

February 6, 1970

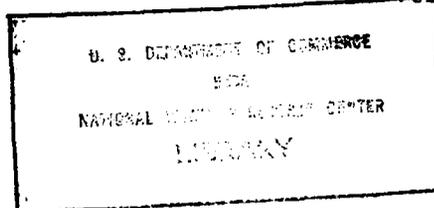
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ESSA NEWS

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President Requests FY 1971 Budget Increase for ESSA

The President's budget message, presented to Congress, Feb. 2, included the following amounts for ESSA for fiscal year 1971 (dollars in thousands):

<u>Appropriations</u>	<u>1970 Appropriation</u>		<u>Expanded Program</u>		<u>1971 Request</u>	
	<u>Pos.</u>	<u>Adjusted Amount</u>	<u>Pos.</u>	<u>Amount</u>	<u>Pos.</u>	<u>Amount</u>
Salaries and Expenses	7,675	\$133,628	+470	+\$13,052	8,145	\$146,680
Research and Development	1,009	25,790	+62	+3,905	1,071	29,695
Facilities, Equipment, and Construction	69	2,161	...	+3,814	69	5,975
Satellite Operations	<u>319</u>	<u>7,459</u>	<u>+17</u>	<u>+18,361</u>	<u>336</u>	<u>25,820</u>
Totals	9,072	\$169,038	+549	+\$39,132	9,621	\$208,170

The FY 1971 budget request includes program increases totaling \$39,132,000. The increases in the Salaries and Expenses appropriation total \$13,052,000 and are required to: improve public weather forecasts, establish and operate additional urban air quality control units, expand the aviation weather service programs, improve the basic observing and communications networks, and modernize and automate climatological services; to provide funds in support of the work of the Water Resources Council; to expand the horizontal control surveys, increase the effort to provide more seismological surveys in earthquake epicentral zones, and provide funds for expansion of the number of aeronautical charts of various types being produced; and to provide funds for an effective level of funding for vessel and equipment maintenance, to increase the capability to incorporate all new data directly into the automated nautical chart compilation system, and complete the

funding of the ocean survey ship RESEARCHER.

The increases in the Research and Development appropriation total \$3,905,000 and are required for: expansion of weather modification studies, improvement of severe storms forecasting, extension of forecasting and data gathering programs to a worldwide scale, and development of climatological data systems; for water resources data acquisition systems studies; for systems development for automated cartography; for ocean structure and ocean-atmosphere interaction studies; and for technological satellite applications to additional parameters and development of sensing devices.

The increases in the Facilities, Equipment, and Construction appropriation total \$3,814,000 and provide for: additional equipment and instrumentation needed in the areas of weather modification, air pollution, and the basic observation network, for additional computer capacity in weather analysis and forecasts and a start toward modernization of the cli-

(Continued on page 2)

(FY 1971 Budget continued)

matological data banks; for upgrading the hydrologic network and additional flash flood warning equipment; for instrumentation for seismological surveys and a five-color press for aeronautical chart production; and for relocating an ionospheric observation station.

The increases in the Satellite Operations appropriation total \$18,361,000 and are required to: continue procurement of two ITOS spacecraft, initiate procurement of one GOES spacecraft, and fully fund one ITOS launch and two launch vehicles; to provide for around-the-clock operation and maintenance of these facilities, procurement of ground equipment for the ITOS and GOES systems, and procurement of ground equipment essential for the operations with ATS-I and ATS-III; and to cover continued operation and maintenance of the data processing facility and the Washington-Moscow communications link, procurement of GOES data handling equipment, and items of specialized equipment needed for the display and use of data from ATS-I and ATS-III.

Weather Bureau To Issue Extended Outlook Every Day

A new extended outlook program will begin on February 9 to replace the present five-day forecasts. The extended outlook will be issued daily and will highlight the expected weather, temperature and precipitation trends.

These outlooks will be released to the public about 6:30 p.m. Eastern Standard Time seven days a week. The extended outlooks are intended for use with the regular state and local forecasts issued about two hours earlier. The regular state and local forecasts present the weather expectations for a 48-hour period--extended outlooks cover the next three days. For example, the local forecast issued Monday evening would give the weather for Monday night, Tuesday and Wednesday; the extended outlooks will then highlight the weather and temperature trends for Thursday, Friday and Saturday.

Foltz To Head WB Forecast Div.



