



# Gulf of Mexico Harmful Algal Bloom Bulletin

Region: Texas

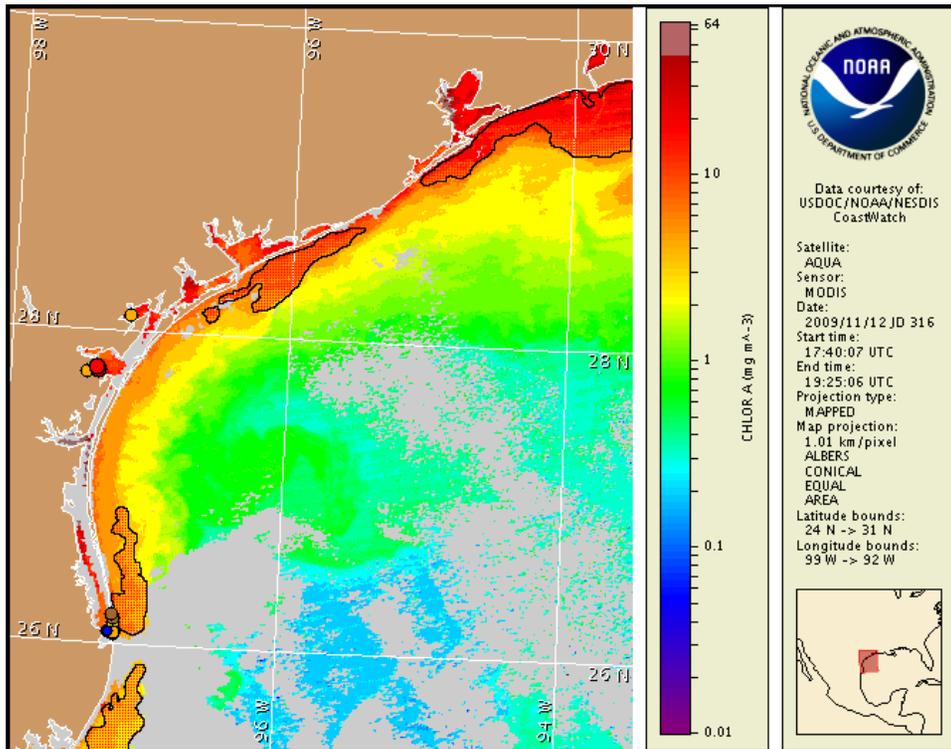
13 November 2009

NOAA Ocean Service

NOAA Satellites and Information Service

NOAA National Weather Service

Last bulletin: November 10, 2009



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from November 3 to 12 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://tidesandcurrents.noaa.gov/hab/habfs\\_bulletin\\_guide.pdf](http://tidesandcurrents.noaa.gov/hab/habfs_bulletin_guide.pdf)

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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.

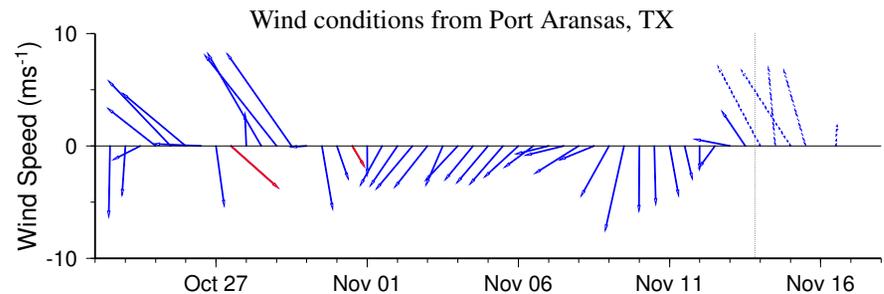
## Conditions Report

A harmful algal bloom continues from Corpus Christi Bay to South Padre Island. Moderate impacts could be experienced at Corpus Christi Bay and South Padre Island over the weekend due to onshore winds.

-- Jewett/Lopez

## Analysis

Imagery indicates a continuing high chlorophyll feature along the Texas coast. Winds have shifted back onshore which may increase impacts. Recent cell counts were at moderate levels in the South Padre Island vicinity as of Thursday. Discolored water and fish kills continue to be reported in Corpus Christi Bay and another fish kill has been reported at Port Mansfield marina. The anomaly areas shown at Galveston Bay and east are likely related to the Mississippi River and not a harmful algal bloom.

