

## NOAA Agreement To Aid Land/Water Users

### A Message From the Administrator

In a December 1977 letter to all employees, published in the NOAA EEO Newsletter, I announced that an assessment of NOAA's internal EEO programs and organizational structure would be undertaken to ensure that we have the best possible mechanisms for accomplishing our equal employment opportunity goals. As a result of that assessment, the Assistant Administrator for Administration, the NOAA EEO officer, the General Counsel, the NOAA EEO Committee, the Acting Deputy Administrator and the Assistant Administrator for Policy and Planning unanimously recommended that we should create a new office, the Office of Civil Rights, responsible for carrying out all of the ongoing EEO programs and for initiating new programs and practices. I concur in that recommendation.

The new office will include the following operating elements:

- The EEO Office, which handles all EEO complaints.
- The Special Emphasis Program Section, with the exception of the Co-op Program, which will be transferred from the Personnel Division. The Co-op Program will remain in the Personnel Division in cooperation with Civil Rights on matters involving equal employment opportunities.
- The Race Relations Training Program, which will be transferred from the Personnel Division.
- Responsibility for monitoring compliance with the Civil Rights Act, in coordination with the Office of General Counsel.
- The position of Director of the Office of Civil Rights will be established.

I have asked Paul Leventhal, Assistant Administrator for Policy and Planning, to collaborate with Ted Gleiter, Assistant Administrator for Administration; Ralph Reeder, Personnel Division Chief; Barbara Gainey, EEO Officer; Ellen Overton, Federal Women's Program Coordinator; Anita Daymude, Spanish Speaking Program Coordinator; Frank Christhilf, Handicapped Coordinator; and Donny Jiron, Chairperson, NOAA EEO Committee, in nominating a group of exceptional candidates for the new position of Director of the Office of Civil Rights. I have asked them to proceed promptly.

*(Continued on p. 2)*

## More Canned Salmon Eaten In First Half of 1977

Canned salmon consumption in the first half of 1977 was 50 percent above the first half of 1976 as prices of major fishery products hit record levels, according to an economic analysis just released by National Marine Fisheries Service.

NMFS's report said supplies of tuna were restricted, result-

ing in increased prices and fewer sales, because the U.S. tuna fleet remained in port for about two months.

Salmon exports doubled, principally because of Japan's heavy buying of fresh and frozen salmon, but continued above-average production of

*(Continued on p. 2)*

NOAA and the Interior Department's Fish and Wildlife Service (FWS) have signed an agreement expected to provide improved services to the country's landowners and land and water users.

The agreement, by NOAA Administrator Richard A. Frank and FWS's Director Lynn A. Greenwalt, establishes formal cooperation between NOAA's Marine Advisory Service programs and those of the Fish and Wildlife Service, especially in such activities as wetlands research and assistance to water users.

Cooperation, according to the agreement, will include such areas of mutual concern as the preparation of educational and research programs, the dissemination of information to the

public, and the exchange of data routinely collected by field agents in the course of their research.

A similar agreement was signed late last year between the Fish and Wildlife Service and the Agriculture Department's Extension Service.

Cooperation among the three Federal agencies is not new. The Fish and Wildlife Service has been active in working with the Extension Service for more than 40 years, and there has been considerable cooperation between the Marine Advisory Service and Extension Service ever since the former was created in 1966.

The creation of the formal agreement, however, is taken as a salutary sign by those con-

*(Continued on p. 2)*

## Effect of Waste Dumping Probed Under NOAA Grant

The environmental effects of dumping pharmaceutical wastes at a site about 40 miles north of Arecibo, Puerto Rico, will be investigated next month by three universities under \$350,000 in NOAA grants.

Dr. P. Kilho Park, manager of NOS's Ocean Dumping Program, said the biological effects, chemical fates, and dispersement of about one million gallons of waste will be studied. On-site activities will concentrate upon dispersion of waste plumes, while laboratory work will focus upon the specific effects of the wastes on different types of marine organisms including fish and other marine life.

The scientific party is under the direction of Drs. Michael Devine and Edward R. Meyer of the Ocean Dumping Program, and includes scientists from the Chemistry and Oceanography Departments at Texas

A&M, and NOAA's Atlantic Oceanographic and Meteorological Laboratories in Miami, Fla.

The wastes, to be shipped by barge from Puerto Rico in several weeks, will include organic solvents and the remains of antibiotics production such as penicillin. After being dumped, they will be tracked by the research vessel Knorr of Woods Hole Oceanographic Institution, and by a NASA aircraft from the Langley Research Center.

