



Gulf of Mexico Harmful Algal Bloom Bulletin

19 December 2006

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: November 8, 2006

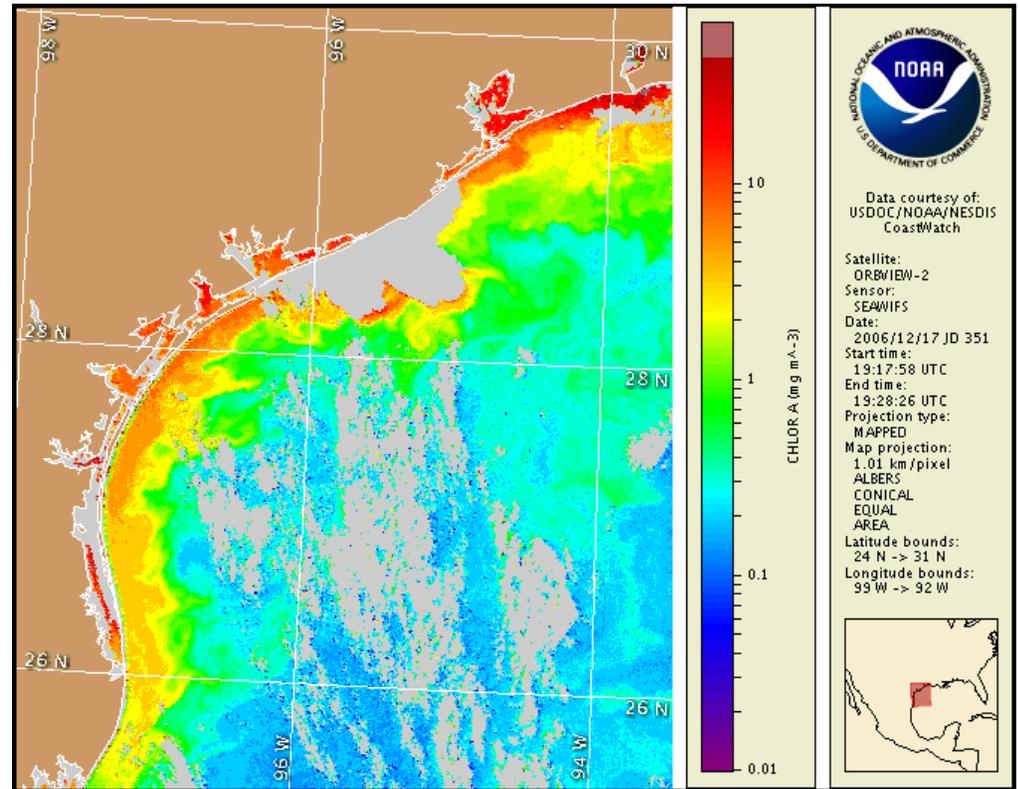
Conditions Report

There have been no reports of red tide in the past three weeks. No impacts are expected in Texas. Check with the Department of State Health Services for shellfish conditions.

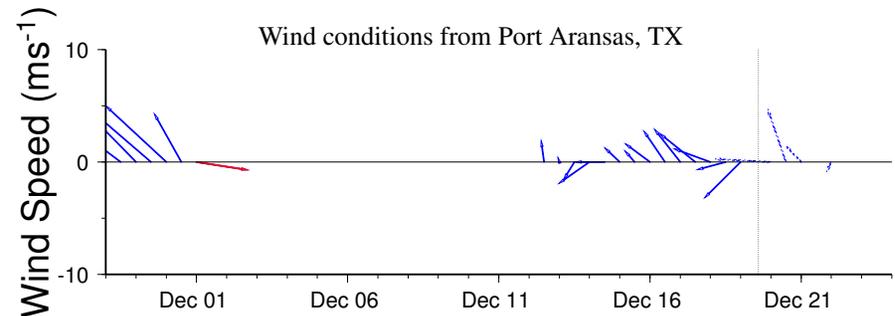
Analysis

No reports of red tide and no impacts are expected onshore along Texas coast. High chlorophyll area along shore is likely resuspension or non-harmful algal bloom.

