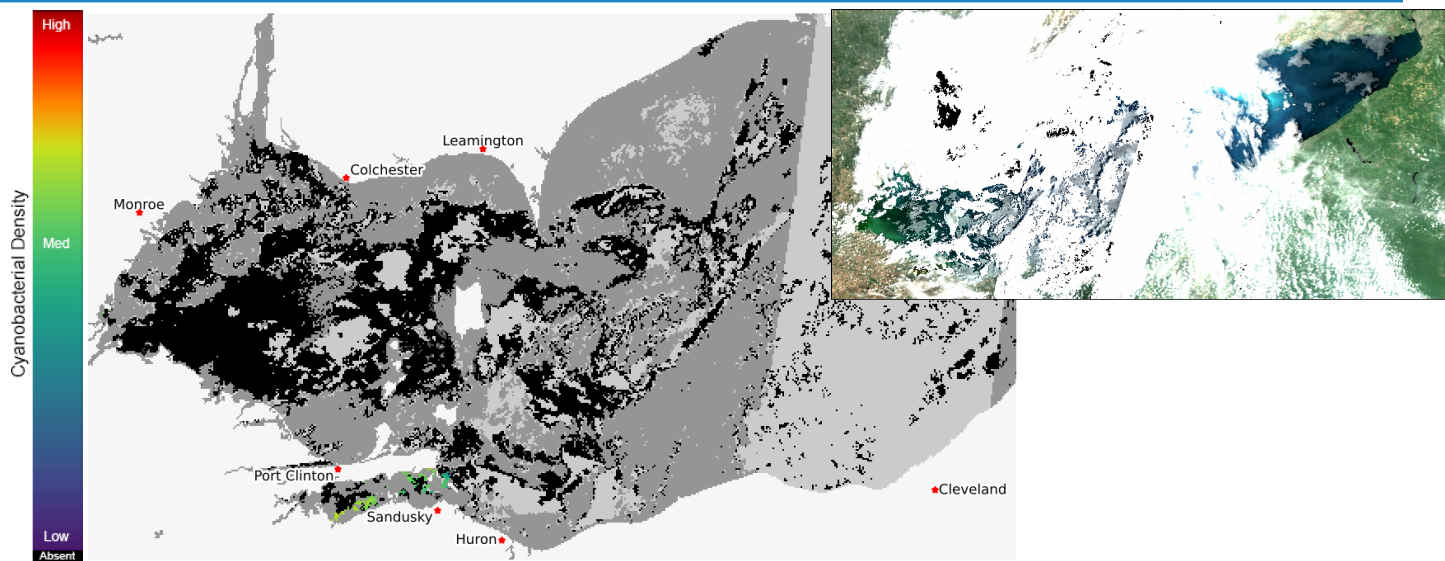


Lake Erie Harmful Algal Bloom Forecast

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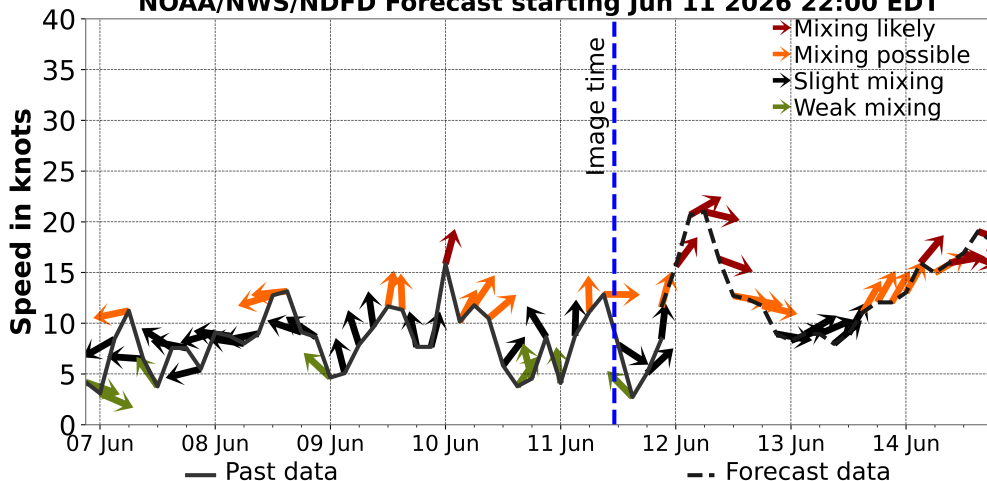
Summary

The 2026 seasonal forecast for the cyanobacteria HAB in Lake Erie will be issued June 25th. The 2026 early season projections are now available and will be issued weekly until mid-June. The current bulletin can be found by [clicking here](#). We will update the Observed and Forecasted Bloom Position when cyanobacteria is detectable. For recent satellite images of western Lake Erie, check [the western Lake Erie HAB Monitoring Page](#). Weekly high resolution imagery of Maumee bay can also be found at [the Demonstration Great Lakes \(20m\) HAB Monitoring Page](#). --NCCOS HAB Forecasting Team, 13 May 2026
The past few days of imagery can be seen at [the HAB monitoring site](#). The Lake Erie Forecast is operated by the National Centers for Coastal Ocean Science. Contact hab@noaa.gov for technical Questions. Last Updated: 2026-06-11 09 PM EST



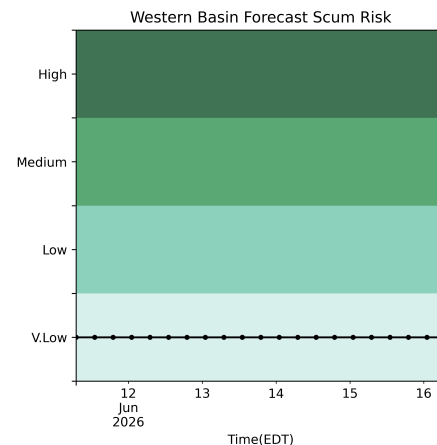
Current Lake Erie Sentinel-3 satellite imagery from the Ocean and Land Color Imager (OLCI) on Jun 11, 2026, showing bloom location and extent in the western basin. Grey indicates clouds or missing data. The estimated threshold of cyanobacteria detection is 20,000 cells/mL. Inset shows an enhanced truecolor image of the entire lake. Data derived from Copernicus Sentinel-3.

ndbc.noaa.gov Winds at Erie Islands, OH
NOAA/NWS/NDFD Forecast starting Jun 11 2026 22:00 EDT



Wind speed and direction from Erielslands, OH. Blooms mix through water column at wind speeds > 15 knots.

