



# NOAA WEEK

U.S. DEPARTMENT OF COMMERCE National Oceanic and Atmospheric Administration

## Secretary Stans Bans Commercial Whaling in U.S.

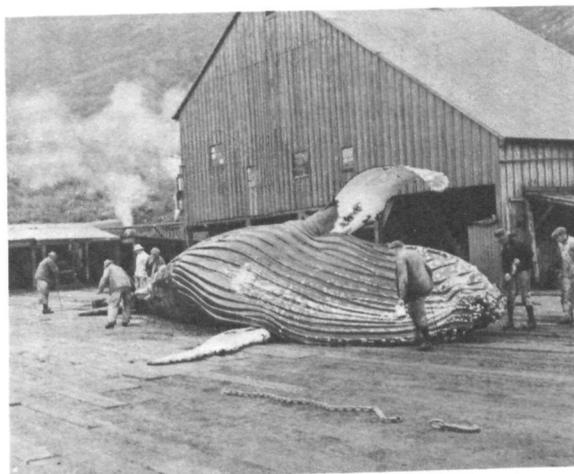


60-foot male finback whale being hauled up the slip to the flensing deck.

Secretary of Commerce Maurice H. Stans has directed NOAA's National Marine Fisheries Service -- the agency responsible for administering whaling regulations -- to publish a proposal in the Federal Register terminating the United States licensing of commercial hunting of whales listed as endangered species. The list contains eight species, including the finback, the sei and sperm whales, which are the only species now sought by U.S. commercial whalers, as well as the rarer bowhead, blue, humpback, right and grey whales. The whales were placed on the endangered species list by the Department of Interior last December, and the Secretary's directive carries out the intent of that action.

This action marks the final chapter in an industry which originated along

the New England coast in the early colonial days of our country, and reached its highest peak during the first half of the 19th century. The domestic whaling industry has been on the decline since the beginning of the 20th century, but this is the first time in almost 300 years that no whaling ships will be operating from what is now the United States coast. Secretary Stans declared that, while the Commerce Department is vitally concerned with the economic health of all U.S. business, it is also firmly committed to sound conservation practices. "There is no reason why a sound economy and sound conservation cannot go hand in hand," he said. "In the past, thoughtlessness and irresponsibility have removed no fewer than 120 different species of wild life from our planet."



37-foot female humpback whale is readied for processing.

## NMFS Helps American Samoa Collect Fishery Statistics

Under a Federal Aid Program administered by the National Marine Fisheries Service, the Government of American Samoa has launched a 2-1/2 year program to collect and monitor fishery statistics. Dr. Stanley N. Swerdloff, supervisor of marine resources of the Government of American Samoa, will supervise collection of catch and effort data, as well as biological data on principal species landed by the longline tuna fishery based in Pago Pago.

Operated through the cooperation of American and foreign business interests, the longline fishery is the most important private enterprise in American Samoa. In 1968, two canneries processed 29 thousand metric tons of tuna, with a value of more than \$10 million to the fishermen. Auxiliary business generated by tuna canning interests contribute significantly to the economy of the islands. In spite of the large tuna fishery, fresh fish appear in the markets of American Samoa only sporadically and in small quantities. The extent of subsistence fisheries in the villages of American Samoa is not known; however, the Government is endeavoring to develop additional fisheries which can be operated wholly by the Samoans. Data collected on Samoan subsistence fisheries will be processed and analyzed by Dr. Swerdloff; data on the longline fishery will be forwarded to the NMFS Hawaii Area Fishery Research Center at Honolulu for processing and analysis.

## NOAA Men To Participate in FAA Symposium

Newton A. Lieurance, Director, NOAA Office of Aviation Affairs, and J. T. Lee, Administrative Officer, ERL's National Severe Storms Laboratory, Norman, Okla., will be key participants in a three-day Federal Aviation Administration Turbulence Symposium to be held in Washington, D.C., Mar. 22-25. Mr. Lieurance will chair a session on "Transmission of Turbulence Data to the Cockpit," and Mr. Lee will speak on "Thunderstorms-Turbulence."

