



## Gulf of Mexico Harmful Algal Bloom Bulletin

13 November 2007

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: November 6, 2007

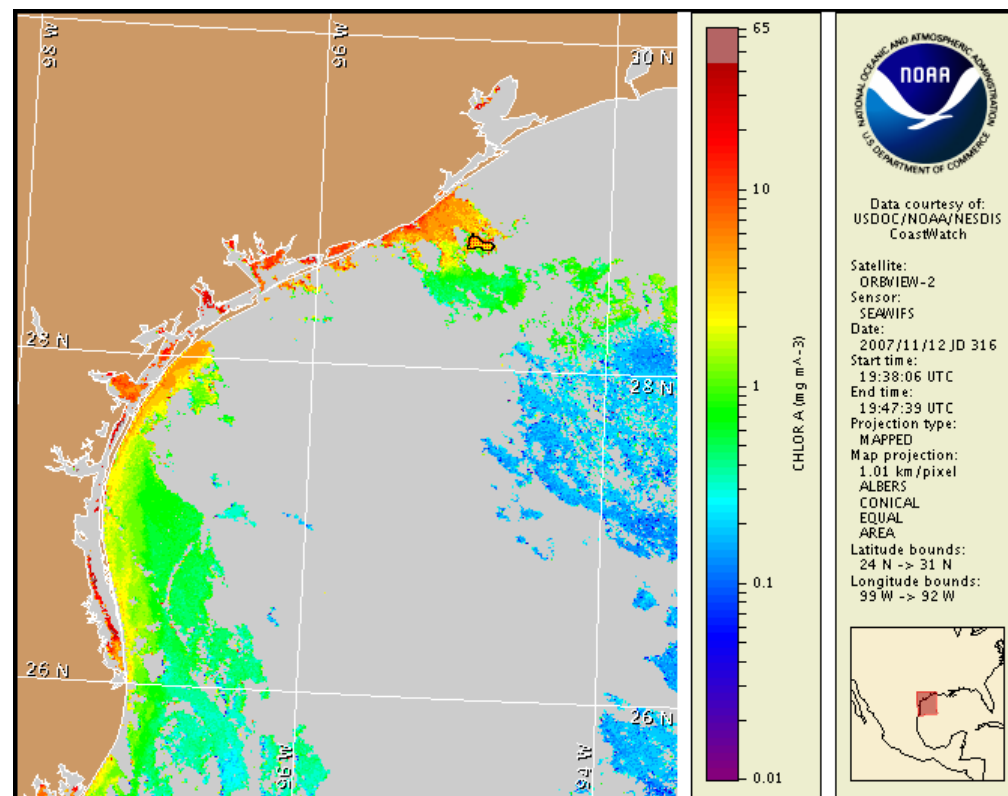
### Conditions Report

There have been no recent reports of red tide. No impacts are expected along the Texas coast.

### Analysis

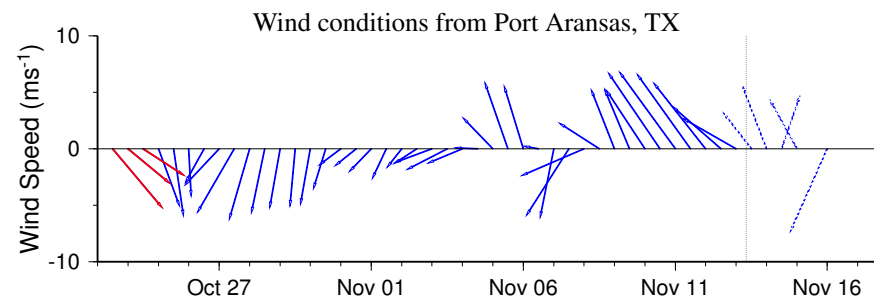
Cloudy imagery over the past week has made analysis impossible. There have been no recent reports of red tide. Due to strong southwesterly winds over the past week, and expected to continue through this week, resuspension is likely. This may lead to increased turbidity and/or high chlorophyll.

