

# Experimental Gulf of Mexico Harmful Algal Bloom Bulletin

15 April 2004

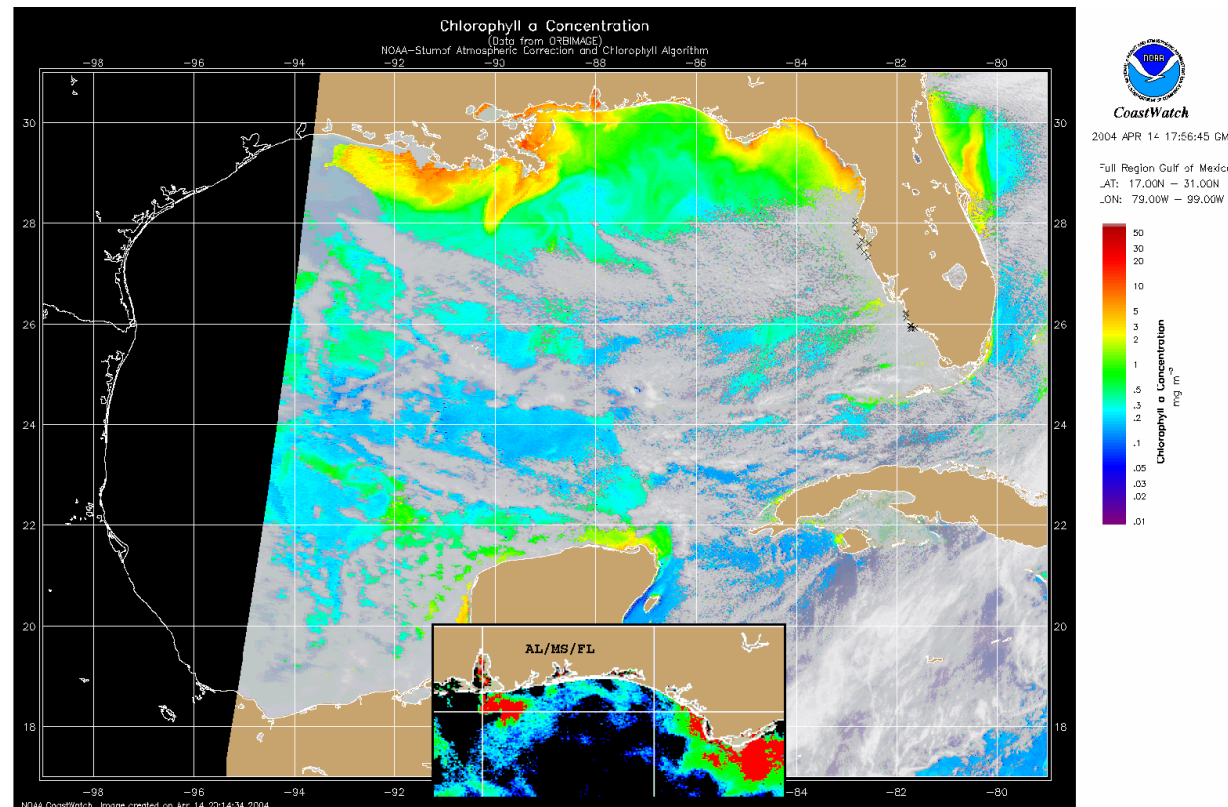
National Ocean Service/NCCOS and CSC

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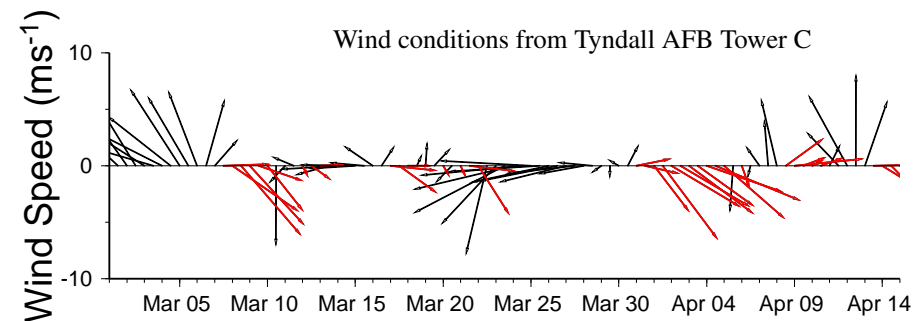
Last bulletin: March 23, 2004

## Analysis

Six additional dolphins have washed ashore in the St. Joe Bay area. One fish kill has been reported in the Bay on April 12 and a second kill has been reported 20 miles to the south of Cape San Blas.



Chlorophyll concentration (above) and possible HAB areas shown in red (inset). Cell concentration sampling data from March 18, 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 have recently changed from southerly to northwesterly.

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