



Fox River Status Update July 24th, 2025

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

Summary

There is currently between 1.25" to 2.00" of precipitation forecasted for the watershed over the next 7 Days (Figure 4). Inflows are forecasted to peak Monday at 820 cfs (Figure 1). Fox Lake is forecasted to peak at 4.14' on Wednesday with the Upper River being slightly lower (Figure 2). The Lower River should expect to see levels remain stunted as the precipitation will provide little to the system (Figure 3).

Current Conditions and NWS Forecasts

Figure 1: National Weather Service Forecasted Inflows

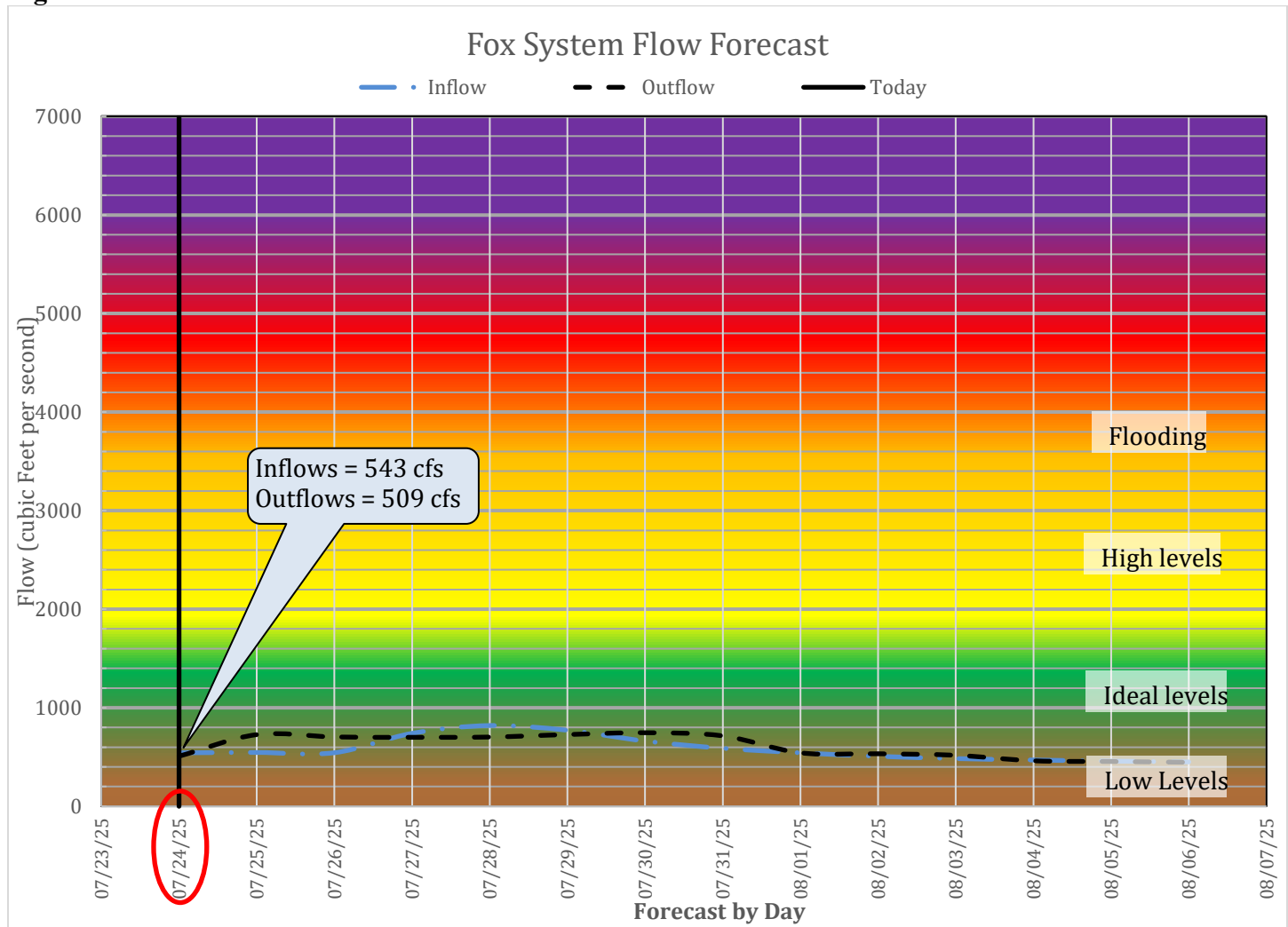


Figure 2: Estimated Upstream Gage Heights

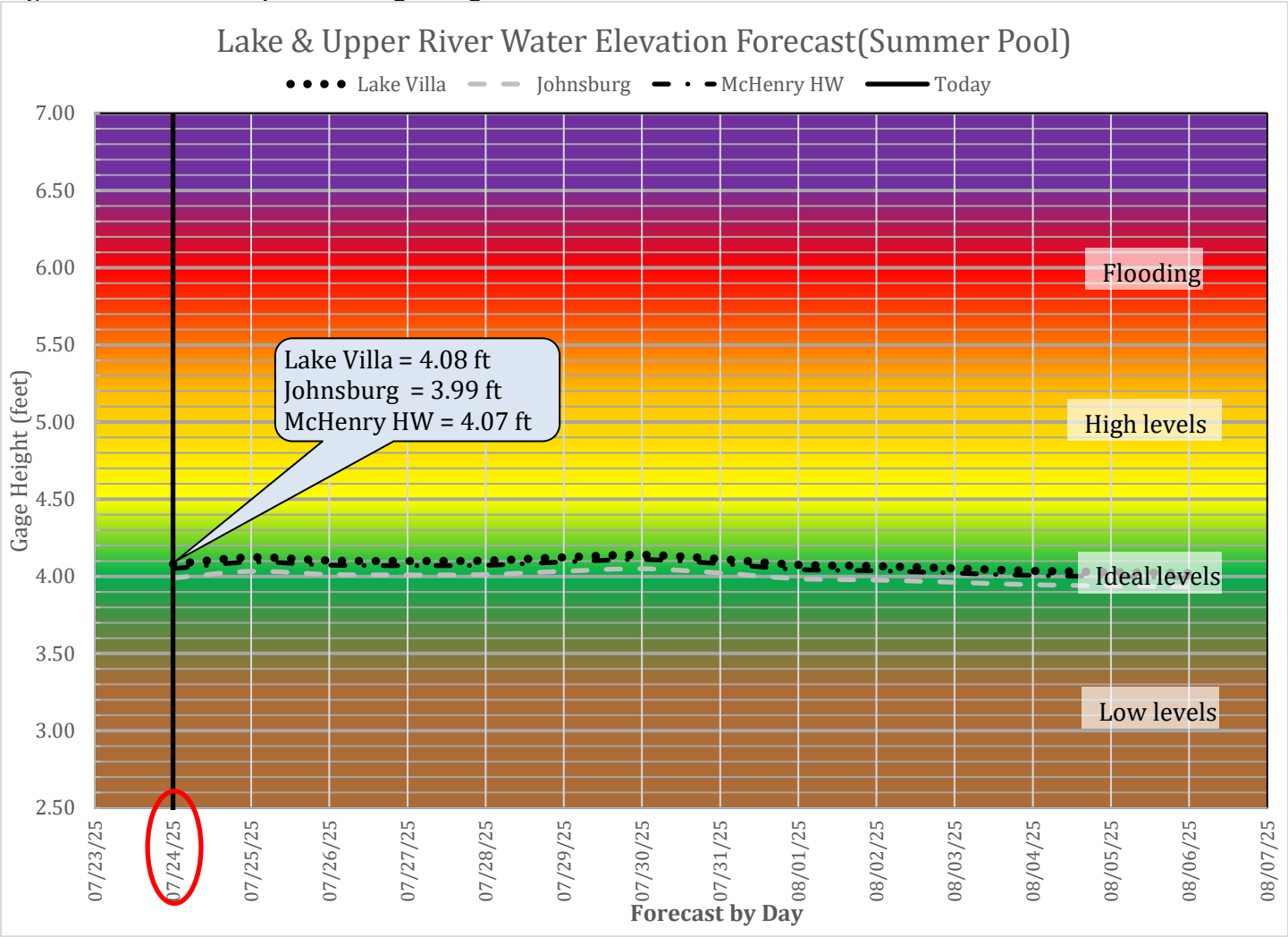
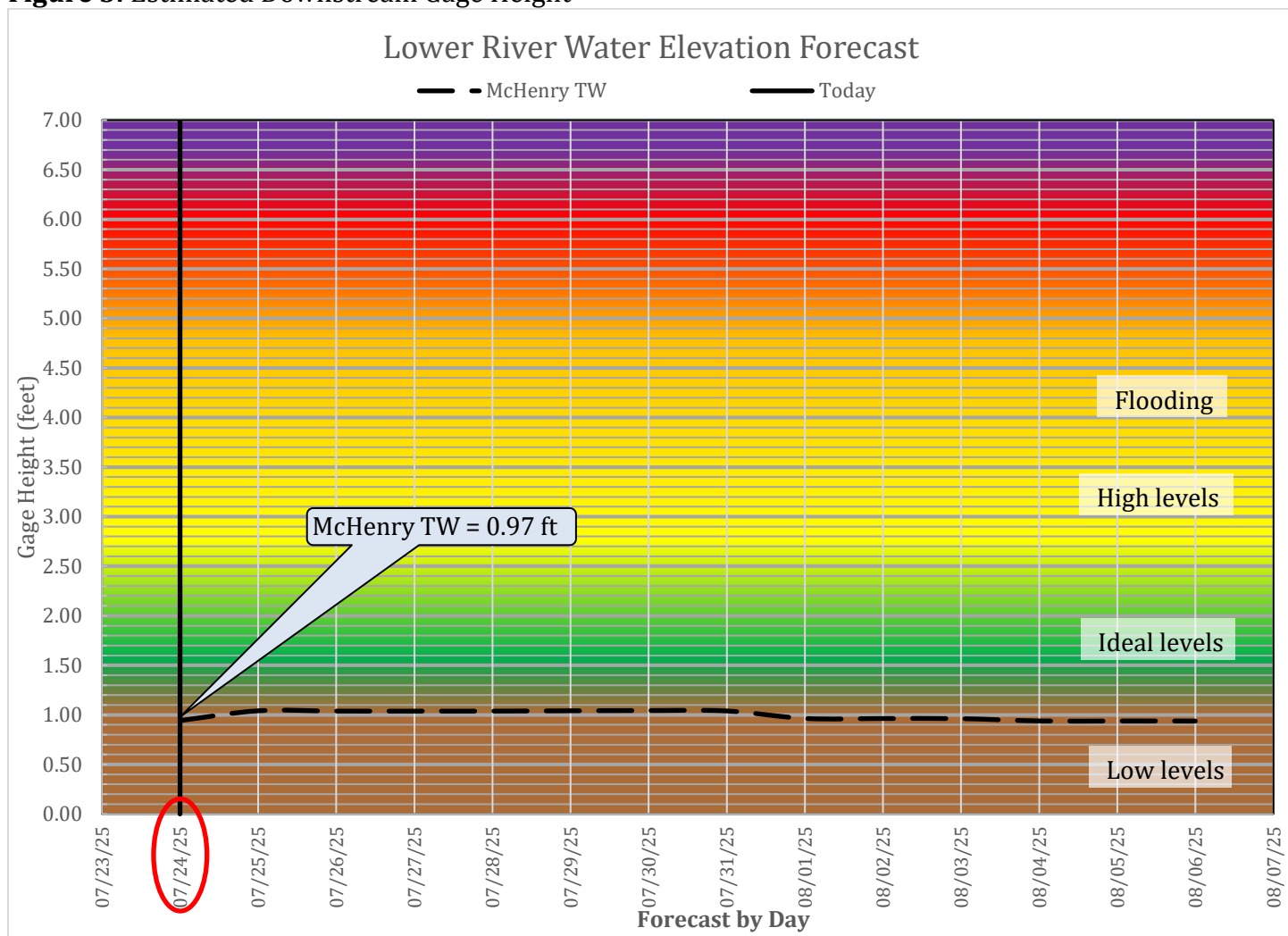


