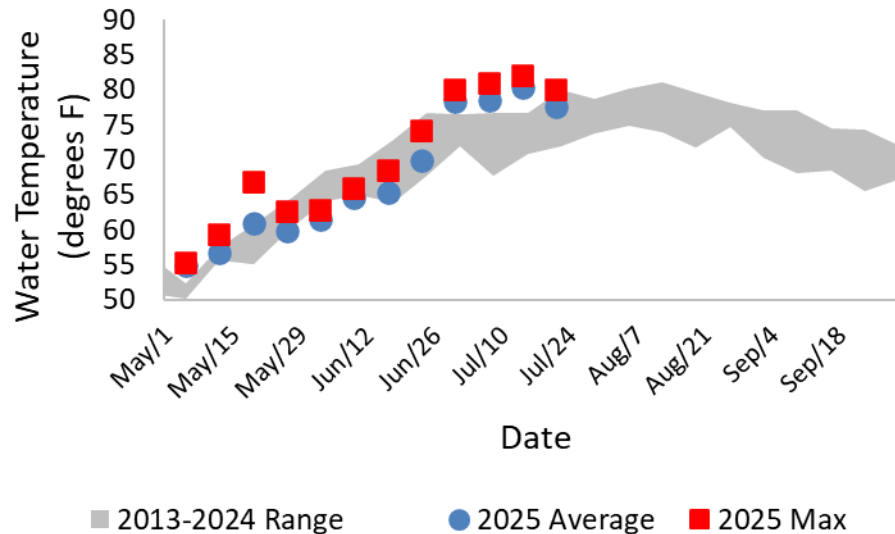
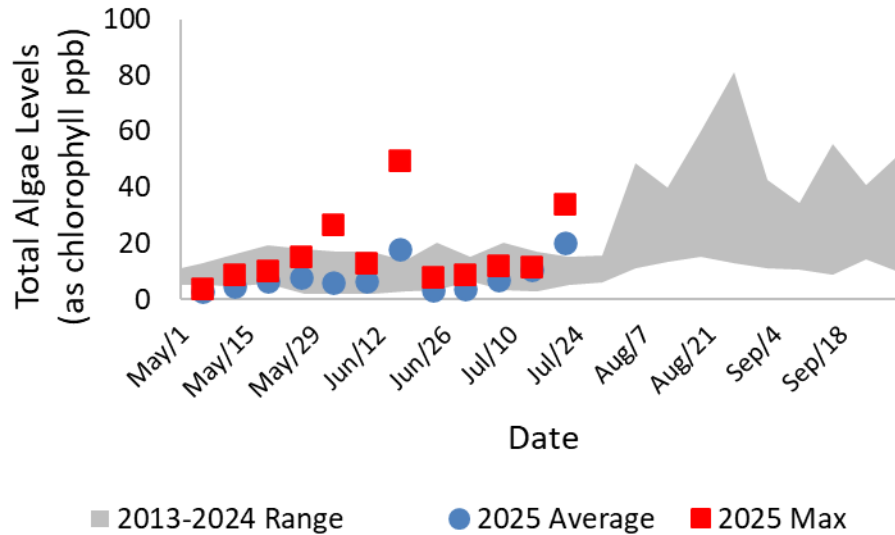
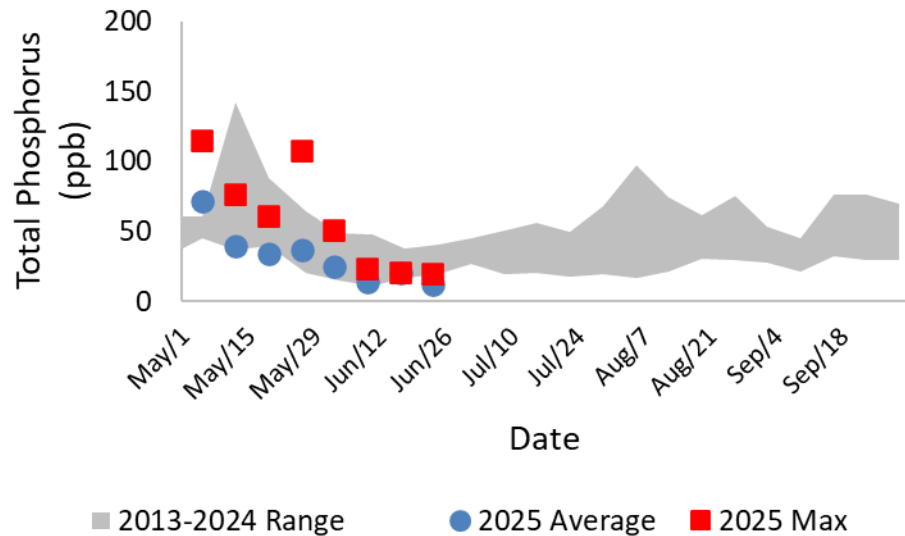
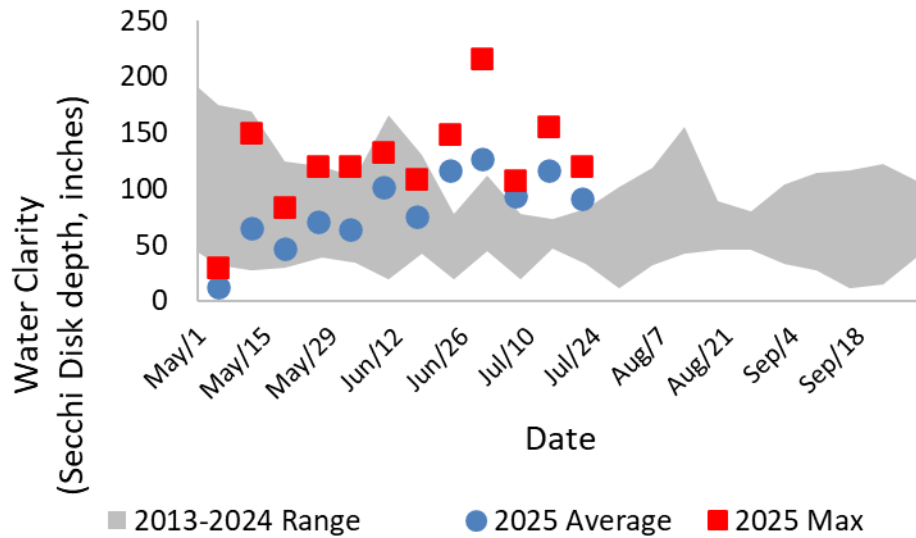


