

December 26, 1969

A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION**ESSA
NEWS**

Volume 5 Number 52

U. S. DEPARTMENT OF COMMERCE
ESSA
NATIONAL WEATHER RECORDS CENTER
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Twenty ESSA scientists are participating in the 1969-70 U.S. Antarctic Research Program, and will be conducting experiments and research on various aspects of the Antarctic environment over the next year. Their work is financed by the National Science Foundation, which coordinates and funds the overall U.S. Antarctic program, in which about 230 American and foreign scientists are participating.

Seven ESSA men will spend the Antarctic winter on the continent; the remainder will conduct their research during the Antarctic summer and will return about March 1970. Two will serve as scientific leaders during the winter at the South Pole and McMurdo stations. They are Frank H. Merrem, Jr., at the Pole, and James R. Webb at McMurdo. Both are from the ESSA Research Laboratories. C&GS personnel will operate seismological and magnetic observatories at the South Pole and Byrd stations. Weather Bureau men will take meteorological observations at South Pole and Byrd stations. Special measurements of solar and long-wave radiation and of ozone, both at the surface and aloft, will be made at the South Pole station. Weather Bureau meteorologists will also provide operational weather support to U.S. Navy aircraft during the summer flying season. Scientists of the ESSA Research Laboratories will study the propagation of very-low-frequency radio waves as they travel over long distances; ultra-low-frequency disturbances in the outer magnetosphere; the causes of short-term fluctuations in ionospheric phenomena; and the radio wave absorption properties of the ionosphere. F. Michael Maish will continue research he carried out at Vostok during the 1969 winter. A Soviet scientist will operate the equipment after Maish's departure.



Shapley



Maish

ESSA scientists participating in the Antarctic Research Program are:

Wintering Party 1970

C&GS—Charles R. Hutt (South Pole); Robert Kohler (Byrd). Weather Bureau—Marvin Kempton (South Pole); Dennis Walts (South Pole). ERL—Madison J. Post (Byrd); James R. Webb (McMurdo); Frank H. Merrem (South Pole).

1969-70 Summer Party

C&GS—Clyde J. Beers (Byrd). Weather Bureau—Robert D. Grass (Byrd); Henry Meyer (Byrd); Robert Newland (Byrd); Reginald Preston (Byrd); Henry Smoot (Byrd); Harold Emery (South Pole); Donnie Musgrove (South Pole); Norris Nielson (South Pole). ERL—Warner L. Ecklund (Byrd); John E. Jones (Byrd); Allan H. Shapley (Byrd); F. Michael Maish (Vostok). Shapley is the Research Laboratories' Antarctic Coordinator and the Director of its Office of Programs.

In addition, eight technicians of the Coast Survey will continue their work in the worldwide satellite triangulation program, completing the Antarctic phase in February 1970.

Utah Power Company Honored For 50 Years of Cooperation



The Utah Power and Light Company was recently honored by ESSA for a half-century of continuous daily weather observations made for the Weather Bureau by employees of the Lifton Pumping Station near St. Charles, Idaho. The hydro-climatic weather station gained recognition as an official Weather Bureau Cooperative Substation in 1919. O. R. Warner (right), Deputy Director, Weather Bureau Western Region, assisted by Stanley G. Holbrook, ESSA State Climatologist for Idaho, presented the award to Roy Bosen (left), the present observer and representative of Utah Power and Light Co.

Boat Show Exhibit Schedule Announced

ESSA exhibits are scheduled to be shown at the following boat shows in early 1970:

- 1) San Francisco Sports & Boat Show
San Francisco Jan. 9-18
- 2) National Boat Show
New York City Jan. 21-Feb. 1
- 3) Houston International Boat, Sport
and Travel Show
Houston, Texas Jan. 31-Feb. 8
- 4) Chesapeake Bay Boat Show
Baltimore, Md. Feb. 7-15
- 5) New Orleans International Boat Show
New Orleans, La. Feb. 14-22
- 6) New England Boat Show
Boston, Mass. Feb. 20-Mar. 1
- 7) Miami International Boat Show
Miami, Fla. Feb. 20-25
- 8) Washington International Boat Show
Washington, D.C. Feb. 21-Mar. 1
- 9) Chicago National Boat, Trade and
Outdoor Show
Chicago, Ill. Apr. 10-19

