

VOLUME 3

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### A MESSAGE FROM THE ADMINISTRATOR

The response of ESSA employees to our EPISERVICE program -- ESSA's Program for Improvement of SERVICE to the public -- has been most gratifying. Since EPISERVICE began a year ago as part of the President's Program to Improve Quality of Service to the Public, all elements and echelons of ESSA have given serious and continued attention to improving public service.

ESSA exists to provide scientific services. We must always be alert to opportunities for serving the public's needs quickly, conveniently, and pleasantly. Each individual contact -- by telephone, by letter, or in person -- presents such an opportunity. We have an obligation to be courteous, to avoid confusing referrals, to improve our correspondence in both content and speed of handling, to give careful and competent attention to the problems of all those who deal with ESSA.

EPISERVICE has my wholehearted support, because it is the only proper way of doing business with the public. The evidence of the past year indicates that EPISERVICE is strongly supported and applied by every ESSA unit.

*Robert M. White*

### U.S., AUSTRALIA TO STUDY CONTINENTAL DRIFT



Dr. Robert S. Dietz, Institute for Oceanography, will head a cooperative U.S.-Australian survey of the submerged continental slopes off western and southern Australia. The study will seek to determine whether Australia was once joined in a single continent with Antarctica and possibly India. The Australian survey, part of the USC&GSS OCEANOGRAPHER's global scientific expedition, will begin after the ship leaves Penang, Malaysia, about Aug. 8. Scientific data will be gathered as the ship travels from the Northwest Cape around the southwest tip of Australia, and across the Great

Australian Bight to Sydney.

### **JOINT-USE COMPUTER SELECTED FOR ASHEVILLE**

Selection of an RCA Spectra 70/45 computer system for installation at Asheville, N.C., was announced by ESSA on June 14. The computer will be shared by ESSA's National Weather Records Center and the Air Force Environmental Technical Applications Center's Data Processing Division. Chosen through competitive procedures, the third-generation computer system will meet the needs of both agencies and provide room for expansion as data flow increases in future years. A Joint Management Activity has been established at Asheville, with local managers of both agencies responsible for operation of the joint-use facility. Agreement on the joint computer facility had been reached earlier under the guidance of the Office of the Federal Coordinator for Meteorological Service and Supporting Research.

### **TEAM SURVEYS AVIATION WEATHER SERVICES**

A team of six specialists from ESSA, the Federal Aviation Administration, and aviation industry organizations visited airports in 27 cities this week, to evaluate weather services to general aviation. ESSA representatives on the team were Stanley J. Lacy (team leader), Cdr. James Randall, and George Yount.

### **FIVE ESSA MEN HONORED BY AGU**

Five ESSA scientists recently were elected Fellows of the American Geophysical Union. ESSA's new AGU Fellows are Dr. George Benton, IER Director; Dr. Woodrow C. Jacobs, EDS Director; Max Kohler, Chief Hydrologist, WB Office of Hydrology; James H. Nelson, Chief, C&GS Geomagnetism Division; and Donald A. Rice, Chief of the Gravity and Astronomy Branch, C&GS Geodesy Division.

### **CAPTAIN HICKS DIES**

Captain Edgar F. Hicks, Jr., who retired in March 1966 as Director of Executive and Technical Services, C&GS, died Sunday, June 11. At the time of his death, Capt. Hicks was serving as engineer to the International Boundary Commission.

### **QUAKE SEMINAR HELD IN SAN FRANCISCO**

James M. Klaasse, Associate Director of C&GS for Seismology and Geomagnetism, Leonard M. Murphy, chief of the Seismology Division, and Capt. Lorin F. Woodcock, Associate Director of C&GS for Geodesy and Photogrammetry, are attending an earthquake seminar in San Francisco. The meeting is being held under the auspices of the Office of Emergency Planning, Region 7, to discuss the state of readiness of Government, State, and local organizations.



