



Fox River Status Update
July 26th, 2024

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

Summary

There is currently near 0.35” of precipitation forecasted for the next 7 Days (Figure 4). Based on the current forecast, inflows are continuing to drop (Figure 1). Fox Lake is forecasted to continue to slowly drop. The Lower River is expected to continue dropping as well, (Figure 3).

Current Conditions and NWS Forecasts

Figure 1: National Weather Service Forecasted Inflows

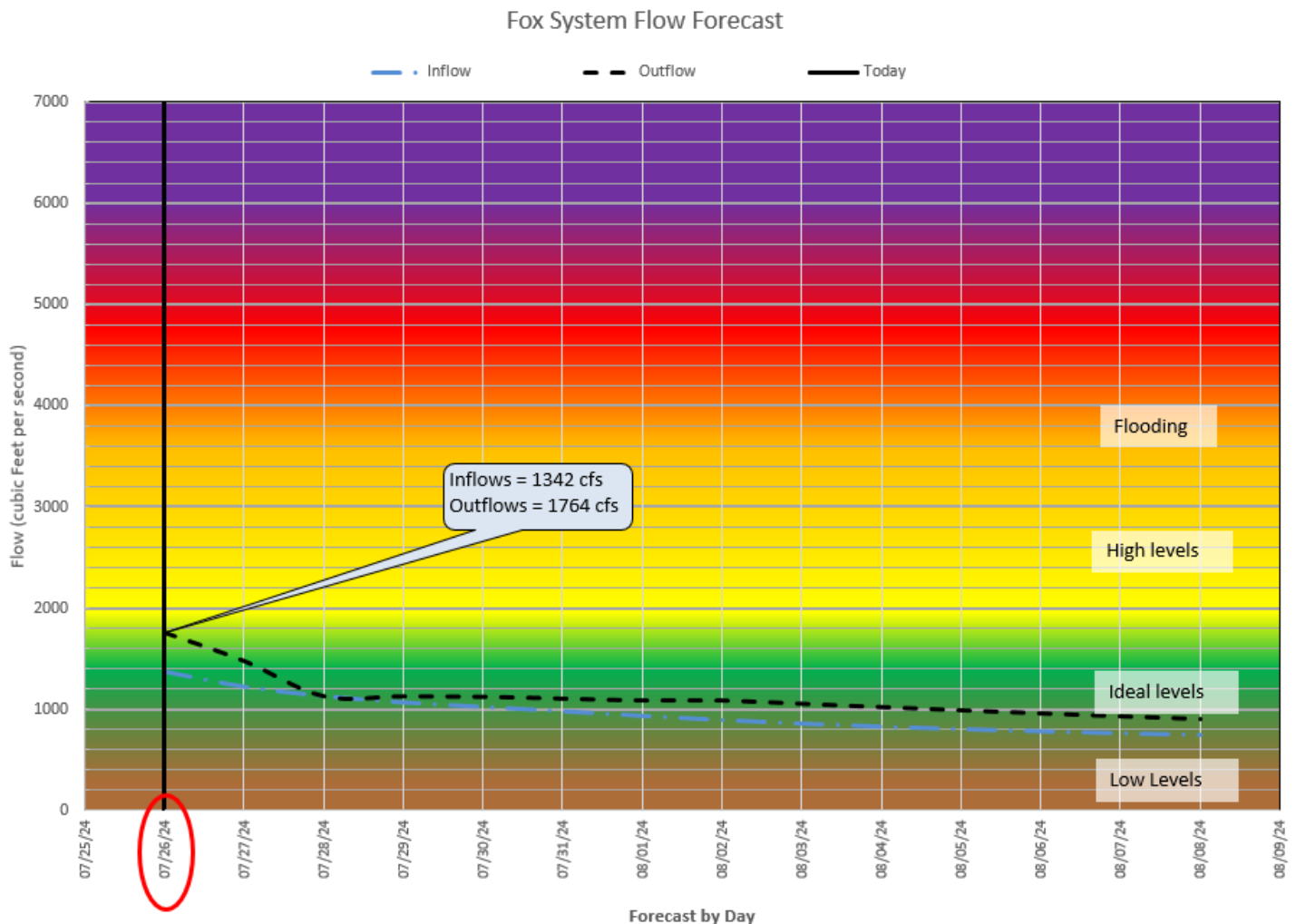


Figure 2: Estimated Upstream Gage Heights

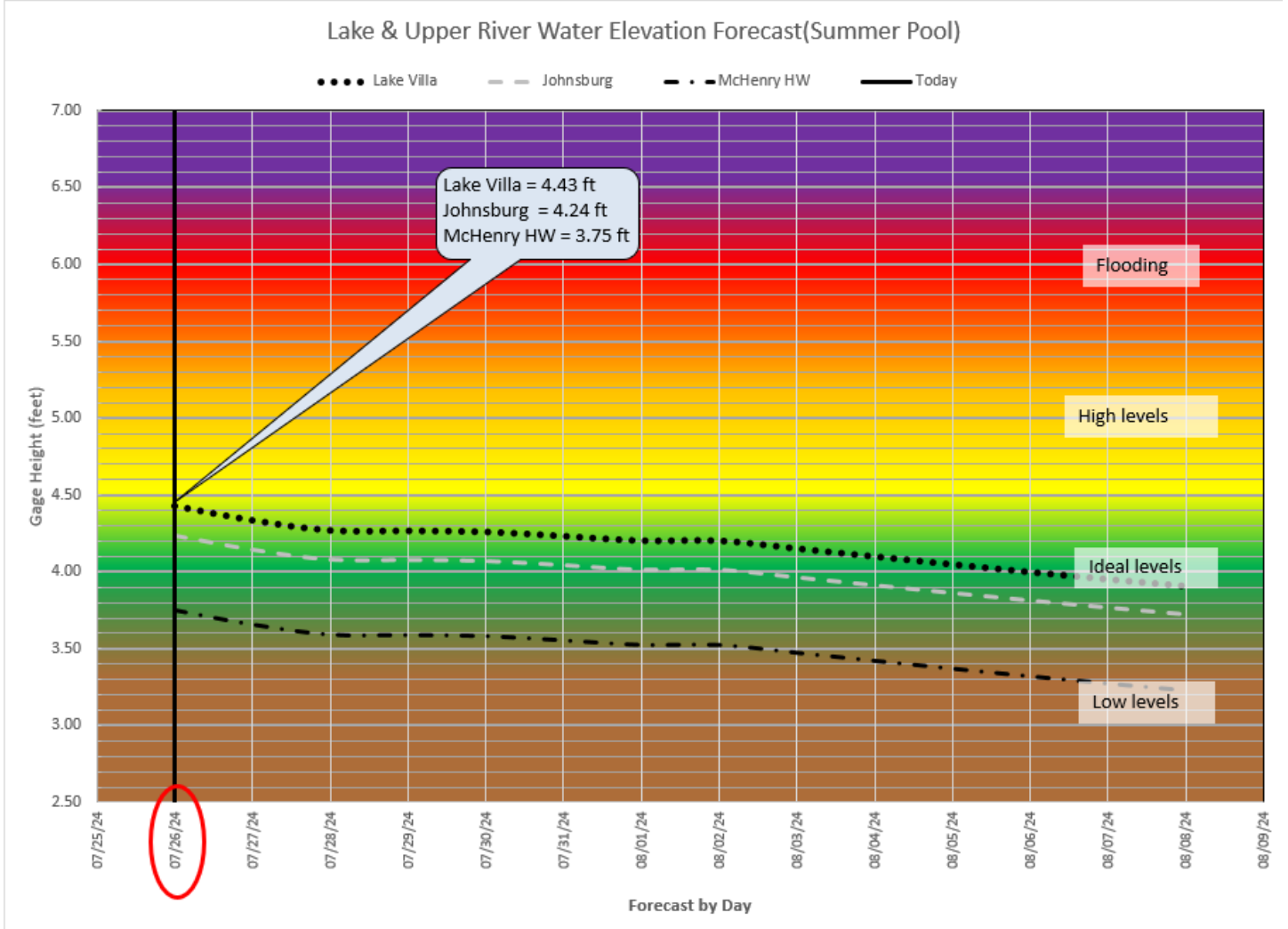
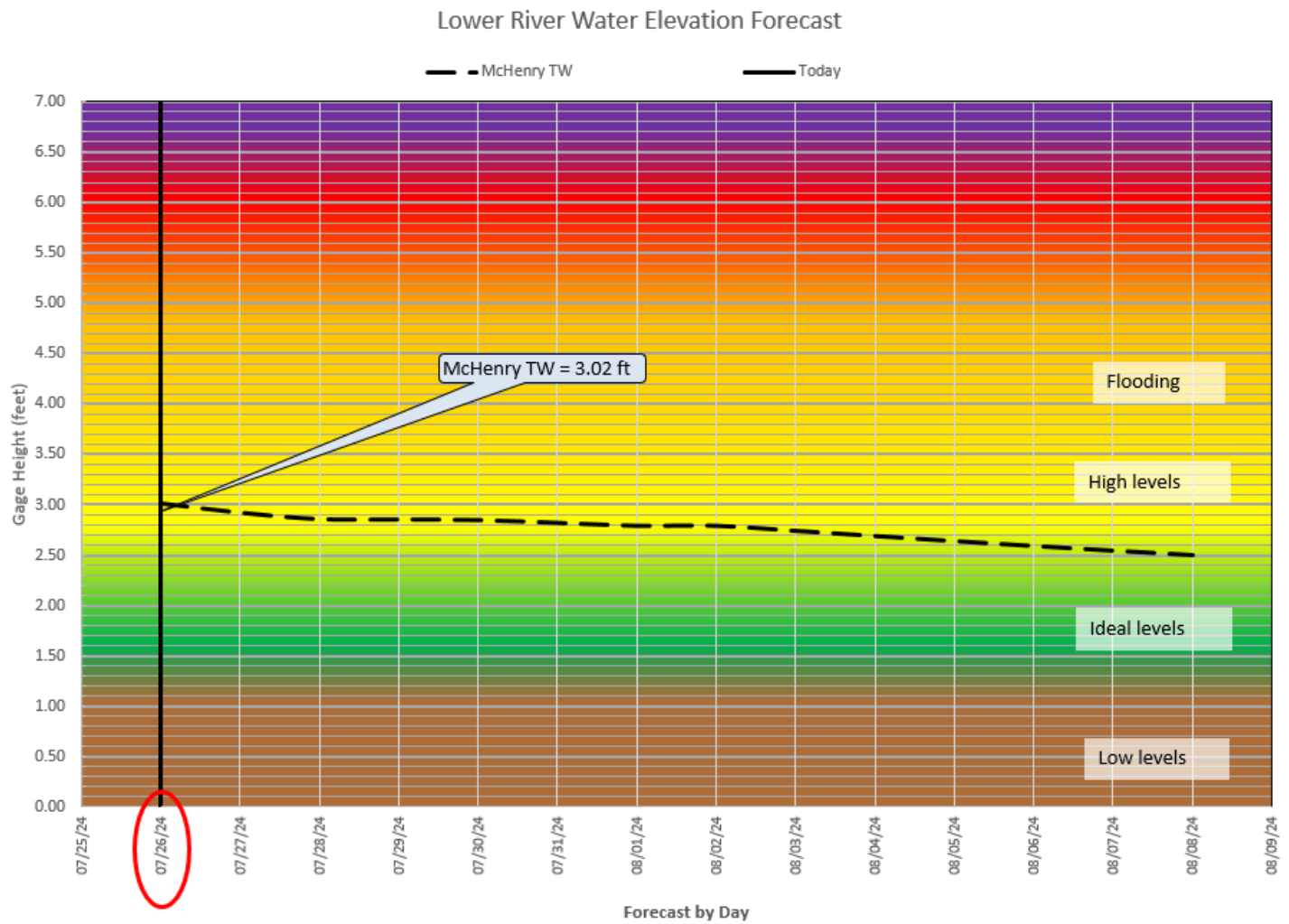


