

ESSA

COAST & GEODETIC SURVEY

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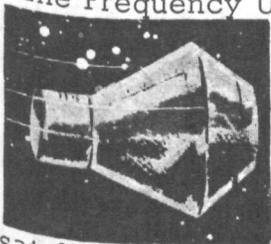
JUNE 3, 1966 JUN 1966

NEW SYSTEM FOR MINORITY GROUP STATISTICS

LIBRARY 1966

A new system has been authorized by the Civil Service Commission for collecting and maintaining information on minority group status of employees in Federal service. This system will furnish information that has not previously been available and assist in providing equal employment opportunities. Within the next few days all employees will receive a request for information needed to establish the system.

ITSA ASSISTS GEMINI 9 FLIGHT



The Frequency Utilization Section of the Institute for Telecommunication Sciences and Aeronomy (ITSA) is supplying predictions on communications frequencies to the National Aeronautics and Space Administration during the flight of Gemini 9. Donald L. Lucas and Rodney A. Hanson have made numerous ship-to-shore circuit predictions to assist positioning communication support ships and frequency selection between ships and shore-based stations. The ships serve as communication links with the satellite when it is out of range with land-based stations and relay information to shore stations. Monthly, ITSA routinely predicts the best frequencies to be used by NASA's more than 70 ground communication links. Another Boulder, Colo., laboratory, the Space Disturbance Forecast Center, is watching sun activity during the manned spaceflight to predict, if necessary, the possibility of solar flares.

ESSA SHUTTERBUGS WIN PRIZES

The following ESSAites won prizes in the 1966 Department of Commerce Welfare and Recreation Council Photographic Contest: Felix H. Dunbar, Administrative Services Division at ESSA's Boulder, Colo., laboratories, first and third prizes in color categories and an honorable mention in color; Edward R. Miller, Weather Bureau Airport Station at San Juan, Puerto Rico, second prize and two honorable mentions in black and white categories; Dr. J. Murray Mitchell Jr., Environmental Data Service, Silver Spring, Md., an honorable mention in color; and C. M. Benedict, Administrative Services Division at ESSA's Boulder laboratories, an honorable mention in color.

SUBJECT IS WET AND DRY

Jerome Namias, chief of the Weather Bureau's Extended Forecast Division, addressed the 86th annual conference of the American Waterworks Association, in Miami last week. Speaking on the nature and possible causes of fluctuations in United States climatic patterns over the past four years, Namias mentioned especially air-sea interactions which may have played an important role in maintaining the northeast drought and the abundance of precipitation over the far southwest and northern plains.

ESSA SCIENTISTS SPEAK

The 1966 Technique Development Conference, sponsored by the Air Weather Service, was held in Washington last week with the following ESSA scientists presenting papers: Dr. William Klein, Dr. Harry Glahn, Roger Allen, Dale Lowry, and Donald Gales, from the Weather Bureau's Techniques Development Laboratory; Dr. Frederick Shuman, Dr. John Stackpole, Lloyd Vanderman, Russell Younkin, and Edwin Fawcett, National Meteorological Center; and Dr. E. Paul McLain, Vincent Oliver, and Charles Bristor, from the National Environmental Satellite Center.

EDS DATA CENTER EXPANDS

The National Academy of Sciences' Geophysics Research Board has approved the consolidation of data centers at the Universities of Minnesota and Alaska into the Environmental Data Service Data Center at Boulder, Colo.

FAA TO GET NEW C&GS CHARTS

Coast and Geodetic Survey is planning the FY 1967 program for preparation of airport obstruction charts and turbine data sheets for the Federal Aviation Agency. New or revised charts will be made for 150 airports using photogrammetric techniques in three major phases -- aerial photography, field surveys, and compilation. Air photographs will be taken of the airports during summer and fall, and 12 mobile field parties in the United States (including Alaska and Hawaii) and Puerto Rico will provide supplemental field survey data. The charts and turbine data sheets will be completed by C&GS cartographers at Washington and the Atlantic Marine Center.

JAPANESE SCIENTISTS TOUR BOULDER

Eight members of the Japan Science Council visited ESSA's Boulder laboratories last month and were briefed on the missions of the Institutes for Environmental Research. Their host was Institute for Telecommunication Sciences and Aeronomy Deputy Director Jack W. Herbstreit.

NWRC WELCOMES NEW PERSONNEL

Thomas A. Modgling, chief of the Seismology Data Branch, is the new chief of the Technical Services Section at the National Weather Records Center (NWRC), Asheville, N.C. He will continue in both positions until a replacement is selected to head the Seismology Data Branch. Lieutenant (j.g.) Paul N. Hale is being transferred from the USC&GSS Explorer this month to NWRC.

NEW FIRE-WEATHER UNITS TO ROLL

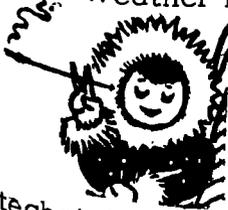
Two new fire-weather mobile units are being prepared for operation in Utah and Eastern Montana. Also they will give localized forecasting service if needed in the Black Hills, Eastern Wyoming, and Colorado. With the two additional units, there are now 20 mobile units, which are dispatched as required to key locations to forecast weather conditions for forest fire protection agencies, serving in the West.

