



Experimental Gulf of Mexico Harmful Algal Bloom Bulletin

2 October 2002

National Ocean Service/NCCOS and CSC

NESDIS/CoastWatch and NDBC

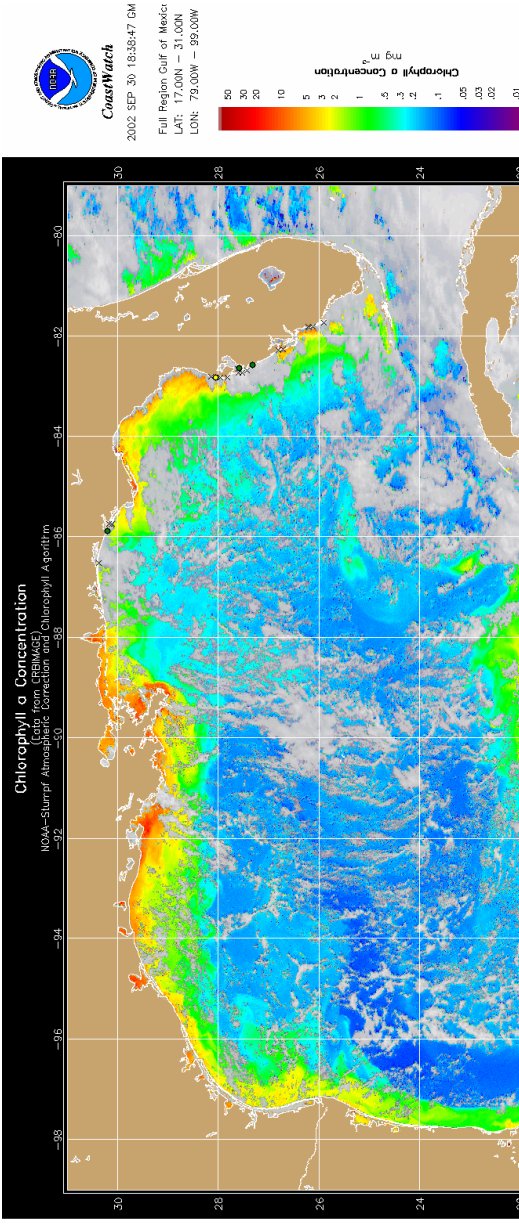
Last bulletin: September 19, 2002

Analysis

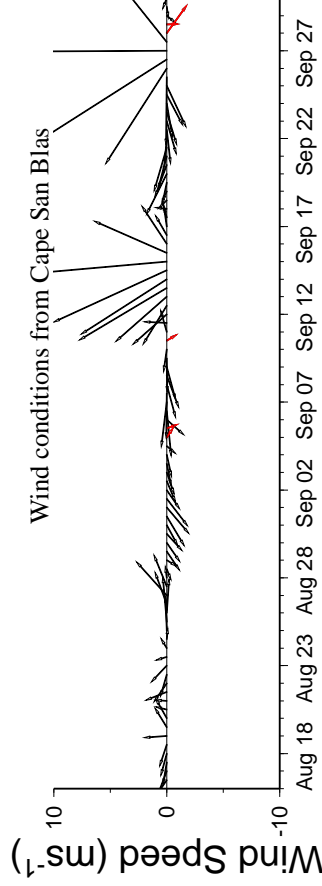
Isidore stirred up much of the eastern Gulf Coast. A larger area of potential bloom is still identified in the Florida Panhandle region. Field data reports bloom around Cape St. Joe, it is likely that some westward spread has occurred along the Florida Panhandle.

The major diatom bloom along the south Texas coast is continuing.

--Stumpf



Chlorophyll concentration (above) and possible HAB areas shown in red (inset). Cell concentration sampling data from September 26, 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.

The tropical storm season has introduced strong winds on this coast. Tropical Storm Hanna passed through on Sep 14, Tropical Storm Isidore on Sep 26. In between these events NE winds favor westward transport.

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