## Tax Rates Change for Iowa and Missouri

State tax withholdings for employees in the states of Iowa and Missouri will be changed based on new tax information received from these states. The changes will be effective in Pay Period number 6, February 21 through March 6, 1971. The new rates will be deducted from salary checks dated March 17, 1971.

## Regional Hydrologists Convene At Weather Service Headquarters



Regional Hydrologists met at National Weather Service headquarters, Feb. 22-26, for a review of the hydrologic program. Dr. John W. Townsend, Jr., NOAA Associate Administrator, addressed the opening session. Pictured, left to right, front row: W. E. Hiatt, Associate Director, Hydrology, NWS; J. P. McCallister, Southern Region Hydrologist; G. L. Audsley, Alaska Region Hydrologist. Second row, left to right: Dr. Townsend; R. L. Raetz, Western Region Hydrologist; and J. H. Thomas, Eastern Region Hydrologist. Not shown: V. Alexander, Central Region Hydrologist.

## Cdr. Swanson Is Elected President Of Commissioned Officers Association

Cdr. R. L. Swanson, chief of the National Ocean Survey's Oceanography Division, is the new president of the National Association of Commissioned Officers--an organization of NOAA commissioned personnel. Other officers are Lt. John K. Callahan, secretary, and Cdr. J. Austin Yeager, treasurer. Members elected to the executive committee, in addition to the officers, include Cdr. R. L. Newsom, Lt. T. G. Hetu, and Ens. R. J. DeVivo. Alternates elected to the committee, who will serve if others are transferred from the Washington Metropolitan Area, are Capt. J. G. Phillips and Cdr. C. A. Burroughs.

## Allen Pearson To Be TODAY SHOW Guest

Allen D. Pearson, Director of the National Weather Service's National Severe Storms Forecast Center, will discuss NOAA's SKYWARN '71 tornado preparedness program on the March 8 TODAY SHOW.

## Dr. Aubert Is U.S. Director For Study of Great Lakes



Dr. Aubert

Dr. Eugene J. Aubert has been appointed U.S. Director of the International Field Year for the Great Lakes (IFYGL). IFYGL is a joint U.S.-Canadian research program, a part of the International Hydrological Decade, for which NOAA has been designated U.S. lead agency. Its objective is to develop a sound sci-

entific basis for water resource management on the Great Lakes, leading to improved solutions to problems of water quality and quantity.

As Director of the U.S. program, Dr. Aubert will be responsible for planning and executing the interagency program, and working with his Canadian counterparts in the international aspects of the program.

Initial planning for IFYGL has been carried out by the National Committee for the International Hydrological Decade within the National Research Council.

Dr. Aubert comes to NOAA from the Center for Environment and Man, Hartford, Conn., where he was Director of Atmospheric Resources Management. From 1960 to 1969, he was a Vice President of The Travelers Research Center, Inc., Hartford, Conn., and Director of the Atmospheric and Oceanographic Sciences Department. Prior to that time--from 1951 to 1959--Dr. Aubert was Chief of the Techniques Applications Branch, Geophysics Research Directorate, Air Force Cambridge Research Center, Bedford, Mass. A native of New Jersey, Dr. Aubert attended Montclair State College, Montclair, N.J., and Massachusetts Institute of Technology. He later received both B.S. and M.S. degrees from New York University, and his Ph.D. from M.I.T. in 1957. Dr. Aubert is a member of the American Meteorological Society, American Geophysical Union, American Association for the Advancement of Science, and Research Society of America.

## Dr. Sargeant Is Appointed Special Assistant for GARP



Dr. Sargeant

Dr. Douglas H. Sargeant has been appointed as Special Assistant for the Global Atmospheric Research Program, in NOAA's Office of Environmental Systems. The Global Atmospheric Research Program--known as GARP--is one of the two major thrusts of the World Weather Program, the

other being the operational World Weather Watch. GARP includes a series of international experiments designed to acquire the increased knowledge of atmospheric processes needed to improve weather forecasts and extend them further in the future.

