**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, March 1.

**Analysis**

There is currently no indication of a harmful algal bloom at the coast in southwest Florida. No *Karenia brevis* was identified in samples collected last week alongshore and offshore of southwest Florida, from Pinellas to Collier Counties (FWRI, SCHD, MML, 2/16-20), with the exception of a background concentration detected 23 miles offshore of New Pass, Sarasota County (MML 2/17; not shown). Current satellite imagery is cloudy in this offshore region, however imagery from February 16-20 does not indicate any elevated chlorophyll features in that area.

There continues to be no indication of elevated chlorophyll features present alongshore of southwest Florida. The feature located 6 to 25 miles directly west of the Marquesas Keys appears to have dissipated. Bloom formation alongshore of southwest Florida is not expected today through Sunday, March 1.

-Fenstermacher, Fisher

Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from February 13 to 18 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

Please note the following restrictions on all SeaWiFS imagery derived from CoastWatch.

1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.

2. Image products may be published in newspapers. Any other publishing arrangements must receive GeoEye approval via the CoastWatch Program.
Wind conditions from Venice Pier, FL

Wind conditions from Sand Key, FL

Wind Analysis

SW Florida: North to northeast winds today (10-15 kn; 5-8 m/s). Variable northeast to east winds Tuesday through Wednesday (5-15 kn; 3-8 m/s). Southeast to east winds on Thursday and southeast to southwest winds on Friday (5-10 kn).

Florida Keys: North to northeast winds today through Tuesday (15-20 kn; 8-10 m/s). Northeast to east winds Tuesday night through Thursday and east winds on Friday (10-15 kn; 5-8 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 February 24, 2009 12Z with Cell concentration sampling data from February 13 to 18 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_buliten_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).