Conditions: Harmful algal blooms have been identified from Pinellas County to Collier County and from Bay to Levy County. The following patchy impacts are possible today and tomorrow, especially in the afternoon: low in eastern Bay, northern Pinellas, southern Lee, and Collier Counties; moderate in central to southern Pinellas, northern to central Manatee, central to southern Sarasota, and northern to central Lee Counties; high in eastern Gulf, western Franklin, southern Manatee and northern Sarasota Counties; very low in eastern Franklin and Charlotte Counties. The following patchy impacts are possible Saturday: very low in eastern Franklin, Pinellas, southern Lee, Collier, northern to central Manatee, central to southern Sarasota, and northern to central Lee Counties; low in eastern Bay, southern Manatee and northern Sarasota Counties; high in eastern Gulf and western Franklin Counties. The following patchy impacts are possible Sunday and Monday: very low in eastern Bay, Pinellas, Lee, Collier, northern to central Manatee, and central to southern Sarasota Counties; low in eastern Gulf, western Franklin, southern Manatee and northern Sarasota Counties. Dead fish have been reported in Dunedin, Bradenton Beach, Sanibel, Fort Myers Beach, Englewood, Cape Coral, Venice, and Bradenton since September 22. Dead fish smell, while unpleasant, does not produce the same respiratory irritation as red tide.

Analysis: Imagery indicates the bloom persists off the panhandle. South of Apalachicola Bay, imagery indicates a chlorophyll concentration >20 \( \mu g/L \) at 29\(^\circ\)20'N 85\(^\circ\)W. Sampling is recommended. Northwestward expansion of the bloom is possible through Monday.

Bronder, Fenstermacher

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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.
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4. Image products may be published in newspapers. Any other publishing arrangements must receive OrbImage approval via the CoastWatch Program.

Winds will be south (10 kts, 5 m/s) today, east (10 kts, 5 m/s) tomorrow, east (15 kts, 8 m/s) Saturday, northeast (15 kts, 8 m/s) Sunday and Monday.
Chlorophyll concentration from satellite and forecast winds for September 30, 2005 12Z with cell concentration sampling data from September 9, 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)