



Fox River Status Update
October 24th, 2024

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

Summary

There is currently 1.25” precipitation forecasted for the next 7 Days (Figure 4). Based on the current forecast, inflows will remain near current levels until the bulk of the rain arrives (Figure 1). Fox Lake and areas upstream of the dam are forecasted to hold near 4.00’ (Figure 2). The Lower River should expect levels to remain near the same (Figure 3). **Winter Drawdown begins next Friday, November 1st. This will be the final update of the season pending any significant flow events.**

Current Conditions and NWS Forecasts

Figure 1: National Weather Service Forecasted Inflows

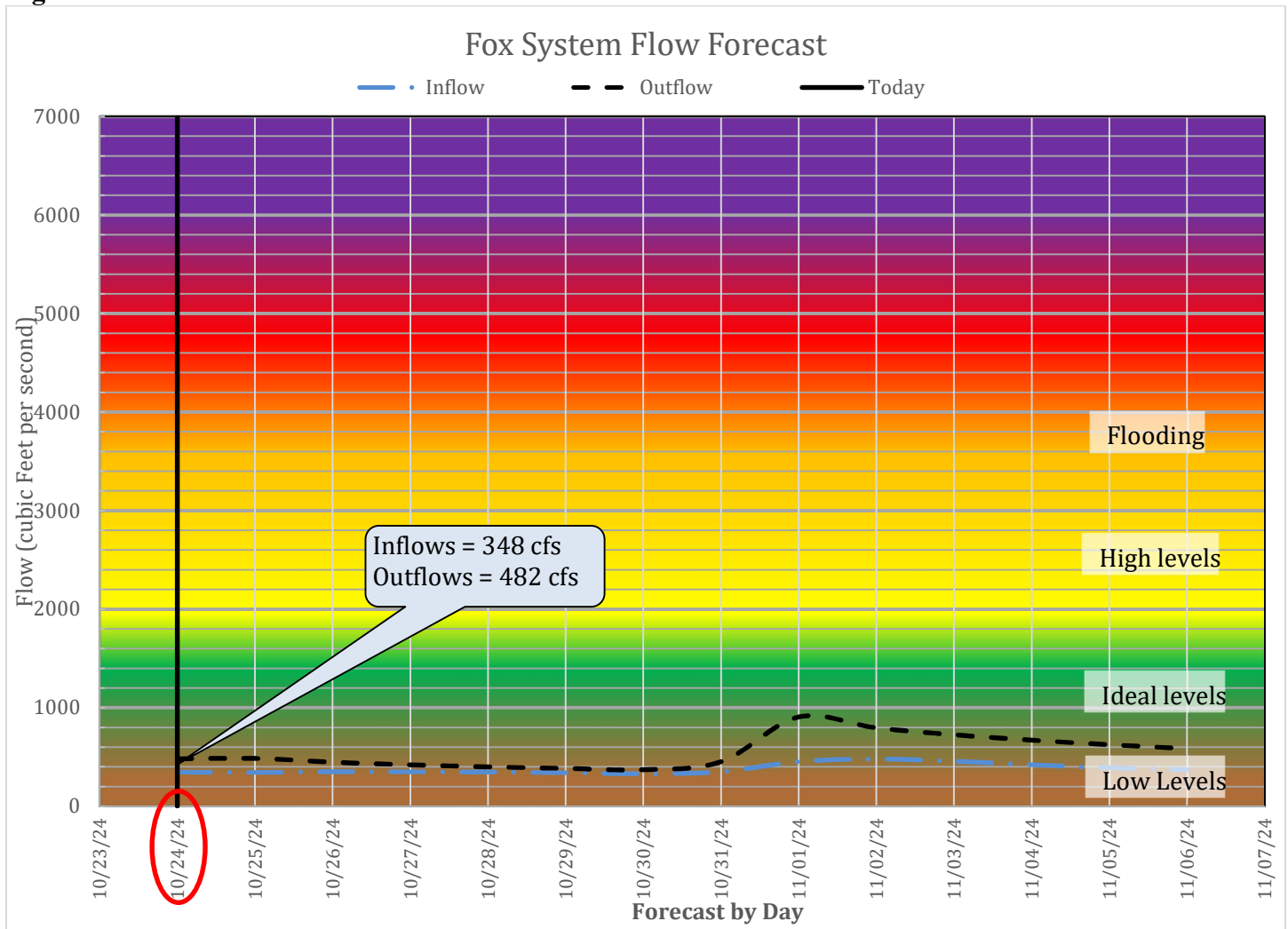


Figure 2: Estimated Upstream Gage Heights

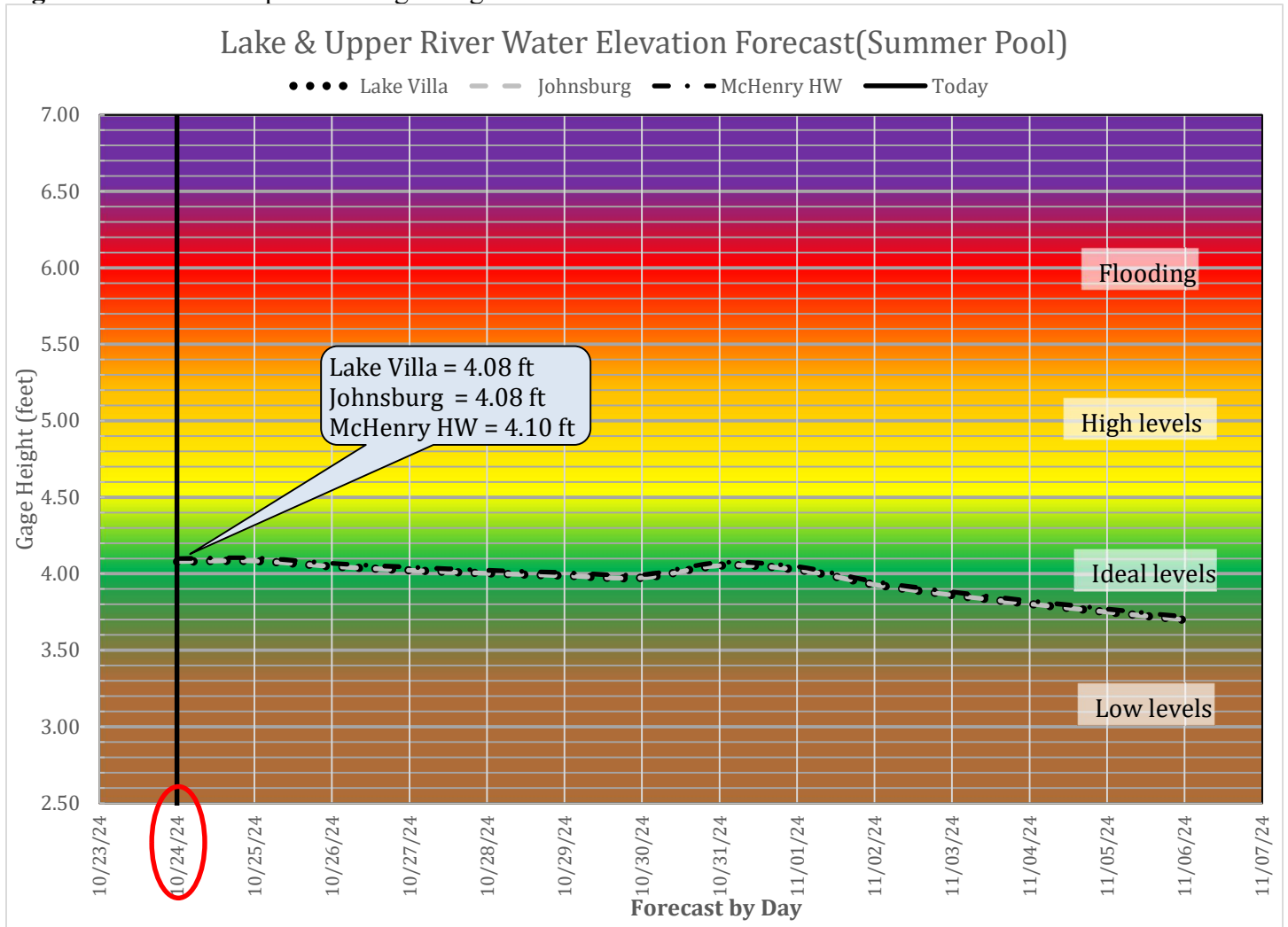
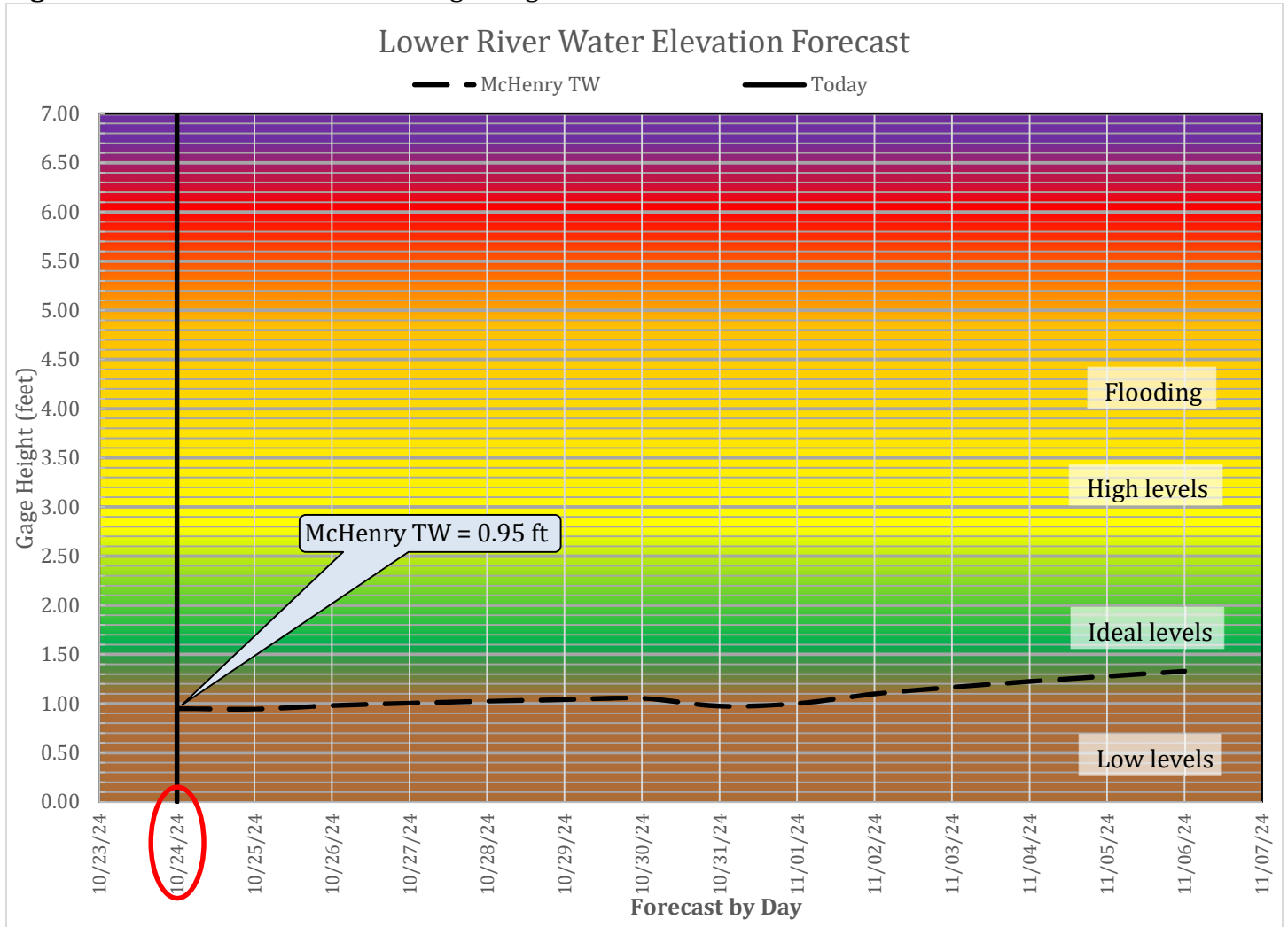


