Conditions Report

Not present to very low concentrations of *Karenia brevis* (commonly known as Florida red tide) are present alongshore Baldwin County, Alabama. No respiratory irritation is expected alongshore eastern Alabama Thursday, October 6 through Tuesday, October 11.

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

Analysis

**Due to the upcoming federal holiday, the next bulletin will be issued on Tuesday, October 11.**

Samples collected alongshore Baldwin County in Alabama indicate not present to ‘very low b’ concentrations of *Karenia brevis* from Alabama Point, west to Gulf State Park (ADPH; 10/3). There are currently no reports of dead fish, discolored water, or respiratory irritation.

In recent ensemble imagery (MODIS Aqua, 10/5), patches of elevated to very high chlorophyll (2 to >20 µg/L) with the optical characteristics of *K. brevis* are visible along- and up to 5 miles offshore from Pensacola Pass, Florida to Gulf Shores, Alabama.

Keeney, Davis

**Wind Analysis**

**Gulf Shores - Alabama:** North to northeast winds (13-23kn, 7-12 m/s) today through Monday.
Satellite chlorophyll image and forecast winds for October 7, 2016 12Z with points representing cell concentration sampling data from September 26 to October 5: 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 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 with *K. brevis* optical characteristics shown in yellow (see p. 1 analysis for interpretation).