Universities receiving grants for the monitoring program from the Commerce Department agency are Texas A&M University, College Station, Tex. (\$230,000); the Marine Science Institute of the University of Texas, Port Aransas, Tex. (\$105,001); and Johns Hopkins University's Chesapeake Bay Institute, Baltimore, Md. (\$42,000).

(Continued from page 1)

The Office of Civil Rights will begin functioning and responsibility will be transferred to it as soon as the Director is selected and comes on board at NOAA.

Four major problems must be solved to ensure real EEO progress.

1. NOAA has no system for setting EEO goals and evaluating its performance in meeting those goals.

2. NOAA EEO functions have been buried in the bureaucracy.

3. NOAA has no system for enforcement of EEO obligations.

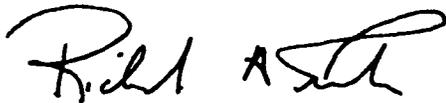
4. The educational system from which NOAA draws its scientific and technical personnel perpetuates the imbalances in the labor pool.

This reorganization addresses only one of these issues—the internal organization of NOAA EEO functions. Evaluation, enforcement and increasing the numbers of women and minorities in the labor pool remain to be tackled.

In an earlier memorandum, I asked all MLC's and MPE's to set realistic targets for hiring qualified women and minorities at all grade levels, to identify specific barriers to EEO performance and to develop plans to overcome these barriers. The NOAA Personnel Handbook is being amended to provide guidance on including EEO performance in the evaluation of all personnel.

NOAA must, through the Sea Grant Program, its public affairs program and all of its outside contracting, act affirmatively to increase the number of women and minorities in the labor pool from which we draw.

Finally, each of us must make EEO work in our day-to-day conduct on the job, in our contacts with the public and each other and in our sensitivity and concern in the routine of everyday activities.



Richard A. Frank  
NOAA Administrator

## Coastal Energy Impact Program Grant to Maryland

The State of Maryland has received a \$76,640 grant from NOAA's Office of Coastal Zone Management to assist in planning for the impacts of increased coastal energy development.

Funds were allotted through OCZM's Coastal Energy Impact Program. The money will be used to plan for the social, economic, and environmental consequences of the proposed refinery at Hawkins Point in Baltimore, and to develop and put into effect a process by which the State will reallocate some of the funds to local jurisdictions impacted by energy

development.

This is the first grant to Maryland under the program, which allots funds annually to States according to the level of Outer Continental Shelf or coastal energy development off their coasts. The States are responsible in turn for reallocating funds to their local governments through a Federally approved intrastate allocation process.

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## Next Three GOES Spacecraft Contracted by NASA for NOAA

Hughes Aircraft Company's Space and Communications Group in El Segundo, Calif., has been selected for negotiation of a contract of about \$33 million to build the next three GOES spacecraft for NOAA, according to E. Larry Heacock, Director of the Office of Systems Integration, NESS.

The geostationary satellites are developed and procured for NOAA by NASA, which made the selection. The spacecraft, before launch, will be designated GOES-D, E and F, and, after launch, GOES-4, 5, and 6. GOES-D is scheduled for launch in 1980.

Capable of being launched either by a Delta rocket or from the Space Shuttle once it is operational, the latest satellites in the SMS-GOES series will

carry a Visible infrared spin scanner radiometer Atmospheric Sounder (VAS). This improved instrument will produce day and night cloud cover images. VAS also can produce vertical soundings, and this capability will be evaluated soon after GOES-D launch to permit an assessment of its operational value.

### Salmon (From p. 1)

canned salmon in the remainder of 1977 should sustain supplies and consumption at the level of a year ago.

Higher prices for major fishery products have caused increased price competition with meat and poultry and may have begun to affect sales of some finfish products.

## Russian Scientists Visit ERL Solar Forecasters

Solar activity brought a trio of Russian scientists to Boulder, Colo., in December as guests of ERL's Space Environment Laboratory. They visited under an international solar activity forecasting exchange program.

The three scientists, Drs. Gor Ivanov-Kholodny, Pavel Svidsky, and Valery Feberov, are visiting the Space Environment Services Center, part of an international network of observatories that monitor solar activity constantly.

Ivanov-Kholodny is in charge of several laboratories at the Institute of Applied Physics in Moscow, a center which predicts disruptions to communications equipment from solar magnetic storms. Svidsky is the chief forecaster at that facility, and Feberov is an administrator at the Soviet Hydrometeorological Service headquarters.

To augment their observations in practical solar activity forecasting, the Soviet scientists also visited Kitt Peak Observatory in the Baboquivari mountains southwest of Tucson, Ariz., Mt. Wilson

Observatory near Los Angeles, and Stanford University in Palo Alto, Calif.