Dr. H.P. Foltz

Dr. Harry P. Foltz, former chief of the Weather Analysis and Prediction Division's Public Weather and Warnings Branch, Weather Bureau headquarters, has been named chief of the division. Dr. Foltz replaces Edward M. Vernon, who recently retired. His duties will include responsibility for the development of procedures

governing the Weather Bureau's nationwide analysis and forecasting operations, and the Bureau's preparation and issuance of severe weather warnings, routine and specialized forecasts, and current weather information bulletins. A native of Tacoma, Wash., Dr. Foltz joined the Weather Bureau at Los Angeles, Calif., in 1944. He served in the Weather Bureau facilities at Washington, D. C.; Seattle, Wash.; and Anchorage, Alaska, before joining the Bureau's headquarters staff in 1967.

C&GS Aircraft Command Pilot Named



Lt. W.M. Noble

Lt. William M. Noble, ESSA Commissioned Corps Officer, has been named command pilot of the Coast and Geodetic Survey's De Havilland Buffalo. The plane is one of two aircraft used to conduct aerial missions for the Photogrammetry Division. Lt. Noble joined

the Coast Survey in 1964, and has logged more than 600 hours of multi-engine pilot/copilot time, including 191 hours as pilot of the Buffalo. The Buffalo is operated by Photo Mission I, which Lt. Noble heads.

Great Lakes Shipmasters Association Honors Bureau for Weather Services



Dr. George P. Cressman, Weather Bureau Director (right), accepts plaque from Capt. D. E. Erickson, Grand President of the International Shipmasters Association.

Dr. George P. Cressman, Weather Bureau Director, accepted, on behalf of the Weather Bureau, a plaque from the International Shipmasters Association of the Great Lakes "in appreciation for a century of weather service." The award was presented during the January 28 evening session of the Association's convention by Capt. Donald E. Erickson, master of the S/S William Clay Ford and Grand President of the International Shipmasters Association. In addressing the convention, Dr. Cressman mentioned the terrible loss of life and property in Great Lakes storms which was partly responsible for creation of the National Weather Service. Weather Bureau officials present at the acceptance ceremony were: Roy L. Fox, Central Region Director; Charles G. Knudsen, Deputy Director, Eastern Region; and meteorologists in charge Joe R. Fulks, Chicago, Ill.; C. R. Snider, Detroit, Mich.; and Richard Fay, Cleveland, Ohio.

Public Service Award Given Editor

Walter Rue, retiring weather editor of the Seattle Post-Intelligencer, recently received the Weather Bureau's Public Service Award. Mr. Rue was recognized for excellence in journalistic presentation of weather information to the public.

Joe Vanderloo, Minnehaha County South Dak., Civil Defense Director, and Bob Stanke, President of the Sioux Empire Citizens Communication Association, received Public Service Awards for their efforts in spotting and reporting tornadoes.

FAA Deputy Administrator Lauds ESSA for Services



D.D. Thomas

In a January 27 letter of appreciation to Dr. Robert M. White, ESSA Administrator, David D. Thomas, retiring Deputy Administrator of the Federal Aviation Administration, said:

"I have been associated in some way with the Weather Bureau during all of these years as flying and weather are inseparable. I have always been im-

pressed with the cooperation and comradery between the FAA and the Weather Bureau at all levels. I have always considered the Weather Bureau a sister agency, whether or not we were in the same Department.

"The same is true with the Coast and Geodetic Survey. It is a far cry from the rather primitive aeronautical charts we had thirty years ago to the very sophisticated charts now being produced to meet our requirements. Like weather, flying is also dependent upon good charting. I couldn't have asked for more cooperation than we have received from 'Coast & G'throughout my entire career."

Colorado Governor Issues Centennial Proclamation

Colorado Governor John A. Love has issued a proclamation declaring February 9 Weather Services Centennial Day in Colorado. The event, recognizing 100 years of weather services in the United States, was attended by leading Colorado meteorologists and atmospheric scientists. The ceremony was held Feb. 3 in the Executive Suite of the State Capitol Building in Denver.

Dr. Klein To Address Indiana AMS Chapter

Dr. William H. Klein, Director of the Techniques Development Laboratory, Systems Development Office, Weather Bureau, will be the guest speaker at the Feb. 18 meeting of the Central Indiana Chapter of the American Meteorological Society to be held in Indianapolis.

