

D822

MARINE AND EARTH
SCIENCES LIBRARY
NOV 28 1972
NOAA

NOAA WEEK

November 24, 1972
Volume 3
Number 48

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

John W. Connolly Is Named To Aviation Affairs Post

John W. Connolly has been named Special Assistant for Aviation Affairs to NOAA's Administrator, Dr. Robert M. White. In this post, Mr. Connolly will advise on aviation services, serve as NOAA's liaison with the Federal Aviation Administration, and represent NOAA to other government agencies, the aviation industry, and international interests, in matters concerning aviation.



Before his appointment to this post, he was assigned for eight months in the Executive Office of the President as Deputy for Operations in the New Technology Opportunities Program. Prior to that, he was chief of the Systems Division at NOAA headquarters. He served earlier for two years as chief of the Programs Division in the Environmental Science Services Administration, NOAA's predecessor, and before that as Assistant Director for Systems Development in the Weather Bureau.

Mr. Connolly received a bachelor's degree (1951) and a master's degree (1956) from Boston College. He served in the U.S. Air Force for 21 years, seven with the USAF Air Weather Service and the remainder in research and development assignments.

NOAA Funds To Help Restore Chesapeake Bay's Shellfish

NOAA plans to make a total of \$1,415,000 available to Maryland and Virginia to help restore damaged oyster and softshell clam resources of the Chesapeake Bay.

The two states requested a total of \$390,500 for restoration work in fiscal year 1973, which began July 1, 1972. Maryland requested \$130,500 and Virginia requested \$260,000 for this phase of the work.

The \$1,415,000 is for a coordinated three-year program which provides that each state will work in its own waters, and subcontract an estimated \$450,000 over the three-year period to the Potomac River Commission for restoration of the shellfish resources of the Potomac.

The funding is being made under provisions of Section 4-b of Public Law 88-309, the Commercial Fisheries Research and Development Act, which is administered by the National Marine Fisheries Service. Grants to the two states for the first phases of the work will be executed soon.

Official determinations that a resource disaster had occurred in Chesapeake Bay as a result of Hurricane Agnes during the past summer have been sent to the Federal Register for publication.

The determinations say that unless immediate measures are taken to restore the affected resources, Maryland could suffer economic losses of some \$130 million during the next four years. No projection was given for the Virginia potential loss, but the annual dockside value of Virginia's oyster resources was estimated at \$5 million.

Storm Evacuation Maps Planned for New Jersey-New York Area

Storm evacuation maps for a 150-mile stretch of New Jersey-New York coastal areas, including Elizabeth, Newark, Jersey City, New York, and all of Long Island, are being planned. Data for the maps will be provided by a National Ocean Survey field survey team headed by Philip B. Walbolt. The survey is to begin next April or May, following completion of a similar survey for the Virginia Tidewater area, which, it has been anticipated, may get

underway in December. The area covered by the New Jersey-New York survey will begin in New Jersey at Manasquan Inlet, continuing inland to about 15 miles from (but not including) Trenton, N. J.; then north up the coast through Elizabeth, Newark, Jersey City, and New York; then east across the length of Long Island to Montauk Point. Six maps will be issued, each covering a total area of approximately 24 by 30 statute miles.

(Continued on page 4)

Commander Ronald M. Buffington To Command the MT MITCHELL

Commander Ronald M. Buffington, who has been serving as special assistant to the Director of the NOAA Corps, has been appointed Commanding Officer of the NOAA Ship MT MITCHELL. The Norfolk, Va.,-based ship has a normal complement of 79 officers, scientists and crew.



Cdr. Buffington has previously commanded the SCOTT and PEIRCE. His other assignments have included service as Officer-in-Charge of the Officer Training School; with an airport survey party; as instructor and liaison officer at the Naval Amphibious School in Little Creek, Va.; and as special assistant to the Associate Administrator of the Environmental Science Services Administration, predecessor of NOAA. He received a civil engineering degree from the University of Missouri in 1957.

NWS Eastern Region Holds Marine Seminar

The National Weather Service Eastern Region's annual Marine Seminar was held at the University of Rhode Island on October 31 and November 1. The main topic discussed was implementation of a wave height forecast program for coastal waters in 1973. Other agenda items included the need for wind gust observations, wave observations and automated marine observation equipment. Action was recommended to prepare a "Marine Forecasters Handbook."

Participants other than NWS personnel included members of the University's Sea Grant program.