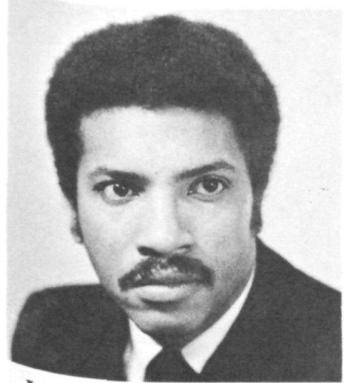
As part of the scientific exchange, Howard H. Sargent of the Space Environment Services Center recently completed an eleven-week visit to several Soviet scientific centers including the Institute of Applied Geophysics in Moscow, the Main Geophysical Observatory in Leningrad, the Crimean Astrophysical Observatory, the Kislovodsk Observatory in the Caucasus mountains, and two observatories in Irkutsk, Russia. Ivanov-Kholodny will remain at NOAA's Space Environment Services Center for four weeks.

### Users (From p. 1)

cerned with America's water resources. For the first time there will be an institutional arrangement bringing together experts in the Fish and Wildlife Service with their counterparts in land and sea grant universities in the 50 states, Puerto Rico, Guam, the Virgin Islands, and the District of Columbia.

# Two NOAA Corps Officers Contribute to MESA Project

Lt. Cdr. Clarence W. Tignor and Lt. David Pasciuti have been awarded NOAA's Special Achievement Award while assigned to the MESA New York Bight Project.



Lt. Cdr. Clarence W. Tignor

Lt. Cdr. Tignor, who received \$1,200, installed, with the assistance of a National Park Service engineer, a shore power facility which provided a taxpayer savings of some \$27,000.

MESA Project Manager Cdr. R. L. Swanson said that Tignor took on this project strictly on his own initiative showing exceptional ingenuity and ability, accomplishing significant savings in money, time, and manpower. This resulted in more efficient operations while

increasing crew morale substantially."

Lt. Pasciuti received \$400 for refitting a fresh-water catamaran for the MESA project in addition to his regular duties as



Lt. David Pasciuti

Assistant Operations Officer.

"Lt. Pasciuti's accomplishment in making the launch seaworthy and putting her in service saved a considerable dollar outlay," Swanson said. The tangible savings were estimated to be \$7,000.

*NOAA NEWS* moved on January 16 to the Rockwall Building in Rockville. The mailing address remains the same: PA, NOAA, 6010 Executive Blvd., Rockville, Md. 20852. The phone numbers also are the same.

## Every Person is Welcome

# NOAA Women May Join CCW

At noon on February 9 in Room 909, WSC-5 in Rockville, NOAA employees who belong to the Commerce Committee for Women (CCW), acting as a steering committee, will explain the steps needed to organize a NOAA chapter of CCW.

On January 19, at the most recent meeting of this series, Ellen Overton, the NOAA Federal Women's Program Coordinator, spoke about her experiences at the recent National Women's Conference in Houston. The conference acted on the resolutions evolved from 56 State and territorial meetings held during the past year, organized by the International Women's Year Commission.

More than 50 persons attended a film showing and discussion on December 2, and a large number of them responded to a questionnaire as follows: Highest interest is in discussions or workshops on work-related skills; general subjects of interest to women; problem-solving sessions on work-related subjects and other women's issues; training; career development; setting up communication channels among NOAA and Federal government women; and advocating women

to NOAA management. Additional topics of interest are, newsletter, Equal Rights Amendment, rape prevention, SF-171 workshop, and social programs.

This survey will guide the steering committee during the CCW chapter formative phase. Anyone interested in participating who cannot attend on February 9 should contact Ann Terbush at 443-8197.

## Science Career Programs Given

With the support and cooperation of NOAA's Motion Picture Service, Rockville, the EEO Committee at the National Hurricane Center in Miami, Fla., has provided Science/Career Opportunity Programs for 6,000 students of public and private schools in the Dade and Broward (County) area since October 1977. Occupational specialists, teachers, and the students themselves, have helped to develop NHC's program by providing constructive feedback to the EEOC. As part of this project, 20 of NOAA's films were reviewed and rated for classroom suitability at the 6th-through 12th-grade levels.

## NOAA NEWS

Published biweekly at Rockville, Md., by the Office of Public Affairs for the information of employees of the Commerce Department's National Oceanic and Atmospheric Administration.

Articles to be considered for publication should be submitted at least 10 days in advance to *NOAA News*, Room 221, WSC5, Office of Public Affairs, National Oceanic and Atmospheric Administration, Rockville, Md., 20852.

