

ESSA

NEWS

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ESSAites GET SPACE BILLING. With the successful launching of ESSA I (Environmental Survey Satellite) last Thursday, ESSA employees can boast of being the only Federal organization whose acronym names a satellite. ESSA I, the eleventh satellite in the TIROS series and the first in the TIROS Operational Satellite System, is now photographing global cloud patterns after scientists completed the adjustment of its two cameras by remote control. The 305-pound satellite is passing over the entire surface of the earth once each day in a near-polar orbit ranging from 433 to 523 miles high. A second, more advanced satellite (to be called ESSA II when it is inserted in orbit) is scheduled for launching about February 23.

WMO COMMISSION TO MEET IN WIESBADEN. ESSA officials will attend the fourth session of the World Meteorological Organization (WMO) Commission for Synoptic Meteorology (CSM), which meets in Wiesbaden, Germany, March 8 - April 2. This Commission is concerned with the methods and means of weather analysis and forecasting, the standardization of weather codes, and the planning of communications for worldwide exchange of meteorological data required for forecasting. In addition, the CSM is directly responsible for incorporating the World Weather Watch into regular WMO programs. Paul H. Kutschenreuter of ESSA, leader of the United States' delegation to the session, is CSM member on a Working Group of the Commission for Maritime Meteorology. Also included in the United States' delegation are E. M. Vernon and S. R. Barbagallo of the Weather Bureau, both United States' members of CSM Working Groups; C. G. Reeves (WB), the United States' member on the Region IV Working Group on Code Problems; and F. W. Burnett (WB), the United States' spokesman on telecommunications and advisor on operations of the U. S. World Weather Center, Suitland, Md. Advisors to the United States' delegation are D. M. Hanson (WB) and G. D. Cartwright, a former Weather Bureau Director of International Relations, now a Department of State representative at Geneva.

HIGH LOOK AT HIGHWAYS. ESSA's Coast and Geodetic Survey took part recently in meetings of the Highway Research Board, held in Washington under the auspices of the National Academy of Sciences. Attended by highway engineers, mathematicians, and both United States and foreign scientists, the meetings emphasized potential of the relatively new application of aerial photography and photogrammetry in the engineering fields of highway design, planning, and construction.

TOPICS/PERSONNEL PANORAMA DISCONTINUED. For 50 years TOPICS was the official publication of the Weather Bureau. With the creation of ESSA it has become necessary to discontinue it as well as Coast and Geodetic Survey's PERSONNEL PANORAMA. A new monthly ESSA magazine is now being planned but until it becomes a reality ESSA NEWS will do its best to bridge the gap by occasionally adding a four page feature story to its ESSAwide news reporting.

REEMPLOYMENT OF ANNUITANTS. The Civil Service Commission says that, in general, the reemployment of an annuitant is not compatible with his separation for retirement, and no annuitant is entitled to reemployment as a matter of right. Reemployment is improper where it is primarily for the benefit of the individual personally and does not materially promote the interest of the Government. Furthermore, reduction of an Agency's payroll through the device of reemploying annuitants is not in the Government's interest since the amount of the reduction is made up by payments from the Civil Service Retirement Fund. The policy of the Department of Commerce is to employ retired persons only when their employment would clearly promote the efficiency of the service more effectively than utilization of an available regular employee of the Department or the employment of any non-retired applicant from outside the Department. As far as practicable, any employment of a retired person shall be only on a temporary basis. If reemployment is desired, a Request for Personnel Action (SF-52), accompanied by a statement justifying the reemployment of the individual, must be submitted to the appropriate Personnel Office at least 45 days in advance of the proposed reemployment. All requests will be carefully reviewed to insure that policy requirements are met.

CLIMATOLOGIST ON CAMPUS. Donald V. Dunlap, ESSA State Climatologist for New Jersey, moved to new offices at Rutgers University last month. Formerly he was located at the WBO, Trenton.

1965 - TOP TORNADO YEAR. More tornadoes were recorded during 1965 than in any previous year according to Allen D. Pearson, the Meteorologist in Charge at the Weather Bureau's Kansas City Forecast Center. Preliminary reports list 912 of these storms last year -- topping the previous high of 864 in 1957. The average number of tornadoes has been increasing steadily over the past twenty years primarily due to better reporting methods. The present average is 605 tornadoes a year. Tornado experts in Kansas City attribute the high number of tornadoes last year to a pronounced split in the upper level wind flow over the North American continent in 1965. The split produced an increase in the moist south-westerly winds and thunderstorms over the central part of the nation -- prime ingredients for the tornado process.

PI GETS NEW DIRECTOR. Stanley B. Eames, the new Director of ESSA's Office of Public Information, reported for duty last week. Administrator Dr. Robert M. White named Eames for the position December 1965. Eames was a special reporter and war correspondent for The Boston Herald. He brings 26 years of public relations and newspaper experience to ESSA.

