Gulf of Mexico Harmful Algal Bloom Bulletin
Region: Texas
Thursday, 03 December 2015
NOAA National Ocean Service
NOAA Satellite and Information Service
NOAA National Weather Service
Last bulletin: Monday, November 30, 2015

Conditions Report
There is currently no indication of Karenia brevis (commonly known as Texas red tide) along the coast of Texas. No respiratory irritation is expected alongshore Texas Thursday, December 3 through Monday, December 7.

Check http://tidesandcurrents.noaa.gov/hab/beach_conditions.html for recent, local observations.

Analysis
**Note: As of today, December 3, bulletins will be issued once per week on Mondays based on the most recent Karenia brevis water sample data. Bulletins will be issued twice per week when conditions warrant.**

No new sampling information for the Texas coast is available at this time. Impacts from the bloom were last reported on 11/23, and the most recent update received from TPWD indicated that the bloom had dissipated (11/30). Detailed sample information and a summary of impacts can be obtained through Texas Parks and Wildlife Department at: http://www.tpwd.state.tx.us./landwater/water/environconcerns/hab/redtide/status.phtml. For information on area shellfish restrictions, contact the Texas Department of State Health Services.

Recent MODIS Aqua imagery (12/2, shown left) is completely obscured by clouds, preventing analysis.

Forecast models based on predicted near-surface currents indicate a potential maximum transport of 150 km south from the Port Aransas region from December 2 to December 6.

Derner, Kavanaugh

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 December 4, 2015 06Z with points representing cell concentration sampling data from November 23 to December 2: red (high), orange (medium), yellow (low b), brown (low a), blue (very low b), purple (very low a), pink (present), and green (not present). Cell count data are provided by Texas Parks and Wildlife Department. For a list of sample providers and a key to the cell concentration categories, please see the HAB-OFS 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).