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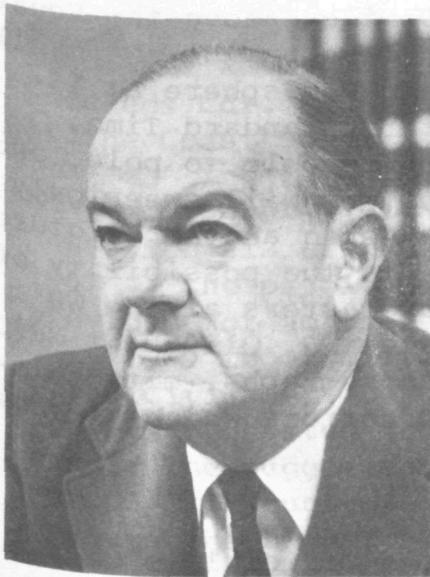
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NEWS

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SMITH BECOMES COMMERCE SECRETARY



President Johnson's nomination of C. R. Smith, board chairman of American Airlines, as Secretary of Commerce, was confirmed by the Senate on March 1, and he was sworn into office on March 6. The new Secretary has been associated with the aviation industry since the 1920's. A native Texan, he attended the University of Texas, where he studied law and business administration. He worked with the utilities industry until his company bought the Texas Air Transport, and he became the airline's treasurer. From 1928-1930, he aided in the development of small aviation companies. When American Airways, predecessor to American Airlines, was organized, he joined it as vice president in 1931, and became its president in 1934. During World War II, he helped organize the Air Transport Command, and left the Air Force as a major general in 1945. Since that time, he has served American Airlines as chairman of the board and as president.

RECORDS CENTER TO RECEIVE STATE AWARD

The Environmental Data Service's National Weather Records Center, Asheville, N.C., will receive the North Carolina Governor's award for hiring the handicapped in a ceremony scheduled for March 18 in Raleigh. The NWRC, which employs over 200 handicapped workers, was unanimously chosen as the outstanding employer of the year for 1967 by the awards committee of the Governor's committee on employment of the handicapped. William H. Haggard, director of the NWRC, will accept the award from Governor Moore. Last year, the Center received the Mayor of Asheville's award for hiring the handicapped.

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ATS-III TO WATCH TORNADO DEVELOPMENT

Severe thunderstorms developing in the western Gulf of Mexico were photographed every 15 minutes March 6 by NASA's ATS-III (Applications Technology Satellite), in the first step of a cooperative effort to film potential tornado weather over the United States. In the project, to be conducted by ESSA, NASA, Dr. Verner Suomi of the University of Wisconsin, and Dr. Tetsuya Fujita of the University of Chicago, photographs of developing severe local storm systems will be taken by ATS-III's multicolor spin-scan camera, from an earth-synchronous orbit 22,300 miles above the Equator. On days when weather patterns favor tornado development, NASA will program the camera to photograph the Northern Hemisphere at 15-minute intervals from 7 a.m. to 9 p.m. Eastern Standard Time. Normally, the camera photographs the earth from pole to pole, once every 30 minutes. In the current experiment, it will sweep only from the North Pole to the Equator and then begin another picture, in a 15-minute cycle. NASA will be alerted to the possibility of tornado activity by a team consisting of forecasters at the WB National Severe Storms Forecast Center, Vincent J. Oliver at NESC, and Dr. Fujita. Through study of the ATS photographs, meteorologists hope to identify characteristic cloud motions which precede the development of tornadoes.

RICHARDSON HEADS WACO WB

Clem D. Richardson, Jr., has been appointed Official in Charge of the WB station at Waco, Tex. Mr. Richardson, who comes from the WB station at Dallas, will enter on duty at Waco on March 11. Born in Corsicana, Texas, Mr. Richardson entered the Weather Bureau in Louisiana in 1945 and has served at a number of weather stations, including Hilo, Hawaii, and Koror, Caroline Islands. He was stationed at Waco from 1948 to 1951, where he served as assistant to the late C. A. Anderson.

EDS OFFICE OPENED AT AGRICULTURE DEPT.

The Environmental Data Service established, on Feb. 15, an Agricultural Climatology Service office in the U.S. Department of Agriculture, headed by Dr. Gerald L. Barger. The Weekly Weather and Crop Bulletin is now being compiled by this office. The new unit is staffed fulltime by Lucius W. Dye, Curtis F. Kambic, and Mrs. Dorothy Engler. The mailing address is ESSA, Environmental Data Service, Room 6638, South Building, U. S. Department of Agriculture, Washington, D. C. 20250. Run-stop mail should be addressed to USDA SBMU, ESSA, Environmental Data Service, Room 6638, South Building, Stop 209. Telephone IDS - 111-7917, FTS-202-388-7917.

