The National Cooperative Observer

FALL 1991 VOLUME 9 NUMBER 1

EASTERN REGION SOUTHERN REGION
CENTRAL REGION

THE FIRST FAMILY

WESTERN REGION
ALASKA REGION PACIFIC REGION

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE
As the National Weather Service celebrates its centennial year, I am pleased to join with its staff in thanking the volunteers of the Cooperative Weather Observer network.

The more than 10,000 dedicated volunteers of the network enhance meteorologists' ability to prepare accurate forecasts by taking daily weather readings across the Nation. From aviation to agriculture, the data that you collect affects our daily lives. Your efforts also help us to better understand and to predict the forces of nature. In addition, the vital information that you provide about impending outbreaks of severe weather has helped to save countless lives from the fury of tornados, floods, and hurricanes.

Today, as we increasingly harness the power of technology to learn more about the world around us and about the effects of weather, your readings continue to be a vital source of data for our weather services. On behalf of a grateful Nation, thank you for your continuing efforts.

Barbara joins me in sending best wishes. God bless you.
Colorado Governor Roy Romer signs state proclamation declaring week of June 2-8, 1991, Cooperative Weather Observer Appreciation Week. Behind him, left to right, are: State Climatologist Thomas McKee; Assistant State Climatologist Nolan Doesken; Michael S. Elias, Cooperative Program Manager, Goodland, KS; Larry Mooney, National Weather Service Area Manager for Colorado; Dr. Helen McHugh, Director, Colorado Agricultural Experiment Station; and Jerry Sherlin, Cooperative Program Manager, CO. (All photos by William Tate, retired CPM)

Dr. E.W. "Joe" Friday, Jr., presented an award to Les Byers, a former observer, Montrose, CO.

Dr. E.W. "Joe" Friday, Jr., presented an award to Frank Kugel, a new observer, Durango, CO.
Lynn K. "Weatherbird" Woods accepted a distinguished service award from Dr. E.W. "Joe" Friday, Jr., NCAA Assistant Administrator for Weather Services. Woods, of Del Norte, CO, has begun his 50th year as a cooperative weather observer.

Harold Kreuger, 47-year observer, Cochetopa Creek, near Gunnison, CO, accepted a distinguished service award from Dr. E.W. "Joe" Friday, Jr.

Thomas Blackburn, National Cooperative Program manager, addressed volunteer observers at the Colorado Weather Centennial.

Neil M. Lindstrom, Leroy 5 WSW Station near Sterling, CO, accepted an award from Colorado Congressman Wayne Allard. The Leroy Station has a history like no other in Colorado: continuous operation for 102 years—by members of the same family.
Mr. and Mrs. Levi Ray Dellinger, Howard 5 NE, KS, have been observing the weather for the past 40 years. Levi has also been the recipient of the Holm Award.

Nettie W. Bowling, cooperative weather observer, Big Creek, KY, was presented a 30-year Length-of-Service Award and service pin by Peter Tellez, CPM, KY.

Mr & Mrs. W. Wayne Thompson were presented a 30-year Length-of-Service Award by Billy Ousley, Q.C. Tech/Kansas City, and Tom Sinclair.

Laban E. Wallace Jr., Louisa, KY, was presented a 25-year Length-of-Service Award and emblem pin by Peter J. Tellez.

Herbert E. Headley, Uniontown, KS, accepted his 25-year Length-of-Service Award from Gary L. Funke, CPM, WSFO Topeka, KS.

Mr. and Mrs. Carl J. Diederichs were presented an Award celebrating their 20 years as cooperative weather observers at Harmony, MN. Mrs. Diederichs says that her only job has been to "badger" Carl into mailing the forms on time each month. Photo by M. Asmus, CPM.
Mr. & Mrs. William Landby accepted a 20-year Award for their participation in the Minnesota Cooperative Network. They have operated the weather station out of their home in one of the coldest regions of the United States at Warroad, MN. Mr. Landby includes Ham Radio among his many hobbies since his retirement.

