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 news

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## ESSA SCIENTISTS EXPLORE COBB SEAMOUNT



Dr. Robert Burns, director of ESSA's Joint Oceanographic Research Group at the University of Washington, is heading a group of 13 Seattle scientists on an expedition aboard the USC&GS Ship OCEANOGRAPHER to explore the Cobb Seamount, an extinct volcano that rises almost two miles above the sea bottom to within 108 feet of the surface. The seamount is approximately 270 miles off the coast of Washing-

ton and about 360 miles west of Seattle. The scientists, assisted by the vessel's officers, crew, and technicians, will conduct what is considered the most detailed exploration ever made of an under-sea mountain. The topography will be surveyed from above with sophisticated electronic equipment, while teams of divers will explore its ravines and crevices for animal and sea life. Data gathered on the expedition will be made available to the Washington State Oceanography Commission for Project Sea Use which envisions the eventual establishment on Cobb Seamount of a multipurpose ocean laboratory. The expedition is expected to return to Port Angeles on Oct. 12.

## HYDROLOGY GROUP MEETS IN GENEVA

The WMO's Commission for Hydrometeorology (CHy) held its Third Session in Geneva, Switzerland, Sept. 9-21. Participants included William E. Hiatt, WB Associate Director for Hydrology, who was Chief United States Delegate, and Max A. Kohler, WB Chief Hydrologist, who is President of CHy.

## NMC BEGINS OCEAN WAVE PREDICTION



Computer-produced ocean wave forecasts are now being transmitted from the Weather Bureau's National Meteorological Center for use in high seas weather broadcasts and to alert coastal forecasters to the possibility of dangerous breakers and surf. The new ocean wave forecasting program began Oct. 1. The forecasts are based on surface wind predictions supplied by NMC's Six-Layer Primitive Equation Model. Forecasts for 24 and 48 hours include

significant height of wind waves (waves generated by the action of local winds on the water), swell (previously generated wind waves which have propagated out of their generating area), and combined, or overall, wave height conditions. Max W. Mull, chief, Marine Group, Weather Analysis and Prediction Division (left), and Arthur Pore, chief, Marine Techniques Section (right), look on as the first ocean wave forecast chart rolls out of an NMC facsimile machine.

## ESSA PUBLISHES CLOUD CHART

The ESSA Office of Public Information has published a new pamphlet that contains 26 full-color cloud photographs, and can be unfolded and posted as a guide for cloudwatchers in schools or at home. Titled "Clouds," the publication describes the various cloud types and the altitudes where they form, and includes the symbols used on ESSA Weather Bureau maps to indicate cloud types.

## HANDICAPPED WEEK SET

The President's Committee on Employment of the Handicapped has designated Oct. 6-12 as National Employ the Physically Handicapped Week. In making the proclamation, the Committee noted that while much progress has been made, much more remains to be done in this area. ESSA has an exemplary record in the employment of handicapped workers, but should continue to be concerned with what an employee can do rather than what he cannot do and to give handicapped workers a chance to demonstrate their abilities.

## AWARDS MARK AGRICULTURE SERVICE ANNIVERSARY

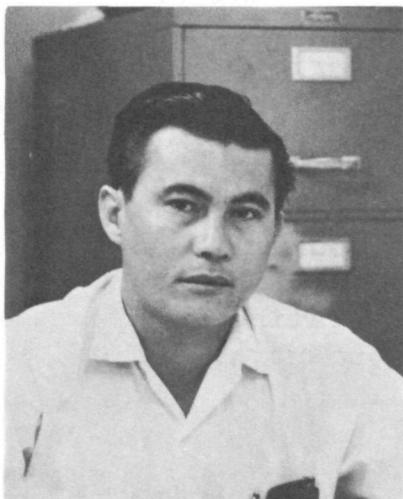
Four men received Weather Bureau Public Service Awards in a ceremony Oct. 3 at Stoneville, Mississippi, marking the tenth anniversary of the beginning of the Bureau's agricultural weather service as a pilot project in the Mississippi Delta. Honored for their contributions to the program's success were Dr. William L. Giles, President of Mississippi State University; Derek Rooke, Farm News Director of WMC radio and television in Memphis; B. F. Smith, Executive Vice President of the Delta Council; and Tom Rear-don, manager of radio station WROX in Clarksdale, Mississippi. Today, the Agricultural Weather Service is operating in 12 areas of the country in which there are valuable concentrations of weather-sensitive crops.

## OUTSTANDING YOC'S HONORED

Fifteen Youth Opportunity Campaign employees in the Washington, D. C., metropolitan area received commendations for outstanding work at ESSA from Theodore P. Gleiter, Assistant Administrator for Administration and Technical Services (left). The outstanding YOC's of 1968 were: Coast Survey - Linda Lee Burroughs, Jay L. Gordan, and Susan Kerdash, Aeronautical Chart Division; Ronald L. Peoples and Clayton R. Powell, Reproduction Division; Michael S. Johnson, Distribution Division. Weather Bureau - Cynthia Proctor, National Meteorological Center, and Marily Torchinsky, Techniques Development Laboratory. ESSA - Margaret M. O'Connell, Jean M. Dunnington, and Loretta A. Frederick, Administrative Operations Division; Fannie Yeh, Personnel Division; Edna Drzcowieki, Finance Division; Jerrilyn Anderson, Budget Division; and Samuel A. Washington, Scientific Information and Documentation Division.



