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Norman L. Canfield, Regional Climatologist, and Robert E. Lautzenheiser (right).



Silvio Simplicio, Eastern Region Director, and Ashby E. Craft (right).



Charles G. Knudsen, Eastern Region Deputy Director, and Horace C. Dwelle (right).

### THREE EASTERN REGION EMPLOYEES HONORED

Robert E. Lautzenheiser, ESSA State Climatologist at Boston, Mass., since 1956, was awarded the Department of Commerce Bronze Medal on Jan. 14 "for more than 12 years of very distinguished and dedicated climatological guidance and service to research communities and the public of the Boston metropolitan area and the states of Maine, Massachusetts, New Hampshire, and Vermont." A State Climatologist normally services only one state.

Ashby E. Craft, former meteorological technician at the Nome, Alaska, Weather Bureau airport station, received the Department of Commerce Bronze Medal on Jan. 14 "in recognition of his dedicated leadership and significant contribution to public service in Alaska for more than ten years." Mr. Craft joined the Weather Bureau at Hatteras, N. C., after three years in the Army Weather Service during World War II. Prior to his assignment as Official-in-Charge at Nome, Alaska, in 1955, he was stationed at Nashville, Tenn.; Albany, New York; and Annette Island, Alaska. Mr. Craft is presently assigned to the Allentown, Pa., Weather Bureau station.

Horace C. Dwelle, Meteorologist-in-Charge of the Parkersburg, W. Va., Weather Bureau office was awarded the Department of Commerce Bronze Medal on Jan. 14 "for commendable and devoted service over a long period of years, and particularly for his outstanding service at Parkersburg, W. Va." Mr. Dwelle, a 31-year Weather Bureau employee, has been MIC at Parkersburg for the past seven years.



Dr. Verner E. Suomi (right), past president of the American Meteorological Society, presents Dr. Robert M. White, ESSA Administrator, with the Cleveland Abbe Award at the annual banquet of the AMS, held Jan. 22 in New York City.

### SNELLMAN ELECTED AMS COUNCILOR

Leonard W. Snellman, Chief, Scientific Services Division, WB Western Region headquarters, has been elected to a three-year term as a councilor of the American Meteorological Society. Mr. Snellman, a U. S. Air Force Weather Officer from 1943-45, joined the Weather Bureau as a forecaster in 1946. He returned to the Air Force in 1951, where he served as a Weather Officer and civilian consultant until 1965. His education includes a bachelor's degree from Kenyon College and graduate study at the University of Chicago and St. Louis University, with a doctorate pending.

### RECORD WINDS HIT BOULDER, COLO.

The highest winds ever recorded in Boulder, Colo., struck the city on Jan. 17 causing considerable damage to ERL facilities. Gusts of wind were recorded as high as 130 mph. The average recorded wind velocity was 60 mph. The Atmospheric Physics and Chemistry Laboratory was hardest hit. A frame building and two trailers were lost. The Tropospheric Telecommunications Laboratory lost an FM transmitter, a scanning array, and a 20-foot trailer. Steel cables securing the trailer snapped in the high winds causing it to roll down the mountain crushing the transmitter. Also suffering extensive damage was the Space Disturbances Laboratory's Hills T antenna array used in radio astronomy. The highest wind recorded at Boulder previously was 126 mph in February 1968.

### MEYERS CONFERS WITH AOL OFFICIALS

Herbert Meyers, chief, Earth Sciences Division, EDS, met with members of ESSA's Atlantic Oceanographic Laboratories in Miami, Jan. 13-14, to discuss problems and recommend procedures for the handling and disposition of research data.

## ANDREASEN TO COMMAND TWIN VESSELS



Lieutenant Christian Andreasen has been appointed commanding officer of the Coast Survey's wire drag ships, the RUDE and HECK. Lt. Andreasen joined the Coast Survey in 1963 following graduation from the University of Illinois, where he received a degree in civil engineering. During the past six years, he has served aboard the USC&GS Ship EXPLORER, with geodetic field parties, and, since last October, as executive officer of the RUDE and the HECK. Lt. Merritt N. Walter, formerly with the USC&GS

DISCOVERER, has succeeded Lt. Andreasen as executive officer. The two ships will begin a survey of the Atlantic waters off Charleston, S. C., in February, if the weather is favorable. During the investigation, an effort will be made to determine whether a World War II German submarine lies about 20 miles southeast of the harbor.

