown in **Figure 1**. Fox Lake and areas upstream of the dam should remain around 4.10', as shown above in **Figure 2**. The Lower River should climb some over the next few days, **Figure 3**. The 7-Day Precipitation forecast is showing about 0.30" of rain for the next week, **Figure 4**. All in all, everything is looking pretty good.

Figure 4: 7 Day Forecasted Precipitation (inches) for the Fox River Watershed



System Outlook

Chain O' Lakes Outlook

Water levels should hold near 4.10' on the lakes for the upcoming week.

McHenry Pool Area Outlook

The Pool and Upper River should expect to see conditions similar to the lakes.

Lower River Outlook

The lower river will see depths improve for the next few days.

IDNR-OWR will continue to monitor conditions and make changes as necessary pending future forecasts and conditions.

Thank you,

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