As special assistant to Dr. Richard E. Hallgren, NOAA's Assistant Administrator for Environmental Systems, Dr. Sargeant will provide a focal point for coordinating United States positions for international meetings and for developing detailed scientific design and technological requirements of the Global Atmospheric Research Program.

An Associate Professor of Meteorology at the University of Wisconsin, Dr. Sargeant had been on loan since January 1970 to the National Academy of Sciences, serving as Executive Scientist to the United States Committee for the Global Atmospheric Research Program. Born in Cedar Rapids, Iowa, in 1938, Dr. Sargeant holds a bachelor's degree from Iowa State University and a doctorate in meteorology from the University of Wisconsin. He was Assistant Professor of Meteorology at the University of Wisconsin from 1965 to 1967, and then served for a year as the U.S. Representative at the International Antarctic Meteorological Research Center in Melbourne, Australia, before returning to the University as Associate Professor. Dr. Sargeant is a member of the American Meteorological Society and the American Association for the Advancement of Science.

## Hawaii's Coral Beds Photographed 1200 Feet Below Sea Level

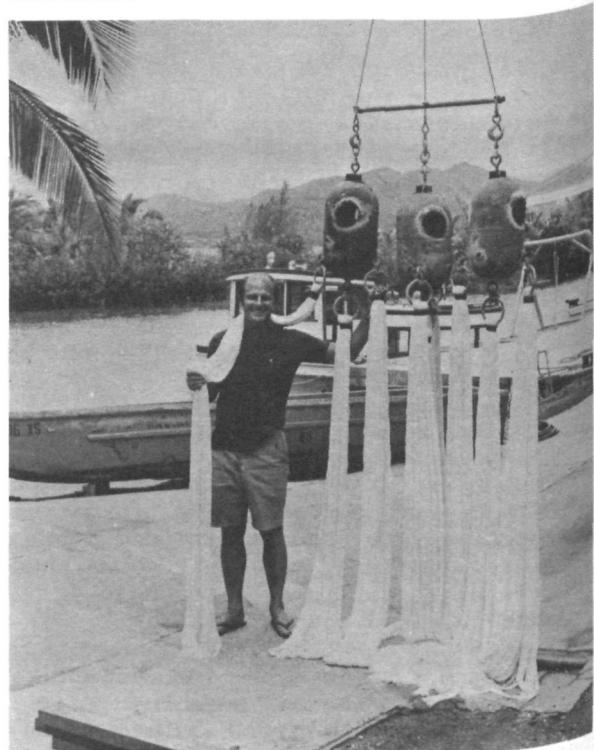


Photographed for the first time is this view of the 1200-foot-deep precious coral beds off Makapuu.

Thanks to a television camera operated by University of Hawaii oceanographers as part of NOAA's National Sea Grant Program, Hawaii's precious coral beds, located off Makapuu, can now be viewed some 1,200 feet below sea level. The first sightings of the valued coral beds occurred on Jan. 24, when the camera was lowered over the edge of the University's research vessel TERITU. Photographed on video tape and color stills were pink, gold, and bamboo corals. According to Marine Biologist Richard W. Grigg, finding precious coral in its normal habitat of 1,200 to 1,400 feet depths "used to be a hit-or-miss operation. Now, with the use of a television camera and ship-board monitor, it's like putting eyes on the ocean bottom." The operation was headed by Drs. Grigg and Garth Murphy, professors of oceanography on the Manoa Campus. Project members are working hand-in-hand with Hawaii's precious coral industry to provide greater local resources, to develop more efficient collecting methods and to investigate expansion of coral bed exploitation to such areas as the Trust Territory. In addition to pink coral, there appears to be adequate resources of both gold and bamboo coral to supply a local market. The gold and bamboo species are new discoveries as far as large beds in Hawaii are concerned. Gold coral is similar to black coral in its branched form, but bamboo coral is ivory white with black nodes and grows in single rods as high as 15 feet. Both are gorgonians--a family of precious coral to which the white, pink, and red corals belong.

