Gulf of Mexico Harmful Algal Bloom Bulletin
Region: Texas
4 March 2010
NOAA Ocean Service
NOAA Satellites and Information Service
NOAA National Weather Service
Last bulletin: February 23, 2010

**Conditions Report**
There have not been any recent reports of harmful algal blooms in coastal Texas. Harmful algae may still be present at very low concentrations within Corpus Christi Bay. No impacts are expected at the coast.

**Analysis**
Areas of high chlorophyll are visible in imagery along the Texas coast north of Aransas Bay. This most likely represents high chlorophyll Mississippi River water and or blooms of non-harmful algae. The state has not indicated the presence of harmful algae along the coast and impacts are unlikely. Low concentrations of *K. brevis* still persist in a few locations inside Corpus Christi Bay.

_Tomlinson_

**Wind conditions from Port Aransas, TX**

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**
Southeast winds are expected from 10-20 knots through Sunday.

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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.

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 March 5, 2010 12Z with Cell concentration sampling data from February 22 to March 3 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).