NWS participants in the seminar were: (from left, front row) J. LaRue, WSFO Washington; J. Mayer, WSO New York City; J. Travers, NWSH; H. Gibson, WSFO New York; S. Richardson, NWSH; A. Pore, NWSH; (from left, second row) R. Carlson, WSO Providence; A. Sturm, WSFO Philadelphia; J. James, WSFO Boston; J. Rigney, WSFO Portland; (from left, back row) A. Tancreto, WSFO Boston; R. Lynde, WSFO Boston; J. Mathers, WSFO Columbia; W. McKee, ERH; and J. Hosey, WSFO Raleigh. (Not in photo: G. Shak, ERH.)

Six-Year Survey Is Completed Of Massachusetts Coastal Waters

The National Ocean Survey has completed a six-year, 1,350-square-mile hydrographic survey of Massachusetts coastal waters between Cape Ann and Cape Cod.

The survey, the most detailed ever made in these waters, was conducted to update navigational and scientific information for the area's sea-going commerce, recreational boating, and scientific investigation of the estuarine and continental shelf environment. It included most of Massachusetts Bay to about 25 miles seaward and the coastal waters of Cape Cod between Provincetown and Chatham.

The project has been conducted each summer or early fall since 1967, when it was launched off Ipswich by the Ship EXPLORER. In the succeeding five years, the NOAA Ship PEIRCE continued the project southward. All harbors from Ipswich to Green Harbor were surveyed, including Rockport, Gloucester, Manchester, Beverly, Salem, and Lynn. Boston Harbor and Cape Cod Bay had previously been surveyed.

The PEIRCE completed the project with a survey of a five-mile stretch of the Massachusetts coast between North River and Green Harbor. The ship is commanded by Commander Ralph J. Land, and carries a normal complement of 36 officers and crew.

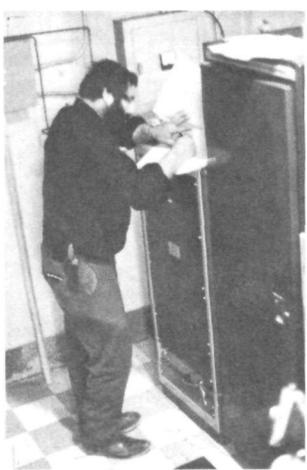
The long-range survey was undertaken to provide up-to-date tide predictions and underwater topography of the area. These data will be used in studies for ocean engineering, pollution, sediment transport and as a base for prediction and development of the ocean environment on the Continental Shelf.

Critical information has already been incorporated into 14 sailing, coast and harbor charts and three bathymetric maps. Some of the information was used in 1971 in support of a multi-ship, multi-aircraft circulatory study of Boston Harbor which will result in better pollution control and water quality. A portion of the information will be used in the compilation of a new Scituate Harbor chart and in a small-craft chart which will cover the area from Boston to Cape Cod.

College Park Laboratory Analytical Group Receives Group Special Achievement Award

A Group Special Achievement Award has been presented to the employees of the National Marine Fisheries Service College Park (Md.) Laboratory Analytical Group for their "outstanding industry in obtaining data to fulfill the critical need for information on the level of mercury as a trace contaminant in fishery products during the period March 1971 to March 1972." Members of the group were Sandra Absalom, Horace Cooper, Deidre Cosgrove, David Danielson, Alan Fortner, Betty Hackley, Arthur Hurme, John Powell, Marion Sanders, and Charles Dieter (who has recently resigned).

AMOS-III-70 System Is Completed At Cape Hinchinbrook, Alaska



Cape Hinchinbrook, Alaska, Lighthouse, and, in photo on the right, Alaska Region Electronic Technician Dave Yingling with AMOS III-70 electronics unit and Coast Guard automation equipment

On October 31, the first production AMOS III-70 system was installed at Cape Hinchinbrook, Alaska. The automatic weather station will report wind direction and speed, and altimeter setting to Anchorage. It was installed at the Coast Guard Lighthouse, which is being automated and will be unmanned by next summer. The installation crew of Donald Edmonds of the National Weather Service's Equipment Development Laboratory and Dave Yingling, Jack Johnson, Henry Mfunier and Terry Bruce of the Alaska Region, accomplished the job in a single day, using a helicopter to make the 280-mile round-trip from Anchorage to Cape Hinchinbrook. The AMOS III-70 is specially modified to interface with the Coast Guard radio telemetry equipment and placed in a special RFI enclosure to prevent interference from the Coast Guard radio transmitter. The installation is very similar to the experimental system EDL installed in the Smith Point, Va., Lighthouse in the Chesapeake Bay.

