



Experimental Lake Erie Harmful Algal Bloom Bulletin

National Centers for Coastal Ocean Science and Great Lakes Environmental Research Laboratory

11 July 2012; Bulletin 6

Imagery and field observations from earlier this week indicate high concentrations of Anabaena and some Microcystis in the central basin. Models indicate slight northwest movement over the next three days.

- Dupuy, Briggs, ynne

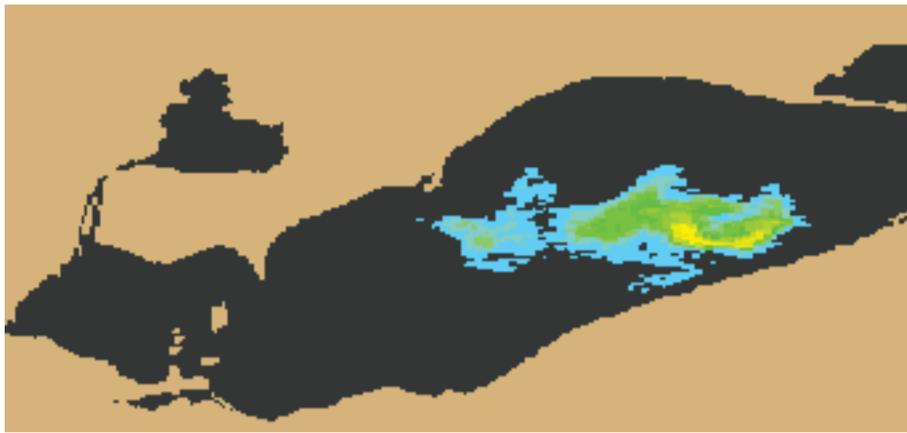


Figure 1. MODIS Cyanobacterial Index from 10 July 2012.

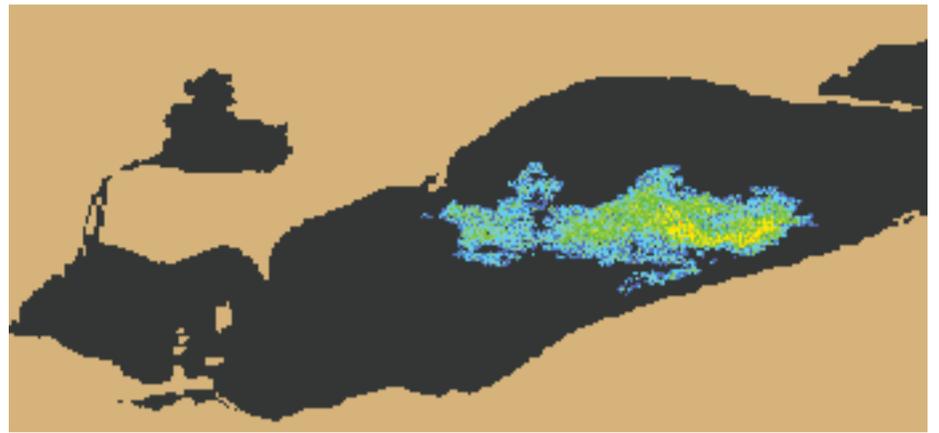


Figure 2. Nowcast position of bloom for 11 July 2012 using GLCFS modeled currents to move the bloom from the 10 July 2012 image.

