



Gulf of Mexico Harmful Algal Bloom Bulletin

Region: Texas

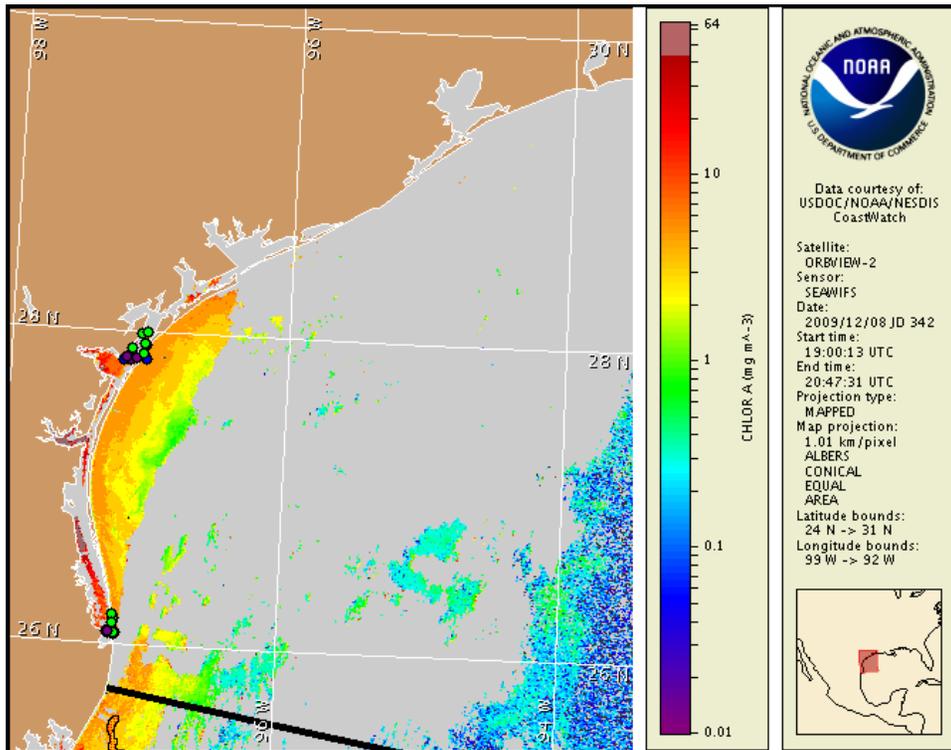
11 December 2009

NOAA Ocean Service

NOAA Satellites and Information Service

NOAA National Weather Service

Last bulletin: December 8, 2009



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from December 1 to 10 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

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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.

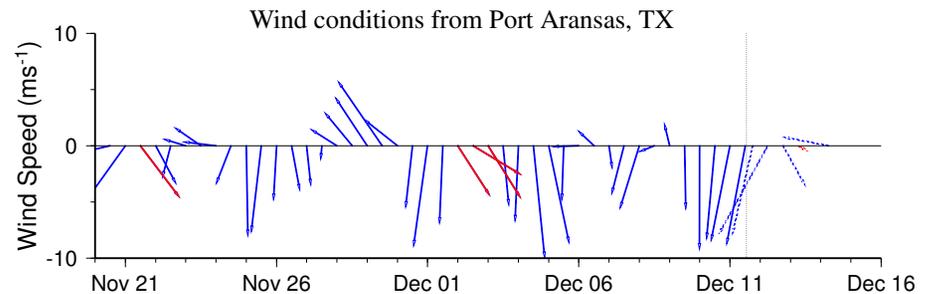
Conditions Report

A harmful algal bloom has been present along South Padre Island and in the Corpus Christi area. Patchy very low impacts are expected along Padre Island. Patchy Low to medium impacts are possible in Corpus Christi Bay, especially on the west end. Visitors to Padre Island National Seashore should not bring their dogs to the park, because of the deaths of several coyotes and one dog. Although the exact cause is unknown at this time, eating whole dead fish killed by the red tide may have caused the mortalities.

