



Fox River Status Update
April 12th, 2024

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

Summary

The current forecast shows inflows continuing to drop over the next 7 days (Figure 1). Currently the watershed is forecasted to receive between 0.5”-1.0’ of rain over the next 7 days (Figure 4). Water levels are predicted to continue dropping (Figures 2 & 3). Water levels are expected to remain higher than scheduled for the next two weeks depending on future precipitation.

Current Conditions and NWS Forecasts

Figure 1: NWS Forecasted Inflows

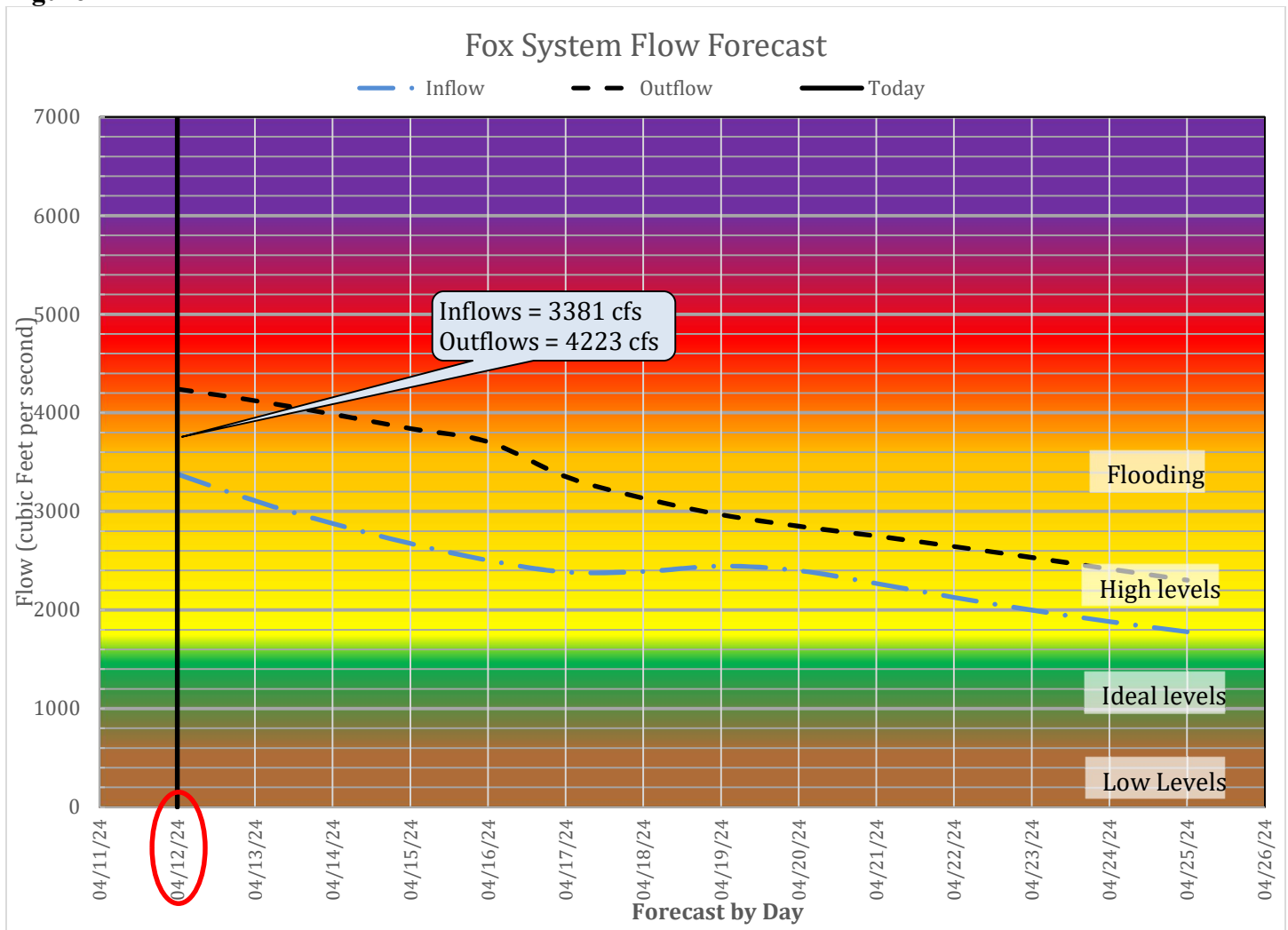


Figure 2: Estimated Upstream Gage Heights

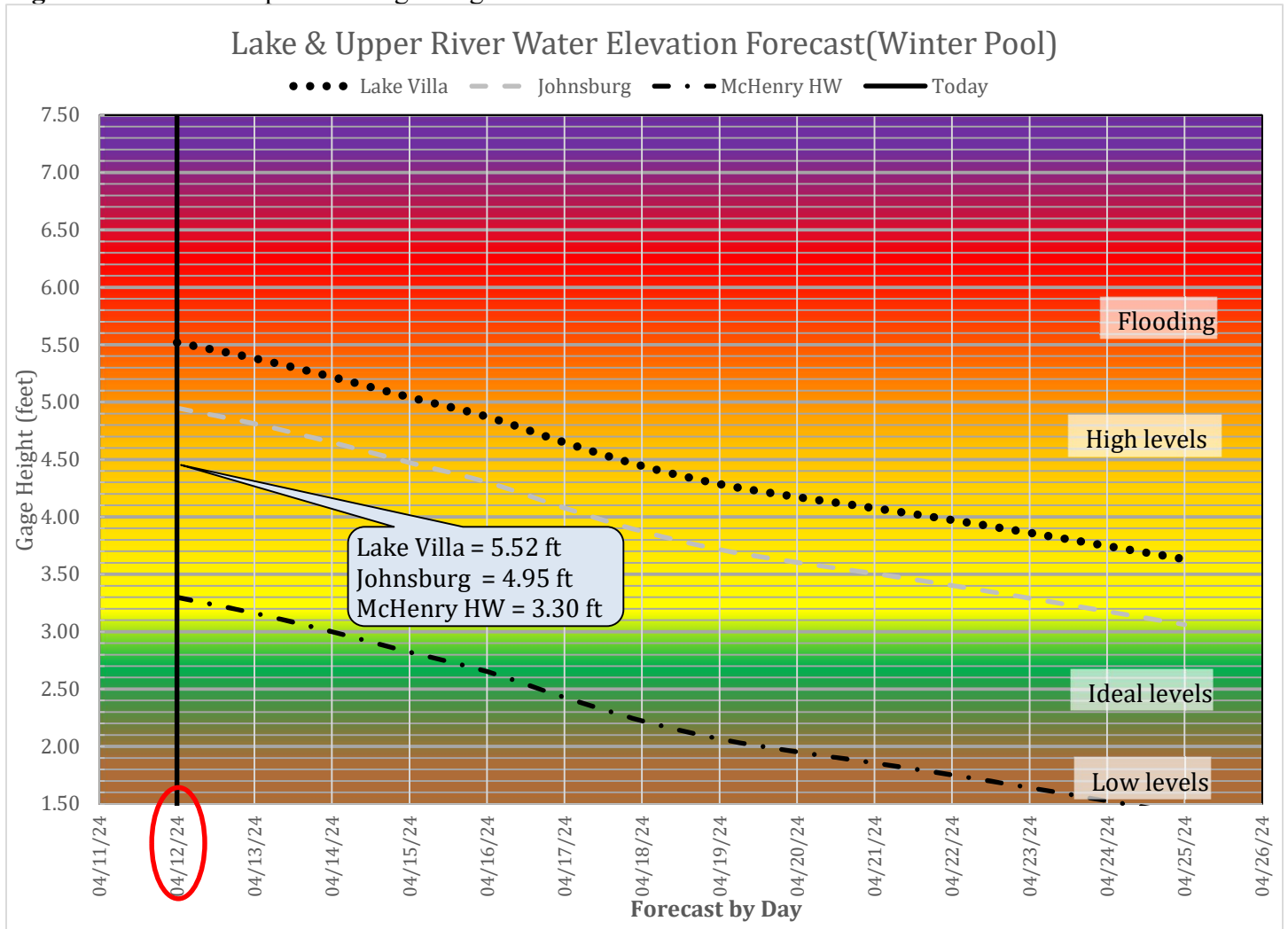
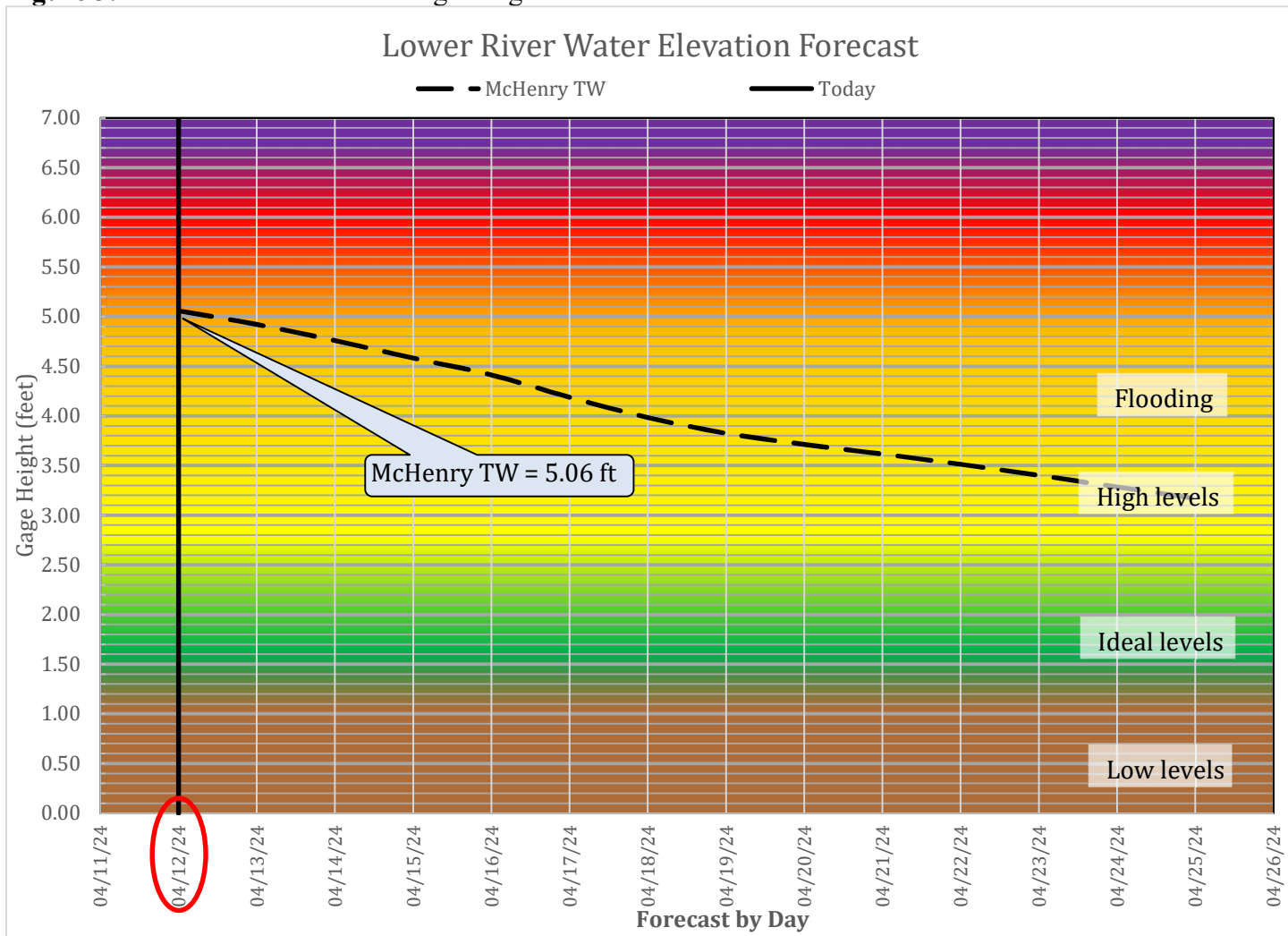


