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U.S. DEPARTMENT OF COMMERCE ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION

Postal Card To Honor U.S. Weather Services

A five-cent commemorative postal card-- designed by Robert Geissman of New York-- will be issued Sept. 1 at Fort Myer, Va., for the centennial of the United States Weather Services. The date marks the 100th anniversary of the establishment by the Army's Signal Service of a school of meteorology in accordance with a joint Congressional resolution assigning the responsibility for weather watching to the Army.

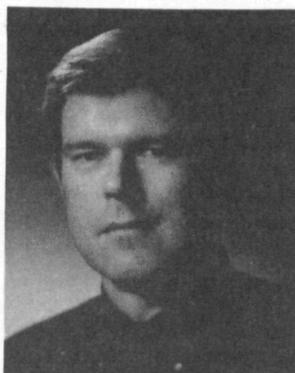
In the early days, the Post Office Department was also involved in meteorology. Postmasters in farm areas received daily telegraphic weather bulletins to be posted and distributed as convenient. In some areas, forecasts were backstamped on mail to be delivered on rural routes or indicated by signal flags on the mail wagons.

The stamp for the commemorative card features an anemometer for measuring wind velocity and direction. The card is being produced at the Government Printing Office. The order is for 40 million cards. There will be no automatic distribution, but the cards will be available to postmasters on requisition and will be on sale starting September 2.

Orders for cards with first day cancellations may be submitted to the Postmaster, Arlington, Va., 22210 with remittance for the cost at 5 cents a card. Requests must plainly indicate full name and address including Zip Code. The envelope to the Postmaster should be marked "First Day Cancel 5¢ Weather Services Postal Card" and must be postmarked no later than Sept. 1.



Williams Directs Space Disturbances Laboratory



Dr. Donald J. Williams and administrative background of his newest director.

From 1961-65, Dr. Williams was a senior staff physicist in the Applied Physics Laboratory of John Hopkins University. In 1965, he joined the National Aeronautics and Space Administration as head of the Auroral and Trapped Radiation Section of the Goddard Space Flight Center. He later advanced to become head of the Particle Physics Branch of that installation.

Dr. Williams graduated magna cum laude from Yale in 1955 with a bachelor of science degree in physics. He won the Leight Page memorial prize in his first year in graduate school. This award goes to Yale's first-year graduate student in physics with the highest scholastic record. In 1957, he was chosen as a Silliman-Sloane fellow. After receiving a master of science degree in 1958, he held a Bell Telephone Laboratories Fellowship in 1959 and a National Science Foundation Fellowship in 1960. In 1962, he earned his Ph.D in nuclear physics from Yale.

Dr. Williams has contributed numerous articles to scientific and technical publications in the space science field, and is co-editor of the book "Magnetospheric Physics."

Dr. Donald J. Williams, formerly of the NASA Goddard Space Flight Center, has accepted the directorship of the Space Disturbances Laboratory at the ESSA Research Laboratories, Boulder, Colo. Announcing the appointment, Dr. Wilmot N. Hess, ERL Director, stressed

Three Appointed to C&GS Posts



Cdr. McCaffrey E.G. Thorpe Lt. Chappell

Cdr. Edwin K. McCaffrey has been appointed commanding officer of the USC&GS Ship MT MITCHELL. Cdr. McCaffrey was previously assigned as chief of the Marine Science Services Division in ESSA's Office of Plans and Programs. The new skipper has been in the ESSA Commissioned Corps for 18 years, and has served aboard seven survey vessels, two of which he commanded; as chief of the Honolulu Observatory; and as head of officer training at the Coast Survey's Atlantic Marine Center, Norfolk, Va.

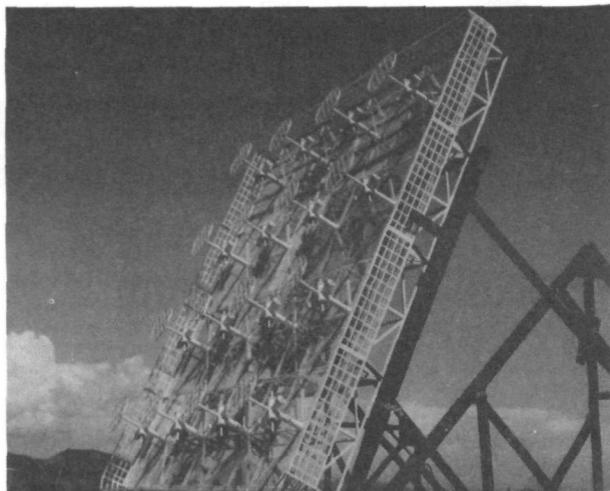
Edward G. Thorpe is the new Budget Coordinator for the Coast Survey, succeeding Gene Michael. A federal employee with 26 years' service, including 11 with the Coast Survey and ESSA, Mr. Thorpe was previously chief of the Systems Development, Reports and Procedures Branch in ESSA's Budget Division.

