



13

VOLUME 2 NUMBER 12 APRIL 8, 1966

ESSA 1 AND 2 GETTING WORKOUT

Both ESSA satellites are operating normally and APT pictures of good to excellent quality are being received worldwide. Nairobi, Kenya, reported receiving ESSA automatic picture transmission (APT) photographs, bringing to 70 the worldwide total of APT stations. During one recent week, 17 advisories on three tropical vortices, tracked by ESSA 1 in the south Indian Ocean, were sent to Australia, Mauritius, Malagasy, and India. The United States Ambassador in Malagasy sent a special airgram to the Department of State commenting on the dramatic impact of ESSA 2 photographs showing a 500-mile-wide cyclone headed directly for Madagascar. The island received only a glancing blow by the storm a few days later, but the country's highest officials expressed appreciation for ESSA storm warnings.

LBJ EXTENDS VETERANS PREFERENCE

President Johnson recently approved an amendment to the Veterans Preference Act of 1944, which extends continued Civil Service benefits to honorably separated ex-servicemen and women with more than 180 consecutive days of active duty in the Armed Forces since Jan. 3, 1955. Service during an initial period of active duty for training under the "six month" Reserve and National Guard program is not included in the Act.

ESSA CORPS ON REVIEW

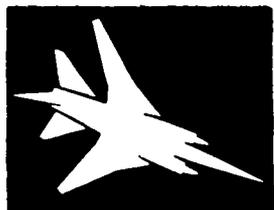
Members of the special advisory committee on ESSA's (C&GS) Commissioned Officer Corps met for the first time recently in Washington. The committee is reviewing the commissioned corps' function within ESSA, the training and educational needs of the corps, career planning for ESSA officers, and ways in which commissioned and civil service groups can complement each other. Chairman of the committee is Dr. James H. Wakelin Jr., formerly Assistant Secretary of the Navy for Research and Development, and now president of the Scientific Engineering Institute, Waltham, Mass. Other members are Dr. Lloyd V. Berkner, Director of the Southwest Center for Advanced Studies; Lt. General Thomas S. Moorman, superintendent of the Air Force Academy; Dr. Richard S. Morse, formerly Assistant Secretary of the Army and now with Massachusetts Institute of Technology; and Dr. Luther L. Terry, formerly Surgeon General of the U.S. Public Health Service and now vice president for medical affairs, University of Pennsylvania. ESSA Deputy Administrator, Vice Admiral H. Arnold Karo, is the committee's executive secretary.

ASCM BRIEFED ON GEODETIC CONTROL

The recent convention of the American Congress on Surveying and Mapping (ASCM) in Washington, D. C., featured a Geodetic Control Users Symposium. During the three-session program, problems were discussed and information and ideas developed for planning future extension of geodetic control.

AIRCRAFT TO PROBE THUNDERHEADS

The National Severe Storms Laboratory (Norman, Okla.) of the Institute for Atmospheric Sciences is conducting its spring data-gathering program beginning this month. ESSA scientists are especially interested in measuring thunderstorms to determine shapes of associated air circulations and to define the content and distribution of energy and water of selected thunderstorm situations. Scheduled to last until June 15, the program is directed by NSSL with assistance from the Air Force, Army, and university and industrial scientists. Instrumented balloons are being released in the Oklahoma plains and new radar devices are being tested for storm detection capability. Seven aircraft are participating in the program: an F-100 and F-106 to collect turbulence data in and above storms; two DC-6 aircraft to take meteorological measurements; a U-2 reconnaissance aircraft and an RB-57F to get cloud photos and temperature and turbulence measurements above cloud tops; and a Piper Aztec to measure weather elements around the clouds. Officials from the Royal Aircraft Establishment and British Meteorological Service are assisting NSSL in some program aspects.



WESTERN CLIMATOLOGISTS TO MEET

A conference for Weather Bureau Western Regional State Climatologists which will emphasize climatologists' technical work, will be held next week, April 13-14, at regional headquarters in Salt Lake City. The Environmental Data Service Director of Field Services, Harold B. Harshbarger, will attend the meeting.

ESSA/FAA GANG-UP ON TURBULENCE

The TIROS Mountain Turbulence Project ended March 1. The project was a joint effort of the Federal Aviation Agency (FAA) and the WB in collecting pilot reports of turbulence in suspected Appalachian Mountain areas. On the four collection days, Jan. 7 and 24, Feb. 14 and March 1, 300 individual pilot reports were received and sent to the National Environmental Satellite Center (NESC), Suitland, Md. FAA's Eastern Region's Flight Service Stations and Air Route Traffic Control Centers did an outstanding job of collecting reports and assisting ESSA in the experiment. Data analysis is being made by the Applications Branch of NESC.

ROCK MECHANICS TO BE SUBJECT OF TALK

The Institute for Earth Sciences will present a lecture by Dr. A. Roberts, Director, Postgraduate School of Mining, University of Sheffield, Sheffield, England, at the Washington Science Center, Building 5, Rm. 922, April 12 at 2:00 p.m. Topic: "Rock Mechanics as Related to Earthquake Prediction."

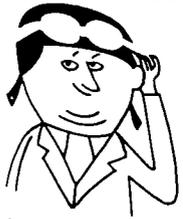
ESSA 2 AIDS DEMONSTRATIONS

Two National Environmental Satellite Center employees -- E. Paul McClain and Vincent J. Oliver presented papers on uses of satellite data at the Conference on Modern Methods of Weather Forecasting and Analysis at Chicago recently. Also demonstrated was the use of automatic picture transmission data for forecasting, employing information newly received from ESSA 2 at the Chicago Weather Bureau office.

