



# Gulf of Mexico Harmful Algal Bloom Bulletin

26 October 2006

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: October 26, 2006

## Conditions Report

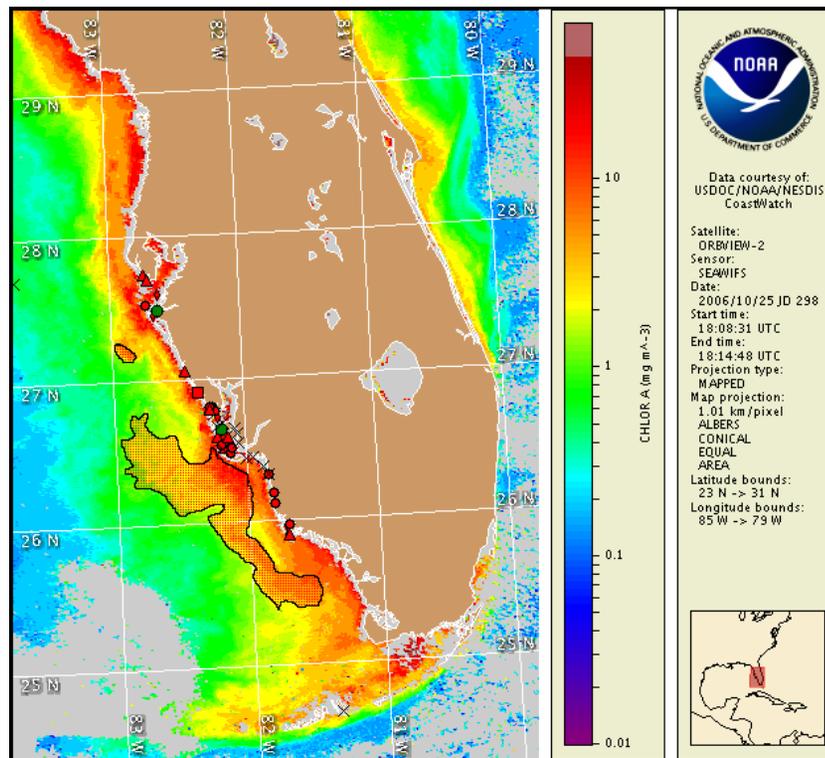
A harmful algal bloom has been identified from Pinellas to central Collier County. Today, Friday, Sunday and Monday patchy low impacts are possible in Pinellas and northern Charlotte County and patchy very low impacts are possible in Manatee, Sarasota, and southern Charlotte to central Collier County; with moderate impacts possible in the Sanibel Island region on Friday. Friday night through Saturday, patchy high impacts are possible in central Pinellas and northern Charlotte County, and patchy moderate impacts are possible in Manatee, Sarasota, and southern Charlotte to central Collier County.

## Analysis

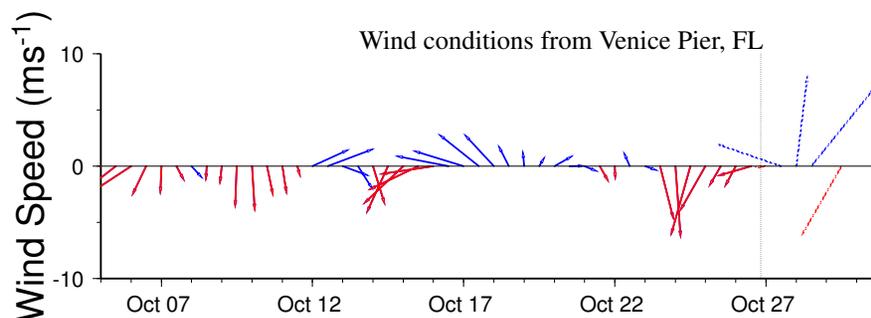
bulletin is supplemental to Bulletin #72 disseminated earlier today, October 26, 2006.

Potential impacts in northern Charlotte County have increased for today through Monday based on new sampling information. High concentrations of *K. brevis* were identified at Englewood Beach in northern Charlotte County on 10/24 (FWRI). Please note the revisions in the Conditions Report for this region.

~Fisher, Keller



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration categories and corresponding cell count values from Florida Fish and Wildlife Research Institute. For a key to the cell concentration descriptions, visit <http://research.myfwc.com>. Cell concentration sampling data from October 16-25 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).

