Conditions: Harmful algal blooms have been identified in Florida from Pinellas to Collier County, Dixie to Levy County, and in patches along Alabama and the Florida Panhandle. Patchy very low impacts are possible from Pinellas to Sarasota County and from Dixie to Levy County today through Thursday; with slight possibility for low impacts on Tuesday. Patchy low to moderate impacts are expected from Wakulla to Okaloosa County, FL and Baldwin to Mobile County, AL today through Thursday. Dead fish have been reported in Bay, Walton and Charlotte Counties over the last few days. Dead fish smell, while unpleasant, does not produce the same respiratory irritation as red tide.

Analysis: A harmful algal bloom remains in patches along the Florida Panhandle and Alabama coast. Medium to high *K. brevis* concentrations were identified in Gulf County, FL and Baldwin County, AL early last week. Very low to low concentrations were reported in Mobile and Baldwin Counties, AL on October 20-21 (Alabama Department of Public Health). Satellite imagery is predominantly obscured by Hurricane Rita; however high chlorophyll levels up to 17 μg/L remain outside Mobile Bay. Results of a wind transport model indicate possible bloom movement 45-80km westward since October 20. Dead fish were reported in Bay and Walton Counties over the past few days. Strong northerly winds will minimize impacts at the beach through Wednesday. Westerly and offshore transport and/or expansion is possible.

Fisher, Bronder

Please note the following restrictions on all SeaWiFS imagery derived from CoastWatch.
1. These data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Distribution for military, or commercial purposes is NOT permitted.
3. There are restrictions on Internet/Web/public posting of these data.
4. Image products may be published in newspapers. Any other publishing arrangements must receive OrbImage approval via the CoastWatch Program.
Chlorophyll concentration from satellite and forecast winds for October 25, 2005 06Z with cell concentration sampling data from October 19, 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)
Wind conditions from Dauphin Island, AL