

WMO SESSION MEETS

ESSA Administrator Dr. Robert M. White is attending the 18th session of the World Meteorological Organization Executive Committee, meeting at Geneva, May 26 to June 10. Dr. White is a member of the Committee, and his alternate at this session is Nels E. Johnson, ESSA Director of International Affairs. Merritt N. Techter, Director of the Weather Bureau's Systems Development, is an advisor to Dr. White. Also attending the session are Dr. Richard Hallgren of ESSA's World Weather Watch office and Dr. Sidney Teweles, Institute for Atmospheric Sciences, who is taking part in a scientific lecture on special meteorological requirements for operation of supersonic aircraft. Among the agenda items are reviews of World Weather Watch plans and budget proposals for the next finance period.

ESSA WORLD WINS THE POT

Winner of the ESSA magazine name contest is Floyd E. Hug of the Weather Bureau River Forecast Center at Sacramento, Calif. His \$50-winning entry was the first to arrive at the ESSA Public Information Office suggesting the winning title ESSA WORLD. From the total of 1857 suggestions, only four additional contestants, whose entries were received after Hug's, listed the same name.

FEDERAL PAY RAISE STATUS

The Senate Post Office and Civil Service Committee this week approved a 2.9 percent Federal pay raise. A Senate vote on this modified version of the House-passed bill is expected after the Memorial Day holiday. If the Senate approves the bill, it will then go to a Senate-House conference for adjustment of differences between the two versions. If the bill becomes law, it is proposed that the raise be effective on or after July 1. Some principal features of the pending bill are: a 2.9 percent across-the-board raise for employees in grades 1 through 15; supergrade employees would get a flat 2 percent; retirement on full annuity at age 55 after 30 years' service, or at age 60 after 20 years' service; one-step increase in Government contributions to high-option health plans by 10 percent; a 10 percent increase in annuities of widows or future widows of employees who died or retired prior to Oct. 11, 1962; extension of health insurance coverage for children up to age 22 (instead of present 21 maximum).

HIGH-SPEED LINK TIES WASHINGTON/HONOLULU

A high-speed facsimile-data link has been completed between the Weather Bureau Airport Station (WBAS) at Honolulu and the National Meteorological Center at Suitland, Md., near Washington. WBAS San Francisco is an intermediary relay center.

TRIANGULATION STATION AT NBS

A first-order triangulation station is being set up on the National Bureau of Standards grounds at Gaithersburg, Md. Field work is scheduled for completion this week.

NEW COMMERCE OFFICIAL APPOINTED

Dr. Chalmers W. Sherwin, Deputy Director of Defense Research and Engineering for Research and Technology at the Department of Defense, has been appointed Deputy Assistant Secretary of Commerce for Science and Technology. He will assume his duties July 1 as Deputy to Assistant Secretary Dr. J. Herbert Hollomon. He succeeds Dr. Charles L. McCabe, who resigned to become president of the Koebel Diamond Tool Company, Detroit.

ITSA EXPANDS CONNECTIONS



The Institute for Telecommunication Sciences and Aeronomy's Space Disturbance Forecast Center at Boulder, Colo., has installed a military teletypewriter machine to improve its data acquisition and forecast distribution capability. The new equipment is in addition to a commercial teletypewriter circuit already in service. When the new system becomes fully operational, the Boulder Center will be linked with the Sacramento Peak Observatory (Sunspot, N.M.), the Air Force Weather Relay Center (Tinker AFB, Okla.), ENT Air Base (Colorado Springs, Colo.), the Sagamore Hill Air Force Radio Astronomy Observatory (South Hamilton, Mass.), Goddard Space Flight Center (Greenbelt, Md.), and ITSA's Telecommunications and Space Disturbance Services Center (Fort Belvoir, Va.). Control center for the system will be at Tinker Air Force Base. The Boulder Forecast Center collects data on solar activity from a global system of observatories for use in predicting solar disturbances. Forecasts are issued seven days a week and special forecasts and warnings are prepared during manned space flights or when unusual sun activity occurs.

HOME PORTS ANNOUNCED

C&GS Director Rear Admiral James C. Tison Jr. announced that the USC&GSS Rude and Heck, now under construction, will be based at Norfolk, Va., after they are completed later this year. Scheduled to operate in East and Gulf Coast waters, the vessels will replace the USC&GSS Wainwright and Hilgard. The USC&GSS Oceanographer, now in port at Baltimore, Md., will be based temporarily at Jacksonville, Fla., beginning August. Her permanent base will be at the C&GS Pacific Marine Center in Seattle.

FURY LIKE A...

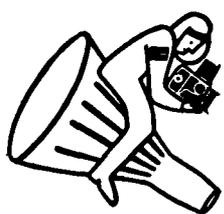
The hurricane season officially opens June 1, and the Weather Bureau is prepared to track and predict the course of these severe tropical storms. This year's 21 names to be used to identify storms in the Atlantic, Caribbean, and Gulf of Mexico are: Alma, Becky, Celia, Dorothy, Ella, Faith, Greta, Hallie, Inez, Judith, Kendra, Lois, Marsha, Noreen, Orpha, Patty, Rena, Sherry, Thor^a, Vicky, and Wilna.

MERCHANT SHIPS TO EYE WEATHER



Contracts have been signed by ESSA's Weather Bureau for studies in weather forecasting and research. The Airborne Instruments Laboratory of New York will develop an improved merchant ship observation program for the World Weather Watch. The Atmospheric Research and Development Corporation of Kansas City, Mo., will study problems of forecasting heavy snowfall in the Midwest, and TRW Systems of California will seek a better understanding of fire storms, tornadoes, and convection in a locally heated atmosphere.

