



# Experimental Gulf of Mexico Harmful Algal Bloom Bulletin

5 August 2003

National Ocean Service/NCCOS and CSC

NESDIS/CoastWatch and NDBC

Last bulletin: July 21, 2003

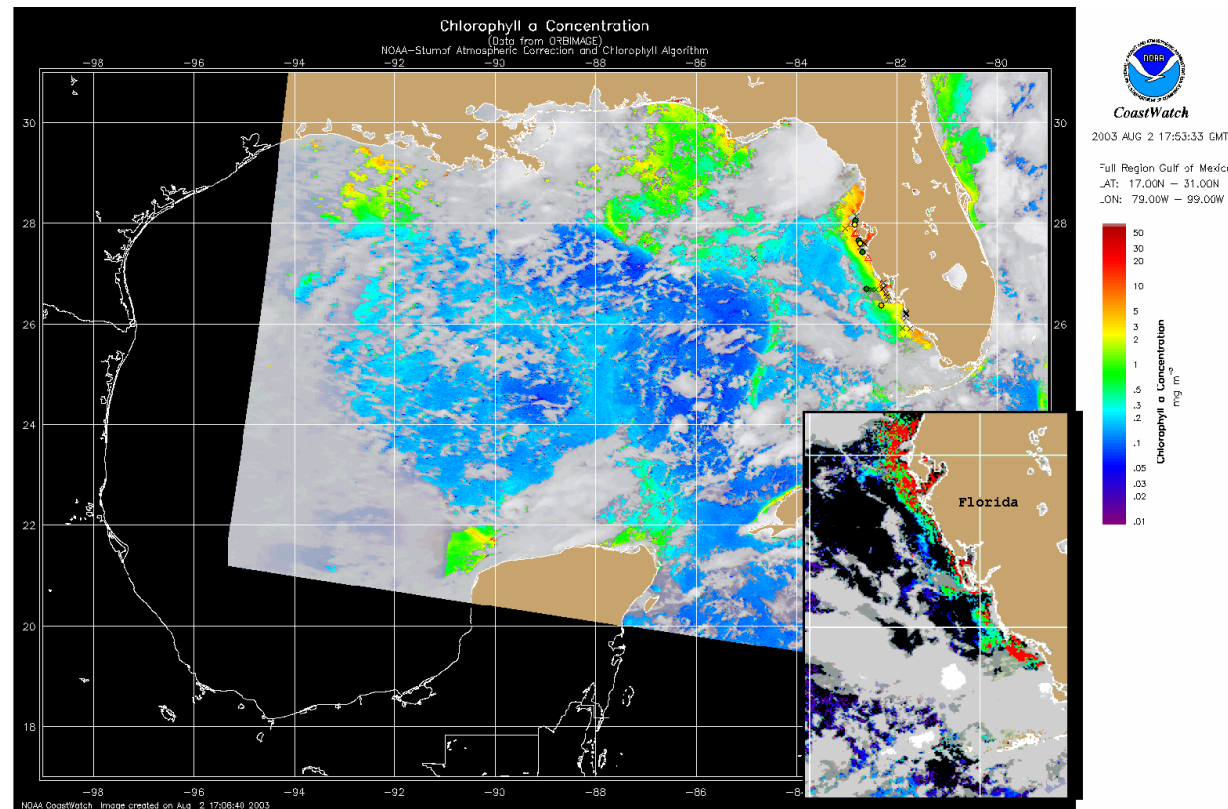
## Analysis

Imagery indicates elevated chlorophyll (reaching 5 ug/L) from Tampa Bay to Venice. The state reports medium levels of *K. brevis* throughout the flagged region.

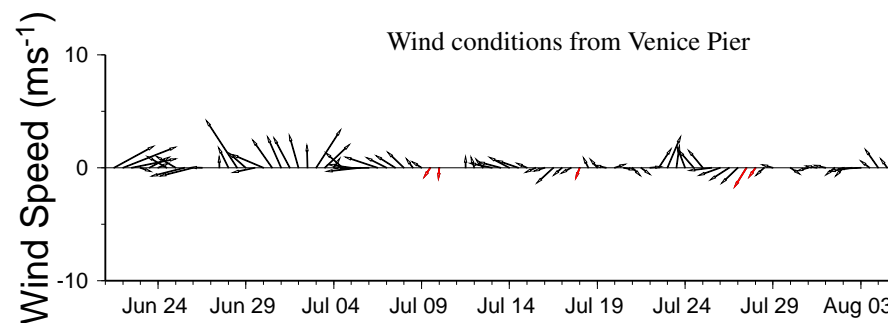
A flagged area extends offshore of Charlotte Harbor to 82d23W 26d25N. In addition, imagery suggests elevated chlorophyll from Ft. Meyers to Cape Romano. Therefore, these areas should be monitored for *K. brevis*.

Southerly to southwesterly winds this week may cause the transport of dead fish and respiratory irritation onshore.

-Tomlinson



Chlorophyll concentration (above) and possible HAB areas shown in red (inset). Cell concentration sampling data from July 24, 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.

Southerly to southwesterly winds are predicted through Saturday.

Please note the following restrictions on all SeaWiFS imagery derived from CoastWatch.

1. These data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted .
2. Distribution for military, international, or commercial purposes is NOT permitted.
3. There are restrictions on Internet/Web/public posting of these data.
4. Image products may be published in newspapers. Any other publishing arrangements must receive OrbImage approval via the CoastWatch Program.