Figure 3: Estimated Downstream Gage Height



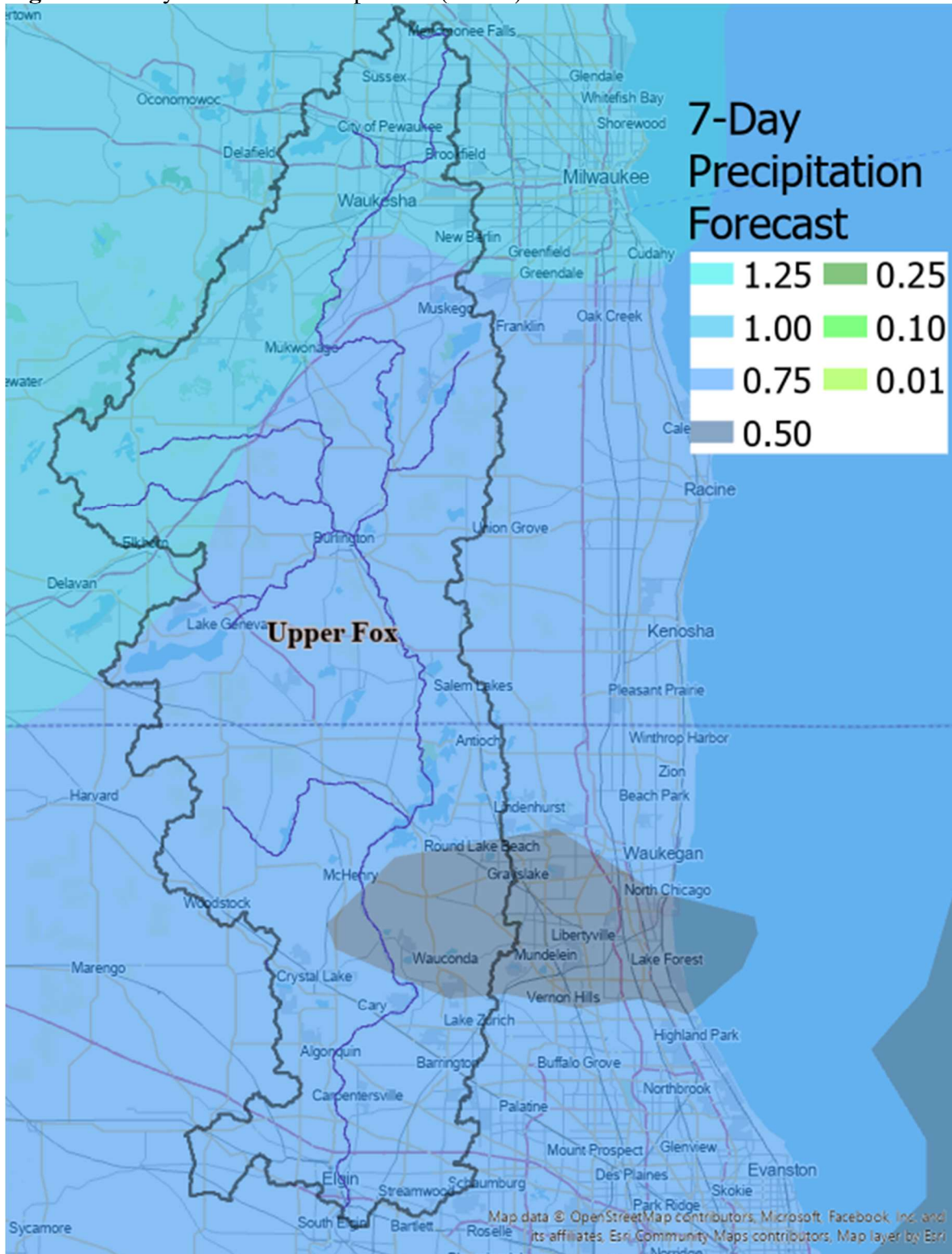
Current Conditions

Measured flow on the Fox River near New Munster, WI is 2410 cfs and Nippersink Creek near Spring Grove is at 322 cfs. The total system inflow is 3381 cfs. The Fox Lake stage is 5.52 ft; the Stratton Dam Tailwater stage is 5.06 ft. The Fox River at the Algonquin Dam headwater stage is 2.22 ft.

Forecast

Inflows are forecasted to continue dropping, as shown in **Figure 1**. Fox Lake is forecasted to remain above 5.00' until next week and Johnsborg has fallen below 5.0', as shown above in **Figure 2**. The Lower River will also see water levels continue to drop for the duration of this forecast, **Figure 3** above. The 7-Day Precipitation forecast is showing 0.5"-1.5" rain for the watershed, **Figure 4**.

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



System Outlook

All Areas of the System

It is anticipated that it will be a slow process of returning to normal water levels. Any additional rainfall will only extend the duration.

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

Thank you,

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