ITSA SCIENTISTS TOPS

Eleven scientists at the Institute for Telecommunication Sciences and Aeronomy (ITSA), Boulder, Colo., have been honored for authorship of outstanding scientific publications. Dr. Kenneth Davies of the Space Disturbances Laboratory received his award for a definitive textbook, Ionospheric Radio Propagation. The following were recognized for scientific papers: D. K. Bailey, Space Disturbances Laboratory; Dr. Eldon E. Ferguson, Dr. Fred C. Fehsenfeld, Dr. Harold I. Schiff, Dr. Arthur L. Schmeltekopf, David B. Duncan, and Dr. Wynne Calvert, Aeronomy Laboratory; Bradford R. Bean, Tropospheric Telecommunications Laboratory; and Leslie A. Berry and J. Ralph Johler, Ionospheric Telecommunications Laboratory.

PILOTS SHOULD BE WEATHER-WISE



ESSA Director of Aviation Affairs Newton A. Lieurance spoke on "Weather Sense" at the 11th annual Business Aircraft Safety Seminar in Miami, Fla., this week. He stressed the need for pilot training in weather matters and suggested that experienced pilots assist newcomers in the education process. The seminar was sponsored by the Flight Safety Foundation.

EML SCIENTISTS TO SPEAK

Dr. Don Tocher and Dr. Dean S. Carder of the Earthquake Mechanism Laboratory (EML), Institutes for Environmental Research, in San Francisco are presenting papers at the national meeting of the Seismological Society of America held this week in Reno, Nev. Dr. Tocher will speak on "Fault Creep in San Benito County, California" and Dr. Carder on "Core Reflections from Artificial and Natural Sources."

STL 3508 078/42/26-2340/976

The familiar yellow card, popular with pilots for interpreting coded weather, has recently been revised by the Weather Bureau's Aviation Section. This 5 by 8½ inch card has on one side a "Key to Aviation Weather Reports" and on the other a "Key to Aviation Weather Forecasts." It is being reprinted for the fifth time since its introduction in 1956 and should be available early May. Distribution to flyers will be made by Weather Bureau Airport Stations, State Aviation Liaison Officials, state governments and national pilot organizations. C&GS is assisting by printing copies of the card in their aeronautical charts catalog.

PATHFINDER SKIPPER GETS NEW JOB

Captain Lorin F. Woodcock was appointed as chief of the Photogrammetry Division at the C&GS headquarters last Monday. Before being named for the new assignment, he was commanding officer of the C&GS ship Pathfinder. A veteran of 25 years' service with the Survey, Captain Woodcock's various field assignments have taken him to nearly every section of the United States; he has sailed aboard six of the C&GS's ships from Alaskan waters to New Zealand and along most of the U.S. East Coast. In 1964 Captain Woodcock received a master's degree in geodetic and photogrammetric engineering from Cornell University.



'ALL FOR ONE, ONE FOR ALL...'

The sudden appearance of a C&GS aerial mapping team that needed office space at the Wichita Falls (Tex.) Weather Bureau Airport Station didn't faze MIC Leroy Stankewitz. ESSAite host Stankewitz provided the necessary office and desk space and in short order had a combined ESSA office at his station --teamwork such as this is commendable.

ALBUQUERQUE FORECASTER DIES

E. LaMarr Eaton, Aviation Forecaster, WBAS Albuquerque (N.M.), died March 27 in an Albuquerque hospital. Eaton had been with the Weather Bureau since 1941 and was transferred from El Paso, Tex., to Albuquerque in 1963.

ITSA AND WB TEAM-UP

H. H. Bedke, Director of the Weather Bureau's Western Region, has cited the effectiveness of ESSA's combined resources. Dr. C. Gordon Little, Director of the Institute for Telecommunication Sciences and Aeronomy, and his staff have been assisting Weather Bureau components in the Western Region with problems in radar propagation, microwaving, and radar setting. Bedke reports that with ITSA's assistance significant progress is being made in solving problems caused by mountainous terrain.

EDS GROUP EYES DROUGHT

Dr. Gerald Barger, Dr. Murray Mitchell and Wayne Palmer of the Environmental Data Service and ESSA State Climatologist for Texas, Robert Orton, conferred on meteorological drought analysis yesterday and today at Austin, Tex. Sponsored by the Atmospheric Science Group, College of Engineering, University of Texas, the workshop was concerned with possible relationships between drought and large-scale circulation features. Countrywide representation included some 20 meteorologists, hydrologists, engineers and data analysts.

JOBS OPEN IN BRAZIL/TURKEY

Employees experienced in tropical meteorology, meteorological service administration and management, and who are fluent in Portuguese or Spanish are urged to apply as Project Manager of the Special Fund Project of Meteorological Services Development in Northeast Brazil. Salary: \$14,800 a year plus allowances. See WB announcement WMO-SF/1 Rev.1 for details. Employees having agricultural meteorological experience may consider applying as Agricultural Meteorologist in Turkey. Salary: \$10,400 a year plus allowances. For details see WB announcement #TUR/WMO/9 Rev.1.

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 20852 Md. Phone (301) 496-8193.

National Oceanic and Atmospheric Administration

ERRATA NOTICE

One or more conditions of the original document may affect the quality of the image, such as:

Discolored pages

Faded or light ink

Binding intrudes into the text

This has been a co-operative project between the NOAA Central Library and the Climate Database Modernization Program, National Climate Data Center (NCDC). To view the original document, please contact the NOAA Central Library in Silver Spring, MD at (301) 713-2607 x124 or Library.Reference@noaa.gov

HOV Services
Imaging Contractor
12200 Kiln Court
Beltsville, MD 20704-1387
July 23, 2010