Lt. George Chappell is the new Officer-in-Charge of Hydrographic Field Party 742, one of two land-based parties in the Coast Survey engaged in hydrographic activities. The party is working in Mississippi Sound. Lt. Chappell joined the ESSA Commissioned Corps in 1964.

Eastern Region Hires Vietnam Veterans

In accordance with the President's Executive Order authorizing federal agencies to offer job opportunities, coupled with training or education for returning Vietnam veterans who need assistance in making the transition from military to civilian life, and to begin productive careers, the Weather Bureau Eastern Region has appointed four meteorological technician trainees at weather stations in Cincinnati, Ohio; Columbia, S. C.; Providence, R. I.; and Wilmington, Del.

Table Mountain Antenna Gathers Satellite Data



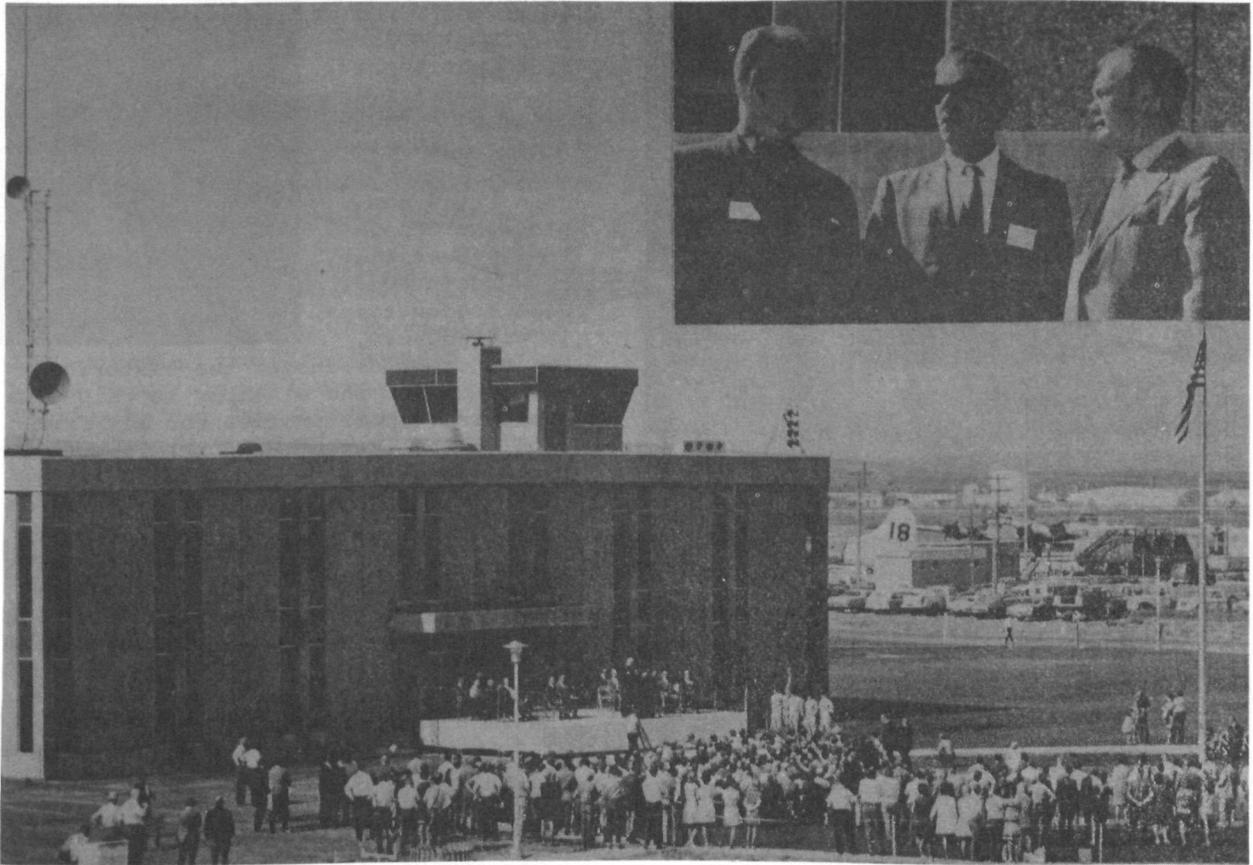
A specialized antenna now in operation on Table Mountain, north of Boulder, Colo., is gathering data from solar proton detectors aboard the ATS-1 (Applications Technology Satellite), 22,300 miles above the equatorial Pacific Ocean. Energetic particles from a solar flare are observed by the detectors and reported to the Space Disturbances Forecast Center so that appropriate warnings can be issued to communication and space scientists. Magnetic field measurements from a magnetometer aboard the satellite are also received at the Table Mountain site.

Frank Quinlan Wins Bronze Medal



Frank T. Quinlan, assistant chief of the Climatic Analysis Branch at the National Climatic Center in Asheville, has won the Commerce Bronze Medal for "significant contributions to the creation of an integrated plan for validating, analyzing and reducing raw data gathered during the Barbados Oceanographic and Meteorological Experiment."

