

C542

ESSA
NEWS

VOLUME 2 NUMBER 34

SEPT. 2, 1966

SCIENTISTS PONDER AIRGLOW

The Institute for Telecommunication Sciences and Aeronomy (ITSA), Boulder, Colo., is co-sponsor of one of the most important conferences in a decade on aurora and airglow now under way at the University of Keele in Staffordshire, England. ITSA scientists believe that a full understanding of the two phenomena may lead to important theoretical advances in the environmental sciences, as well as to new defense systems. Other sponsors of the conference are the North Atlantic Treaty Organization, the Air Force Cambridge Research Laboratories, the Army Research Office, the Defense Atomic Support Agency, Lockheed Missiles and Space Company, Los Alamos Scientific Laboratory, and the Office of Naval Research. Those scientists representing ITSA are: Dr. F. E. Roach, Acting Director of the Aeronomy Laboratory; Dr. Michael Gadsden, chief of the Optical Aeronomy program area; Vern L. Peterson; LeRoi L. Smith, and Edward Marovich.

WB GETS LIASON OFFICIAL

A private weather consultant from Kansas City, Mo., Robert G. Beebe, has been appointed as Special Assistant for Industrial Meteorology in the Weather Bureau. Beebe will provide liaison between the Weather Bureau and the Nation's growing number of private meteorologists.

SOMETHING NEW UNDER THE SUN

Scientists from the Institutes for Environmental Research (IER), Boulder, Colo., joined researchers from around the world at the Inter-Union Symposium on Solar-Terrestrial Physics in Belgrade, Yugoslavia, from Aug. 29 through Sept. 2. Many of the papers presented data gathered by satellite and other means during the 1964-1965 International Years of the Quiet Sun (IQSY). Scientists from more than 60 countries collected data on the interrelated phenomena of sun, space, and earth during the IQSY, a successor to the International Geophysical Year of 1957-1958. The largest group of IER scientists who attended the meeting was from the Space Disturbances Laboratory of the Institute for Telecommunication Sciences and Aeronomy. Five of the six papers presented described the effects of particles that stream out of the sun to the earth or are caused to be precipitated into the atmosphere by the indirect effects of increased solar radiation. The Space Disturbances Laboratory is attempting to develop theories explaining the interaction of these particles with the earth's magnetic field and upper atmosphere. They also issue predictions that warn when solar radiation threatens manned space flights and other space activities.



NESC GETS NEW DIRECTOR OF OPERATIONS

Dr. Clifford A. Spohn was appointed this week as Director of Operations of the National Environmental Satellite Center (NESC). The announcement was made by David S. Johnson, Director of NESC. Dr. Spohn succeeds Arthur W. Johnson who has been made Deputy Director of the Center. After 24 years' active duty with the U. S. Air Force, Dr. Spohn retired at the rank of colonel. His last assignment was as Commander of the 6th Weather Wing at Andrews Air Force Base, Camp Springs, Md., where he served as staff meteorologist to the Commander of the Air Force Systems Command, Office of Aerospace Research. Dr. Spohn is a councilor of the American Meteorological Society and a member of its Committee on Forecasting. He has been a professional member of the Society since 1945.

PRINTING CONSOLIDATION SAVES DOLLARS

Production of the daily weather map was adapted to "in-house" two-color printing capability last week in lieu of overprinting base maps printed by the Government Printing Office. This is a significant step toward instituting the operating economy and efficiency anticipated from the consolidation of ESSA's printing responsibility within the Coast and Geodetic Survey's reproduction facility.

SE CO-OP TO DOUSE FIRES

Harry L. Swift, National Fire-Weather Coordinator, attended the annual meeting of the Southeastern States Forest Fire Compact Commission held in Columbia, S. C., Aug. 30-Sept. 1. Swift informed the Commission of the latest revisions of the Nationwide Plan for Fire-Weather Service. The Commission is a 10-state organization of forestry officials from Alabama, Florida, Georgia, Kentucky, Mississippi, North and South Carolina, Tennessee, Virginia, and West Virginia, designed to study common problems of fire-suppression and forest management. The state groups also aid one another in the control of large forest fires.

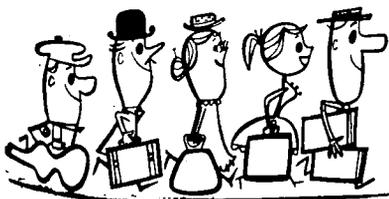
21ST CLASS GRADUATES 31

Thirty-one college graduates trained in ESSA's scientific disciplines received their diplomas Sept. 2 at graduation ceremonies in Norfolk, Va. Dr. Jacques S. Zaneveld, Director of the Institute of Oceanography at Dominion College, delivered the principal address to ESSA's 21st class. Following ceremonies, 29 graduates received commissions as ensigns -- two had been commissioned earlier this year. The graduates, most of whom hold engineering degrees, began intensive training 13 weeks ago at the Marine Center. Over the three-month period each man received instruction in the work done by ESSA in tides, currents, geodesy, oceanography, photogrammetry, seismology, cartography, meteorology, and aeronomy, and acquired a better understanding of ESSA's responsibilities and objectives and the scope of its varied operations.