Dr. A.C. Spreng, Rolla-University of Missouri, MO, was presented the John Campanius Holm Award by Karl Sieczynski, CPM/STL.

Proclamation Received - Paul Eye received a Proclamation from the House of Representatives for 44 years of service.

Paul Eye receives proclamation from Representatives

Jefferson City - Paul Eye, weatherman for the Appleton City area has received a Resolution from the Missouri House of Representatives in Jefferson City. The Resolution is as follows: WHEREAS, much of the valuable weather and storm information provided to Missourians, through the National Weather Service, would not be available without the dedicated service of this state's volunteer weather observers; and WHEREAS, Paul Eye of Appleton City, Missouri, has distinguished himself through 44 years of outstanding service as a volunteer weather observer and member of a Cooperative Weather Station; and WHEREAS, on April 4, 1991, Mr. Eye was recognized for his exemplary voluntarism with the Cooperative Weather Service during a commemorative luncheon, celebrating Centennial Cooperative Weather Stations, which was held in Jefferson City; and WHEREAS, Mr. Eye, who has been a volunteer weather observer since the age of twenty-four, performs a weather reading every morning at 6 a.m., seven days per week; and WHEREAS, in addition to his volunteer activities with the weather station, Mr. Eye derives tremendous enjoyment from his endeavors as an amateur radio operator; and WHEREAS, through the years, Mr. Eye has maintained active involvement in the civic affairs of Appleton City, having held a post on the City Council and having served with distinction as Mayor from 1958 to 1962; and WHEREAS, Mr. Eye's impressive record of achievement has been further highlighted by 14 years of employment with Exhibitors Film Delivery Company and 14 years of service as a police judge; and WHEREAS, Paul Eye has been richly blessed with a lovely wife, Doris; a fine stepson; and wonderful grandchildren: NOW, THEREFORE, BE IT RESOLVED that we, the members the Missouri House of Representatives, Eighty-sixth General Assembly, unanimously join in expressing sincere appreciation and deep gratitude for the volunteer service of Paul Eye, whose commitment to providing accurate weather information as a part of the Cooperative Weather Stations has contributed greatly to the safety and security of his fellow citizens; and BE IT FURTHER RESOLVED that the Chief Clerk of the Missouri House of Representatives be instructed to prepare a properly inscribed copy of this resolution for Paul Eye, as a measure of our esteem for him. Offered by Representative Delbert L. Scott, District No. 11B. (Appleton City Journal, Missouri, April 25, 1991)
The Water Plant, Cameron, MO, was awarded a 25-year Institutional Award. Weather observer Larry Limb/Water Plant Supervisor (left); and Gary Whorton/Superintendent of Utilities (right).

James Applegate, Gibbon, NE, was presented a 25-year Length-of-Service Award by Thomas Sinclair.

Melissa Gullach, Papillion, NE, was presented a 10-year Length-of-Service Award by Thomas Sinclair. Missy is the daughter of Benny Gullach, DMIC/OMA.

U.S. Soil Conservation Service, Spalding, NE, was presented 50-year Service Award. Mark Duttenh accepted the award from Tom Sinclair, CPW/OMA.

The Staff at Harlan County Dam, Republican, NE was presented a 45-year Award. From left to right are: Phil Bailey, Project Manager; Sheryl Boch, Office Assistant; and Jeff Abeggen, Park Manager. The award was presented by Thomas Sinclair.

Ivan Henderson, Plant Manager, Canaday Steam Plant, Lexington, NE, accepted a 45-year Length-of-Service Award on behalf of the staff. The award was presented by Thomas Sinclair. The day of the award was a little hectic! Not only was all the equipment moved from one side of the plant to the other but they went "on line".
Leo R. Brilz, cooperative observer, Logan, ND, was recently recognized for 22 years of service for the National Weather Service. He is the river observer and also keeps track of snow depths as well as precipitation during the runoff. Leo began his service with the Spring Sours River flood of 1969. Picture and presentation by Vern Roller, CPM, WSFO, Bismarck, ND.