Richard Reynolds of the Equipment Development Laboratory is responsible for preparing four AMOS III-70's for installation at Alaskan Coast Guard Lighthouses which are being automated. A week before the Cape Hinchinbrook installation he taught a course in Anchorage for NWS Alaska Region Electronic Technicians. The course covered the design and theory of operation of the AMOS III-70 system, focusing on maintenance and trouble-shooting. To allow Alaska Region personnel to gain familiarity with the new automatic weather station, Mr. Reynolds installed a "demonstrator" AMOS III-70 at the Regional Headquarters in Anchorage. According to current plans, the remaining three systems will be shipped to Alaska early in December, for installation at Cape St. Elias, Cape Spencer, and Cape Decision.

Industry Begins Implementation Of New Weather-by-Phone System

The National Weather Service Headquarters has worked closely with the telephone industry during the past four years in an effort to develop an optimum method for weather dissemination by telephone. Investigations, experiments, and surveys have been made; equipment has been developed and satisfactorily tested; and the industry now is entering the implementation stage for new heavy-duty weather-by-phone services.

The new services, somewhat similar to "WE 6-1212," will be supported in a closely organized effort by the telephone industry and the Government, but, for the most part, sponsorship will be by advertising messages. Special heavy-duty answering devices, developed to NWS specifications, will add many features not now available on WE 6-1212 services, such as: a pre-recorded device which automatically reads the current temperature; synchronized entry, which eliminates the objectionable "barge-in" operation; additional channels for auxiliary weather (recreational weather, etc.) on the same equipment, but obtainable by dialing an independent number; and complete, direct control of the message script by the NWS.

The first installation of the new service was dedicated at Toledo, Ohio, in October, and Anchorage, Alaska; Birmingham, Ala.; and Louisville, Ky., are slated for operation as soon as the equipment is installed. Additional cities are expected to begin service during 1973.

The first conversion to the new system from the old WE 6-1212 equipment was made in New York, and several other WE 6-1212 systems are scheduled for conversion during 1973.

The telephone industry has commended the staff of the Weather Service Office in West Palm Beach, Fla., for its cooperation in conducting an experiment with the new equipment.

NOAA Sponsors Monthly Publication On Sea Grant Projects, Progress

NOAA is sponsoring the publication of "Sea Grant 70's" as a result of a contract between the Environmental Data Service's Environmental Science Information Center and Texas A&M University. The monthly publication, prepared by the University, announces the availability of published materials on work supported by NOAA's National Sea Grant Program and reviews contributions by Sea Grant project leaders in industry, governmental agencies, and educational institutions throughout the Nation. "Sea Grant 70's" is available on written request from the Editor, Sea Grant Program Office, Texas A&M University, College Station, Tex. 77843.

NOS Begins 200-Mile Survey Along Florida's West Coast

A three-year hydrographic survey along 200 miles of Florida's west coast will be begun this month by the National Ocean Survey. Data obtained will be incorporated in numerous coastal charts covering the 2,400-square-mile area of the Gulf of Mexico between St. Petersburg and Eastpoint.

The agency's fastest and most automated launch, presently under the direction of Lieutenant Commander Glen R. Schaefer, will work for the next nine months on the survey, in an area 12 miles wide, beginning about 10 miles from shore. The survey will begin on the southern end of the area, and proceed northward. The in-shore portion will be surveyed later by a land-based hydrographic field party.

Marine Geophysical Data Catalog Prepared

During the next several months, the Marine Geology and Geophysics Group of the Environmental Data Service's National Geophysical and Solar-Terrestrial Data Center (NGSDC) will distribute the first edition of a new "Marine Geophysical Data Catalog" to more than 1,000 users of marine geophysical data. The catalog lists the NSGDC bathymetric, magnetic, and gravimetric data available on magnetic tape and/or microfilm, and seismic reflection profiling data available on microfilm only. The data were collected by various Government agencies, universities, and some foreign sources as well. Trackline plots or survey areas are given for each of the 85 data sets described.

Indian Scientists Name Catfish Species After Dr. D. M. Cohen and P.R. Nelson

Two new species of catfish discovered in an Indian river were named after Dr. Daniel M. Cohen, Director of the National Marine Fisheries Service Systematics Laboratory, and Philip R. Nelson of the NMFS Office of Resource Research, as a mark of "respect and for encouragement." Indian scientists Dharendra N. Ganguly, Naresh Ch. Datta, and Subhadra Sen described the new species in a scientific paper published in the June 1972 issue of *Copeia* entitled "Two New Catfishes of the Genus *Glyptothorax* Blyth (Family: Sisoridae) from Subarnarekha River, Bihar, India." The species are called *Glyptothorax coheni* and *G. nelsoni*.

