



Experimental Lake Erie Harmful Algal Bloom Bulletin

2011-005

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National Ocean Service

Great Lakes Environmental Research Laboratory

Last bulletin: 30 June 2011



Figure 1. MERIS image from the European Space Agency. Imagery shows the spectral shape at 681 nm from July 03, where colored pixels indicate the likelihood of the last known position of the *Microcystis* spp. bloom (with red being the highest concentration). *Microcystis* spp. abundance data from shown as white squares (very high), circles (high), diamonds (medium), triangles (low) , + (very low) and X (not present).

Conditions: There are no harmful algal blooms reported at this time. No impacts are expected.

Analysis: There have been no reports of a *Microcystis* bloom at this time. Water temperatures and forecasted winds are conducive for a cyanobacterial bloom. No new imagery is available since the last bulletin issued on 6/30/2011. The image above does not represent water conditions in the lake.

-Neff, Briggs

Please note:

- MERIS imagery was distributed by the NOAA CoastWatch Program and provided by the European Space Agency
- http://www.glerl.noaa.gov/res/Centers/HABS/lake_erie_hab/lake_erie_hab.html
- Cell counts were collected by the Great Lakes Environmental Research Laboratory
- The wind data is available through the National Data Buoy Center and the National Weather Service
- Modeled currents were provided through the Great Lakes Coastal Forecasting System

