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ESSA EMPLOYEES WIN COMMERCE MEDALS

Three ESSA employees received the Department of Commerce's highest award — the Gold Medal — for outstanding Government service at a ceremony on Feb. 14.

Dr. Frederick G. Shuman, Director of the WB's National Meteorological Center at Suitland, Md., won the award for his contributions to the science of numerical weather prediction, distinguished authorship, and his leadership as NMC Director.

Charles L. Bristor, who heads the Data Processing and Analysis Division at the National Environmental Satellite Center at Suitland, received the Gold Medal for his original contributions to the development of a method for computer processing of weather satellite observations.

Dr. Donald T. Farley, of the Institute for Telecommunication Sciences and Aeronomy, received his award "for distinguished and productive authorship of exceptional quality and extraordinary importance to science, and for outstanding direction of the Jicamarca (Peru) Radar Observatory".

Commerce's Silver Medal was awarded to the following: David P. Beatty, Aeronautical Chart Division, C&GS; Harold A. Bedient, National Meteorological Center, WB; Lloyd E. Brotzman, Eastern Region Headquarters, WB (presented Jan. 7); Richard A. Garrett, WB, Topeka, Kans.; Robert D. Goodrich, Distribution Division, C&GS; Christos Harmantas, Equipment Development Laboratory, WB; Raymond L. Joiner, National Weather Records Center, EDS; Donald L. Jorgensen, Systems Development Office, WB; Dee E. Kimbell, Office of Geodesy and Photogrammetry, C&GS; Arthur R. Kneer, National Meteorological Center, WB; Wilbert R. Krumm, Western Fire-Weather Coordinator, WB; Clarence E. Lamoureux, WB, Des Moines, Ia.; Dr. Joanne Simpson, Atmospheric Physics and Chemistry Laboratory, Institute for Atmospheric Sciences; Curtis J. Smith, State Climatologist Office, Lincoln, Nebr.; Michael Sunray, WB, Mexico City; Captain Lorne G. Taylor, Marine Chart Division, C&GS; Lloyd W. Tourville, NESC, Gilmore Creek, Alaska; Harold Q. Van Dyke, NESC, Wallops Station, Va.; Philip L. Rice, Mrs. Anita G. Longley, Kenneth A. Norton, and Albrecht P. Barsis (group award), Communications Systems Design Group, ITSA; and Richard A. Brintzenhofe, Jesse R. Gulick, and Ernest A. Amman (group award), Spaceflight Meteorology Group, WB.

HEROIC ACT EARNS MEDAL FOR WHITING CREWMAN

Robert S. Wahab, a fireman aboard the USC&GSS Whiting, was presented the Department of Commerce's Silver Medal in a special ceremony at Norfolk, Va., for saving the life of a drowning sailor last March. Rear Admiral John C. Bull, Director of the Atlantic Marine Center, made the presentation.

LITTLE U.N. AT SUITLAND, MD.

The World Meteorological Center at Suitland, Md., is a truly international operation now, with visiting scientists on hand from Japan, India, Poland, and Hungary. Dr. Takashi Nitta from Tokyo is working on the development of numerical weather prediction models. K. Krishna, R. Surya Narayana, and J. Shukla are studying numerical forecasting procedures for the Institute of Tropical Meteorology at Poona, India. Miss Blanka Osuchowska from Warsaw and Dr. G. Koppany of Budapest are working in the Extended Forecast Division, while Tibor Tanczer of Budapest is studying analysis and forecast techniques.

NESC TAKES CONTROL OF ESSA 4

The National Environmental Satellite Center assumed operational control of the ESSA 4 satellite at 1200 EST on Feb. 8. Since it was launched on Jan. 26, NASA has been checking out the systems in ESSA 4. There has been a shutter malfunction in one of the satellite's APT cameras, but the second camera is working well.

CARIBOU WB HAS NEW HOME

A new Weather Bureau building at Caribou, Me., was opened officially Jan. 10. Representing the WB at the ceremony and at a dinner sponsored by the city were Karl R. Johannessen, Eastern Region Director; Dr. Oscar Tenenbaum, MIC at Boston; Charles Chibka, MIC at Portland, Me.; George Courville, MIC at Worcester; and James F. McCloy and Peter J. Formica, both of Eastern Region Headquarters.

MAP SHOWS UNDERSEA FEATURES OFF CALIFORNIA

The most detailed map ever published of the seabed off the South California coast was issued by the Coast and Geodetic Survey on Feb. 12. The bathymetric map, produced at a scale of 1:250,000, covers approximately 15,000 square miles and extends seaward as far as 125 nautical miles, reaching from the Santa Barbara area in the north to Huntington Beach in the south. It is one of the first maps in a series designed to provide undersea mapping of the 850,000-square-mile continental shelf area off the Atlantic and Pacific coasts and the Gulf of Mexico.

