



Fox River Status Update
October 3rd, 2024

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

Summary

There is currently less than 0.1” precipitation forecasted for the next 7 Days (Figure 4). Based on the current forecast, inflows will remain at low levels for the next week (Figure 1). Fox Lake and areas upstream of the dam are forecasted to remain near 4.00’ (Figure 2). The Lower River should expect water levels to remain lower until inflow increase (Figure 3). As a reminder, Winter Drawdown begins on November 1st.

Current Conditions and NWS Forecasts

Figure 1: National Weather Service Forecasted Inflows

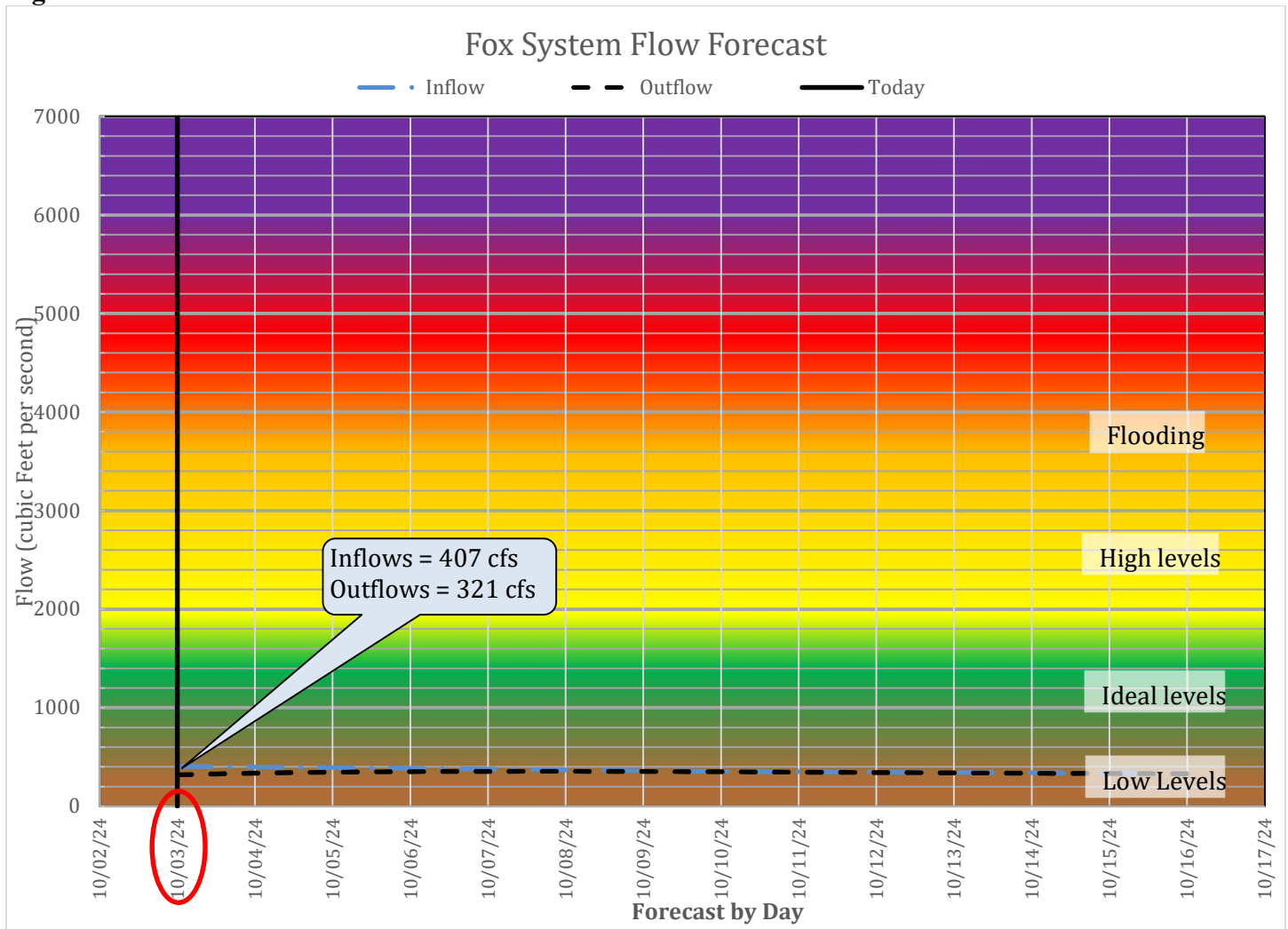


Figure 2: Estimated Upstream Gage Heights

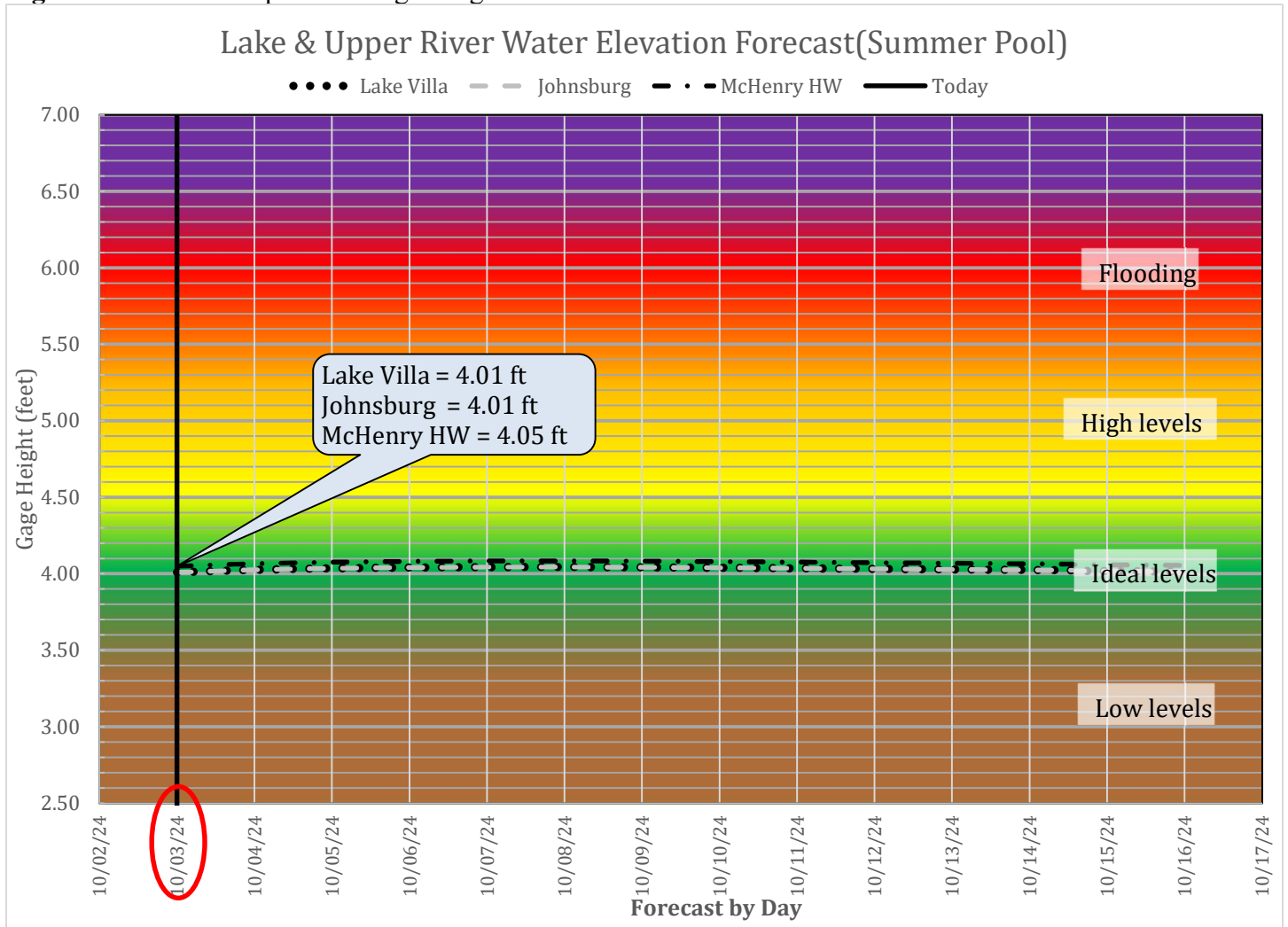
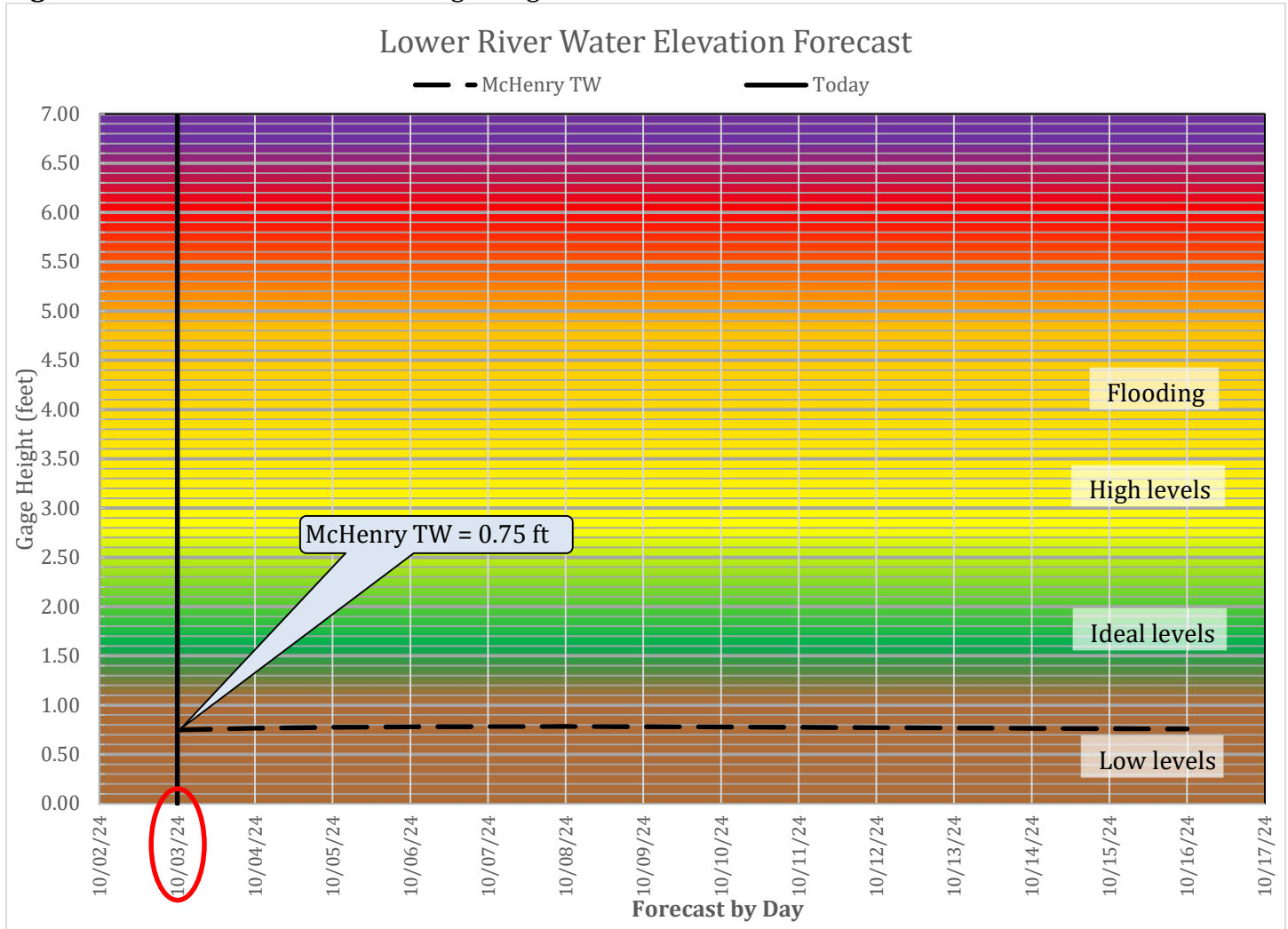