Shapiro, Ransi



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from December 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). Cell count data from Texas Parks and Wildlife and the Department of State Health Services. For a key to the cell concentration descriptions, visit the FWRI web site: <http://research.myfwc.com>

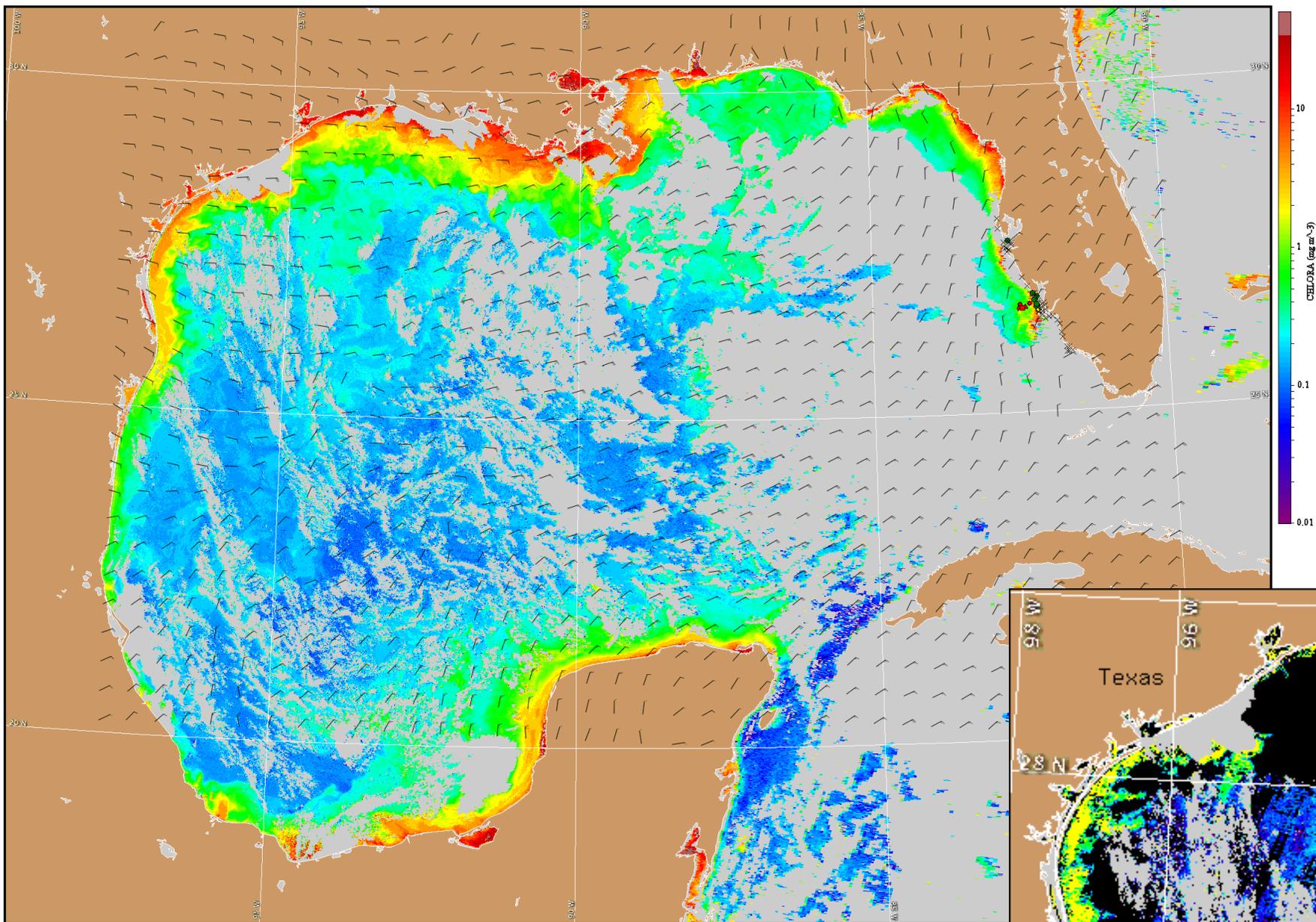


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

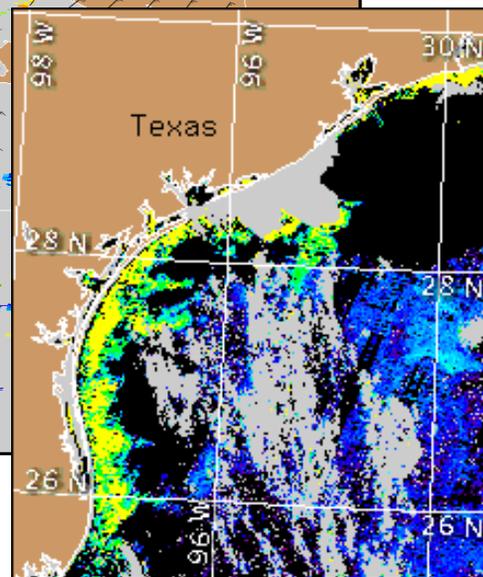
Today east winds 10 to 15 knots, becoming southeast (15 to 20 knots). On wednesday, south winds 10 to 15 knots. Thursday winds shift to north, 5 to 10 knots.

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 December 20, 2006 00Z with cell concentration sampling data from December 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). Cell count data from Texas Parks and Wildlife and the Department of State Health Services. For a key to the cell concentration descriptions, visit the FWRI web site: <http://research.myfwc.com>



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