



# Gulf of Mexico Harmful Algal Bloom Bulletin

19 June 2007

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: June 12, 2007

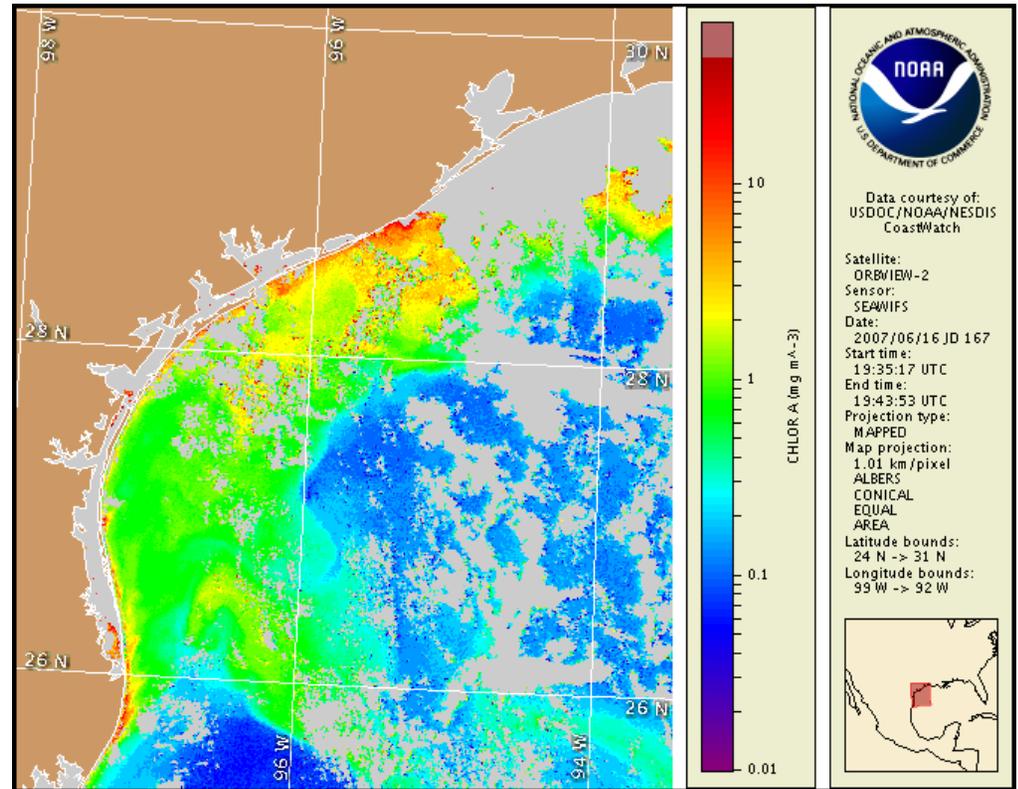
## Conditions Report

There have been no recent reports of red tide. No impacts are expected in Texas.

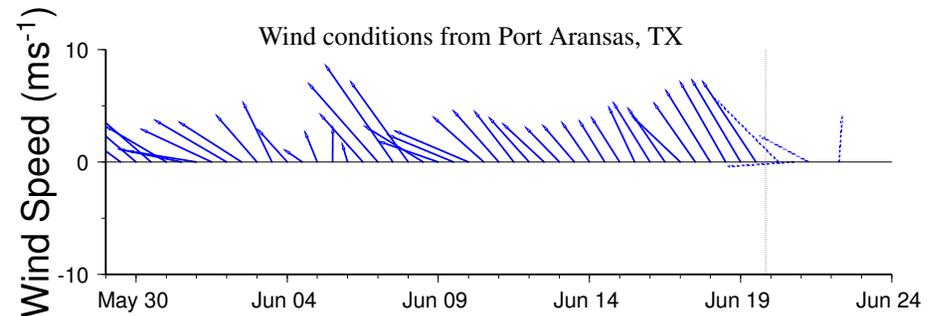
## Analysis

There have been no recent reports of red tide. No impacts are expected along the Texas coast. The high chlorophyll feature offshore most likely represents Mississippi River Plume water or a bloom of non-harmful algae. Cloudy imagery makes it difficult to determine.

-Lopez, Jewett



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from June 11-18 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide: [http://www.csc.noaa.gov/crs/habf/habfs\\_bulletin\\_guide.pdf](http://www.csc.noaa.gov/crs/habf/habfs_bulletin_guide.pdf)