NEW ASSIGNMENTS FOR MILLER AND KEITH



Commander Sidney C. Miller (right), former commanding officer of the USC&GSS WHITING, is the new C&GS representative at Fort Sill, Okla. Cdr. Miller will advise the U.S. Army Artillery and Missile School, the U.S. Army Artillery Board, and the Combat Development Command, Artillery Agency, on survey matters and exchange information on mutual problems. Cdr. Miller

succeeds Cdr. Hubert W. Keith (left), who has been placed in charge of the Coast Survey's ship base in Miami.

NEW PAY SCHEDULE PROPOSED BY CIVIL SERVICE

Section 212 of the Postal Revenue and Federal Salary Act of 1967 -- the pay legislation enacted in December of last year -- provided for adjustments in Government salaries in July 1968 and July 1969 in order to achieve full comparability with industry.

The Civil Service Commission has developed a tentative schedule and has requested comments from both unions and Government agencies. The suggested pay schedule below includes a 3 percent raise for GS-1 through GS-6 and a graduated raise of from 4-9 percent through the higher grades.

	1	2	3	4	5	6	7	8	9	10
	(Payline)									
GS-1	\$ 3,889	\$ 4,019	\$ 4,149	\$ 4,279	\$ 4,408	\$ 4,538	\$ 4,668	\$ 4,798	\$ 4,928	\$ 5,057
2	4,231	4,372	4,513	4,655	4,796	4,937	5,078	5,219	5,360	5,501
3	4,600	4,753	4,907	5,060	5,214	5,367	5,521	5,674	5,828	5,981
4	5,145	5,316	5,487	5,658	5,829	6,000	6,171	6,342	6,513	6,684
5	5,732	5,924	6,115	6,307	6,498	6,690	6,881	7,073	7,265	7,456
6	6,321	6,532	6,743	6,955	7,166	7,377	7,588	7,799	8,010	8,221
7	6,981	7,214	7,447	7,680	7,913	8,146	8,379	8,612	8,845	9,078
8	7,699	7,956	8,213	8,470	8,727	8,984	9,241	9,498	9,755	10,012
9	8,462	8,744	9,026	9,308	9,590	9,872	10,154	10,436	10,718	11,000
10	9,297	9,607	9,917	10,227	10,537	10,847	11,157	11,467	11,777	12,087
11	10,203	10,543	10,883	11,223	11,563	11,903	12,243	12,583	12,923	13,263
12	12,174	12,580	12,986	13,392	13,798	14,204	14,610	15,016	15,422	15,828
13	14,409	14,889	15,369	15,849	16,329	16,809	17,289	17,769	18,249	18,729
14	16,946	17,511	18,076	18,641	19,206	19,771	20,336	20,901	21,466	22,031
15	19,780	20,439	21,098	21,757	22,416	23,075	23,734	24,393	25,052	25,711
16	22,835	23,596	24,357	25,118	25,879	26,640	27,401	28,162*	28,923*	
17	26,264	27,139	28,014*	28,889*	29,764*					
18	30,239*									

Column four, "payline," is the step used in making comparisons with pay rates in private industry. Asterisks denote salaries above \$28,000 ceiling set by law.

ESSA HIRING FOR ANTARCTIC POSTS

Applications are now being accepted for electrical engineers and physicists to operate equipment in Antarctic research programs for the ESSA Research Laboratories. Employment will be for 16 to 18 months with approximately 13 months being spent in Antarctica. Applicants should contact Dean Pearce, Personnel Office, ESSA Research Laboratories, Boulder, Colorado 80302. Preliminary selections will be made in early April.

Applications are also being accepted for meteorologist, GS-12 and GS-11; meteorological technician, GS-9 and GS-7; and electronic technician, GS-10. The tour of duty for meteorological technician, GS-7, is for approximately six months including four to five months in Antarctica; the tour for others listed will be approximately 16 months including about 13 months in Antarctica. Applicants for these positions should contact George Scott, ESSA Personnel, Building 5, Rockville, Md. 20852.

MAPPERS MEETING IN WASHINGTON

The annual convention of the American Congress on Surveying and Mapping and the American Society of Photogrammetry is being held in Washington, D. C., March 10-15. ESSA participants will include Roy Williamson, EDS, and Jeter Battley, Albert K. Heywood, H. C. Anderson, J. M. McAlinden, Charles Theurer, C. F. Ellingwood, F. F. Junek, and C. F. Kelley, all of C&GS.

