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PROJECT STORMFURY PLANS ANNOUNCED



Dr. Gentry

Project Stormfury--an ESSA/U.S. Navy hurricane modification program--will begin its 1968 operations with a dry-run rehearsal Aug. 5-7 from the Roosevelt Roads Naval Station, Puerto Rico. In the rehearsal, a moving hurricane center will be simulated by a circling aircraft for the eyewall practice. A line of cumulus clouds, if available, will be used to simulate the rainband of a hurricane for a practice test of seeding procedures. In the modification experiments, hurricanes are bombarded with silver iodide and measured to learn if the seeding lessens the storms' violence. The areas in which seeding is authorized have been extended this year to permit experiments in the southwestern North Atlantic, the Caribbean Sea, and the Gulf of Mexico. This expansion of the Stormfury experimental area has been made possible by the increasing accuracy of hurricane forecasts, particularly the predictions of storm paths. Until 1967, seeding was restricted to an Atlantic area through which an average of less than one storm passes per year.

From August 5 to October 15, Project scientists, aircraft, and flight crews will be on 48-hour alert for hurricane-seeding missions. The new experiments planned for the 1968 season are seeding of hurricane rainbands and of tropical cumulus cloud lines over the ocean. As many as 14 planes of ESSA, the U.S. Navy, and U.S. Air Force will participate. Dr. R. Cecil Gentry (above right), Director of the National Hurricane Research Laboratory, is Project Stormfury Director.



ESSA and Navy planes on runway before dryrun flights.

POSEY APPOINTED TO PERSONNEL POST



Commander Lavon L. Posey (left) will become chief of ESSA's Commissioned Personnel Branch, succeeding Commander Philip J. Taetz, on Aug. 16. Commander Posey, who has served with the Coast Survey for 13 years, was previously executive officer of the USC&GS Ship PATHFINDER. Other assignments include service on various Survey vessels and at geophysical observatories in Corbin, Va., Honolulu, Hawaii, and Richardson, Tex. The Commissioned Personnel Branch provides information and services to active and retired officers, develops and monitors career programs, counsels corps members, and directs the recruiting and training of new officers.

COAST SURVEY SHIPS PLAN DEMONSTRATION CRUISE

The USC&GSS WHITING and PEIRCE will provide a demonstration cruise for delegates to the Fifth Session of the World Meteorological Organization's Commission for Maritime Meteorology, to be held August 19-31. More than 50 meteorologists, representing many nations, will sail from the University of Rhode Island at Kingston, R.I., to the Woods Hole (Mass.) Oceanographic Institute.

NEW WB FORECAST CENTER DEDICATED



Dr. George P. Cressman, Weather Bureau Director, and Mayor Robert Bury of Redwood City, Calif., participated in the flag-raising ceremony when the San Francisco WB Forecast Center moved to its new quarters on July 17. Also attending the dedication were Hazen H. Bedke, Weather Bureau Western Region Director; Captain Raymond Stone, C&GS West Coast Director; and representatives of the Navy Fleet Weather Central, FAA, Stanford Research Institute, Civil Defense, scientific and civil organizations, and press, radio, and TV. Shown left to right: Linda Richards, Station KRON-TV weathercaster; Mayor Bury, and Dr. Cressman.



COAST SURVEY LIAISON OFFICER NAMED FOR BOMEX

Captain Steven L. Hollis, chief of the Operations and Requirements Division of the Office of Hydrography and Oceanography, has been appointed Coast Survey representative in support of the Barbados Oceanographic and Meteorological Experiment (BOMEX). Captain Hollis will coordinate and monitor all Coast Survey support activities for the project.