SHIP ALLOCATION BOARD NAMED

An eight-member advisory panel has been appointed to ensure the most effective use of ESSA's research ships in support of national objectives in oceanography. The new Advisory Board on Allocation of Oceanographic Ship Facilities will consider research proposals in the light of Federal goals and priorities in oceanography and will present its recommendations for use of available space and ship time to Rear Admiral James C. Tison, Jr., USC&GS Director. Members of the Advisory Board are: Rear Admiral Don A. Jones, ESSA Associate Administrator (Chairman); Dr. I. E. Wallen, Office of Oceanography and Limnology, Smithsonian Institution; Dr. Joshua I. Tracey, Jr., Office of Marine Geology and Hydrology, U. S. Geological Survey; Dr. Wayne B. Burt, Department of Oceanography, Oregon State University; Dr. Fritz Koczy, Institute for Marine Sciences, University of Miami; Dr. William V. Wright, Director of Science and Engineering, ESSA; Dr. Harris B. Stewart, Jr., Director of the Institute for Oceanography, ESSA; and Captain Raymond M. Stone, USESSA, Associate Director for Hydrography and Oceanography, Coast and Geodetic Survey.

WB APPOINTMENTS ANNOUNCED

Richard Fay, chief of the Evaluation Section at the Weather Bureau's Eastern Region Headquarters, has been selected for the position of meteorologist in charge at WBAS, Cleveland, Ohio.

Ola D. White, meteorologist in charge at WBAS, Harrisburg, Pa., has been named hydrologist in charge of the new River Forecast Center which is being established in Harrisburg.

COAST PILOT 3 PUBLISHED

C&GS has published a new edition of U. S. Coast Pilot 3, a 189-page nautical book describing a 270-mile stretch of the Atlantic coast from Sandy Hook, N. J., to Cape Henry, Va. Another new C&GS publication is the 1967 Nautical Chart Catalog, showing all available nautical charts for the Atlantic and Gulf coasts, including Puerto Rico and the Virgin Islands.

GOODYEAR DISCUSSES HURRICANE RAINFALL

Hugo V. Goodyear, WB Office of Hydrology, presented a paper at the Environmental Engineering Conference of the American Society of Civil Engineers, held in Dallas, Tex., Feb. 6-10. Mr. Goodyear gave details on the distribution of rainfall in the immediate area around the paths of tropical storms entering the gulf coast, providing engineers with basic rainfall data needed for the design and operation of public works to protect against hurricanes.

FIELD PARTIES ON THE MOVE

A C&GS field party will soon begin a survey in the San Jose, Calif., area to determine the amount of subsidence since the last complete releveled survey in 1960. The project is being financed cooperatively by 9 Federal, State, and local agencies, in addition to the C&GS. Clarence Symms, Jr., is the chief of party.

Satellite Triangulation Party G-5 left Port Hueneme, Calif., Jan. 29 to activate a worldwide station at Revilla Gigedo Island, Mexico. Astronomic Party G-46 left Jan. 30 for Catania, Italy, to make astronomic observations and establish a horizontal and vertical tie at Satellite Station 016. Leveling Party G-38 is at work near Casa Grande, Ariz., measuring subsidence in a cooperative project with the Army Map Service. An airport survey party is now at Oklahoma City, conducting a field survey of Will Rogers World Airport.

AIR FORCE HONORS NMC MAN

Roderick S. Quiroz, who joined the Upper Air Branch of the WB's National Meteorological Center in September 1966, received the Air Force Meritorious Civilian Service Award Jan. 18. Mr. Quiroz was cited for his contribution to the national aerospace effort, by extending knowledge of atmospheric parameters above conventional altitudes, while working as a research meteorologist with the Air Force Environmental Technical Applications Center.

CALLING CARDS FOR SALE

The Washington-area ESSA Employees Club is selling business cards imprinted with the ESSA name and seal. The cost is \$3.25 for 100; \$4.80 for 200; or \$5.83 for 300. The cards can be ordered from Henry Eichert, C1422, WSC-2, Rm. 013, Rockville, Md. 20852. Please provide complete information on the name and address of your office, its telephone number, your full name, and your title.

SERVICE AWARDS

Service awards are due in the first quarter of 1967 to the following employees of the National Weather Records Center, Asheville, N. C. 25 years - Ralph E. Hawes, Robert K. Hood, Robert E. Humberger, Paul J. Kane, and Robert M. McBride. 20 years - M. Frances Hutchins, Robert L. Litaker, Conrad D. Maney, Doris P. Sorrells, and Pauline R. West.

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National Oceanic and Atmospheric Administration

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