



# Experimental Gulf of Mexico Harmful Algal Bloom Bulletin

23 January 2004

National Ocean Service/NCCOS and CSC

NESDIS/CoastWatch and NDBC

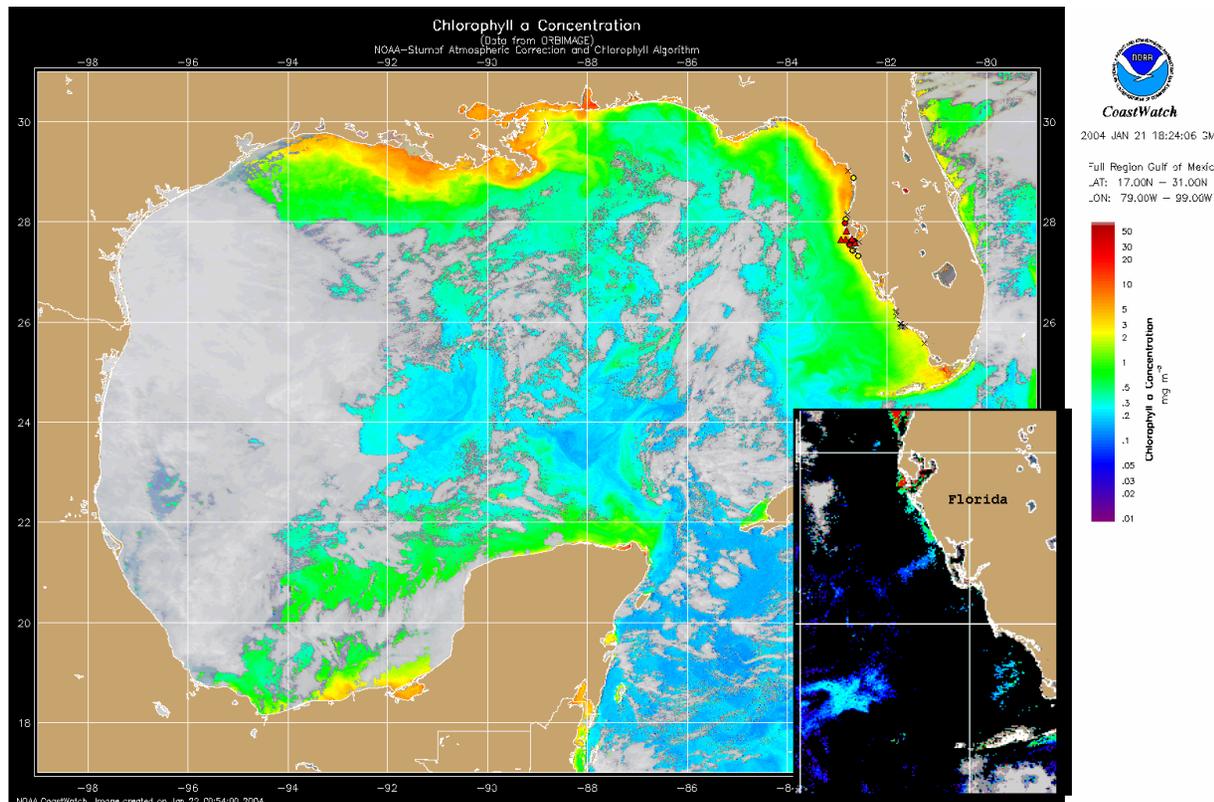
Last bulletin: January 13, 2004

## Analysis

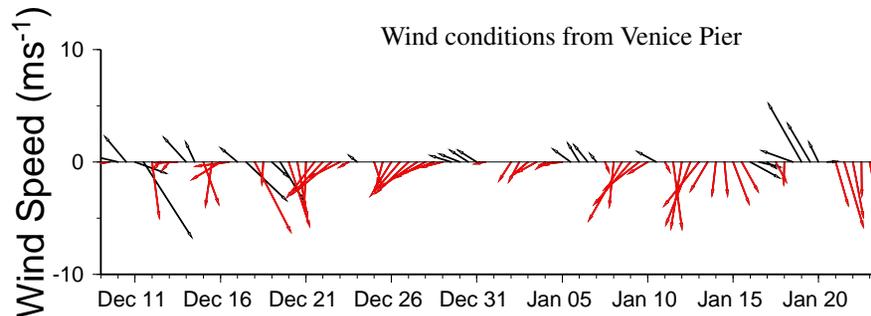
SW Florida:

Imagery indicates that the *K. brevis* bloom now extends south of Venice to 82d26'W 26d54'N (green flag in imagery). Southward movement was probable, due to a 4 day period of northerly winds. Medium levels of *K. brevis* are still being reported just south of Tampa Bay. Chlorophyll remains above 3 ug/L. Northerly winds through Saturday will favor southward transport.

-Tomlinson



Chlorophyll concentration (above) and possible HAB areas shown in red (inset). Cell concentration sampling data from January 15, 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.

Northerly winds are expected to continue through Saturday night.

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