Central Region Meteorologists Awarded Commerce Bronze Medals



K.C. Tillotson



F.H. Pearson

Kenneth C. Tillotson, meteorologist at the Weather Bureau Forecast Center, Denver, Colo., was awarded the Department of Commerce Bronze Medal in a ceremony on January 30. In making the presentation, Charles M. Woffinden, Chief of Operations, Weather Bureau Central Region, cited Mr. Tillotson "for significant improvement in aviation training methods and briefing procedures which contributed to the safety of the flying public." Mr. Tillotson entered the Weather Bureau

at Grand Junction, Colo., in 1941. He returned to the Denver weather office in 1946 after serving three years in the Army Air Force. In 1960 and 1961, he was at Point Mugu, Calif., assisting in analysis of satellite weather data. Since that time, he has been assigned as Weather Bureau Aviation Weather Quality Control Officer in the Denver area.

Floyd H. Pearson, meteorologist at the Weather Bureau Forecast Center, Detroit, Mich., since 1934, has received the Department of Commerce Bronze Medal for outstanding Government service. Dr. George P. Cressman, Weather Bureau Director, made the presentation January 28 at the Detroit Forecast Center, citing Mr. Pearson "for extremely competent fulfillment of forecasting, supervisory and user contact responsibility for a prolonged period." Mr. Pearson was first employed by the Weather Bureau at Omaha, Nebr., in 1926. He subsequently served at Cheyenne, Wyo., and North Platte, Nebr. Others honoring Mr. Pearson were Roy L. Fox, Director, Weather Bureau Central Region, Kansas City, Mo., and C. R. Snider, Detroit meteorologist in charge.



Weather Bureau employees and their instructors participating in the first session of the Forecasters' Training Course held at Weather Bureau headquarters, Jan. 13-29 were, front row, left to right: Harold Gibson, Anchorage; Gregory Richter, Nome; George Webb, Cleveland; Dominic Scaffidi, Milwaukee; Lester Mallory, Salt Lake City; James Hunter, WBFC, Suitland, Md.; James Wagner, NMC, Suitland, Md. Second row: Clifton Green, Oklahoma City; John Kearns, Kwajalein (Pacific); J. Vaughn Carmichael, Coral Gables, Fla.; Russell Younkin, NMC, Suitland, Md. (lecturer); Henry Chidley, Denver; Thomas Hill, Portland, Oreg.; Keith Giles, Las Vegas (ARL). Third row: William Drebert, Boston; Frank Grabowski, Detroit; Thayne Mauch, Kansas City; Frank Reanier, Seattle; Jack Bottoms, Honolulu; William Banks, Memphis; Omer Clarkson, San Antonio; Barry Kercher, NMC, Suitland, Md.; Philip Calabrese, WBH; Robert Derouin, WBH; Henry Yario, Chicago; George Miller, Medford, Oreg.; James Holcomb, Wenatchee, Wash.; Robert Muller, Raleigh; George Cowdright, Philadelphia; Burt Bollenbach, Anchorage; and Paul Hagerty, Macon, Ga.

Barbara McQueen Nominated for Handicapped Employee Award



Miss McQueen accepts letter announcing her nomination from A. Newton Page, Chief, Management Systems Division. Guy H. Dorsey, ESSA Personnel Officer, is at left.

Barbara Jane McQueen, who has been a computer programmer in the ESSA Management Systems Division, Programming Section since 1967, is one of two Department of Commerce employees nominated to receive the Outstanding Handicapped Employee of the Year Award for 1969.

Miss McQueen will compete with candidates from other Federal agencies for the award to be presented in March. The award

is presented annually to the Federal employee who has displayed the most courage and initiative in overcoming a physical handicap and whose job performance has clearly exceeded requirements in spite of severely limiting factors. Vice President Spiro T. Agnew made the presentation last year.

In 1963, Miss McQueen was majoring in Elementary Education at Washington State University, Pullman, Washington, when she suffered severe brain and spinal injuries in an automobile accident. After three months in the hospital, she began a thirteen-month program of daily physical therapy. After a year, the treatments were reduced to weekly ones and finally discontinued.

Within a year of the accident, Miss McQueen returned to college and received her degree in Elementary Education in 1965. She elected not to teach, but instead, chose to become a computer programmer based on a mathematics major during her first two years of college. She now writes programs for computers and program documentation. Her handicap has not hindered her job performance.

Because of her determination to succeed, her strong desire to retain her independence, and her inability to admit defeat, Miss McQueen has helped further the employment of other handicapped persons.

American Meteorological Society To Publish New Research Journal

The American Meteorological Society has announced publication of a new research journal--"Journal of Physical Oceanography"--devoted to the communication of knowledge concerning the physics and chemistry of the oceans and of the processes coupling the sea to the atmosphere. Kirk Bryan, Gaylord R. Miller, and Bernard D. Zetler of ESSA are among the associate editors of the journal.

