



Fox River Status Update  
June 27<sup>th</sup>, 2024

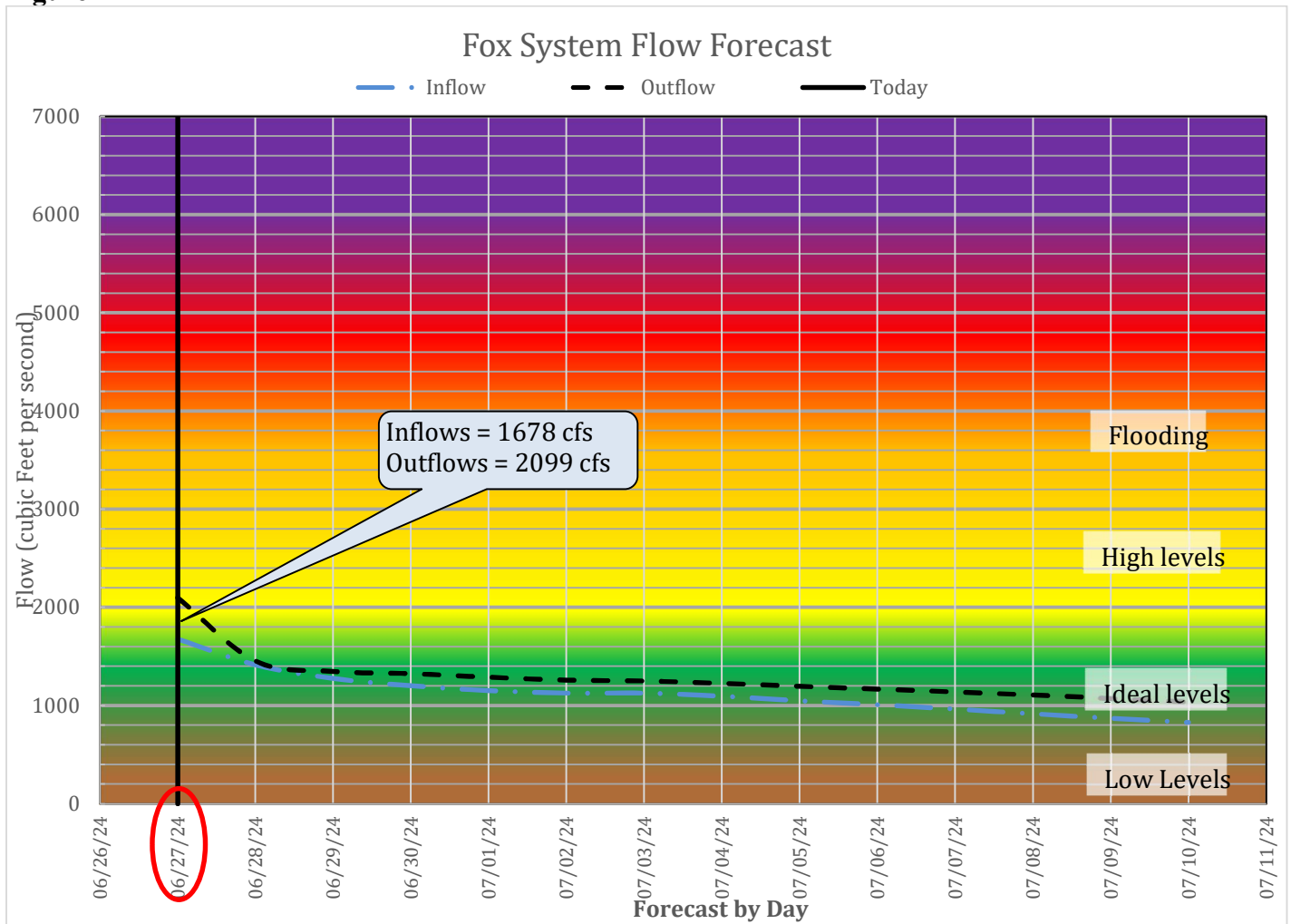
*\*This Update is based on the current forecast and will be adjusted based on future forecasts and rainfall.*

