Experimental Gulf of Mexico Harmful Algal Bloom Bulletin

20 September 2001

National Ocean Service/NCCOS and CSC

NESDIS/CoastWatch and NDBC

Last bulletin: August 30, 2001

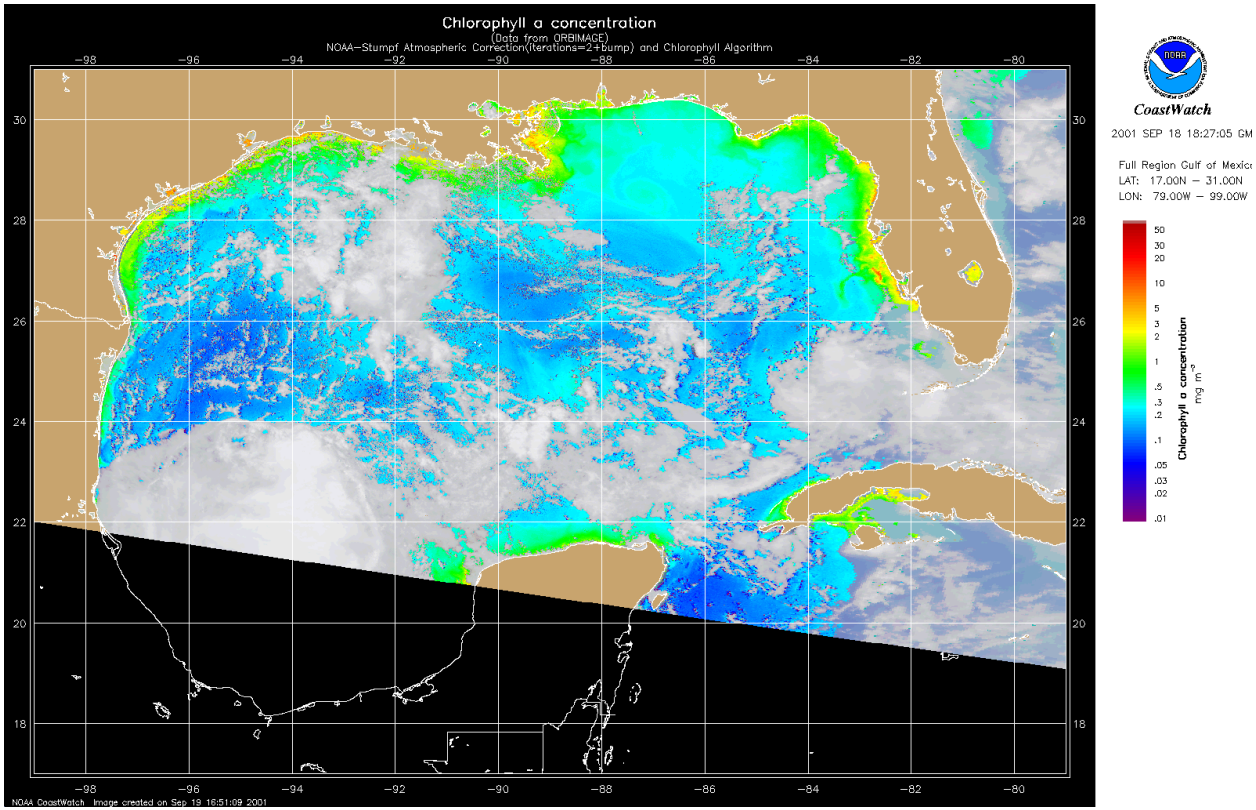
Analysis

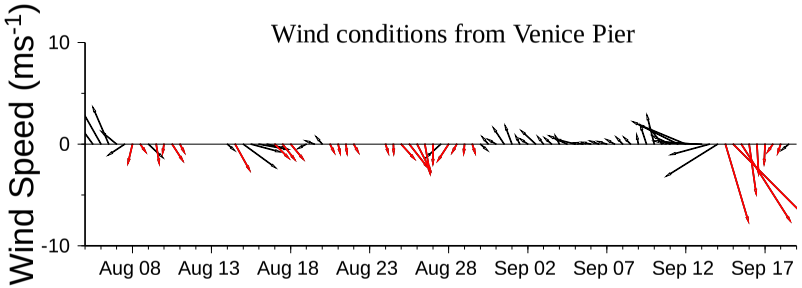
Area of anomalous chlorophyll extends at the coast from Venice to Bradenton (26d55'N to 27d28'N). It also extends offshore 20 n.miles. Around 82d38'W, 26d58'N, chlorophyll over 20 ug/L observed. Concentrations increase going offshore from Tampa Bay to Clearwater, with the maximum of about 2-3 ug/L at 3 to 15 n.miles offshore.

Northward movement of bloom possible in the next day.

Texas: Sep 18 image (not in this report) shows that anomalous chlorophyll from 28dN to Brownsville along Padre Island has intensified slightly.

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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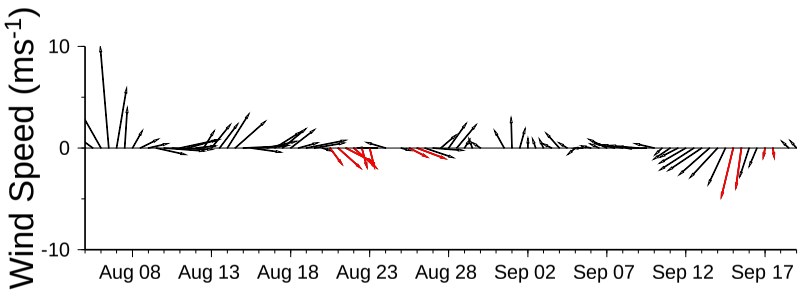
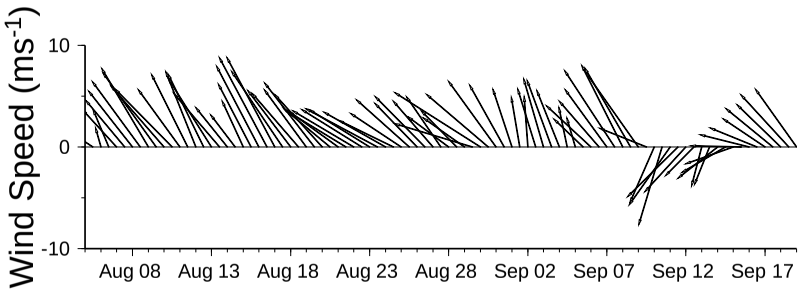
Wind conditions from Cape San Blas



Wind conditions from Port Aransas, TX