During Dr. Grigg's recent explorations, he found stands of these corals off Kaena Point and Koko Head, but the most abundant supply was found off Makapuu. The dollar value of this area alone could be \$10,000 since pink coral sells for \$20 to \$200 a pound depending on the quality, and the average coral colonies weigh from two to three pounds.

Pink coral was first discovered in Hawaii in 1902 by an exploring expedition aboard the U.S. vessel THE ALBATROSS. No further dredging was made until the mid-1960s when two major discoveries were made in the Hawaiian chain. In 1966, two Hawaii oceanographers discovered extensive coral beds off Makapuu. The present Sea Grant project is geared to determine the distribution and abundance of precious coral in Hawaiian waters. Future plans of the Sea Grant project include using an undersea submersible with a claw this spring and summer in cooperation with the Makai Range of the Oceanic Institute to evaluate the feasibility of collecting coral with a submersible.



Dr. Grigg is shown at Coconut Island with coral dredging gear he designed, consisting of cement-filled weights and "coral mops" of nylon mesh netting.

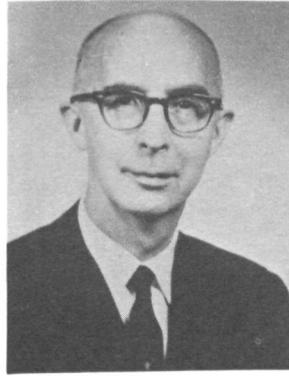
# Key NOS Officials To Participate in ASP/ACSM Convention



Mr. Theurer



Mr. Whitten



Mr. Diercks



Dr. Schmid

Thirteen personnel of the National Ocean Survey will be official participants at a convention of the American Society of Photogrammetry and the American Congress on Surveying and Mapping, to be held in Washington, D.C., Mar. 7-12. Frederick O. Diercks, Associate Director, Aeronautical Charting and Cartography, and ASP President; Charles Theurer, Chief, Photogrammetric Branch; Dr. Hellmut H.

Schmid, Director, Geodetic Research and Development Laboratory; and Dr. Charles A. Whitten, Chief Geodesist, will either preside at sessions or present papers. Other participants include Lt. Cdr. Freddie L. Jeffries, Roy O. Williamson, Buford K. Meade, Lt. Cdr. Kenneth F. Burke, William Kuncis, Jeanne H. Holdahl, Dorothy E. Dubester, Lt. John K. Callahan, Jr., and Gordon Littlepage.

## NWS Region NAGE Sign Supplemental Agreement



The Central Region Council of the National Association of Government Employees Locals and the National Weather Service's Central Region recently signed a Supplemental Agreement to the NAGE Multi-Unit Agreement. Shown above are the NWS employees who participated in the negotiations as Mr. Roy L. Fox, Central Region Director, signed the agreement. Left to right, seated: Harvey A. Taylor, Eugene P. Remington, Roy L. Fox, and R. M. Lumpkin. Standing, left to right: Robert H. Nolen, Hubert M. McNamee, and Morris L. Bain.

## Educational Campaign Boosts Oyster Sales

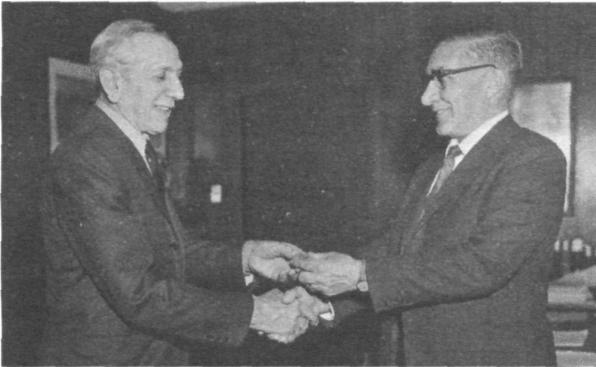
Industry sources report that the large crop of Long Island and Chesapeake Bay oysters are not creating the excess supply which was anticipated. Mrs. Libby Wallace, Executive Secretary, Shellfish Institute of North America, has indicated that much of the improvement in the sales picture can be attributed to an educational campaign undertaken by NMFS Marketing Services personnel.