Figure 3: Estimated Downstream Gage Height



Current Conditions

Measured flow on the Fox River near New Munster, WI is 415 cfs and Nippersink Creek near Spring Grove is at 49 cfs. The total system inflow is 543 cfs. The Fox Lake stage is 4.08 ft; the Stratton Dam Tailwater stage is 0.97 ft. The Fox River at the Algonquin Dam headwater stage is 1.43 ft.

Forecast

Inflows are forecasted to climb slightly after the rain then return to lower flows, as shown in **Figure 1**. Fox Lake and areas upstream of the dam should top out at 4.14', as shown above in **Figure 2**. The Lower River should expect little to no relief from the low flows as the rain will not provide significant relief, **Figure 3**. The 7-Day Precipitation forecast is showing between 1.25" to 2.00" of rain for the next week, **Figure 4**.

**7 Day
Precipitation
Forecast**

2.50	1.25	0.25
2.00	1.00	0.10
1.75	0.75	0.01
1.50	0.50	

1.25"

1.50"

1.75"

2.00"

2.50"

Upper Fox

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System Outlook

Chain O' Lakes Outlook

Water levels will climb to near 4.14' on Wednesday next week.

McHenry Pool Area Outlook

The Pool and Upper River should expect to see conditions similar to the lakes, only slightly lower.

Lower River Outlook

The lower river should expect to see low flows continue as the rain will not provide relief.

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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