



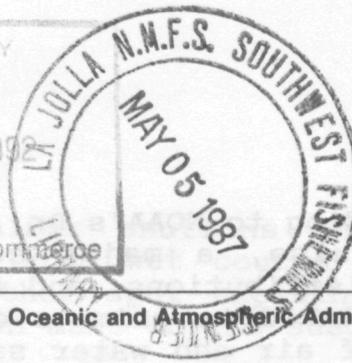
NOAA REPORT

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NOAA

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

April 29, 1987

COMING UP

World Meteorological Organization Congress in Geneva, Switzerland, May 4-29.

International Hydrographic Organization Conference in Monte Carlo, Monaco, May 5-15.

Dedication of new National Weather Service Forecast Office facility in Boston, Mass., May 6.

NOAA/U.S. Geological Survey quarterly hydrologists' meeting in Silver Spring, Md., May 13.

American Geophysical Union spring meeting in Baltimore, Md., May 18-22.

Dedication of new National Weather Service Forecast Office facility in Norman, Okla., May 22-23.

NOAA Awards Luncheon, 11:30 a.m., at Andrews Air Force Base Officers' Club, Md., May 22.

Coastal Zone Expo 87 in Seattle, Wash., May 25-29.

U.S. Scientists To Join Soviet Research Cruise:--NOAA's global climate investigations broaden next month when 13 U.S. scientists will board a Soviet Union research vessel for a cruise of the western Pacific and Indian Oceans, investigating how human impact on the natural chemistry of the atmosphere and oceans is influencing global climate. The cruise aboard the research vessel Academician Korolev begins in early May at Hilo, Hawaii, for scientists from NOAA, the Scripps Institution of Oceanography, Washington State University, the University of Hawaii, the University of Washington, and the Oregon Graduate Center.

According to NOAA's Dr. Richard Gammon, chief U.S. scientist on the cruise, a major scientific goal is to evaluate the sources, distributions, and fates of a variety of trace gases and aerosols linked to climate change. The evaluation will involve analysis of air and water samples obtained from a wide range of marine environments extending from the frigid western Bering Sea to subtropical waters east of Japan, and including biologically-rich waters on the equator in both the western Pacific and the Indian Oceans.

The U.S. National Climate Program Office is sponsoring United States participation in the cruise, with major support from the National Science Foundation.

Awards Luncheon Activities:--Posters and flyers promoting the May 22 NOAA Awards Luncheon have been printed and distributed throughout the Washington metropolitan area by the Office of Public Affairs. The first tickets for the event, scheduled for 11:30 a.m. at Andrews Air Force Base Officers' Club, have already been sold.

Fishing Industry Benefits from EEZ:--Americans are harvesting more fish and selling more of those fish to foreign processing vessels than before, the National Marine Fisheries Service says. Over the past several years, U.S. fishermen have increased their take substantially, foreign fish catches in the United States' 200-mile-wide exclusive economic zone have plummeted, and American fishermen have expanded by a considerable margin their joint venture operations, in which they sell their catch at sea to foreign processing vessels. In 1986, for example, U.S. joint venture operators unloaded onto foreign vessels a record 2.9 million pounds of fish, worth \$155 million, also a record. The joint venture catch in 1985 was 2 billion pounds, worth \$104 million.

Maryland, NOAA To Share Oxford Fishery Lab: The State of Maryland will share the facilities of the NMFS fisheries laboratory in Oxford, Md. NOAA's 13,000 square-foot laboratory on the Tred Avon River houses 22 biologists and other federal workers. Under an agreement between the State and NOAA, Maryland will assume the day-to-day costs of running the facility, although NOAA will retain ownership of the laboratory. NOAA scientists will continue their work at the laboratory, which is considered one of the east coast's preeminent research centers for work on fish and shellfish diseases, and Maryland will be able to use valuable "wet lab" facilities.

TV Viewers Warned of Summer Dangers:--If a thunderstorm threatens or it gets too hot for comfort this summer, take cover. This common sense advice is part of the safety messages in three public service announcements distributed this week to 184 stations in 46 states and Puerto Rico by the Office of Public Affairs. The safe summer package includes a new animated spot warning viewers that lightning claims an average of 100 victims

each year. Meanwhile, Arnold Palmer cautions golfers that wearing spikes and holding a club on a wet course makes them perfect lightning rods. Still another spot explains that the combination of hard work and heat can make anyone susceptible to heat stress.

