Conditions Report

There are no reports of harmful algae at this time. No impacts are expected.

Analysis

There is no confirmation of a toxic K. brevis bloom along the Texas coast at this time. Imagery indicates a suspicious feature offshore from South Padre Island, with chlorophyll levels ranging from approximately 1-3 mg/L. The feature extends from 26°49'N, 97°6'W to 25°53'N with a filament out to 26°21'N, 95°52'W. Sampling is recommended.

-Lopez, Wynne

Wind Analysis

Today, north to northeast winds from 10 to 15 knots. Tomorrow and Thursday, southeast winds from 5-10 knots. Friday, northeast winds 15 to 20 knots.

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).

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
Satellite chlorophyll image and forecast winds for November 19, 2008 12Z with Cell concentration sampling data from November 10 to 15 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).