

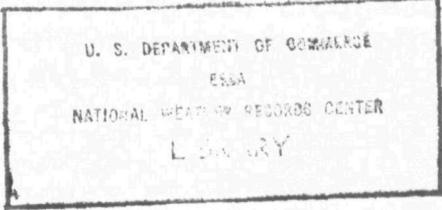
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ESSA NEWS

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Astronaut Alan Bean's Sister Employed at Weather Bureau



ESSA employees and especially the Weather Bureau had more than a normal interest in the flight of Apollo 12. Mrs. Paula E. Peden, secretary to Leo E. Young, chief of the Electronics Section, Weather Bureau Southern Region, Fort Worth, Tex., had a very special person

Mrs. Peden
aboard the spacecraft--her brother, Astronaut Alan L. Bean.

New Per Diem Rates Effective Nov. 13

Public Law 91-114, which became effective during November, increased the maximum per diem rate allowable for travel performed by Government employees. This increase of the maximum rate has permitted other rate adjustments to be made where appropriate.

Since a number of per diem studies are currently in progress within ESSA, a memorandum was issued on November 13, transmitting to all holders of the ESSA Travel Handbook an interim per diem rate schedule (Exhibit G-1 of the Handbook), which will remain in effect until the results of the several studies are known and a more permanent revision of Exhibit G-1 can be issued.

Any traveler who has questions concerning the per diem rate(s) applicable to his travel should contact the individual who authorized his travel before he submits his voucher.

21st VHF-FM System Dedicated in Conn.

The Weather Bureau's 21st VHF-FM continuous weather transmission site was dedicated at ceremonies held at WBO Hartford and Groton, Conn., Nov. 5. Transmissions originating at the Weather Bureau Office at Bradley International Airport, Windsor Locks, are sent by telephone lines to Connecticut Park and Forest Commission Fire Tower radio relay station on John Tom Hill in Glastonbury. From Glastonbury, the signal is relayed by UHF to Montville, Conn., where the omni-directional transmissions will radiate on a frequency of 163.275 from a tower owned by radio station WNLC, New London, Conn. This is the first Weather Bureau VHF-FM station to use the alternate frequency of 163.275, which will avoid overlapping signals from the New York VHF transmitter.

At Hartford, 18 invited state and Federal officials and representatives of three television stations were present.

Several telegrams expressing appreciation for the establishment of the system were received from dignitaries, including Senator Claiborne Pell (R.I.), and Congressmen William L. St. Onge, Thomas J. Meskill, and John Stephen Monagan (Conn.)

Silvio G. Simplicio, Eastern Region Director, and Gerald L. Shak, Eastern Region User Services Representative, discussed the Weather Bureau's VHF-FM program and its value in dissemination of warnings.

U.S. Savings Bonds make the ideal Christmas gift--for young and old alike. They're indestructible, never go out of style, don't require watering or feeding, are easily obtainable at your bank, and increase in value with the years.

ERL Scientists Test Acoustic Sounders

ERL scientists, including participants from Australia, Canada, and other U.S. scientific agencies, have completed a cooperative study of the atmosphere that may lead to new methods of monitoring air pollution in major cities, guiding jet aircraft through rough air during airport approaches, and prewarning of flash floods by monitoring heavy rains in remote areas.

The five-week experiment was conceived, under the auspices of the Hornig Agreement for the exchange of scientific and technical information between the U.S. and Australia, as a result of the successful acoustic "radar" research conducted by the Australian Department of Supply.

The project's chief objectives were to evaluate the acoustic sounders by studying their performance alongside a meteorological tower, and to learn more about the processes occurring in the lowest 500 feet of the atmosphere known as the boundary layer.

The scientists also used 14-mile-long microwave and laser beams, Doppler radars, and a 500-foot tower with four instrumented platforms, one of them mobile.

Raymond E. McGavin of ERL's Wave Propagation Laboratory said a high correlation has been found between the measurements made on the tower and those obtained by the acoustic sounders. This suggests that meteorologists will soon have a powerful new ground-based tool for practical and research purposes.

