Gulf of Mexico Harmful Algal Bloom Bulletin
23 January 2007
NOAA Ocean Service
NOAA Satellites and Information Service
Last bulletin: November 8, 2006

Conditions Report
There have been no recent reports of red tide. No impacts are expected in Texas. Check with the Department of Health Services for shellfish conditions.

Analysis
There have been no reports of red tide and no impacts are expected onshore along the Texas coast. No recent clear imagery is available (one shown is from January 20th) and, due to current cloudy weather system, it does not show TX coast.

-Shapiro and Jewett

Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from January 14-18 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black “X” (not present). Cell count data from Texas Parks and Wildlife and the Department of State Health Services. For a key to the cell concentration descriptions, visit the FWRI web site: http://research.myfwc.com

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.

Strong north winds 20 to 25 knots through wednesday, shifting to northeast winds on Thursday. On Friday, southeast winds 10 to 15 knots, shifting to north and west on saturday.

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.
Satellite chlorophyll image and forecast winds for January 24, 2007 06Z with cell concentration sampling data from January 14-18 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present). Cell count data from Texas Parks and Wildlife and the Department of State Health Services. For a key to the cell concentration descriptions, visit the FWRI web site: http://research.myfwc.com

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