



Gulf of Mexico Harmful Algal Bloom Bulletin

Region: Texas

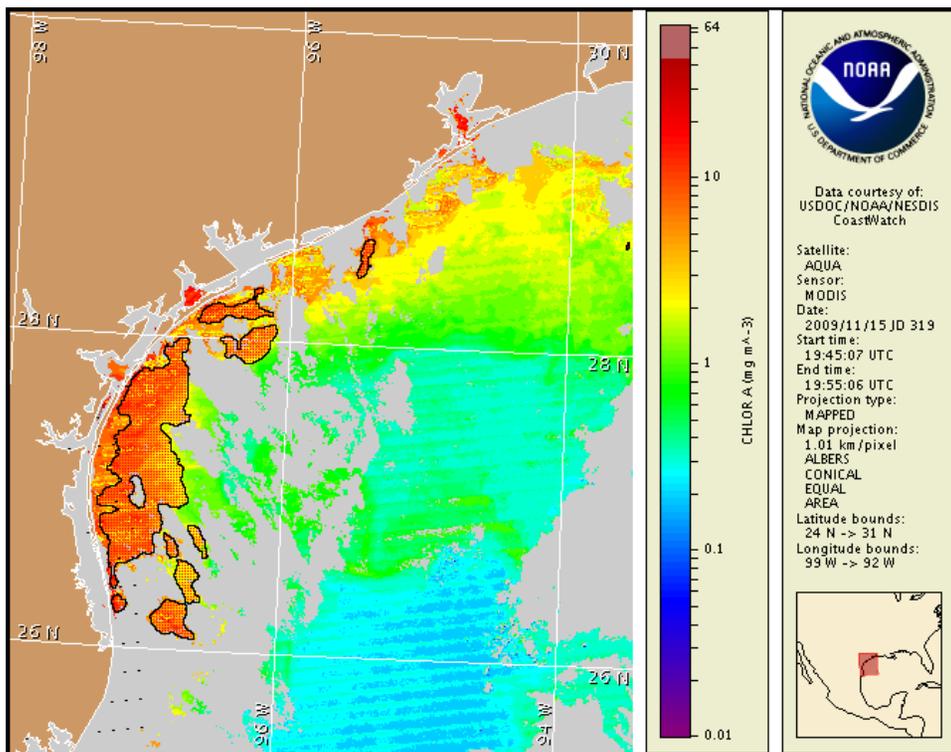
17 November 2009

NOAA Ocean Service

NOAA Satellites and Information Service

NOAA National Weather Service

Last bulletin: November 13, 2009



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from November 7 to 13 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

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

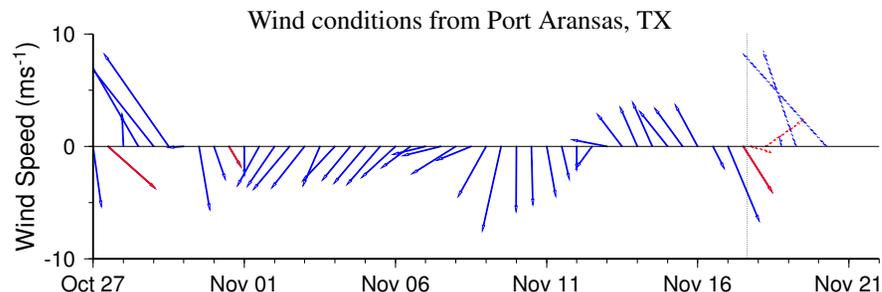
1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive GeoEye approval via the CoastWatch Program.

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.