Industry Representatives Briefed at NODC

Thirty members of the National Security Industrial Association attended a briefing at the Environmental Data Service's National Oceanographic Data Center last week on the functions and capabilities of EDS, the National Geophysical and Solar-Terrestrial Data Center, and the National Oceanographic Instrumentation Center. Tours of NODC and NOIC facilities were provided.

University of Brasilia Receives Title to Seismograph Station

NOAA recently transferred title to a seismograph station in Brasilia, Brazil, to the University of Brasilia. The station is part of a worldwide, 115-station seismograph network managed by



the Environmental Research Laboratories' Earth Sciences Laboratories providing global coverage of seismic activity. Dr. Wilmot N. Hess (left), Director of ERL, made the presentation to Dr. João da Rocha Hirson, Director of the Institute of Geosciences at the University of Brasilia, when he visited ERL's Boulder laboratories.

Storm Evacuation Maps (Continued from page 1)

Publication of the maps is tentatively scheduled for next July.

The survey team will investigate elevations above sea level and inspect highway, railroad and ferry evacuation routes. The maps will show emergency evacuation routes, areas subject to flooding from hurricanes and other storms, and elevations which might afford "safety islands" for storm evacuees. The maps will be distributed to state and local officials and community emergency preparedness committees by the National Weather Service. Copies may also be purchased by the public.

Storms, particularly hurricanes, on the Atlantic coast and in the Gulf of Mexico, at times cause extensive flooding of low-lying coastal regions. The NWS maintains a close watch on the storms, predicting the height of the storm surge and issuing emergency warnings for areas subject to flooding. The program now underway was instituted by NOAA to fill a need for small-scale, special-purpose maps to facilitate evacuation of people from endangered areas.

To date, maps are available for two Gulf Coast areas--five for New Orleans, La., to Mobile, Ala., and six for Galveston to Houston, Tex. Maps for the Charleston, S.C., to Savannah, Ga., coastal corridor, where a survey team hopes to complete its work by the end of November, are slated for publication by the end of the year.

Storm evacuation maps may be purchased for \$2 from the NOS Distribution Division, C44, Riverdale, Md. 20840.



notes about people...

National Marine Fisheries Service Director Philip M. Roedel spoke on "Oceanography and Fisheries of Baja California Waters" at a meeting of the California Cooperative Ocean Fishery Investigations at Yosemite National Park, Calif., recently. Prior to being named NMFS Director, Mr. Roedel was Chief of the California Marine Resources Program, and has wide experience in research in waters off the western coasts of the U.S. and Mexico.

Donald R. Wiesnet, Senior Research Hydrologist in the National Environmental Satellite Service's Environmental Sciences Group, recently spoke at the International Conference on Remote Sensing in Arid Land, held at the University of Arizona in Tucson. He spoke on "The NOAA-NESS Program of Remote Sensing of Soil Moisture."

He also was one of NOAA's participants in the eighth American Water Resources Conference held in St. Louis, Mo., recently. There his subject was "The Impact of Future NESS Programs on Water Resources." Dr. Leonas Bajorunas, Chief of Lake Survey Center's Limnology Division, and Dr. Arthur P. Pinsak, LSC Water Characteristics Branch Chief, presented a co-authored paper at this conference, also. Their paper was entitled "Restoration of the Great Lakes", and concerned possible measures that could be taken in a water management program to achieve an optimum balance between the Great Lakes industrial and community uses and their preservation. José A. Buil, Hydrologist at the Ohio River Forecast Center in Cincinnati, and Dr. Herbert C. Preul, Professor of Civil Engineering at the University of Cincinnati, presented a co-authored paper entitled "A Practical System for Forecasting Stream Flows."

Walter T. Sittner, Research Hydrologist in the National Weather Service Hydrologic Research Lab, spoke on "Modernization of the National Weather Service River Forecasting Techniques."

Mr. Sittner also represented the U.S. and served as chairman of a recent meeting at WMO headquarters in Geneva, Switzerland, held to establish procedures for the implementation phase of an international project for the comparative testing of hydrologic and hydraulic mathematical models. Six countries were represented.

