

VOLUME 2 NUMBER 10

MARCH 25, 1966

## SECRETARY NAMES DIRECTOR OF IER

Secretary of Commerce John T. Connor last Monday announced the appointment of Dr. George S. Benton, Chairman of the Department of Mechanics at Johns Hopkins University, as Director of ESSA's Institutes for Environmental Research.



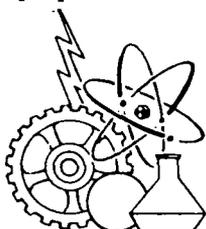
Dr. George S. Benton

There are four institutes: Telecommunication Sciences and Aeronomy (formerly the Central Radio Propagation Laboratory of the National Bureau of Standards), Earth Sciences, Oceanography, and Atmospheric Sciences. In commenting on Secretary Connor's appointment of Dr. Benton, Dr. White, Administrator said: "It is with exceptional pleasure that we welcome Dr. Benton. His appointment follows a search of many months for a Director combining the unique qualifications necessary to this position of significant leadership. The institutes are charged with conducting broad, integrated programs of research in our geophysical environment. Upon their achievements depends a large degree of the Nation's success in man's effort to live in harmony with his environment. In Dr. Benton, they will have a Director who is a scientist and administrator of

well-deserved international reputation, whose contributions to the national store of knowledge have been substantial. He will head a distinguished group of scientists whose dedication and abilities are already widely known, and whose efforts to describe, understand, and predict the environment are continuously serving our Nation."

Dr. Benton, who will assume his new duties in July, is one of the Nation's outstanding authorities in the atmospheric, oceanographic, and hydrological sciences. Dr. Benton was born Sept. 24, 1917, in Oak Park, Illinois. He was graduated from the University of Chicago in 1942 and received his doctorate from its Department of Meteorology in 1947. He joined the University of Chicago's Department of Meteorology as an assistant professor in 1948, following experience as a soil conservationist with the U. S. Department of Agriculture and as a meteorologist and operations analyst with the Army Air Force during World War II. Dr. Benton went to the Johns Hopkins University as an assistant professor in September 1948, becoming an associate professor in 1952. He was appointed Acting Chairman of the Department of Civil Engineering in 1958. When the Department was merged with two others in 1960 to become the Department of Mechanics, he was appointed its Chairman. He is also Professor of Meteorology, a member of the Advisory Board of the School of Engineering Science, and a member of the University's Long Range Planning Committee. He is a Trustee of the University Corporation for Atmospheric Research at Boulder, and a member of its Executive Committee. He is Chairman of the Panel on Air-Sea Interaction, Joint Panel of the Committee on Oceanography and the Committee for Atmospheric Sciences, National Academy of Sciences. He is a member of the Advisory Committee for Atmospheric Sciences, National Science Foundation, and the Advisory Committee for Education and Training, U. S. Weather Bureau.

He is a member of the American Meteorological Society, the American Geophysical Society, the American Society of Civil Engineering, the Society for Natural Philosophy, the Maryland Academy of Sciences, and a former member of the New York Academy of Sciences. He is also a member of the honorary societies of Sigma Xi, Tau Beta Pi, and Pi Tau Sigma. A new book by Dr. Benton, "The Atmosphere," is scheduled for early publication by Harcourt, Brace and World. Dr. Benton is married and has four children. The Bentons reside at 100 Cedarcroft Road, Baltimore, Maryland.



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### **BIG DITCH TO GET WEATHER SITES**

Arthur W. Youmans of the Weather Bureau's Overseas Operations Division is now on detail to the Canal Zone as acting operations manager of the ESSA Inter-oceanic Canal Project. With officials from the Atomic Energy Commission and U.S. Army Corps of Engineers, he is planning the layout of weather stations along Route 17 in Panama. The engineers have established a base camp at Piduaque (the Pacific end of Route 17) and are building a road to the weather site several miles away. Soon to be announced are the dates for beginning meteorological programs at the proposed weather stations.

### **ESSA OFFICIAL TO SPEAK ON SPACE**

David S. Johnson, Director of the National Environmental Satellite Center, will give a talk at the Franklin Institute in Philadelphia on March 30. Speaking about the impact of space research on meteorology, Johnson will discuss IQSY (International Years of the Quiet Sun) experiments with meteorological rockets which have revealed information on the circulation and structure of the upper atmosphere and mesosphere, and meteorological satellites that give scientists a global view of the atmosphere.

### **AUSSIE WEATHER MOVES FAST**

A 100 word-per-minute full duplex circuit is now installed between Washington (ESSA facilities at Suitland, Md.) and San Francisco for the relay of South American data to Australia and the receipt from Australia of South Pacific and Antarctica weather information. The channels from San Francisco and Australia via Honolulu will be the regular weather channels.

### **4,200 FEET UP, 100 FEET DOWN**

An underwater stable platform, developed by C&GS, has been stationed successfully 100 feet below the surface in 4300 feet of water, 100 miles west of the Los Angeles harbor, and is expected to operate 90 days. The fifth such platform to be moored by ESSA, it acts as a stable mooring for instruments which would be disturbed by surface conditions. The new platform is instrumented with the first three-component magnetometers to be located in the sea for measuring terrestrial magnetism. Also, it is instrumented with a measuring system to study deep water tides and tsunamis.