The experiment was carried out at a remote site near Haswell, Colo., that has a natural bowl shape--14 miles across and 200 feet deep--especially suited for the experiment.

Jager Named GARP Project Leader

Gilbert Jager, meteorologist in NESG's Applications Group, has been appointed project leader of the Global Atmospheric Research Program's ATS-1 wind data collection project. In this study, ATS-1 movies for November are undergoing special analysis to obtain a maximum number of both high and low level winds. Over 400 winds per day will be extracted for each day of the project.

Mayer and Morgan Head N. Y. Office



Mr. Morgan



Mr. Mayer

John A. Mayer, a veteran of 23 years' service with the Weather Bureau, has been appointed meteorologist in charge of the New York Weather Bureau Office, succeeding Anthony E. Tancreto, who recently accepted an assignment at Eastern Region headquarters. Mr. Mayer has held several positions in New York City and was meteorologist in charge of the Weather Bureau office in Charleston, West Va., from 1950 to 1967.

Thomas Morgan has assumed the duties of principal assistant at the New York office replacing Milton Payne, who has been promoted to a new assignment in the New York area forecast complex. Mr. Morgan joined the Weather Bureau in 1947 at La Guardia Field, N. Y., and has held several forecasting positions there and at J. F. Kennedy International Airport.

Mr. Mayer and his staff will be responsible for providing public, marine, and agricultural and air pollution weather services to the greater New York metropolitan area, northern New Jersey and the surrounding coastal waters.

C&GS To Complete Texas Survey

A 17-man C&GS field party, headed by James L. Cook, has begun work on the final phase of a geodetic survey of a 2400-square-mile area in northern Texas. When completed, the survey will provide the latitudes and longitudes of over 70 geographic positions for subsequent use in mapping and engineering projects.

C&GS has announced plans to survey a 50-mile segment of Interstate Highway 35 in Kansas, between Salina and McPherson, in the spring of 1970.

Oceanic Research Group Plans Field Experiment

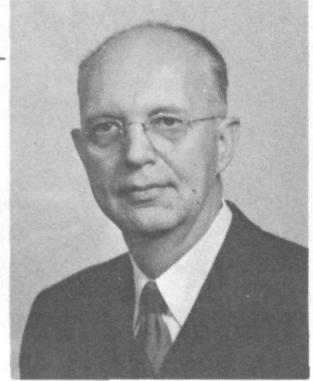
Scientific Committee on Oceanic Research (SCOR) Working Group 15 on the international standardization of procedures for measuring photosynthetic radiant energy met at the Atlantic Oceanographic and Meteorological Laboratories, Miami, Fla., Nov. 17-21. Present were scientists from Denmark, Japan, Australia, France, U.S.S.R., and the United States, who worked with Captain Hubert W. Keith, DISCOVERER commanding officer, in planning their field experiment scheduled for April of 1970.

Weather Bureau Accountant Interprets for Visitor

Florence Yasuhara, accounting technician in the Weather Bureau's Pacific Region, served as an interpreter during the November 10 visit of Dr. Ren'iti Saito, Chief of Observations Division, Japan Meteorological Agency, to the Pacific Region.

R. Adm. Smith, Retired C&GS Officer, Honored

R. Adm. Paul A. Smith, who retired from the Coast Survey in 1954, received a second Air Force Exceptional Civilian Service decoration on Nov. 5. He was similarly honored by the Air Force in 1964. R. Adm. Smith was cited for "exceptionally meritorious service to the Department of the Air Force from 1958 to the present time as a member and as former Chairman of the Geophysics Panel of the USAF Scientific Advisory Board." Now associated with the Rand Corporation, R. Adm. Smith entered the Coast Survey in 1924.



