Conditions Report

Harmful algal blooms have been identified in patches from Okaloosa to Bay Counties. Very low impacts are possible in Bay County today, with no impacts tomorrow through Wednesday. Patchy moderate impacts are possible in Okaloosa County today and Wednesday, with no impacts tomorrow. Dead fish have been reported in Okaloosa County over the past few days. Dead fish smell, while unpleasant, does not produce the same respiratory irritation as harmful algal blooms.

Analysis

The bloom persists in the panhandle of Florida. FWRI sample data from last week had a medium concentration of *Karenia brevis* in Okaloosa County. Dead fish have been reported there as well. Imagery from December 4 indicates a chlorophyll concentration >6 μg/L south of Apalachicola Bay at 29°28'N 85°03'W. A wind transport model indicates 15 km of possible eastward bloom movement since December 1. No bloom movement is expected through Wednesday.

Bronder, Fenstermacher

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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.

Wind conditions from Tyndall AFB Tower C

Winds will be southwest (20 kts, 10 m/s) today, north becoming northeast (15 kts, 8 m/s) tomorrow, east Wednesday.
Satellite chlorophyll image and forecast winds for December 6, 2005 12Z.

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