Gulf of Mexico Harmful Algal Bloom Bulletin
Region: South Florida
8 September 2008
NOAA Ocean Service
NOAA Satellites and Information Service
NOAA National Weather Service
Last bulletin: September 2, 2008

Conditions Report
There is currently no indication of a harmful algal bloom at the coast in southwest Florida. No impacts are expected alongshore southwest Florida today through Sunday, September 14.

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 onshore last week between Pinellas and Monroe Counties (FWRI, SCHD; 9/2-5). A band of elevated to high chlorophyll was visible from Charlotte to northern Monroe County. This is very likely attributed to resuspension events caused by recent storms, in conjunction with the continually confirmed presence of non-harmful algae. More defined patches of high chlorophyll are visible at the following locations: approximately 27 miles offshore Lee County centralized at 26° 22'N 82° 35'W; and just south of Sanibel Island, Lee County. No impacts are expected along the coast of southwest Florida through Sunday, September 14.

Please note that SeaWiFS imagery is temporarily unavailable for display on this bulletin due to recent technical difficulties; MODIS imagery is shown on pages 1 and 3 of this bulletin.

Fenstermacher, Urizar, Gan

Wind Analysis
Easterlies today through Wednesday (15-30 kn; 8-15 m/s). Southeasterlies on Thursday and Friday (15-25 kn; 8-13 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 September 9, 2008 06Z with Cell concentration sampling data from August 29 to September 3 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).