

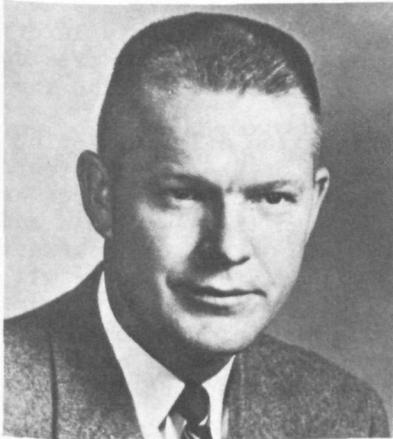
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ESSA NEWS

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U.S. DEPARTMENT OF COMMERCE ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION

Gordon G. Lill To Be C&GS Deputy Director



Dr. Gordon G. Lill

Dr. Gordon G. Lill, geologist and oceanographer, has been named Deputy Director of the Coast and Geodetic Survey.

As Deputy Director, he will assist Rear Admiral Don A. Jones, Coast Survey Director, in carrying out the scientific and administrative responsibilities of the agency.

Dr. Lill, a World War II Navy veteran, served with the Office of Naval Research for 12 years, as head of the Earth Sciences Section of the Geophysics Branch; chief of the Geophysics Branch; and Earth Science Advisor. Subsequently, he was a corporate research advisor for the Lockheed Aircraft Corporation and the Director of the National Science Foundation's Mohole Project.

Born in Mt. Hope, Kans., Dr. Lill received a bachelor's degree in geology in 1940 and a master's degree in 1946 from the Kansas State College of Agriculture and Applied Science, Manhattan, Kans. From 1946 to 1947, he was a graduate instructor in geology at the University of California in Berkeley.

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House Committee Reports On ESSA Appropriations

The House Appropriations Committee has reported a bill to provide a total of \$196,750,000 for ESSA in Fiscal Year 1971. This amount is \$11,420,000 less than the budget request, and \$28,400,000 more than the House has appropriated for Fiscal Year 1970.

The House recommendations now go to the Senate for consideration. Excerpts from the House Report follow:

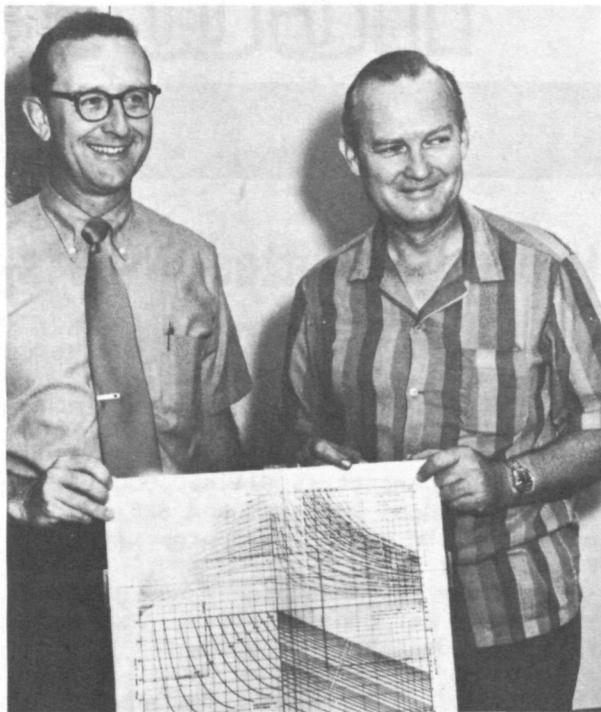
SALARIES AND EXPENSES - The sum of \$140,000,000 is included in the bill for this item. This is \$6,680,000 below the budget estimate and \$9,992,000 over the appropriation for the current fiscal year, including \$8,040,000 for increased pay costs in Title II of the Second Supplemental Appropriation Bill, 1970, as passed by the House. The amount allowed will permit program increases for the highest priority items, especially the nationwide Natural Disaster Warning System (NADWARN).

RESEARCH AND DEVELOPMENT - The bill provides \$27,500,000 for research and development activities of the Environmental Science Services Administration. This amount is \$2,195,000 less than the amount requested for fiscal year 1971. It is, however, \$1,961,000 greater than the appropriation for 1970, including funds for increased pay costs in Title II of the Second Supplemental Appropriation Bill, 1970, as passed by the House. The increase allowed in this item is primarily for research and development related to the nationwide Natural Disaster Warning System (NADWARN).