## ESSA CLUB OFFERS INSURANCE PLAN

The ESSA Employees Association, an affiliate of the League of Federal Recreation Associations, Inc., recently distributed a pamphlet containing information on a group life insurance plan to all ESSA employees. Although the ESSA Employees Association serves ESSA employees primarily in the Washington area, field employees who desire to participate in this plan may do so by first becoming a member of the Association. Membership dues are \$1.00 annually, and may be paid to Norman Bradley, membership chairman (AD 1x13), ESSA, Rockville, Md. 20852, or submitted with the insurance application. Application forms may be obtained from Edward Bisone, purchasing chairman (W512), ESSA-Weather Bureau, Silver Spring, Md. 20910.



*Dr. Joseph Smagorinsky, Director, Geophysical Fluid Dynamics Laboratory, received a weather vane from Princeton University in a surprise presentation during the dedication of GFDL's new campus facility on Jan. 24. Left to right: Dr. Robert F. Goheen, President of Princeton University; Prof. George L. Mellor, Princeton University; Dr. Smagorinsky; Dr. George S. Benton, Director, ERL; and Dr. Robert M. White, ESSA Administrator.*



Weather Bureau employees and their instructors participating in the first session of the Forecasters' Training Course held at Weather Bureau headquarters, Jan. 13-31 are, seated, left to right: Glenn Stallard, Memphis; Philip E. Shideler, Topeka; John C. Purvis, Columbia, S.C.; Henry B. Cochran, Wake Island; Charles F. Roberts, WBH; Perry M. Landgren, Knoxville; Philip A. Calabrese, WBH; Edmund A. DiLoreto, San Antonio; Harold J. Shellum, San Francisco; Julius Badner, WBH; Maurice E. Pautz, WBH. Standing, left to right: Robert O. Reinhold, Little Rock; James R. Miller, Sacramento; Bernard W. Magor, NSSF Kansas City; Rue E. Rush, Raleigh; Paul T. Ellis, Seattle; Daniel L. Sala, Fairbanks; John F. Loopstra, Anchorage; Billy J. Crouch, Anchorage; Harold C. Harvey, Boise; Lloyd W. Chamberlain, Wallops Island; Norman E. Prosser, CRH; Albert O. Bangert, Omaha; Clark D. Cramer, Sioux Falls; Lew A. Harney, Great Falls; Bill J. Cook, Ft. Worth; Elroy C. Jagler, Louisville; John M. Porter, WBH; Robert B. Wassall, Philadelphia; Paul F. Jacoby, Pittsburgh; Roland M. Laro, Hartford; and Jordan Fischler, WBH.

### MOORE TO CHAIR SYMPOSIUM SESSIONS

Holmes S. Moore, Group Leader, Marine Environmental Prediction staff (MAREP), will chair four sessions of the Earth Observations From Balloons Symposium, to be held in Washington, D. C., Feb. 6-7. The Symposium is sponsored by the American Society of Photogrammetry in cooperation with the Department of Interior, U. S. Air Force, U. S. Navy, NASA, Department of Commerce (ESSA), and the Department of Agriculture. The objective of the sessions is to explore the current capabilities of the balloon as a platform for all types of sensor systems.

### TRIANGULATION PARTY RELOCATES

Coast Survey Satellite Triangulation Party G-6 has completed satellite observations on Tristan da Cunha Island in the South Atlantic Ocean begun in January of 1967. Tristan is located between Cape Town, South Africa, and Montevideo, Uruguay. The party's next duty station will be on Cocos Island in the Indian Ocean.

### SIMPSONS TO ADDRESS UNIVERSITY SYMPOSIUM

Dr. Robert H. Simpson, Director, National Hurricane Center, and Dr. Joanne Simpson, Chief, Experimental Meteorology Branch, Atmospheric Physics and Chemistry Laboratory, will be invited speakers at the Department of Space Science and Applied Physics Research Seminar at Catholic University, Feb. 6. The ESSA scientists will speak on "Hurricane Research Warnings and Modification," and "Cumulus Modification Experiment."



### HOLMES NAMED PMC OPERATIONS OFFICER

Captain Alfred C. Holmes has succeeded Commander George M. Poor as chief of the Coast Survey's Pacific Marine Center Operations Division. Capt. Holmes was formerly commanding officer of the USC&GS Ship PATHFINDER. Cdr. Poor, who has been Projects Officer and Acting Operations Officer, will become chief of the Processing Division at the Center.