RIOTING MAY MEAN REMOVAL

The U.S. Civil Service Commission has asked agencies to notify all employees of the salient provisions of Public Law 90-351, enacted June 19, 1968, which amends subchapter II of Title 5, United States Code. The significant requirements of the statute, as stated in the new section 9313 of Title 5 are:

(a) An individual convicted by any Federal, State, or Local court of competent jurisdiction of

(1) inciting a riot or civil disorder;

(2) organizing, promoting, encouraging, or participating in a riot or civil disorder;

(3) aiding or abetting any person in committing any offense specified in clause (1) or (2); or

(4) any offense determined by the head of the employing agency to have been committed in furtherance of, or while participating in, a riot or civil disorder;

shall, if the offense for which he is convicted is a felony, be ineligible to accept or hold any position in the Government of the United States or in the government of the District of Columbia for the five years immediately following the date upon which his conviction becomes final. Any such individual holding a position in the Government of the United States or the government of the District of Columbia on the date his conviction becomes final shall be removed from such position.

(b) For the purpose of this section, "felony" means any offense for which imprisonment is authorized for a term exceeding one year.

FINGER SERVES ON ICAO PANEL

Frederick G. Finger, chief of NMC's Upper Air Branch, was selected by the Interagency Group on International Aviation to serve as U.S. advisor on meteorological affairs at the first meeting of the International Civil Aviation Organization's technical panel on supersonic transport operations, held in Montreal July 23 - August 3. The panel was established to deal with the technical problems related to the introduction of the supersonic aircraft into commercial service, and is composed of experts nominated by selected countries in international organizations.

FEDERAL JOB HUNTING SIMPLIFIED

Effective July 1, 1968, Standard Form 170 was issued as the new Application for Federal Employment. The new SF-170 is a card form which is to be used as the first step in job hunting. Short and easy to complete, it provides only enough information for a Federal employer to decide whether more information about a particular applicant is needed. When an employer becomes interested in a person who has submitted an SF-170, more detailed information will be requested. This greater detail will be provided by applicants on Standard Form 171, Personal Qualifications Statement, which is basically the same as the retired SF-57. If the employer has no vacancy for which the applicant may possibly qualify, the applicant is spared the work of completing the longer form.

APPLICATION FOR FEDERAL EMPLOYMENT										Budget Bureau Approved 50R-0388			
1. Kind of position (job) you desire					2. Lowest pay or grade you will accept								
					PAY \$		PER		OR GRADE				
3. When will you be available?		4. Are you eligible for veteran preference?		5a. Are you, or have you been, a Federal employee?			b. If "Yes" what kind of appointment do (did) you have?						
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> DON'T KNOW		<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> DON'T KNOW		<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> CAREER <input type="checkbox"/> CAREER-CONDITIONAL <input type="checkbox"/> OTHER <input type="checkbox"/> DON'T KNOW									
6. Are you on a current Federal exam. register? (If "Yes," specify):				7. Will you accept:		8. Where will you accept a job?							
<input type="checkbox"/> YES <input type="checkbox"/> NO				TEMPORARY WORK <input type="checkbox"/> YES <input type="checkbox"/> NO		ANY PLACE IN THE U.S. <input type="checkbox"/> WASHINGTON, D.C. <input type="checkbox"/> OUTSIDE OF THE U.S.							
9. Are you a high school graduate?				10. Schools attended other than high school		Location (State)		Course or Major Studied		Credits Completed		Degree or Certificate Received	
<input type="checkbox"/> YES <input type="checkbox"/> NO										Sem. Hrs. Qtr. Hrs. None		Type Year	
Year													
NAME (Last, first, middle)					<input type="checkbox"/> MR. <input type="checkbox"/> MISS <input type="checkbox"/> MRS.			11. Home Telephone Area Code		12. Social Security Number			
NUMBER AND STREET, R.D., OR POST-OFFICE BOX NUMBER													
CITY, STATE, AND ZIP CODE								13. Business Telephone Area Code		14. Birth Date Month Day Year			
170-101					IMPORTANT—READ INSTRUCTIONS ON CARD ATTACHED ABOVE THE FEDERAL GOVERNMENT IS AN EQUAL OPPORTUNITY EMPLOYER					STANDARD FORM 170 JULY 1968 U.S. Civil Service Commission			



