

A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION

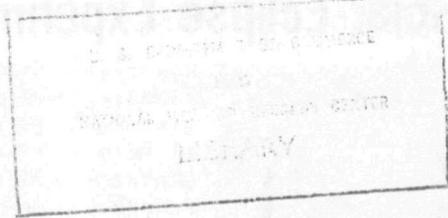


ESSA NEWS

Volume 6

Number 10

March 6, 1970



F.W. Burnett Appointed to Top-Level Weather Bureau Post

Frank W. Burnett has been named to the newly created position of Deputy Director of the Weather Bureau.

In announcing the appointment, Dr. George P. Cressman, Director of the Weather Bureau, said that Mr. Burnett brings to the new job a widely known reputation as meteorologist and scientific administrator with broad experience in field operations, supervision, planning, and management.

As Weather Bureau Deputy Director, Mr. Burnett will be primarily responsible for the direction and administration of the agency's day-to-day activities. The Office of Meteorological Operations, National Meteorological Center, Office of Hydrology, Systems Development Office, six Regional Offices, and the Bureau's Administrative and Technical Services will report to the Deputy Director.

Mr. Burnett has been Deputy Director of the National Meteorological Center since 1965. Coming to Washington, D.C., in 1953, he served as supervising analyst, leading analyst, assistant chief of the National Weather Analysis Center, and as Associate Director for Weather Analysis and Forecasting at NMC.

After joining the Weather Bureau in 1940 at Roswell, New Mexico, Mr. Burnett, 52, saw service as an observer, forecaster, and supervisor at Pueblo, Colo.; Albuquerque, N. Mex.; Pendleton, Oreg.; and New York City before coming to Washington.

A native of Dickenson, N. Dak., he earned a bachelor's degree from the University of New Mexico in 1940. He attended the University of Chicago in 1943 on a Weather Bureau scholarship,



Frank W. Burnett

and did graduate work at the Massachusetts Institute of Technology in 1961-62. From January to February 1969, Mr. Burnett attended the Federal Executives Institute program at Charlottesville, Va.

In October 1969, Mr. Burnett, together with Harlan K. Saylor, Chief of the Analysis and Forecast Division of NMC, received the Department of Commerce's highest award--the Gold Medal--for distinguished federal service. They were cited for their work in the development of a new technology, the mixing of man and machine (computer) methods to produce central guidance weather forecasts. Mr. Burnett also received the Department of Commerce Silver Medal in 1959 for his outstanding work in improving analyses at the National Weather Analysis Center from 1954 to 1959.

Married to the former Dorothy Moser, the Burnetts live in Silver Spring, Md. They have three children.

ESSA Scientists Participate In Solar Eclipse Experiments



Roderick S. Quiroz, research meteorologist in the National Meteorological Center's Upper Air Branch, will be a co-investigator for sounding rocket experiments at Wallops Island, Va., during the solar eclipse of March 7, 1970. The purposes of the experiments will be to gather additional information on tempera-

ture and wind patterns in support of ionospheric observations and to obtain insight into the dynamics of the stratosphere and the mesosphere.

To measure temperature and wind patterns in the middle atmosphere, eight rockets will be launched before, during, and after the eclipse.

ERL personnel participating in experiments designed to study various changes in the ionosphere during the eclipse are: Robert H. Doherty, based in southwest Mexico; Bernard Wieder, based at a location near Cape Fear, N.C.; E. J. Viollette, J. W. Wright, and T. Shimazaki, based at Eglin Air Force Base, Fla.; M. Gadsden, based at Mexico; P. M. Kuhn and R. M. Cameron, aboard NASA's Convair 990 aircraft; R. S. Gray, based at Wallops Island, Va.; and L. H. Tveten and R. D. Hunsucker, based at field sites near Boulder, Colo.

North and South Carolina Waters Surveyed by PEIRCE and WHITING

Long-range hydrographic surveys were resumed this month in the waters off North and South Carolina by the USC&GS Ships PEIRCE and WHITING. The survey's purpose is to rechart the coastal waters and to map the sea bottom of the continental shelf. The PEIRCE will continue a survey begun last year off Wilmington, N.C., extending northward from Cape Lookout to Cape Hatteras. The WHITING will conduct hydrographic surveys in Long Bay--a 1500-square-mile area extending from Cape Fear, N.C., to Georgetown, S.C.

Geodetic Marker Dedicated At Empire State Building

A plaque--a bronze geodetic marker embedded in the 86th floor of the Empire State Building in New York City--was officially dedicated on Feb. 27. Rear Admiral Don A. Jones, Coast Survey Director, participated in the ceremony designating the world's tallest building as a triangulation station in the Coast Survey's national horizontal network, pinpointing the building's exact geographical location. Others attending included Robert L. Tinker, Empire State Building General Manager; Arthur C. Rutzen, New York Commerce Field Office Director; and Capt. Dewey Rushford, New York Coast Survey Field Representative.