USER AFFAIRS OFFICIALS A-GO-GO

Director of User Affairs Paul Kutschenreuter spoke on the proposed national Natural Disaster Warning System at a meeting of the Northern California Civil Defense and Disaster Organization last month at Sacramento, Calif. Also he participated in an Emergency Operations Symposium at the System Development Corporation in Santa Monica. Another member of the Office of User Affairs, Lynn L. Means, is participating in an AID study in Brazil, where he will spend six weeks in several cities discussing applications and benefits of the World Weather Watch to less developed countries.

FREEZE ON ICE ISLAND CREW

The Weather Bureau, under the sponsorship of the Office of Naval Research, is resuming meteorological observations on the floating Arctic Ice Island T-3 early this month. The initial crew, serving on a six-month detail, represents a WB cross-section: John D. Armstrong, Southern Region, technician-in-charge; John Harrington, Central Region, electronic technician; Edward Ceche, Western Region, and Richard Lowery, Eastern Region, both meteorological technicians. Karl Staack, electronic technician in the Alaska Region, is assisting in the station's establishment. See ESSA News #17, May 6.



C&GS FIELD DIRECTORS MEET

Coast and Geodetic Survey Field Directors from Hawaii and Alaska met last month at ESSA headquarters to discuss measures for improving the Seismic Sea Wave Warning System and to plan the establishment of the International Tsunami Information Center at Honolulu.

NEW MIC NAMED

Glenn H. Trapp has been appointed Meteorologist in Charge (MIC) of the Weather Bureau Airport Station (WBAS) at Rochester, Minn. Stationed at WBAS Lansing, Mich., for the past six years, Trapp is expected to assume his new position next week. He joined the WB in 1958 at Detroit and a year later was transferred to Lansing. He has attended the weather observer school at Chanute Air Force Base, Lansing Community College, and the University of St. Thomas.

PATHFINDER BOATSWAIN REEFS HIS SAILS

Frederik L. Larsen retired on May 30, completing 27 years of service in the Coast and Geodetic Survey and 18 years as chief boatswain of the USC&GSS Pathfinder. Born in Denmark, he joined the C&GS in 1924 and also served in the Navy during World War II. The Department of Commerce has awarded him several meritorious service ribbons for his outstanding work.

LOWDOWN ON HIGH PHOTOS UPCOMING

ESSA has signed a contract for a satellite photograph study by the Stanford Research Institute in California. Expected to complete the project by December, the Institute will establish the relationship between satellite-observed cloud patterns and circulation systems over the Eastern Pacific Ocean.

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RADAR SEMINAR SCANS BROAD SCOPE

The Weather Bureau Western Region will conduct a three-day radar training seminar at the WB Office in Sacramento, Calif., next week. The seminar will provide instruction in radar theory, especially radar equation and calibration techniques, and a forum on radar hydrology. Those attending include radar meteorologists and hydrologists from the Western Region. Ken Wilk of the National Severe Storms Laboratory, Norman, Okla., will be guest lecturer and instructor.

GEOPHYSICIST STUDIES WITH UNIVERSITY GROUP

Jim O'Donnell, a Coast and Geodetic Survey geophysicist, has been assigned to work for two months with a group at the University of California at Berkeley to become familiar with methods of analyzing magnetotelluric data. He will analyze data collected at the Fredericksburg (Va.) Geomagnetic Center. Magnetotelluric data can be used to determine electrical resistivity in the earth's crust and upper mantle.

ESSA SHOWS READING EXHIBIT

ESSA has a combined aviation weather-aeronautical chart exhibit at the Reading Air Show, Reading (Pa.) Municipal Airport, June 2 to 4. The educational exhibit is designed to acquaint the public with ESSA's functions and more specifically with the many available ESSA aviation information services.

AUDITORS' PAY RAISE IN THE BOOKS

The Civil Service Commission has announced increased minimum salaries for accountants and auditors in series GS-510, effective June 1:

	<u>Old</u> <u>Starting Salary</u>	<u>New</u> <u>Starting Salary</u>
GS - 5	\$5,181	\$6,036
GS - 7	6,269	6,890
GS - 9	7,479	7,733

PUERTO RICAN STUDENTS TO VISIT C&GS

Some 30 graduate engineering students from the University of Puerto Rico will visit the Coast and Geodetic Survey Friday, June 10. The students are especially interested in map and chart production and will tour the Reproduction and Distribution Divisions. ESSA International Training Officer Francis J. Ortiz and C&GS Reproduction Division Chief C. W. Lane Jr. will speak to the group.

NEW SIGMA XI MEMBER

Bernard D. Zetler, Acting Director of the Physical Oceanography Laboratory Institute for Oceanography, was initiated into the society of Sigma Xi, District of Columbia chapter, last month. After his initiation, he spoke to the chapter on tidal research.

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 1021, Bldg. 5, WSC, Rockville, Md. 20852. Phone (301) 496-8193.

National Oceanic and Atmospheric Administration

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