## Charter boat sampling 2025

- The range of weekly averages for the western basin 2013-2024 is shown in gray. The 2025 weekly average is a blue circle, and the highest value recorded that week in 2025 is a red square.
- Total algae levels in the captains' samples increased last week, but diatoms and green algae make up the majority of the algae community.
- Cyanobacteria have only been detected in Maumee Bay at low levels (< 4 ppb).
- Temperatures in early June were cooler than normal, but then rapidly increased to warmer than normal by late June and stayed hot throughout July.



## Charter boat sampling 2025



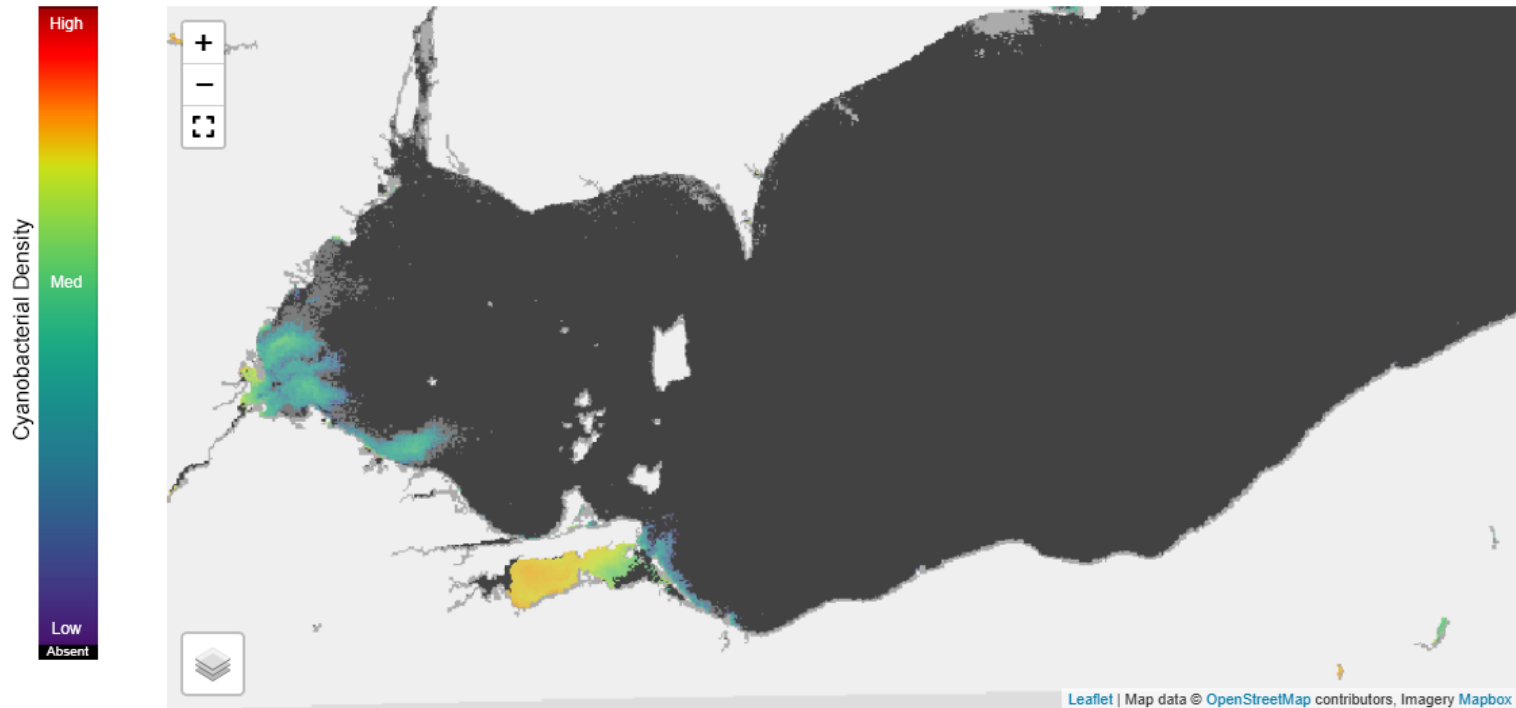
- The western basin still has extremely clear water.
- Water clarity improved throughout May and June, due to very low algae levels and a high number of zooplankton eating the algae.
- The Secchi disk depths measured by the captains in late June and July were deeper than they have recorded.
- The cool water, lower phosphorus levels, and high zooplankton allowed for very clear water and low algae.
- As of July 21, the captains have collected 67 samples. Thank you for your help.



# NOAA satellite image shows a bloom starting in Maumee Bay and a bloom remains in Sandusky Bay

## Lake Erie Satellite Imagery

Current Lake Erie Sentinel-3 a and b Composited Satellite Imagery from the Ocean and Land Color Imager (OLCI) as of 2025-07-23 showing bloom location and extent.



# Captains' locations

