**Gulf of Mexico Harmful Algal Bloom Bulletin**  
Region: Texas  
Monday, 06 June 2016  
NOAA National Ocean Service  
NOAA Satellite and Information Service  
NOAA National Weather Service  
Last bulletin: Tuesday, May 31, 2016

**Conditions Report**

*Karenia brevis* (commonly known as Texas red tide) ranges from not present to background concentrations along the coast of Texas. No respiratory irritation is expected Monday, June 6 through Monday, June 13.

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

**Analysis**

Data from Texas A&M University’s Imaging FlowCytobot, located on the Port Aransas ship channel, is currently unavailable. However, previous sampling indicates that *Karenia brevis* concentrations range from ‘not present’ to ‘background’ (TAMU; 5/3-13). For information on area shellfish restrictions, contact the Texas Department of State Health Services.

Recent MODIS Aqua imagery (6/5; shown left) has been mostly obscured by clouds along- and offshore the Texas coast, preventing analysis.

Forecast models based on predicted near-surface currents indicate a potential maximum transport of 30 km south from the Port Aransas region from June 5-9.

**Yang, Davis**

![Wind conditions from Port Aransas-Coast, TX](image)

**Wind Analysis**

**Port Aransas to Matagorda Ship Channel:** Northeast to north winds (5-10kn, 3-5m/s) today through Tuesday. East to northeast winds (5-15kn, 3-8m/s) Tuesday night through Friday. Southeast winds (10-15kn, 5-8m/s) Friday night.
Satellite chlorophyll image and forecast winds for June 7, 2016 06Z with points representing cell concentration sampling data from May 27 to June 3: 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/hab_publication/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).