Gary Rapala (left) and Dewayne Hashin (right), Wisconsin Department of Natural Resources, Tomah, WI, accepted a 50-year Institutional Award from Roland Friedrich.

Vangie Roney (left) and Francis Roney (right); a husband and wife team from Oakes 2 S, ND, were recently presented a special 15-year Length-of-Service Award. They are part of the Lincoln/Oakes Nursery in North Dakota and have a real definite interest in recording the changing weather in southeast North Dakota. Picture and presentation by Vern Roller.

The Wastewater Treatment Plant, Chilton, WI, was presented a 50-year Institutional Award by Roland Friedrich. The award was accepted by Matt Schuh.

Paul Springsteen accepted a 25-year Institutional Award for the Sewage Treatment Plant, Waupaca, WI, from Roland Friedrich.

The Wisconsin Power and Light Company’s employees at Prairie Du Sac, WI, accepted a 75-year Institutional Award from Roland Friedrich, CPM Milwaukee. From left to right: John Bochem; Dean Salveson; Jim Knudson; Jeff Wenger; Denny Petzke; and Jerry Jonas.
Centennial awards and plaques were presented to 10 Southern New England Cooperative Weather Stations at ceremonies held at Waltham, Massachusetts on May 4, 1991. Representing these stations with 100 years or more of continuous service are: (In photo left to right) Dave Taylor/Weather Service Corp. - Bedford, MA; Don Goyette/Lowell Regional Water Utility - Lowell, MA; Ed Caron and his son, Chris - Plymouth, MA; Roger Roache/Taunton Water Works - Taunton, MA; Carl Sawyer/University of Rhode Island - Kingston, RI; Barry Greenwood/Conn. Light & Power Co. - Falls Village, CT; Manny Camacho/City of New Bedford - New Bedford, MA; and Dr. Richard Rohde/UMASS Agricultural Experiment Station - Amherst, MA; who accepted for the Town of Amherst WTP. Attending the ceremony and accepting awards (but missing from photo) were: Susan Davis/Essex Company - Lawrence, MA; and Steve Olson/University of Connecticut - Storrs, CT. (Photo by Mark Lovewell, Vineyard Gazette and Cooperative Observer at Edgartown, MA.)


Speakers at the event included: Joseph L. Lafleur, Director - Penn. Emergency Management Agency; Leonard J. Pietrafesa, Chairman - Dept. of Marine, Earth & Atmospheric Sciences, N.C. State University; David Phillips, Ontario Regional Director General - Atmospheric Environment Service; Gerald L. Shak, Meteorologist - NWS/WMO (retired); and Dr. Susan F. Zevin, Director-National Weather Service Eastern Region.

Highlight of the program was the presentation of a special award honoring the Strong family of Setauket, NY, for 105 years of continuous service by one family at a cooperative station. Dr. Zevin made the presentation to the representatives of the Strong family, Mrs. Sylvia Strong and Ann Strong.

The first member of the Strong family to serve as weather observer at Setauket was Judge Solah Brewster Strong. When the station was established in 1885 Judge Strong's reports were sent to the U.S. Coast Guard. The civilian weather service as we know it today began operations in 1891. Judge Strong remained the observer until December 1931, when his daughter, Kate W. Strong, took over. Miss Strong actually began by helping her father with observations when she was 12 years old. She continued until she was well into her 90's. Miss Strong's nephew, William Y. Strong, succeeded her in October 1960.

Mr. Strong, an engineer, became known as one of Long Island's leading weather authorities before he passed away on August 23, 1983. Mrs. Sylvia Strong, his widow and the current observer, has continued the family tradition in his memory.

In 1985, upon completion of 100 years of service from this dedicated family, the station was renamed Setauket Strong in their honor. This station has the honor of being the longest established site in New York State with weather records maintained by a single family.
EASTERN REGION

-- 100th ANNIVERSARY --

PRESENTATION OF JEFFERSON AWARD AND CENTENNIAL AWARD

On February 14, 1981, the Thomas Jefferson Award was awarded posthumously to Daniel Smiley. The presentation was made at the Mohonk Preserve Headquarters, New Paltz, NY. Mr. Smiley had previously received the Holm Award (1970) and Stoll Award (1987).

