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FIFTH ESSA SATELLITE LAUNCH SET

The fifth ESSA weather satellite, equipped with two Advanced Vidicon Camera Systems for global weather coverage, is scheduled to be launched Apr. 19. NASA will launch the spacecraft from the Western Test Range. Like ESSA 3, the new satellite contains an array of atmospheric radiation sensors to gather information for research on the earth's heat balance.

AGU - AMS TO HEAR ESSA PAPERS

Sixty-nine ESSA scientists have authored or co-authored papers for presentation at the 48th annual meeting of the American Geophysical Union, to be held jointly with the American Meteorological Society Apr. 17-20 in Washington, D. C.

David S. Johnson, NESC Director, will address the opening session on the subject of "The Use of Space Technology in the Observation of Man's Environment." Eight ESSA officials will chair technical sessions.

DR. WHITE NAMED TO INTERAGENCY AVIATION GROUP

The Secretary of Commerce has appointed Dr. Robert M. White as the Department's member of the Interagency Group on International Aviation. Dr. White succeeds Alan S. Boyd, who is now Secretary of the Department of Transportation. Director of Aviation Affairs N. A. Lieurance will serve as Dr. White's alternate, and Paul H. Peridier, Office of International Affairs, is his liaison officer.

C&GS TAKES TO THE AIR

Two C&GS air photographic missions are now in operation, using leased aircraft piloted by ESSA commissioned officers. The aircraft are working in the southeastern United States, photographing airports and coastal areas for the Survey's charting programs.

NEW AGRICULTURE PLAN PUBLISHED

A revised Federal Plan for a National Agricultural Weather Service, prepared by the Weather Bureau in cooperation with the Department of Agriculture, was released to the public today. The plan proposes a nine-phase expansion of agricultural weather service to cover the entire Nation. Such service is now available in twelve areas of the United States.

C&GS HOSTS SYMPOSIUM ON SEA LEVEL

C&GS was host to a 10-nation "Symposium on Mean Sea Level," held at the National Academy of Sciences in Washington, Apr. 13-15. Brazil, Canada, England, Finland, France, Germany, Japan, Italy, the Soviet Union, and the United States were represented at the symposium which was co-sponsored by the International Association of Physical Oceanography, UNESCO, and the American Geophysical Union. Steacy Hicks, chief of the Oceanography Division, was chairman of the local arrangements committee, assisted by William Shofnos, Frances Mayhugh, Janet Maltbie, David Dressel, Douglas Martin, and Clem Arens.

KOREAN LEARNS FREQUENCY MANAGEMENT AT ITSA

Song Yong Cho, of the Republic of Korea, has completed eight weeks with ITSA, where he studied and observed aspects of radio frequency management. He is chief of the technical standards branch of the Republic's Radio Regulatory Office and is in the United States under a fellowship from the International Telecommunications Union.

RAINFALL DATA FURNISHED FOR CANAL STUDY

The Weather Bureau's Office of Hydrology is providing rainfall frequency data and estimates of probable maximum precipitation for northwest Colombia to the Corps of Engineers for use in investigations relating to the proposed new interoceanic canal.

TRANSCONTINENTAL DATA-RETRIEVAL TESTED

The Environmental Data Service is cooperating with the National Oceanographic Data Center and the Systems Development Corporation (SDC) of Santa Monica, Calif., in an experiment to test and evaluate rapid long-distance retrieval of oceanographic and marine meteorological data from SDC's time-sharing, random-access computer at Santa Monica.

U.S.-JAPAN COMPARE ROCKET INSTRUMENTATION

Ten pairs of Japanese and U. S. meteorological rockets were launched from Wallops Island, Va., between Mar. 31 and Apr. 6. ARCAS rocket systems -- prepared, fired, and tracked by the WB Wallops Support Facility -- were launched simultaneously with Japanese MT 135 rockets, to compare and cross-calibrate the instrumentation and to obtain data on day-night differences in wind and temperature at altitudes from 20 to 60 kilometers. Japanese agencies participating in the project were the Science and Technology Agency and the Meteorological Agency.

HARRISBURG MAN PREDICTS 1967 RIVER FLOW

On Apr. 4, the River Forecast Center at Harrisburg issued a prediction of the annual mean flow for the Susquehanna Basin at Harrisburg, and the Delaware at Trenton. This new service is based on research by hydrologist in charge O. D. White, relating the hydrologic index at the end of March to the mean streamflow for the calendar year.