### **ITSA LABORATORY MEETS PUBLIC**

Educators, industry representatives, and Government officials met recently with the senior staff of ESSA's Ionospheric Telecommunications Laboratory, at Boulder, Colo., to discuss topics ranging from general science to special telecommunication problems. Dr. Nicolis Golovin of the President's Executive Office opened the meetings by discussing "Science and Government." Planning sessions were held to examine the laboratory's present and future programs.

### **DIRECTOR NAMED FOR HYDROLOGY R&D**

Albert K. Showalter is now Director of the Hydrologic Research and Development Laboratory in the Weather Bureau's Office of Hydrology. Formerly chief of the WB's Data Acquisition Division, Showalter recently was detailed by ESSA Administrator Dr. Robert M. White to the President's Water for Peace Program.

### **VETS, ATTEN-HUT!**

Veterans with service-connected disabilities have about six weeks to apply for the newly reopened National Service Life Insurance. It is being offered to veterans of World War II and the Korean conflict who either failed to take it out originally or allowed it to lapse in whole or in part. Deadline for the new GI policies is midnight, May 2. For details write the Veterans' Benefits Office, 2033 M Street, N.W., Washington, D.C. 20421 or phone DU 9-2764.

### **HIGH VIEW OF ARABIAN LOW WATER**

The ESSA (C&GS) team of tide and aerial photography specialists has completed infrared aerial photography of the Saudi Arabian coast low-water line. Taken in cooperation with the U.S. Air Force, Army Map Service, and Army Corps of Engineers, the C&GS photographs will be used for mapping the median line between Saudi Arabia and Iran. About 3,400 feet of aerial film were exposed, photographing 2,200 lineal miles. See ESSA News number 1, volume 2, for earlier report.

### **ESSA GEODESIST HONORED**

Benjamin T. Lumpkin, a geodesist in C&GS' Triangulation Branch since 1959, has been selected for inclusion in the 1966 edition of Outstanding Young Men of America. The annual publication is a biographical compilation listing about 10,000 young men under 36 years of age who have "distinguished themselves in one or more fields of endeavor to the point of being outstanding."

### **CATALOG CARRIES WEATHER DATA**

The new issue of C&GS catalog of aeronautical charts has information for pilots on use of aviation weather services. The "Key to Aviation Weather Reports" and "Key to Aviation Weather Forecasts," previously issued by the Weather Bureau is printed on the new catalog.

### **SAFETY AND SECURITY CHANGES**

Donald J. Denion, Chief of the Office Services Branch, has been appointed ESSA Acting Security Officer. He replaces Milton S. Aronstam who will devote full time to the ESSA Safety Program.

### LIKE FATHER, LIKE SON

Lt. R. Lawrence Swanson has been named Commanding Officer of ESSA (C&GS) ship Marmer, which currently is making a survey of the York River in Virginia. Swanson was assigned previously to the Pathfinder, Pioneer, Surveyor, Hilgard, and Wainwright. His father, Lawrence W. Swanson, is project manager of the C&GS Geodetic Satellite Program.

### JAYCEES INVITE GOVERNMENT MEMBERSHIP

The Civil Service Commission has endorsed the Junior Chamber of Commerce's current membership drive in the Federal Government and personnel directors encourage employees to join. The "Jaycees" is an organization of young men (age 21 to 36) who participate in civic projects for community improvement. For details write Downtown Jaycees, 815 15th Street, N.W., Washington, D.C. 20005.

### NEW WB APPOINTMENTS

John Lovkay, Jr., has been appointed Acting Chief of the Weather Bureau Systems Development Office's System Plans and Design Division. Warren J. Fitzgibbons is the new Meteorologist in Charge of the Weather Bureau Airport Station (WBAS) at Eniwetok in the Pacific; Fitzgibbons formerly was an aviation forecaster at WBAS Honolulu.

### JAPANESE OFFICIAL VISITS C & GS

Dr. S. Utashiro of the Japanese Maritime Safety Agency is completing a two-week visit to Coast and Geodetic Survey offices at ESSA headquarters. He discussed processing methods for geodetic data with emphasis on methods of handling world magnetic survey data and magnetic chart compilation.

### AWARDS

John E. Foster, radiosonde inspector with the Weather Bureau Engineering Division's Factory Inspection Unit, Philadelphia, recently reached his 40th anniversary of Federal service. Length-of-service awards for the National Weather Records Center at Ashville, N.C., are: Charles A. Sabine, 35 years; Harold R. Kenslow, Norman E. Poultney, and Clyde L. Snyder, 25 years; Elizabeth C. Pearson, Ruby B. Crook, Dorothy O. Pirkle, Dorothy F. Hensley, Richard M. Davis, Richard M. Jackson, Ross R. Rhodes, and Robert B. Wyatt, 20 years.

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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, Room 1021, Bldg. 5, WSC, Rockville, Md. Phone (301) 496-8193.

# **National Oceanic and Atmospheric Administration**

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July 23, 2010