Mr. Smiley, a natural scientist, used the climatological data that has been compiled, for over 90 years at Mohonk Lake, to enhance his studies in Limnology, Hydrology, Dendrochronology, phenology, bird migration, and acid rain. Dan also did many summaries on such subjects as 24-hour and one-storm precipitation, halos, mock suns, coronas, frost dates, and growing seasons, snow, and temperature extremes. Charts have been prepared for average temperatures, frost dates and growing seasons, precipitation and snow accumulations. Dan often shared his files with such people as environmentalists, geologists, linguists, entomologists, historians, and foresters.

Also on February 14th, the Smiley Family was also presented the Centennial Award Certificate. Edward A. Smiley began taking observations in January 1890 at Lake Minnewaska, NY. In 1896 the station was moved to Mohonk Lake and has been on the same site ever since Daniel Smiley began taking the observations on December 1, 1937, and continued until his death. Paul C. Huth, Director of Research for Mohonk Preserve, has now assumed the duties of observer.

The awards were presented to Jane R. Smiley and daughters Pril Smiley, and Anna S. Perry by Dr. Susan F. Zevin, Director of National Weather Service, Eastern Region. Also present at the presentation were: Roland Guy Loffredo, National Weather Service Area Manager, Albany, NY; Ray S. West, Cooperative Program Manager; and Alfred B. Smiley. A descendant of the Minnewaska Branch of the family; Paul C. Huth, Director of Research for the Mohonk Preserve; other members of the Mohonk Preserve; and invited guests.

Photo: From left to right: Ray S. West, Jane R. Smiley, Dr. Susan F. Zevin, and Roland Guy Loffredo.

Albert L. Mathers, observer, Vienna Dunn Loring, VA, was presented the John Campanius Holm Award for his outstanding accomplishments in the field of meteorological observations. This award is presented annually to only 25 of the nearly 12,000 cooperative weather observers in the United States. James Smith, CPM, Baltimore, MD, made the presentation and took the photo.

A 50-year Institutional Award was presented to the U.S. Corps of Engineers at Surry Mountain Lake, NH. Jennifer Carrier and Phil Morrison accepted the award. James Donahue, CPM, Portland, ME, made the presentation and took the photo.

Cooperative observers who were able to attend the National Weather Service Eastern Region Headquarters Centennial Celebration. Photo (left to right): Frank Martino, NY Ave V - Brooklyn; Ralph Cole, NY Westerleigh - Staten Island; Bruce Rosenberg, Dix Hills, NY; Sylvia Strong, Setauket Strong, NY; Dave Taylor, Bedford, MA; Richard Hendrickson, Bridgehampton, NY. Attendees not in photo: Bob Brown, (Brookhaven National Lab), Upton, NY; Tom Carey, Vanderbilt Museum, NY. Not able to attend: Joseph and Sue Kranzki, Patchogue, NY; Rod Zeltman (Cornell U. - L.I. Horticultural Research Lab), Riverhead, NY; Jim Mulligan, (Nassau County - DPW), Mineola, NY and Wantagh Cedar Creek, NY. Photo by Tony Mach, CPM, Hartford, CT.
Several Individual and Institutional Awards for Length of Service were presented at the Southern New England Centennial Ceremony honoring Cooperative Weather Observers. Pictured are Robert J. Bushey, who accepted three 50-year Institutional Awards on behalf of Northeast Utilities - Connecticut Light & Power Co. for service at Bulls Bridge Dam, Rocky River Dam, and Stevenson Dam in Conn.; and Sylvia Lawson who received a 10-year Length-of-Service Award for service at Chesterfield, MA. Photo by Tony Mach.

Vilma Maide, observer, West Sand Lake, NY, was presented a 10-year Length-of-Service Award by Ray West, CPM, Albany, NY.

A Centennial Award was presented to the Strong Family for 105 years of service as cooperative weather observers at Setauket, NY, by Dr. Susan F. Zevin, Director of National Weather Service, Eastern Region. Left to right: Dr. Zevin, Sylvia Strong, and Ann Strong. Photo by Tony Mach, CPM.

