

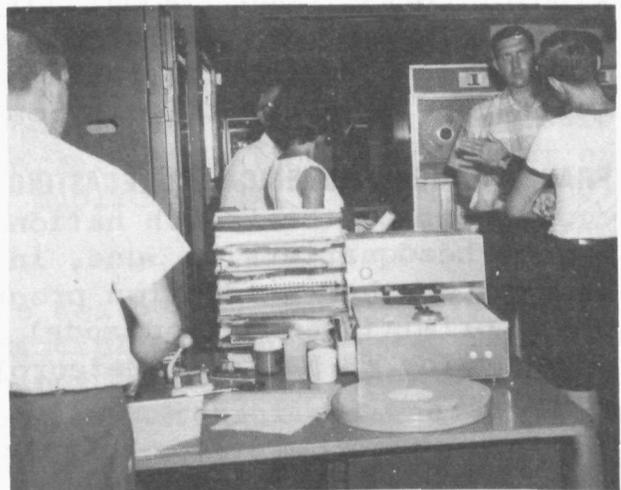
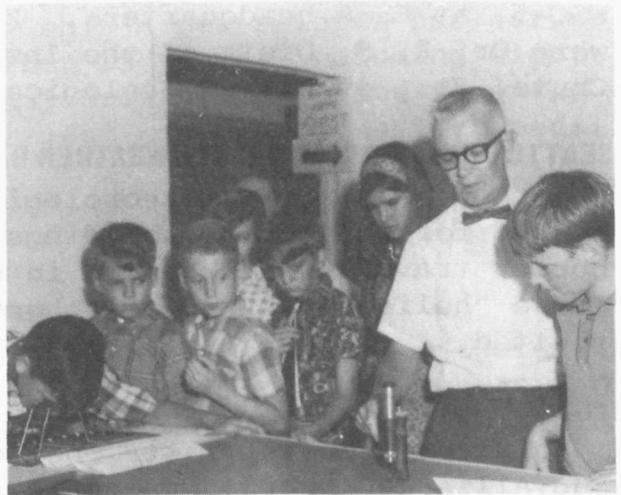
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OPEN HOUSE ATTENDANCE GOOD

The anniversary open houses held last week by ESSA offices were well attended. Three hundred people visited Weather Bureau and Satellite Center facilities at Suitland. In Boston, 1600 people waited in the rain to tour the USC&GSS DISCOVERER. The photographs show visitors at the Institutes in Boulder (left), the Atlantic Marine Center (upper right), and Suitland.



C&GS AND GEOLOGICAL SURVEY PLAN JOINT PROJECT

The Coast and Geodetic Survey and the Geological Survey will conduct a joint pilot project in northwest Texas this fall, using a photogrammetric method developed by C&GS for spanning extremely large distances between points of known origin. The technique is suitable for establishing mapping control in remote areas where high-precision geodetic surveys have not been completed.

DAY TO EVALUATE FLOOD FORECASTS

Dr. Harold J. Day of the Carnegie Institute of Technology has a temporary summer appointment in the Office of Hydrology to evaluate the benefits of WB flood forecasting service in the Susquehanna River Basin.

DIETZ AND CHUTE SPEAK AT SEMINARS

The Geophysics Research Group, Office of Seismology and Geomagnetism, is conducting a series of seminars in conference room 926, WSC-5, at ESSA headquarters. First two speakers in the series were Dr. R. S. Dietz of the Institute for Oceanography and Dr. J. Chute, Jr., of Lamont Geological Observatory.

SEATTLE HELICOPTERS GATHER WEATHER DATA

Norman Matson, WB meteorologist in charge at Seattle, has arranged for helicopter soundings to 5,000 feet twice daily. Helicopter traverses are common in major urban areas. Data from these "helisondes" are telephoned to the forecast center and then plotted.

FIELD PARTIES ON THE MOVE

An airport survey party, headed by Lt. Ralph Rhudy, is surveying Alliance (Nebr.) Municipal Airport. Another party, headed by Lt. (j.g.) James Murphy, began a survey of Bradley Field, Windsor Locks, Conn., about July 19. Urban surveys were completed in the western part of Suffolk County, Va. Satellite triangulation parties are now operating at Villa Dolores, Argentina; Cullgoora, Australia; and Cerro Sombrero, Chile.

