

The National Cooperative Observer Newsletter



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NUMBER 1

EASTERN REGION

SOUTHERN REGION

CENTRAL REGION



WESTERN REGION

ALASKA REGION

PACIFIC REGION

noaa

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

ABOUT THE COVER: Kalapana shoreline on the southeast coast of the island of Hawaii is being transformed geographically into newly created land by molten lava entering the Pacific Ocean. (Photo by Orlando R. Almarza, CPM Area I.)

PACIFIC REGION



A 25-year Institutional Award was presented to Dole Company, Island of Lanai, for stations Kaumalapau Harbor and Malauea. Left to right: Joe Liu Man Hin, Research Coordinator; Bernadette Hanog, Job Supervisor; James H. Parker, Director of Agriculture.



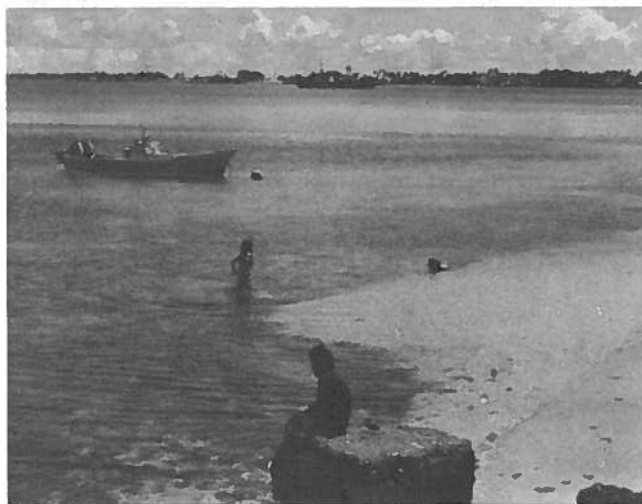
A 25-Year Length-of-Service Award was presented to the Honolulu Zoo. Jamison Martinez, one of the observers at the zoo, accepted the award.



Kenneth Lyman Bond received a 10-Year Length-of-Service Pin for rainfall data collection at his residence, Hawi Station. In 1977, he was the recipient of the John Campanius Holm Award. A member of an old missionary family, which still maintains Kohala Mission station, K. L. Bond died in November 1985.

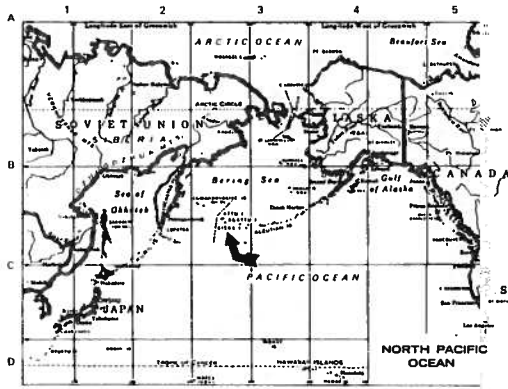


Cooperative station Laura on Majuro Atoll. Pictured left to right: Paul Peter, OIC WSO Majuro; Ray Terada CPM; and Kun Te Lee, acting director of Chinese Agricultural Mission.



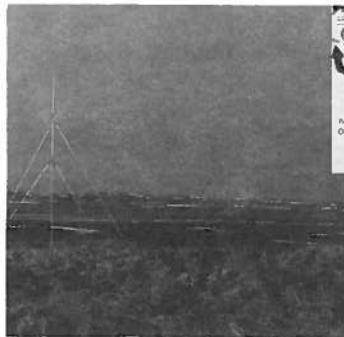
Weather Service Office Majuro in the Marshall Islands. This is the back of the weather station facing the lagoon.

ALASKA RECORD



The Stars and Stripes have flown over Alaska since 1959. In that year, President Dwight D. Eisenhower sold this vast land to the United States for \$7,200,000. Alaska officially became a state on January 3, 1959. President Eisenhower signed the statehood paper.