Analysis

Strong winds have been mixing the water along the coast. Fish kills have occurred at the head of Corpus Christi Bay, near Nueces Bay. The satellite imagery does not have the resolution to identify blooms within the Bay. The north winds will favor south and westward movement of blooms and dead fish.

--Stumpf, Jewett

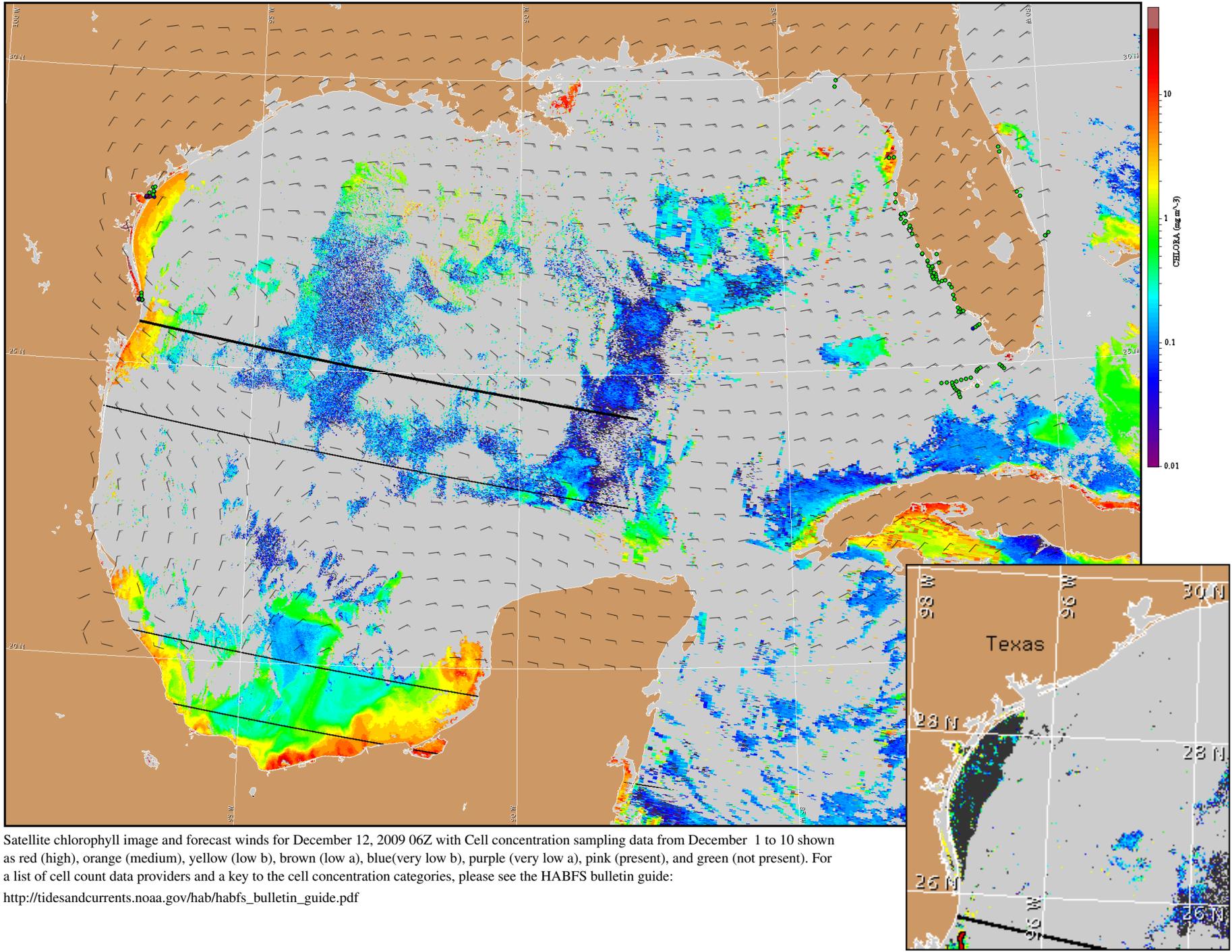


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.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

Wind Analysis

Strong N to NE winds over the weekend.

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 December 12, 2009 06Z with Cell concentration sampling data from December 1 to 10 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

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