



Experimental Lake Erie Harmful Algal Bloom Bulletin

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

5 September 2012; Bulletin 14

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

- Dupuy, Wynne, Briggs

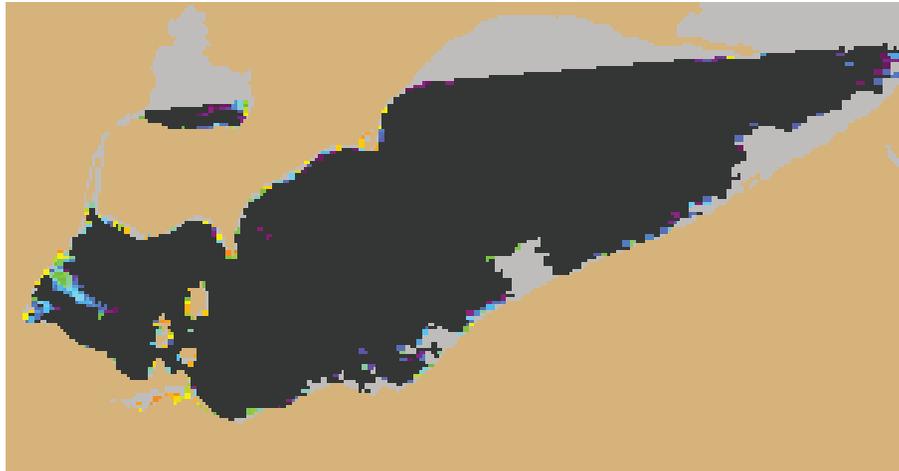


Figure 1. MODIS Cyanobacterial Index from 3 September 2012.

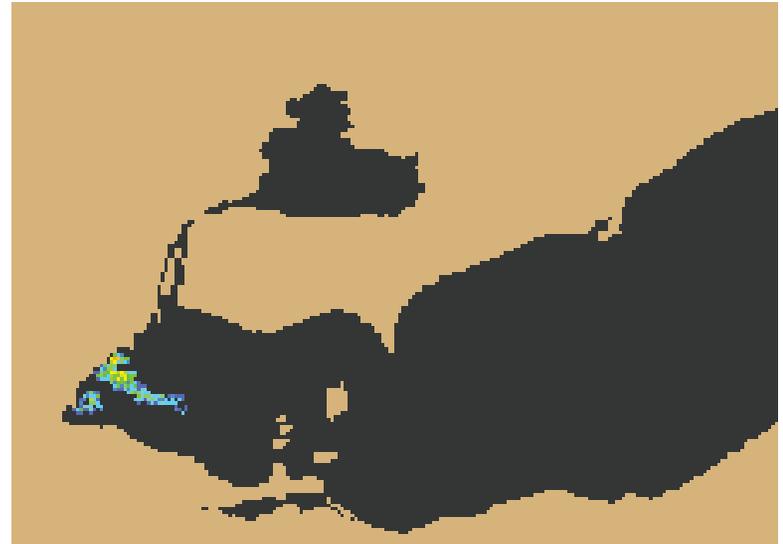
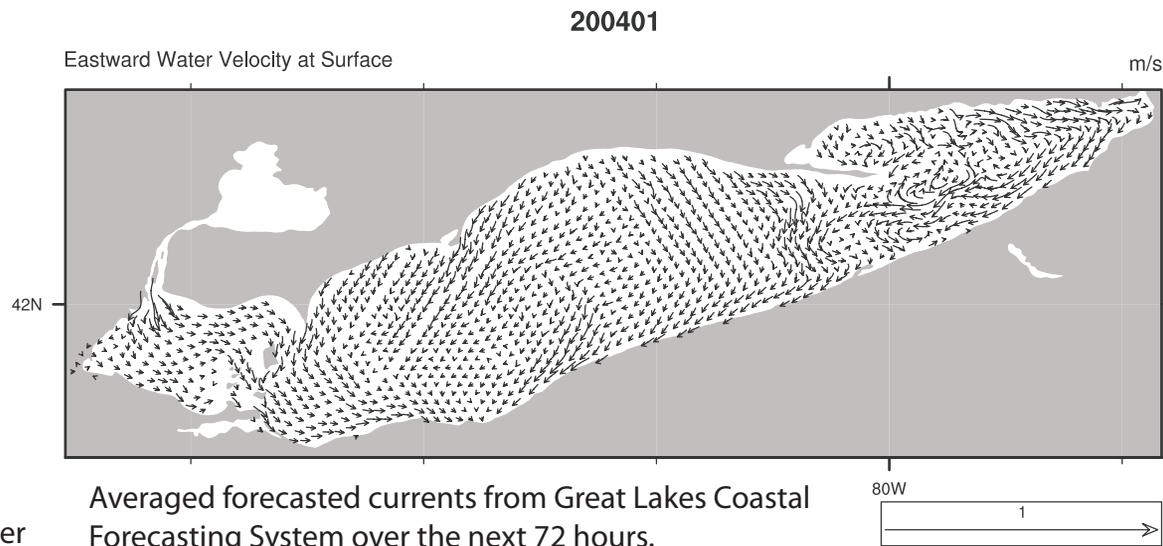


