



Experimental Lake Erie Harmful Algal Bloom Bulletin

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

27 August 2012; Bulletin 13

In Maumee Bay, U.Toledo reports that *Anabaena* has replaced *Microcystis*. The imagery shows the bloom has weakened in the lake and slightly intensified in Maumee Bay since last week's bulletin. The model forecasts for a S SE movement.

- Dupuy, Wynne, Briggs

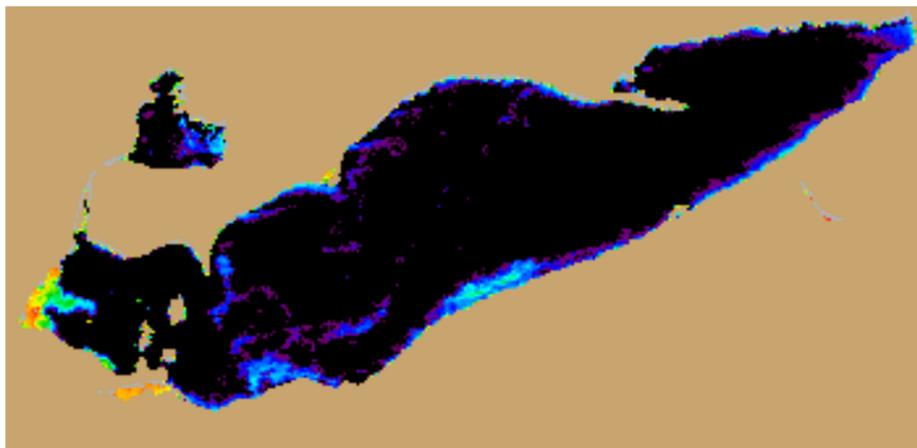


Figure 1. MODIS Cyanobacterial Index from 24 August 2012.

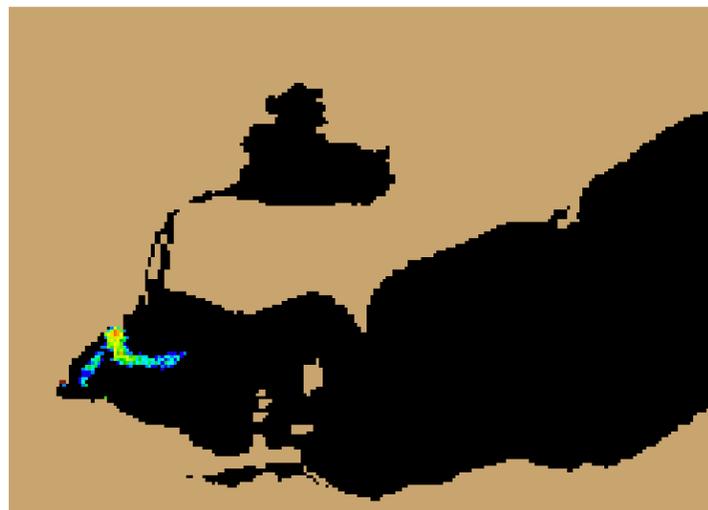


Figure 2. Nowcast position of bloom for 27 August 2012 using GLCFS modeled currents to move the bloom from the 24 August 2012 image.