### THOM ATTENDS HIGHWAY GROUP MEETING

H. C. S. Thom, EDS Senior Research Fellow, attended a meeting of the Highway Research Board Committee on Environmental Factors Except Frost, held in Washington, D. C., January 14. The committee met to plan a conference session on Moisture Conditions Under Paved Surfaces for the January 1970 board meetings.

### A HELPING HAND



Miss Margaret Oldenburg of Minneapolis, Minn., a long-time contributor to the comforts of station life at the Weather Bureau's Arctic and Antarctic outposts, was awarded a Certificate of Appreciation and several gifts by Minneapolis MIC Joseph H. Strub, Jr., on behalf of the Overseas Operations Division, in ceremonies at her home, January 7. Miss Oldenburg has donated thousands of dollars worth of books and art reproductions for the stations, as well as recipes, spices, table decorations, artificial flowers, and numerous other items designed to brighten the unusually

austere conditions at polar facilities. She also received a lifetime membership in the Arctic Circle Club. A telegram to Miss Oldenburg from Vaughn D. Rockney, chief, Overseas Operations Division read: "The appreciation and best wishes of the entire Overseas Operations Division staff and the hundreds of men who have benefited so greatly throughout the years are with you today as we salute your unfailing generosity and your great kindness."

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During 1968, ESSA employees invested more than three million dollars in U.S. Savings Bonds.

## CASADA NAMED CHATTANOOGA OIC



Ray R. Casada has been selected the official in charge of the Chattanooga, Tenn., Weather Bureau office. Mr. Casada began work at the Savannah Weather Bureau office in 1946, after serving in the U. S. Air Force. He advanced to principal assistant and remained there until 1959 when he transferred to Nashville, Tenn. In 1961, he became the OIC of the WBO in Rome, Ga. Mr. Casada is presently stationed at Tallahassee. He will assume his new duties about February 1.

## INSURANCE PREMIUM RATES DETERMINED BY AGE

The optional insurance program which offered \$10,000 additional term insurance to employees, began in February 1968. For the purpose of determining the amount of the premium, an employee is considered to attain 35 years of age or 55 years of age on the first day of his first pay period beginning on or after January 1 of the year following the one in which his 35th or 55th birthday occurs. For example: During calendar year 1969, employees born in 1934 or later would be subject to biweekly withholdings of \$3; those born in 1914 through 1933 would pay \$6, and those born prior to 1914, \$20. Contact your personnel office for further information.

## COAST SURVEY MEN COMPLETE SCUBA COURSE

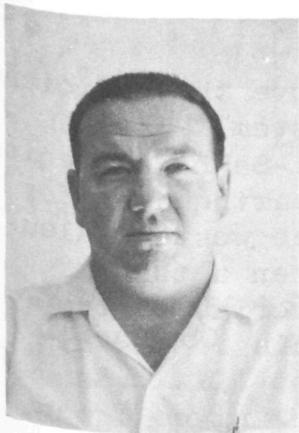
Eight Coast Survey officers and crewmen based in Seattle have concluded a two-week course in scuba diving at Highline Community College, Midway, Wash. The special course was set up by the college to qualify the commissioned officers and civilian crewmen to conduct hydrography and oceanography work, as well as to inspect and care for the ships. Students attending the course were: Ensign Theodore Hetu, group commanding officer, and John Scott, chief pharmacist's mate (OCEANOGRAPHER); Ens. Melvyn C. Grunthal and Ens. V. K. Leonard, Jr. (SURVEYOR); Philip A. Smith, boatswain, and Billy Maquiling, seaman (PATHFINDER); Ens. Bruce W. Fisher (DAVIDSON); and Ens. Allan Divis (FAIRWEATHER).

## U.S./MEXICO EXCHANGE SET

The United States and Mexico have agreed to exchange scientists in the field of seismology. Under the agreement, a Coast Survey seismologist will spend six months in Mexico, while his counterpart from the National Autonomous University of Mexico spends an indefinite period at Coast Survey headquarters.

## COPE NAMED PACIFIC OBSERVER OF THE QUARTER

William H. Cope, III, meteorological technician at the Kahului Weather Bureau office, has been named "Observer of the Quarter" for the third quarter of 1968. Mr. Cope, who is presently enrolled at Maui Community College, was also cited for his contribution to public service through preparation of the ESSA science exhibit at the annual Maui County Fair. About 90 meteorological technicians in the Pacific compete for the award each quarter.