FRANCE TO BEGIN NUMERICAL FORECASTING

J. Lepas of the French national weather service visited Weather Bureau headquarters in June, in preparation for beginning a numerical weather prediction program in France. The French plan to use a primitive equation model, similar to the one developed and used by the WB National Meteorological Center.

DATA LINK TO CONNECT EDS FACILITIES

On July 17, EDS' Office of Data Information successfully tested a new electronic data link with its National Weather Records Center at Asheville, N. C. This equipment makes it possible to send or receive over the telephone in either direction any typed, written, drawn, photographed, or sketched material up to 8-1/4 x 14". When this system becomes operational, it will greatly reduce the time required to obtain data documentation from the NWRC. EDS plans eventually to establish additional links with other data centers.



NEW CO NAMED FOR DISCOVERER

Captain Lorne G. Taylor, chief of the Marine Chart Division, C&GS, will succeed Captain William F. Deane as commanding officer of the USC&GSS DISCOVERER. The ship's new skipper has served with C&GS more than 25 years, including eight years aboard Coast Survey ships, and recently received the Department of Commerce silver medal.

TWO WEATHER STATIONS OPERATING IN COLOMBIA

Two new upper-air weather observing stations are now operating in Colombia in support of the Atlantic-Pacific Interoceanic Canal Studies. One is at Alto Curiche in the jungles of northwestern Colombia; the other is at Loma Teguerra. Each of these stations, equipped with radars and other modern weather observing equipment, is staffed by ESSA personnel and one local trainee.

C&GS PUBLISHES REPORTING GUIDE

C&GS has published a condensed version of the U. S. Power Squadron Observer's Manual to guide Power Squadron members in observing and reporting corrective information for the improvement of C&GS nautical charts and related publications.

INTRA-ESSA MERGERS

Engagement announcements by two Weather Bureau secretaries attest to the success of ESSA's cross-disciplinary approach. Betty Jean Compton of the WB Emergency Warnings Branch will exchange vows in October with Arthur W. Dodds, Jr., of Aeronautical Charting, C&GS. Patricia K. Jones of the WB Engineering Division will wed Ensign Gerben (Jack) Hoekstra, USESSA, in the fall.

WB EXPANDS SERVICES AT SPACE CENTER

The WB Spaceflight Meteorology Group Section at the Kennedy Space Center is now providing an improved 24-hour weather warning system to serve the National Aeronautics and Space Administration and its contractors. Special warnings of the likelihood and timing of lightning, strong winds, or heavy precipitation at specific locations within the Center are given to a number of groups.

CHART SERIES COMPLETED

Conversion of the 53 charts in the FAA air traffic controller series will be completed by C&GS with the issuance of the last four charts in July. The charts have been changed, after several years of operational evaluation, to make them more useful and legible to controllers.

WB OBSERVES ALASKAN CENTENNIAL

Alaskan Centennial Aviation Week was observed in Anchorage with an open house at the Weather Bureau airport station on June 24 and 25. John Kuhn, aviation chief at WB Regional Headquarters, was a member of the Alaskan Centennial Aviation Committee.

CHILEANS TO RECEIVE TSUNAMI PAMPHLET

Chile may soon publish a Spanish edition of the C&GS pamphlet "Tsunami, The Story of the Seismic Sea Wave Warning System."

The brochure would be distributed to residents of the Chilean coastal area which has been hit by tsunamis several times.

WB DEVELOPS SHIPBOARD ANTENNA SYSTEM

The WB Equipment Development Laboratory, working with a contractor, has developed a relatively small, lightweight, and inexpensive antenna system which could be used aboard moving ships to obtain data on upper-air winds.

STEWART NAMED TO COMMITTEE OF 21

Dr. Harris B. Stewart, Jr., Director of the Institute for Oceanography, has been elected an ex-officio member of the Committee of 21, an affiliate of the Miami-Dade County Chamber of Commerce. The Committee promotes the economic advancement of the Miami area by creating jobs and job opportunities. Dr. Stewart will serve on its science and oceanography subcommittee.

