



Experimental Lake Erie Harmful Algal Bloom Bulletin

2011-022

01 November 2011

National Ocean Service

Great Lakes Environmental Research Laboratory

Last bulletin: 27 October 2011

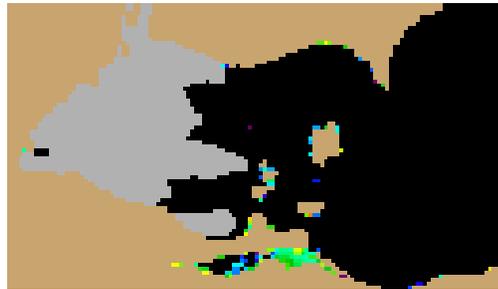


Figure 1. MERIS image from the European Space Agency. Imagery shows the spectral shape at 681 nm from October 30, where colored pixels indicate the likelihood of the last known position of the *Microcystis* spp. bloom (with red being the highest concentration). *Microcystis* spp. abundance data from shown as white squares (very high), circles (high), diamonds (medium), triangles (low), + (very low) and X (not present). Please note: Colored pixels in Sandusky Bay are due to a mixed bloom dominated by *Planktothrix* spp.

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

Analysis: This is the final bulletin of the 2011 season. The *Microcystis* bloom in Lake Erie has subsided. There are no further cyanobacterial features expected to develop this year. Water temperatures are low and are forecast to continually decrease.

-Briggs, Tomlinson

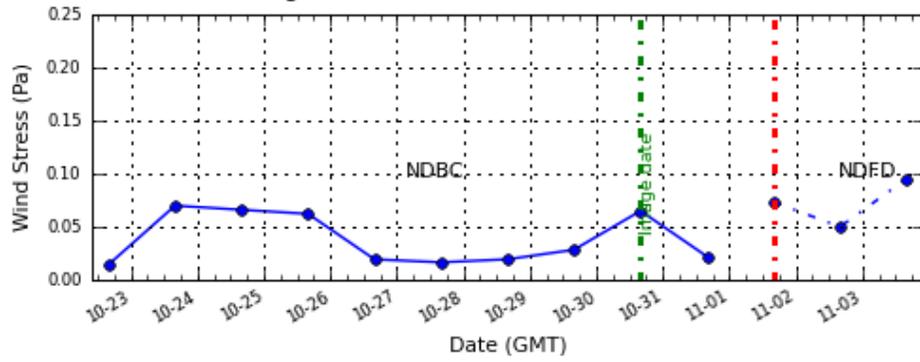
Archived Lake Erie HAB Forecast Bulletins are located at (CEGLHH):

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

Please note:

- MERIS imagery was distributed by the NOAA CoastWatch Program and provided by the European Space Agency
- 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

Average wind stress at SBIO1 - South Bass Island



Average water temperature at 45005 - W Erie 28NM Northwest of Clevelan