ALASKAN 'QUAKE FILLS THREE VOLUMES

Publication of the first volume of a three-book series on the Alaskan earthquake of 1964 was announced Aug. 22. The 263-page, illustrated volume summarizes in detail the activities of the Coast and Geodetic Survey in Alaska in 1964 following the March 27 earthquake. It is titled "The Prince William Sound, Alaska, Earthquake of 1964 and Aftershocks." Volume II and III, scheduled for publication next year, will contain detailed discussions and evaluations of the scientific results of all investigations made of the earthquake in the fields of seismology, marine geology, geodesy, and photogrammetry. The Alaskan earthquake was the strongest ever recorded on the North American continent. More than 100 lives were lost and it caused an estimated \$300 million in damages.

TRIANGULATION PARTY ON THE MOVE



Triangulation observations were completed in the vicinity of the earthquake fault area of Cholame, Calif., and the party moved to McCall, Idaho, to start area triangulation there. Three field units were inspected by Captain J. O. Phillips, chief of the Geodesy Division who also attended the Earthquake Prediction Seminar at Boulder, Colo.

SUITLAND AND OFFENBACH MAY BE LINKED

John C. Straiton, chief of the Weather Bureau's Communications Division, and Santoro R. Barbagallo, chief of the Communications Standards and Procedures Branch, departed for Germany to confer one week with representatives of the German, French, and British meteorological services on the proposed establishment of a high-speed data and facsimile link between Offenbach, Germany, and the National Meteorological Center, Suitland, Md.

WB TO ASSIST NEW YORK TEST AIRLIFT

The Weather Bureau's Eastern Region will provide weather support for a large-scale emergency airlift exercise designed to give air support to New York City in the event of a transit emergency. Sponsored by the Aviation Development Council, the Nov. 5-6 demonstration will feature helicopters and V/STOL (Vertical and Short Take-Off and Landing) aircraft.

TWO LEAVE FOR JICAMARCA

Two scientists from the Institutes for Environmental Research (IER) will begin a year's tour of duty at IER's Jicamarca Observatory near Lima, Peru. Dr. Thomas E. VanZandt will arrive at the observatory early in November and Vern L. Peterson is scheduled to arrive early in September. Both researchers are attached to the Institute for Telecommunication Sciences and Aeronomy and will participate in the observatory's space radar work. The Jicamarca installation involves a super-powered transmitter-receiver for radar space exploration which employs a million square foot antenna.

HEALTH BENEFITS OPEN SEASON UPCOMING



An open season in the Federal Employees Health Benefits program has been scheduled for the period November 14-30. During the open season eligible employees who are not enrolled under the program will be permitted to enroll, and both annuitants and employees who are covered under a participating health benefits plan will be able to change from one plan, option, or type of coverage (self-only or family) to another. Changes made during the open season will be effective beginning with the first full pay period in January 1967. Annuitants will be able to participate in this open season in order to give those enrolled in Medicare an opportunity to coordinate better their protection under the program with their Medicare coverage. All contract negotiations with health plan carriers regarding changes in premiums or benefits of the plans will be concluded prior to the open season. As in past seasons, any changes will be made known to employees and annuitants through press announcements and the official brochures of the participating plans which will be made available through employing agencies. This information will be issued in late October before the open season begins in November. The Federal Employees Health Benefits program covers about 6.8 million employees, retirees, and their dependents. It is the largest employer-sponsored voluntary contributory health benefits program in the world.

TWO FROM UAR TRAIN AT ESSA

Training with ESSA, under a World Meteorological Organization fellowship, are Abdel Azim Saad Hamad and Abdel Moniem Abdel Hamid Omara of the United Arab Republic. The two visiting scientists are specialists in agricultural meteorology and were briefed on EDS services in agriculture, drought research, and heat/water balance studies.

USE OF APT SHOWN

A series of lectures and demonstrations of the operational use of APT pictures were given to meteorologists of the Weather Bureau's Western Region at San Francisco's WBAS. V. J. Oliver, chief of the National Environmental Satellite Center's Applications Branch, made the presentation.

BOISE WBAS TO GET NEW QUARTERS

The Weather Bureau Air Station has been listed as a prospective tenant of a new Interagency Fire-Control Center at Boise (Idaho) Municipal Airport to be built by the U.S. Forest Service and the Bureau of Land Management. This arrangement will permit better coordination between fire-control agencies and produce a more efficient program for all concerned. Completion of the center is scheduled for the summer of 1968.

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 804, Bldg. 5, WSC, Rockville, Md. 20852. Phone (301) 496-8431.

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