ESSA INTERNS PROFILED

Three management interns and a Federal personnel intern joined ESSA during July. The management intern program's purpose is to develop young men and women with a high degree of management potential for top-level Government positions. The program lasts one year and consists of planned training assignments and projects to meet the individual needs of the intern. The purpose of the Federal personnel intern program is to develop career employees in the personnel field. The two-year program consists of rotational assignments in various aspects of personnel management. Jay Neel became a management intern after graduation from Gettysburg College, where he received a B.A. in English. Catherine Merkel, who received a B.A. in Psychology from the University of Maryland, was formerly an instructor at the Capitol Radio Engineering Institute. Mike Lipson holds a degree in Psychology from the University of Florida, and came to ESSA from the U.S. Public Health Service. Scott Pigg, ESSA's second Federal personnel intern, previously worked for the U.S. Post Office, and has a B.A. in Transportation from the University of Maryland. Left to right, Jay Neel, Catherine Merkel, Mike Lipson, and Scott Pigg.

THREE ELECTED TO MIAMI SCIENCE BOARD

Leonard G. Pardue, meteorologist, National Hurricane Center; Dr. Harris B. Stewart, Jr., Director of the Atlantic Oceanographic Laboratories; and Dr. George H. Keller, Director of the Marine Geology and Geophysics Laboratory, have been elected to the Miami Museum of Science Board of Trustees.



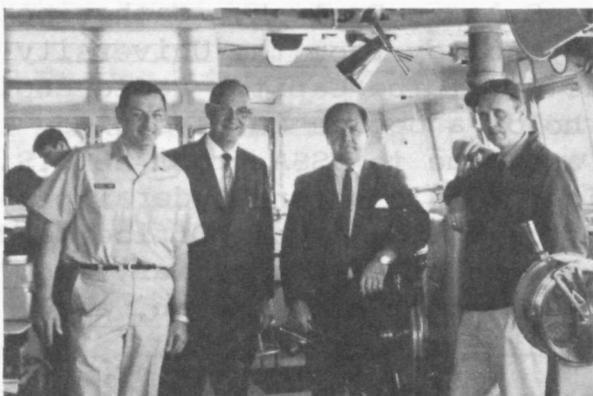
WOOD HONORED FOR AUTHORSHIP

Fergus J. Wood, physical scientist in the Coast Survey Director's office, has received a Certificate of Merit from the Board of Directors of the Dictionary of International Biography, London, England, "for distinguished service through his scholarly and scientific writing." Mr. Wood is the author of 174 articles on the earth and planetary sciences in five leading encyclopedias and reference sources.

NEW INSTRUMENTS PROBE SEA BOTTOM

ERL, C&GS, and University of Illinois scientists have successfully tested newly-developed instruments which analyze the sea bottom in water depths of more than a mile. The tests, which were carried out in Exuma Sound in the Bahamas at a depth of 5520 feet, may help pave the way for habitations and engineering activities on the ocean floor. A 14-foot-high aluminum tower, designed and constructed at the University of Illinois, was lowered from the USC&GS WHITING to the ocean floor to push probes 10 feet into the bottom to study the properties of ocean sediments. Previous studies of this nature have been carried out only in the laboratory on samples taken from the sea floor. Dr. George H. Keller, Director of ERL's Marine Geology and Geophysics Laboratory, and Prof. Adrian F. Richards of the University of Illinois were in charge of the tests.

JOHANNESSEN CONCLUDES ALASKA TOUR



Dr. Karl R. Johannessen, WB Associate Director, toured operational facilities of all five ESSA components on a trip to Alaska during July. During his ten-day stay, he visited the Weather Bureau Office, Annette, Alaska, NESC's Command and Data Acquisition Station, Gilmore Creek, Alaska, IER's Telecommunications Science and Aeronomy Laboratory, Anchorage, Alaska, C&GS's Seismological Laboratory, Palmer, Alaska, and the USC&GS Ship SURVEYOR, which is anchored in Norton Sound off Nome, Alaska. Shown aboard the SURVEYOR are, left to right: Richard B. Perry, Oceanographer; L. R. Mahar, WB Alaska Region Director; Dr. Johannessen, and Captain Harley D. Nygren, SURVEYOR Commanding Officer, who was recently appointed ESSA Associate Administrator.