The campaign has concentrated on informing consumers and the trade, through food editor press releases, appearances on radio and television, and food trade contacts, about the increased availability of oysters and encouraging their use.

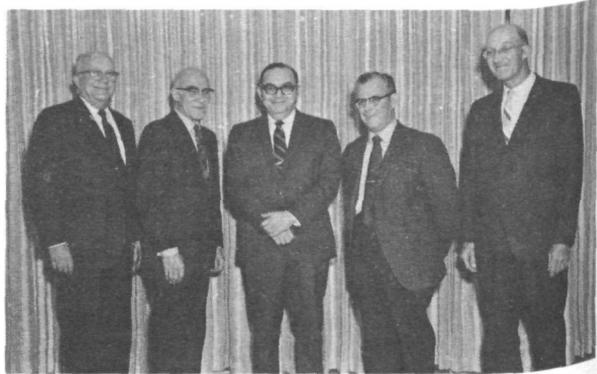
## Haggard Attends EEO Conference in Atlanta

William Haggard, Director of the Environmental Data Service's National Climatic Center, Asheville, N.C., and the local Equal Employment Opportunity Officer, attended a four-day EEO conference and training program in Atlanta, Ga., during the week of February 15. The meeting was coordinated by the Atlanta Region Civil Service Commission.

## Four NOS, One NWS Employee Honored for Federal Service



William Shofnos, Technical Assistant to the Chief of the Oceanography Division, NOS (left), receives a 45-year length-of-service pin from Rear Admiral Don A. Jones, NOS Director.



Four NOAA employees received 40-year length-of-service awards from Dr. Robert M. White, NOAA Administrator, in a headquarters' ceremony, Feb. 17. Shown left to right, are: Charles A. Whitten, Chief Geodesist, NOS Office of Geodesy and Photogrammetry; J. Malcolm Symons, Chief, Tides and Currents Branch, NOS Oceanography Division; Dr. White; Buford K. Meade, Chief, Triangulation Branch, NOS Geodesy Division; and Calvin W. Cochran, Research Meteorologist, NWS Hydrometeorological Branch.

### Length-of-Service Awards

The following employees are eligible for length-of-service awards as indicated.

#### NWS Western Region - December 1970, January and February 1971

40 years - Adolph A. Bander, WRH. 35 years - Ramona A. Coon, Sacramento; Russell D. Blomberg, Los Angeles; and Anthony J. Polos, Portland, Oreg. 30 years - William C. Enloe, Sacramento; Kenneth H. Erickson, Seattle; William B. Keating, Spokane, Wash.; Russell K. Knierim, Spokane; Robert R. McGlon, Medford, Oreg.; Thomas J. Weitz, Walla Walla, Wash.; Clyde H. Holmes, San Francisco; Fred C. Miller, Olympia, Wash.; Jack R. Renshaw, Salt Lake City; and Arthur H. Hosick, Boise, Idaho; R. Clark Neilson, Great Falls, Mont.; E. Arlo Richardson, Logan, Utah; and Herbert A. Wright, Salt Lake City. 25 years - Alva J. Jones, Spokane, Wash.; Sidney O. Howick, Portland, Oreg.; William E. Rudolph, San Diego; Harold J. Shellum, San Francisco. 20 years - Fern B. Reid, Salt Lake City; Robert O. Cox, Spokane, Wash.; and Munihihi Maeda, Sacramento, Calif.; LaRue A. Hansen, WRH; James J. Koch, Tucson, Ariz.; and Vernon L. Mattox, Salem, Oreg.

#### NWS Pacific Region (Honolulu)

25 years - John P. Lee, WSFO Kwajalein, and William J. Taliaferro, Pacific Region headquarters.

