



Fox River Status Update  
August 22<sup>nd</sup>, 2024

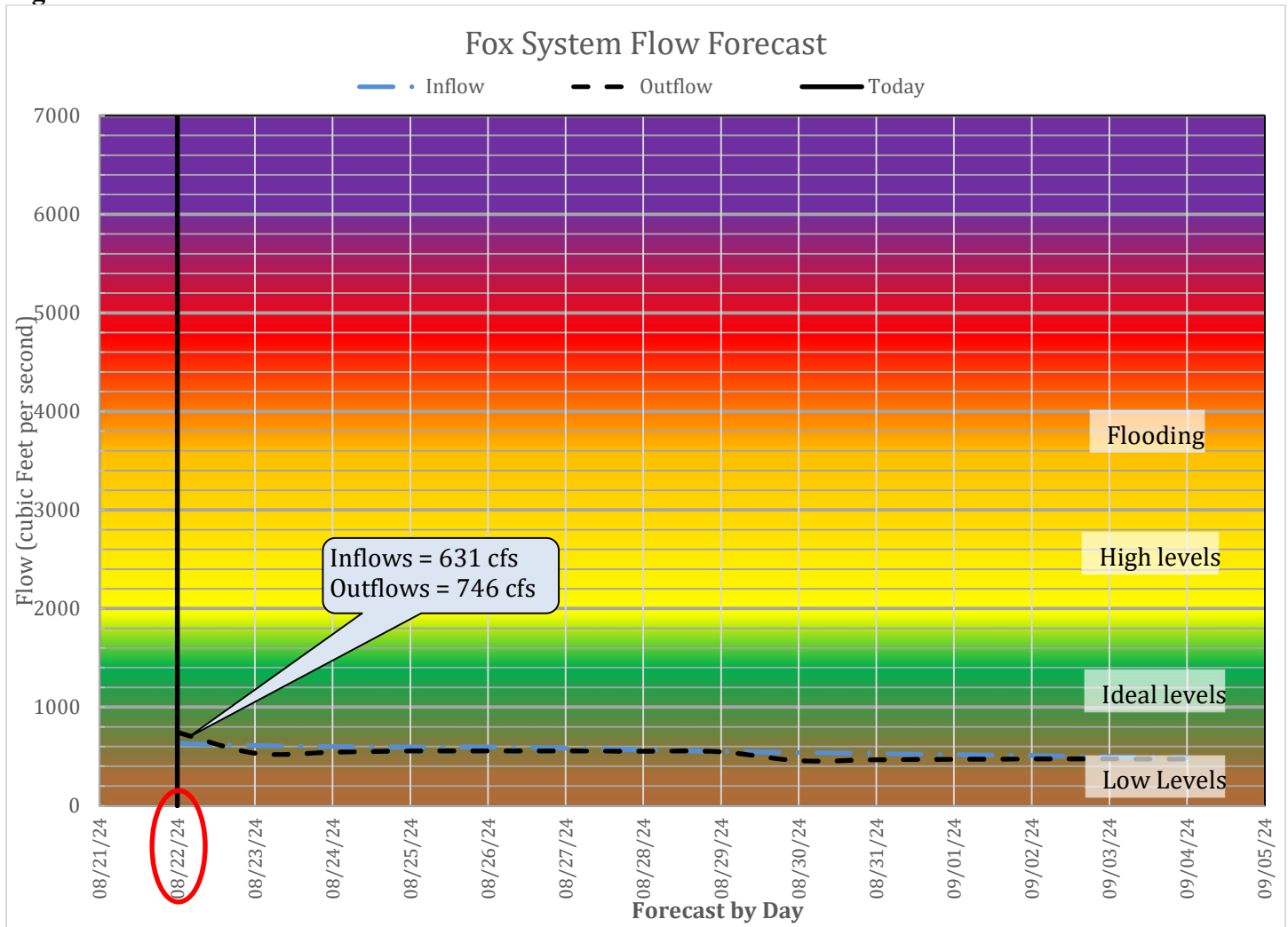
*\*This Update is based on the current forecast and will be adjusted based on future forecasts and rainfall.*

