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WB FORECAST REORGANIZATION PLAN ANNOUNCED

An outline of the major aspects of a new, long-range forecast reorganization program in the Weather Bureau has been announced recently by WB Director George P. Cressman. In announcing the plans for the new forecast organization, Dr. Cressman said: "We want to have the best possible product at the minimum possible cost in both personnel and funds."

The essential feature of the new planned program consists of a flow of forecast information directly from the National Meteorological Center, the National Hurricane Center, and the National Severe Storms Forecast Center to newly designated Weather Forecast Offices which will prepare and issue forecasts for public use.

The changes are made possible by the advances in techniques and skills made at NMC in the past ten to fifteen years. During this time, the roles of the NHC and NSSFC have also changed as a result of their successful forecast specialization.

A goal for the establishment of 50 Weather Forecast Offices within five years has been set. Presently, there are 24 area forecast centers which can be considered as WFO's under the reorganized structure. It is planned to establish the remaining 26 at the rate of about five each year for the next five years. It is estimated that reprogramming of present resources will enable the Weather Bureau to designate six to eight new WFO's within the next year and a half.

The functions of warning coordination, area-wide forecasts for aviation, and quality control will be undertaken by Regional Weather Centers to be designated by the end of the five-year period.

The remainder of the existing Weather Bureau operating locations will be designated as Weather Service Offices. There will be about 200 WSO's. The service offices will disseminate the forecast products from the WFO's to the users and will also take weather observations. They will have the responsibility for issuing warnings based on known weather hazards and for localizing the WFO zone forecasts. Some WSO's will retain key roles in special agricultural and fire weather programs. A number of meteorologists will be retained at selected WSO's, usually in the larger cities, to carry out special service programs. Many of the WSO's will be headed by Officials in Charge selected from the meteorological

technician series of Weather Bureau employees.

In addition to improved quality and timeliness of the forecasts and warnings, the reorganization will provide round-the-clock meteorologist coverage at more than 50 locations as opposed to about 30 today. Career opportunities for meteorologists will be improved by the increase in the number of locations with a full staff of meteorologists. The meteorological technician career ladder will be expanded by opening the position of Official in Charge to meteorological technicians at many Weather Service Offices.

PATHFINDER COMMAND CHANGES



Cdr. Alfred C. Holmes has been named commanding officer of the USC&GS Ship PATHFINDER, succeeding Capt. John O. Phillips, and Lt. Cdr. James S. Midgley has been appointed the ship's executive officer. Cdr. Holmes joined the Coast Survey in 1949 following graduation from Oregon State University. He served on the USC&GS Ships PIONEER and SURVEYOR; as commanding officer of the LESTER JONES; on geodetic survey parties; and at Coast Survey offices in Portland, Oreg.; Kansas City, Mo.; Washington, D.C.; and Rockville, Md. Prior to his new assignment, he was executive officer on the SURVEYOR.

Lt. Cdr. Midgley joined the Coast Survey in 1959 following graduation from the University of Massachusetts with a civil engineering degree. He has served aboard three Coast Survey vessels, including command of the USC&GS Ships WAINWRIGHT and HILGARD. Lt. Cdr. Midgley now heads the Coast Survey's National Tsunami Warning Center in Honolulu.

AGU MEETS IN WASHINGTON

More than 50 papers presented at the annual meeting of the American Geophysical Union in Washington, D.C., Apr. 8-11, were authored or co-authored by ESSA scientists. Charles A. Whitten of C&GS, AGU general secretary, spoke at the opening session, summarizing the Union's activities during the past year. Leroy R. Alldredge (ERL) and Leonard M. Murphy (C&GS) were members of the committee on the meeting, while Bernard H. Chovitz (C&GS) served as program chairman for geodesy, and Kendall L. Svendsen (C&GS) as program chairman for geomagnetism and aeronomy. Mr. Whitten, W.S. Barney (ESSA), Max Kohler (WB), Sigmund Fritz (NESC), Lynn Sykes (ERL), and J. Murray Mitchell, Jr. (EDS) chaired individual sessions.

DAVIS TO HEAD MACON WEATHER STATION



Samuel C. Davis has been named Official-in-Charge at the WB Airport Station in Macon, Ga. The Macon OIC position is one of several such posts which have been opened recently to meteorological technicians under a new Weather Bureau policy. Mr. Davis, currently the principal assistant at WBAS Savannah, will report to Macon, Apr. 22. A Navy veteran, he has been with the Weather Bureau for nearly 21 years. He was assigned to Savannah in 1947 and became principal assistant there in 1967.

RADAR CLIMATOLOGY COMPUTERIZED

Marian Peleski, of the Pittsburgh WSR-57 Radar Unit, has completed a computer program for a radar climatology project, which was successfully tested at the River Forecast Center in Cincinnati. She is now testing a new program to utilize disk storage for use in compiling radar climatology for other WSR-57 radar stations.

