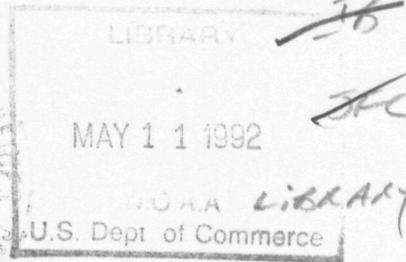
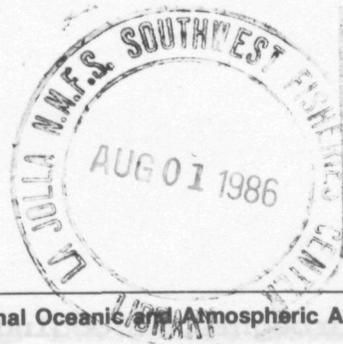




# NOAA REPORT



**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.

July 23, 1986

## COMING UP

NOAA Science Seminar Series: (double seminar)  
"Evaluation of PROFS 1985 Convective Weather Forecasts;"  
Mary C. McCoy, ERL, and "A Comparative Evaluation of Three  
Radar-Based Hail Detection Algorithms;" Herb A. Winston,  
ERL, WSC-5, Room 926, 10:00 a.m., July 25.

NOAA Science Seminar Series: "Mariner Reports for  
Safety at Sea;" Paul A. Jacobs, NWS, WSC-5, Room 926, 10:30  
a.m., Aug. 1.

NACOA meeting on the role and missions of NOAA;  
Washington, D.C. Aug. 4-5.

National Climate and Water Management Conference in  
Asheville, N.C., Aug. 4-8.

NOAA-G polar-orbiting satellite launch from Vandenberg  
AFB, Calif., Aug. 22.

NOAA Regional Users Conference in New Orleans Sept. 10-  
11.

Oceans '86 in Washington, D.C., September 23-25.

Climate and Water Resources Meeting Set:--More than 50  
scientists will meet at two conferences in Asheville, N.C.,  
August 4-8 to discuss the effect of climate on the nation's  
critical water resources. Sponsored by NOAA and the American  
Meteorological Society, the conferences, "Climate and Water  
Management - A Critical Area" and Human Consequences of 1985's  
Climate," will have 80 presentations on the use of climatic data

to forecast droughts, flooding and acid rain, and determine the allocation of water resources for agriculture and irrigation, aquaculture, hydrology, transportation, energy, and recreation. The event will include a review of the human and economic effects of major weather events of 1985, including droughts in the southeast and northeast, record-high water levels in the Great Lakes and Great Salt Lake, hurricanes Elena, Gloria, and Juan, tornado outbreaks in Ohio, Pennsylvania, and New York, and flooding in West Virginia, Virginia, and Maryland and Pennsylvania.

Conferees will tour NOAA's National Climatic Data Center, the largest source of climate information in the world, which will include a demonstration of a new drought monitoring system and a display of the NOAA-developed, low-cost climate data management system now being used by third-world countries to modernize their weather archives.

**Boise Weather Office Shares Award:**--The Department of Agriculture has awarded its highest honor -- the Distinguished Service Award -- to the Boise Interagency Fire Center and its tenant agencies for exemplary services provided during the record fire season last year. NOAA, through its Weather Service Forecast Office headed by Al Dreumont, was one of the recipients. According to Dreumont, the fire-season reached a climax during July and August of 1985 when three major fires burned out of control simultaneously devastating over 3 million acres. The NOAA office responded with several fire weather mobile units, additional scheduled briefings for land managers, and a near-record number of pilot weather and media briefings. Other agencies sharing the award were the U.S. Park Service, U.S. Forest Service, Bureau of Land Management, Bureau of Indian Affairs, Fish and Wildlife Service, and Office of Aviation Services.

