

COAST & GEODETIC SURVEY

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A MESSAGE FROM THE ADMINISTRATOR

It is the nature of our Federal system that each agency, bureau, division, and employee of the National Government exists as a reflection of a Nation's need. The quality of this reflection is measured by the quality of service offered to the public by the Federal Government.

The President of the United States, in a memorandum of November 1, 1965, to heads of agencies, expressed his deep and continuing concern that every Government agency and official assure every American the fast, efficient, and courteous service which is part of the Federal concept, and that each agency follow every avenue which leads to an improvement in the quality of Government service. The President placed chairman John W. Macy Jr., of the Civil Service Commission, in charge of a coordinated, Government-wide program designed to achieve these improvements, and to make the Government more accessible to the people it exists to serve.

The President's Program to Improve Quality of Service to the Public has received strong support from Secretary Connor. Procedures for planning and reporting actions have been set forth in Departmental Administrative Order 211-2. Preliminary assessment of ways in which the Program may be brought to the attention of all employees has been completed, and a preliminary report and first progress report have been made to chairman Macy. It remains for agencies like ESSA and its line components to examine the utility and conduct of their services, and to improve the quality of service wherever possible.

We in ESSA are particularly affected by the President's Program, for in no other Federal agency is public service more integral to the successful conduct of a broad and complex mission. Conversely, few agencies are more dependent upon public good will and participation than ESSA. The success of our agency is based upon a constant and efficient flow of information and service between ESSA and the general public. As a prominent agency within the Department of Commerce, and as a major public-service agency of the Federal Government, ESSA has undertaken to inform all employees of the importance of the President's Program, and to enlist the personal interest and aid of each employee in the improvement of existing services, the invention of new ones, and the delivery of all services in the most helpful, useful, and courteous manner.

Quality of service is a tradition of our new agency, an extension of the more mature traditions of ESSA's line components. It is in the spirit of these traditions, new and old, that I ask every ESSA employee to identify and report ways in which our quality of service can be improved, and to demonstrate in every public contact the high quality of ESSA's public service.

CYCLONE EXPERTS TO MEET IN TOKYO

Dr. Cecil Gentry, Director of the National Hurricane Research Laboratory at Miami, will represent ESSA at a United States-Japan Cooperative Science Program Panel VII meeting on tropical cyclones next week, June 20 to 22, in Tokyo. Dr. F. W. Reichelderfer, former Weather Bureau Chief for almost 25 years, is chairman of U.S. Panel VII.

LOWDOWN ON RECORD LOW

A new record low air temperature for a United States station in Antarctica was recorded at Plateau Station on June 11. Minus 115.1 degrees Fahrenheit is the lowest ever reported from any United States-operated meteorological station. The previous low recorded at the South Pole by the United States was minus 113.2 degrees Fahrenheit last year. The lowest temperature ever recorded was minus 126.9 degrees Fahrenheit at the Soviet Vostok Station, Antarctica, on August 24, 1960.

STRONG-MOTION SEISMOGRAPHS EYED

Charles F. Knudson, geophysicist in the Seismological Field Survey, San Francisco, has returned from a six-week trip to inspect strong-motion seismographs in 10 Central and South American countries. Coast and Geodetic Survey strong-motion seismographs have been installed in eight countries since 1946. Chile, Costa Rica, El Salvador, and Mexico are now installing additional strong-motion seismographs; Peru, Colombia, Venezuela, and Guatemala plan further future instrumentation.

HOT OFF THE PRESS

A new ESSA publication, "Tornadoes", has just been published as part of ESSA's continuing effort to protect the public from natural disasters. Profusely illustrated, the new 16-page brochure describes tornadoes, where and when they occur, their destructive effects, and tells what to do when they threaten. The work of the Weather Bureau's National Severe Storms Forecast Center at Kansas City, Mo., also is explained. The brochure is sold for 20¢ by the U.S. Superintendent of Documents in Washington. ESSA offices may obtain copies from the Publications Distribution Section at the old Weather Bureau office, 24th & M Streets, N.W., Washington, D.C.

DUNN AWARDED HONORARY DEGREE

 Gordon E. Dunn, Director of the National Hurricane Center at Miami, received an honorary Doctor of Science degree from the University of Miami this week. The citation commended his outstanding service: "During his 11-year tenure at Miami, he has provided technical and professional leadership of the highest quality to the staff charged with the major hurricane forecasting responsibility of the United States Weather Bureau. He has served frequently during these years as consultant to the government weather bureaus of foreign countries including many Latin American Meteorological Services. His efforts have contributed greatly to better international cooperation and improved domestic weather service in the countries in which he has served..."

SENIOR RESEARCH FELLOW APPOINTED

Dr. John S. Rinehart has been named Senior Research Fellow for the Institutes for Environmental Research (IER) at Boulder, Colo. He will conduct independent research and act as earth sciences consultant to IER. Most recently, Dr. Rinehart was Acting Director of Science and Engineering at ESSA headquarters in Rockville, Md., and before that was Assistant Director for Research and Development, Coast and Geodetic Survey.