*NOAA News* reserves the right to make corrections, changes or deletions in submitted copy in conformity with the policies of the paper of the Administration.

Nancy Pridgeon, Editor  
Warren W. Buck, Jr., Art Director

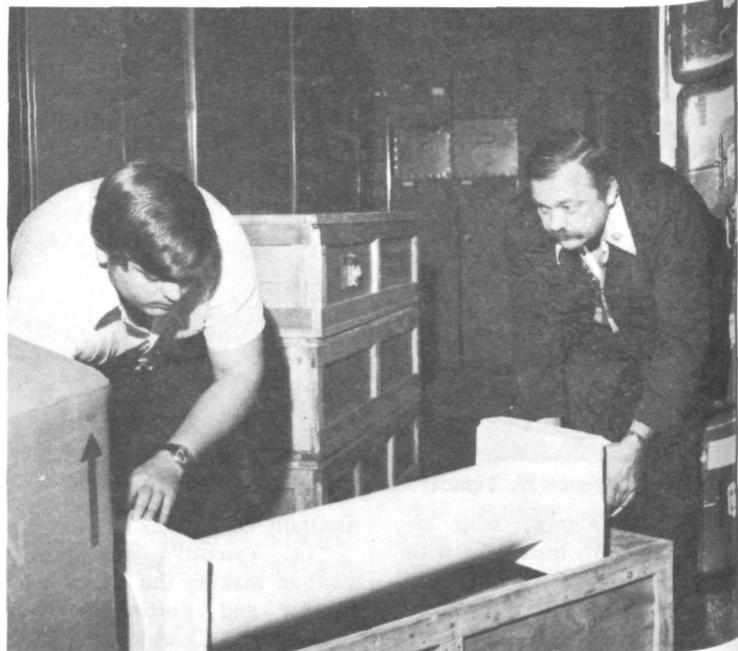


In early December Boulder Laboratories employees were asked to bring in new and used toys, for a toy drive supported by the Boulder Laboratories Employees Association. On December 15, a total of 125 presents, many of them gift wrapped, were distributed to Project Head Start and to the Boulder Council of Churches' Share-a-Gift program. Shown with a pickup truck full of toys in front of the Boulder Labs are, left to right, Andy Smith of NOAA, Dave McClary of NBS, and Karl Simes, president of the Employees Association. Smith was chairman of the toy drive.

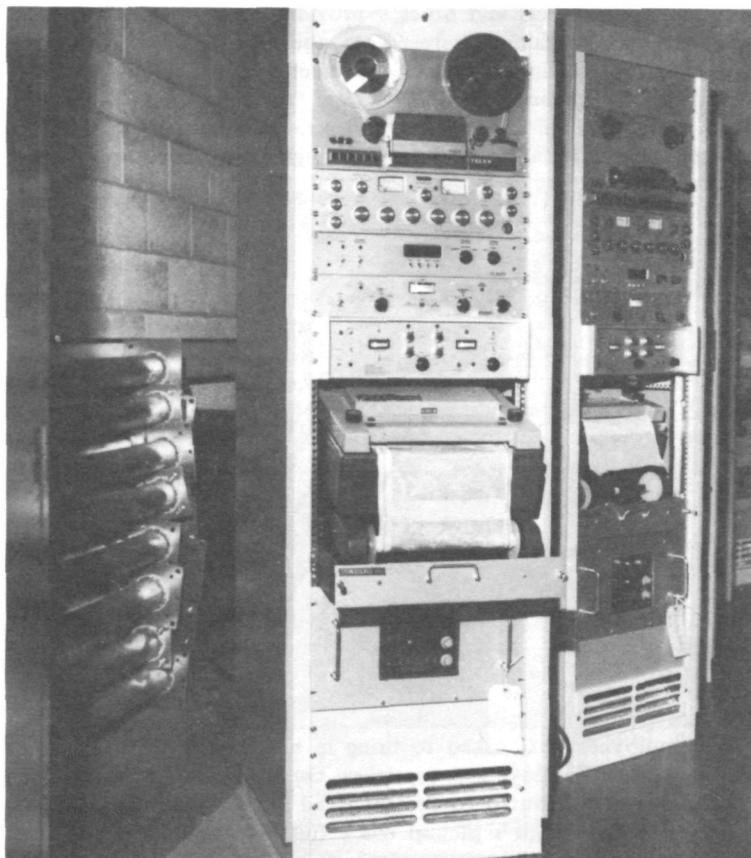
# Twenty-two Countries Will Receive Automatic



First test of equipment—all is well!



Rich and son Craig load an antenna for shipment.



