



Lake Erie Harmful Algal Bloom Bulletin

03 July, 2017, Bulletin 01

There are currently no cyanobacterial blooms reported in Lake Erie. However, a persistent bloom in Sandusky Bay is present. The next bulletin will be sent when a bloom develops in Lake Erie. When a bloom is present, the bulletin is sent twice weekly on Monday and Thursday, except in the event that weather and bloom conditions warrant distribution on other days in which case a notice to that effect will be sent to bulletin subscribers.

NOAA's GLERL provides additional HAB data: https://www.glerl.noaa.gov/res/HABs_and_Hypoxia.

-Keeney, Yang

The images below are "GeoPDF". To see the longitude and latitude under your cursor, select "Tools > Analyze > Geospatial Location Tool".

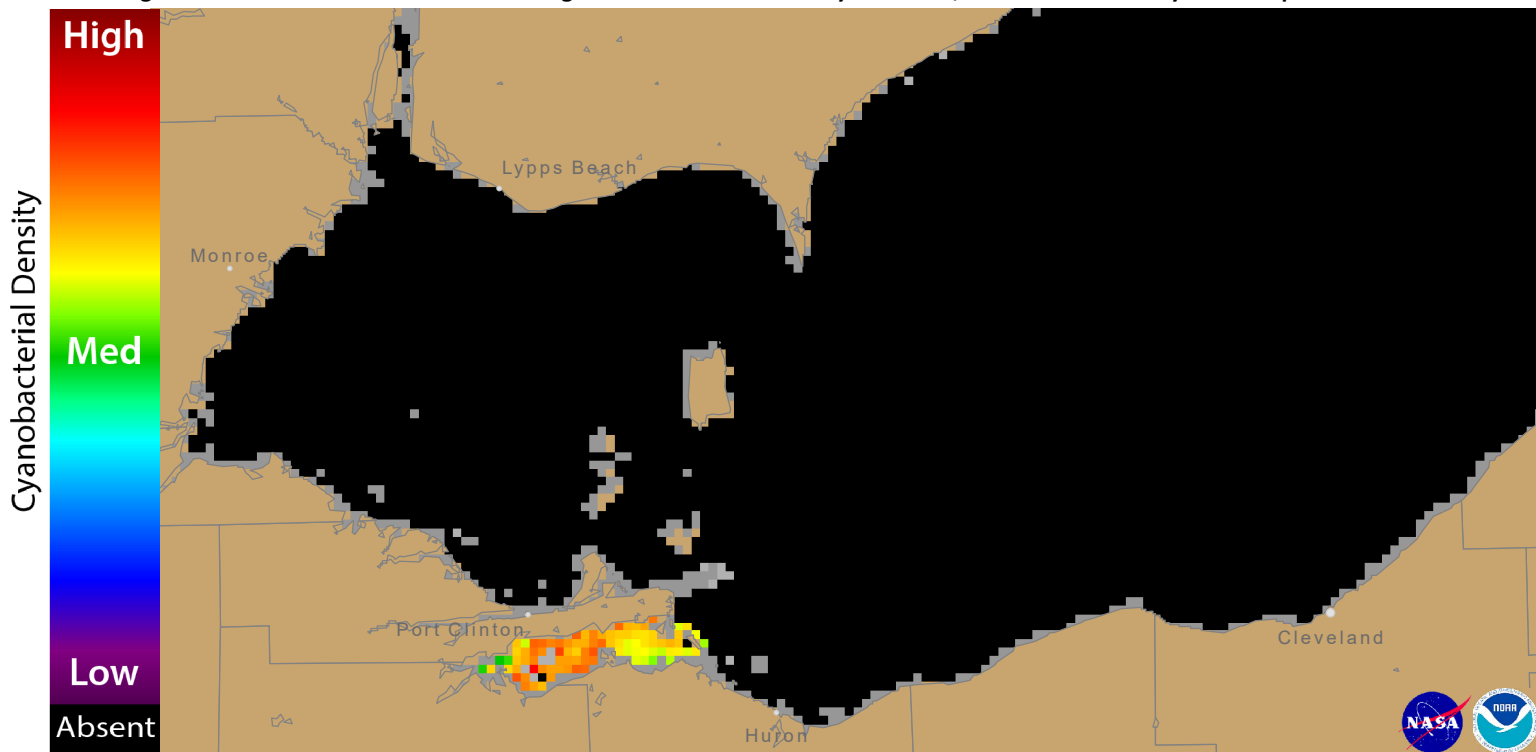
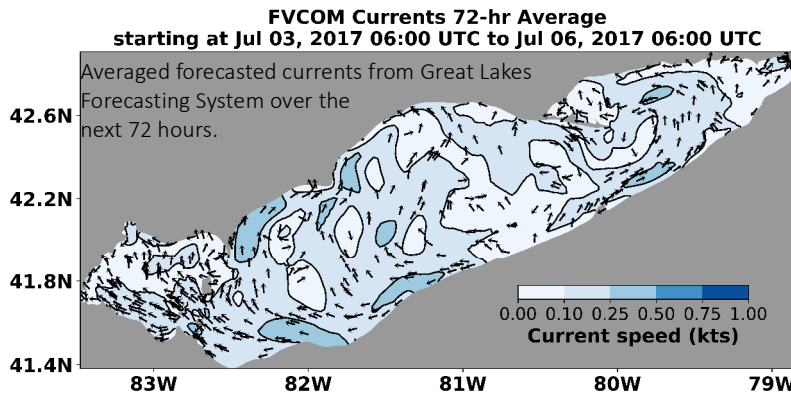
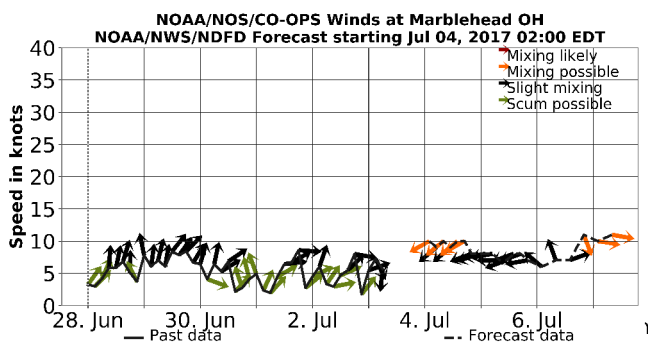


Figure 1. Cyanobacterial Index from NASA's MODIS-Terra data collected 02 July, 2017 at 12:19 EST. Grey indicates clouds or missing data. The estimated threshold for cyanobacteria detection is 20,000 cells/mL.



Wind speed and direction from Marbelhead, OH. Blooms mix through the water column at wind speeds greater than 15 knots (or 7.7 m/s).