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 Monday, July 4.

Analysis
**Due to the upcoming Federal Holiday, the next bulletin will be issued on Tuesday, July 5.**

There is currently no indication of a harmful algal bloom in southwest Florida, including the Florida Keys. ‘Very low a’ concentrations of Karenia brevis were identified in a single sample collected .5 miles east of Longboat Key in Sarasota County on 6/16 (FWRI). Background concentrations of K. brevis have also been identified in Sarasota County at New Pass (MML; 6/20) and offshore southwest of Bird Keys (MML; 6/21). K. brevis was not identified in water samples collected elsewhere last week alongshore Pinellas to Monroe counties or offshore Pinellas or Sarasota counties or the Florida Keys (CCPCPD, FWRI, MML, SCHD; 6/14-23). Recent MODIS imagery is completely obscured by clouds both along- and offshore Southwest Florida. Any elevated chlorophyll at the coast is likely the result of non-toxic algal blooms that continue to be reported in several counties in southwest Florida.

Lee County Health Department continues to issue warnings to avoid contact with the Caloosahatchee River and other fresh water systems due to the presence of potentially harmful Cyanobacteria concentrations (LCHD, 6/27). Harmful algal bloom formation is not expected at the coast through Monday, July 4.

Derner, Urizar
Wind Analysis

Southwest Florida: South winds (5-10kn, 3-5m/s) today becoming west (10kn, 5m/s) in the afternoon. East winds (10kn) Tuesday, becoming onshore in the afternoon. Southeast winds (5-10kn) Wednesday, becoming west in the afternoon. West winds (5-10kn) Thursday. Variable winds (5kn, 3m/s) Friday.
Verified and suspected HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).