Conditions Report
There is no indication of a harmful algal bloom in northwest Florida and Alabama. No impacts are expected today through Wednesday, January 16.

Analysis
Samples received from Mobile and Baldwin County Alabama continue to indicate that *Karenia brevis* is either not present or at background concentrations (Alabama Department of Public Health; 1/1-9). Samples received last week from coastal Santa Rosa County, coastal and bay regions of Okaloosa County and bay regions of Walton County indicate that *K. brevis* is not present and that non-harmful algae is present at elevated concentrations (FWRI; 9/8). Please note that due to technical difficulties, SeaWiFS imagery is temporarily unavailable; MODIS imagery (1/12) is displayed on pages 1 and 2 of this bulletin. MODIS imagery indicates that chlorophyll levels have intensified onshore Baldwin County, Alabama and Escambia County, Florida since 1/9. Levels are currently greater than 7 μg/L. Chlorophyll levels remain constant along the remainder of the Florida panhandle.

Urizar, Keller

Wind conditions from Panama City, FL

Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

NW Florida: Northerly to northwesterly winds today (10-20 kt, 5-10 m/s). Northerly winds Tuesday (10-15 kt, 5-8 m/s). Northeasterly winds Tuesday night and Wednesday (10-25 kt, 5-13 m/s). Easterly winds Wednesday night (20-30 kt, 10-15 m/s).
Satellite chlorophyll image and forecast winds for January 15, 2008 12Z with Cell concentration sampling data from January 4 to 11 shown as red (high), orange (medium), yellow (low b), brown (low a), blue (very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide: http://www.csc.noaa.gov/crs/habf/habfs_bulletin_guide.pdf

Verified and suspected HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).
Wind conditions from Dauphin Island, AL