

Volume 4

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DR. SIMPSON HEADS HURRICANE CENTER



Dr. Robert H. Simpson is the new Director of the Weather Bureau's National Hurricane Center, succeeding Gordon E. Dunn. Before joining the Center's staff in 1967, Dr. Simpson was Associate Director of the Weather Bureau for Meteorological Operations. He has worked for the Bureau for 27 years and was instrumental in organizing Project Stormfury, the ESSA-Navy program of hurricane-modification research. A native of Texas, Dr. Simpson is a graduate of Southwestern University and received his master's degree in physics and

mathematics from Emory University. His Ph.D. in meteorology was earned at the University of Chicago.

ESSA UNITS MOVE

Several ESSA units in the Washington area will be working in new offices next week. The eleven employees of the National Meteorological Center's Upper-Air Branch have already moved from the Gramax Building to the new Iverson Mall Office Building, 3737 Iverson Street, Hillcrest Heights, Md. The Weather Bureau's Office of Hydrology will move this weekend from the MacArthur Building to the Gramax Building in Silver Spring, where its staff of 65 will occupy offices on the fourth and fifth floors. Also scheduled to move during the coming weekend are three units of the National Environmental Satellite Center -- the Meteorological Satellite Laboratory, the Environmental Sciences Group, and the Office of Operations' Documentation Section. This move, from FOB-4 to the Iverson Mall Office Building, involves a total of 45 employees.

WILSON DIRECTS C&GS OBSERVATORY

Lanny R. Wilson, geophysicist, was appointed chief of C&GS' Magnetic Observatory in Boulder, Colo., on Jan. 3. Mr. Wilson previously served as acting chief of the Observatory. In 1959, he received a bachelor's degree from Kansas State University.

C&GS CHIEF GEODESIST RETIRES



Lansing G. Simmons, chief geodesist of the Coast and Geodetic Survey, retired Dec. 31 after 43 years of government service. Mr. Simmons served with geodetic field parties in nearly all the states and has been a geodetic consultant to other Federal agencies, states, local governments, colleges and universities, private surveying organizations and surveyors and engineers throughout the United States. His most recent responsibilities included technical direction of geodetic surveys in support of the Nation's ballistic missile and space programs. In 1966, he received the Commerce Gold Medal for "rare and outstanding contributions of major significance" to the Department and the Nation.

OCEAN DATA SENT BY SATELLITE

The first experimental transmissions of oceanographic data by a satellite were made in December, using the ATS-1 WEFAX experiment. Sea height and sea surface temperature analyses and prognostic charts prepared at the U. S. Navy Fleet Numerical Weather Facility at Monterey, Calif., were transmitted to remote stations. The data were relayed to the satellite through the ATS control station at Mojave.

EDS ASSISTS PILOT CHART REVISION

EDS is assisting the U. S. Naval Oceanographic Office in revising and updating its Pilot Chart series. This series consists of 69 composite charts of climatic conditions likely to be encountered by the mariner on the oceans of the world. In addition to the climatic data and analyses furnished for the construction of the charts, EDS also provides articles to be used as mapback features.

D.C. WEATHER CALLS HIT NEW HIGH

Calls for the recorded telephone weather forecast in Washington, D. C., reached 537,592 on November 30 - a record for one day as a winter storm dumped from 7 to 13 inches of snow on the Capital area. The previous record number of calls to WE 6-1212 was 500,192 calls on December 13, 1966.

JONES NAMED TO NESC POST

James B. Jones was appointed Chief of the Planning and Coordination Group, National Environmental Satellite Center, on Jan. 2, replacing Bernard Zavos who has accepted a post with the World Meteorological Organization. Mr. Jones recently retired from the U. S. Air Force with the rank of colonel.

C&GS SURVEY AIDS AQUEDUCT PLANNING

Three C&GS survey teams are conducting surveys along the length of a projected 600-mile California aqueduct. A 20-man team, led by C. A. Annis, is surveying in Southern California's Taft-Mojave area to determine whether horizontal earth movements have occurred since the previous survey of 1960. In Central and Southern California, a second field party, headed by Clarence Sims, Jr., is conducting a leveling survey along the west side of the San Joaquin Valley. The third team, a six-man field party under Lt. Carl N. Davis, will begin operations in February at seven smaller sites in Southern California. Coast Survey geodesists will be studying the completed surveys to determine whether they support earlier evaluations that crustal displacements along the faults follow a consistent pattern of movement.

WB REPORTS ON RECORD FLOODS

A 100-page detailed report, titled "The March-May 1965 Floods in the Upper Mississippi, Missouri, and Red River Basins," has been prepared by the WB Office of Hydrology. The report describes some of the weather events which were responsible for the floods, and includes 87 pages of comprehensive maps, graphs, and statistical data.