### Summary

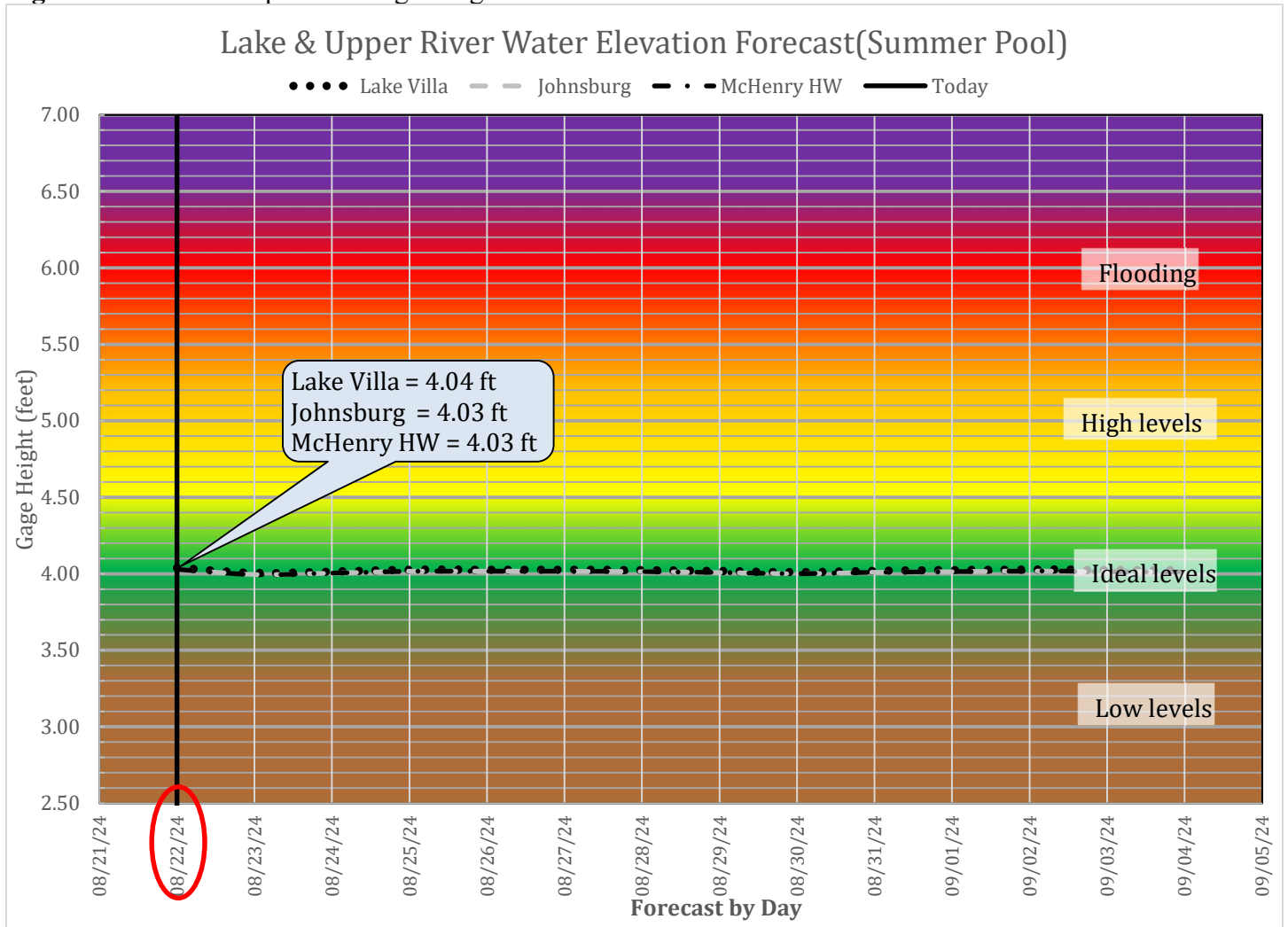
There is currently 0.10” of precipitation forecasted for the next 7 Days (Figure 4). Based on the current forecast, inflows will remain near the current level (Figure 1). Fox Lake is forecasted to hold just above 4.0’ (Figure 2). The Lower River is expected to remain near 1.5’ (Figure 3). Everything is currently expected to remain about where it is.