R. Adm. Smith



Attending the Weather Bureau Marine Data Acquisition Conference at Weather Bureau headquarters, Nov. 3-7 were (seated, left to right): William E. Kennedy, Cleveland, Ohio; A. G. Kornmann, WBH; A. J. Rohlfs, New Orleans, La.; G. L. Poole, Boston; H. C. Steffan, Asheville, N.C.; S. R. Raush, San Francisco; and W. T. R. Allen, Canadian Met. Service. Standing, left to right: A. W. Youmans, WBH; J. J. Harrell, WBH; L. Howard, Canadian Met. Service; L. Newman, Anchorage, Alaska; G. Harger, WBH; G. S. Doore, WBH; W. Stoddard, New York, N.Y.; P. A. Arnerich, San Francisco; W. A. Gribble, Norfolk, Va.; A. E. Rippo, Long Beach, Calif.; R. R. White, San Francisco; V. K. Davis, Seattle; J. H. Dew, Brooklyn, N.Y.; Dr. S. Teweles, WBH; A. I. Cooperman, EDS; C. F. Trainer, CRH; V. D. Rockney, WBH; R. M. Black, WXAP; R. W. Schoner, WBH; W. J. McKee, ERH; W. H. Glassman, Boston; and W. Irvin, WBH.

Krumm Awarded 40-Year Length-of-Service Pin



Wilbert R. Krumm (left), regional fire-weather meteorologist for the Weather Bureau's Western Region and staff weather official at Boise, Idaho's Interagency Fire Center, has received a 40-year length-of-service award. Dr. George P. Cressman, Weather Bureau Director, presented the award. Mr. Krumm has headed the Region's fire-weather program since 1960 and pioneered many of the programs that show relationships between weather and fire danger.

Owenby Nominated for Handicapped Award

James R. Owenby, meteorological technician at EDS' National Weather Records Center, Asheville, N. C., has been nominated by ESSA to represent the Department of Commerce in the competition to select the Handicapped American of the Year. Despite complete paralysis of his lower limbs and partial deformity of his lower spine, Mr. Owenby performs meteorological technician duties concerned with charting, verification and computation of data required for use in developing meteorological charts. Last year, Mr. Owenby was selected as the Department of Commerce's "Outstanding Handicapped Employee of the Year."

Randall and Kangeiser Appointed To Air Pollution Control Posts

Ray Randall, Bakersfield, Calif., meteorologist in charge, has been appointed a member of the Air Pollution Control Board of the Kern County Air Pollution Control District.

Paul Kangeiser, State Climatologist at Tempe, Ariz., has been named a member of the Maricopa County Air Pollution Advisory Council.

Aviation Meteorologists Meet in Fort Worth, Tex.

Aviation Service Operations Meteorologists for the four continental U. S. regions, Southern Region Aviation Quality Control Officers, and Aviation Service Project Leaders from ESSA and WB headquarters met in Ft. Worth on November 4 and 5. In addition to reviewing current aviation service and quality control activities, the group heard from N. A. Lieurance, Director of Aviation Affairs, on trends in future service requirements, and from Gerald Peterson, Chief of SDO's data-processing branch, on advanced methods for data storage, retrieval, and dissemination now under study to cope with ever-increasing aviation briefing loads.

Three Air Quality Control Regions Slated for Texas

Weather Bureau Southern Region and field personnel attended recent public hearings to establish three air quality control regions in Texas -- San Antonio, Greater Houston, and Ft. Worth-Dallas. ESSA data on wind movement, mixing depth, and other climatic data important to this problem have been used extensively in studies leading to the proposals.

Vandenberg AFB Staff Reduction Planned

Under a Weather Bureau-Air Weather Service agreement, the eleven remaining AWS-funded positions at Vandenberg Air Force Base are to be phased out this fiscal year. The plan provides for transferring two employees by Jan. 1, seven by April 1, and the remainder by June 30. Weather Bureau-supported positions will remain for maintaining a cooperative two-a-day upper-air observational program.

Length-of-Service Awards

Awards were due to the following WB Western Region employees during October: 35 years - David A. Burt, Los Angeles, Calif. 30 years - Harold F. Rush, Yakima, Wash. 25 years - Edward J. Brennan, Salt Lake City, Utah.

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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