KATMAI MONUMENT SURVEYED BY PATHFINDER

The USC&GSS PATHFINDER has just completed a three-week surveying project in the Katmai National Monument area of Alaska. Geodesy Party G-24, headed by Gerald Randall, and Robert M. Melby, photogrammetric field specialist from the Pacific Marine Center, assisted in the project. A helicopter was used to carry personnel and equipment between the ship and the observation sites.

BARGER VISITS COOPERATING UNIVERSITIES

Dr. Gerald L. Barger, Director of EDS' Laboratory for Environmental Data Research, is visiting western universities with which EDS has cooperative research agreements. These include two institutions concerned with the climate of arid regions: the University of Nevada, where Dr. Barger will help implement a new cooperative research agreement; and Kansas State University, which is conducting a drought study and a project to devise methods of translating agroclimatology research results into layman's language.

WHAT A PICNIC!

Personnel at Plateau Station, the highest United States station on the Antarctic continent at an elevation of 11,890 feet, enjoyed an outdoor chicken barbecue on mid-winter's day, June 22. The temperature at the time of the cookout was -100 degrees F.

PHILLIPS GETS SHIP COMMAND

Captain John O. Phillips has been appointed to succeed Cdr. Gerald L. Short as skipper of the USC&GS Ship PATHFINDER. Phillips, a civil engineer, has seen extensive sea duty since he joined the Coast Survey in 1942. He is now chief of the Geodesy Division.



ROCKNEY WILL CHAIR GENEVA MEETING

Vaughn D. Rockney, chief of the WB Overseas Operations Division, today left for Europe where he will chair a Geneva meeting of the Executive Working Group, WMO Commission for Instruments and Observations, of which he is President. He will also visit the meteorological services of England, Norway, Sweden, Finland, West Germany, Belgium, and the Netherlands to discuss recent developments in meteorological instruments and observations.

ADMINISTRATOR SUPPORTS OPEN HOUSING

ESSA Administrator Dr. Robert M. White this week gave his support to the fair housing ordinance being considered in hearings before the Montgomery County (Md.) Council. In a statement submitted for the record, Dr. White said:

"I am Robert M. White, Administrator of the Environmental Science Services Administration. Our headquarters is at 6010 Executive Boulevard, Rockville, Maryland. One of our major groups, the Coast and Geodetic Survey, has its headquarters and conducts a major portion of its services from a location across the street at 6001 Executive Boulevard. We have other installations, notably the headquarters of the U.S. Weather Bureau, in Montgomery County, at 8060 13th Street, Silver Spring, Maryland. I am a resident of the county, living at 8306 Melody Court in Bethesda.

"I want to thank this Council for giving us the opportunity to be heard. As Administrator of the Environmental Science Services Administration I want to express, in the strongest possible terms, our endorsement of a Fair Housing Ordinance in Montgomery County.

"The Environmental Science Services Administration employs more than 1800 persons in various locations throughout Montgomery County. On behalf of these employees may I emphasize the compelling need for an open housing ordinance so that existing inequities may be removed as promptly as possible -- and so that our employees will have an opportunity for adequate housing -- near their work -- without regard to race, creed, color or national origin.

"ESSA is a part of the U. S. Department of Commerce. It was created by Presidential order on July 13, 1965, with a mandate to understand, describe and predict our physical environment.

"Our interests embrace much more than the weather. They include oceanography, earth sciences, telecommunications, and a host of other fields of endeavor vital to the understanding of the world we inhabit.

"Our mission requires a particularly highly qualified staff -- the kind of staff which is in demand by many other employers throughout government and industry. To accomplish what is required of us by our Nation, it is absolutely vital that we seek out the best qualified people for our positions without any regard whatever to race, creed, color or national origin.

"More than one-third of ESSA's employees are scientists. Among them are significant numbers of meteorologists, oceanographers, physicists, engineers, geophysicists, mathematicians, and cartographers. Indeed, ESSA has a constant need for qualified employees in far too many fields to enumerate here -- on the subprofessional

and subtechnical levels, in administration, and, in fact, across the board.