### Summary

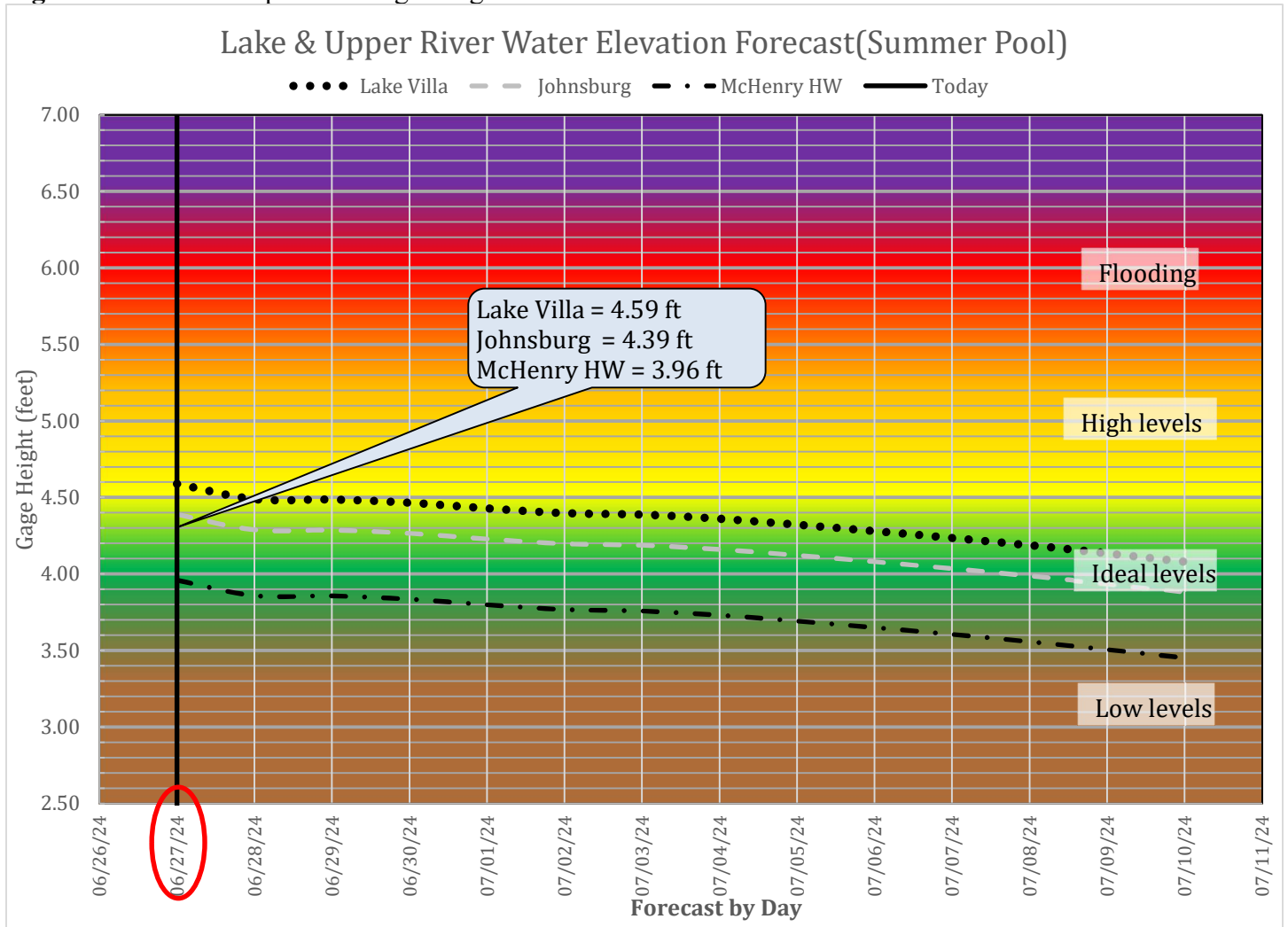
There is currently 0.75” of precipitation forecasted for the next 7 Days (Figure 4). Based on the current forecast, inflows will continue to drop over the next week (Figure 1). Fox Lake is forecasted to continue dropping but is expected to remain slightly above normal summer pool levels for the upcoming week, (Figure 2). The Lower River is expected to drop below “No Wake” and remain below for the duration of this forecast (Figure 3). The slightly elevated water levels should provide some additional depth to the system and allow for better boating conditions during Independence Day celebrations.