ERL MEN EDIT NEW TEXT ON GEOMAGNETISM

Drs. Sadami Matshushita and Wallace Campbell, ERL scientists, are co-editors of the first comprehensive English-language text on geomagnetism since 1940. Titled "Physics of Geomagnetic Phenomena," it consolidates recent advances in the field and summarizes present understanding of physical scientists. Other contributors are Drs. Leroy H. Alldredge, Ernest K. Smith, Jr., Robert Cohen, George C. Reid, T. E. Van Zandt, and J. Virginia Lincoln.

STEWART TO KEYNOTE MARINE SYMPOSIUM

Dr. Harris B. Stewart, Jr., director of the Atlantic Oceanographic Laboratories, Miami, will deliver the keynote address at the Marine Technology Society symposium in Philadelphia, Pa., March 19-20. Another ESSA speaker will be William L. Griffin, C&GS, who will present a paper on the "Legal and Engineering Aspects of Federal-State Continental Shelf Boundary Making."

CORPUS CHRISTI AIRPORT SURVEYED

A C&GS airport survey party, headed by Darrell L. Wright, is conducting a field survey of Corpus Christi (Tex.) International airport.

WB SCHEDULES ENGINEERING CONFERENCE

Representatives of the WB's six regions will meet at Bureau headquarters for a conference of regional engineers, March 11-15. Scheduled to attend the week-long series of sessions to work on engineering programs and plans within the Bureau are: Ben H. Russler, chief, Engineering Branch, Eastern Region; R. V. Baughman, chief, Engineering Branch, Southern Region; Harold D. Anderson, chief, Engineering Branch, Central Region; Marvin Paulson, chief, Administration and Technical Services Division, Western Region; George H. Luetkehans, chief, Facilities Branch, Alaska Region; and D. D. Conte, chief, Facilities Engineering Branch, and F. M. Keyes, chief, Electronics Maintenance Branch, Pacific Region.

SECTIONAL AERONAUTICAL CHARTS AVAILABLE

Thirteen C&GS sectional aeronautical charts covering the U.S. cities of Charlotte, Jacksonville, Los Angeles, Miami, and Washington and locations at Anchorage, Bethel, Cape Lisburne, Dawson, Fairbanks, McGrath, Nome, and Seward, Alaska are now available to users. Another 14 charts for New Orleans, Houston, San Antonio, Albuquerque, Brownsville, El Paso, Ketchikan, Cold Bay, Dutch Harbor, W. Aleutian Islands, Kodiak, Pt. Barrow, Juneau, and Whitehorse are expected to be published this spring.

KILGORE CONFERS ON EQUAL EMPLOYMENT

E. W. Kilgore, Eastern Region Public Service Operations Meteorologist, attended an Equal Employment Opportunity meeting in New York, Feb. 9, to discuss the progress made by New York area Federal agencies in furthering equal employment opportunity.



ESSA AT WORK

H. David Hobart, a designer in the WB Overseas Operations Division, operates the experimental device that will permit relay of weather data from the NSF Ship ELTANIN to Washington via satellite.

ERL TO PUBLISH HIGH ALTITUDE REPORT

ERL's Space Disturbances Laboratory, Boulder, assumed the responsibility for preparation and distribution of the High Altitude Observatory weekly report, Preliminary Report and Forecast of Solar Geophysical Activity, on March 1. The publication, formerly a joint effort of the National Center for Atmospheric Research and ERL, will be edited by Dale Bucknam and J. Virginia Lincoln.

WALLOPS STAFF PROMOTES SAFETY

Harold Boone, supervisory electronics development technician, and the staff at the Weather Bureau Support Facility at Wallops Island, Va., have given exceptional support to the Hampton Roads Chapter of the Federal Safety Council. Lloyd Chamberlain, MIC at the Support Facility, was the guest speaker at the chapter meeting, held Feb. 8, after which the ESSA film "TORNADO!" was shown. Joseph Brewton, WBSF program assistant, was appointed publicity chairman for the chapter at the same meeting.

SURVEY PINPOINTS COASTAL HAZARDS

A C&GS hydrographic survey of the New Jersey coast from Sandy Hook to Cape May has pinpointed the existence of many sunken wrecks, piles, and other obstructions regarded as dangerous to navigation. Results of the survey, conducted by a party headed by Lt. Gerald M. Ward, Jr., are incorporated in new charts published last month.

FIRE-WEATHER CIRCUITS PLANNED

During FY 1968, seasonal fire-weather teletypewriter circuits will be installed in Arizona, New Mexico and Wyoming. The Arizona-New Mexico circuit will operate from April 1 - July 31; the Wyoming circuit will be operational from July 1 - October 15. These circuits will complete the fire-weather communications systems in the western part of the country.