The Duke Power Company, Bridgewater Hydro, NC, received a 50-year Institutional Award. Accepting the award are (left to right): Earl Bailey; Patrick McLean; and John McGalliard. Presentation was made by Earl Rampey, former CPM, Columbia, SC, who has since retired.

Dr. Susan F. Zevin presented Frank J. Martino with a 40-year Length-of-Service Award and a 50-year Institutional Award for the NY-Avenue V, Brooklyn Station. Mr. Martino accepted the institutional award on behalf of the NYC Dept. of Environment Protection. Mr. Martino began his service as the NY Bensonhurst observer from 1950 to 1953. He then became the actual observer at the NY-Avenue V station where he was employed. After retiring Frank continues to make the daily trip from his home to the station site for observations. Photo (from left): Mr. Martino, Tony Mach, and Dr. Zevin.

Claude Wright is shown accepting a 50-year Institutional Award on behalf of the Duke Power Company, Mount Holly, NC. Earl Rampey made the presentation.
The Duke Power Company, Rhodhiss, NC, received a 50-year Institutional Award. Accepting the award are (left to right): Dean Kirby; Carol Thompson; Clay Hoyle; and Bobby Thompson.

Mr. & Mrs. James M. Harmon, observers, Woolwine, VA, were presented a 10-year Length-of-Service Award by Dan Houser (left), Deputy MIC, WSFO, Charleston, WV. Photo by David A. Keller.

John Mayak, observer, Somerset, PA, received a 20-year Length-of-Service Award. Don Wolfe, Cooperative Program Manager, Pittsburgh, PA, made the presentation and took the photo.

Anita Newcomb, observer, Hall, WV, was presented a 20-year Length-of-Service Award by David A. Keller, CPM, Charleston, WV.

A 50-year Institutional Award was presented to the Duke Power Company, Fort Mill, SC. Accepting the award are (left to right): Joe Sistare; Jimmy Chapman; and Don Legion. Presentation was made by Earl Rampey.

A 25-year Institutional Award was presented to the Water Resource Lab, Parsons, WV. James Phillips (right) accepted the award on behalf of the Water Resource Lab. Dan Houser (left), Deputy Meteorologist in Charge, WSFO, Charleston, WV, made the presentation. Photo by David A. Keller, CPM Charleston, WV.
Station Equipment.
View over city of Anchorage, looking northwest.

Observers home, looking north-northwest.

View over city of Anchorage and Knik and Turnagain Arms, looking west-northwest.

Parking lot for Chugach State Park, looking east; hiking, backpacking, mountain climbing and berry picking.

Typical terrain, looking east-southeast.

Observers home and coop station, looking north.

Fred Noon (right), Arivaca, AZ, received a 45-year Length-of-Service Award, which was presented by Ron Imes (left), MIC, WSO Tucson. Mr. Noon, a cattle rancher, has kept all his data and has it readily available.

Lewis O. Weaver, Barnes Station, OR, received a 30-year Length-of-Service Award. Mr. Weaver's "ab" network station is located at his home in central Oregon, 50 miles east of Bend. Mr. Lewis owns a bentonite company. Bentonite is a component of kitty litter, among its many uses.

Lois Bell, Paloma, CA, was presented a 10-year Length-of-Service Award by Daryl Williams, CPM, WSFO San Francisco. Mrs. Bell continues a 50-year record of service by her family. Mrs. Bell's mother, Iva Cahoon, began taking readings in 1940. Mrs. Bell's late husband, James, was the observer from 1946 to 1980.

Mrs. Ellis Watson, Little River, OR, was presented a 20-year Length-of-Service Award by CPM Clint Jenson, WSFO Portland. Little River is 30 miles east of Roseburg, in southwest Oregon.

