Gulf of Mexico Harmful Algal Bloom Bulletin
Region: Texas
14 February 2011
NOAA Ocean Service
NOAA Satellites and Information Service
NOAA National Weather Service
Last bulletin: February 7, 2011

Conditions Report
There is currently no indication of a harmful algal bloom at the coast in Texas. No impacts are expected alongshore Texas today through Monday, February 21.

Analysis
**Due to the upcoming Federal Holiday, the next bulletin will be issued on Tuesday, February 22.**

There is currently no indication of a harmful algal bloom along the coast of Texas. Elevated chlorophyll (2-5 µg/L) is visible along the Texas coastline stretching along- and offshore from Sabine Pass to the southern end of South Padre Island. Elevated chlorophyll at the coast is likely due to the resuspension of benthic chlorophyll and sediments and not related to a harmful algal bloom. Forecast models indicate a maximum transport of 20km north along the coast from Port Aransas from February 12-17.

*Note: SeaWiFS imagery is presently unavailable for analysis, MODIS imagery is shown at left and on page 2.*

Derner, Kavanaugh

Wind Analysis
Southeast winds (10-20kn, 5-10m/s) today through Friday.

---

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 Harmful Algal Bloom Operational Forecast System bulletin archive:
http://tidesandcurrents.noaa.gov/hab/bulletins.html
Satellite chlorophyll image and forecast winds for February 15, 2011 06Z with Cell concentration sampling data from February 6 to 11 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).