Figure 3: Estimated Downstream Gage Height



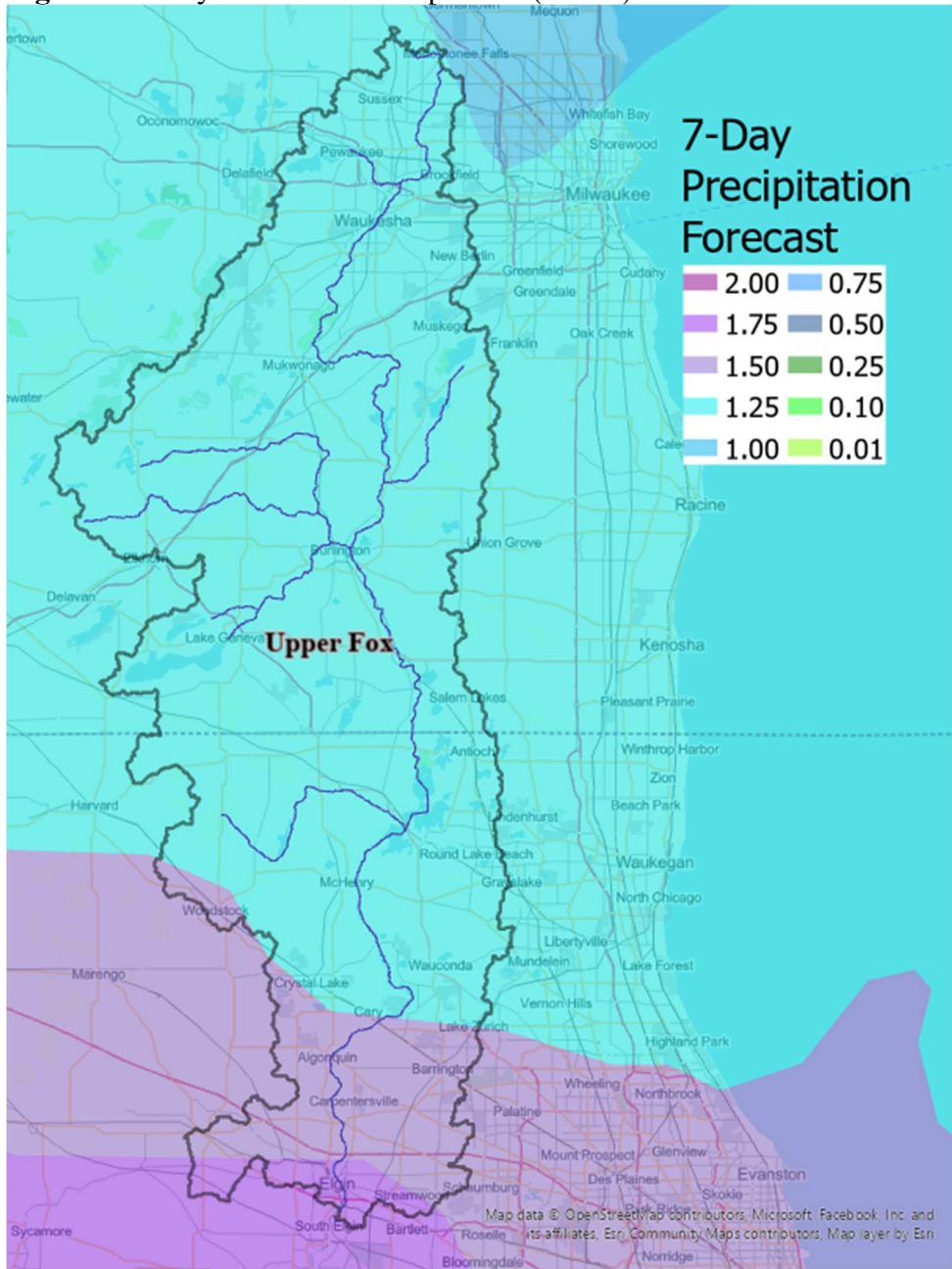
Current Conditions

Measured flow on the Fox River near New Munster, WI is 231 cfs and Nippersink Creek near Spring Grove is at 50 cfs. The total system inflow is 348 cfs. The Fox Lake stage is 4.08 ft; the Stratton Dam Tailwater stage is 0.95 ft. The Fox River at the Algonquin Dam headwater stage is 1.44 ft.

Forecast

Inflows are forecasted to remain near current levels over the next week, as shown in **Figure 1**. Fox Lake and areas upstream of the dam remain near 4.00', as shown above in **Figure 2**. The Lower River will hold near the current level until Winter Drawdown begins, **Figure 3**. The 7-Day Precipitation forecast is showing 1.25" of rain for the next week, **Figure 4**.

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



System Outlook

Chain O' Lakes Outlook

Water levels are to remain near the current level until Winter Drawdown begins next 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 existing conditions continue until gates are opened for drawdown.

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

Thank you,

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