Figure 3: Estimated Downstream Gage Height



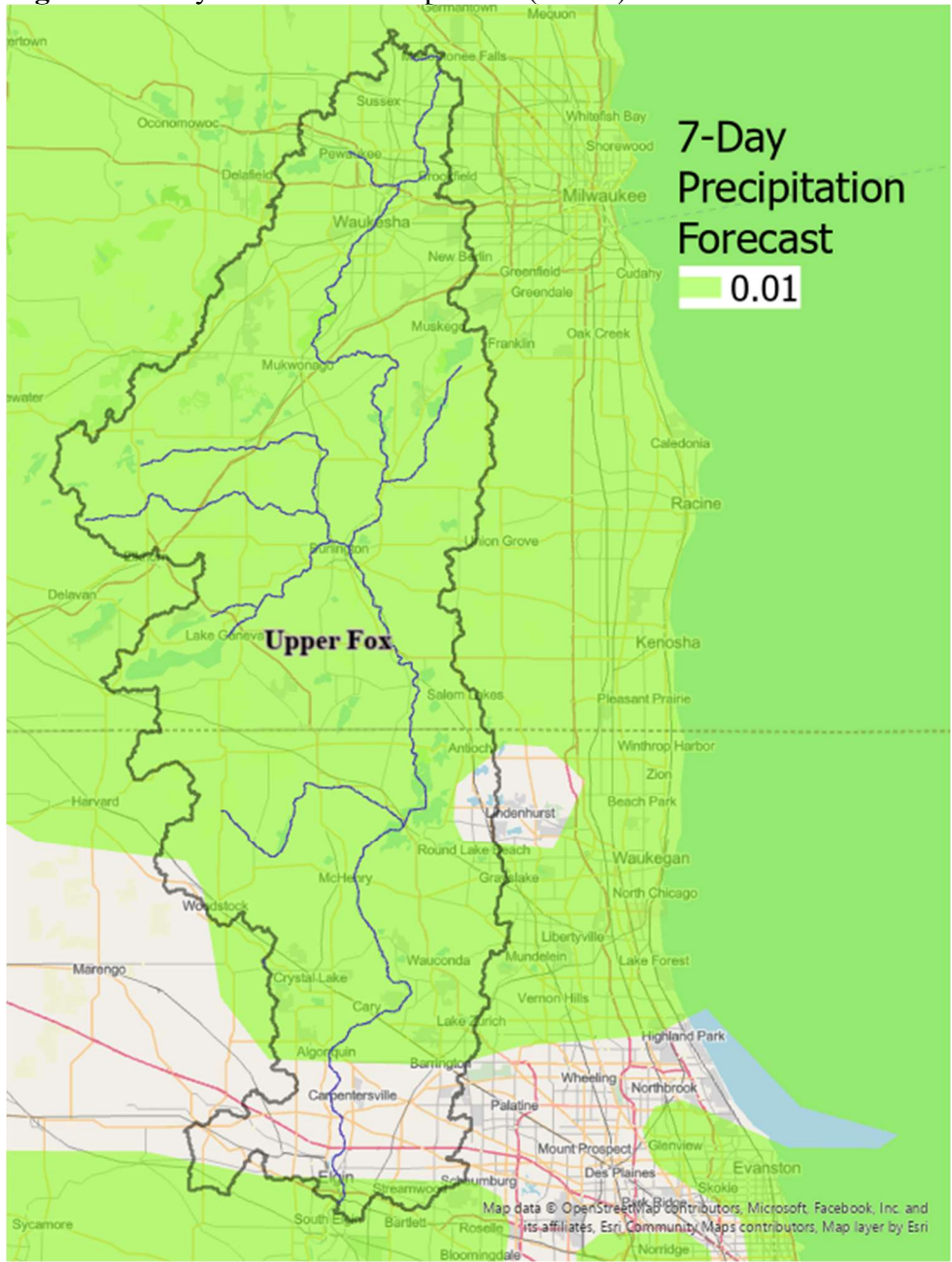
Current Conditions

Measured flow on the Fox River near New Munster, WI is 270 cfs and Nippersink Creek near Spring Grove is at 57 cfs. The total system inflow is 407 cfs. The Fox Lake stage is 4.01 ft; the Stratton Dam Tailwater stage is 0.75 ft. The Fox River at the Algonquin Dam headwater stage is 1.34 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 are forecasted to hold near 4.00', as shown above in **Figure 2**. The Lower River will continue to see low flow conditions, **Figure 3**. The 7-Day Precipitation forecast is showing less than 0.1" 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.

McHenry Pool Area Outlook

The Pool and Upper River should expect to see little change over the next week.

Lower River Outlook

The lower river will see no relief until the system receives a measurable increase of inflows.

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

Thank you,

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