### Current Conditions and NWS Forecasts

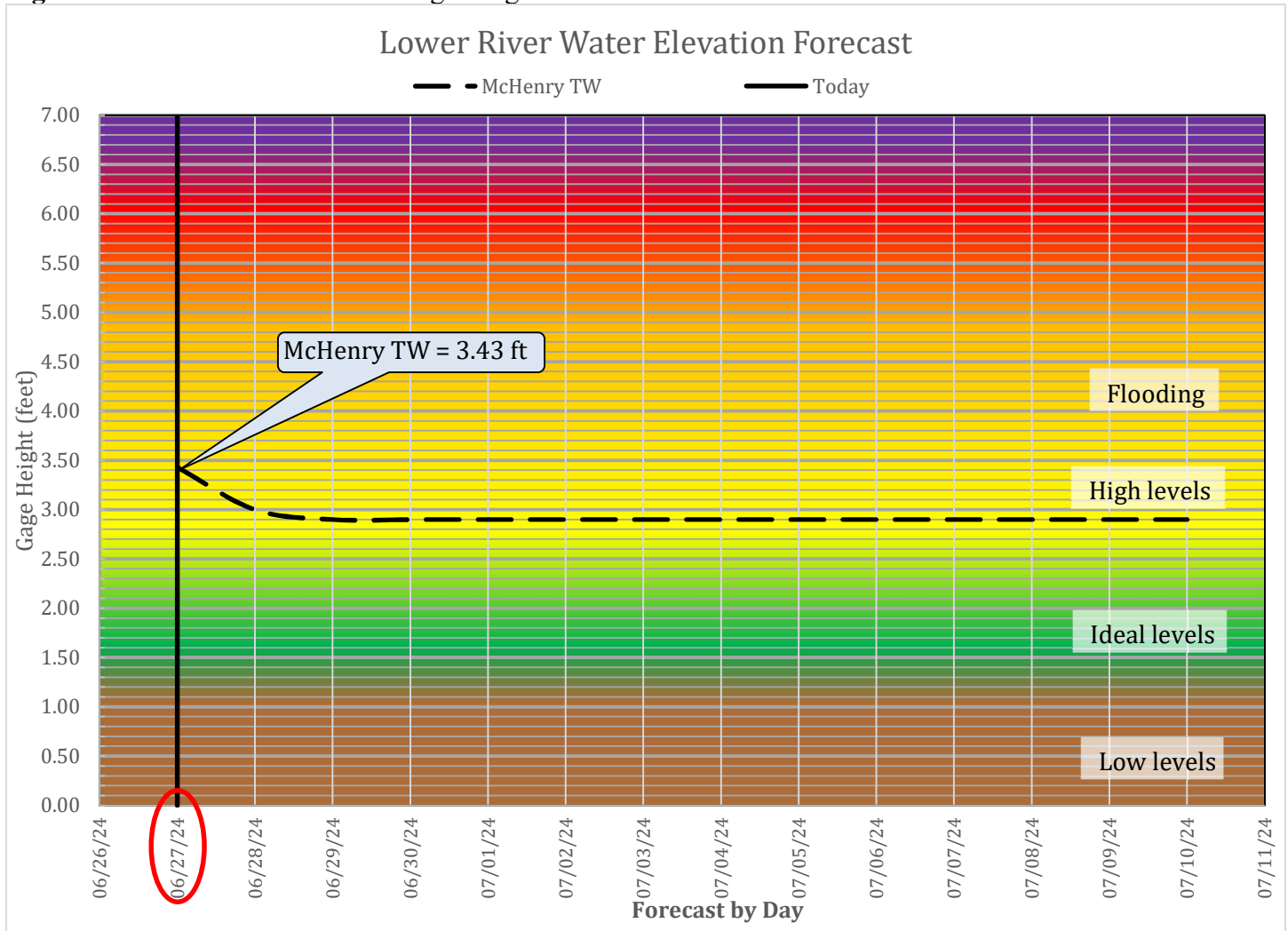
Figure 1: NWS Forecasted Inflows



**Figure 2: Estimated Upstream Gage Heights**



**Figure 3: Estimated Downstream Gage Height**



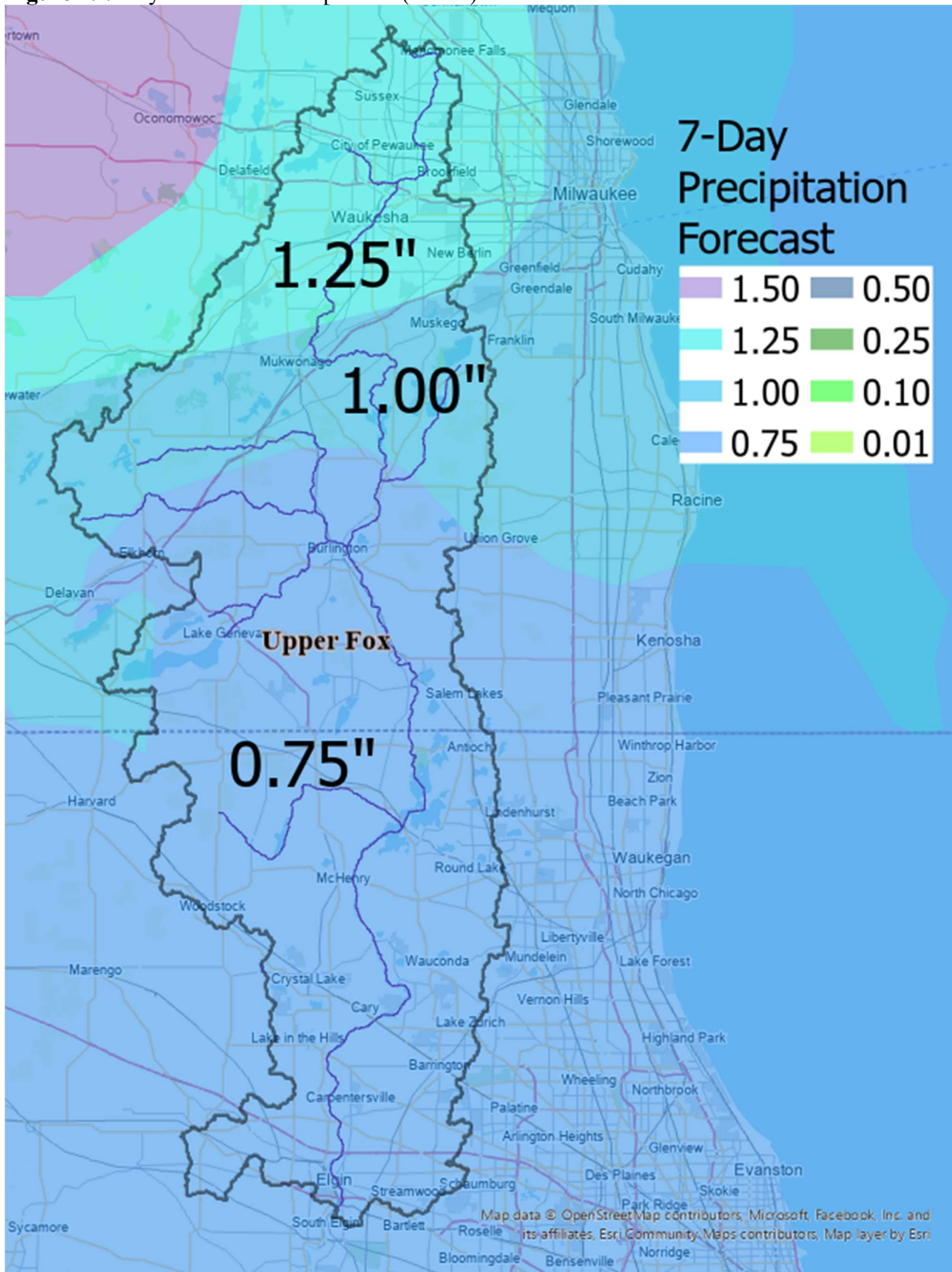
**Current Conditions**

Measured flow on the Fox River near New Munster, WI is 758 cfs and Nippersink Creek near Spring Grove is at 353 cfs. The total system inflow is 1678 cfs. The Fox Lake stage is 4.59 ft; the Stratton Dam Tailwater stage is 3.43 ft. The Fox River at the Algonquin Dam headwater stage is 1.57 ft.

**Forecast**

Inflows are forecasted to continue dropping for the next week, as shown in **Figure 1**. Fox Lake is forecasted to remain a few inches higher than normal, as shown above in **Figure 2**. The Lower River should remain below 3.0' on the McHenry Tailwater gage starting tomorrow and last through the week, **Figure 3**. The 7-Day Precipitation forecast is showing between 0.75" - 1.25" 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 continue slowly dropping for the upcoming week but will remain slightly elevated.

### McHenry Pool Area Outlook

The pool and upper river should be slightly lower than the lakes yet maintain ample depth for boating.

### Lower River Outlook

The lower river is scheduled to drop below "No Wake" conditions tomorrow and remain there during the upcoming week.

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

Thank you,

Aaron Rotherham  
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