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**PROJECT STORMFURY PLANS ANNOUNCED**

Project Stormfury aircraft and personnel will be on 48-hour alert for hurricane-seeding operations beginning Aug. 8. Headed by Dr. R. Cecil Gentry, Director of ESSA's National Hurricane Research Laboratory, Stormfury is a joint ESSA-U.S. Navy program of scientific experiments to explore the structure and dynamics of hurricanes. As many as 14 planes, provided by ESSA's Research Flight Facility, the Navy, and the Air Force, will participate in experimental seeding of hurricane eyewall clouds and hurricane rainbands. This year, the project will operate under a new set of criteria, which should permit a stepped-up pace of hurricane experimentation. Any suitable storm in the southwestern North Atlantic will be considered eligible for seeding, as long as there is a small probability (10 percent or less) of its center approaching within 50 miles of a populated area within the ensuing 24 hours. In previous seasons, seeding was restricted to a prescribed strip of the Atlantic between Bermuda and Puerto Rico.

Stormfury Director Gentry boards ESSA research plane

**MIAMI WELCOMES DISCOVERER**

The USC&GSS DISCOVERER was welcomed to Miami July 26 by county, state, business, and educational leaders. Dade County Mayor Chuck Hall and other local officials spoke at dockside ceremonies. ESSA speakers were Dr. Werner A. Baum, Deputy Administrator; Dr. Harris B. Stewart, Jr., Director of the Institute for Oceanography; and Rear Admiral John C. Bull, C&GS East Coast Field Director. An estimated 3000 visitors toured the ship during a two-day public open house, July 29-30.

### CLARK HEADS HARRISBURG WB



John R. Clark is the new meteorologist in charge of the Harrisburg, Pa., WB station. He is replacing O. D. White, who is now in charge of the new River Forecast Center in Harrisburg. Prior to his new assignment, Mr. Clark was meteorological flight briefing officer at Chicago, principal analyst at the National Meteorological Center, and most recently, supervisor of Public Service Operations in the WB Eastern Region headquarters.

### FAA TO DISTRIBUTE C&GS CHARTS

Under a cooperative arrangement with the Federal Aviation Administration, C&GS aeronautical charts will be sold by the 35 FAA flight service stations in Alaska. Previously, the Survey had nine aeronautical chart agencies in the state. The cooperative arrangement will make C&GS aeronautical charts easily accessible to pilots throughout Alaska.

### HHH SENDS BIRTHDAY GREETINGS TO OCEANOGRAPHER

The USC&GSS OCEANOGRAPHER celebrated ESSA's second anniversary --and the first anniversary of the ship's commissioning--during its stop at Penang, Malaysia. An anniversary party held in the Ambassador Hotel was attended by local officials and by the ship's officers, scientists, and crew. After a welcome by Captain Arthur L. Wardwell, Commander John Plaggmier read the following birthday greeting from Vice President Hubert H. Humphrey: "The President warmly appreciated your message to him on this occasion of the first anniversary of the commissioning of OCEANOGRAPHER. I am proud to congratulate you and Admiral Karo and your crew and scientific party on your splendid achievements in scientific cooperation. The global expedition of OCEANOGRAPHER represents a major opportunity to support the activities of scientists from many nations concerned with the understanding and use of the oceans for the benefit of mankind. I hope, in your remaining ports of call, you will seek opportunities to discuss with scientists, educators, economists, business leaders, and government officials, the potential of the seas for developing valuable food and mineral resources in relation to their own nations' advancement and in relation to cooperative programs with the United States. On the remainder of your expedition, I wish you every success and want you, too, to carry the best wishes and greetings of the American people everywhere you go."

## **PROFESSORS COME TO ESSA**

Professor Ralph M. Berry, University of Michigan, and Professor George B. Lyon, Cornell University, have temporary appointments in the Coast and Geodetic Survey Office of Geodesy and Photogrammetry. Professor Berry, who will work in the Office of the Associate Director, was a C&GS photogrammetric engineer from 1946-1954 and held a temporary appointment as research geodesist in 1963. Professor Lyon is on sabbatical leave from his post of associate professor of civil engineering at Cornell. He will assist the Research Group in studying problems related to crustal movements.