Analysis

Imagery indicates a continuing high chlorophyll feature along the Texas coast. Winds are expected to shift onshore tomorrow, which may cause low to moderate impacts along the beach. Recent cell counts remained at moderate levels in the South Padre Island vicinity as of last Friday. No recent reports of discolored water or fish kills have been reported in Corpus Christi Bay area. -Wynne, Lopez

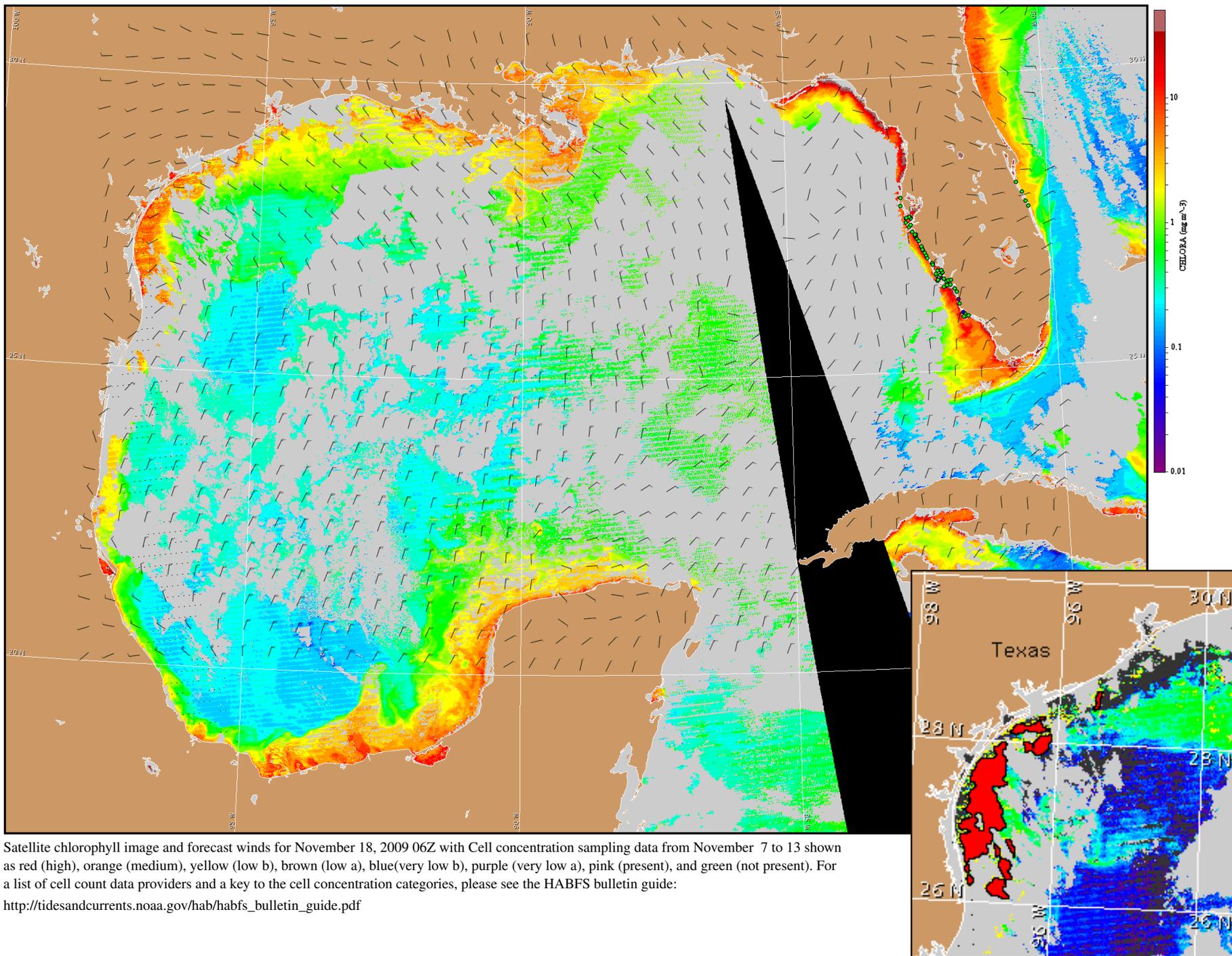


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.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

Wind Analysis

NW wind today at 10-15 knots, weakening tonight to 5 knots. NE winds tomorrow at 5 knots, becoming SE at 10-15 knots in the afternoon. S-SE winds between 10-20 knots on Thursday.

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



Satellite chlorophyll image and forecast winds for November 18, 2009 06Z with Cell concentration sampling data from November 7 to 13 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).