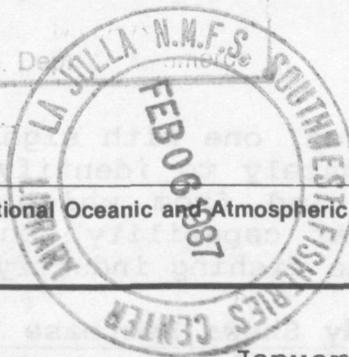




# NOAA REPORT

MAY 11 1992

U.S. DEPARTMENT OF COMMERCE



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

January 29, 1987

## COMING UP

153rd National Meeting of the American Association for the Advancement of Science in Chicago, Ill., Feb. 14-18.

GOES-H launch from Cape Canaveral, Fla., Feb. 19.

Rhode Island Fish Expo in Newport, R.I., Feb. 20-21.

Symposium on 180th anniversary of the founding of the "Survey of the Coast" in Rockville, Md., Feb. 26.

**Storm Effects on Fish Studied:**--Pacific Marine Environmental Laboratory scientists next month will fly through severe storms over Alaska to measure their effect on the transport of fish eggs and larvae from their spawning grounds.

Beginning about Feb. 15, a NOAA research aircraft operating from Anchorage will fly patterns through severe storms on successive days, according to Bernard A. Walter of the Pacific Marine Environmental Laboratory in Seattle.

The scientists will try to predict fast-developing storms over the Bering Sea and Gulf of Alaska, and document their effect on area waters and marine life. Data will be collected aboard the aircraft and from instrument packages dropped into the ocean, describing water temperature, depth of its mixed layer, vertical current profiles, and other information.

Weather analyses will be made just before and after the flights, according to Dr. Melvyn Shapiro of the Environmental Research Laboratories. NOAA weather satellites and ocean buoys moored in the area also will provide information.

The effort is part of a larger, multi-year Fisheries-Oceanography Coordinated Investigations program involving the ERL and the National Marine Fisheries Services.

The program, one with significant economic implications, is designed ultimately to identify environmental factors which can be monitored and from which the size of fisheries can be forecast. That capability would substantially aid operational planning by the fishing industry.

**NOAA Study Shows Decrease in Food Shortages:**--A brief study put together by NOAA's Assessment and Information Services Center suggests that unusually favorable weather over the world's growing areas during the past two years has contributed to a marked decrease in the number of countries reporting food shortages - the lowest levels in at least nine years. At the end of 1986, only 11 countries reported abnormal food shortages. During 1984, following widespread drought in Africa, 40 countries reported food shortages.

**NOAA To Produce Fish Oil for Testing:** NOAA will furnish scientists studying the health benefits of fish oil in the human diet a source of standardized test materials of guaranteed quality and composition.

Until now, there has been no consistent and reliable source of test materials from fish oil or its derivatives. This has hampered research and made results between experiments difficult to compare.

The standardized test materials, being provided for the first time by NOAA, consist primarily of refined menhaden oil and concentrates of certain of its active chemical components. The fish oil will be produced by the National Marine Fisheries Service Charleston, S.C., laboratory in an agreement with the National Institutes of Health and the Alcohol, Drug Abuse, and Mental Health Administration.

The materials will be available this year and will be used in investigations approved, and in some cases sponsored, by the two organizations.

Evidence has been accumulating over the past several years that the oil found in fish and shellfish, in particular components known as omega-3 polyunsaturated fatty acids, can have a beneficial effect on human health, especially regarding heart disease and stroke.

**Two Named AMS Councilors:**--Dr. Elbert W. (Joe) Friday, Deputy Assistant Administrator for Weather Services, and Dr. William D. Bonner, Director of the National Meteorological Center, were elected for 3-year terms as councilors of the American Meteorological Society at the organization's recent meeting in New Orleans, La.

**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