Governor H. Rex Lee of American Samoa administered the oath of office to the eight trainees. In the first row are: Herbert T. Hirata, instructor; Leroyd Acosta, Seine Multi-tauapele, Governor Lee, Mary Ross, Aitofele Sagapolutele. Second row: Bill Johnson, PRH; Sipili Fulava, Frank Pritchard, Joe Fiaui, Peti Faoliu, Laauli Ifopo, Tagiilima I'Atala, John Norris, PRH; John Hertel, TIC Pago Pago.

### **SAMOANS TRAINED FOR WB JOBS**

The WB Pacific Region is training eight American Samoans for positions as meteorological technicians at Pago Pago, American Samoa. A six-month course of classroom instruction, conducted by Herbert T. Hirata, began in Honolulu June 7. While in Honolulu, the trainees are housed and paid per diem by the University of Hawaii's East-West Center. At the end of the six-month course, they will receive on-the-job training at WBAS Pago Pago, under the supervision of Technician-in-Charge John Hertel. As these new employees become fully qualified, present staff members will be transferred to Hawaii or mainland positions.

### **BOULDER HOSTS INTERNATIONAL SYMPOSIUM**

Scientists from nine nations attended the 1967 Conjugate Point Symposium, held in Boulder this week. The symposium was arranged by ITSA and the National Center for Atmospheric Research, and was sponsored by the Office of Naval Research, the Air Force Cambridge Research Laboratories, the American Geophysical Union, and the International Association of Geomagnetism and Aeronomy. ITSA's Dr. Wallace Campbell served as co-chairman of the symposium, and Robert W. Knecht chaired one of the four technical sessions. Conjugate points are the points in each of the hemispheres where the same line of magnetic force enters the earth.

### **NEW BATHYMETRIC MAP PUBLISHED**

The Coast and Geodetic Survey has published a new map showing details of the sea bottom off the California coast from Cape San Martin south to Point Conception and Santa Rosa Island. This is the second in a series of bathymetric maps for the west coast. Similar maps of the seabeds off the Gulf and Atlantic coasts are being prepared. The maps are designed to aid Federal, State, and industrial interests in exploring and developing the resources of the continental shelf.

### **EXPO WEATHER FORECASTS AVAILABLE**

Up-to-date weather information for Montreal's EXPO '67 is being carried on a number of Weather Bureau communications "loops" for the benefit of visitors from the United States. Special forecasts, consisting of data for the previous 24 hours and the forecast for "today and tomorrow" at the EXPO, are being transmitted daily.

### **WOMEN VOTERS OFFER INFORMATION FOR ABSENTEES**

ESSA employees stationed overseas may receive nonpartisan voter information on candidates and issues in their home areas through the League of Women Voters of the United States. Requests giving home town and state should be sent with a stamped addressed return envelope to the League of Women Voters of the U. S., 1200 17th Street, N.W., Washington, D. C. 20036.

### **JAPAN, U.S. DISCUSS COOPERATION IN SEISMOLOGY**

Dr. Shigeji Sayehiro of the Japanese Meteorological Agency and Dr. Shezaturu Nagumo of the Earthquake Research Institute in Tokyo recently visited the C&GS Office of Seismology and Geomagnetism to discuss ways of increasing cooperation in seismology.

### **WB MAN TRAVELS ON TANKER**

A. J. Hull, of the WB Data Acquisition Division, is revising the instruction manual for marine weather observers. He recently gained first-hand information for this project by visiting Port Meteorological Officers in New Orleans and New York, and by sailing on the tanker S. S. ESSO HUNTINGTON from Baton Rouge to New York. Aboard ship, Mr. Hull questioned the officers who prepared the 6-hourly weather reports and took several observations himself to define problem areas.

### **ODESSA ON THE POTOMAC**

A C&GS ODESSA -- Ocean Data Environmental Science Services Acquisition -- buoy system has been installed in the middle Potomac River, with 15 sensors suspended from five buoys. The ODESSA system gathers temperature, current, salinity, and other data for scientific studies.

