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**Weather Services Symposium Draws Renowned Scientists**

A symposium on "A Century of Weather Progress," opened Feb. 12 at the Washington Hilton Hotel, Washington, D. C., to mark the centennial of the weather services of the United States and to launch the nation's weathermen into their second century of service to the public.

The event brings together scientists whose work has revolutionized meteorology since World War II -- the men and women responsible for introducing computer forecasting, for developing the satellite instruments of today and tomorrow, and for recent achievements in weather modification.

The symposium, which continues through Feb. 14, also marks the 50th anniversary of the founding of the American Meteorological Society, the weathermen's professional organization.

The scientists not only are reviewing the major advances of recent years, but are predicting future developments in meteorology and instrumentation. Also on the program are discussions of progress in meteorology as it affects health, safety, recreation, air and sea transportation, insurance, industry, and construction. Sessions on environmental pollution and the ecology are of special current significance.

Dr. Lee A. DuBridge, the President's Science Advisor, is the principal speaker at a banquet in the Hilton's International Ballroom, Friday evening. Secretary of Commerce Maurice H. Stans is also featured on the banquet program.

Dr. Robert M. White, ESSA Administrator, opened the symposium Thursday morning, with a keynote address entitled "The Weather for Tomorrow." The morning program also included Edward N. Lorenz of the Massachusetts Institute of Technology, and Dr. B. J. Mason, who heads the British weather service.

The afternoon schedule included presentations by scientists who have made some of the major contributions to modern forecasting: Julian Bigelow of the Institute for Advanced Study; Vincent E. Lally of the National Center for Atmospheric Research; David Q.



Wark of the National Environmental Satellite Center; and V. E. Suomi of the University of Wisconsin.

Friday morning's program (Feb. 13) included discussions of the relationships between weather and health, safety, and recreation, featuring George A. Lincoln of the Office of Emergency Preparedness; John T. Middleton, who heads the National Air Pollution Control Administration; Dr. George P. Cressman, Weather Bureau Director; and Donald P. Dunlop of the Office of the Secretary of the Interior.

Topics for Friday afternoon were food and water supplies, and insurance, industry, and construction. On the program were William C. Ackermann of the Illinois State Water Survey; Roger Revelle of Harvard University; Thomas F. Malone, The Travelers Insurance Company; and Charles Pennypacker Smith, Pacific Gas Transmission Company.

The symposium concludes Saturday, Feb. 14, with discussions on transportation by Clifton von Kann of the Air Transport Association; ecological adaptation by David M. Gates, an ecologist from the Missouri Botanical Garden; weather modification by E. G. Bowen of Australia, Dr. Joanne Simpson, leader of ESSA's cloud modification experiments, Dr. Syukuro Manabe, ESSA's Geophysical Fluid Dynamics

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(SYMPOSIUM continued from page 1)

Laboratory, and Walter Orr Roberts of the University Corporation for Atmospheric Research.

### U.S. Coast Pilot Book Updated

A new edition of U. S. Coast Pilot 8--a 254-page nautical book describing the panhandle section of Alaska between the southern boundary and Cape Spencer-- has been published by the Coast Survey. The last edition, covering this Alaskan area with a general ocean coastline of 250 miles and a tidal shoreline of 11,085 miles, was issued in 1962. Copies may be purchased for \$2.50 from the Coast Survey's Distribution Division or from Coast Survey sales agents in ports throughout the area.



Ed Newman, master of ceremonies, (right) interviews Dr. Robert M. White, ESSA Administrator, on NBC's Today show, Monday, Feb. 9.

### ESSA Employee Wins Army Bronze Star

Charles F. Hill, an accounting technician in the Cost and Obligation Section of ESSA's Finance Division, has been awarded the Department of the Army Bronze Star Medal for heroism in the Republic of Vietnam on August 23, 1968. Mr. Hill has been an ESSA employee since Nov. 1969.

### California/Florida Airports Surveyed

A C&GS airport field party, headed by Elmer Pursel, Jr., will begin a survey of Fresno Air Terminal, Fresno, Calif., next week. Another headed by William M. Reynolds has arrived at North Perry Airport, Hollywood, Fla., to conduct field work.

## WB Line Forecasters Hold First Advisory Conference



Forecasters representing the six Weather Bureau Regions and the National Meteorological Center met at Weather Bureau headquarters for the first Line Forecasters Advisory Conference, Jan. 30-Feb. 4. During meetings with Dr. George P. Cressman, Weather Bureau Director, and headquarters staff, they reviewed and discussed plans, programs, and policies within the Weather Bureau related to career development and field operations. On the last day of the conference, the forecasters held a private session with Dr. Cressman to discuss specific problems and to offer recommendations for improving working conditions, morale, and the Weather Bureau image. Seated, left to right: Burt Kirschner, WBH Line Forecasters Advisory Conference Coordinator; Dominick Scaffidi, Milwaukee; Cliff Greene, Oklahoma City; Bud Reanier, Seattle; Jack Bottoms, Honolulu; Dr. George P. Cressman, Weather Bureau Director; Greg Richter, Nome, Alaska; Robert Twa, Muskegon; Samuel Parrish, Charleston, S.C.; William Drebert, Boston; and Clarence Kibler, NMC.