C&GS Officials To Speak at Alaska Meeting

Two C&GS officials will address the Fifth Alaska Surveying and Mapping Convention in Anchorage, Feb. 4-6. Rear Adm. Don A. Jones, Coast Survey Director, will present a paper, "Next Decade in Alaska," while Capt. John O. Phillips, C&GS Associate Director, Geodesy and Photogrammetry, will speak on "Alaska Mapping in Perspective."

Hawaii Climatologist To Be TV Panelist

Saul Price, ESSA Regional Climatologist for Hawaii, will be a panelist on a television talk show with the theme, "Pollution: A Present Danger." The program, part of a new educational series entitled "Hawaii 1970," will be broadcast January 19.

Foltz Addresses Southern Foresters

Dr. Harry P. Foltz addressed the Southern Group of the National Association of State Foresters in Atlanta, Dec. 9. Also attending were Southern Region Acting Chief of Operations John A. Riley, Jr., and Paul H. Hagerty, Regional Forestry Meteorology Coordinator.

Airport Surveys Underway in Two States

A C&GS airport survey party, headed by Paul D. Crabtree, is working in December at Atlanta Airport, Atlanta, Ga. Another headed by Elmer Pursel, Jr., is surveying the Sacramento, California, Executive Airport.

Callaway Heads Winnemucca Weather Bureau



Vincent F. Callaway, Official in Charge, Quillayute, Wash., has been transferred to Winnemucca, Nev., as Official in Charge. Mr. Callaway served in the Air Weather Service during World War II, and entered the Weather Bureau in 1947 at Portland, Oreg. Subsequent assignments included several stations in the Pacific area and the Western Region. He was in charge of Tatoosh Island WBO when the office was moved to Quillayute three years ago.

Ham Operator Receives Award

Julio Erenata, a resident of San Diego, Calif., and a member of the Mexican amateur radio network, has received the Weather Bureau's Public Service Award. Mr. Erenata sends San Francisco hurricane advisories and warnings to the western coast of Mexico to supplement the normal distribution of warnings.

Career Day Set for Maryland Students

ESSA is again joining about 20 federal, state, and private employers in a career opportunity program approved by the Montgomery County Chapter of the Society for Personnel Administration. For three days, employers will be interviewing college students who are home during the Christmas vacation about career opportunities in Montgomery County. Interviews will be held at the Silver Spring Motor Inn, 8727 Colesville Road, Silver Spring, Maryland, 9:00 a.m. to 5:00 p.m. Dec. 29, 30, and 31.

Southern Region Repeats Weather Wire Contest

For the second consecutive year, the Weather Bureau Southern Region is holding an ESSA Weather Wire Contest. In the contest, each State Relay Center selects two-hour continuous copy from its intrastate circuit for November and submits it as a contest entry. Judges selected to represent the press, wires, radio, and television during this year's contest are: Bob Scarr, Associated Press wire chief, Little Rock, Ark.; Bill McDonald, program director, KEYS Radio, Corpus Christi, Tex.; and John Gause, telecaster at WTVY-TV, Dothan, Ala. Copy submitted will be judged for format, content, and usability by the news media.

Mobley Heads Marine Center Division



Cdr. Wayne L. Mobley, has been named chief of the Processing Division at the Coast Survey's Atlantic Marine Center, Norfolk, Va. Mobley was formerly Commanding Officer of the USC&GS Ship WHITING and has been with the Survey since 1958.

Pins Given in San Francisco



(Left to right) 130+ years of service were represented when William K. Cloud, Chief of the Seismological Field Survey, presented a 30-year pin to B. J. Morrill, and Mrs. Nina Scott received a 30-year pin from Dr. Dean Carder of the Earthquake Mechanisms Laboratory. Dr. Carder has 36 years of government service and Mr. Cloud has more than 34.

C&GS Party Surveys Monroe County, N.Y.