"We work steadily to attract such people to our agency. But our efforts in this area will be substantially vitiated if the large number of ESSA positions in the county in which our headquarters is located remain unattractive to minority-group applicants and to our present employees because proper housing is not available to them.

"ESSA is a new agency. As I indicated earlier, we are barely two years old. Our tenancy in Montgomery County is even more recent. I consider our location here an important asset to ESSA -- but it must be an asset to all of our employees and prospective employees whose duties bring them here.

"Certainly the enactment of an anti-discrimination ordinance in the sale and rental of residential real estate would go far to lessen our recruitment problems. It would help us obtain a fair share of the highly competitive job market. It would reinforce the efforts we are making toward providing real, rather than artificial, equality of opportunity in the sciences.

"Thus far I have spoken solely for ESSA, as ESSA's Administrator. Now I should like, if I may, to say a few words as Robert M. White of Bethesda.

"The matter of open housing is more than one of obtaining personnel. It is, for all of us, a matter of conscience. None of our people should be subjected to the indignity of being shut away from decent housing.

"We are America. Our forefathers came to these shores in the pursuit of a great and timeless tradition. And no American, at any time, is entirely free until all of us have equality.

"As ESSA's Administrator, and as a resident of this county, I earnestly urge this body to enact an effective fair housing ordinance."

AWARD MONEY TO BE PAID IN SEPARATE CHECKS

Beginning Aug. 15, the ESSA Finance Division will issue separate checks for incentive awards. Previously, these payments have been included in regular salary checks.

BOSTON WB MAKES A HIT

The Boston WB forecast office has received a thank-you note from the committee chairman for the 1967 M.I.T. alumni day. "Based on the forecast, the social hour was moved indoors to avoid getting drenched in the event of a late afternoon shower. It is a good thing we took the advice, because around 5:20-6:00 p.m., a 'blinger' of a thundershower hit the campus."

DALE SURVEYS PROGRESS OF CLIMATOLOGY

Dr. Robert F. Dale, Central Region Climatologist, who has just completed a Commerce Science and Technology Fellowship assignment to the Patent Office, is working at EDS headquarters during July. Dr. Dale will survey the progress of climatology during the past two decades and assess its future potential in ESSA's interdisciplinary program. He will return to Kansas City in August and will join the faculty of Purdue University in September.

LITTLE BUOY LOST

Somebody stole a complete buoy electronics system, placed in Long Island Sound by the USC&GSS MARMER as part of its study of currents. However, the thief must have changed his mind, for the equipment was found on shore in working condition.

ESSA WELCOMES NEW EMPLOYEES

The C&GS Mid-Continent Field Area welcomes Donald Brandt, James E. Dunford, Jr., Gary Edward Monighan, Graham Peterson, Denis A. Redwine, Graham W. Smoot, Richard L. Spencer, Gary L. Stubbs, Jack Tennyson, Stephen E. Underwood, Lee E. Taylor, and Barry J. Westerlund.

New employees in the WB Central Region are: Donald W. Wales, Kansas City; Wayne L. Heath, Sault Ste. Marie; Walter B. Kemp, Kansas City; Jan B. Price, Indianapolis; Frank R. Pflanzner, Des Moines; Charles A. Doswell III, Kansas City; John T. Forsing, St. Louis; Margaret L. Coonfield, Kansas City; Michael E. Kiteck, Jr., Minneapolis; Stephen L. Kahn, Chicago; John L. Vogel, St. Louis; Patricia Lee Wilson, St. Louis; and Millard A. Landers, Des Moines.

JENSEN ELECTED TO SIGMA XI POST

Dr. Clayton E. Jensen, Office of the Federal Coordinator for Meteorology, was recently selected by the Sigma Xi Chapter-at-Large as Chairman of the Committee of Consultants for Zone Two (Md., W. Va., Va., N. C., S. C., and D. C.).

SASSMAN VISITS CARIBBEAN ISLANDS

Joe M. Sassman, Southern Region Aviation Service Operations Meteorologist, spent the week of June 19 reviewing aviation weather services in Puerto Rico and the Virgin Islands, with San Juan MIC Jose Colon.

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, 6010 Executive Blvd., Rockville, Md. 20852. Phone (301) 496-8243.

National Oceanic and Atmospheric Administration

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