## Coast Survey Celebrates 163rd Anniversary February 10



More than 1,000 persons gathered at Coast Survey Headquarters to celebrate the 163rd anniversary of the agency's founding. C. A. Whitten, Coast Survey Chief Geodesist, (left photo), welcomes visitors. Dr. R. M. White, ESSA Adm., and Dr. J. W. Townsend, ESSA Deputy Adm., man the receiving line.

## WESCENT Activities

Maine Senator Margaret Chase Smith's proposal that the U. S. Senate join in commemorating the first century of the U. S. Weather Services met with unanimous consent on Feb. 2. A history of the Nation's weather services, entitled "The First Century," became an official part of the Congressional record.

In the Congressional Record for Feb. 2, Representative Dante B. Fascell of Florida, marked the 100th anniversary of the U. S. Weather Services, and particularly the services provided by ESSA. Rep. Fascell said that every life is touched, many in a vital way, by the weather. He spoke at length about the ESSA facilities based in Florida--the Coast Survey vessels, the Atlantic and Oceanographic Meteorological Laboratories, the Research Flight Facility, the National Hurricane Center, and the National Hurricane Research Laboratory. The complete text of the Presidential proclamation paying tribute to the U. S. Weather Services was also incorporated into the record as a part of the proceedings.

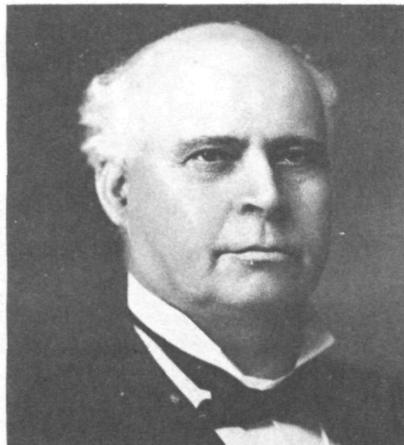
Honolulu's new High Seas Weather Broadcasts began on February 9--U. S. Weather Services Day. As part of this service, the voice of the Honolulu forecaster will be transmitted live by RCA Global Communications Station KQU twice

daily, Monday to Saturday. Ships and islands almost anywhere in the North Pacific will be able to copy these broadcasts on RCA's high seas radio-telephone service. The forecasts will cover the Honolulu forecast area, 140 degrees west to 160 degrees east between the Equator and 50 degrees north. To mark the 100th anniversary of the U. S. Weather Services, special introductory statements were included in the first two broadcasts issued by Station KQM on Feb. 9.

A partial list of state, county and local officials issuing proclamations commemorating the 100th anniversary of the U. S. Weather Services follows:

- Governor Holton of Virginia
- Governor Miller of Alaska
- Governor Dempsey of Connecticut
- High Commissioner Johnston, Trust Territory of the Pacific Islands
- Governor Evans of Washington State
- Governor McKeithen of Louisiana
- Governor Anderson of Montana
- Governor Williams of Arizona
- Governor Mandel of Maryland
- Governor Burns of Hawaii
- Mayor Henderson of Lakeland, Fla.
- Mayor Stovall of Fort Worth, Tex.
- Mayor Magruder of Midland, Tex.
- Mayor Vidinha - County of Kauai, Hawaii

## Three Men Make Topeka Weather History



T. B. Jennings



S. D. Flora



R. A. Garrett

The Topeka, Kansas, Weather Bureau Office has had only three officials in charge during its entire history as a civilian weather office. The first of these officials was Sgt. T. B. Jennings. Sgt. Jennings established the Signal Corps station on June 1, 1887. He continued to take charge of the Topeka station after his discharge from the service in 1891. S. D. Flora replaced Sgt. Jennings as head of the Topeka station in 1917 and achieved a national reputation for his work investigating torna-

does. Mr. Flora never actually saw a tornado, but the house in which he lived until his death was severely damaged by the destructive 1966 Topeka tornado. The present meteorologist in charge, Richard A. Garrett, went to Topeka following Mr. Flora's retirement in 1949, and has continued the tradition of weather science and service established by his predecessors. Mr. Garrett received the Department of Commerce Silver Medal for the lifesaving tornado warnings issued June 8, 1966.

### Centennial Bronze Medals Available

The Weather Services Centennial Medal, commemorating 100 years of United States weather services, may be obtained by writing directly to the American Meteorological Society, 45 Beacon Street, Boston, Mass. 02108. The price of the bronze medal is \$2.75; the bronze medal encased in Lucite is \$3.75. If a sufficient number of requests for silver medals is received, the AMS will take orders for a future delivery date.

### Correction

The number on the "ESSA NEWS" dated February 6, 1970, was in error. Change to Number 6.

### Register Now for Pre-Retirement Seminar

A pre-retirement seminar for Washington-area ESSA employees eligible to retire now or within the next five years will be held at ESSA headquarters, Room 926, Bldg. 5, March 24-25. Seminar instructors will be experts on retirement issues from both governmental and non-governmental organizations. Closing date for registration is March 2. For further information, contact the Career Development Office, ESSA Personnel Div.

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Items to be considered for ESSA NEWS must be received by Monday for publication the following Friday. Send material to: Office of Public Information, ESSA, Room 804, Bldg. 5, Rockville, Md. 20852. Phone (301) 496-8243.

# **National Oceanic and Atmospheric Administration**

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