Conditions: A harmful algal bloom has been identified in Manatee County. Patchy low to moderate impacts possible tonight and in the afternoons from tomorrow to Friday. Very low impacts this afternoon, and in the mornings. The bloom continues to dissipate along the coast.

Analysis: The bloom continues to dissipate along the coast, but is concentrated in Palma Sola Bay, east of Anna Maria County. Fish kills have been reported in the area. Very low concentrations of *K. brevis* have also been reported at the north end of Anna Maria Island and present concentrations at the mouth of Tampa Bay. Intensification of the bloom is unlikely through Friday. Afternoon seabreezes may increase the potential for impacts in Palma Sola and Sarasota Bays.

Cedar Key: FWRI reported a visual sighting of discolored water off of Cedar Key on April 13. Imagery from May 8 indicates a chlorophyll level of >9μg/L south of Cedar Key at 28°59’N 83°9’W. No recent samples available for this area, sampling recommended.

-Stolz, Bronder, Fisher
Chlorophyll concentration from satellite and forecast winds for May 10, 2005 12Z with cell concentration sampling data from May 2, 2005 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).

Blooms shown in red (see p. 1 analysis and image for interpretation)
Wind conditions from Cedar Key, FL