#### NWS Eastern Region - January, February, and March

40 years - William B. Chappell, Raleigh, N.C.; and John M. Cohen, Boston. 35 years - Frederick Oplinger, Cleveland. 30 years - Philbert G. Stewart, Washing-

ton, D.C.; Rue E. Rush, Raleigh, N.C.; and Joseph E. Turner, Cleveland. 25 years - Hazel Tatro, Greensboro, N.C.; Carl N. Hollis, Cape Hatteras, N.C.; Robert D. Bottom, Norfolk, Va.; Earl H. Gillette, New York; and N. Lester Troast, Jr., Wallops, Island, Va. 20 years - Carlos R. Dunn, ERH; William D. Lockhart, Washington, D.C.; Walter O. Nelson, Boston; William Lamprakos, Newark, N.J.; Robert J. Werner, Washington, D.C.; Frederick W. Schaefer, Boston; Forest B. Varble, Dayton, Ohio; and Richard C. Sawyer.

#### NWS Central Region - January and February

30 years - Wilson Floe, Concordia, Kans.; Charles E. Hardy, Lexington, Ky.; Donald E. Klein, Bismarck, N. Dak.; Donald W. Comstock, Cheyenne, Wyo.; and Charles Stwertnik, Chicago. 25 years - Clinton E. Fowler, Huron, S. Dak.; Joseph B. Adams, Jr., Peoria, Ill.; Richard A. Micka, Omaha, Nebr.; and Leonard Williams, Kansas City, Mo. 20 years - Wayne N. Storch, Joliet, Ill.

#### Mid-Continent Field Area, C&GS - Jan.

25 years - Richard F. Hanson, Mark Maintenance Branch, Kansas City. 20 years - Robert P. Konrady, Triangulation Party G-18, Kansas City, Mo.

continued

## Shapley Chairs London Meeting On Solar-Terrestrial Monitoring



During February, A. H. Shapley, Director of ERL's Office of Geophysical Monitoring, presided over a two-day London meeting of the Joint Exploratory Committee on Cooperation in Solar-Terrestrial Monitoring, a joint activity of the Inter-Union Commission on Solar-Terrestrial Physics

(IUCSTP) and the World Meteorological Organization (WMO). Mr. Shapley is Chairman of the IUCSTP Working Group I on Solar-Terrestrial Monitoring. The meeting was held to propose a system to increase IUCSTP-WMO cooperation in solar-terrestrial monitoring activities and in the telecommunications exchange of monitoring data.

## Lake Survey Observes 130th Birthday

The Lake Survey Center observed its 130th anniversary on March 3. The Lake Survey District of the Corps of Engineers was established on March 3, 1841 by an Act of Congress to provide accurate charts of the Great Lakes. The Lake Survey's mission has undergone radical change. Charting responsibilities have been expanded to include such areas as Lake Champlain and the Minnesota-Ontario Border Lakes.

## EDS Centers To Log Foreign Seismic Data

The National Research Council of the National Academy of Sciences is assisting the Environmental Data Service in encouraging additional foreign seismic stations to send their seismograms to NOAA's Seismological Data Centers. Thus far, stations at Darwin, Australia; Zonda, Argentina; Lwiro, Congo Republic, and Hyderabad, India, have agreed to routinely forward their records to the EDS data center in Asheville, North Carolina. This effort is being made in response to several recommendations from the scientific community to add more international data points to the seismological center's data base.

## Helena, Mont., Honors Dightman As Top 1970 Federal Employee



Lee Mills (left), president of the Helena Federal Business Association, presents award to Mr. Dightman.

Richard A. Dightman, meteorologist in charge of the Helena, Mont., Weather Service Office since 1947, has been named Helena Federal Employee of the Year for 1970. Mr. Dightman was selected by the Helena Federal Business Association in recognition of his outstanding achievement as a Civil Service employee, and for generous contribution of personal time and effort in service to the Helena community. A veteran of 40 years with the Weather Service, Mr. Dightman's former assignments have been as an observer and meteorologist forecaster. In addition to serving as MIC, he is also state user services representative, state aviation liaison officer, supervisor of the Helena River District Office, and network manager for climatology within the state. In 1966, he received the NWS Western Region's Special Service Award in recognition of his public service, and in 1967, was awarded the Department of Commerce Bronze Medal for outstanding service with the National Weather Service.