The name Alaska comes from an Aleut word meaning "mainland" or "big island". The state is so large that it increased the area of the United States by a fifth. Alaska's strategic location makes it important to the United States both for defense and for offense.



The Aleutian Range is a continuation of Alaska Range. It runs the length of the Alaska Peninsula (about 500 miles) and is continued by the Aleutian Islands, which are partially submerged peaks of the range. The mountains are of volcanic origin and include some of the world's largest volcanoes.

The climate is windy, wet, and foggy the year round. Scarcely a day goes by in this unfriendly country.

Aleuts are closely related people to Eskimos, but have their own language and customs. They live on foggy Aleutian Archipelago, where the NWS station Amchitka is located. Today there are only a few thousand. They still attend old Russian-built churches with onion-shaped domes. They are big game hunters and fishermen.



During World War II Japanese Invasion Forces were occupying Kiska Island, the extreme part of the Aleutian Archipelago, in the vicinity of Amchitka, with U.S. Navy detentions of Japanese FIRST prisoners of war, and its Weathermen!

Even today, on those desolated islands, we can see scattered air land wreckage from the last war, as well as countless unexploded artillery and bomb shells on its surface. However, after the war most of the atomic explosions were tested underground - for the safeguard of America.

Amchitka Island is one of the Rat Islands located in the Aleutian Islands, approximately 1,400 air miles southwest of Anchorage. The 'Piquiniq' management corporation provides services for the Navy station, SAWRS, and Climate program. (Photos by Ed Misiewicz, Chief of Coop Branch, Anchorage)

EASTERN REGION



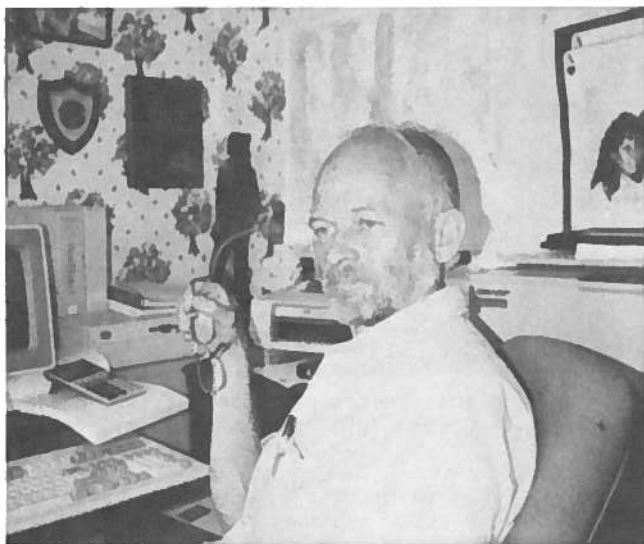
Cyril G. Small, observer, Lockport 4 NE, NY, was presented with the John Campanius Holm Award for his outstanding accomplishments in the field of meteorological observations.

Mr. Small began taking precipitation observations in 1955 in Sodus, NY. In 1961, after he moved to Lockport, NY, a cotton region shelter and an evaporation pan were added to Cyril's weather station.

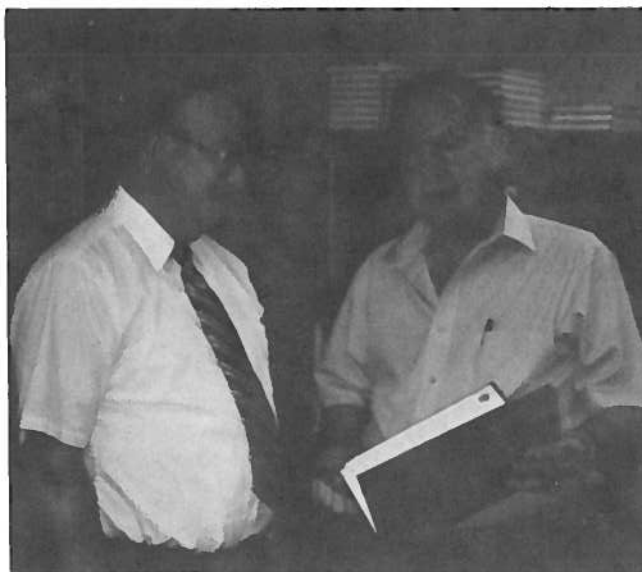
Mr. Small, along with his lovely wife, Gertrude, and his faithful friend and neighbor, Ray Pease, has never missed an observation. Thank you for your dedicated and conscientious observing.

