# Experimental Gulf of Mexico Harmful Algal Bloom Bulletin

24 September 2001

National Ocean Service/NCCOS and CSC

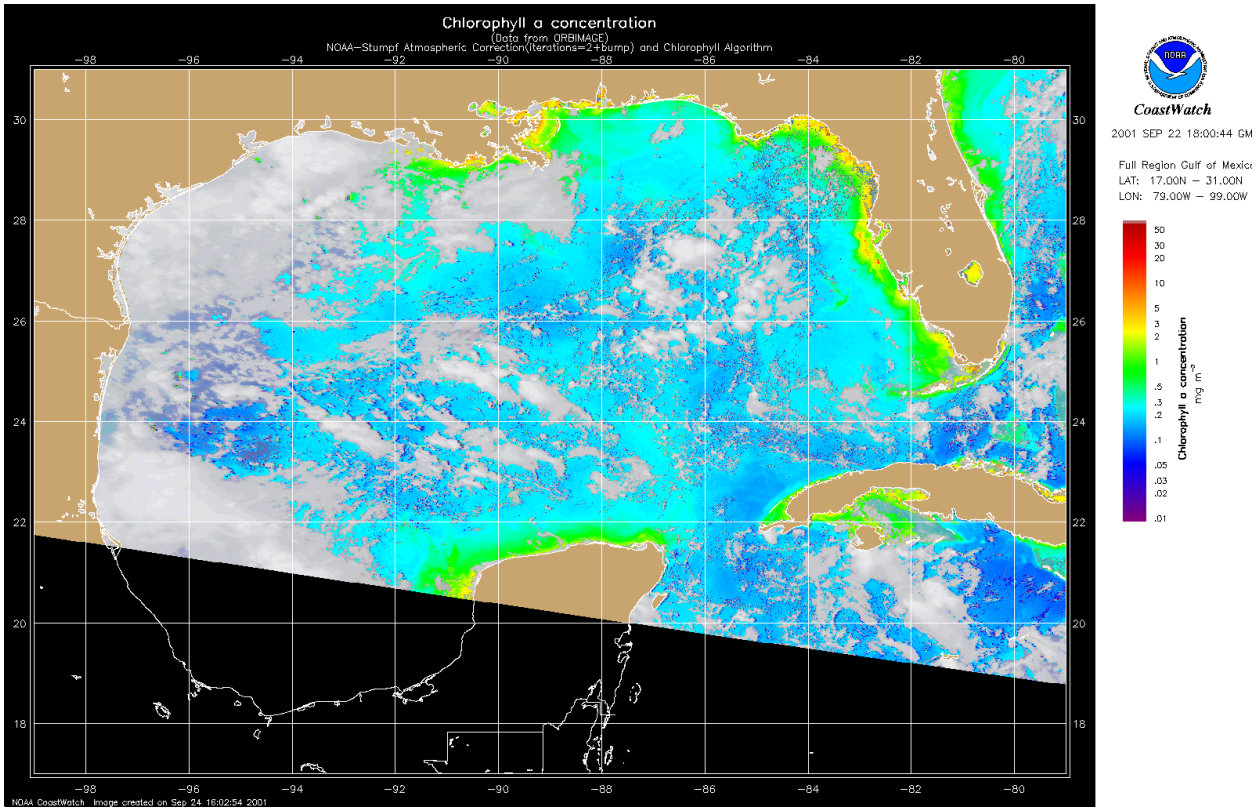
NESDIS/CoastWatch and NDBC

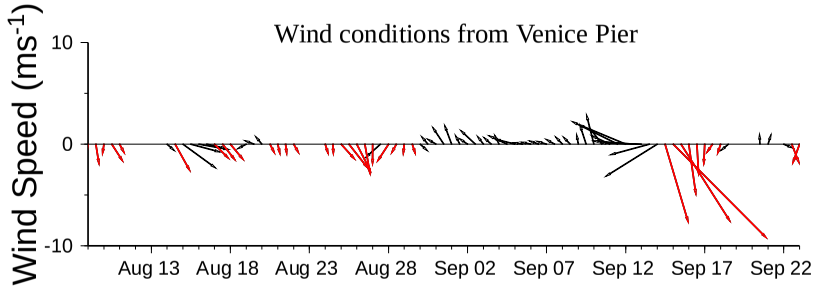
Last bulletin: August 30, 2001

## Analysis

The major area of chlorohyll is now offshore about 3-6 n.miles. On Sep 22, chlorophyll concentrations were extremely high around 82d38'W, 27d8'N, with estimates running from 15-30 ug/L. Other patches of 5-10 ug/L were centered at 82d52'W27d22'N, and 83dW, 2d38'N. Dramatic decrease