Alan F. Mager, National Marine Fisheries Service Fisheries Enforcement Agent from Provincetown, Mass., recently completed the basic course of instruction at the U. S. Treasury Law Enforcement School in Washington, D.C. The six-and-one-half-week course provides intensive instruction in basic law enforcement pro-

cedures and methods. Mr. Mager is assigned primarily to the Cape Cod area, and participates in aerial and surface fishery patrols with the U.S. Coast Guard.

Frederick G. Finger, Chief of the National Meteorological Center's Upper Air Branch, was named Chairman of the Scientific Working Group for the year 1973 during the eighth annual meeting of the Experimental Inter-American Meteorological Rocket Network (EXAMETNET), held recently in Mar del Plata, Argentina. He attended in his capacity as U.S. EXAMETNET Experimenter. Plans were made for improving and expanding the EXAMETNET program, which has as its goal the delineation of atmospheric circulation in both Northern and Southern Hemispheres with the aid of rocket data. Countries represented at this meeting included Argentina, Brazil, France, India, Mexico, Spain, and the U.S.A. NASA, as well as NOAA, sent participants for the U.S.A.

Dave Almand, Chief of the National Marine Fisheries Service Extension Division, participated as the U. S. expert in the FAO Expert Consultation on Fishery Education and Training held recently in Rome, Italy. Experts from 14 other countries also participated in the Consultation. Mr. Almand was elected Vice-Chairman of the Consultation.

The Consultation was held to provide advice and recommendations to FAO concerning the nature and content of their Plan of Work for fisheries extension education and vocational and technical training of fishermen. The Consultation's report, which contains 33 recommendations and conclusions, will be submitted to the 1973 session of the Subcommittee on Fishery Education and Training of the FAO Committee on Fisheries, after which a report will be mailed to member governments.

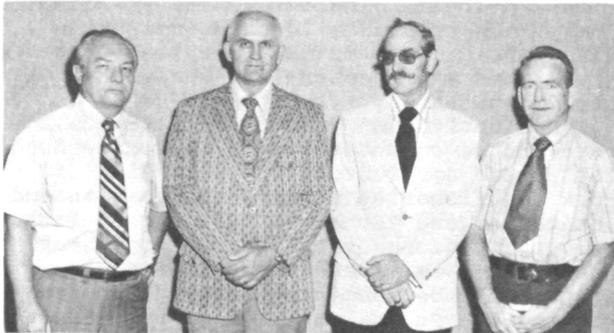
Ensign William E. George (left), who was assigned to the NOAA Ship MT MITCHELL last July, has presented the ship's Officers' Wardroom with a classic example of "Yankee" Marlinspike Seamanship. He designed and executed the fancywork stanchion cover, spending about 136 hours of his spare time and using over 1,000 feet of nylon and cotton braided line to complete the project. A description of the designs, from the top down, follows: three-stranded Turk's-Head, square knotting, four-stranded sennet braids, square knotting, five-stranded Turk's-Head, fifty-two stranded Turk's-Head, and a nine-stranded Turk's-Head.



Length of Service Awards

Employees at the National Marine Fisheries Service Northwest Fisheries Center in Seattle, Wash., who recently received Length of Service Awards were: 30 years - Carl E. ELLING. 20 years - Wallace W. BENTLEY, Gordon F. ESTERBERG, Winston E. FARR, Edward H. GRUGER, Jr., Rae R. MITSUOKA, and Richard B. THOMPSON.

National Weather Service Southern Region employees who received Length of Service Awards in October were: 35 years - Carl M. REBER, WSRH, Fort Worth. 30 years - Robert E. NICHOLS, WSFO Atlanta, Ga.; Wilbourn WEAVER, WSO Austin, Tex.; Obie O. LANE, WSFO Oklahoma City, Okla.; and Marvin R. ROGERS, WSO Houston, Tex. 25 years - Allen J. JACOBY, WSO Galveston, Tex.; and Paul A. MOTT, WSO/AG Auburn, Ala. 20 years - William J. BLUM, Jr., WSFO Atlanta, Ga.; Kenneth G. MCGREW, WSO Lake Charles, La.; Elvin L. FOGLEMAN, WSO Shreveport, La.; Harry R. RICHARDSON, WSO Brownsville, Tex.; Robert J. ROWLEE, NHC, Miami, Fla.; and Thomas J. SMITH, Jr., WSFO New Orleans, La.