Assembled and tested racks wait for packing.

Ed Rich of NESS' Office of Systems Engineering is looking for a king-sized suitcase—one large enough to carry all he and his wife will need for a 12-month, 22-country trip set to begin in a matter of weeks.

Rich and his wife will visit countries in the Caribbean, Central and South America, Africa, and the Near and Far East, where the NESS Technician will supervise installation of ground stations to receive Automatic Picture Transmission data from the new TIROS-N system satellites, the existing NOAA-5, and, on the U.S. side of the globe, WEFAX data from the GOES satellites.

The journey will conclude an exhausting yet exhilarating experience for Rich; responsibility for assembling, testing,

# ... Thanks to NESS's Ed Rich

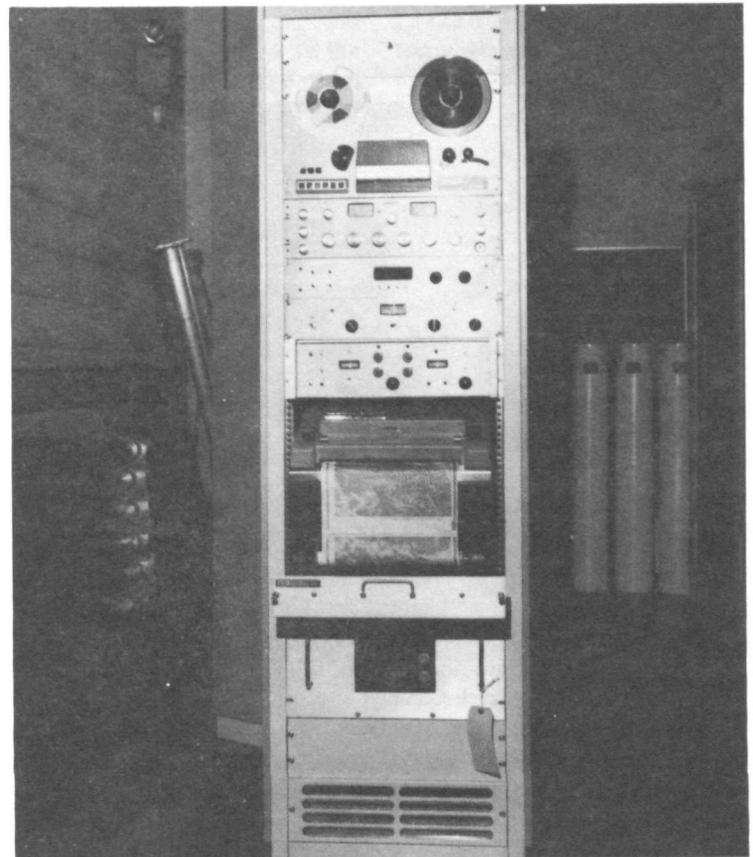


Ed's wife, Joan, is right at home wiring up equipment.

delivering, and installing the ground stations as part of the World Meteorological Organization's Voluntary Assistance Program.

For months, Rich—often aided by his wife and 22-year-old son, both caught up in Rich's enthusiasm—has been assembling the complex electronics systems in facilities provided by Goddard Space Flight Center.

Rich and Goddard's Chuck Verrillion, former co-workers and both with organizational responsibilities in satellite direct readout, created the in-house assembly effort when it became apparent that more traditional methods would not meet the fast-approaching deadline created by the forthcoming launch of TIROS-N.



Completed rack.