Georgia and Texas Airports Surveyed

C&GS field parties are conducting surveys of Fulton County Airport, Atlanta, Ga.; and Laredo (Tex.) International Airport.

Eastern Region Hydrologist Appointed



J. Thomas

John Thomas became the Weather Bureau Eastern Region's Regional Hydrologist on January 15. Mr. Thomas, whose most recent assignment was at the Office of Hydrology, Silver Spring, Md., where he was assistant to Max A. Kohler, Chief Hydrologist, joined the Weather Bureau in 1946 at Galveston, Tex. His other assignments were at

Columbia, Mo., Louisville, Ky., Fort Wayne, Ind., and at the River Forecast Centers at Hartford, Conn., and Fort Worth, Texas.

Woolard, Cobb, and Brown To Head Weather Bureau Offices



P.E. Woolard



W.R. Brown



J.J. Cobb

Wayne R. Brown has reported as official in charge of the Orlando, Fla., Weather Bureau Office. A native of Corinna, Maine, he began his Bureau career as an Observer at Tampa, Fla., in 1945. He also worked as a meteorological aid, meteorological technician, and meteorologist at Tampa before transfer to Savannah, Ga., as principal assistant in 1968. A Navy veteran, Mr. Brown attended the University of South Florida, Florida Southern College and the University of Tampa.

Paul E. Woolard, a veteran of 19 years with the Weather Bureau, has reported as official in charge of the Norfolk, Nebr., Weather Bureau Office. His past experience as a Weather Bureau field manager includes more than three years as head of the Guam weather office in

Thom To Serve on Atomic Energy Reactor Safety Committee

H. C. S. Thom of EDS has been invited to serve as a consultant to the Atomic Energy Commission's Advisory Committee on Reactor Safeguards. Mr. Thom will evaluate maximum intensity of tornadoes that might occur near a nuclear power plant site proposed by the Florida Power and Light Company.

Collier Reappointed to Archivists Board

Clyde Collier, principal archivist for EDS' National Weather Records Center, Asheville, N. C., has been reappointed to the Society of American Archivists' Committee on the Archives of Science. Mr. Collier has been a member of the Committee since 1963 and served as its chairman in 1964-65.

the Pacific, and one year in charge of the Pacific Missile Range Unit of the Bureau at Barking Sands, Kauai, Hawaii.

Jack J. Cobb has been named the new official in charge of the Weather Bureau Office at Koror in the Caroline Islands. He reported for duty on January 21. During his two-year assignment, Mr. Cobb will train Tadao Ngotel, the first intern under the Weather Bureau's Micronesian Management Scholarship Program and now the assistant Micronesian official in charge at the Koror weather station, to take over the supervision of a weather station in the Trust Territory.

Before reporting to Koror, Mr. Cobb was assigned to the Pacific Region headquarters as upper air specialist and will return to this position when he completes his two years of duty.

Earthquake Center Operations Filmed

A television crew from the British Broadcasting Corporation recently visited the Coast Survey's National Earthquake Information Center in Rockville, Md., to film some of the Center's operations for use in a BBC documentary on continental drift and crustal tectonics.

Coast Survey Nautical Charts Show Chesapeake Bay Ship Traffic Lanes

Ship traffic lanes recently established by the Coast Guard in Chesapeake Bay will be shown on Coast Survey nautical charts of the area. The lanes were established as a safety measure to separate shipping entering and leaving the Bay and are similar to those located in the approaches to New York Harbor, Delaware Bay, San Francisco Harbor, and Santa Barbara (Calif.) Channel.

Weather Bureau, Employee Union Sign Multi-Unit Agreement

The Weather Bureau signed a multi-unit agreement, covering 52 Weather Bureau facilities, with representatives from the National Association of Government Employees' National Council of Union Locals, in St. Louis, Mo., January 30. Each of the facilities had previously obtained exclusive recognition under the President's Executive Order 10988, now replaced by Executive Order 11491. Signing the agreement for the agency were Dr. George P. Cressman, Weather Bureau Director, and Guy H. Dorsey, ESSA Personnel Officer. Representing the Union were Kenneth T. Lyons, NAGE President, and Alan J. Whitney, NAGE Executive Vice President.

Marine Forecasters Meet in New York

Weather Bureau Eastern Region headquarters, Garden City, N. Y., hosted a Mariners and Marine Forecasters Seminar, Jan. 20-22. The seminar's objectives were to develop user requirements and to isolate service deficiencies; to present the field view in marine forecast activities; to determine where the emphasis should be placed in the research and development area for marine activity; and to develop a set of recommendations to improve the forecast/service programs in the marine service to include areas of research and development.