## **GUAM WB HAS NEW CHIEF**

Ivan D. Van Reenan, the new Official-in-Charge of the WB office at Guam, has served at Chicago and Rockford, Ill., and at Lander, Wyo., since he joined the Bureau in 1963. A former Air Force sergeant, he was stationed at Guam with the 54th Weather Reconnaissance Squadron from 1958-60, and flew 30 typhoon penetration missions.

## **SAD PARTING IN ELY**

The C&GS field party under Carl A. Annis made a big hit in Ely, Nev., during their stay there June 12 to July 14. When the party left, the Ely Daily Times wrote: "We in Ely are sorry to see them leave, and will await their return in the future with the pleasant memory of their brief stay here in our hearts."

## **GRAMAX GETS EMPLOYEE SERVICE OUTLET**

The Washington-area ESSA Employees Club's first service outlet opened in Room 508 of the Gramax Building on July 21, with Miss Carrie E. Cole in charge. Others are planned for ESSA's Rockville and Suitland complexes when space becomes available. The non-profit outlets offer services and merchandise for club members.

## **CDR. DEMUTH RETIRES**

Cdr. Hal P. Demuth, a staff consultant in the Office of Science and Engineering, retired July 31. Cdr. Demuth joined the C&GS in 1949 and saw duty on C&GS ships; with geodetic field surveys; in Norfolk, where he was in charge of officer training; in Washington, D.C., and Rockville as chief of officer personnel; at Suitland with the National Environmental Satellite Center; and in Rockville with the Office of Science and Engineering.



## **WMO POSITIONS OPEN**

The World Meteorological Organization has furnished ESSA with advance information concerning its plans to establish more positions around the world. Openings for agrometeorologists, meteorologists, hydrologists, and hydrometeorologists will be available in Cameroon, Colombia, Dahomey, Indonesia, Mongolia, Morocco, Niger, Philippines, Romania, and Tunisia. Assignments will range from one to twenty-four months depending upon the location.

## **MITCHELL TO ASSIST AT STATISTICAL COURSE**

Dr. J. Murray Mitchell, Jr., of EDS' Laboratory for Environmental Data Research, will serve as an instructor for a short course in statistical time-series analysis to be given at Cloudcroft, N. Aug. 9-12. The course was organized by the U. S. Army Electronics Research and Development Activity at White Sands in collaboration with the University of Texas.

## **SERVICE AWARDS**

IER employees who received length-of-service awards in July were James W. Watts, Thomas N. Gautier, Jr., and Charles Johnson, ITSA, 25 years; Mabel Brodckstra, IAS, Silver Spring, 25 years; and Alfred Anderson, IO, Silver Spring, 20 years.

In the WB Southern Region, the following employees are eligible for length-of-service awards in August. 35 years - Clynt E. Sitchler, Abilene. 30 years - William E. Zimmerman, Albuquerque; Edward J. Clancy, Atlanta; and William M. Rowe, Memphis. 25 years - Earl B. Clark, Fort Worth; Hugh E. Pritchard, Jr., Chattanooga; M. Harold Smith, Chattanooga; Leonard R. Gilbert, Jr., Columbus, Ga.; S. Lamar Woodward, Jackson, Tenn.; Robert M. Hobson, Macon; Lowell R. Semans, Memphis; Edward L. Banken, Miami; Everett W. Carlson, Nashville; Wayne R. Brown, Tampa; and Glenn C. Denney, San Antonio. 20 years - Marietta C. Mahurin, Fort Worth; Edwin Little, Jackson, Tenn.; and Robert G. James, Victoria, Tex.

## **KUTSCHENREUTER ADDRESSES COMMITTEE**

Paul H. Kutschenreuter, Director of User Affairs, addressed the July 20 meeting of the Interagency Civil Defense Committee on "The Natural Disaster Warning System."

Items to be considered for ESSA NEWS must be received by Friday to be considered for publication the following Friday. Send material to: ESSA, Office of Public Information, Bldg. 5, Rm. 804, 6010 Executive Blvd., Rockville, Md. 20852

# **National Oceanic and Atmospheric Administration**

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