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 21.

Analysis
There is currently no indication of a harmful algal bloom alongshore southwest Florida, including the Florida Keys. *Karenia brevis* was not present in samples taken alongshore southwest Florida from Pinellas to Monroe counties nor offshore Pinellas County and the Florida Keys (FWRI, MML, SCHD; 8/8-11).

Where visible, the most recent MODIS imagery indicates elevated to high (4 to >10 µg/L) levels of chlorophyll alongshore most of southwest Florida. Elevated chlorophyll at the coast is likely the result of non-toxic algal blooms that continue to be reported alongshore several counties in southwest Florida.

Forecast winds tomorrow and Wednesday indicate a potential for bloom formation at the coast.

Urizar, Burrows

Wind Analysis
SW Florida: Westerly winds (10 kn, 5 m/s) today. Northwesterly winds (5-10 kn, 3-5 m/s) Tuesday and Wednesday. Easterly to northerly winds (5-10 kn) Thursday. South-easterly winds (5-10 kn) Friday.
Satellite chlorophyll image and forecast winds for August 16, 2011 06Z with cell concentration sampling data from August 5 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 HAB-OFS 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).