Conditions Report
A harmful algal bloom has been identified in patches at Okaloosa and Walton Counties. In Okaloosa, patchy, none to very low impacts are possible through Tuesday and patchy, low to moderate impacts are possible on Wednesday and Thursday. No impacts are expected in Walton County through Thursday.

Analysis
The bloom in the Panhandle continues to weaken onshore. Samples indicate K. brevis is at low concentrations in Okaloosa, present in Walton and not present from Bay to Wakulla Counties (12/7; FWRI). Imagery indicates an elevated chlorophyll feature (up to 4 μg/L) approximately 18 miles southwest of St. Joseph Bay (29°27’N; 85°36’W). Imagery continues to indicate elevated chlorophyll (>9 μg/L) up to 8 miles offshore of Apalachicola Bay. Cloudiness limits analysis of western extent. Recommend sampling offshore. The continuation of offshore, upwelling favorable winds through Tuesday may increase bloom intensity and reduce onshore impacts. Strong onshore winds Wednesday and Thursday may transport bloom onshore and increase likelihood of impacts.

Fenstermacher & Stolz

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1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive OrbImage approval via the CoastWatch Program.

NW Florida: Northwesterlies today followed by northeasterlies to easterlies on Tuesday (10-15 knots; 5-8 m/s). Southeasterlies on Wednesday increasing in strength in the evening (10-20 knots; 5-10 m/s). Strong southwesterlies on Thursday morning (20-25 knots; 10-13 m/s).
Satellite chlorophyll image and forecast winds for December 13, 2005 12Z with cell concentration sampling data from December 2 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).

Verified HAB areas shown in red. Other bloom areas shown in yellow (see p. 1 analysis for interpretation).