FACILITIES, EQUIPMENT, AND CONSTRUCTION - A total of \$4,250,000 is recommended for facilities, equipment, and construction in the accompanying bill. This is

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Bottoms Devises Quick Method For Ocean Wave Forecasting



Left to right: Edward Carlstead, Chief, Pacific Region Scientific Services Division, and Jack Bottoms, WBFO Honolulu Forecaster

Jack Bottoms, forecaster at the Weather Bureau Forecast Office, Honolulu, has devised a convenient and rapid method to compute the nature of wind-generated waves and the resulting swell in the open ocean. The wave and ocean swell computing board consists of a set of nomograms from the U.S. Navy Oceanographic Office Publication H. O. 601 encased in plastic with two cursors for easy reading. After the forecaster has determined the wind patterns in the wave generating areas of the ocean, four progressive steps on the board provide initial wave heights and forecast characteristics including travel time and decay of swell waves expected to hit the beaches.

ESSA Appropriations (continued)

\$1,725,000 less than the total requested for this item.

SATELLITE OPERATIONS - Also provided in the bill is \$25,000,000 for expenses necessary to observe environmental conditions from space satellites, and for the reporting and processing of the data obtained for use in environmental forecasting.

Hurricane Information Centers To Operate During Emergencies

The ESSA Public Information Office, in cooperation with the Weather Bureau's Emergency Warnings Branch, the National Hurricane Center, and Regional Offices, will activate temporary Hurricane Emergency Information Centers (HEIC) throughout cities threatened by hurricanes this year.

The concept of these Centers, manned by HEIC information officers, is to provide a focal point for the media to obtain a constant flow of official, accurate, up-to-the-minute news, radar pictures, interviews with key Weather Bureau personnel, and safety information, yet not interfere with the critical operations of the Bureau during the time of emergency.

The information officer, acting under the direction of the local meteorologist in charge or official in charge as a liaison between the news media and the Weather Bureau Office, will assist in the immediate distribution of all advisories, bulletins, local statements, and other storm information to media representatives, as well as responding to requests by telephone from outside the area of concern.

Following the passing of the hurricane, the HEIC will be deactivated, except in cases where post-storm flood conditions appear to be a threat. In such instances, the HEIC will remain operational.

Weather Bureau To Support Powder Puff Derby

Arrangements are being made for Weather Bureau support to the 24th Annual Powder Puff Derby to be held July 3-7. The route to be flown by contestants this year will be from Monterey, Calif., to Bristol, Pa.

C&GS Deputy Director (continued)

He is a member of a number of professional organizations, including the Marine Technology Society and the American Geophysical Union, and a Fellow of the Geological Society of America and the American Association for the Advancement of Science. Among the awards received by Dr. Lill is an honorary doctor of science degree from the University of Miami.

The new Deputy Director will be sworn in at ESSA headquarters, May 19.

ESSA Teams Take Safety Message to the Public

SKYWARN teams from the ESSA Office of Public Information and the Weather Bureau are taking the case for natural disaster preparedness directly to the people along the East and Gulf Coasts.

Meeting with managements of major newspapers, radio and television stations, they are carrying this message: Please help the public prepare for hurricane and tornado disasters through extensive exposure of the safety rules.

Discussions with media representatives are underway by the Office of Public Information, local meteorologists in charge, regional user representatives and state climatologists. They are designed to achieve the best possible communication with the public before, during, and after hurricane and tornado outbreaks.

Meetings were held in Jacksonville, Tampa, and Tallahassee, Florida; Mobile, Alabama; and New Orleans, Louisiana, this week, with a high degree of traditional media cooperation evident.

Meetings are scheduled for Corpus Christi, Brownsville, and Galveston, Tex., next week. A second series of sessions, covering Savannah, Georgia; Charleston, South Carolina; Wilmington, North Carolina; Norfolk, Virginia; Philadelphia, Pennsylvania; Boston, Massachusetts; Providence, Rhode Island; and Portland, Maine, will be held in June.

Maish and Hessler Honored by Soviet Sciences Academy

Michael Maish and Dr. Victor Hessler, two Antarctic scientists from ERL, are the first American recipients of the 150th year medal of the discovery of the Antarctic continent, awarded by the U.S.S.R. National Academy of Sciences. The medal commemorates the voyage of Fabian Gottlieb Von Bellingshausen from 1819-21. Mr. Maish, an ERL physicist, wintered at the Soviet base Vostok during 1968-69 as an exchange scientist. While at the Moscow headquarters of the Interdepartmental Committee for the Study of Antarctica, he was formally presented the medal in recognition of his work in the Antarctic and as an expression of international scientific cooperation. Dr. Hessler, professor emeritus from the University of Alaska and guest worker at ERL, was recognized for his extended cooperative research program at Vostok in-

C&GS Commended by FAA for Air Traffic Control Assistance

The Coast Survey has been commended by the Federal Aviation Administration for its assistance in implementing a major change in the air traffic control procedures for the New York metropolitan area. The procedures, called Metroplex, are to become operational, June 25.