## NOAA-ites Receive Suggestions Awards, July 1 Through Sept. 30

Name	Amount	Suggestion
Scholten, Calvin and Watkins, Walter	\$315 (ea.)	Azimuth Timing Belt Drive for WSR-57 Radar
Cegiel, Walter	\$ 25	Elimination of Coastal Reports Answering Service
Doran, Ronald	Cert.	Rawinsonde Heights Comparison by Months
Finke, Brian	\$150	Pilot Balloon Reduction-Hand Computer
Butler, Stephen	\$ 50	Retention of System Tapes for 3610 Upper Air Minicomputer System
Detrick, George M.	\$290	Energy Conservation (Electrolytic Hydrogen Generator)
Shelley, Jay H. and Mays, Charles E.	\$ 17.50 (ea.)	Jack Box for Emergency Console Switchover
Fortenberry, Stephen W. and Phipps, Carl L.	\$100 (ea.)	Deletion of WS Form A-4, Station History
Barker, Ben P. Jr.	\$ 25	NOAA Form 37-4 (Separation)
Goldstein, Eric J.	\$650	BNC Crimping Tool for RG-58 and RG-59 Coaxial Cable
Bateman, Ed L.	\$350	Modify Equipment Repair Service
Hatton, Jane	\$ 25	Provide for American Sign Language Interpreter at EDS/Boulder Meetings
Randall, Billie D.	\$150	Commutator Brush Improvement
Lewis, William D.	\$100	Accidental Erasures of Prerecorded Safety Rule Tapes
Curran, John T.	\$ 50	Improvement of Efficiency of FOWS80 Transmission
Hales, John E.	\$ 25	SELS Teletype Circuit Effectiveness
Galvin, Linda A.	\$ 50	Trip Planner
Greco, William V.	\$ 50	Indentation of Preliminary Watches
Ritter, Terry A.	\$ 50	Phone Line Rental Savings for Tide Gages
Greco, William V.	\$ 50	Selected Cities Weather Summary ABUS15 KWBC Part 5 National Temperature Extremes
Hostrander, Thomas E.	\$ 50	Improvement of Telephone Service
Jennings, Thomas R.	\$150	Frequency of Gustiness in Marine Coastal Observations
Jamero, Teresa E.	\$100	Revision of Coding Aid Sheets, Appendix II of NOAA Personnel ADP Systems Handbook
Lander, Betty B.	\$100	Identification Cards
Kroon, Lucille M.	\$150	The Recording of Documents on Kardex with Pertinent Information at Eye Level for Ready Identification
Actor, David I.	\$ 50	Mylar Underlay Protractor
Tisdall, Jacob A.	\$ 75	Portable Condensed Catalog and Record File
Roman, Charles M. and Dixon, James	\$ 60 (ea.)	The Use of Solar Energy to Power NOS Tide Gages
Atkinson, Elizabeth A.	\$ 25	Assigning Requisitioner Document No. within an FMC
Dinardi, Demetrio A.	\$ 25	Equal Interval Template for Tidal Current Chart Diagrams
Cator, Richard T.	\$ 25	See Attached Catalog
Ashby, Charlotte M.	\$ 50	NOAA Directory - Information Sources
Amacher, LaRue F.	\$ 40	Real Time Video Animated Radar
Thompson, David K.	\$ 25	NOAA Seal on NOS Aeronautical Charts
Gudger, Leon O.	\$ 25	Charting Light Sectors and Nominal Range

## NOAA Personnel Division Lists Current Vacancies

Announcement No.	Position Title	Grade	MLC	Location	Issue Date	Closing Date
213-78	Fishery Marketing Specialist	GS-11	NMFS	St. Petersburg, Fla.	1/12/78	1/26/78
214-78	Meteorologist (2 positions)	GS-13	NWS	Anchorage, Alaska	1/12/78	1/26/78
202-78	Research Chemist	GS-11	NMFS	Charleston, S.C.	1/10/78	1/31/78
203-78	Computer Specialist	GS-12	EDS	Washington, D.C.	1/10/78	1/31/78
215-78	Meteorologist (Lead Forecaster)	GS-12	NWS	Juneau, Alaska	1/17/78	1/31/78
216-78	Hydrologic Technician (Hydrologic Specialist)	GS-9	NWS	Pittsburgh, Pa.	1/17/78	1/31/78
221-78	Computer Programmer	GS-7	EDS	Asheville, N.C.	1/17/78	1/31/78
222-78	Supervisory Oceanographer	GS-13	NMFS	Monterey, Calif.	1/17/78	1/31/78

## CALENDAR OF EVENTS

- Feb. 26-March 4  
Washington, D.C.  
American Congress on Surveying and Mapping/American Society of Photogrammetry Annual Convention, Washington and Interpreting the Shape of Things." (Contact: Ron Brewer, ACSM-ASP Convention, 9206 Fairhaven Ave., Upper Marlboro, Md. 20870.)
- April 17-21  
Miami Beach, Fla.  
1978 Spring Meeting of American Geophysical Union, at the Deauville and Carillon hotels in Miami Beach. (Contact: Meetings Registration, AGU, 1909 K St., NW, Washington, D.C. 20006.)
- May 2-5  
Los Angeles, Calif.  
Conferences on Flash Floods, sponsored by American Meteorological Society, supported by AGU, Army Corps of Engineers, NOAA, University of Colorado, State of California, Airport Marina Hotel. Two conferences will be held—Hydrometeorological Aspects of Flash Floods and Human Aspects of Flash Floods. (Contact: Dr. Eugene L. Peck, Conference on Flash Floods, Hydrologic Research Laboratory W23, National Weather Service, Silver Spring, Md. 20910, (301) 427-7619.)
- May 9-11  
Windsor, Ont.  
21st Annual Conference of International Association for Great Lakes Research. (Contact: Marie Sanderson, Conference Chairman, Dept. of Geography, University of Windsor, Windsor, Ontario N9B 3P4.)