GEOPHYSICIST ENDS LECTURE TOUR. Dr. S. T. Algermissen of C&GS' Office of Seismology and Geomagnetism recently completed a lecture tour of Canada and the United States sponsored by the Society of Exploration Geophysicists (SEG). Selected as SEG Distinguished Lecturer for fall 1965, Algermissen presented a paper on the Prince William Sound (Alaska) Earthquake of 1964 to over 1600 scientists, comprising 17 geophysical societies affiliated with SEG in the United States and Canada.

PARLEZ-VOUS FRANCAIS ? An assistant technician is needed for a two to four-week detail to the Republic of Guinea, West Africa. The project will involve installation of radio transmitters and receivers, radio teletype, and F 420 wind equipment. Work also will involve setting up and operation of optical theodolites. Fluency in French is a must. Qualified electronic technicians are preferred but Met. Techs. or Facilities Specialists with good general mechanical and electrical skills will be considered. Wire or phone your personnel office not later than Feb. 18.

CAPTAIN NAMED TO WB JOB. Captain Marvin T. Paulson has been appointed chief of the Administration and Technical Services Division of the Weather Bureau's Western Region with headquarters at Salt Lake City. Former commanding officer of the Coast and Geodetic Survey's ship Explorer, Paulson has more than 24 years' experience in C&GS. His appointment to the WB position accents ESSA's program of interchanging experience and increasing mobility between various ESSA components.

ESSA OFFICIAL NEW ZEALAND BOUND. ESSA Acting Director of International Affairs Nels E. Johnson heads the United States' delegation to the fourth session of the World Meteorological Organization (WMO) Regional Association V (Southwest Pacific) in Wellington, New Zealand, this month. R. L. Belknap of the Weather Bureau's Pacific Region is a member of the delegation. Topics for discussion by the WMO group include World Weather Watch plans which will affect the Southwest Pacific area.

WEATHER IS A SERIOUS BUSINESS. Loren W. Crow, the Weather Bureau's Special Assistant for Industrial Meteorology, addressed a scientific staff meeting at the National Bureau of Standards in Washington recently. During his talk, "Weather Is A Serious Business", Crow discussed the collection and dissemination of weather information, multiple examples of specialized industrial uses of weather information, relationships of weather data to sister science disciplines, and relationships of temperatures to air conditioning design problems.

ANYONE FOR IRAN? An expert in meteorological telecommunications is needed for a year to advise in starting a meteorological broadcast system at Tehran, Iran. An academic background or practical experience in meteorological telecommunications is needed. Additional information is available at personnel offices.

MIC SLATED FOR WYOMING STATION. Neil M. Coulter has assumed duties as Meteorologist in Charge of the Weather Bureau Airport Station at Casper, Wy. He replaced Jerome Wolff who retired recently. Coulter joined the Weather Bureau in 1948 at Pueblo, Colo., from where his work has taken him on various assignments, including service in the Antarctic.

LOCAL GEOSCIENCE ELECTRONIC CHAPTER FORMED. A local chapter of the Geoscience Electronic subgroup of the Institute of Electrical and Electronic Engineers (IEEE) was recently formed in the Washington area. The field of interest of the subgroup includes: research, development, techniques in instrumentation for geophysics and geochemistry, gravity measurements, seismic measurements, magnetics, well-logging, space exploration, meteorology, oceanography and aerology. Dr. Leroy Alldredge, Director of the Institute for Earth Sciences will speak on Magnetic Measurement on Land and Sea at the subgroup's March 2 meeting, 7:30 pm, at the Materials Testing Lab, NBS. Get details from Tom Hickley (C&GS) or Ed Bisone (WB).

GOOD NEIGHBOR VISITS NMC. Wrondesco Antonio Almejun, Chief, Division of Synoptic Investigation, National Meteorological Service, Argentina, will spend two weeks with the National Meteorological Center (NMC) at Suitland, Md., Feb. 7 - 18. He will study modern methods of synoptic analysis as practiced at NMC and observe satellite applications in Center work.

SUMMER STOCK. ESSAites with children wanting summer employment take note that summer Post Office jobs this year will be filled by open competitive examinations to be held by the CSC for "seasonal assistant" covering jobs paying \$2.37 an hour. The minimum age is 18 years, but this may be waived for high school graduates who may be appointed after they reach their 16th birthdays. To apply for the exam get Form 5000AB from the post office, college placement office or any CSC office. Deadline for submitting applications for the exam is Feb. 24. Exams will be held in Washington for residents of Prince Georges and Montgomery Counties and in Baltimore for other Maryland counties.

PACIFIC IQSY PROJECT NEARS END. Coast and Geodetic Survey geophysicist Donald Campbell is making a last visit to Pacific stations (Koror, Majure, Midway, and Adak) as the field work of the Pacific Island International Quiet Sun Year (IQSY) project nears completion. Upon conclusion of field work, financed by the National Science Foundation, the stations will be dismantled and part of the special instrumentation will be loaned to the University of Alaska for special research use. Campbell will assist in the reduction and analysis of data collected during the past 20 months.

Material for ESSA NEWS should be sent to: Office of Public Information, ESSA, Room 1021, Bldg. 5, WCS, Rockville, Maryland. Phone: 301-496-8193.

National Oceanic and Atmospheric Administration

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