Gulf of Mexico Harmful Algal Bloom Bulletin
14 November 2005
National Ocean Service
National Environmental Satellite, Data, and Information Service
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Conditions: Harmful algal blooms have been identified in patches in Dixie, Levy, Sarasota, and Lee Counties. Patchy very low impacts are possible in Dixie, Levy, Lee, and Sarasota counties today through Tuesday, with patchy low to moderate impacts possible Wednesday and Thursday. A second bloom has been identified in patches in Okaloosa, Bay, and Franklin Counties. Patchy very low to low impacts are possible in Okaloosa County, with patchy very low to moderate impacts possible in Bay and Franklin Counties today through Thursday.

Analysis: Bloom remains in patches from Wakulla to Bay County and in Okaloosa County. Imagery on 11/13 indicates that elevated chlorophyll concentrations (>10 μg/L) remain around Apalachicola Bay. A high chlorophyll patch (>10 μg/L) also exists off Franklin County from 84° 34’W, 29° 47’N to 84° 26’W, 29° 50’W. Recent sampling data indicates low to medium K. brevis concentrations in Franklin and Bay Counties (FWRI, 11/7-8).

Easterly winds may increase beach impacts in Franklin County. Westerly transport is possible through Thursday.

~Keller, Stolz

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NW Florida: Easterly to southeasterly winds today through Tuesday (5-10 knots, 3-5 m/s). South winds Tuesday night (5-10 knots, 3-5 m/s), with westerlies on Wednesday (10 knots, 5 m/s). Strong north winds Wednesday night (20 knots, 10 m/s). Northeast winds on Thursday (15-20 knots, 8-10 m/s).
Chlorophyll concentration from satellite and forecast winds for November 15, 2005 12Z with cell concentration sampling data from October 31, 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)