In addition to Eastern Region headquarters staff from the Scientific Services, Operations and Climatology Divisions, participants included representatives from the U. S. Coast Guard, police, commercial lines, and Weather Bureau personnel as indicated: Max Mull, Arthur Pore, W. S. Richardson, and C. Barrientos (WBH); Robert Boweas, WBFO Cleveland, Ohio; Milton Fayne, WBFO New York; Marvin Hunter, WBFO Washington, D. C.; Roland Laro, WBO Hartford, Conn.; Robert Lynde, WBFO, Boston; John Mayer and Thomas Morgan, WBO, New York; John Purvis, WBFO Columbia, S. C.; Hurtis Smith, WBO Norfolk; and Thomas Weaver, WBFO Raleigh, N. C.

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.

Coast Survey Field Party 742 Cited by Hydrographic Society



Coast Survey Hydrographic Party 742 has been cited by the American Society of Hydrographers for "outstanding work in the aftermath of Hurricane Camille." Returning to the Gulf Coast within hours after the hurricane, HFP 742, under the command of Lt. Mark E. Harbert, started immediate recharting of the area. The party worked continuously under the severe limitations of lack of housing, food, water, and threat of disease, to complete the surveys which would allow the resumption of waterborne commerce so vital to the economy of the Gulf Coast. Party members are, left to right, front row: M. Laing, Ed Miller, M. Fields, R. Lewis. Standing, Lt. Harbert, J. Bradford, Ens. J. Campton, W. Piner, F. Gilden, and Lt.(jg.) E. Krisher.

Finger Serves on ICAO Panel

Frederick G. Finger, chief of NMC's Upper Air Branch, was selected by the Interagency Group on International Aviation to serve as U. S. advisor on meteorological affairs at the second meeting of the International Civil Aviation Organization's technical panel on supersonic transport operations, held in Montreal January 6-23. The panel was established to deal with the technical problems related to the introduction of the supersonic aircraft into commercial service, and included experts nominated by selected countries in international organizations.

Used Eye Glasses Wanted

New Eyes for the Needy, Inc., a voluntary non-profit organization that has helped more than 500,000 people obtain prescription glasses or artificial eyes for the past 36 years, is appealing to all for metal frames of eye glasses in any condition, unbroken plastic glasses and lenses, sunglasses, artificial eyes, cataract lenses, soft cases, hearing aids, and precious metal scrap such as old watches, broken chains, cufflinks, earrings, and silverware. They are unable to use loose lenses or hard cases.

Employees wishing to donate such items may send them, carefully wrapped, direct to: New Eyes for the Needy, Inc., Short Hills, N. J. 07078. For additional information, contact the Employee Relations Branch of the ESSA Personnel Division.

Substation Management Specialists Meet

A Weather Bureau-wide Substation Management Conference was held at Kansas City regional headquarters, Jan. 26-30, to evaluate a proposed training course for Substation Network Specialists, review basic substation guidelines, and discuss substation activities with representatives from Hydrologic Services, Office of Climatology, and the National Weather Records Center.

Thomas Long Honored for Service



Thomas L. Long, meteorologist in the Climatic Information Section of EDS' National Weather Records Center, Asheville, N. C., has received a 40-year length-of-service award. Mr. Long entered Weather Bureau service in 1930 at Columbia, S. C., as an observer, and has been at

NWRC since 1956.

Corrections

Local 2180, a unit of the Office of Research Support Services of the ESSA Research Laboratories, Boulder, Colo., was granted exclusive recognition by ERL Director Wilmot N. Hess on Dec. 31, 1969, instead of Jan. 8, 1970. (See ESSA NEWS, Vol. 6, No. 3, Page 3.)

Robert E. L. Blumenauer, who received a 40-year length-of-service award on Jan. 28, joined the Weather Bureau in 1929 at Trenton, N. J., not in 1936. (See ESSA NEWS, Vol. 6, No. 5, Page 3).

WESCENT Banquet Reservation

Mail to:
WESCENT Dinner Committee
700 Davis Building
1629 K Street, N.W.
Washington, D.C. 20006

Reserve _____ full table(s) of 10 seats each or _____ single seat(s) for the National Weather Services Centennial Banquet, February 13, 1970.

My check for \$_____ at \$17.50 for each dinner seat is enclosed, payable to WESCENT. The pre-dinner reception is included in the price of the dinner. Seat-

ing arrangements will be made in order of receipt of checks. Tickets will be mailed prior to the dinner.

Name _____

Address _____

Signature _____

National Oceanic and Atmospheric Administration

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