Conditions Report
There is currently no indication of a harmful algal bloom at the coast in Texas. No impacts are expected alongshore Texas today through Sunday, October 17.

Analysis
There is currently no indication of a harmful algal bloom along the coast of Texas. Recent imagery is patchy along the coast, limiting analysis. Patches of elevated chlorophyll are visible in imagery along much of the Texas coastline. The largest patch of elevated chlorophyll is located along the northern extent of the Texas coastline, stretching along and offshore from Port Arthur to the Galveston area and narrowing along the coast from Freeport to Port Aransas. Elevated chlorophyll along the coast is likely due to resuspension and is not related to a harmful algal bloom.

Forecast models indicate a potentially negligible maximum transport (<10km) north along the coast from Port Aransas from October 10-15.

Derner, Kavanaugh

Wind Analysis
**Port Aransas**: South wind (5-15kn, 3-8m/s) today. Southeast wind (5-10kn, 3-5m/s) this evening, shifting northeast (10-15kn, 5-8m/s) in the night. North wind (10-20kn, 5-10m/s) Wednesday through Thursday. Northeast wind (5-10kn) Thursday, becoming east on Friday. Southeast wind (5-10kn) Saturday.

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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 October 13, 2010 06Z with Cell concentration sampling data from October 2 to 11 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).