PC-Based Climate Data:--Seventy-four developing countries are in the process of procuring and installing the joint World Meteorological Organization/NOAA Climate Computer, a relatively inexpensive personal-computer-based system for storing and manipulating climate data. Systems are installed in seven countries, eight have ordered the system, 29 have obtained funding, and 30 countries have requested funding. Use of the system, developed by NOAA's National Climatic Data Center, will ensure that climate records are preserved and will facilitate global exchange of the data.

Direct Deposit Gains:--NOAA's overall program to promote direct deposit of paychecks is growing. The National Capital Administrative Support Center reports that nearly 200 employees switched away from paycheck delivery at the office in the last month.

Suit Seeks Right To Photograph Monitor:--Gary Gentile, a diver and photographer, is seeking an injunction against NOAA from enforcing its denial of a permit to photograph the shipwreck of the USS Monitor in the Monitor Marine Sanctuary off the coast of North Carolina. NOAA has denied the permit because the proposal did not conform to the safety standards contained in the NOAA Diving Regulations.

Charles Kearse Awarded Colbert Medal:--Charles Kearse of the NOS Office of Marine Operations, has been awarded the Colbert Medal by the Society of American Military Engineers. The medal is given annually to members of the National Ocean Service in recognition of outstanding contributions to engineering through achievement in design, construction, administration, research, or development. Kearse was given the award for his successful procurement and implementation of the SEABEAM system on the NOAA Ship Discoverer, and his implementation of the NOS Quick Reaction Task Order System. Kearse is the only individual to receive this award twice. He was first honored in 1973.

Fuel Quality Study:--NOAA has assisted the Department of Energy in preparing a study for the Environmental Protection Agency on gasoline volatility throughout the seasons. John Hughes, of the National Climatic Data Center in Asheville, N.C., provided the DOE with normal minimum temperature data for several locations throughout the United States. These data, along with vapor pressure data, will be used to adjust fuel volatility ceilings.

Seafood Marketing Promotion Gets USDA Boost:--The U.S. Department of Agriculture has awarded a grant of \$1.5 million to

the Alaska Seafood Marketing Institute to fund market promotion programs in Europe and Japan. The award was provided under the Targeted Export Assistance Program, which is designed to assist U.S. farm and food-producing sectors hard hit by unfair trade practices by foreign competitors.

NOAA Provides Fire-Weather Advice to Spain:--At the request of the Spanish government, A.A. Dreumont of the Boise Idaho, Weather Service Forecast Office, flew to Madrid to describe NOAA's fire weather program to students and meteorologists at a forest wildfire suppression course in March and April. The project was sponsored by Spain's Ministerio De Agricultura, Pesca, y Alimentacion (Ministry of Agriculture, Fisheries, and Food).

SWIS Field Tests Completed:--The first 12 Satellite Weather Information Systems (SWIS) installed at Weather Service Offices to help forecasters relate conventional weather observations to satellite data have successfully completed a Mean Time Between Failure test demonstrating their reliability and ease of maintenance. SWIS deliveries to 63 NWS field stations across the nation will recommence in May. All systems will be in place by the end of the year.

Agreement on Columbia River Salmon and Steelhead:--A decade of dispute and litigation over the killing of salmon and steelhead at Rock Island Dam on the Columbia River in Washington came to an end recently with a new agreement between federal and state fishery agencies, Indian tribes, regional utilities, and a conservation organization. Under this landmark settlement, measures valued at \$30-50 million will be undertaken, including the design and installation of mechanical devices to pass juvenile fish around the dam rather than through power turbines, water spilled over the dam to protect fish until these devices are in place, construction of new central and satellite hatchery facilities, and improvement in fish ladders to allow adult fish to migrate to their spawning areas.

Parties to the settlement are the National Marine Fisheries Service, the Confederated Tribes of the Umatilla, Yakima, and Colville Indian Nations, the states of Oregon and Washington, the National Wildlife Federation, the Chelan County Public Utility District, and the Puget Sound Power and Light Company.

In 1983, NOAA, the state of Washington, the Yakima Indians and the National Wildlife Federation went to court to challenge the issuance of a new 40-year license to Rock Island Dam because the license lacked specific fish mitigation conditions. In a case that eventually went to the U.S. Supreme Court, the agencies and tribes successfully overturned that license. The settlement will allow the new license to be issued, but will include the fish mitigation conditions.

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National Oceanic and Atmospheric Administration

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