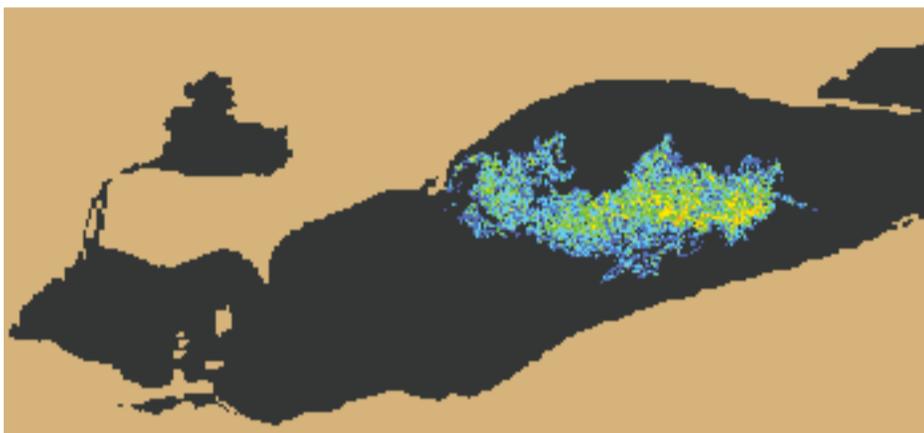
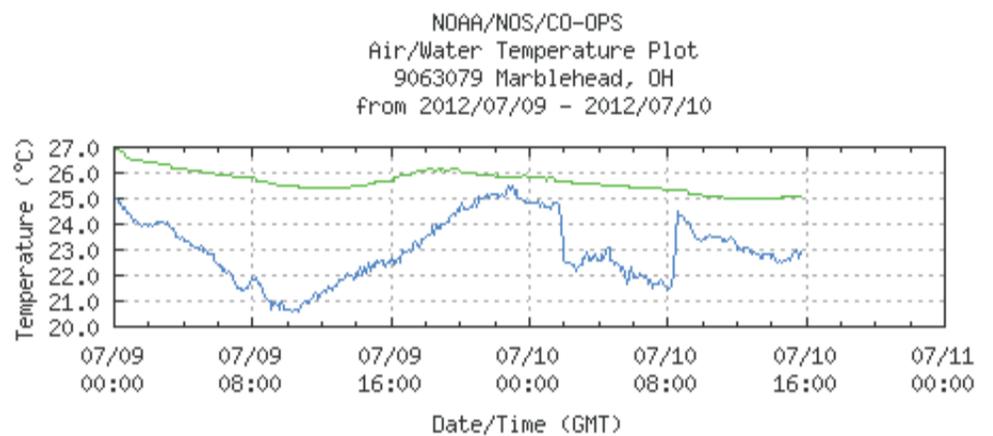
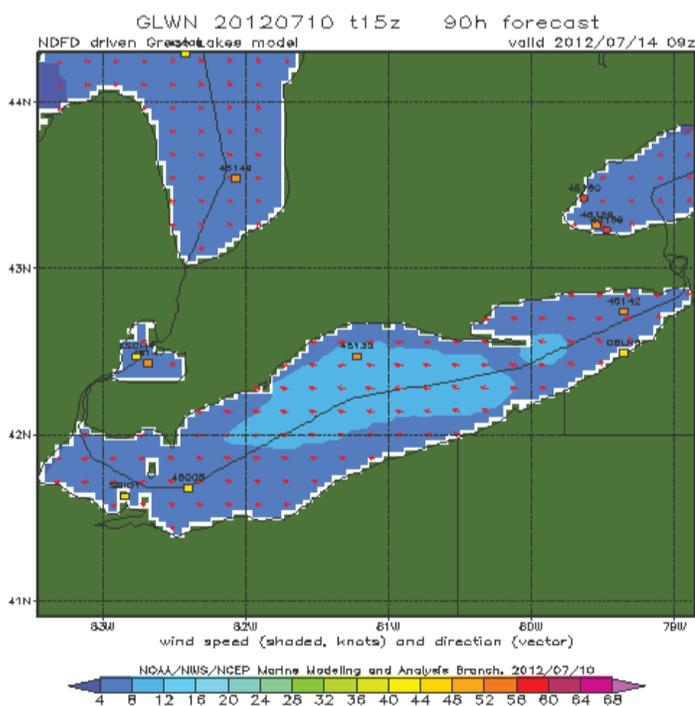


Figure 3. Forecast position of bloom for 14 July 2012 using GLCFS modeled currents to move the bloom from the 10 July 2012 image.

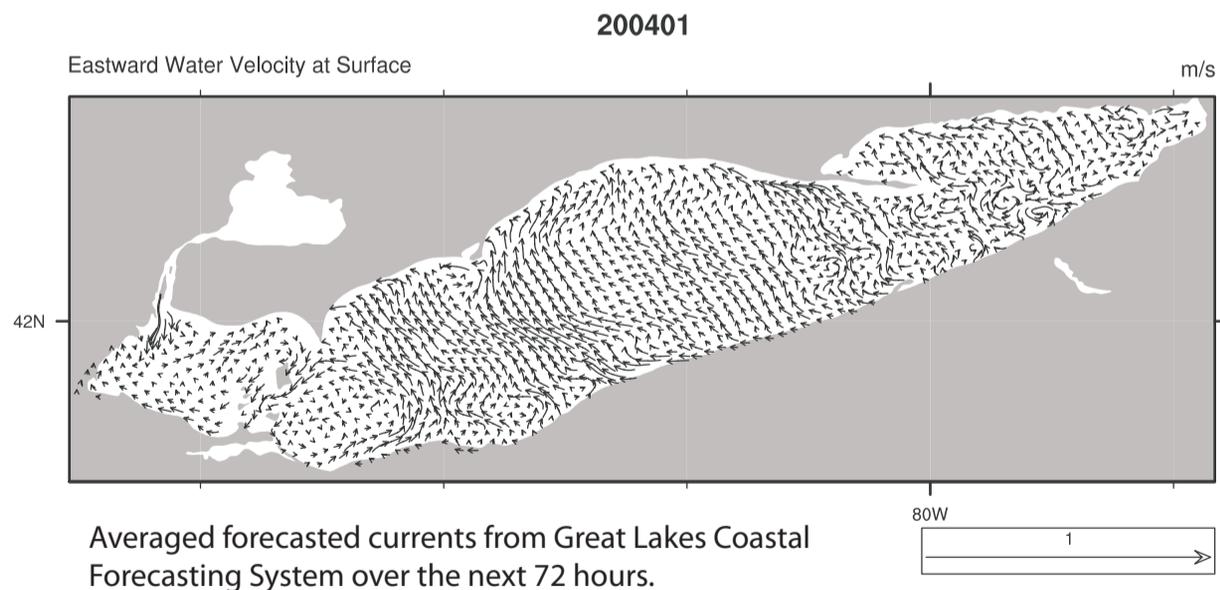


Legend: water temp. — air temp. —
Air and Water Temperature from Marblehead, OH. From: NOAA/Center for Operational Oceanographic Products and Services (CO-OPS).

To subscribe to this bulletin, go to:
http://www.glerl.noaa.gov/res/Centers/HABS/lake_erie_hab/signup.php



NDFD forecast wind conditions from 10 July 2012.
From: NOAA/National Centers for Environmental Prediction (NCEP)



Averaged forecasted currents from Great Lakes Coastal Forecasting System over the next 72 hours.

To subscribe to this bulletin, go to:
http://www.glerl.noaa.gov/res/Centers/HABS/lake_erie_hab/signup.php