### Current Conditions and NWS Forecasts

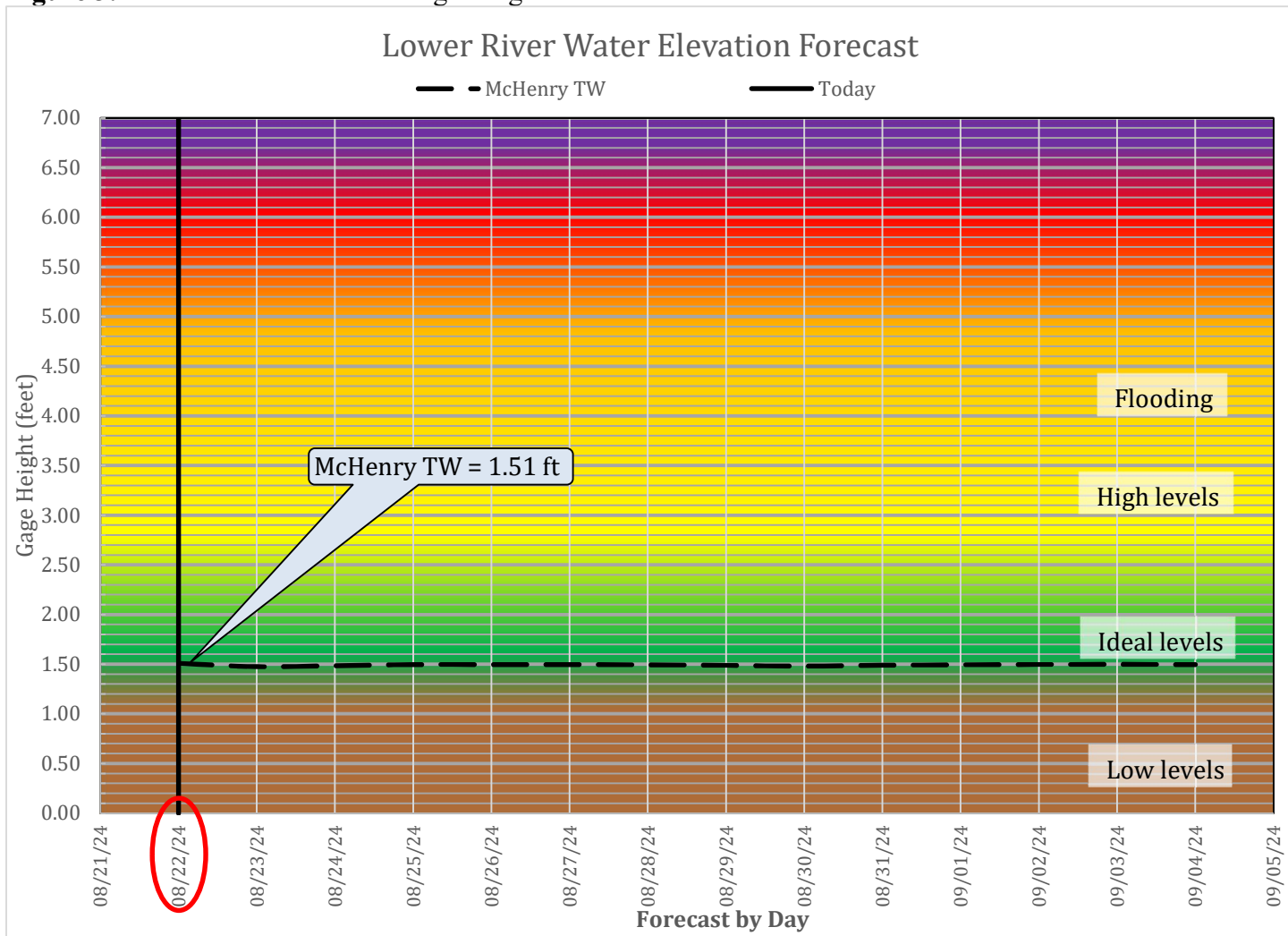
**Figure 1:** National Weather Service Forecasted Inflows



