**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, August 22.

**Analysis**

There is currently no indication of a harmful algal bloom in southwest Florida, including the Florida Keys. A new sample collected last week at South Lido Park in Sarasota County, where background concentrations of *Karenia brevis* were identified on 8/2, indicates that *K. brevis* is not present (SCHD, 8/9). All other samples taken alongshore from Pinellas to Collier Counties and in the Florida Keys region indicate that *K. brevis* is not present (CCPCD, FWRI, MML, SCHD, 8/5-13).

Recent satellite imagery is mostly obscured by clouds south of central Lee County. Elevated chlorophyll (3 to >10 µg/L) visible in MODIS imagery (8/13) along- and offshore Pinellas to Monroe Counties and in the Florida Keys region is likely the result of mixed non-harmful algal blooms that continue to be reported in many southwest Florida counties (FWRI, 8/9-12). Variable southerly winds forecasted today through Friday, August 20, will minimize the potential for *K. brevis* bloom formation this week.

**Wind Analysis**

**Southwest Florida:** Southwest winds (10kn, 5m/s) today. Southeast winds (5kn, 3m/s) tonight through Friday, except southwest winds (5-10kn, 3-5m/s) near the coast each afternoon Tuesday through Friday.
Satellite chlorophyll image and forecast winds for August 17, 2010 06Z with Cell concentration sampling data from August 6 to 12 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 suspect HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).