Dr. George S. Benton, Director, ESSA Research Laboratories, observes as Tom King puts finishing touches on the sign post announcing the new name of the organization, which was recently changed from the Institutes for Environmental Research.

NEW PACIFIC FIELD DIRECTOR APPOINTED



Cdr. Robert C. Munson has been named Pacific Field Director succeeding Captain David M. Whipp, who is retiring after 28 years with C&GS. For the past two years, Cdr. Munson has been on assignment at the graduate school of the Colorado School of Mines. Prior to that, he served as commanding officer of the USC&GS Ships BOWIE, HODGSON and SOSBEE. He also served on the USC&GS Ships EXPLORER, PATH-FINDER, and HYDROGRAPHER and with various field parties in North Carolina, Georgia and Mississippi. Cdr. Munson joined the Coast Survey in 1951 following graduation from Cornell University with a civil engineering degree.

GALLAWA TO TAKE PART IN HIGHWAY CONFERENCE

Dr. Robert L. Gallawa of ESSA's Research Laboratories Wave Propagation Laboratory, Boulder, Colo., will participate in a technical conference session on "The Surface Wave Line for Transportation Communication" at the 47th Annual Meeting of the Highway Research Board of the National Research Council in Washington, D.C., Jan. 15-19. At the Board's annual meeting, research men, administrators, and engineers in the field of highway transportation exchange knowledge, plan future research and evaluate the practical application of current research findings.

TORNADO FILM HAS WASHINGTON PREMIERE

ESSA's new color film "Tornado!" had its premiere showing Jan. 8 at the Smithsonian's Museum of History and Technology. More than 150 representatives of the news media and Commerce and ESSA officials attended the reception and premiere. The 14½-minute film is designed to acquaint the public with the dangers of tornadoes and to emphasize the safety precautions which can reduce deaths and injuries.

Introducing the film, Secretary of Commerce Alexander B. Trowbridge said in part:

"'Tornado!' is one effort in a major Department of Commerce program -- a program designed to keep the Nation as safe as possible from the natural hazards which surround us. Hundreds of Americans die--many needlessly--in natural disasters each year....

"ESSA's most recent advance in this effort is the nationwide Natural Disaster Warning System, a plan born of the 1965 Palm Sunday tornadoes which killed 272 persons and caused more than \$250 million in devastation....

"NADWARN is expected ultimately to halve the annual death toll and cut property losses by as much as \$100 million. It combines

the operational and research facilities of all ESSA elements and those of other public safety agencies to provide the earliest and most comprehensive possible warnings of impending natural violence. It will eventually employ a national network of forecast and communications facilities which will offer 24-hour weather service to every United States community served by a local newspaper, television or radio station....

"However much our government may do in the way of warning against these natural disasters, there is another factor -- one of overriding importance -- in the constant effort to protect ourselves. That is an informed, alert population.

"And this is why 'Tornado!' was made. 'Tornado!'s whole message -- and one we hope will be forcefully impressed upon the minds of millions -- is one of individual preparedness. If it does this, the film will have accomplished its purpose."

Local premieres are being held in selected cities in the Central, Southern, and Eastern Regions during January and early February.

Snapshots at the "Tornado!" premiere



SVENDSEN COMPLETES ANTARCTIC TOUR

Kendall L. Svendsen of C&GS' Geomagnetism Division, who recently completed a six-week tour of the Antarctic, became the first Coast Survey scientist to visit the Russian station at Vostok. Although the stopover was limited to two hours because the plane engines had to be kept running in the 50 below zero weather, Mr. Svendsen was given a warm reception. "The Russians were extremely hospitable," he reports. "They set up a dining table laden with canapes, bite-size sandwiches, caviar, brandy, and vodka." In addition to the stop at Vostok, Mr. Svendsen toured Hallett and inspected magnetic and seismological observatories at Plateau, Byrd, South Pole, and Scott -- a New Zealand station -- on the most extensive Antarctic trip ever made by a Survey representative.

PACIFIC REGION HONORS WEATHER OBSERVER

Flaviano Labaya, meteorological technician at the Weather Bureau Forecast Center, Honolulu, has been named "Observer of the Quarter" for the third calendar quarter of 1967. The Pacific Region gives this award to the meteorological technician with the best observational performance during each quarterly period throughout the year.

GEODETTIC CONTROL PROJECT SET

C&GS will engage in a cooperative geodetic control project with the Geological Survey in the Sweetwater, Tex., area beginning Jan. 15. The C&GS party will provide the required geodetic control, with the Geological Survey providing the photogrammetric identification. The cooperative project is expected to eliminate duplication and insure maximum benefit for funds expended.