### **WB ALERT FOR TROPICAL STORMS**

The Weather Bureau's reconnaissance, research, and warning systems have been readied for the 1967 hurricane season, which opened officially June 1. A hurricane preparedness conference was held May 24 at Charleston, S. C., in cooperation with the Charleston Red Cross chapter. The Bureau was represented at a similar conference held June 8 at Yaphank, Long Island, in cooperation with local civil defense, police, fire, and Red Cross officials.

### **C&GS, WB SHARE SOUTH BEND OFFICE**

F. K. Stuart, the C&GS Mark Maintenance man for northern Indiana, is now sharing office space with the Weather Bureau Airport Station at South Bend.

### **MEDAL PRESENTATION SHIFTED TO OCTOBER**

The Department of Commerce has completed a study of its honor awards program. The date of the annual presentation of Gold and Silver Medals has been changed from February to October, the next presentation being scheduled for October 1968. Other changes will be incorporated in a revised Administrative Order 202-451.

### **RADIO STATION PRAISES MIAMI WEATHERMEN**

An editorial broadcast May 23 by Miami radio station WIOD said in part: "Miami's Weather Bureau grows in stature and importance-- and this is indeed gratifying to those of us in the broadcasting media who use the services of the Bureau so often and so regularly.... Weather people in the Computing Building on the University of Miami Main Campus will take over a large share of the World Weather Watch beginning July 1st.... One of three regional offices in the Northern Hemisphere, the Miami Center will cover about one-third of the globe's total tropical and sub-tropical territory. Our community should take special pride in the fine people who staff the Miami Weather Center."

### **HONOLULU FORECASTERS GET SPEECH TRAINING**

Honolulu WB personnel who record continuous weather broadcasts or telephone forecasts are being trained in better communication techniques by two University of Hawaii speech professors. Eight forecasters who prepare telephone recordings will attend a course of classroom and laboratory sessions directed by Dr. Sarah E. Sanderson. FM weather broadcasts are monitored by Dr. Huber W. Ellingsworth, who tape records his comments on word choice, sentence structure, clarity of the forecast statements, enunciation, and voice quality.

### **FIELD PARTIES ON THE MOVE**

Worldwide satellite triangulation stations now are in operation on Thursday Island, Australia, and on Easter Island. Other parties are en route to stations at Villa Dolores, Argentina; Culgoora, Australia; and Cerro Sombrero, Chile. Four parties remain operational at their respective worldwide stations.

A special earth movement geodetic party will be activated at San Francisco on June 26.

### **FEDERAL HEALTH PROGRAM IS WORLD'S LARGEST**

The Federal Employees Health Benefits program covers 7.5 million people and is the largest voluntary employer-sponsored health insurance program in the world. There are 2.4 million employees enrolled and 5.1 million dependents. The program now provides benefits valued at approximately \$41 million per month, with one-fourth to one-fifth of the people covered receiving benefits each year.

### **C&GS MAN COMPLETES COAST GUARD COURSE**

Robert R. Richmond, a technician assigned to the USC&GSS DISCOVERER, was graduated June 2 from the eight-week oceanography school at the U. S. Coast Guard Training Center in Groton, Conn.

### **N. DAK. CLIMATOLOGIST POST OPEN**

ESSA and the North Dakota State University have completed arrangements to station the ESSA State Climatologist for North Dakota on the campus of the University. The North Dakota position is a new one and has been advertised. When it is filled, there will be 25 state climatologists on university campuses.

### **WEATHER BRIEFINGS SET FOR WESTERN GOVERNORS**

The WB will send a mobile weather unit, complete with radio transceiver and facsimile recorder, to West Yellowstone, Montana, during the Western Governors' Conference, June 25-28. Weather briefing services for the conference will be provided by Robert W. Thomas, fire-weather forecaster at Billings. Richard A. Dightman, meteorologist in charge at Helena, will assist with briefings during part of the conference.