**February Solar Storm Wreaks Havoc:**--In a report published in the June 24 issue of EOS magazine, Dr. Joe Allen of the National Geophysical Data Center describes the solar storm occurring on February 6-15, and peaking on the 9th. The storm-generated electric currents caused changes in the Earth's magnetic field at high latitude, which were the largest deviation in the past 40 years, Allen writes. Navigation by compass and magnetic surveys were rendered useless. Huge increases in x-ray radiation,

causing increased ionization in the ionosphere were noted. The magnetic storm also caused the auroral zone to move equatorward by some 20 feet from its normal position. Other effects of this storm were satellite anomalies at geosynchronous orbit, increased satellite drag at low altitudes, several high frequency radio communications path outages, and serious electrical power outages on long lines.

Media Pool Considered For Hurricane Center:--When a hurricane threatens, the news media descend on NOAA's National Hurricane Center in Miami, eager for first-hand information on the storm. Plans for permitting maximum, timely media coverage without interfering with the center's forecast and warning responsibilities during hurricane emergencies were discussed at NHC last week by PA Director Jack LaCovey, NWS PA Officer Don Witten, Center Director Neil Frank, and 16 members of the national, regional, and local media. Under consideration is a pool arrangement, to go into effect on the naming of a hurricane watch, which will allow two pool cameras, covering all TV interests, in the Center. Priority treatment will go to representatives of areas affected by the storm. Local TV outlets would set up monitors in the Center's briefing room, and print press would be regularly briefed. This proposed system, awaiting expected ratification, would limit access to the Center and reduce confusion significantly, while providing continuing coverage to the six regular satellite feeds operating in the city.

Fishery Management Council Appointments:--Secretary Baldrige has announced the appointment of 18 people to the nation's eight Regional Fishery Management Councils. The councils, established by the Fishery Conservation and Management Act of 1976, prepare management plans for fish stocks within their geographic areas. Council members are selected from nominees submitted by the governors of the states served by each council. The appointments, effective August 11, include:

Caribbean: Lawrence Benjamin, Sr., managing director, Reichhold Center for the Arts, St. Thomas, Virgin Islands.

Gulf of Mexico: George A. Brumfield, vice president, operations, Zapata Haynie Corp., Moss Point, Miss.; John M. Green, president, Mil-Vid Properties, Inc., Beaumont, Tex.; Mary A. Kumpe, governing board member, Southwest Florida Water Management District, Brooksville, Fla.

Mid-Atlantic: Lee G. Anderson, professor of economics and marine studies, College of Marine Studies, University of Delaware, Newark, Del.; Harry M. Keene, president, Bay Country Industrial Supply Co., Inc., Easton, Md.; James F. McHugh, consultant to a fiberglass boatbuilding company, Hampton, Va.; Thomas J. McVey, retired commercial fisherman, Cape May N.J.

New England: Richard B. Allen, vice president, Atlantic Offshore Fishermen's Association, Newport, R.I.; Herbert P. Drake, Drake's Harborside Fish Market, Rye Harbor, N.H.; William A. Lund, Jr., associate professor, University of Connecticut Marine Research Laboratory, Noank, Conn.

North Pacific: Lawrence P. Carter, president, International Longshoremen's and Warehousemen's Union, Local 200, Juneau, Alaska; John R. Winther, owner and operator of a fishing vessel, Petersburg, Alaska.

✓ Pacific: Roger Thomas, captain of a commercial passenger fishing vessel, Sausalito, Calif.

South Atlantic: Jewell C. Pendarvis, social secretary, Pendarvis Chevrolet, Olds, Edgefield, S.C.; William R. Shell, attorney, Murchison, Taylor, & Shell, Wilmington, N.C.

✓ Western Pacific: Joseph A. Langkilde, commercial fisherman and owner Tautai Fisheries, Pago Pago, American Samoa; Gertrude I. Nishihara, founder and director, Hawaii Fishing Coalition, Wahiawa, Hawaii.

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# **National Oceanic and Atmospheric Administration**

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