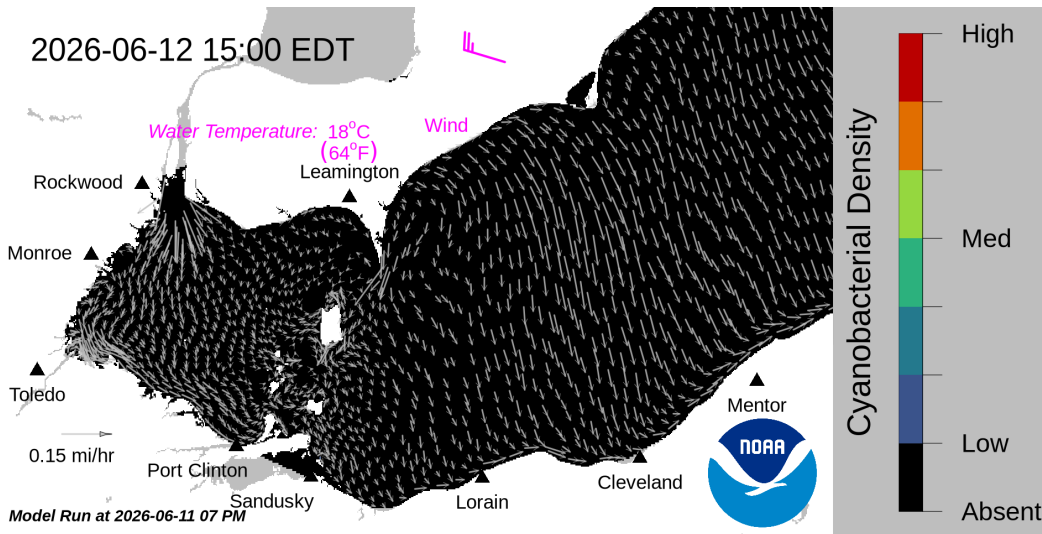
For more information visit: coastalscience.noaa.gov/science-areas/habs/hab-forecasts/lake-erie/



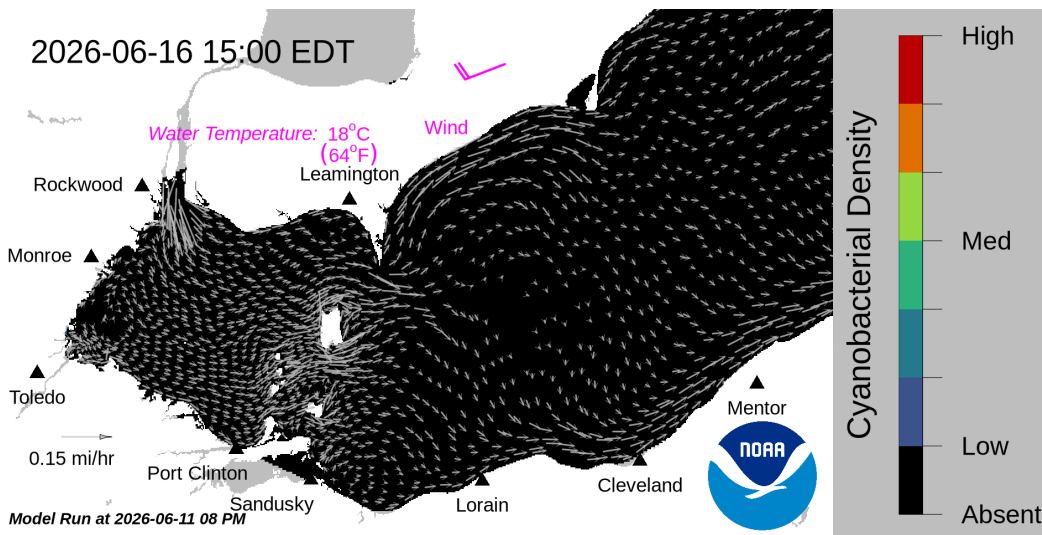
Where the bloom is present in western Lake Erie, the potential risk of scum.

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Forecast surface bloom position for Jun 12, modeled from the last satellite image with water currents estimated from the Lake Erie Operational Forecast System (LEOFS). Potential for bloom movement is forecast in 3-dimensions with a hydrodynamic model using satellite imagery and currents. The modeled output does not contain clouds. Black indicates the absence of chlorophyll and gray indicates area with no data. The arrows show forecasted currents. Water temperature and winds (in magenta) are the averages for the western basin from the model.



Forecast surface bloom position for Jun 16. Black indicates the absence of chlorophyll and gray indicates area with no data. The arrows show forecasted currents. Water temperature and winds (in magenta) are the averages for the western basin from the model.

Additional resources:

- [Archived Lake Erie Forecasts](#)
- [More information](#)
- [FAQs](#)
- [Contributors and Data Providers](#)
- [Lake Erie HAB Forecast Guide](#)

For more information visit: coastalscience.noaa.gov/science-areas/habs/hab-forecasts/lake-erie/