WB, CANADIANS EXCHANGE GIFTS

Vaughn D. Rockney and J. Glenn Dyer, of the WB's Overseas Operations Division, presented Canadians with a gift at the Joint Arctic Weather Stations Planning Conference in Ottawa, Feb. 15-16. Copies of the publication "Earth Photographs from Gemini III, IV, and V," autographed by the Administrators of ESSA and NASA, were given in appreciation of Canada's cooperation with the U.S. in operating the valuable weather stations throughout the Northwest Territories. The Canadians reciprocated with an Eskimo^o carving.

McARTHUR ASSISTS UNIVERSITY PROJECT

The USC&GSS McARTHUR has installed three current meters in the vicinity of Molokai Island to assist the oceanography department of the University of Hawaii. Under provisions of a cooperative program, C&GS vessels undertake limited oceanographic research projects for universities and scientific institutions. The University of Hawaii will make its current data available to C&GS for use in preparation of its tidal current tables and charts in return for the McARTHUR's help on the project.

ADMINISTRATIVE CONFERENCE HELD IN KANSAS CITY

The C&GS Mid-Continent Field Office and the WB Central Region co-hosted a four-day Administrative Operations conference in Kansas City, Feb. 13-16. In the photograph below, left to right, front row: Everett McBride, Rockville; Lloyd Sjolander, San Francisco; Ray Harmon, Irvin Thode, and Al Schultz, Kansas City. Second row: Cdr. Dewey G. Rushford, Kansas City; E. F. McCann, Rockville; T. P. Gleiter, Rockville; Roy Fox and Capt. Edward Brown, Kansas City; Margaret Kerr, Norfolk; Harold McComb, Kansas City. Third row: Charles Nelson, Rockville; Charlie Raven, Fort Worth; Richard A. Foster, Rockville; Bill Wright, New York; James Rhodes, Kansas City; Luther Olson, Silver Spring; B. F. Loveless, Rockville; Richard Lyle, Kansas City; Stanley Oborski, Honolulu; Al Wallace, Silver Spring; B. A. Benway, Boulder; Murray Briggs, Kansas City; Pete Van Kommer, Anchorage. Fourth row: Charles Browning, Asheville; Les Snyder, Fort Worth; Domenic Gaudioso, New York; Harry Weirauch, Salt Lake City; Graham Mathes, Seattle; Alex Campbell, Rockville; Cliff Jarman, Boulder; Jeff Ardoin, Rockville.





MEMPHIS MIC RETIRES

When Gilley T. Stephens retired Feb. 14 as MIC at Memphis, Tenn., after 30 years of government service, the sendoff party included Wilmer L. Thompson (left), Southern Region Director, and Russell C. Grubb (right), Director, Executive and Technical Services Staff at Weather Bureau Headquarters.

McCOLLUM, BILLEY DIE

A. B. McCollum, geophysicist at the Pacific Oceanographic Research Laboratory, Seattle, died Feb. 13. Mr. McCollum had participated in the early field work of the SEAMAP surveys as a gravity specialist aboard the USC&GS Ships PIONEER and SURVEYOR.

Paul S. Billey, meteorologist at the Weather Bureau Airport Station in Scottsbluff, Nebraska, died Feb. 14.

SERVICE AWARDS

Washington-area ESSA employees eligible for length-of-service awards during the period October 1967 - March 1968 include: 40 years - George Rabbitt. 35 years - Herbert W. Rahmlow, Wallace Bruder, Hila V. Parrill, and Morris H. Frankel. 30 years - Gaspare E. Licausi, Jeff D. Ardoin, Julius Badner, Sidney Teweles, David J. Stowell, C. Harmantas, Glenn M. Miller, Elton E. Mooney, and C. L. Bristor. 25 years - Major White, Doctor Lyons, Lawrence C. Wharton, Robert H. Reece, Capt. William C. Randall, Farris Holmes, Robert E. Beck, Kathleen Kane, Ruth W. Davis, Lacey W. Smith, Exum R. Roberts, Horace E. Hardaway, Justine M. Young, Edna M. Leimbach, James Leo Doherty, S. R. Barbagallo, Bernard Rochlin, and Walter T. Sittner. 20 years - Arthur R. Benton, Jr., Herbert S. Lieb, Anthony Sturm, Salvatore F. Domino, and Irene P. McGroary.

THE WELCOME MAT

Stanley Spivey, formerly with the Lockheed Missile and Space Company, has joined the Requirements and Evaluation Branch of the WB's Data Acquisition Division.

The C&GS Mid-Continent Field Area, Kansas City, welcomes James B. Morrison, Manuel James, Carl E. Ramsey, Howard L. Ping, Jerry N. Leonhardt, Leon A. Rimpson, and Walter L. Chamley.

Items to be considered for ESSA NEWS must be received by Friday 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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