ON-THE-JOB TRAINING AT ESSA

Shown with Guy H. Dorsey, ESSA Personnel Officer (lower right) and Harold F. Sylvester, ESSA Personnel Division (upper left) are 14 office worker trainees recently employed by ESSA, who are participating in an intensive classroom and on-the-job training program designed to prepare them for permanent government positions. Front row, left to right: Estelle Cartlidge, Erma McCoy, Ann Cato, Glenda Scoggins, Valerie McCall, Maggie Watson, Charlotte Belt. Back row: Audrey Alston, Linda Phifer, Patricia Wigglesworth, Donna Woodard, Joyce Pointer, Adelaide McCoy, Ida McCoy. Not shown - Dorothy Stevenson.



MASS. COAST TO BE SURVEYED



The USC&GS Ship PEIRCE, commanded by Lt. Cdr. Charles K. Townsend, will initiate a six-month survey of the Massachusetts coast this month as part of a five-year program begun last year. The survey will include detailed measurements of the harbors at Beverly and Salem, and will embrace all other harbors along the coast as far as Cape Cod by the time it is completed in October. Operating both from the ship and from launches, the hydrographers will measure and record ocean depth to determine the shape and slope of submerged elevations. The data obtained in the survey will be incorporated

in a new small craft chart of the area which is scheduled to be issued in 1969.

VHF WEATHER PAMPHLET OFF THE PRESS

A two-page pamphlet titled "ESSA VHF Radio Weather," describing a new and expanding service developed by the Weather Bureau as part of the nationwide Natural Disaster Warning (NADWARN) system, has been published by the ESSA Office of Public Information. ESSA offices and stations can obtain copies of the publication from the ESSA Publications Stock Section, Bldg. 52, Conn. and Van Ness Sts., N.W., Washington, D.C., Code C 4414.

ANOTHER FIRST FOR ATS

The NASA ATS-III satellite has photographed cloud features in active tornado areas of the U.S., enabling satellite scientists to make motion pictures of tornado clouds for the first time in history. Vincent J. Oliver, NESG, alerted NASA 48 hours in advance of the expected tornado activity.

SHALOWITZ HONORED BY UNIVERSITY

Aaron L. Shalowitz, former special assistant to the Director of C&GS, and the author of the two-volume legal-technical treatise Shore and Sea Boundaries, will receive the degree of Doctor of Jurisprudence from Georgetown University in recognition of superior scholastic attainments in the Law School. The honorary degree, to be conferred Apr. 21, will be retroactive to June 8, 1926, when Mr. Shalowitz received his Bachelor of Laws degree.

SIMPLICIO HEADS WMO GROUP

Silvio Simplicio, WB Eastern Region Director, has been appointed Chairman of the Working Group on Qualifications and Training of Aeronautical Meteorological Personnel, of the World Meteorological Organization's Commission for Aeronautical Meteorology.



FORECASTERS STUDY AT WB HEADQUARTERS

Participants in the first in-house training course for forecasters now in session at WB headquarters are (seated) from left: Wendell M. Cook, Salem, Oreg.; James A. Middleton, San Antonio; John M. Porter, WBH; Paul Moore, Honolulu; Warren G. Harding, Great Falls, Mont.; Dr. George P. Cressman, Director, WB; Karl M. Johannessen, Assoc. Director, WB; Julius Badner, WBH; Miss Lorna Ridley, Anchorage; and Capt. Harold D. Woods, Chanute AFB, Ill. (Standing, second row) Jordan Fischler, WBH; Ben Kolker, Buffalo; Arnold H. Johnson, Minneapolis; Donald L. Finch, Anchorage; Philip A. Calabrese, WBH; Emil S. Kurtz, Los Angeles; Dale A. Gaudreau, New Orleans; Charles Hanas, Annette, Alaska; George Mikulan, JFK Airport, N.Y.; George D. Linklater, Detroit; and Thomas C. Beitel, Phila. (Third row) Clinton E. Cosseboom, Pittsburgh; Charles E. Petzhold, Indianapolis; Robert C. Baskin, CRH; Robert B. Caldwell, San Francisco; Jefferson S. Brown, Ft. Worth; David L. Reeves, Louisville; Arthur B. Baskin, Columbia, S.C.; Charles F. Bradley, Birmingham, Ala.; Leo J. Sansregret, Portland, Oreg.; Raymond C. Crooks, Oklahoma City; and Maurice E. Pautz, WBH.