### PEREZ NAMED OIC AT YAP



Francisco T. Perez, Jr., became the new official in charge of the WB airport station at Yap, Caroline Islands, in the Pacific Trust Territory on Oct. 1. Mr. Perez, who has headed the weather station at Truk since May 1967, is the first Guamanian to hold a Weather Bureau OIC position. After joining the Bureau in 1957 as a meteorological technician, he served at various stations in the Pacific as well as tours of duty at the WB Research Stations at Ft. Huachuca, Ariz., and Las Vegas, Nev.

### McNALLY RECEIVES BRONZE MEDAL

Frederick H. McNally, meteorologist in charge of the WB's Rapid City, S. Dak., office, received a Department of Commerce Bronze Medal, Sept. 27, from Roy L. Fox, Director of the Weather Bureau Central Region. Mr. McNally was cited for the timely winter storm warnings issued by his office and for his initiative in working with school, state, and community officials to improve and maintain an effective warning system. A 27-year Weather Bureau veteran, Mr. McNally has been in charge of the Rapid City weather office for 21 years. He has also served at Bismarck, N. Dak., Minneapolis, Minn., and Cheyenne, Wyo.

### MUSEUM DISPLAYS WHISTLER ETCHINGS

The original sketches engraved by James McNeill Whistler on a copper plate for the Coast Survey, including his now-famous doodlings of various figures and heads, are being exhibited at the Freer Gallery in Washington, D. C. The exhibition of 26 drawings and 16 cancelled copper plates will be shown at the Gallery indefinitely.

### SDO BRANCH ESTABLISHED AT STERLING

The Weather Bureau Systems Development Office has established an Observation Techniques Development and Test Branch at the Sterling Research and Development Center, Sterling, Va. Formerly the Observations and Methods Branch, located at the National Aviation Facilities Experimental Center, Atlantic City, N. J., the group will seek to develop and improve weather observing techniques. Branch members include Matthew Lefkowitz, Branch Chief, Robert J. McCann, Frederick C. Hochreiter, and David H. George.

### RIGBY AND FREEMAN LECTURE IN DENMARK

Malcolm Rigby and Robert R. Freeman, of ESSA's Scientific Information and Documentation Division, were lecturers at a seminar on the universal decimal classification in mechanized information retrieval, held Sept. 2-6 at Copenhagen, Denmark, under the sponsorship of the International Federation for Documentation. Mr. Freeman was co-organizer of the seminar, which was attended by more than 60 documentalists from 13 countries. Mr. Rigby also participated in sessions of the WMO Commission for Hydrometeorology at Geneva, Sept. 9-21. During the next four years, he will serve as a Commission Rapporteur, engaged in the development of a WMO guide for using the universal decimal classification in hydrological and meteorological documentation systems.

### KANSAS CITY MAN CONTRIBUTES TO BRITISH BOOK

John S. Smith of the WB's National Severe Storms Forecast Center, Kansas City, Mo., has prepared a study of the Tracy, Minnesota, tornado that will appear in an elementary textbook on meteorology authored by R. J. Chorley of the Department of Geography, Cambridge, England.



### SUPERVISORY COURSE HELD

Twenty-seven Washington-area ESSA employees attended Phase II of the Supervisory Development Course held Sept. 23-27 at Weather Bureau headquarters. Front row: Bernard White, Richard Foster, James Greco, Harry R. Glahn, Merle J. Wagner, Carl Kelley, Terrell Noffsinger, and David Fordham. Back row: William Richardson, John Ohlmacher, Marguerite Wilcox, Lacey Smith, Charles Egger, William Gale, G. Stanley Doore, Catherine Merkel, George Littleton, Jane Hillesland, Glenn Ball, Donald Foster, Henry Eichert, Lloyd Rhine, Arthur Cooperman, John F. Miller, William Paulishak, Jack Campbell, and Charles Muirhead. Dan Bella and Charlie Lee of the ESSA Personnel Division were instructors.

### **C&GS CHART SALES OFFICE MOVES**

The Coast Survey Distribution Division's office in charge of across-the-counter sale of nautical and aeronautical charts has moved from the Commerce Building to Room 230, Building 14, Connecticut and Van Ness Streets, Washington, D. C. Mail orders for charts will still be accepted at the Coast Survey's Chart Salesroom, Room 1225, Main Commerce Building. Other Distribution Division components are expected to move to the new location later in the fall. Telephone number for Frank B. Quirk, Jr., who heads the office, is IDS 154-7066. Price Neal, his assistant, can be reached at IDS 154-7031.

### **CRAFT TO BE ALLENTOWN OIC**

Ashby E. Craft, technician in charge of the Nome, Alaska WB airport station, will become official in charge of the Allentown, Pa., WB airport station on Oct. 28. Mr. Craft joined the Weather Bureau in 1945 after serving three years in the Army. He has served at Cape Hatteras, N. C., Nashville, Tenn., Annette Island, Alaska, and Albany, N. Y. He became technician in charge at Nome in 1956.