The California American Water Company received a 50-year Institutional Award for observations at the San Clemente Dam. Accepting the award was Nolan Eldridge (right), Production Supervisor. Norm Hoffmann (left), Area Manager for Northern California, presented the award. The San Clemente Dam, which provides water for the Monterey Peninsula, contains the tallest steelhead trout fish ladder in the United States.

The North Unit Irrigation District was awarded a 50-year Institutional Award for their station at Wickiup Dam, OR. Ray Ames, pictured above, accepted the award on behalf of the Irrigation District, which supplies central Oregon with much of its irrigation water. The District Manager, Chuck Schonneker, has been especially supportive of the weather station.
The Ochoco Irrigation District, Ochoco Dam, OR, was presented a 50-year Institutional Award. Shown with the award are District Manager Hugh Moore (left); and Ron Passenger (right). Thanks are also due retired manager La Belle Coles for his 40 plus years of service.

A. W. Walch, Baring, WA, received a 20-year Length-of-Service Award. Rick Orres, CPM, WSFO Seattle, presented the award on behalf of the NWS.

The O.O Ranch, Malheur National Wildlife Refuge, OR, was presented a 50-year Service Award by George Miller (left), NWS Area Manager, OR. John O'Connell (right), supervisor, accepted the award. Many rare birds can be seen at the refuge which is located along one of the major north-south flyways.

Postmaster Patricia Green, Appleton, WA, was presented a 10-year Length-of-Service Award by Rick Orres.

The James River Corporation, Wauna, OR, was recently presented a 25-year Award by CPM Clint Jenson, WSFO Portland. James River owns and runs a large pulp and paper mill at Wauna, about 25 miles from the mouth of the Columbia River. Shown with the award are Richard Bangs (left) and Don Flack (right). Other observers are Ray Patterson; John Cheuvront; Rick Gregory; George Yackley; Jerry Davis; and Carl Nyberg.

Nikki Hay, Clearwater, WA, received a 10-year Length-of-Service Award. William Palmer, Supervising Meteorological Technician, WSFO Seattle, presented the award for the NWS.
SOUTHERN REGION

Sallye Hayes Borchert, cooperative weather observer, Stuttgart, AR, was recently presented a 25-year Special Service Award by John McBroom, CPM/BNA. Mr. Borchert is shown accepting the award for his wife.

A 25-year Institutional Award was presented to Fort Bayard Hospital, NM, by Dick Snyder CPM/ARJ. Station history dates back to January 1, 1967. Steve Chacon, Steam Plant Manager, is pictured accepting the award.

O.E. Ketchum, cooperative weather observer, Bonnerdale, AR, was presented a 25-year Length-of-Service Award by Woody Currence, CPM/LZK.

A 20-year Length-of-Service Award was presented to Herman L. Gray, Pine Bluff-Free Bridge, AR, by Woody Currence. Mrs. Gray is pictured with Mr. Gray.

Louise H. Yates, cooperative weather observer, Bismarck, AR, was presented a 25-year Length-of-Service Award by Woody Currence.

A 20-year Length-of-Service Award was presented to Lott Turner, Senior Forest Ranger, and Carolyn Gawley, Fire Tower Operator at Folkston, GA. The award was presented by Tom Clarke, CPM/LAL.
James K. Cadwallader, cooperative weather observer, Mountain Park, NM, was presented a 20-year Length-of-Service Award by Dick Snyder. Jim is an outstanding weather observer and never misses an observation. He also owns and manages fruit orchards. Jim was also involved with the space tests at Alamogordo, NM, in the 70s and 80s.

Mary Elizabeth King, cooperative weather observer, Dover, TN, was recently presented a 25-year Service Award. Shown presenting the award to Mrs. King is Derrel R. Martin. John McBroom.

A 25-year Institutional Award was presented to the Corps of Engineers, Pine Creek Dam, OK. Bill Barnhart and Donna Coffey, (left to right), are shown accepting the award. Presentation was made by Woody Currence.

Carrol Proffit accepted a 25-year Institutional Award for the City of Newport, TN. John McBroom made the presentation.

W. Franklin Yates, cooperative weather observer, Shelbyville, TN, was presented a 35-year Length-of-Service Award by Derrel R. Martin, MIC/BNA. (Pictured left to right: Mr. Martin and Mr. Yates.) John McBroom.

