



Experimental Gulf of Mexico HAB

Bulletin 9

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Analysis

The cold front of the last week brought extensive cloud cover to the entire region. SW Florida had clear areas right at the shore, but not predictably enough to allow clear interpretation. Oct 11 is the first usable scene. Clearer through the weekend, together with additional field information should bring us up to date.

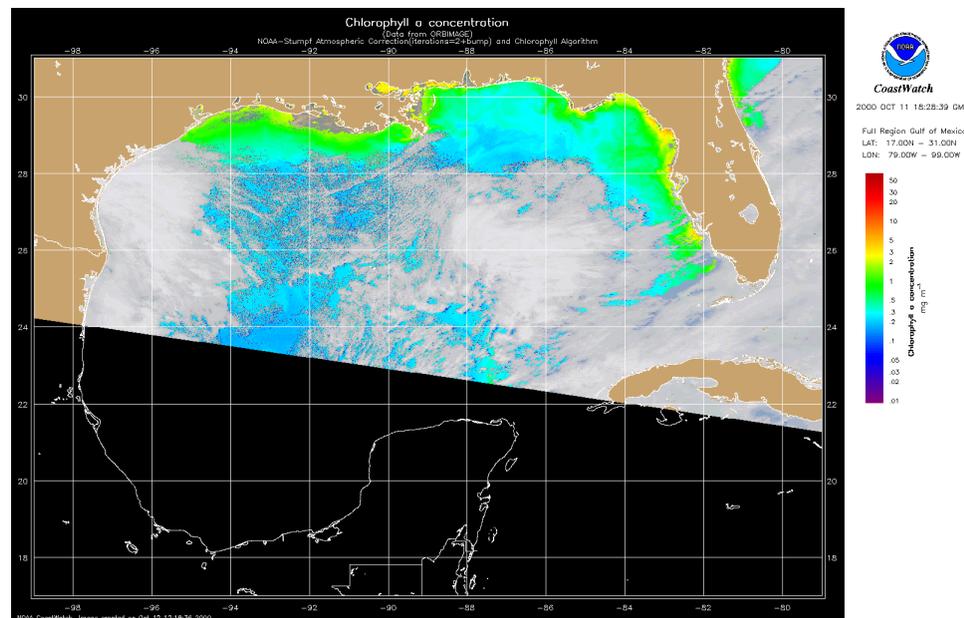
SW Florida: Chlorophyll has dropped over much of the coast. A chlorophyll bloom has become focused off Sanibel around toward Ft. Myers Beach (previously high chlorophyll was spread along the area from Sanibel north to Venice). Near background ($< 1 \mu\text{g/L}$) chlorophyll more than 2-3 km from the coast.

NW Florida: Low chlorophyll between Choctawhatchee and Pensacola ($< 0.5 \mu\text{g/l}$). Some weakly elevated offshore of Panama City ($0.8 - 1.0 \mu\text{g/l}$).

Texas: Decrease in chlorophyll to Oct 11 from Galveston to Matagorda. No evidence of blooms from the imagery. Texas TPWD reports diminished HABs.

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Wind speed and direction are averaged over twelve hours from measurements made on NOAA buoys. Length of line indicates speed; angle indicates direction. Red vectors indicate that wind direction favors upwelling near the coast.

