



Experimental Gulf of Mexico Harmful Algal Bloom Bulletin

7 July 2004

National Ocean Service/NCCOS and CSC

NESDIS/CoastWatch and NDBC

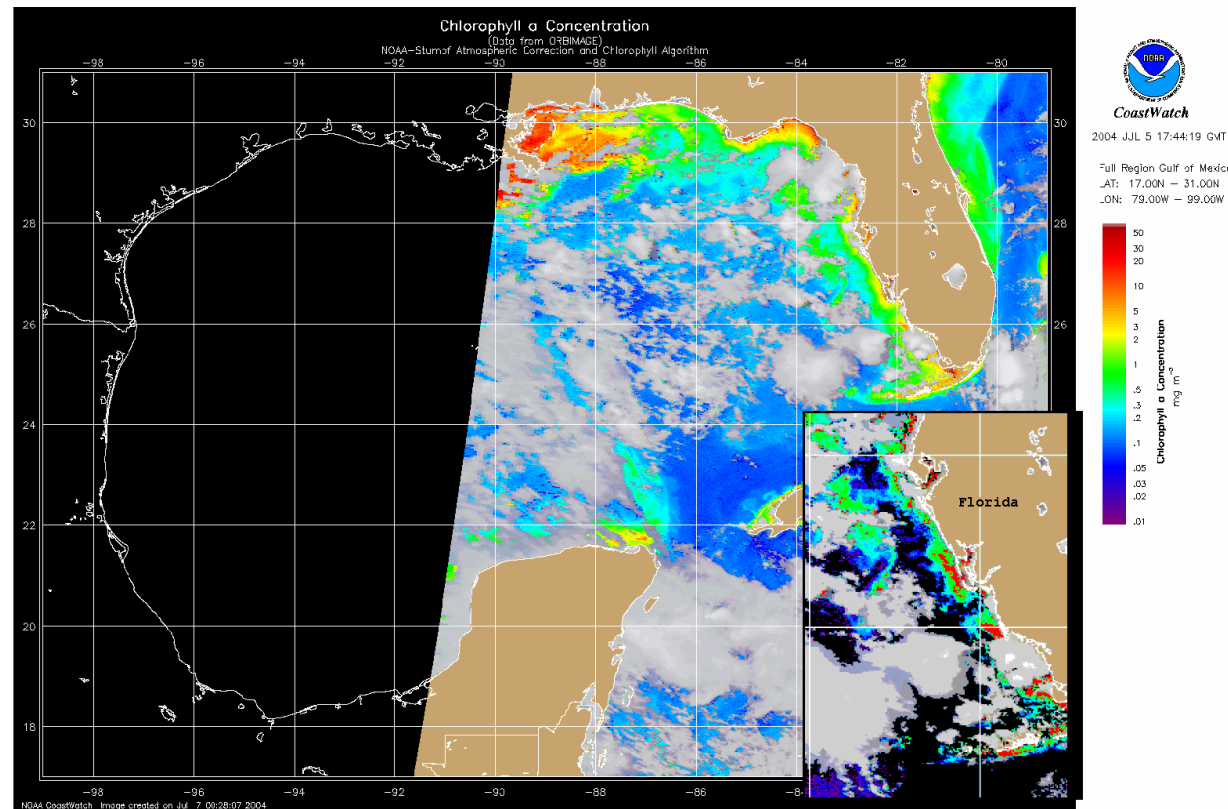
Last bulletin: June 30, 2004

Analysis

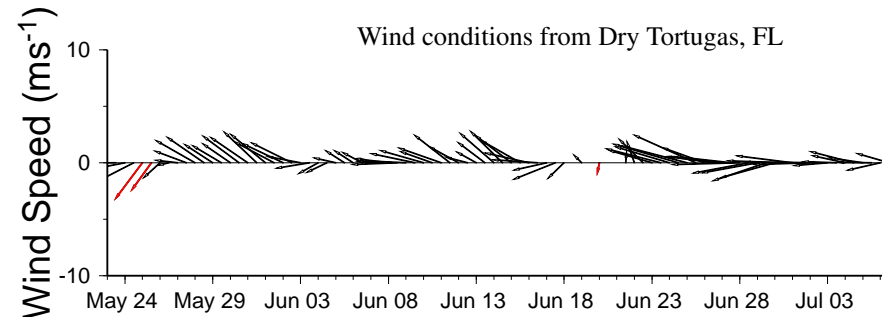
SW Florida. Chlorophyll blooms along Captiva-Boca Grande to a few miles offshore, and at Naples. Concentrations up to 5 ug/L chlorophyll. However, winds have not been favorable for HAB development. With early season, these are expected to be other blooms. Except for seabreeze, winds weakly encourage offshore movement of material.

NW Conditions have not favored HAB development. There has been increased chlorophyll in Apalachicola Bay and offshore of St George Island.

--Stumpf



Chlorophyll concentration (above) and possible HAB areas shown in red (inset). Cell concentration sampling data from June 24, 2004 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), 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.

Winds off Sarasota are expected to be light and easterly over the next several days. Winds are strong toward Keys.

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Wind conditions from Tyndall AFB Tower C

