**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, August 5 through Monday, August 12. Check [http://tidesandcurrents.noaa.gov/hab/beach_conditions.html](http://tidesandcurrents.noaa.gov/hab/beach_conditions.html) for recent, local observations. There are currently patches of a bloom of the algae *Aureoumbra lagunensis* in the upper Laguna Madre region. This algae species does not produce the respiratory irritation associated with the Texas red tide caused by *Karenia brevis*, but it may cause discolored water and fish kills.

**Analysis**

There is currently no indication of a harmful algal bloom of *Karenia brevis* at the coast in Texas. In recent MODIS Aqua imagery from 8/4 (shown left), elevated chlorophyll (2-10 µg/L) is visible in patches along- and offshore from Sabine Pass to Aransas Pass. Elevated chlorophyll is not indicative of the presence of *K. brevis* and is most likely 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 30 km north from the Port Aransas region from August 4 to August 8.

Davis, Urizar

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**Wind Analysis**

**Port Aransas**: South winds (10-20 kn, 5-10 m/s) today through Thursday. Southeast winds (5-15 kn, 3-8 m/s) Thursday night through Friday.
Satellite chlorophyll image and forecast winds for August 6, 2013 06Z with points representing cell concentration sampling data from July 26 to August 1: 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).