### **BOYER ATTENDS LONDON MEETING**

Capt. John O. Boyer, chief of Coast Survey's Marine Chart Division, was a United States representative to the first meeting of the International Hydrographic Bureau Commission held in London, Sept. 10-11. The purpose of the two-day meeting was to study the establishment of an international set of charts.

### **WEATHER FORECAST OFFICE AT DETROIT**

The Detroit Weather Bureau airport station will become the first Central Region Weather Forecast Office in mid-October when it assumes responsibility for preparing basic forecasts covering all of Michigan. Some functions are being shifted from Chicago to Detroit and others from Grand Rapids. Under the Weather Bureau's forecast reorganization plan, there will ultimately be about 50 Weather Forecast Offices, each responsible for basic weather forecasts and warnings over a state-sized area.

### **HAGGARD ATTENDS PARIS DATA-EXCHANGE TALKS**

William H. Haggard, Director of EDS' National Weather Records Center, Asheville, N. C., was one of three United States delegates to the Paris meeting of the Intergovernmental Oceanographic Commission Working Group on Data Exchange, Sept. 23-26.

## HERRICK AWARDED BRONZE MEDAL



Walter A. Herrick (left), official in charge of the Ely, Nev., WB airport station, received a Department of Commerce Bronze Medal on Sept. 19, from WB Western Region Director Hazen H. Bedke. Mr. Herrick was cited for sustained excellence and ability in the management of Ely weather programs.

## ALBUQUERQUE TO BE SURVEYED

Coast Survey engineers Howard W. King and Eugene Beauchamp are conducting a preliminary survey of the Albuquerque, New Mexico, metropolitan and adjacent areas to prepare a working plan surveying the sites and to select the best locations for which geographic positions can be determined accurately and those that can also serve as starting and check points for local surveys. More than 70 geodetic control points will be established next year by a C&GS survey party.

## CANADIAN MAGNETIC DATA ON FILE AT EDS

The Canadian Division of Geomagnetism has agreed to send copies of all of their magnetograms and unpublished data tabulations to the Environmental Data Service's Geomagnetic Data Center. Copies of magnetograms for the Toronto region during the years 1858-1904 already have been received and are now the oldest recordings on file in the Data Center.

## SURVEY SHIP FINDS CAVES ON HAWAIIAN COAST

The USC&GSS McARTHUR, commanded by Cdr. Ronald L. Newsom, has reported the existence of four submarine canyons beneath the sea and hundreds of caves along the shore following a recent survey of the sea floor off the north coast of Molokai Island in Hawaii. The largest cave extended 200 feet inside the Island and was deep enough for the ship's 25-foot launch to navigate. The McARTHUR also discovered a coral-encrusted anchor believed to have been from the wreck of an old sailing vessel.

### **SUPER PARATROOPER**

Sgt. Pat Moore, a member of the Air Force's U.S. Strike Command and the son of Donald F. Moore, ESSA Assistant Administrator for Plans and Programs, has won the Army Airborne Training School's Iron Mike trophy, a nine-inch tall bronze statuette of a paratrooper. Sgt. Moore was selected for the honor from approximately 1000 graduates. The trophy is awarded to the graduate of each class who distinguishes himself among his fellow students in physical fitness, adaptability for training, enthusiasm and overall abilities in paratrooper training. Sgt. Moore has more than 400 jumps to his credit.

### **SCHLOEMER SPEAKS TO ORDNANCE GROUP**

R. W. Schloemer, EDS Deputy Director for Climatology, presented an invited paper on "The Natural Environment" to the American Ordnance Association Packaging Division meeting at the Tobyhanna, Pa., Army Depot on Sept. 24.

### **COAST SURVEY CENTER HOSTS TEACHERS**

The Coast Survey's Fredericksburg Geomagnetic Center in Corbin, Va., will be one of four facilities visited by members of the Virginia State Teachers Conference during its sixth annual meeting in Fredericksburg, Va.

### **SERVICE AWARDS**

The following WB Western Region employees were eligible to receive length-of-service awards during September. 30 years - Edward W. Nelson, Missoula, Mont., and Glenn M. Lee, Pendleton, Oreg. 25 years - Walda S. Kennedy, Winslow, Ariz.; John E. Rockett, Los Angeles; Liggett W. Hopkins, WRH; and Russell H. Williams, Bakersfield, Calif. 20 years - Glade H. Gerber, WRH; Earl F. Robinson, Great Falls, Mont.; and Jack B. Hardman, Salt Lake City.

WB Central Region employees eligible to receive service awards during October are: 45 years - Clarence E. Lamoureux, Des Moines. 25 years - John T. Reed, CRH; Edgar W. Theisen, CRH; Paul E. Grable, Joliet, Ill.; Russell H. Albers, Lander, Wyo.; Ceel Van Den Brink, East Lansing, Mich.; and Barbara J. McKain, Norfolk, Nebr. 20 years - Harry A. Gordon, Jr., NSSFC, Kansas City; and Francis V. Arny, Sault Ste. Marie, Mich.

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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