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, April 12.

Analysis
There is currently no indication of a harmful algal bloom at the coast in southwest Florida including the Florida Keys. No *Karenia brevis* was identified in samples collected last week alongshore southwest Florida from Pinellas to Monroe Counties (3/31-4/3; FWRI, MML, SCHD). Recent satellite imagery has been cloudy along the coastline and limits analysis. However, patches of elevated chlorophyll have been visible alongshore from Sarasota to Collier Counties over the past few days and are likely due to non-harmful algae (3/31-4/3; FWRI, MML, SCHD). The small patch of elevated chlorophyll offshore southern Collier County reported in the previous bulletin is also partially obscured by clouds, however chlorophyll levels have decreased to <2 µg/L in the surrounding area.

Bloom formation alongshore southwest Florida is not expected today through Sunday, April 12.

Fenstermacher, Fisher
Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts. Wind observation and forecast data provided by NOAA’s National Weather Service (NWS).

Wind Analysis
SW Florida: Strong southwest to westerlies today and northwesterlies tonight through Tuesday (15-25 kn; 8-13 m/s). Northeasterlies to westerlies on Wednesday followed by southeasterlies to easterlies Wednesday night (10-20 kn; 5-10 m/s). Southeasterlies on Thursday (10-20 kn; 5-10 m/s). Southerlies on Friday (20 kn; 10 m/s).

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 April 7, 2009 12Z with Cell concentration sampling data from March 30 to April 1 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).