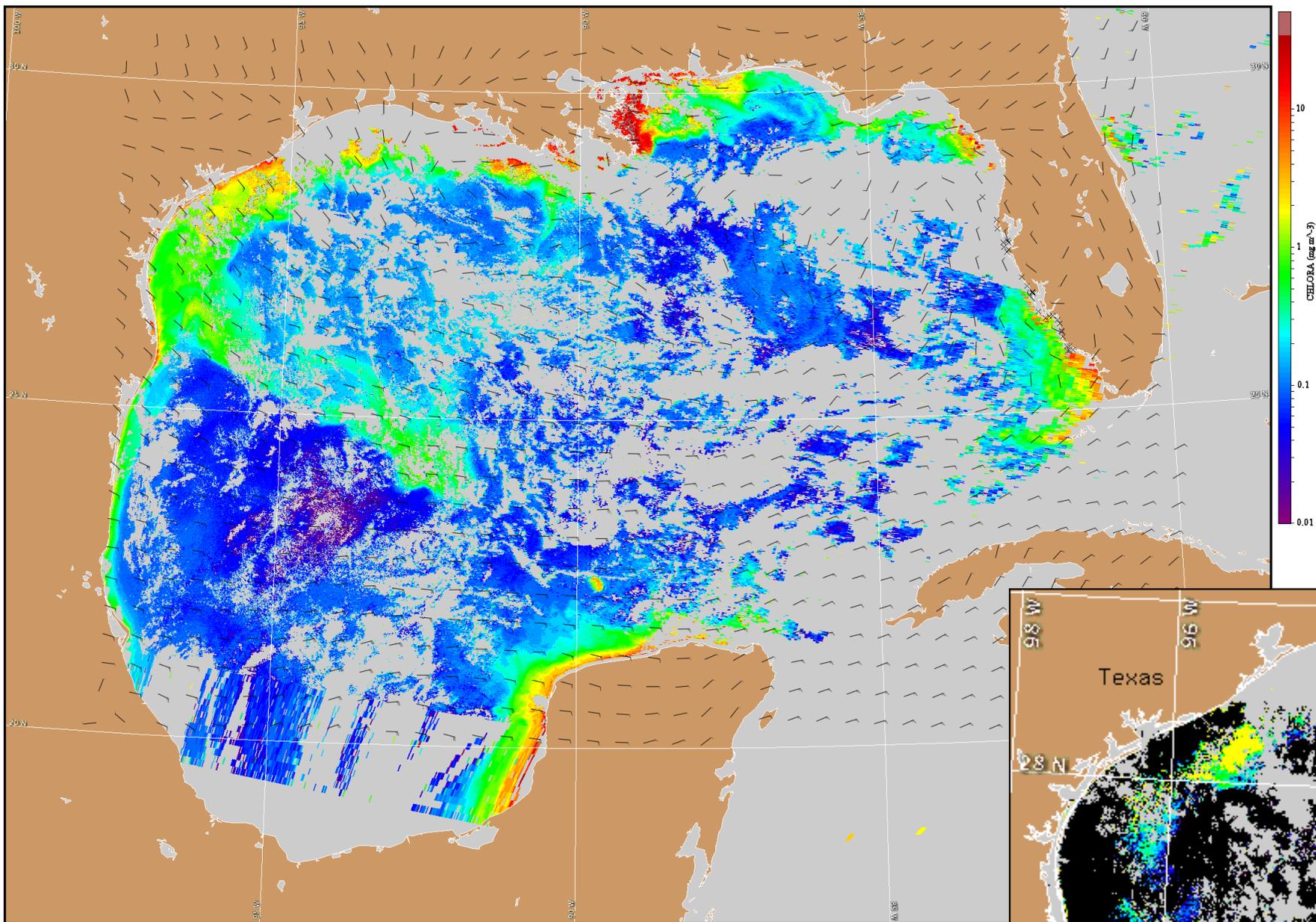


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

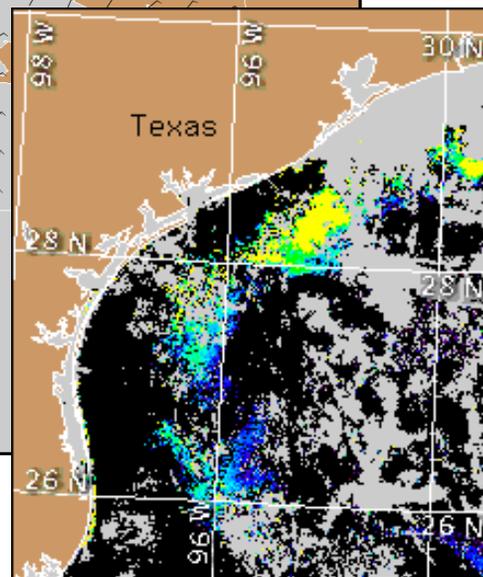
Today and tomorrow, southeast winds around 15 knots. Thursday, winds will decrease to around 5-10 knots.

Please note the following restrictions on all SeaWiFS imagery derived from CoastWatch.

1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive GeoEye approval via the CoastWatch Program.



Satellite chlorophyll image and forecast winds for June 20, 2007 06Z with cell concentration sampling data from June 11-18 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide: [http://www.csc.noaa.gov/crs/habf/habfs\\_bulletin\\_guide.pdf](http://www.csc.noaa.gov/crs/habf/habfs_bulletin_guide.pdf)



Verified and suspected HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).