Conditions Report

There is currently no indication of *Karenia brevis* (commonly known as Florida red tide) along the coast of southwest Florida, including the Florida Keys. No respiratory irritation is expected alongshore southwest Florida Monday, August 31 through Tuesday, September 8. Check [http://tidesandcurrents.noaa.gov/hab/beach_conditions.html](http://tidesandcurrents.noaa.gov/hab/beach_conditions.html) for recent, local observations.

Analysis

**Due to the upcoming federal holiday, the next bulletin will be issued on Tuesday, September 8.**

Samples collected over the past week along the coast of southwest Florida from Pinellas to Monroe counties, including the Florida Keys, all indicate that *Karenia brevis* is not present (FWRI, MML, SCHD; 8/20-8/27).

Recent MODIS Aqua imagery from August 28 and 29 (8/28 shown left) is partially obscured by clouds along- and offshore southwest Florida from Pinellas to Monroe County, limiting analysis. Elevated chlorophyll (2 - 9 µg/L) is visible in patches along- and offshore southwest Florida from Charlotte County to the Florida Keys. Elevated chlorophyll is likely associated with blooms of various algal species that continue to be detected alongshore southwest Florida.

Harmful algal bloom formation at the coast of southwest Florida is not expected today through Tuesday, September 8.

Keeney, Derner
Wind conditions from Venice Pier, FL

Wind Analysis

Englewood to Tarpon Springs (Venice): South to southeast winds (5-10kn, 3-5m/s) today through Wednesday. Variable winds (5kn, 3m/s) Wednesday evening through Friday.
Satellite chlorophyll image and forecast winds for September 1, 2015 00Z with points representing cell concentration sampling data from August 21 to 28: red (high), orange (medium), yellow (low), brown (low a), blue (very low), purple (very low a), pink (present), and green (not present). Cell count data are provided by Florida Fish and Wildlife Conservation Commission (FWC) Fish and Wildlife Research Institute. For a list of sample 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).