ESSA's OPEN DOOR POLICY

ESSA officials continue to plan open house activities to celebrate ESSA's first anniversary July 13. Among the functions presently scheduled are an open house at the Coast and Geodetic office in Kansas City, Mo., where visitors will see an exhibit and an instrument display; an open house for federal employees at the C&GS New York City office, in cooperation with the New York Weather Bureau office; and a tour of the Albuquerque, N.M., Seismological Center for community business and civic leaders. The new USC&GSS Oceanographer will be commissioned at Washington on July 13 and on succeeding days the ship will be open for tours by ESSA personnel and also by the public. Additional plans and details will be announced in following issues of ESSA NEWS.

'...AND SOME LIKE IT COLD'



The Weather Bureau needs meteorologists, meteorological technicians, electronic technicians, mechanics and cooks for duty in the Canadian Arctic and on the Antarctic continent.

Interested persons should contact the WB's Overseas Operations Division at the new Silver Spring, Md., office.

FALLOUT/AIR POLLUTION DISCUSSED

Dr. Lester Machta, Director of the Air Resources Laboratory and Acting Director of the Institute for Atmospheric Sciences, attended the 16th session of the United Nations Scientific Committee on the Effects of Atomic Radiation, June 6-17 in New York City. Dr. Machta participated as an observer for the World Meteorological Organization. Points considered at the meeting included updating of nuclear test fallout and the problem of excess oceanic over land fallout. Earlier this month, Dr. Machta was joined by Robert A. McCormick, Meteorologist-in-Charge of the Air Resources Field Research Office, Cincinnati, to attend a two-day conference in Washington with other Government scientists and their counterparts from Japan as part of the United States-Japan exchange in air pollution.

ITSA AND WB TEAM-UP

R. S. Kirby, Director of the Tropospheric Telecommunications Laboratory, Institute for Telecommunication Sciences and Aeronomy, accompanied by H.V. Cottony, A.P. Barsis, and B.D. Warner, all of ITSA, visited the Weather Bureau's Western Region headquarters at Salt Lake City, Utah, last month to discuss radar and microwaving problems. Special problems, such as local climatic regimes, require a thorough investigation before the reliability of microwave can be determined.

FOREIGN SCIENTISTS VISIT NESC

Scientists from Laos and Australia visited the National Environmental Satellite Center last month for briefings on satellite data uses. Khamtanh Khanhali, director of the meteorological service of Laos, also was interested in the use of Automatic Picture Transmission (APT) for analysis and storm detection. Dr. William Priestly, director of Australia's Commonwealth Scientific and Industrial Research Organization, discussed future plans for operational satellite systems.

WILD, WILD WOMAN

ESSA satellites 1 and 2 photographed Hurricane Alma every day since June 4 during her journey through the Caribbean area, over parts of Florida and Georgia, and up the Eastern Coast. Alma reached hurricane intensity on June 6 and was diminished to tropical storm status after swirling into Florida, near Apalachicola, on June 10. Satellite photographs prior to June 4 showed the storm in tropical depression and tropical storm stages.

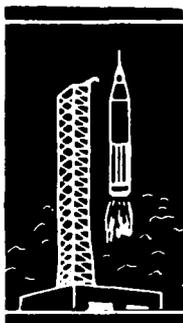
NEW TIDAL CURRENT TABLES AVAILABLE

Coast and Geodetic Survey has published new tidal current tables of Block Island and Fishers Island Sounds and northeastern Long Island Sound, making the new data available in time for summer use by recreational boaters. Based on the most extensive survey in 36 years of the New York-Connecticut-Rhode Island area, the new tables are incorporated in a pamphlet issued as a supplement to the 1966 Tidal Current Tables for the Atlantic Coast of North America (published in October 1965). The survey, made last year, was conducted by USC&GSS Marmer and aerial photographic teams as part of a three-year survey which will be completed in 1967. For free copies, write to the Coast and Geodetic Survey at 602 Federal Office Building, 90 Church Street, New York City 10007, or at the Washington Science Center, Rockville, Md.

EASTERN REIGON HOLDS FORECASTERS SEMINAR

The Weather Bureau's Eastern Regional headquarters office in New York City last week held a forecasters' seminar to discuss latest meteorological techniques and developments. Attended by 24 WB field representatives, the seminar included guest lecturers Dr. William Klein, Director of WB Techniques Development Laboratory, and Matthew Kulawiec of the WB Technical Procedures Branch.

UCLA TO STUDY SATELLITE PHOTOS



The National Environmental Satellite Center has signed a contract with the University of California at Los Angeles for investigation of certain mesoscale convective patterns usually detectable only in satellite observations. The university will determine the most prevalent horizontal scale of convection and the associated ratio between areas of ascending and descending currents, leading to improved understanding of mesoscale dynamics and hopefully to improved circulation models.

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. 1, WSC, Rockville, Md. 20852. Phone (301) 496-8193.

National Oceanic and Atmospheric Administration

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