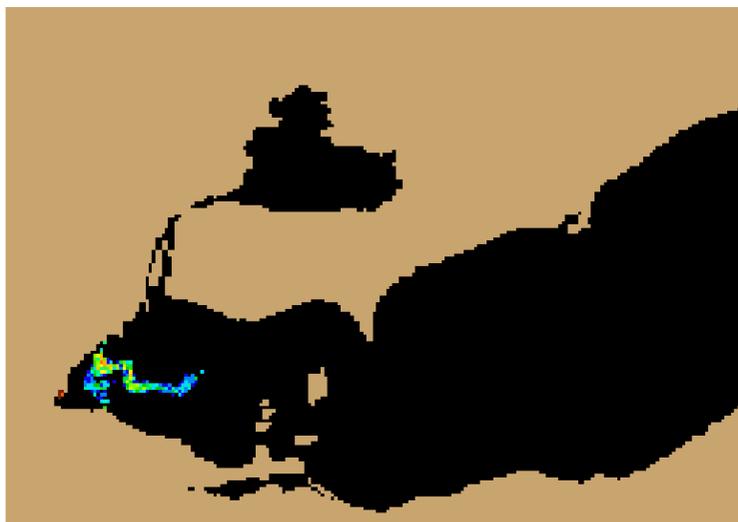
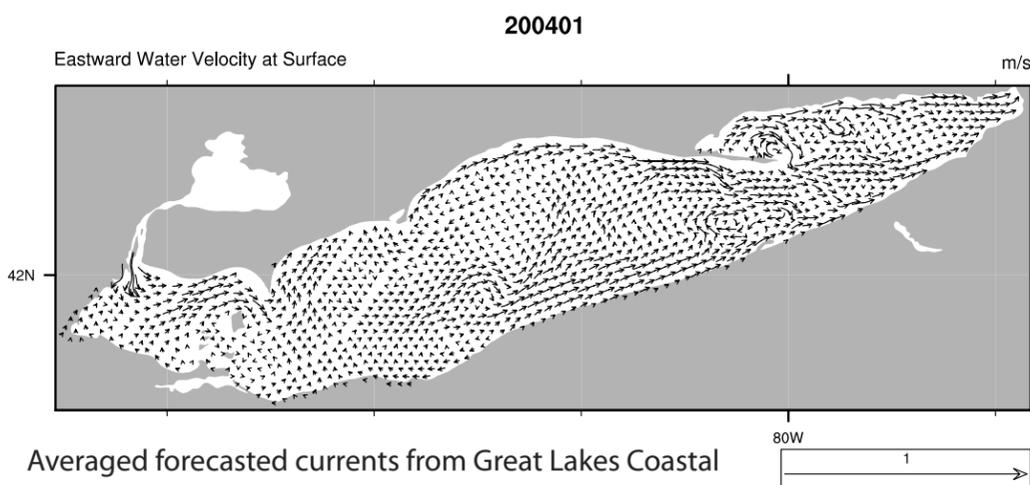


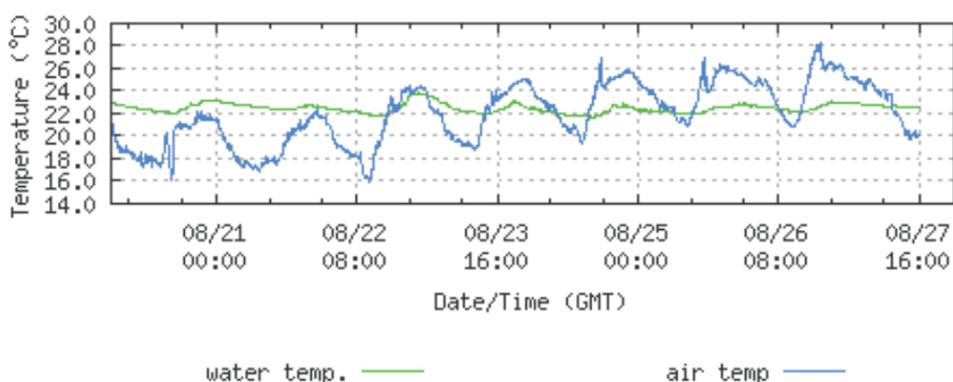
Figure 3. Forecast position of bloom for 30 August 2012 using GLCFS modeled currents to move the bloom from the 24 August 2012 image.



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

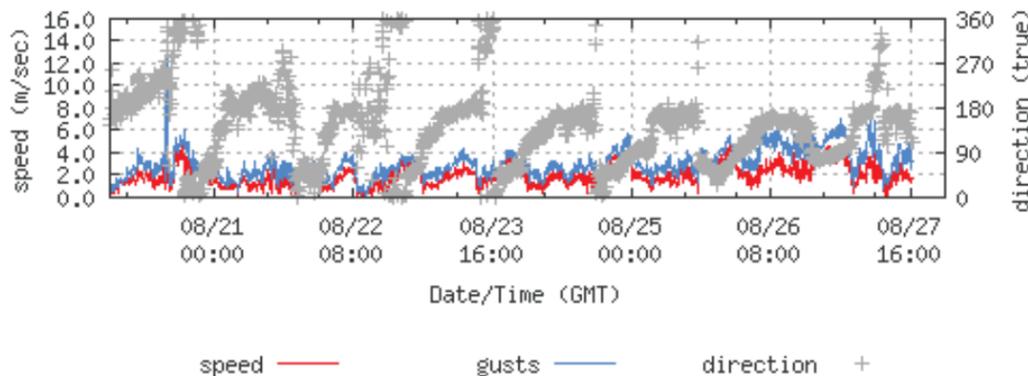
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NOAA/NOS/CO-OPS
 Air/Water Temperature Plot
 9063079 Marblehead, OH
 from 2012/08/20 - 2012/08/27



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

NOAA/NOS/CO-OPS
 Wind Speed/Gusts/Dir
 9063079 Marblehead, OH
 from 2012/08/20 - 2012/08/27



Wind Speed, Gusts and Direction from Marblehead, OH. From: NOAA/Center for Operational Oceanographic Products and Services (CO-OPS).

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