Novella T. Evans, cooperative weather observer, Port Royal, TN, was recently presented a 20-year Length-of-Service Award. Mrs. Evans was ill at the time so her husband, R.D., is shown accepting the award from Derrel R. Martin. (Pictured left to right: Mr. Evans and Mr. Martin) John McBroom.
A 25-year Institutional Award was presented to the National Park Service, Dover, TN, by John McBroom, CPM/BNA. Shown accepting the award is observer Mitchell Earhart (left); and Superintendent W.L. Mayer of the Fort Donelson National Battlefield.

A 25-year Institutional Award was presented to Newbern, TN, by John McBroom. Shown accepting the award for the city is Scott McCann (left); and George Pope.

E. Bergman, cooperative weather observer, Round Mountain, TX, was presented a 25-year Length-of-Service Award by Alan Starnes, CPM/ACT.

Levi A. Deike was recently presented a 25-year Length-of-Service Award by Alan Starnes.

A 35-year Length-of-Service Award was presented to George L. Scheel, Wharton, TX, by Richard Vehrs, CPM/SAT. Mr. Scheel was awarded the John Campanius Halm Award in 1984.

A 25-year Length-of-Service Award was recently presented to Helen Teague, Teague Ranch, TX. The award was presented by Alan Starnes.
Kaunakakai Mauka, Molokai, was presented a 25-year Length-of-service Award by Ray Terada, CPM. Raymond Terada; Herbert Yim; and Brian Tachibana.

One-hundred years of observations taken at EWA Plantation, Oahu; Larry Sharp (left) represented the Oahu Sugar Company. Richard Hagemeyer presented the plaque and koa bowl.

Joe Nahoopii, Kalaupapa, Molokai, received his 25-years of Service Award.

Hernan Madrid and Dionisio Della Cruz represented the Turtle Bay Hilton, Oahu. One-hundred years of observations have been taken at Kahuku.

D.L. Grubb, Paiko Drive, Oahu, received a 20-year Length-of-Service Award.

Rose Flores received an award for Ben Mayes for 100 years of observations taken at Waianae, Oahu. Award presented by Richard Hagemeyer.

Alwyn Morisako (left), representing the Board of Water Supply, Oahu, for 101 years of observations taken at Nuuanu Reservoir 5, Oahu. Richard Hagemeyer, Pacific Region Director, presented the award.

Lihue Plantation, Kauai, was awarded a 50-year Length-of-Service Award for Kapaa Stables. Rachel Tamura accepted the award.
Helen Cebellos and Joe Sylvester of Kekaha Sugar, Kauai, accepted 50-year Service Award for Hukipo. Pearly Hodgins, Molokai Ranch, received a 25-year Length-of-Service Award for Waikolu, Molokai.

ERRATA: Spring 1991 issue - Page 14 - Top picture Caption should read:

Waihee Valley, island Maui, on this farthest northwest island of the Hawaiian chain - a distinguished 75-year Institutional Award was presented to “Waikolu Agribusiness Company” for its dedicated cooperative spirit in weather observing and data providing, from this volcanic island valley. Observers Cristino Taclan, ditchman (left) and Patrick Sugai, Crop Control Sup. (right) accepted the award.

Bottom picture Caption should read:
The principle weather observers have all been members of the Beck family at Kaupo Ranch, island of Maui. The NWS 25-year Institutional Award was accepted happily by (left to right): Alice (Kalei) - daughter; Esther - mother; Leighton - father; and Eleanor (Lei) - daughter.

Summer 1991 issue - Page 2 - Bottom left picture Caption should read:

During this enjoyable banquet, our “Candid Camera” had caught the National Weather Service Headquarters representative, Lena C. Loman, Federal Coordinator, carefully “coordinating her lean meal” and “one calorie drinks.” What a relaxing ambiance at the first Spring Day here - compared to our continental hustle! (Photo by Orlando R. Almarza, CPM, Hilo, HI.)

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