-Tomlinson



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from November 3 to 8 shown as red (high), orange (medium), yellow (low b), brown (low a), blue (very low b), purple (very low a), pink (present), and green (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)

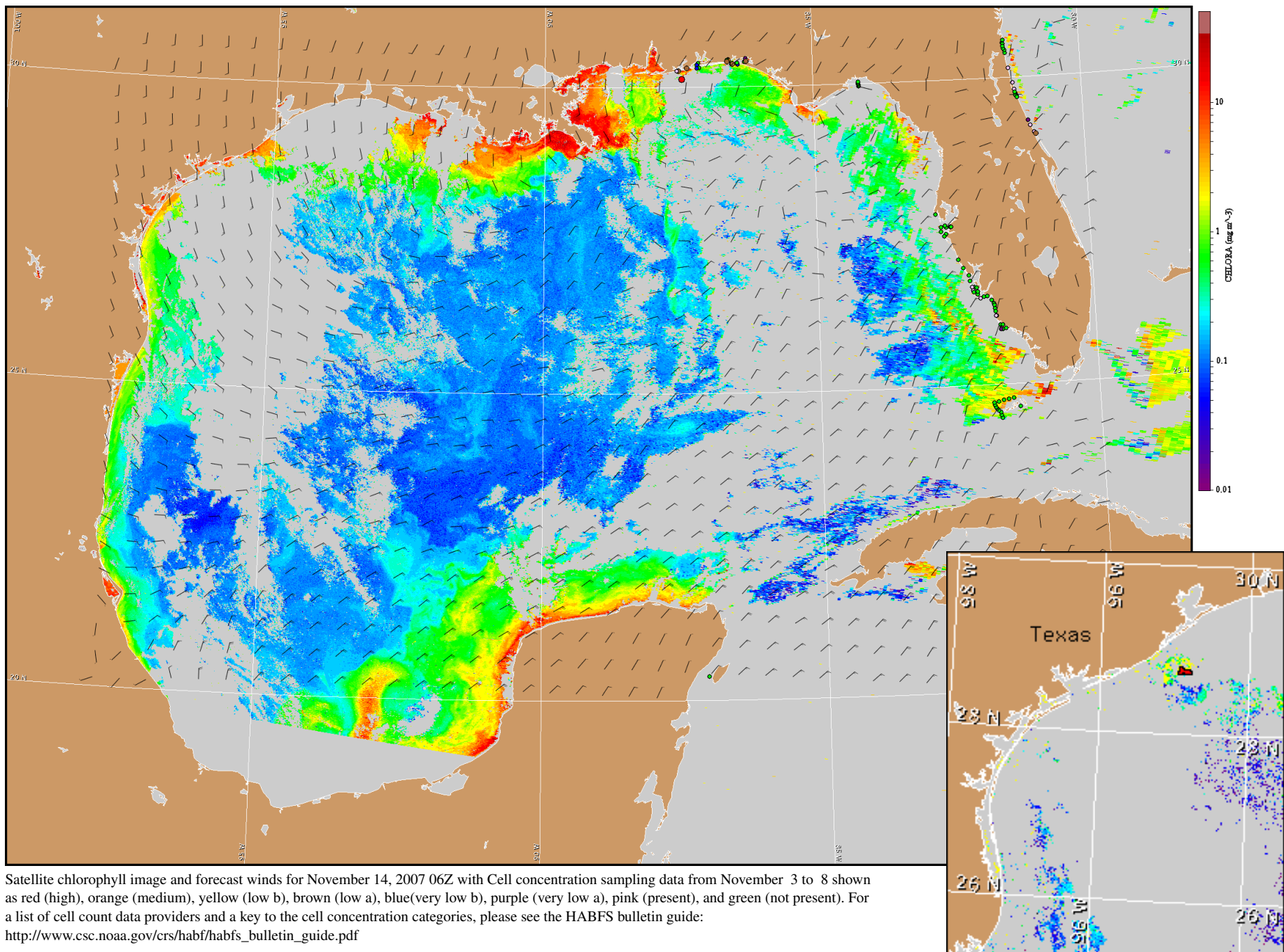


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

Strong (10-20 knots) south to southeasterly winds continue since last week and are expected to continue through Wednesday

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 November 14, 2007 06Z with Cell concentration sampling data from November 3 to 8 shown as red (high), orange (medium), yellow (low b), brown (low a), blue(very low b), purple (very low a), pink (present), and green (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).