Conditions Report
There is currently no indication of a harmful algal bloom at the coast in southwest Florida, including the Florida Keys. No impacts are expected alongshore southwest Florida today through Sunday, December 5.

Analysis
There is currently no indication of a harmful algal bloom in southwest Florida, including the Florida Keys. *Karenia brevis* was not identified in water samples collected last week alongshore Pinellas, Manatee, Sarasota, Charlotte, Lee, and Collier counties or offshore Sarasota and Monroe counties (CCPCPD, FWRI, MML, SCHD; 11/16-24).

Imagery has been cloudy at the coast over the last several days, limiting analysis. Elevated chlorophyll (2-5 $\mu g/L$) is visible along much of the southwest Florida coastline from Pinellas to Collier County and elevated to high chlorophyll (4 to $>10$ $\mu g/L$) is visible throughout Pine Island Sound and San Carlos Bay in central Lee County. Much of the elevated chlorophyll at the coast is likely the result of non-toxic mixed diatom blooms that continue to be reported along southwest Florida, as indicated by recent samples, including one sample collected from Lighthouse Beach last week (FWRI; 11/23). Elevated to high chlorophyll (4 to $>10$ $\mu g/L$) is also visible throughout the Florida Keys region; however, all samples collected in this region indicate that *K. brevis* is not present.

Variable winds at the beginning of the week limit the potential for bloom formation through Tuesday. Northerly to northeasterly upwelling favorable winds forecasted through Friday will increase the potential for bloom formation later in the week.

Derner, Urizar, Kavanaugh
Wind Analysis

**Southwest Florida:** East to southeast winds (10-15kn, 5-8m/s) today. South to southwest winds (15-20kn, 8-10m/s) Tuesday. North to northeast winds (20kn, 10m/s) Wednesday. Northeast winds (15-20kn) Thursday. North winds (10-15kn) Friday.

To see previous bulletins and forecasts for other Harmful Algal Bloom Bulletin regions, visit the NOAA Harmful Algal Bloom Operational Forecast System bulletin archive: http://tidesandcurrents.noaa.gov/hab/bulletins.html
Satellite chlorophyll image and forecast winds for November 30, 2010 06Z with Cell concentration sampling data from November 19 to 24 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).