ITSA SCIENTIST HEADS DENVER AMS BRANCH

Dr. Bradford R. Bean, chief of ITSA's Radio Meteorology Branch, has been named president-elect of the Denver branch of the American Meteorological Society. Dr. Bean's one-year term of office will begin in September.

JET ENGINE SWALLOWS GHOST WITHOUT ILL EFFECT

In a test at the U. S. Naval Air Turbine Test Station, an instrument package for use in the GHOST (Global Horizontal Sounding Technique) program was ingested by a turbojet aircraft engine with no visible change in engine performance. The test was conducted by the FAA in cooperation with ESSA, the Navy, and the National Center for Atmospheric Research. Final results will help determine whether GHOST balloons and their electronics packages can be flown at air traffic altitudes.

WEDDING BELLS ON THE OCEANOGRAPHER

In the first recorded wedding on a C&GS research ship, Miss Marcia Z. Peacock and Samuel Brown, Jr., said "I do" March 25 aboard the USC&GSS OCEANOGRAPHER. The groom is chief electrician on the OCEANOGRAPHER, which left Jacksonville Mar. 31 for an eight-month global research expedition.

WB LABORATORY REORGANIZES

The Techniques Development Laboratory of the WB Systems Development Office has been reorganized into the following units (names of branch and section chiefs are in parentheses): Aviation Prediction Branch (Roger Allen), Enroute Weather Section (DeVer Colson), Terminal Weather Section (John Keaty); Computer Systems Branch (Frank Lewis), Computer Services Section (George Casely); Objective Forecast Branch (Dr. H. R. Glahn), Empirical Techniques Section (Donald Jorgensen), Numerical Prediction Section (Dale Lowry), Marine Techniques Section (N. A. Pore); Special Projects Branch (Dr. M. A. Alaka), and Mesoscale Weather Section (Donald Gales). Dr. William H. Klein is head of the Techniques Development Laboratory.

STUDENTS EARN COLLEGE CREDITS ON C&GS SHIPS

A new work-study agreement between C&GS' Pacific Marine Center and Seattle's Shoreline Community College gives students of the junior college the opportunity to train as oceanographic technicians aboard Survey vessels. Eight students are now aboard the USC&GSS HODGSON, LESTER JONES, and PATTON for six months of hydrographic and related work in Puget Sound and Alaskan waters. The students draw seamen's pay of \$4411 a year and receive college credit for the time spent at sea.

WANT YOUR SHARE OF FREEDOM?

A United States Savings Note, known as a "Freedom Share," will be available beginning May 1. The Freedom Share will be sold only through regular payroll savings plans and only in combination with the purchase of Series E bonds in the same or larger face amounts. The new security will earn 4.74 percent interest when held to maturity of 4½ years. It must be held for one year before it can be cashed.

WESTERN REGION OFFICIAL RETIRES

Arthur C. Erdahl, chief of the Procurement and Supply Section at WB Western Region Headquarters, retired Apr. 8, after 25 years' Federal service. Mr. Erdahl began his Bureau career at Yakima, Wash., in 1942.

SERVICE AWARDS

Length-of-service awards are due in April to the following employees of the WB Central Region. 30 years - Escal S. Bennett, Indianapolis; Sheldon J. Pierce, Indianapolis; Wendell E. Cowdric, Kansas City; Ivory P. Rennels, Sioux City; Earl E. Nichols, Valentine, Nebr.; and Jesse J. Halsey, Ft. Wayne. 25 years - William M. Troxler, Sheridan, Wyo.; Meredith Wingert, Minneapolis; Arnold H. Johnson, Minneapolis; Nielo K. Lampi, Minneapolis; Luke S. Kunkel, Norfolk, Nebr.; Kelly F. Anderson, Rochester, Minn.; Kenneth B. Cochran, St. Louis; Jane L. Brown, Kansas City; John C. Stokes, Alamosa, Colo.; and Arwin C. Hoge, WBFC Chicago. 20 years - Robert G. Fleming, Jr., Des Moines. C&GS Mid-Continent Field Office employees eligible for service awards are Everett M. Hester, 25 years, and Ralph Pekinpaugh, 20 years.

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National Oceanic and Atmospheric Administration

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