Satellite chlorophyll image with possible *K. brevis* HAB areas shown by red polygon(s), when applicable. Points represent cell concentration sampling data from September 28 to October 7: 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/habfs_bulletin_guide.pdf

Detailed sample information for Florida can be obtained through FWC Fish and Wildlife Research Institute at:
http://myfwc.com/redtidestatus

**Analysis**

Recent samples collected last week from along- and offshore northwest Florida (Escambia to Taylor counties) indicated not present to 'high' concentrations of *Karenia brevis*. Sampling continues to indicate *K. brevis* from Bay to Franklin counties with the highest *K. brevis* concentrations located alongshore Bay and Gulf County (FWRI; 10/5). Sampling in the St. Joseph Bay region of Gulf County indicated that *K. brevis* concentrations have increased to 'medium' (FWRI; 10/5). Reports of dead fish have been received from Bay County this week.

In recent ensemble imagery (MODIS Aqua, 10/7), a feature of elevated to very high chlorophyll (2 to >20µg/L) with the optical characteristics of *K. brevis* is visible alongshore northwest Florida from Walton to Franklin counties, and up to 30 miles west-southwest of the St. Joseph Peninsula where up to 'high' *K. brevis* concentrations have been detected.

Variable winds forecast alongshore northwest Florida today through Monday will minimize transport of *K. brevis* concentrations.

Davis, Derner
Wind Analysis

**Escambia to Taylor counties**: East winds (10kn-15kn, 5-8m/s) today through Friday becoming southwest winds (5-10kn) Friday afternoon. Northwest winds (10kn, 5m/s) Friday night becoming west winds (10-15kn) Saturday. North winds (10-15kn) Saturday night through Sunday becoming northeast winds (5-10kn) Sunday night and Monday.
Satellite chlorophyll image and forecast winds for October 9, 2015 06Z with points representing cell concentration sampling data from September 28 to October 7: 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/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).