## OBITUARIES

### Robert K. DeLawder

Robert K. De Lawder, Manager, Chart Planning and Technology Group, Marine Chart Division, National Ocean Survey, died suddenly on December 28, 1977. He came to the Coast and Geodetic Survey in 1946 after serving as a bomber pilot in the Europe-Africa-Middle East area where he flew 34 combat missions. He received the Purple Heart and numerous other citations while in the service. De Lawder was presented the Department of Commerce Silver Medal on October 26, 1977, for his work in the production of the first metric nautical chart, the National Ocean Survey's International Charts, and for the charting of the United States' marine boundaries and limits.

As focal point for chart modernization and metrication programs and the establishment of survey and other requirements for charting, he was recently writing the National Ocean Survey's 10-year Nautical Charting Plan.

### Willard Dickinson

Willard Dickinson, retired Weather Bureau hydrologist, died Nov. 21, 1977, at a convalescent home near his residence in Connecticut. He last worked for the Hydrological Services at the Old Main Building, 24th and M Sts., in Washington, D.C. He is survived by his wife, Marie Dickinson, 23 Russell Road., Milldale, Conn. 06467.

### Welby R. Stevens

Welby R. Stevens, 75, retired meteorologist, died Dec. 7, 1977, in Orlando, Fla. Stevens entered the Weather Bureau in Montgomery, Ala., in 1923, transferring to New Orleans, La., as District Forecaster in 1935. He was Principal Assistant at the New Orleans Forecast Office for many years where he specialized in hurricane forecasting. He later served as MIC at Lincoln, Neb., and retired to Orlando in 1959. He was a member of AGU and AMS.

## NOTES ABOUT PEOPLE

Robert H. Reece, Principal Assistant at the San Francisco Weather Service Forecast Office since 1972, has been named Meteorologist in Charge of the Weather Service Forecast Office in Los Angeles, Calif. He succeeds Joseph Vederman, who has retired.



Robert H. Reece

Reece entered the National Weather Service in 1946 following World War II service as an Air Force weather officer. His other NWS assignments have included Salt Lake City, Utah; Pomona, Calif.; Boise, Idaho; Phoenix and Ft. Huachuca, Ariz.; Albuquerque, N.M., and Weather Service Headquarters. As a reserve officer he was recalled to active duty with the Air Force during the Korean

Conflict and served two years as a weather officer in the USAF Weather Central in Tokyo, Japan.

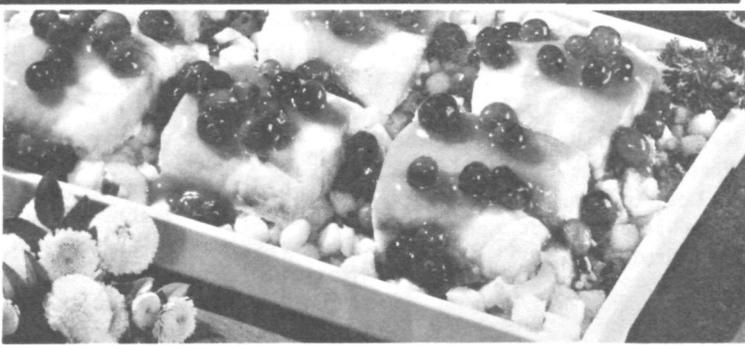
In keeping with the spirit of the holiday season, Ethel Howard (Federal Women's Program Coordinator for National Hurricane Center's EEOC)—launched a successful drive to collect "toys for tots"—mainly for disadvantaged minority group children, and the children of migrant workers in the South Florida area. In addition, books and small personal gifts were collected and distributed to women in the Dade County Detention Facility. Joining Howard in this program were: Karen Russell and Albertha Saunders of NHC's EEOC; and Frances Humphreys of NHC's Communications Unit.

John Jamison, Administrative Assistant at NHC, Miami, has received an Associate of Arts degree from Miami-Dade Community College. In hot pursuit of a bachelor's degree in business administration, he is currently in his junior year at Florida International University, Miami—taking 15 credits while working full time.



Howard A. Friedman, Meteorologist at the National Hurricane Center in Miami, has received the 1977 Speakers Bureau Award, "for outstanding leadership of the Local Speakers Bureau, Greater Miami Chapter, American Meteorological Society." Friedman (left), who has served as the Chairman of the Local Speakers Bureau for the past two years, was presented with the award by Mr. Charles Neumann, Chairman of the Greater Miami Chapter, AMS.