MITCHELL PAPERS PUBLISHED BY AMS

"Causes of Climatic Change" -- a collection of papers edited by Dr. J. Murray Mitchell, Jr., of EDS -- has been published by the American Meteorological Society in its Meteorological Monographs series. The monograph, authored by 22 specialists in various geophysical disciplines, is an outgrowth of a Symposium on Causes of Climatic Change, held as part of the program of the Seventh Congress of the International Union for Quaternary Research, which met in Boulder, Colo., in 1965. The symposium was cosponsored by the National Center for Atmospheric Research.

GALVESTON WEATHERMEN AID NASA TESTS

An offshore oil rig equipped with weather sensors is providing wind and wave height to Galveston, Tex., Weather Bureau for relay to NASA's Manned Spacecraft Center and for area boating enthusiasts and fishermen. The rig, located about 25 miles from Galveston in the Gulf of Mexico, provides a platform for instruments installed by the Center, whose landing and recovery division is conducting tests in the area.

EARTH SCIENTISTS MEET

ERL's Earth Sciences Laboratory, headed by Dr. Leroy R. Allredge, recently hosted a symposium on earth movement and earthquake research at Boulder headquarters. Participants in the two-day meeting included seismologists and geophysicists from the Coast Survey, Colorado School of Mines, Lamont Geophysical Observatory, Stanford University, and the ESSA Earthquake Mechanisms Laboratory.

SCHMID LAUDED IN SWITZERLAND



Dr. Hellmut H. Schmid (left), Director of C&GS's Geodetic Research and Development Laboratory, received the Brock Award from Dr. Hans Harry, President of the International Society of Photogrammetry, in Lausanne, Switzerland, on July 9, at the Eleventh Congress of the Society. Dr. Schmid was honored for his outstanding application of photogrammetric principles and techniques to satellite geodesy. G. C.

Tewinkel, also of the Geodetic Laboratory, who served as President of Commission III (aerotriangulation) at the Congress, was elected General Secretary of the international society for 1968-72.

BISONE ELECTED ENGINEERING SUBGROUP CHAIRMAN

Edward Bisone, of the WB headquarters' Engineering Division, has been elected chairman of the Washington Chapter of the Geo-Science Electronic Subgroup of the Institute of Electrical and Electronic Engineers. This group is an association of IEEE members interested in electronic systems used for the measurement of geophysical parameters.

SERVICE AWARDS

The following Weather Bureau Western Region employees became eligible for length-of-service awards during July: 30 years - Richard F. Green, Seattle, Wash.; Philip Williams, Jr., WRH; and Carroll A. Elford, Salt Lake City, Utah. 25 years - William B. Downs, Helena, Mont.; Donald A. Williams, Las Vegas, Nev.; Leonard Dahl, Olympia, Wash.; Roy H. Bastian, Stockton, Calif.; William F. Sapp, San Francisco, Calif.; Roland L. Raetz, WRH; Goodwin P. Taylor, Boise, Idaho; Donald R. Hardy, Flagstaff, Ariz.; James W. Steiner, Fresno, Calif.; Gordon Hundebly, San Francisco, Calif.; and Paul C. Kangieser, Phoenix, Ariz. 20 years - Bill B. Anderson, WRH; George V. Dunmire, Salt Lake City, Utah; Robert B. Caldwell, San Francisco, Calif.; and Loren F. Bedford, Seattle, Wash.

WB Southern Region employees eligible for awards during July were: 40 years - Robert S. Murray, Albuquerque, New Mexico. 30 years - Robert S. Allen, Atlanta, Ga. 25 years - Davis Benton, Galveston, Tex.; James C. Hicks, Memphis, Tenn.; Basil A. Nidy, Jr., Montgomery, Ala.; Harry Weber, New Orleans, La.; and Charles R. Hays, Shreveport, La. 20 years - Robert E. Shirtum, San Antonio, Tex.

TWO ESSA EMPLOYEES DIE

Lascellis W. Yates, Jr., aviation forecaster at the WB Forecast Center, Seattle, Wash., died July 22. Mr. Yates joined the Bureau in 1961 after 20 years' service in the U.S. Air Force.

James P. Flowers, USC&GSS HECK chief boatswain, died July 3.

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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