

Gulf of Mexico Harmful Algal Bloom Bulletin

23 October 2007

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: October 16, 2007

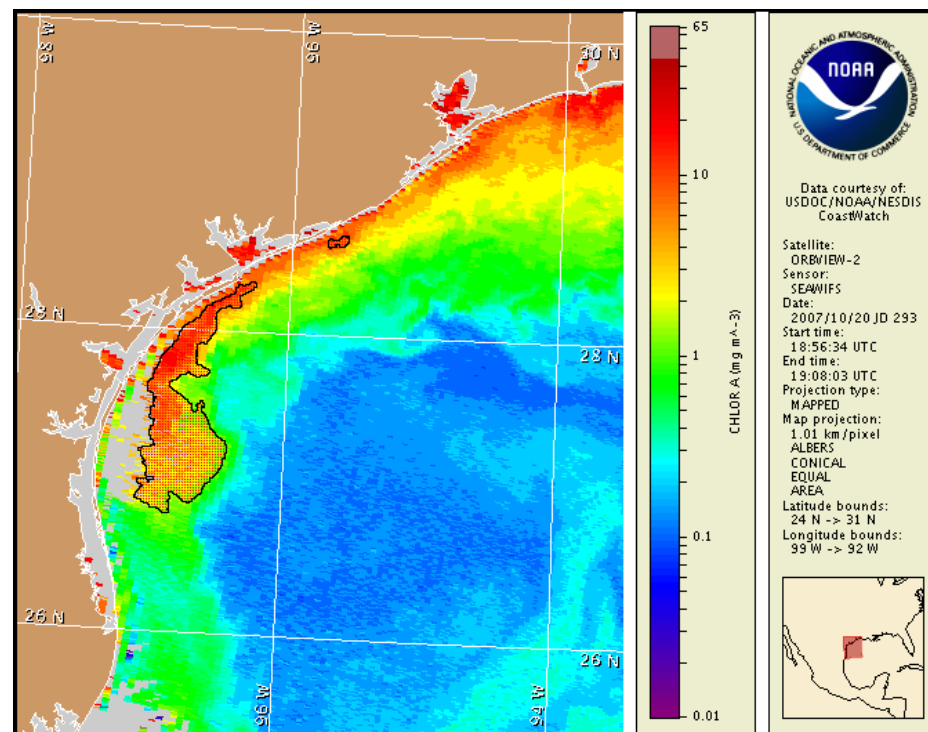
Conditions Report

There have been no recent reports of red tide. No impacts are expected along the Texas coast.

Analysis

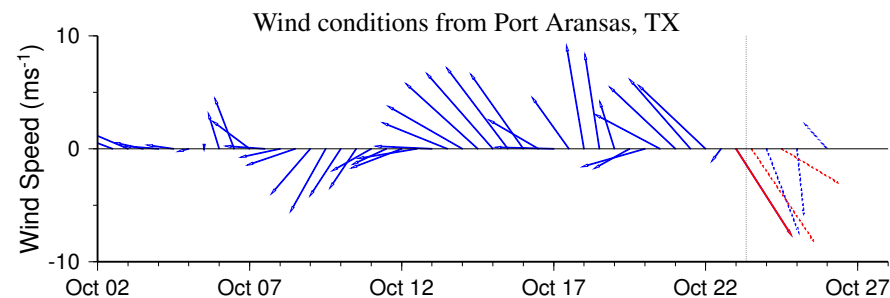
High chlorophyll is observed along much of the Texas coast, consistent with previous bulletins. There have been no recent reports of *Karenia* spp. High winds this week will most likely cause resuspension leading to apparent high chlorophyll features and increased turbidity.

-- Jewett, Nielsen



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from October 14 to 18 shown as red (high), orange (medium), yellow (low b), brown (low a), blue (very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide:

http://www.csc.noaa.gov/crs/habfs/habfs_bulletin_guide.pdf



Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

Northwest winds 25 to 30 knots today decreasing to 15 to 20 knots tonight through Wednesday. On Thursday expect winds from the north.

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