HENDRICKS TO SPEAK AT FIRE SCHOOL

Virgil Hendricks, fire-weather forecaster at the Chicago forecast center, will discuss the relationships between weather and forest fires at a fire-behavior school sponsored by the U.S. Forest Service, at Duluth, Minn., Jan. 16-18.

CAPTAIN REED RETIRES

Captain Harry D. Reed, Jr., formerly Chief of the Atlantic Marine Center's Operations Division, retired January 1 after 27 years of service with the Coast Survey. Capt. Reed has served on ships on both the east and west coast, as well as on field party shore assignments throughout the U.S. Prior to his appointment as Operations Officer at the Center, Capt. Reed served as commanding officer of the USC&GSS HYDROGRAPHER.

APPLY NOW FOR UNIVERSITY ASSIGNMENTS

The Office of the Assistant Administrator for Administration and Technical Services has announced that applications for full time university assignments beginning in the fall of 1968 will be accepted for job-related study programs primarily at the graduate level; however, undergraduate assignments will also be considered. All major line components and ESSA staff offices have been notified and are prepared, through their servicing personnel office, to assist supervisors and employees in preparing applications. Those who are selected will receive travel and per diem allowances in addition to salary, tuition, books, and related fees. Applications must be made on ESSA Form 75, and submitted through appropriate channels before January 31, 1968. Additional information concerning the applicant's scholastic record may be required as each component deems necessary. Upon final approval by the Chairman, ESSA Education and Training Committee, each successful candidate will be required to complete Form CD 67, Continued Service Agreement. Details concerning this form may be obtained from the employee's servicing personnel office.

WACO MIC DIES

C. A. Anderson, meteorologist-in-charge of the Waco, Texas, Weather Bureau station, died Jan. 5. Mr. Anderson had headed the station since 1941.

SERVICE AWARDS

The following WB Central Region employees are eligible for length-of-service awards during January: 25 years - Clark Brock, Kansas City. 20 years - Maynard W. Zlomke, North Platte, Nebraska and Francis L. Zillins, Muskegon, Mich.

WB Southern Region personnel eligible for service emblems will be: 40 years - Vernon W. Schaad, Fort Worth, Tex., and James Huff, Fort Smith, Ark. 30 years - Murray W. Smith, New Orleans, La. 25 years - Richard E. Kloss, Albuquerque, N. Mex.; Mabel Tanner, Albuquerque, N. Mex.; Otho Mitchell Eakin, Jr., Fort Worth, Tex.; Julian S. Rowland, Mobile, Ala.; Clyde A. Young, Fort Worth, Tex.; and Melton O. Connell, Waco, Tex. 20 years - Wilbur F. Jackson, Fort Worth, Tex.; Leonard L. Bailey, Miami; and Gilbert R. Clark, Miami.

GOODHEART TO CHAIR INSTRUMENT MEETINGS

A. J. Goodheart, chief of C&GS' Ocean Engineering Branch, will chair two sessions of the fourth national marine sciences instrumentation symposium of the Instrument Society of America at Cocoa Beach, Fla., on Jan. 25. The subject for discussion will be ocean platforms and associated instrumentation.

Employee Leave Record-1968																Annual Leave			Sick Leave			Other Leave		
Name: _____ Hours Annual Leave earned each pay period _____																								
Vacation Dates _____																Earned/Used/Balance			Earned/Used/Balance			Earned/Used/Balance		
Pay Period	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Jan. 13, 1968	Jan. 13, 1968	Jan. 13, 1968	Jan. 13, 1968	Jan. 13, 1968					
Jan 14—Jan 27																								
Jan 28—Feb 10																								
Feb 11—Feb 24																								
Feb 25—Mar 9													Hol											
Mar 10—Mar 23																								
Mar 24—Apr 6																								
Apr 7—Apr 20																								
Apr 21—May 4																								
May 5—May 18																								
May 19—Jun 1													Hol											
Jun 2—Jun 15																								
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Oct 6—Oct 19																								
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Nov 3—Nov 16										Hol														
Nov 17—Nov 30													Hol											
Dec 1—Dec 14																								
Dec 15—Dec 28													Hol											
Dec 29—Jan 11				Hol																				
Totals for end of year																								

If you'd like to keep an up-to-date record of your leave during 1968, you can use the leave record chart printed here. During each pay period, mark the number of hours used with a symbol for the type of leave, as follows: Annual (A), Sick (S), Leave without Pay (LWOP), and Compensatory (C). For example, 8 hours of annual leave taken on January 22 would be entered as "8A" in the space for that day; 8 hours of sick leave would be "8S". At the end of each pay period, under columns headed "Annual Leave," "Sick Leave," and "Other Leave," enter the number of hours of leave earned and the total numbers of hours used for that pay period. Then add "leave earned" to balance entry from the previous pay period and subtract "leave used." Enter the difference in the "balance" column.

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

National Oceanic and Atmospheric Administration

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