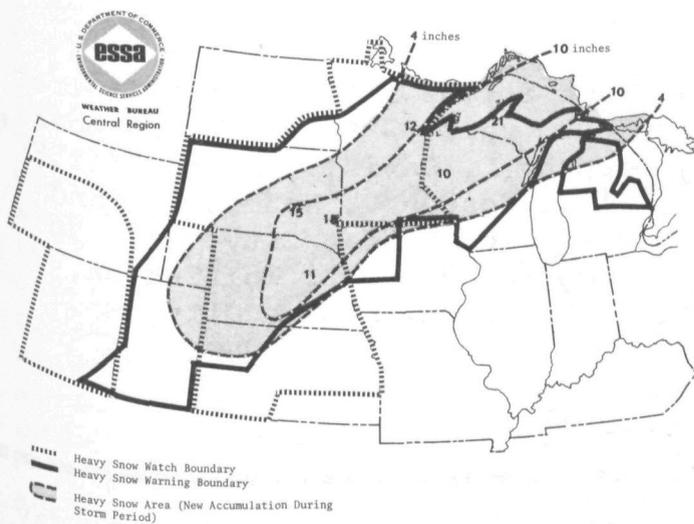


## RADAR METEOROLOGIST FOILS THIEF'S GETAWAY

When a thief carrying a large sum of money stole an airplane near Wichita, Kans., in the early morning hours of Jan. 26, he did not anticipate that Weather Bureau radar meteorologists at Oklahoma City would be called in by police to track his flight. Shortly after the plane took off, radar supervisor Gerald J. Carter, assisted by FAA radars, was able to follow the flight as it headed south and landed some hours later at El Reno, Okla. The local police, informed of the aircraft's track, were on hand to greet a very surprised thief and immediately took him into custody.

## SNOW DEALS BLOW TO CENTRAL REGION

DECEMBER 20-23, 1968 WINTER STORM



A number of Central Region states are still digging out from heavy snow and widespread blizzard conditions that struck the area the weekend before Christmas. At one time, more than 1200 automobiles were stranded in the Grand Island, Nebr., area. Travelers took refuge in armories, motels, hotels, cafes, farm houses, and gasoline stations during the peak of the storm. Side roads in some areas are still blocked, and many schools remain closed. Weather Bureau

forecasters announced a winter storm "Watch" for heavy snow for most of the affected area 18 to 36 hours in advance of the storm, and subsequent "Heavy Snow Warnings" preceded the heavy snow as it spread from Northeast Colorado northeastward through parts of Kansas and Nebraska, South Dakota, Iowa, Minnesota, Wisconsin, and Michigan.

(See map)

## USSR TSUNAMI DATA TO AID WARNING SYSTEM

Data from the Soviet Union is expected to improve the efficiency of the Coast Survey's Pacific Tsunami Warning System. The U.S.S.R. maintains a warning system in the Kamchatka-Kuril-Sakhalin region and can provide coverage for tsunami-generating earthquakes for that region, as well as for northern Japan and the western Aleutian Islands. Excellent results were reported when a tsunami communications test was made from Khabarovsk, Siberia, to the International Tsunami Information Center's Honolulu Observatory via Tokyo in September 1968.

## COLD DAYS IN FAIRBANKS

The temperature dipped to  $-37^{\circ}$  in Fairbanks, Alaska, on Dec. 27, beginning one of the most severe cold spells on record. The average temperature for the first 16 days in January was  $-43.2^{\circ}$ . The temperature dropped to  $-60$  on the first and to  $-61$  on the second. This is the 12th time since 1904 that the mercury has gone down to  $-60$  or lower. The record low for the area was  $-66$  set on Jan. 14, 1934. Weather Bureau operations continued uninterrupted, despite the extreme environmental factors.

## SERVICE AWARDS

Weather Bureau Western Region employees eligible for length-of-service awards during January were: 30 years - Kenneth A. Rice, Boise, Idaho. 25 years - Robert W. Hullinger, Portland, Oreg.; Alvin E. Loseke, Boise, Idaho; Walter E. Watkins, Sacramento, Calif.; Ruben Schulz, Seattle, Wash.; Wilbur J. Lewis, WBO Vandenberg AFB.

Length-of-service awards were due to the following WB Central Region personnel during January: 30 years - Samuel W. Chambers, Dodge City, Kans. 25 years - Dorothy L. Davis, Chicago, Ill.; Samuel A. Wilson, Springfield, Ill.; Joseph V. Schmitz, Grand Island, Nebr.; and Herman F. Mondschein, Kansas City, Mo. 20 years - John A. Schwab, Denver, Colo.; Edward E. Wolfington, Indianapolis, Ind.; and Howard J. Anderson, Kansas City, Mo.

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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