## New Map Published in Chesapeake Bay Series

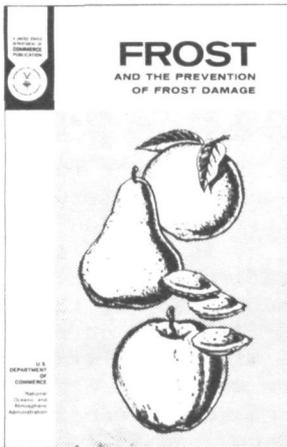
The third of a series of 15 maps of the bottom of Chesapeake Bay has been published by the National Ocean Survey. The bathymetric map extends from Love Pt., Kent Island, north to and including Bush River. Tributaries include the Patapsco, Magothy, Gunpowder and Back Rivers. The new map (No. 07638-3902-Chesapeake Bay-Baltimore-Plate 1) may be purchased for \$2 from the National Ocean Survey, Distribution Division (C44), Washington, D. C. 20235.

## PATHFINDER Crewmen Honored For Shipboard Service



Captain H. R. Lippold (far left) recently presented length-of-service awards to four personnel aboard the NOAA Ship PATHFINDER. Receiving the awards were, left to right: Richard Mears, Engineering Department, 15 years; Cornello Quinana, Chief Steward, 30 years; John R. Schmitz, Chief Engineer, 15 years; and Iverson Mason, Engineering Department, 15 years. Cdr. S. Miller, PATHFINDER Executive Officer is at right.

## Swift and Rogers Revise Farmers' Bulletin



An extensive revision of the old Farmers' Bulletin, "Frost and the Prevention of Frost Damage," has been published and is being distributed to National Weather Service field stations. This revision by William J. Rogers, fruit-frost specialist of Pomona, Calif., and Harry L. Swift of NWS's Agriculture

and Forestry Weather Services, is the first major change in the original bulletin since its first printing in 1928. The first part of the bulletin describes the changes that take place at and near the earth's surface on a frosty night so that growers can understand how their protective devices operate. The larger portion discusses various methods and devices now in use to protect against frost, together with an expanded chapter on critical temperatures that affect crops. Copies are available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 at 25¢ a copy.

## Addressing Services Section Cited for Special Achievement



Five employees of the NOS Distribution Division's Addressing Services Section were recently given cash incentive awards for sustained special achievement. During the past four years, these employees increased plate impressions by 58 percent, while their file of addressing plates increased by 112 percent. Shown with James E. Hilliard, Chief of the Addressing Services Section (far right), are (left to right): Joyce V. Gilbert, Edison J. Hill, Beatrice E. Avery, Mary E. Holmes, and Willett B. Hilleary.

## Time-Off for Voting Explained

Many NOAA employees in the Washington Metropolitan area will, no doubt, be voting in the March 23rd election for District of Columbia delegate to the House of Representatives. Absences from duty for this purpose are governed by the same basic executive policy which applies to general elections, and which provides, in part:

1. As a general rule, where the polls are not open at least three hours either before or after an employee's regular hours of work, he may be granted an amount of excused leave which will permit him to report for work three hours after the polls open or leave work three hours before the polls close, whichever requires the lesser amount of time off.

2. Under exceptional circumstances where the general rule does not permit sufficient time, an employee may be excused for whatever additional time as may be needed to enable him to vote, depending upon the particular circumstances in his individual case, but not to exceed a full day.

Items to be considered for publication in NOAA WEEK should be submitted to: Office of Public Information, NOAA, Room 804, Bldg. 5, Rockville, Md. 20852. Phone (301) 496-8243.

# **National Oceanic and Atmospheric Administration**

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