**Figure 2:** Estimated Upstream Gage Heights



**Figure 3:** Estimated Downstream Gage Height



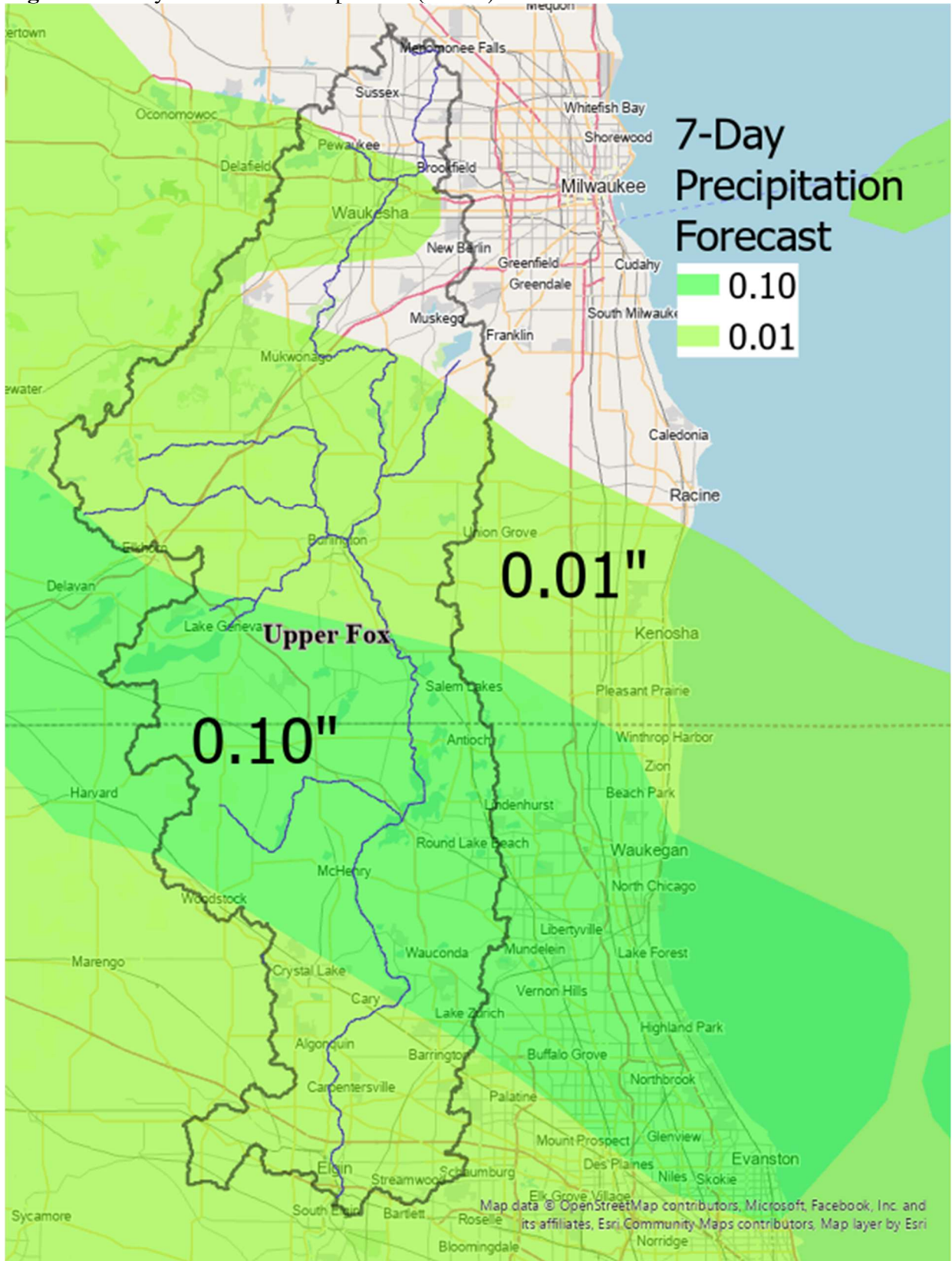
### Current Conditions

Measured flow on the Fox River near New Munster, WI is 425 cfs and Nippersink Creek near Spring Grove is at 86.9 cfs. The total system inflow is 715 cfs. The Fox Lake stage is 4.04 ft; the Stratton Dam Tailwater stage is 1.51 ft. The Fox River at the Algonquin Dam headwater stage is 1.70 ft.

### Forecast

Inflows are forecasted to hold relatively steady over the next week, as shown in **Figure 1**. Fox Lake and areas upstream of the dam are forecasted to hold near 4.0', as shown above in **Figure 2**. The Lower River will continue to remain near 1.50', **Figure 3**. The 7-Day Precipitation forecast is showing between 0.01" – 0.1" 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 remain near current levels.

### **McHenry Pool Area Outlook**

The Upper River should expect to see conditions remain as they are.

### **Lower River Outlook**

The lower river will hold near the current level.

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

Thank you,

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