



## Experimental Gulf of Mexico Harmful Algal Bloom Bulletin

20 May 2003

National Ocean Service/NCCOS and CSC

NESDIS/CoastWatch and NDBC

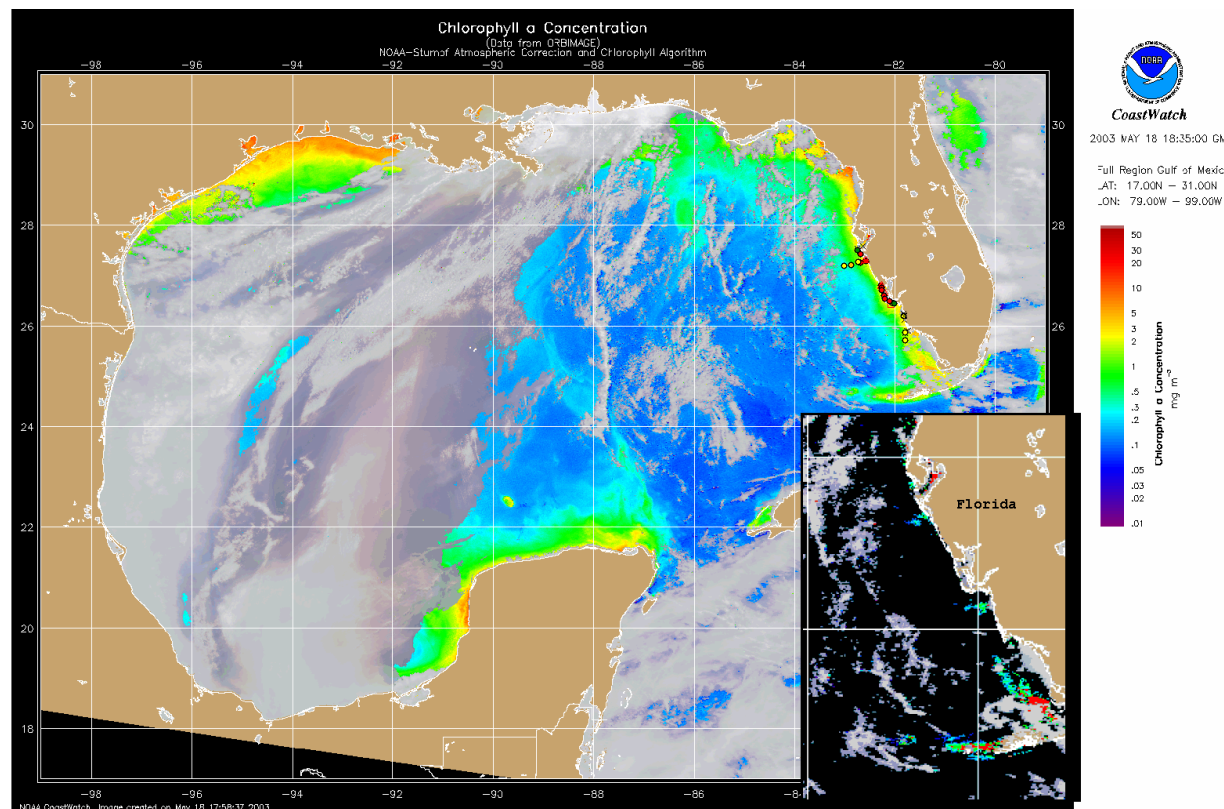
Last bulletin: May 8, 2003

### Analysis

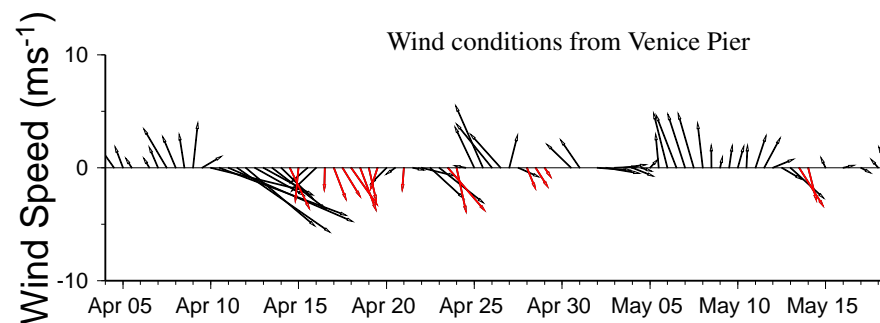
SW Florida:

Chlorophyll imagery still suggests that the *K. brevis* bloom lingers at Sarasota, near and south of Sanibel, and Charlotte Harbor. Due to persistent levels of high chlorophyll, the flag has been diminished and appears green in these areas. However, chlorophyll concentration remains above 3 ug/L and 5 ug/L at Sarasota and Charlotte Harbor, respectively indicating medium levels, consistent with reported cell counts of May 13-15 near Sarasota, while medium to high counts were observed from Charlotte Harbor to Sanibel Island. Chlorophyll in the Ft. Meyers region still remains at 3 ug/L.

-Tomlinson



Chlorophyll concentration (above) and possible HAB areas shown in red (inset). Cell concentration sampling data from May 15, 2003 shown as red squares (high), red triangles (medium), red circles (low), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present).



Wind speed and direction are averaged over 12 hours from measurements made on NOAA buoys. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast.

Southeast to easterly winds are expected to persist through Wednesday.

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