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 Monday, May 5 through Monday, May 12. Check [http://tidesandcurrents.noaa.gov/hab/beach_conditions.html](http://tidesandcurrents.noaa.gov/hab/beach_conditions.html) for recent, local observations.

Analysis
There is currently no indication of *Karenia brevis* along the coast of Texas. For information on area shellfish restrictions, contact the Texas Department of State Health Services.

MODIS Aqua imagery from 5/4 (shown left) shows elevated chlorophyll concentrations (2 to 9 µg/L) along- and offshore the Texas coast from Sabine Pass to the Rio Grande. The elevated chlorophyll is most likely not indicative of the presence of *K. brevis* and is probably due to the resuspension of benthic chlorophyll and sediments along the coast.

Forecast models based on predicted near-surface currents indicate a potential maximum transport of 70 km north from the Port Aransas region from May 4 to May 8.

Davis, Kavanaugh

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

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).

Wind Analysis
Port Aransas: South winds (15-20kn, 8-10m/s) today and Tuesday becoming southeast winds (10-20kn, 5-10m/s) Tuesday night through Friday.
Satellite chlorophyll image and forecast winds for May 6, 2014 06Z with points representing cell concentration sampling data from April 25 to May 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).