Figure 3: Estimated Downstream Gage Height



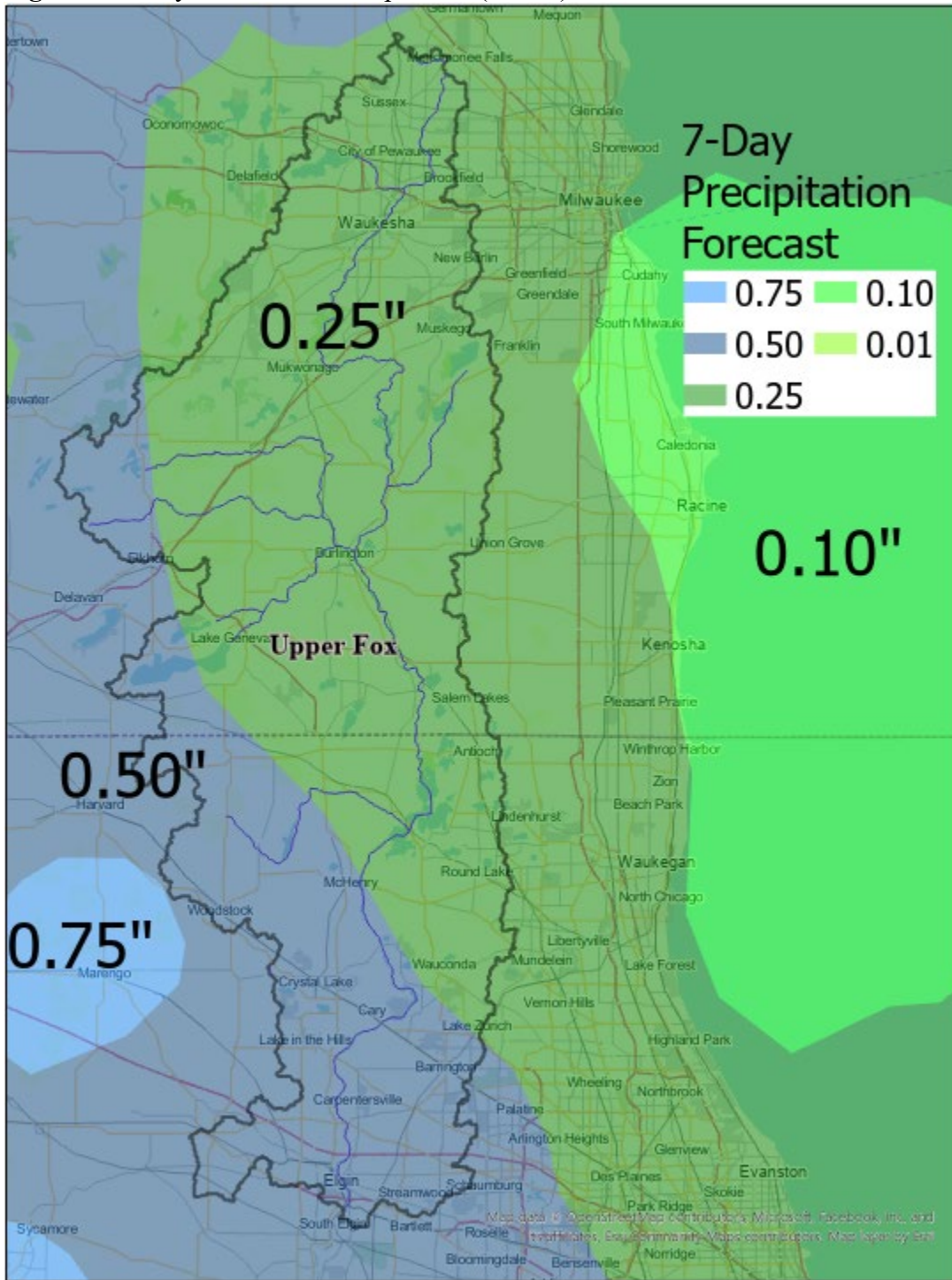
Current Conditions

Measured flow on the Fox River near New Munster, WI is 621 cfs and Nippersink Creek near Spring Grove is at 336 cfs. The total system inflow is 1342 cfs. The Fox Lake stage is 4.43 ft; the Stratton Dam Tailwater stage is 3.02 ft. The Fox River at the Algonquin Dam headwater stage is 1.80 ft.

Forecast

Inflows are forecasted to have peaked and continue dropping, as shown in **Figure 1**. Fox Lake is forecasted to continue to drop as shown above in **Figure 2**. The Lower River will continue to drop, **Figure 3**. The 7-Day Precipitation forecast is showing 0.35” of rain for the watershed, **Figure 4**.

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



System Outlook

Chain O' Lakes Outlook

Water levels are forecasted to will continue to drop.

McHenry Pool Area Outlook

The Upper River will be held at a minimum navigation level of near 3.8 to continue removing excess water from the system. The Johnsborg gage will continue to slowly drop.

Lower River Outlook

The lower river will continue to slowly drop as the system removes excess water.

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

Thank you,

Wes Cattoor
Office of Water Resources
Illinois Department of Natural Resources