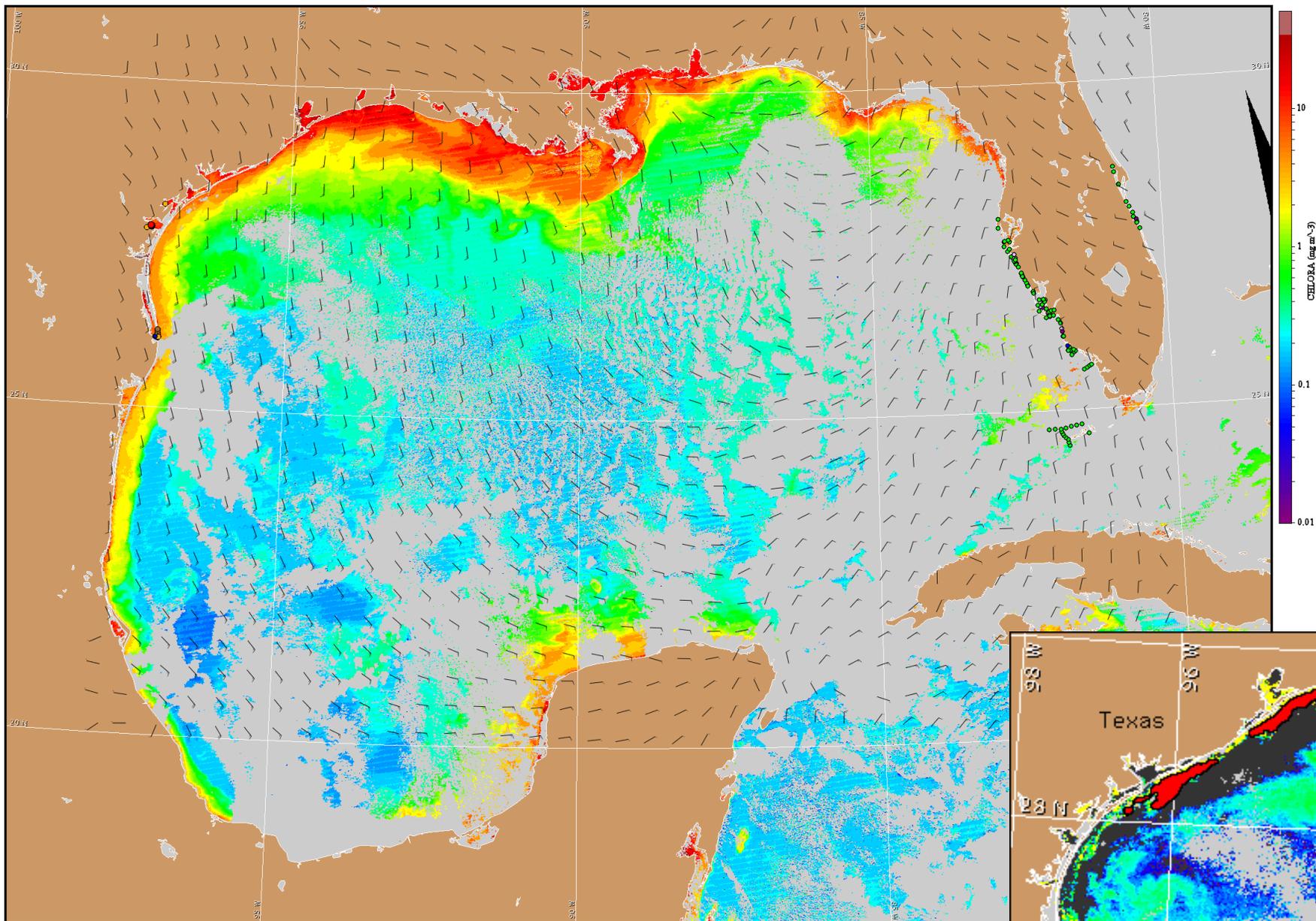


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts. Wind observation and forecast data provided by NOAA's National Weather Service (NWS).

## Wind Analysis

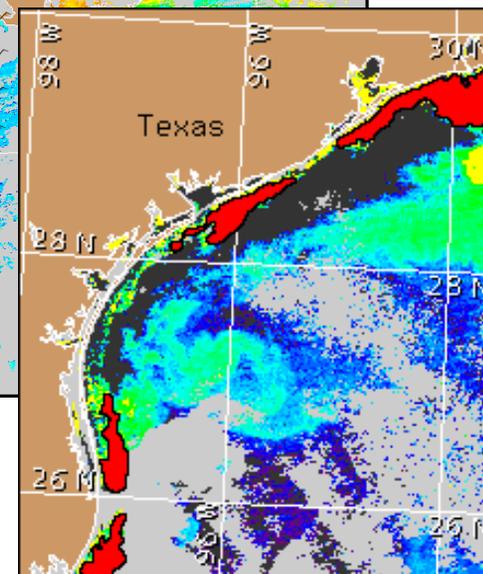
South to southeast winds 10 to 15 knots today through Sunday. Possible cold front on the way for Monday.

To see previous bulletins and forecasts for other Harmful Algal Bloom Bulletin regions, visit the NOAA CoastWatch bulletin archive: [http://coastwatch.noaa.gov/hab/bulletins\\_ns.htm](http://coastwatch.noaa.gov/hab/bulletins_ns.htm)



Satellite chlorophyll image and forecast winds for November 14, 2009 12Z with Cell concentration sampling data from November 3 to 12 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:

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