30-year Length of Service Awards were presented recently at the Environmental Data Service's National Climatic Center in Asheville, N.C., to (from left) John S. ARNETT, Climatic Analysis Branch; Hugo V. LEHRER, Climatic Information Branch; Norman W. GRAHAM, Data Verification Branch; and Garland O'SHIELDS, Administrative Operations Branch.

National Weather Service Central Region employees who received Length of Service Awards in October were: 35 years - Clyde B. LEE, WSFO Louisville, Ky.; Thomas W. RULE, WSO Cheyenne, Wyo.; and George F. WALL, WSO Ft. Wayne, Ind. 30 years - Irvin H. BORJESON, WSO Cheyenne, Wyo.; Frank H. GRABOWSKI, WSFO Detroit, Mich.; Ralph HACKMAN, WSO St. Cloud, Minn.; and Anthony F. TUBACKI, WSO Chicago (Midway), Ill. 25 years - Charles J. MERRITT, WSO Evansville, Ind. 20 years - Harold L. JONES, WSFO St. Louis, Mo.; Raleigh E. LACKEY, WSO Wichita, Kans.; and George R. NELSON, WSFO Des Moines, Iowa.

National Weather Service Pacific Region employees who received Length of Service Awards in September were: 30 years - Robert A. WATANABE, WSO Kahului; Dempster R. TREDWAY, WSFO Honolulu; and Robert F. SHAW, DATA Branch, PRH. 20 years - William L. Denis, Jr., PRH.

Length of Service Awards were presented to the following National Weather Service Western Region employees during October: 35 years - Milo P. MONSON, WSO Havre; and Reid B. GARDNER, WSO Las Vegas. 30 years - Fay R. LIVINGSTON, WSO Pendleton; Albert G. OERTEL, WSO Redding (FW); James R. MILLER, WSO Sacramento; and Louis D. RANNEY, WSFO Salt Lake City. 25 years - Willia S. COOPER, WSFO San Francisco. 20 years - Grant L. TWITCHELL, WSFO Salt Lake City; Stanley G. HOLBROOK, WSO Portland (SC); and Edgar L. TIPTON, WSO Glasgow.



Five employees of the WSO in Chattanooga, Tenn., recently received 30-year Length of Service Awards. They were (from left) Delbert W. ROBERTSON, Sam A. DeLAY, M. Harold SMITH, Hugh E. PRITCHARD, Jr., and Ray R. CASADA.

NOAA Headquarters employees who received Length of Service Awards during October were: 35 years - Wallace W. LAMOREUX, Russell J. YOUNKIN, and Esther GRABILL. 30 years - Eugene H. HARRIS, Thomas W. O'DONNELL, Kenneth C. FICHTEL, Clarence E. MISFELDT, Charles THEURER, August J. FLEISCHBEIN, Eugene J. VONESKI, Robert R. SULLIVAN, John W. GALT, and William H. KLEIN. 25 years - Peter S. KARADIMOS, Alexander GIBSON, William C. IRVING, William W. BERRY, Anthony N. MALPASSO, Edward RICH, Jr., Harvey James KLASSEN, and Michael J. DILEO. 20 years - Aaron H. WOODARD, Mara M. POOLE, Winifred L. DUNWORTH, Beverly L. McCANNON, Leroy CLEVELAND, Jr., Earl W. RAYFIELD, Kathryn K. NICOLLE, Linwood F. WHITNEY, Michael C. GAIDURGIS, Allen E. BRINKLEY, Warren SMITH, Ernest PAROCZAY, and Doris S. GORDON.

Employees assigned to the National Ocean Survey's National Geodetic Survey Operations Center who received Length of Service Awards in August and September were: 30 years - Robert R. GERRISH, Party G-37, and Eugene A. BEAUCHAMP, Party G-31. 25 years - John S. RINDAL, Watertown, S. Dak.



Mr. Rindal (right) received his length of service pin from Leon F. Smith, Chief of the Mark Presentation Branch.

NWS Eastern Region MIC/HIC/OIC Advisory Council Meets at ERH

The National Weather Service Eastern Region MIC/HIC/OIC Advisory Council met early this month with Eastern Region Director Silvio G. Simplicio and members of the ERH staff at Eastern Region Head-

quarters. Participants included (from left) James Spillers, OIC, WSO Greenville-Spartanburg, S.C.; Charles Hopkins, HIC, RFC Hartford, Conn.; John Quinlan, OIC, WSO Erie, Pa.; John McClain, MIC, WSFO Charleston, W. Va.; Henry Godbois, MIC, WSO Caribou, Me.; David L. Coveney, Deputy Director, ER; Mr. Simplicio; Harold Gibson, MIC, WSFO New York; Terry Ritter, MIC, WSO Norfolk, Va.; Paul Jacoby, MIC, WSFO Pittsburgh, Pa.; and Rue Rush, MIC, WSFO Raleigh, N.C.