## FROM THE GALLEY



### FISH FILLETS

2 pounds thick fish fillets, fresh or frozen	4 cups soft bread cubes (1/2-inch)
1 cup sliced celery	1/2 cup chopped pecans
1/3 cup chopped onions	1 1/4 teaspoons salt
6 tablespoons margarine or cooking oil	1 teaspoon grated orange rind
	1/4 cup orange juice

Cranberry-Orange Sauce

Thaw fish if frozen. Cut fillets into serving-size portions. Cook celery and onions in a 10-inch fry pan in 4 tablespoons margarine until tender but not brown. Stir in bread cubes, pecans, 1/4 teaspoon salt, orange rind, and orange juice. Turn stuffing into well-greased baking dish, 12 by 8 by 2 inches. Arrange fish in a single layer on stuffing. Drizzle remaining two tablespoons melted margarine over fish. Sprinkle with 1 teaspoon salt. Bake in a moderate oven, 350 degrees F., 25 to 30 minutes or until fish flakes easily when tested with a fork. Serve with Cranberry-Orange Sauce. Makes 6 servings.

### CRANBERRY-ORANGE SAUCE

1/3 cup sugar	1/2 cup water
2 teaspoons cornstarch	1 cup raw cranberries
1/2 cup orange juice	2 teaspoons grated orange rind

Combine sugar and cornstarch in a 2-quart saucepan and mix. Add orange juice and water; cook, stirring constantly, until mixture comes to a boil. Add cranberries and cook 5 minutes or until skins on cranberries pop, stirring occasionally. Fold in orange rind. Serve with fish. Makes 1 1/4 cups sauce.

## BEST FISH BUYS

According to the NMFS National Fishery Education Center in Chicago, the best fish buys for the next week or so are likely to be canned sardines and frozen portions and fish sticks along the Northeast Seaboard; fresh whole fluke and fresh sea bass in the Middle Atlantic states, including the D.C. area; fresh grouper fillets and fresh Spanish mackerel in the Southeast and along the Gulf Coast; frozen cod fillets and frozen pan-ready smelt in the Midwest; fresh Dungeness crab and frozen Greenland turbot fillets in the Northwest; and frozen butterfly fillets and fresh Dungeness crab in the Southwest.

## National Hurricane Center EEOC

# Community Outreach Program

As part of its community outreach program, National Hurricane Center's EEO Committee is cooperating with local school officials by supporting a volunteer-teacher program designed to provide remedial training in math skills for high school students, especially in schools with large minority group enrollments, where the failure rate was, in general, significantly higher.

NHC's EEOC Chairman, Howard A. Friedman, said, "Helping these students to obtain a high school diploma is but the first step in providing them with the skills necessary to compete for employment successfully."

In addition to completing appropriate course work successfully, Florida's high school students must take and pass the state's newly introduced "functional literacy test" in their junior year in order to receive a diploma upon graduation. The legislators said, "Students must achieve passing grades in both the communications skills and math portions of the examination in order to be considered functionally literate, and therefore, eligible to receive a

diploma upon high school graduation." Those students that complete all other requirements for graduation, but fail to pass the examination, will receive a "certificate of attendance" upon graduation.

The results of the first testing program were unfortunately worse than predicted. In many cases, a reasonable percentage of the students were able to achieve passing grades on the communications skills portion of the exam; however, many school districts reported that more than 50 percent of their students could not function at an acceptable level in the math portion of the exam. These students will be given up to two more opportunities to re-take the test and pass. Educators recognize the fact that additional opportunities themselves will not materially affect the outcome of future tests. Remediation is required.

Employee wage and tax statements (Form W-2) for 1977 were distributed to all active employees on January 16, 1978.



Participants in the Basic Meteorological Technician course at NWS's Technical Training Center, Kansas City, Mo., Oct. 4-Nov. 22, 1977, were: Standing (left to right) Mauri Ward, Instructor; Andres Martinez, WSFO Phoenix Ariz.; Donald W. Austin, WSFO Des Moines, Iowa; Claudette Brown, WSFO Detroit, Mich.; Douglas Swann, WSFO San Francisco, Calif.; William Winkert, Instructor. Seated (left to right) Sherri A. Molt, WSFO Cheyenne, Wyo.; Virginia A. Candelaria, WSFO Boise, Idaho; Shari Wade, WSFO Des Moines, Iowa; Bonnie Soho, WSFO Denver, Colo.; Birdie Nash, WSFO Indianapolis, Ind.

# **National Oceanic and Atmospheric Administration**

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