Tri-Agency Fire-Weather Center Dedicated at Boise, Idaho



(Above) The Boise Interagency Fire Center--a joint effort of the Weather Bureau, the Bureau of Land Management, and the U.S. Forest Service--was formally dedicated at Boise, Idaho, July 25. (Inset) left to right: Edward Cliff, Chief, Forest Service; Dr. George P. Cressman, Director, Weather Bureau; and Boyd L. Rasmussen, Director, Bureau of Land Management.

Taylor and MacDonald Named To Officer Personnel Board

Capt. Eugene A. Taylor and Cdr. Kenneth H. MacDonald, ESSA Commissioned Corps officers, were recently appointed to the ESSA Commissioned Officer Personnel Board. Other Board members are Capt. John Phillips, chairman; Capt. Leonard S. Baker; Capt. John O. Boyer; and Capt. Alfred C. Holmes.

ESSA / Coast Guard Sponsor Hawaii Symposium

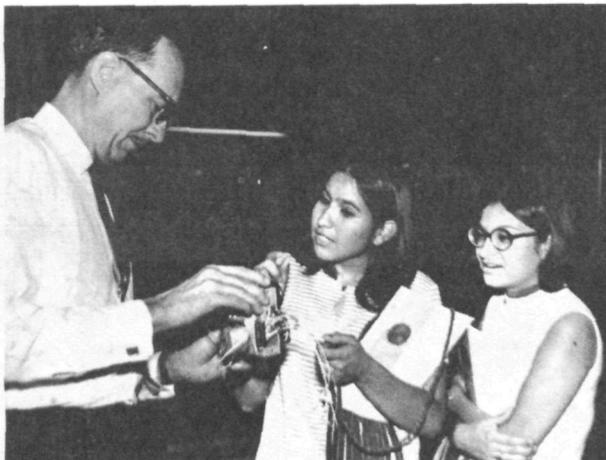
The First Annual Hawaii Marine Weather and Communications Symposium will be held in Honolulu, Oct. 29. The one-day meeting will be sponsored by ESSA's Weather Bureau and Coast and Geodetic Survey, and the U.S. Coast Guard. The symposium's theme will be "Weather Forecasts and Warnings and Boating Safety."

C&GS Survey Methods Evaluated



Prof. Lassi Kivioja has been engaged by the Coast Survey to investigate current survey methods and instruments while on sabbatical leave from Purdue University. Prof. Kivioja, who will be assigned to the Survey's Geodesy Division, will be primarily concerned with the application of the vertical mirror to high precision instrumentation used in survey operations. He received his bachelor's and master's degrees from the State University in Helsinki, Finland, and his doctorate from Ohio State University.

Colorado Organizations Join In Commerce Summer Aid Program



Twenty-six students are participating in the U.S. Department of Commerce's Summer Aid Program at the ESSA Research Laboratories and the National Bureau of Standards in Boulder, Colo. The program provides extra work, training opportunity, and financial assistance to economically and physically disadvantaged youth in Denver, Boulder, and Longmont, Colo. Other state industries, schools, and organizations assisted in the program. In photo, Homer Lawrence (left) of the Beechcraft Corporation in Boulder explains the function of a circuit manufactured by the company to Junita Majera (middle) and Linda Romero (right).

Register by Mail for USDA Graduate School

Now through Sept. 10, you can avoid registration lines by registering by mail with the Graduate School, U.S. Department of Agriculture. The registration form and instructions are included in the 1970 Fall Semester Schedule of Classes. Register in person Sept. 12-19. For complete information, contact the Career Development Branch, ESSA Personnel Division, or the Department of Agriculture Graduate School.

Birdsong, CSC Assistant Director For EEO, Is ESSA Guest Speaker

Robert Birdsong, Assistant Director for Equal Employment Opportunity, Civil Service Commission, was the guest speaker at a meeting of the ESSA Equal Employment Opportunity Committee, held recently at ESSA headquarters. In his address,



Mr. Birdsong discussed the historical background of the attempts to gain equal employment opportunities for all from 1894 to the present, and the impact of the present EEO Executive Order. Attending were John H. Eberly, ESSA Executive Officer and Equal Employment Opportunity Officer; Guy H. Dorsey, Chief, ESSA Personnel Division; other top management ESSA personnel; representatives from all local EEO Committees under ESSA; Donald G. Fletcher, EEO Officer, National Bureau of Standards; and Avery T. Horton, Chairman, EEO Committee, NBS.

Sewake Aids Coast Guard in Search For Lost Japanese Fishing Boat

Ray Sewake, forecaster at the Weather Bureau Forecast Office on Wake Island, recently assisted the U.S. Coast Guard in a search for a missing fishing vessel--the MITSUEI MARU--that caught fire some 250 miles south-southwest of the island. Mr. Sewake, who has a good speaking knowledge of Japanese, joined the search as an interpreter at the request of the Coast Guard.

WMO Fellow Trains at Sacramento WBO

The Sacramento Weather Bureau Office provided a four-day training course for San-Kwei Kao, World Meteorological Organization Fellow from the Republic of China. Mr. Kao is completing his training in the United States on radar meteorology.

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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