



ESSA NEWS

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LASER GEODIMETERS SPEED SURVEYING

Two Coast Survey transcontinental traverse teams-- one at Great Falls, Mont., headed by Lt. L. M. Larese-Casanova, and one at Spokane, Wash., headed by L. Gilbert Burdine-- are using lasers for cross-country surveying. The use of laser Geodimeters has enabled survey teams to expand by 20 to 50 percent the amount of terrain covered and to increase their accuracy. These improved instruments will be employed next fall for the first time in a metropolitan area when a survey is made of urban areas around Washington, D.C. They will be used primarily at night and to a limited extent during the day. Unlike the old Geodimeters, those equipped with lasers will be able to overcome interference from city lights at night.

NESC EXPERIMENTS TO BE TESTED ON NEW NIMBUS

NASA has approved a replacement for the polar-orbiting Nimbus B experimental weather satellite, which was intentionally destroyed in May when it veered toward the mainland from its intended course only 120 seconds after launch. The principal meteorological objective of Nimbus B2, scheduled for launch in the spring of 1969, is to obtain data from advanced sensors to demonstrate the infrared sounding techniques for the determination of temperature profiles. One of the major concerns is the testing of advanced meteorological sensors designed by NESC for operational use on future ESSA spacecraft.



Dr. Robert M. White, ESSA Administrator (right), presents Dr. Werner A. Baum, former ESSA Deputy Administrator (center), with gifts at a farewell reception, June 26. Mrs. Baum is at left.



MAJURO OIC NAMED

James L. Pruter is the new official-in-charge of the Weather Bureau airport station at Majuro, Marshall Islands, Pacific Trust Territory. Most recently assigned to the WBAS Lihue on the island of Kauai, Mr. Pruter entered the Weather Bureau in 1957 and spent his first ten years with the Fairbanks and Annette, Alaska, weather stations.

DR. WRIGHT LEAVES ESSA POST

Dr. William V. Wright, who came to ESSA as Director of the Office of Science and Engineering in April 1966, and was named Special Assistant to the Administrator for Science and Engineering in September 1967, has resigned to return to private industry in California. Prior to his ESSA appointment, Dr. Wright was vice president of Electro Optical Systems, Inc., at Pasadena, Calif. He holds both bachelor and doctoral degrees from the California Institute of Technology, and is a member of numerous scientific and professional organizations.

C&GS STUDIES POTENTIAL QUAKE DAMAGE

The C&GS Geophysics Research Group is studying the possible earthquake damage to residential structures in California, under a contract from the Department of Housing and Urban Development. The study will provide estimates of the damage that might be caused by a maximum earthquake and of the damage that can be expected over a long time span.

SAN FRANCISCO WB IN NEW QUARTERS

Dr. George P. Cressman, WB Director, is scheduled to attend the dedication of the new Redwood City, Calif., quarters for the San Francisco WB Forecast Center on July 17. The Center is moving from its old airport location to Redwood, about 10 miles south.

SMITH TO HEAD NORFOLK WEATHER STATION

Hurtis Smith has been named meteorologist-in-charge of the Norfolk Weather Bureau airport station, replacing Glen V. Sachs, who is now at Indianapolis, Ind. Mr. Smith joined the WB in 1956 at the National Meteorological Center, and has also served at New Orleans, the Washington, D.C., Forecast Center, and Columbia, S.C., before transferring to Norfolk as the station's principal assistant in 1966.

YEAGER APPOINTED PEIRCE C.O.



Lt. Cdr. J. Austin Yeager has been appointed commanding officer of the USC&GS Ship PEIRCE, succeeding Lt. Cdr. Charles K. Townsend. Lt. Cdr. Yeager joined the Coast Survey in 1959 following graduation from Auburn University with a civil engineering degree. He was awarded a master's degree in 1966 from Purdue University. Prior to his new appointment, he was chief of the Satellite Triangulation Division, Coast Survey headquarters.

CALDER JOINS AIR POLLUTION RESEARCHERS

Kenneth L. Calder, who is internationally known for his work in the field of atmospheric diffusion, has joined the meteorology program of the National Center for Air Pollution Control (NCAPC), Cincinnati, Ohio. The meteorology program is staffed with personnel assigned by ESSA. As chief research scientist, Mr. Calder will guide and direct research programs related to atmospheric processes and air pollution problems. He has been employed by the U.S. Army as senior research mathematician since 1954. He headed the British Meteorological Office's Meteorological Division at Porton, England, for several years.



A conference for WB Central Region new or recently reassigned MIC/OICs was held at Kansas City, Mo., June 26-28. Standing (left to right), Clyde H. Downes, MIC Evansville, Ind.; Glen V. Sachse, MIC Indianapolis, Ind.; Roy L. Fox, Director, Central Region; Frederick H. Day, OIC Sault Ste. Marie, Mich.; Paul B. Holcomb, MIC Sioux City, Iowa; and Clarence A. Wardman, MIC Alpena, Mich. Seated (left to right), Kelly F. Anderson, OIC LaCrosse, Wis.; Warren O. Eckert, OIC Goodland, Kans.; Barbara J. McKain, MIC Norfolk, Nebr.; Jesse J. Halsey, OIC Ft. Wayne, Ind.; and Eugene V. Nelson, MIC Valentine, Nebr.

BRAZILIAN WEATHERMAN VISIT FLORIDA OFFICE



Representatives of Brazil's National Meteorological Services are briefed on meteorological instrumentation for agricultural weather data collection at the WB's Agricultural Weather Service Office, Quincy, Fla. Left to right: Eugenio Nunes de Souza, chief, 6th Brazilian Regional Meteorological District; Maurillo Sampaio, chief, Division of Applied Meteorology; Alberto Villas Boucada, chief,

5th Regional Meteorological District; Jose Alves de Santanna, meteorologist; Augusto do Nascimento Filho, chief, Forecast Division; D. R. Davis, area agricultural meteorologist, WBASO, Quincy; and M. N. Rosenblatt, ESSA Office of International Affairs.

HEADQUARTERS BLOOD DONORS EXCEED QUOTA

ESSA employees in the Washington, D. C., area donated 585 pints of blood during FY '68 as part of the blood donor program, attaining 100.8 percent of their quota. This is the third consecutive year that the ESSAites have gone over the top.

SERVICE AWARDS

The following WB Eastern Region employees were eligible for length-of-service awards during the month of June: 30 years - Dominic J. Gaudio, ERH. 25 years - Richard A. Foster, Youngstown, Ohio; Donald W. Maurier, Washington, D.C.; and Richard H. Rausch, Buffalo, N.Y. 20 years - George J. Ogden, ERH; and Paul J. Rhodes, Greenville-Spartanburg, S.C.

PATHFINDER CREW MEMBER RETIRES

Chief Paul M. Mears, of the USC&GSS PATHFINDER, has retired from the Coast Survey after 38 years of service. In a retirement ceremony aboard the ship, Chief Mears received an engraved ship's clock and an honorary PATHFINDER Plank Owner Certificate from Capt. G. L. Short.

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 804, Bldg. 5, Rockville, Md. 20852. Phone (301) 496-8243.

National Oceanic and Atmospheric Administration

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