



## Experimental Gulf of Mexico Harmful Algal Bloom Bulletin

8 May 2003

National Ocean Service/NCCOS and CSC

NESDIS/CoastWatch and NDBC

Last bulletin: May 7, 2003

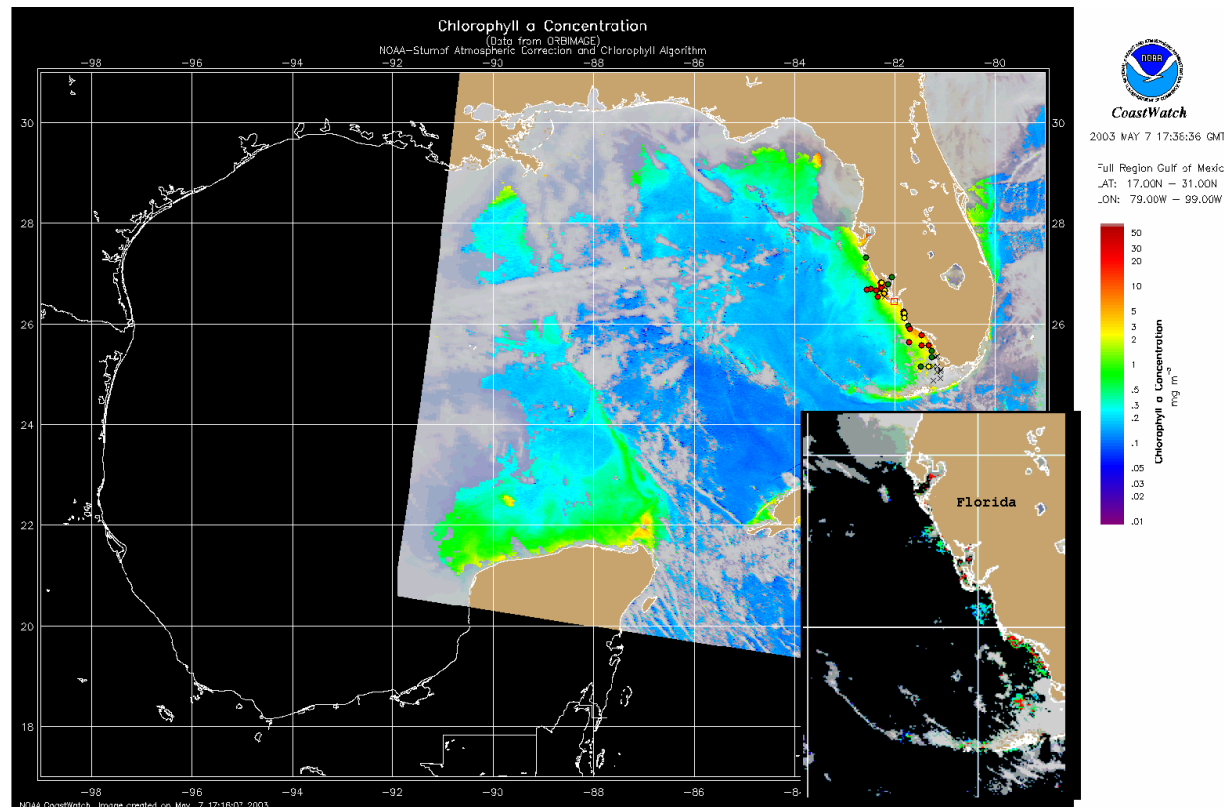
### Analysis

SW Florida:

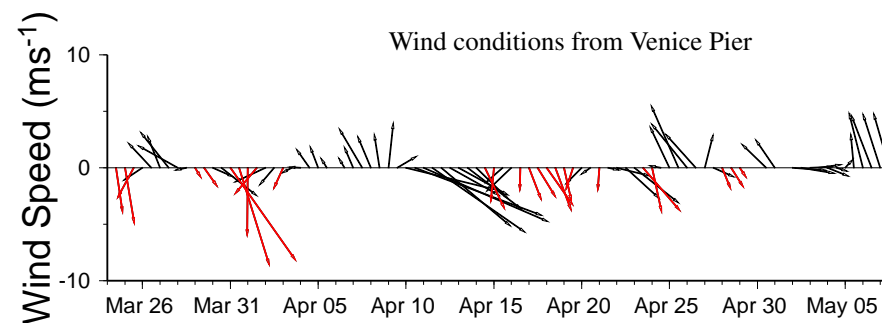
Imagery suggests that part of the bloom offshore of Charlotte Harbor has moved towards the coast near Venice and Englewood and possibly northward to Sarasota. Imagery indicates chlorophyll above 3 ug/L at Sarasota. (Note: some of the flagging has been lost due to persistent levels of high chlorophyll).

Chlorophyll from Ft. Meyers to Naples still remains above 3 ug/L, indicating some persistence of *K. brevis*.

-Tomlinson



Chlorophyll concentration (above) and possible HAB areas shown in red (inset). Cell concentration sampling data from May 1, 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.

Southeasterly winds are predicted to persist through Sunday.

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