SATELLITE CAMERAS KEEP NESC HOPPING



With ESSA 1 and 2 operating satisfactorily and one camera functioning each on TIROS VII, VIII, IX, and X, the National Environmental Satellite Center (NESC) had a productive month during April, receiving 12,577 meteorologically useful photographs. NESC prepared 1083 nephanalyses and transmitted them via long-line and radio-facsimile to domestic and overseas users, and also transmitted 243 nephanalyses in weather-coded form to overseas users. Twenty-six storm bulletins and 75 addressed satellite storm advisories were sent to United States weather centers and to 21 foreign addressees. Ten National Meteorological Center analyses were adjusted on the basis of satellite photographs.

ALASKA TO GET NERVE CENTER

Construction started this month on the Palmer, Alaska, Seismological Observatory, which will serve as the "nerve center" for the Alaskan Seismic Sea Wave Warning System and will provide vital information to Honolulu for use in the Pacific Seismic Sea Wave Warning System. The observatory is being constructed by the Bureau of Indian Affairs, and scheduled for completion about September with operations to begin early 1967.

EDS OFFICIALS ADDRESS MEETINGS

Herbert C. S. Thom, Environmental Data Service (EDS) chief climatologist, spoke on climatological analysis at the Virginia Polytechnic Institute's (VPI) Statistics Department Colloquium this month. EDS Virginia State Climatologist Morton Bailey discussed development of state climatological services with VPI department heads. Also this month Julius F. Bosen, EDS Automatic Data Processing Advisor, described the application of microfiche techniques to EDS information retrieval problems at the National Microfilm Association Convention in Washington.

BIG NOISE AT BAY SAINT LOUIS

The Weather Bureau's Atmospheric Support Team provided meteorological observations and forecasts in support of the first static test firing at the National Aeronautics and Space Administration's Mississippi Test Facility, Bay Saint Louis, Miss. The test involved a 15-second firing of the Apollo-Saturn V space vehicle second stage. NASA required WB assistance to determine sound propagation patterns during the test so that no disturbing noise levels would reach populated areas. The Atmospheric Support Team has been gathering meteorological data for acoustic research since December 1962 under WB-NASA contract. The unit is assigned to the Range Support Branch of the WB's Space Operations Support Division.

H.M.S. VIDAL OFFICERS VISIT C&GS

Captain Antony H. Cooper, hydrographer of Australia, and three of his officers from the British Survey Ship H.M.S. Vidal visited the C&GS Marine Chart Division. They were primarily interested in recent automating procedures for nautical chart compilation and maintenance.

FROM ROCKVILLE TO BOULDER

Nathan W. Stiewig, formerly at ESSA headquarters in Rockville, Md., is the new chief of ESSA's Administrative Services Division at Boulder, Colo.

'AROUND THE WORLD IN 50 HOURS'



ESSA Director of Aviation Affairs N.A. Lieurance was the guest speaker at the American Meteorological Society District of Columbia Chapter meeting this month. Title of his talk was "Around the World in 50 Hours" during which he discussed his experiences as a scientific observer on the November 1965 around-the-world flight over both poles.

MONSOONS ARE SUBJECT OF TALK

Concluding a five-month stay at the National Environmental Satellite Center (NESC) as a World Meteorological Organization Fellow from India, V. Srinivasan of the International Meteorological Center, Bombay, spoke on some aspects of broadscale cloud distribution over the Indian Ocean during southwest monsoon season, at the NESC this month. He is now at the National Hurricane Center in Miami and from there will go to the National Severe Storms Laboratory at Norman, Okla., before visiting the Universities of Chicago and Hawaii on his way home.

AWARDS

Length-of-service awards in the Weather Bureau's Southern Region for June are: Donald A. Compton, WBAS New Orleans, 30 years. Robe B. Carson, NHC Miami; Edmund A. DiLoreto, WBAS San Antonio; Alfred Eisgrow, WBAS Huntsville, Ala.; Harold L. Frost, WBAS Lubbock, Tex.; Charles M. Frounfelkner, WBAS San Antonio; Robert O. Reinhold, WBAS Little Rock, Ark., 25 years. Doyle S. Casey, WBAS Brownsville, Tex.; Michael S. Hvizdak, WBAS El Paso, Tex.; William T. Keating, WBAS Jackson, Miss.; Jack B. Lyman, WBAS Jacksonville, Fla.; and Billy P. Stephens, WBAS Wichita Falls, Tex., 20 years. Length-of-service awards also were given to two employees of the Institutes for Environmental Research Boulder Laboratories: Josephine S. Krantz, 25 years, and Charles M. Benedict, 20 years.

WEATHER IS HOT TOPIC

The World Meteorological Organization (WMO) Advisory Committee recommends that a major international scientific effort should be directed to increased understanding of atmospheric processes. According to the proposed plan, which is being examined now by the WMO Executive Committee, the research project (known as the Global Atmospheric Research Program), would culminate in 1972 in an intensive, extensive atmospheric study involving about 100 countries. Meteorological investigations would include weather patterns in the Arctic and Antarctic regions, air mass movements in the tropics, weather phenomena relationships in the Northern and Southern Hemispheres, and ocean-atmosphere interaction.

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, Md. 20852. Phone (301) 496-8193.

National Oceanic and Atmospheric Administration

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