Figure 2. Nowcast position of bloom for 5 September 2012 using GLCFS modeled currents to move the bloom from the 3 September 2012 image.



Figure 3. Forecast position of bloom for 8 September 2012 using GLCFS modeled currents to move the bloom from the 3 September 2012 image.

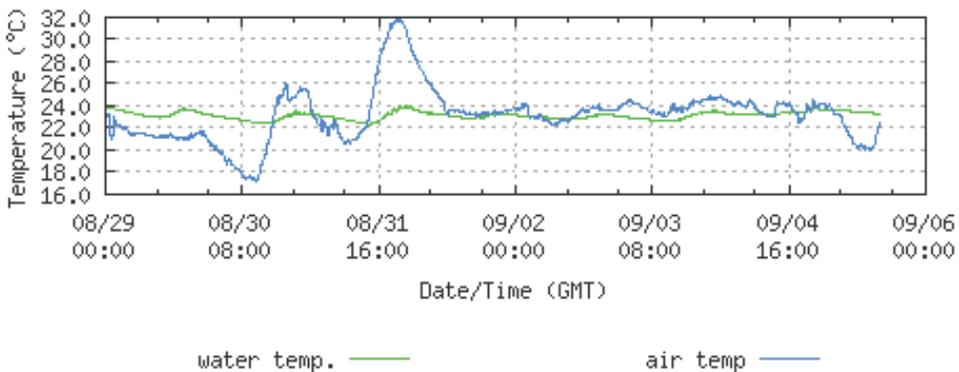


Averaged forecasted currents from Great Lakes Coastal Forecasting System over the next 72 hours.

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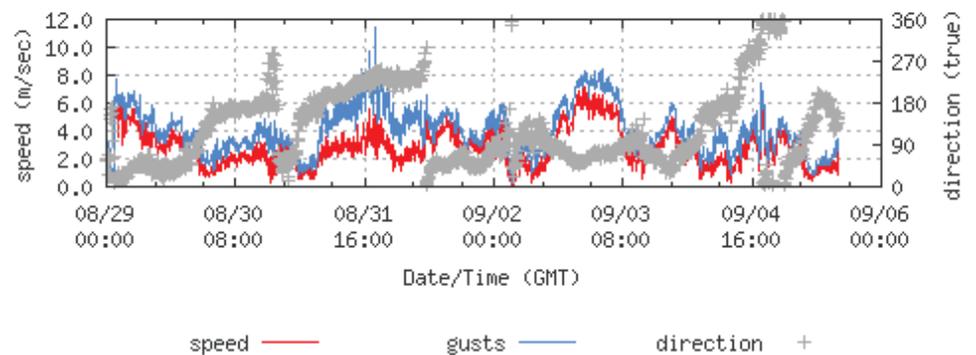
http://www.glerl.noaa.gov/res/Centers/HABS/lake_erie_hab/signup.php

NOAA/NOS/CO-OPS
Air/Water Temperature Plot
9063079 Marblehead, OH
from 2012/08/29 - 2012/09/05



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 2012/08/29 - 2012/09/05



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

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