Solar Terrestrial Physics Data Published

The Environmental Data Service's World Data Center A for Solar-Terrestrial Physics at Boulder, Colo., has prepared and published UAG-21, "Preliminary Compilation of Data for Retrospective World Interval, July 26 - August 14, 1972." This report presents available worldwide solar-terrestrial physics data received by early October 1972 for the observational period. It features the greatest magnetic storm to date of the current solar cycle, as well as many associated terrestrial effects. The WDC-A for Solar-Terrestrial Physics plans to issue a special catalog of all the data for this period submitted to the center by September 1973.

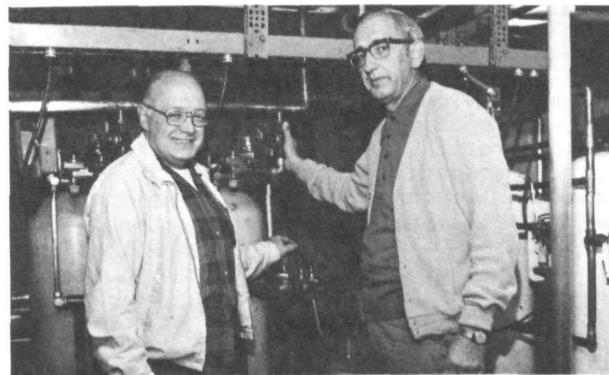
Asheville Area Has New Health Facility

Employees of the Environmental Data Service's National Climatic Center and of the National Weather Service Office in Asheville, N.C., are among the 836 Federal employees who will be served by a new occupational health facility in the Federal Building in downtown Asheville. The NCC, with the largest Federal population in the area, was designated as the lead agency to oversee the operation. The unit's services will include health maintenance examinations, immunizations, emergency treatment of illness or injury on the job, treatments requested by private physicians, emergency transportation, and mental and emotional evaluations.

Length of Service Awards (Continued from page 6)

National Weather Service Eastern Region employees who received Length of Service Awards during October were: 35 years - Stuart E. CRAVENS, WSFO New York, N.Y.; and Albert A. DUBIN, WSFO Philadelphia, Pa. 30 years - Joseph J. BRUMBACH, WSO/C Storrs, Conn.; Peter KUPCHELLA, Jr., WSO Norfolk, Va.; Riley M. LORENTZ, WSO Cincinnati, Ohio; Ashby E. CRAFT, WSO Elkins, W. Va.; Anna Sass, WSO Binghamton, N.Y.; and Chesney E. TWOMBLY, WSFO Portland, Me. 25 years - Clifton J. CHAMPION, Jr., WSO Greensboro, N.C.; and George H. SCHIELEIN, WSFO Albany, N.Y. 20 years - Earl R. POSTMA, WSO Bridgeport, Conn.; Robert K. BELESKY, WSO Cincinnati, Ohio; and Neil H. CRYSTALL, WSO New York, N.Y. (Kennedy).

Treatment Plant Provides Clean Water For Fairbanks, Alaska, CDA Station



Harold E. Wrightsman (left), Assistant Manager of the National Environmental Satellite Service Command and Data Acquisition Station at Gilmore Creek, Alaska, and Edward J. Eisele of the National Aeronautics and Space Administration's Space Flight Tracking and Data Network Station there, are shown with the new water treatment plant at the station. Mr. Wrightsman is smiling because the new plant, installed as part of the work under a NASA contract, provides very high quality potable water that can be used for drinking and cooking. The quality of the water treated by the old NOAA water treatment plant was such that personnel assigned there could not use it for drinking or cooking.



Norman E. MATLOCK (right), who is with National Geodetic Survey Triangulation Field Party G-20, received his 25-year Length of Service Award from Chief of Party Lieutenant John C. Albright.

First FY-73 Forecasters Training Class Is Held at NWS Headquarters



Participants in the first FY-73 Forecasters Training Class held at National Weather Service Headquarters from October 31 - November 16, were (first row, from left) Jesse R. Gulick, Space-flight Meteorology Group, National Hurricane Center, Miami, Fla.; Richard I. Crouthamel, Wake Island; Robert Derouin, Instructor, NWSH; Dr. Duane S. Cooley, Chief, Technical Procedures Branch; Walter Van Etten, Pittsburgh, Pa.; and Edmund B. Medinger, NHC, Miami, Fla.