### **RETIRED INDIANAPOLIS MIC DIES**

John H. Armington, former meteorologist in charge of the Indianapolis Weather Bureau, died Friday, June 9.

### **HAMS TRAINED FOR WEATHER WARNING NETWORK**

Merle Kachenmeister, who works at the Toledo Weather Bureau and is a ham radio operator, has initiated an amateur radio severe weather network which spreads severe weather watches and warnings throughout northwest Ohio, northeast Indiana, and southeast lower Michigan. In the past two years, Mr. Kachenmeister has trained almost 100 amateur radio operators for service in the network.

### **WOLFORD WINS CASH AWARD**

Dr. Richard K. Wolford of the C&GS Continental Shelf Coordinating Group, has received a cash award of \$400 for his work as Executive Secretary of the ESSA Advisory Board on Allocation of Oceanographic Ship Facilities.

### **11TH WEATHER SQUADRON PLANS REUNION**

Ernest Stern is trying to locate former members of the 11th Weather Squadron, AWS, which was stationed in Anchorage in 1943-44. A squadron reunion is planned for 1969. Mr. Stern's address is 2657 Elm Street, River Grove, Ill. 60171.

### **AIRPORT SURVEYS SCHEDULED**

The Coast and Geodetic Survey will conduct field surveys at the following airports as part of a joint program with the Federal Aviation Administration to advance air safety: Kearney (Nebraska) Municipal Airport; Fresno-Chandler (California) Municipal Airport; LaGuardia (N.Y.) Airport; and Hollywood-Burbank (California) Airport.

### **WSC PARKING FEES OPPOSED**

ESSA top management is strongly opposing the proposed parking fees for the areas adjacent to buildings 1, 2, and 5 at Rockville headquarters. Meetings will be held with the property managers and other officials to explore the possible alternatives.

### **NMC SECTION CHIEF DIES**

Andrew V. Zamborsky, a meteorologist at the WB's National Meteorological Center, died in a highway accident June 10. Mr. Zamborsky was chief of the Extended Forecast Division's Operations Section.

### **CORRECT ADDRESS FOR OFCM**

The room number for the new quarters of the Federal Coordinator for Meteorological Services and Supporting Research was listed incorrectly in the May 19 issue of ESSA NEWS. The correct room number is 5061 Main Commerce.

### **SNAKE PIT LOCATED BY C&GS**

Michael Fowler and Norman Cramer of Geodetic Field Party G-18 reported killing eight rattlesnakes within an hour and a half, while building a station near the Red River in Texas.

### **SERVICE AWARDS**

Barbara Richie and William Weyant of IAS Silver Spring received 25-year pins last month. Robert Rauschenberger, ITSA Boulder, completed 20 years of service.

Employees in C&GS' Geomagnetism Division receiving service awards were George B. Walker, 35 years; William A. Francis, Jr., 25 years; and Betty C. Tyner, 20 years.

B. F. Loveless, chief of ESSA's Procurement and Supply Management Branch, received his 40-year pin from Dr. Robert M. White.

Length-of-service awards are due in June to the following employees of the WB Southern Region. 25 years - James T. Doty, Abilene; Robert B. Carter, Albuquerque; Thomas L. Jetty, Athens; William H. Hammond, Augusta; Clarence L. Mitchell, Jr., Austin; Thomas J. Floyd, Columbus, Ga.; and Henry J. McAleer, III, Savannah.

In the WB Eastern Region, 25-year awards are due to James W. Park, Boston, and Katherine M. Dooley, JFK New York. Edward J. Mallumian, ERH; Arthur J. Snider, Baltimore; and Alfred Fisher, Norfolk, will complete 20 years of service this month.

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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, Bldg. 5, Rm. 804, 6010 Executive Blvd, Rockville, Md. 20852. Phone (301) 496-8243.

# **National Oceanic and Atmospheric Administration**

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