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, June 20.

Analysis
There is currently no indication of a harmful algal bloom in southwest Florida, including the Florida Keys. No *Karenia brevis* was identified at the coast last week between Pinellas and Collier counties, offshore Sarasota, Lee, Collier, and Monroe counties, or north of the lower Florida Keys (FWRI, MML, SCHD; 6/7-11). One background concentration of *K. brevis* was identified at New Pass (inside) in the Sarasota Bay System in Sarasota County on 6/8 (MML). Recent imagery is patchy along the coast of southwest Florida; however, elevated (2-6 μg/L) chlorophyll remains visible south of Marco Island in southern Collier County. Sample results indicate that *K. brevis* is not present in the Marco Island region (FWRI; 6/7). Elevated chlorophyll features visible alongshore southern Collier and northern Monroe counties are likely the result of mixed non-harmful algal blooms that continue to be reported in many southwest Florida counties.

Harmful algal bloom formation is not expected at the coast through Sunday, June 20.

MODIS imagery is shown at left and on page 3.

Derner, Fenstermacher, Yang

Wind Analysis

**Southwest Florida:** South winds (5kn, 3m/s) today becoming westerly in the afternoon and southeast in the late evening. Southeast winds (5kn) Tuesday becoming westerly in the afternoon. North winds (5kn) Tuesday night. Southeast winds (5kn) Wednesday. South winds (5kn) Thursday becoming east in the afternoon through evening. East winds (5kn) Friday.

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 June 15, 2010 06Z with Cell concentration sampling data from June 4 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).