FIRST VOYAGE FOR FAIRWEATHER

The USC&GS Ship FAIRWEATHER, which was delivered to the Coast Survey on Jan. 31, sailed for Seattle, Wash., on Mar. 15, under the command of Cdr. John B. Watkins, Jr. The arrival date in Seattle was scheduled for Apr. 15. The FAIRWEATHER, which has not yet been officially commissioned, sailed with a reduced complement and conducted only a limited amount of work enroute. Delivery of the USC&GSS RAINIER, the third new Class II vessel is scheduled for later in the spring or summer.

JOHNSON WINS PACIFIC OBSERVER AWARD

Robert E. Johnson of WBAS Johnston Island edged out employees at Hilo, Guam, and Honolulu to become the Pacific Region's Observer of the Quarter for the fourth quarter of 1967.

STALLARD TO HEAD MEMPHIS WB STATION

Glenn Stallard, former field director for the ESSA Interoceanic Canal Project, has been appointed meteorologist in charge of the Memphis, Tenn. WB airport station.

TEAGUE HEADS SOUTHERN RADAR PROGRAM

Jack L. Teague has been selected Regional Radar Meteorologist at WB Southern Region headquarters. Mr. Teague, who is transferring from the Fort Worth River Forecast Center, will monitor the region's radar observing, interpretation, and utilization programs. He holds a bachelor's degree in physics and mathematics from Central State College in Oklahoma and did graduate study in meteorology at Texas A&M.

KLAASSE TO CHAIR TSUNAMI GROUP

The International Coordinating Group of the Intergovernmental Oceanographic Commission concluded its four-day meeting in Honolulu on March 28. Highlights of the meeting included the adoption of recommendations concerning communication frequencies, tsunami equipment, World Data Center activities for tsunamis, and ICG membership and observers. Also adopted was an important resolution regarding the establishment of the International Tsunami Information Center and visits by international scientists. J.M. Klaasse, C&GS Associate Director, Seismology and Geomagnetism, who headed the U.S. delegation, was elected to a two-year chairmanship of the ICG, with Prof. G. L. Pickard of Canada serving as vice-chairman. Delegates seated at inner conference table are, from left: G. C. Dohler and Prof. G. L. Pickard (Canada); Cdr. Ronald McIntyre (Chile); Dr. Shigeji Suyehiro (Japan); Dr. A. Y. Takenouti (UNESCO-IOC); and Dr. D. C. Cox (CIG and Pacific Science Association). Not shown is Dr. T. V. Tarbeev, USSR delegate.



FIRE-WEATHERMEN ATTEND WORKSHOPS

Representatives of WB Eastern Region Offices having fire-weather forecast responsibilities attended a workshop at Eastern Region Headquarters, Garden City, N.Y., April 3-5. Participants were: Keith Veigas, ERH; Dwight Stoffer, Cincinnati; Jerry Kapp, Columbia, S.C.; Earnest Rodney, Asheville, N.C.; Roger Frantz, Hartford, Conn.; Cecil Simmons, Harrisburg, Pa.; Monte Glovinsky, Boston, Mass.; Richard Neave, Albany, N.Y.; Harry Swift, WB Headquarters; Roy Simpson, Beckley, W. Va.; Norman Ellis, Raleigh, N.C.; Leo Quintman, New York; John Mayer, ERH; Herbert Groper, Baltimore, Md.; Charles Knudsen and Walter Seibert, ERH.

ESSA 5 TURNED OFF

ESSA 5 was replaced by ESSA 3 on Apr. 3, when high temperatures in the ESSA 5 satellite developed. The spacecraft will be re-activated on Apr. 22, when sufficient cooling is expected.

WALLOPS MEN RUN FOR THEIR LIVES

L. H. Kragler of NESC's Command and Data Acquisition Station, Wallops Island, Va., has established a physical fitness program for the 49 ESSA employees at the station. A measured course for jogging has been laid out to permit each man to gage his progress, and approximately 40 percent of the station personnel are now jogging their way toward increased vitality and a longer life.

BOND DRIVE BEGINS NEXT MONTH

Bernard M. Balona, area manager of the Treasury Department's U.S. Savings Bonds Division, addressed the ESSA headquarters kick-off meeting, in preparation for the bond drive to be conducted throughout the country during May. Mr. Balona emphasized the importance of helping to keep America strong by investing in U.S. Savings Bonds and Freedom Shares. He said that nearly 52 billion dollars has been invested by citizens in bonds and shares, forming a firm financial base for the country's economy. Paul H. Kutschenreuter, Deputy Assistant Administrator for Plans and Programs, will serve as ESSA's campaign vice-chairman. Key men will contact all employees to supply information and advise those desiring to participate.

GEOPHYSICS SEMINARS HELD

Prof. H. Jarosch, Weizmann Institute, Rehobot, Israel; Dr. M. Major and R. Romig, Colorado School of Mines; A. Pope and M. Lawrence, C&GS, were recent speakers at the Geophysics Research Group Seminar.

National Oceanic and Atmospheric Administration

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