



Experimental Gulf of Mexico Harmful Algal Bloom Bulletin

15 November 2002

National Ocean Service/NCCOS and CSC

NESDIS/CoastWatch and NDBC

Last bulletin: November 13, 2002

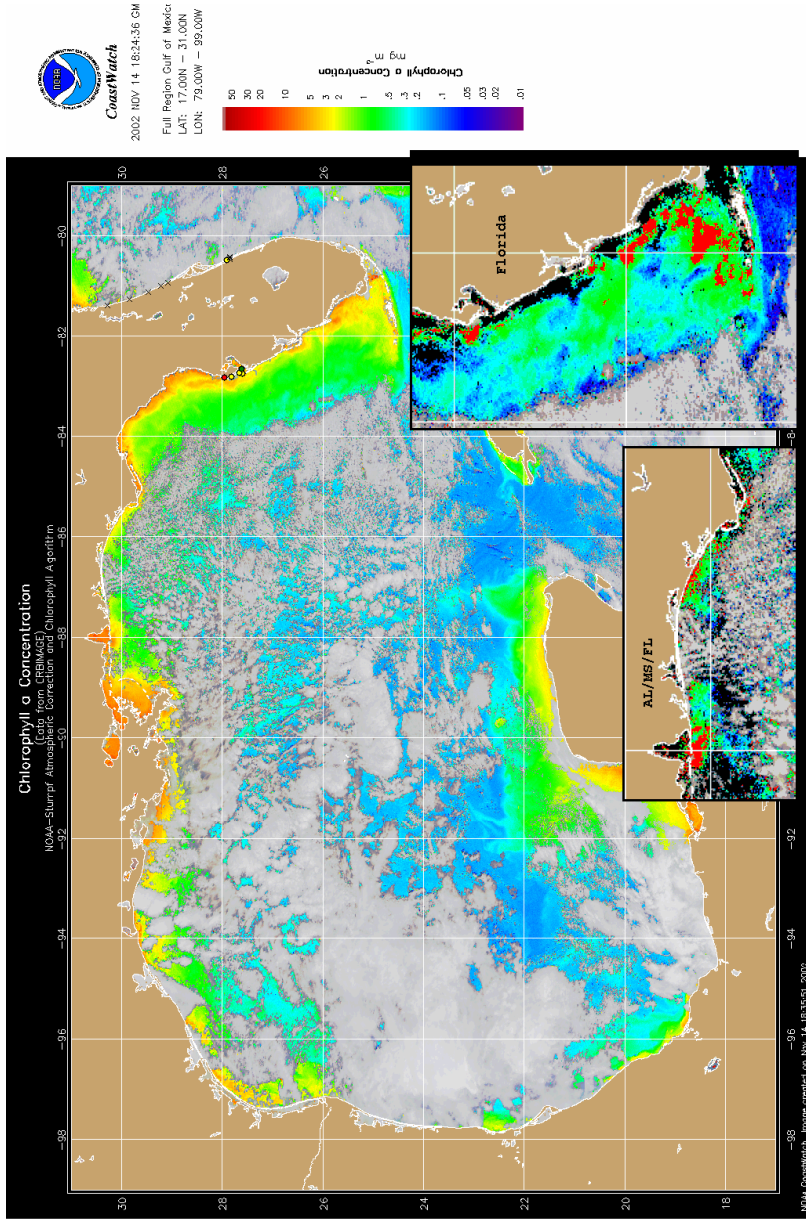
Analysis

No new data for East Florida. Winds do not favor impact at the shore.

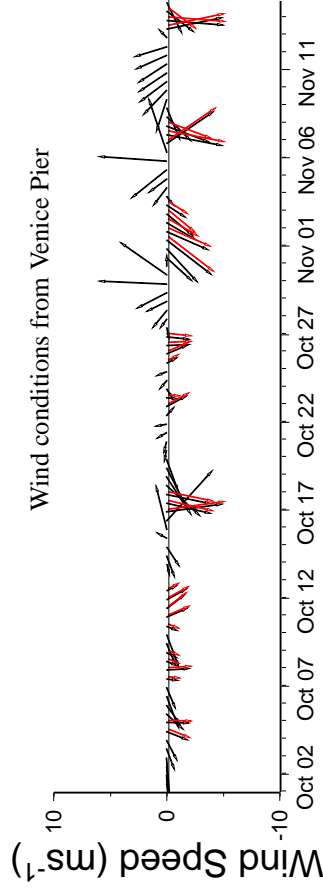
SW Florida. Features off Clearwater offshore of Naples and near Sanibel. A large bloom has developed north of Key West (81d45'W to 82W and 25N to 25d15'N). With northerly winds forecast, causing potential transport toward the Keys, this feature should be watched early next week.

NW Florida. New feature at Cape San Blas. Note westerlies

--Stumpf



Chlorophyll concentration (above) and possible HAB areas shown in red (inset). Cell concentration sampling data from November 7, 2002 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.

winds shifting from southerly to northwesterly over weekend (through Nov 17)

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