A two-year Federal survey of Monroe County, N.Y., has been completed by the Coast Survey. Geographic positions throughout the county were determined or upgraded for more than 90 monumented points, some in Rochester, N.Y., for use in surveying and mapping projects.

Length-of-Service Awards

The following employees became eligible for length-of-service awards during November and December: 35 years - John McAlinden and Frank H. Werner. 30 years - Thomas Stetson, Alma B. Reese, Elroy Sommerfeldt, James F. Barrington, Otto J. Preikszas, Arthur A. Poling, Jr., John R. Almquist, Ralph E. Bower, and Robert E. Nichols. 25 years - Reva J. Baker, Adrienne M. Dunn, Edna L. Grooms, Anna H. Burger, Eugene M. Elliott, Raymond E. Low, Frank Boyd, Robert S. Simmons, William Morrison, Aquilino C. Baez, Carrie Argyropais, Frederick Connick, Benjamin Goldberg, Arthur F. Low, Thomas W. Matthews, and Inez V. Burden. 20 years - William O. Davis, F.A. Evangelista, Harold A. Scott, James H. Gerrity, Walter O. Henegar, Lloyd Tucker, Elizabeth A. Koster, Dorothy F. Rochlin, Ann E. Purdy, Gladys M. Crown, and Richard K. Siler.

Premium Rates Lowered for Optional Life Insurance

An open season for regular and optional life insurance--with a reduction in premiums for the more than 300,000 employees and annuitants who carry the \$10,000 optional life insurance, but no change in premium rates for regular insurance--was announced Dec. 5 by the U.S. Civil Service Commission.

The open season will be held during the entire month of March 1970, and the new premium rates for optional life insurance will become effective at the beginning of the first pay period in April 1970.

Premium rates for the \$10,000 optional life insurance are based on the employee's age group, whereas the cost to the employee for regular insurance remains constant at 27½¢ per \$1,000 of insurance per bi-weekly pay period regardless of the employee's age. Present and new rates for the \$10,000 of optional life insurance are shown in the table below.

During the open season in March 1970, any eligible employee (but not an annuitant) who has waived his regular life insurance will be given an opportunity to cancel the waiver and obtain the regular life insurance without evidence that he is in good health. Similarly, any employee who has regular insurance but who declined to take the optional insurance will be given an opportunity to elect the optional insurance without evidence of good health.

Eligible employees are automatically covered for regular life insurance unless they have specifically stated in writing that they do not want the insurance. The

cost of the regular insurance is shared by the employee, who pays two-thirds, and the Government, which pays one-third of the premium. The amount of regular life insurance coverage approximates an employee's annual salary plus \$2,000, with a minimum of \$10,000 of insurance for those earning \$8,000 or less. The maximum amount of regular insurance coverage is \$45,000.

For employees who reached ages 35 or 55 in 1969, premium increases for optional insurance, scheduled to be adjusted in January 1970, will be postponed until April 1970, at which time premium rates will be lower.

With regard to retirement: Annuitants who carried optional insurance at the time they were retired are not required to pay premiums for the \$10,000 optional insurance after they reach 65, although at that age the \$10,000 begins to reduce gradually until it reaches \$2,500. An employee may keep his optional insurance after retirement if he carried it for at least 12 years before retirement or for all service during which it was available to him. Therefore, an employee who originally declined the optional insurance and who elects it during the March open season may not be able to keep it after retirement if he retires before he has carried the optional insurance for at least 12 years. He would, however, be eligible to convert the optional insurance to a private policy without evidence of good health.

<u>Age group</u>	<u>Present biweekly premium</u>	<u>New biweekly premium</u>	<u>Present monthly premium</u>	<u>New monthly premium</u>
Under 35	\$ 3.00	\$ 1.30	\$ 6.50	\$ 2.82
35-39	6.00	1.70	13.00	3.68
40-44	"	2.40	"	5.20
45-49	"	3.60	"	7.80
50-54	"	5.50	"	11.92
55-59	20.00	17.00	43.33	36.83
60 or over	"	19.00	"	41.17

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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July 23, 2010