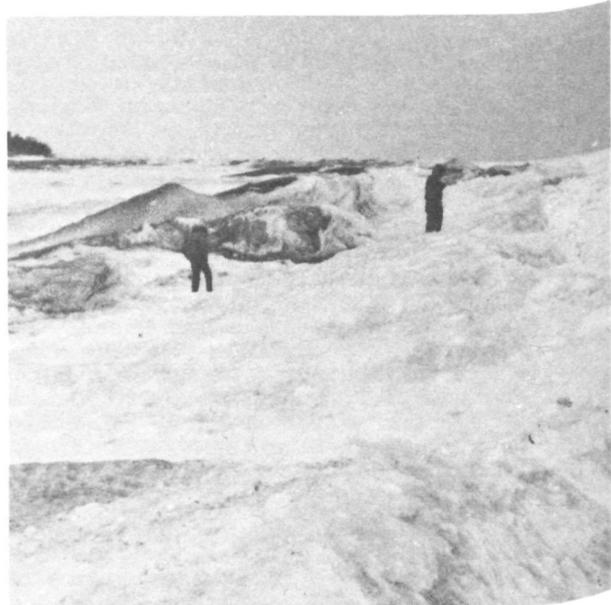
(Second row, from left) Henry C. Schaefer, Milwaukee, Wisc.; Commander Richard C. Carrigan, Fleet Weather Central, Norfolk, Va.; Kenneth T. Erickson, Seattle, Wash.; James J. McCoy, Jr., Boise, Idaho; George R. Wilken, Omaha, Nebr.;

John E. Newell, NMC, Suitland, Md.; William C. Herrmann, Birmingham, Ala.; Senior Master Sergeant Charles L. Brenton, Jr., 6th Weather Wing, Andrews A.F.B., Md.; Robert E. Nichols, Atlanta, Ga.; Dennis K. Sturm, Louisville, Ky.; Mabel J. Riley, Portland, Oreg.; John E. Hales, Phoenix, Ariz.; Jerry D. Kanupp, Columbia, S. C.; Max L. Caldwell, San Francisco, Calif.; Alexander Sadowski, Technical Procedures Branch, NWSH; Dan A. Mallas, Chicago, Ill.; Ray M. Hinson, Jackson, Miss.; Donald E. Risher, Charleston, W. Va.; Gary K. Grice, Anchorage, Alaska; W. Bruce McLeod, Sioux Falls, S. Dak.; Edward P. Johnson, Washington, D.C.; Stan Doore, Instructor, NWSH; Maury Pautz, Instructor, NWSH; and Richard W. Lyle, Fort Worth, Tex.

Lake Survey Center Snow and Ice People Are Preparing for Winter Projects

While most other field parties are coming in to settle down to routine winter office duties, the Lake Survey Center ice and snow people are busy preparing their equipment and getting ready to take up their outdoor activities under the winter ice and snow projects. Among these is the Winter Navigation Demonstration Program, one phase of which will be to make temperature profiles of Lake Superior from ore carriers operating during the extended season. Measurements will be made with an expendable bathythermograph system during the months of December, January and February. Specifications and bids for the system have already gone out. The U. S. Steel Corporation's Great Lakes Fleet will cooperate in the program.

Another winter project will be to take albedo measurements at five sites on Lake Ontario at three different periods during the coming season. Ice samples will also be collected for crystallographic analysis and certain meteorological parameters sensed. These operations are part of the work being carried out in connection with the IFYGL Project.



Lake Survey Center ice researchers at work on Lake Superior.

Items to be considered for publication in NOAA WEEK should be submitted to:
Office of Public Affairs, NOAA, Room 221, Bldg. 5, Rockville, Md. 20852. Phone (301) 496-8243.

National Oceanic and Atmospheric Administration

ERRATA NOTICE

One or more conditions of the original document may affect the quality of the image, such as:

Discolored pages

Faded or light ink

Binding intrudes into the text

This has been a co-operative project between the NOAA Central Library and the Climate Database Modernization Program, National Climate Data Center (NCDC). To view the original document, please contact the NOAA Central Library in Silver Spring, MD at (301) 713-2607 x124 or Library.Reference@noaa.gov

HOV Services
Imaging Contractor
12200 Kiln Court
Beltsville, MD 20704-1387
July 23, 2010