In a letter to Coast Survey Director Rear Admiral Don A. Jones, George M. Gary, Director of the FAA's Eastern Region, said: "The assistance rendered by the personnel of your agency was vital in preparing for the successful implementation of our plan. The preparation of many video maps for our radar systems throughout the FAA Eastern Region was a major contribution in permitting us to meet our planned implementation date." The FAA official said air traffic personnel "unanimously endorse the Coast and Geodetic Survey's prepared maps as substantially superior in quality and accuracy over our previous video maps."

Singled out for special praise were the following personnel of the Coast Survey's Office of Aeronautical Charting and Cartography headed by Associate Director Frederick O. Diercks: Albert O. Schmitz, Willard C. Ward, Donald J. Rahn, Joseph F. Wilson, Glen Lee, George V. Thomas, and Daniel Klein.



Left to right: Dr. Victor Hessler, Michael Maish, Dr. Wilmot N. Hess, ERL Director, and Alan H. Shapley, the laboratories' Antarctic Coordinator.

vestigating rapid variations in the earth's magnetic field. Dr. Hessler's medal was given to Mr. Maish during his Moscow visit.

Federal Paperwork Nominees Sought

The Department of Commerce is soliciting nominations for the Sixth Annual Federal Paperwork Management Awards. These awards are given to one or more managers in the federal government to recognize and stimulate outstanding leadership and professional excellence in promoting effective management of the government's paperwork. "Paperwork" as envisioned by the awards program covers the totality of recording activities from creation, through arrangement and use, to final preservation or destruction. It covers every type of recording media, including paper, microfilm, and magnetic tape. All employees of the Legislative, Judicial, and Executive Branches of the federal government are eligible. Nominations must reach the Employee Relations Branch, ESSA Personnel Division, no later than June 10 to meet the Commerce Department's deadline.

ESSA Club Events Scheduled

The ESSA Employees Association of the Washington, D.C., area has reserved the facilities of Camp Greentop in the Catoctin Mountain Park near Thurmont, Md., for the Memorial Day weekend, May 29-31. For reservations call Mrs. Cook, IDS 14-68243.

The Association's annual picnic is scheduled for Sunday, June 14, at the Carderock picnic area on the Potomac River. Tickets will be available soon.

Waite Appointed Adjunct Professor

Paul J. Waite, ESSA State Climatologist for Iowa, has been appointed Adjunct Professor of Geography and Geology at Drake University, Des Moines, Iowa. This designation is reserved for those teachers who bring special distinction to the school. Mr. Waite has been a part-time lecturer in climatology and meteorology for a number of years.

Hoover, Retired WB Employee, Dies

Robert Hoover, who retired as meteorologist with the Washington Weather Bureau Forecast Office last year, died May 5. Mr. Hoover served at the Washington WBFO for more than 25 years.

Fidler Is FAA Academy Instructor

James C. Fidler, meteorologist in charge of the Weather Bureau Station at Austin, Tex., has been selected to fill the Weather Bureau position at the Federal Aviation Administration's Academy, Oklahoma City. Mr. Fidler, a recent graduate of the Miami University of Ohio with a master's degree in Aerospace Education, will instruct air traffic control trainees and other FAA personnel in advanced aviation weather. During his Austin assignment, Mr. Fidler has served the Weather Bureau as its stateside representative for user requirements and as state-level representative to the Texas Aeronautics Commission.



Length-of-Service Awards

The following employees of the Coast Survey's Pacific Marine Center were honored for years of government service completed in 1969 at an Annual Awards Presentation ceremony:

Pacific Marine Center

Clarence Pedersen - 35 years. F. W. Hubbard - 25 years. Graham Mathes - 20 years.

USC&GSS DAVIDSON

Henry E. Mowbray and William H. Piottter - 25 years.

USC&GSS OCEANOGRAPHER

John Brewington - 20 years

USC&GSS PATHFINDER

Melvin Lang and Eugenio Roiles - 25 years

USC&GSS SURVEYOR

Benjamin Hoskins - 25 years

Seismological Field Survey

Nina Scott - 30 years

Items to be considered for ESSA NEWS must be received by Monday for publication the following Friday. Send material to: Office of Public Information, ESSA, Room 804, Bldg. 5, Rockville, Md. 20852. Phone (301)496-8243

National Oceanic and Atmospheric Administration

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