in blooms south of Sarasota to background levels. Winds have been low with expectation of low and some variability

Stumpf




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.

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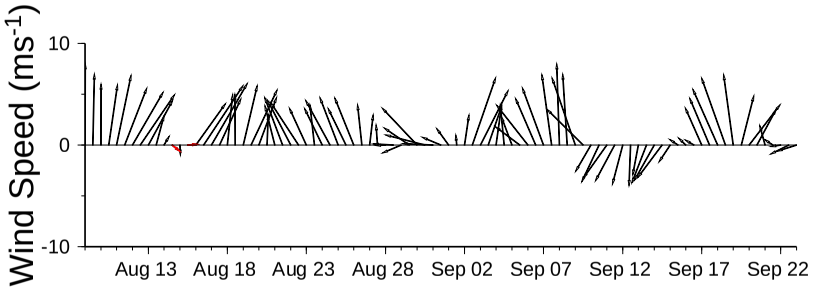
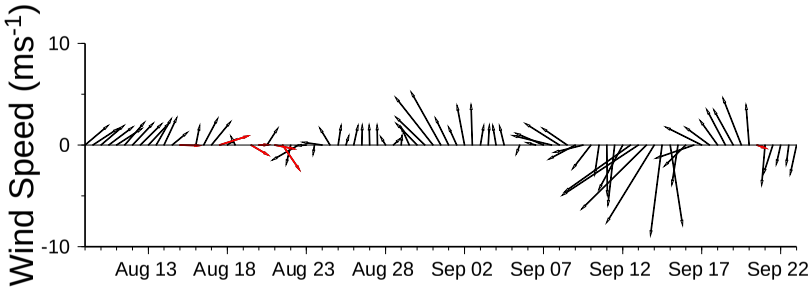
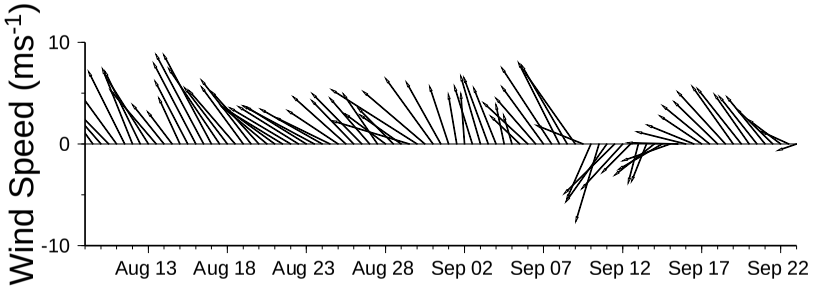
Wind conditions from Sabine, TX

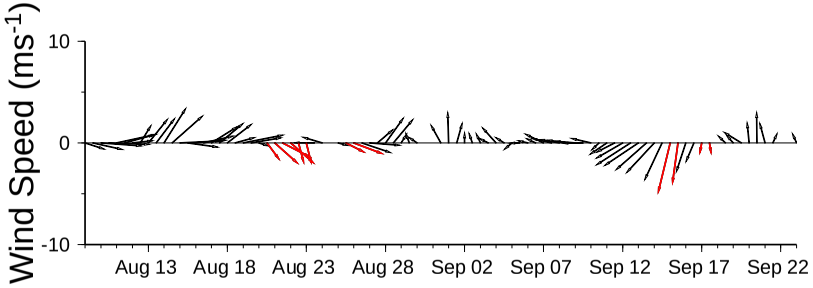



Wind conditions from Dauphin Island, AL




Wind conditions from Port Aransas, TX




Wind conditions from Cape San Blas