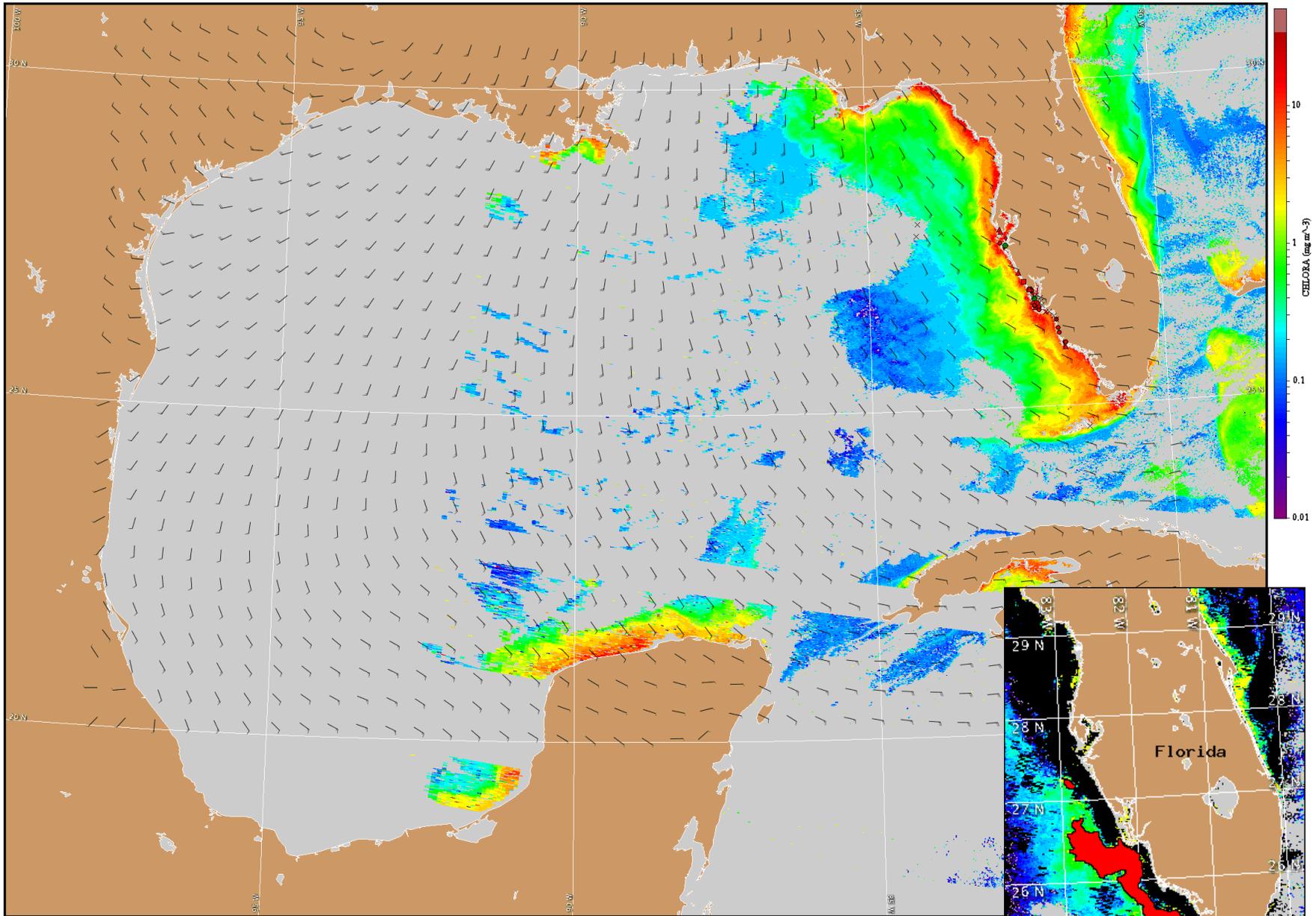


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

SW Florida: Easterlies today (10kts, 5m/s) will strengthen (15-20kts, 8-10m/s) and shift southerly by Fri- day. Southwesterlies Friday night shifting northwesterly Saturday(15-20kts). Northerlies Saturday night expected to become northeasterly Sunday and Monday up to 15kts.

Please note the following restrictions on all SeaWiFS imagery derived from CoastWatch.

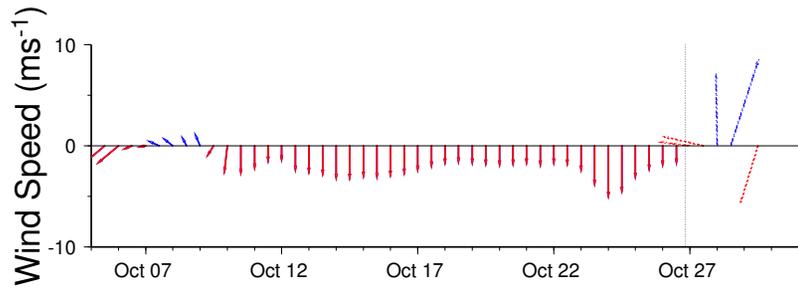
1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive GeoEye approval via the CoastWatch Program.



Satellite chlorophyll image and forecast winds for October 27, 2006 12Z with cell concentration sampling data from October 16-25 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).

Verified HAB areas shown in red. Other bloom areas shown in yellow (see p. 1 analysis for interpretation).

Wind conditions from Naples, FL



Wind conditions from Clearwater Beach, FL

