



# NOAA REPORT



**NOAA Report** is an administrative document, issued by the National Oceanic and Atmospheric Administration for the information and use of agency personnel.

January 25, 1988

## COMING UP

68th Annual Meeting of the American Meteorological Society in Anaheim, Calif., Jan. 31 - Feb. 5.

Marine Fisheries Advisory Committee Meeting in La Jolla, Calif., Feb. 3-4.

World Meteorological Organization Bureau Meeting in London, U.K., Feb. 8-11.

Annual Meeting of the American Association for the Advancement of Science in Boston, Mass., Feb. 11-15.

National Fish and Seafood Promotional Council Second Meeting in San Diego, Calif., Feb. 14-20.

**Phytoplankton Monitoring Improved:**--Al Matte at NOAA's Northeast Fisheries Center has developed a portable, underway, continuous system for monitoring phytoplankton levels by NOAA vessels and other ships cooperating in the MARMAP (Marine Monitoring, Assessment, and Prediction) surveys of the northeast's Continental Shelf. The device, which is hooked up to a ship's sea-water intake system and can operate unattended for a day-and-a-half, provides both surface-water fluorescence values (the amount of chlorophyll which represents the amount of phytoplankton) and Loran-C locations every minute. This interval permits mapping of sea-surface phytoplankton levels with about 300-meter resolution - twice as good as satellite sensors currently in use. Phytoplankton is a vital component of the oceanic food chain.

**Radiosonde Recycling Pays:**--Over \$600,000 was saved in FY 87 by reconditioning radiosondes, the balloon-borne instruments used by the Weather Service for upper air measurements. When the balloon bursts at high altitudes, the radiosonde floats to earth under a parachute and, if it is found and returned to the Weather Service, it may be repaired and sent aloft again.

**Tornado Tracking:**--In an effort to improve severe storms reporting in Alabama, Paul Pettit, head of the Montgomery Weather Service Office, has helped the state's emergency management agency prepare a special weather plotting chart. The chart includes a standard base map on which severe storm information may be plotted, along with information on reporting procedures and weather safety rules. The chart has been distributed to law enforcement agencies, fire departments and rescue squads, and special 24-hour warning points throughout Alabama.

**Pacific Coast Groundfish Restrictions:**--The National Marine Fisheries Service has published 1988 fishing restrictions for widow rockfish, the Sebastes complex of rockfish, Pacific ocean perch, and sablefish taken off the coasts of Washington, Oregon, and California. The limits are intended to lower fishing rates, reduce or prevent biological stress, allow unavoidable incidental catches in other fisheries to be landed, and avoid or reduce the probability of a fishery closure before the end of the year.

**Puerto Rican Coastal Management Review:**--NOAA will hold a public meeting and conduct interviews in San Juan, Puerto Rico, Jan. 25-29 to evaluate the Commonwealth's Coastal Management Program. Areas of interest to the evaluation team, led by NOAA's Eric Hughes, include timetables for completing the Special Planning Areas and Natural Reserves process, status of work, program monitoring and enforcement efforts, and public education initiatives.

**OAR's Dr. Fiske Edits Anthropological Text:**--Dr. Shirley J. Fiske, Program Director for Social Sciences and Marine Policy in NOAA's National Sea Grant College Program, co-edited "Anthropological Praxis: Translating Knowledge into Action," Westview Press' lead text in anthropology and archaeology which was published this fall. The 20-chapter-book describes contributions of anthropologists solving real world problems outside academia--directing a successful reforestation project in Haiti for the U.S. Agency for International Development; leading a law reform effort for the legislature of Papua, New Guinea; and identifying the source of mysterious lead poisoning among United States ethnic populations. One chapter describes how anthropologists, familiar with U.S. Navy bureaucracy and native concerns in Truk, Micronesia, mediated a conflict and averted a costly lawsuit over the expansion of a runway into the reef fishing areas of several villages.

**Hydrologist Honored:**--Recently retired Commonwealth Hydrologist Robert Calvesbert has been named Puerto Rico's Non-supervisory Federal Employee of the Year for 1987. This island-wide honor comes on the heels of Calvesbert's earlier honor as a recipient of the Commonwealth's Inspiration Award for his work in environmental protection. Calvesbert was Commonwealth Hydrologist for 15 years before his retirement in October 1987.

**PLEASE SHARE THIS COPY OF NOAA REPORT WITH OTHERS IN YOUR OFFICE.**

# **National Oceanic and Atmospheric Administration**

## **ERRATA NOTICE**

One or more conditions of the original document may affect the quality of the image, such as:

Discolored pages

Faded or light ink

Binding intrudes into the text

This has been a co-operative project between the NOAA Central Library and the Climate Database Modernization Program, National Climate Data Center (NCDC). To view the original document, please contact the NOAA Central Library in Silver Spring, MD at (301) 713-2607 x124 or [Library.Reference@noaa.gov](mailto:Library.Reference@noaa.gov)

HOV Services  
Imaging Contractor  
12200 Kiln Court  
Beltsville, MD 20704-1387  
July 23, 2010