Lt. R. V. O'Connell Named to Honolulu Observatory Position

Lt. Richard V. O'Connell is the new Magnetics and Communications Officer at the Coast Survey's Honolulu Observatory. Lt. O'Connell, who served in 1966-67 as Magnetic and Seismological Observer at the South Pole Station, was the first commissioned officer to be assigned to the U.S. Antarctic Research Program.



State Climatologist Named for Florida

D. R. Davis has been named ESSA State Climatologist for Florida. Mr. Davis began his Weather Bureau career in 1957 at Baton Rouge, La., with subsequent assignments at Vicksburg, Miss., and Tallahassee, Fla. His last position was as Advisory Agricultural Meteorologist at Quincy, Fla.

Dr. Yao Elected as China Academy Fellow

Dr. Augustine Yao of EDS has been elected a Fellow of the China Academy--an organization headquartered in Taiwan. The Academy comprises 20 research associations. Dr. Yao was admitted to the Earth Sciences Group.

State Governors Issue Proclamations, Accept Centennial Medals



1



2

Among the Governors paying tribute to the U.S. Weather Services Centennial were:

(1) Montana Governor Forrest Anderson (right), with Richard A. Dightman, MIC, WBO, Helena (left), and Grayson V. Cordell, ESSA State Climatologist.

(2) Arizona Governor Jack Williams (right) with Phoenix MIC Robert S. Ingram.

(3) Hawaii Governor John A. Burns (seated), who presented his proclamation to R.L. Belknap, Pacific Region Operations Chief. Looking on are MIC Joseph Vederman, WBFO Honolulu, and Capt. Willard S. Houston, Jr., Commanding Officer, Fleet Weather Central, Pearl Harbor.

(4) Utah Governor Calvin L. Rampton (right) displays Centennial Medal presented by Hazen H. Bedke, Western Region Director.



3



4

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.



The Weather Bureau's Office of Hydrology opened its second annual class in "Hydrologic Analysis and Forecasting," Feb. 10. The course is designed to teach newly assigned hydrologists and foreign scientists the practical methods of river and flood forecasting used by Weather Bureau hydrologists. After nine weeks of classroom instruction, the students will receive on-the-job training at the River Forecast Centers. Front row, left to right: Tharwat Fahmy, United Arab Republic; Nguyen VanBa, Vietnam; Johann Ntupwa, Tanzania; Frank Machange, Tanzania; Max Kohler, Chief Hydrologist, Office of Hydrology, WBH; Leon Olivares, Nicaragua; and Frank Farnum, Barbados. Back row, left to right: Dieter Kraemer, Mexico; Ralph Hatch, Sacramento RFC; David Morris, Tulsa RFC; Enrique Evans, Costa Rica; Arthur Baskin, Columbia, S.C. RDO; Goran Sprinckhorn, Sweden. Not shown: Mahgoub El Dawi, Sudan; and Ahmed El Ballaa, Sudan.

Captains Tonkel and Boyer Present C&GS Cooperative Charting Awards

Captain Miller J. Tonkel and Captain John O. Boyer represented the Coast Survey at the 58th anniversary meeting of the U.S. Power Squadrons held recently in Miami. The officials presented C&GS Cooperative Charting Awards to the leading district, squadron, and individuals for their outstanding achievements in the promotion of the C&GS-USPS Cooperative Charting Program during 1969.

Deaths

Frank B. McCoy, Weather Bureau cooperative observer at Aiken, S.C., died Feb. 20. Mr. McCoy, who had been a weather observer since 1916, held one of the longest records of any South Carolina observer.

Herbert Alkire, meteorologist in charge at Baltimore, Md., until 1964, died Feb. 26.

Correction

Local 2186 of the American Federation of Government Employees, not Local 2180, received exclusive recognition in a unit of the Office of Research Support Services, ERL, Boulder, Colo., on Dec. 31, 1969.

A Cake for ALL Seasons



Mrs. Lenore Giebelhaus (above), secretary at the Weather Bureau Forecast Office, Seattle, displays a 100th anniversary cake created by Frank Luther of Seattle honoring the weather services of the United States. The decorations on the cake portray seasonal activities. Swimmers on the beach at the upper left; a skier at the upper right; a tornado at right center; a fisherman and jumping fish in the lower right; and a hunting scene at the lower left. The center left side has a thundercloud with lightning and rain, and a rainbow above. Mr. Luther decorates cakes as a hobby.

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

HOV Services
Imaging Contractor
12200 Kiln Court
Beltsville, MD 20704-1387
July 23, 2010