The presentation was made by Don Wuerch, Area Manager, Buffalo, NY. Arrangements for the presentation were made by Ray West, Cooperative Program Manager, Albany, NY.

Photo by Don Wuerch. From left to right: Gertrude Small, Cyril Small, Ray West, and Ray Pease.



Ray Allen, observer, was presented a 20-Year Length-of-Service Award. Ray owns the Allenholm apple farm on Grand Isle. James Donahue, Cooperative Program Manager, Portland, ME, made the presentation.



Kermit Edney--owner/manager, and the staff of Radio Station WHKP were recently presented with a certificate in recognition of their first 25 years of public service as cooperative weather observers at Hendersonville, NC.

Odell Sluder, Official in Charge, Weather Service Office, Asheville; Andy Scott, WSS; and Earl Rampey, Cooperative Program Manager for western North Carolina; made the presentation of the Institutional Award. Earl indicated that WHKP has added valuable climate data to a precipitation record begun in September 1890 and the observations of temperature extremes begun in June 1898.

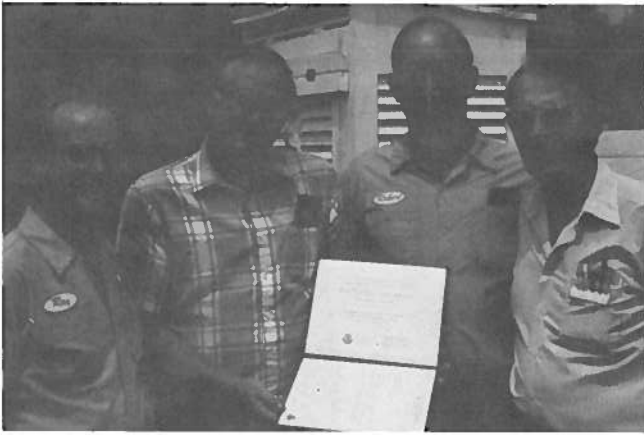
Mr. Edney, a weather buff, authored a book about the climate for this area of North Carolina. This is a very interesting and informative book and recommended reading. The valuable climate record kept by WHKP and others before them (including J.T. Fain, Jr. of the Hendersonville Times-News Co.) is used in the decision making process of many in industry and recreation.

Photo from left to right: Earl Rampey and Kermit Edney.

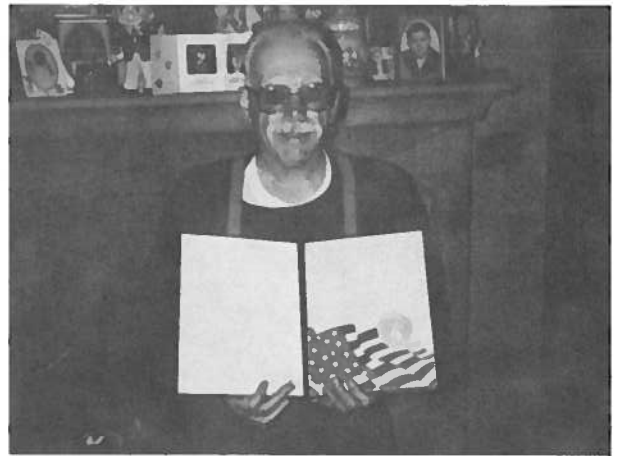


A 10-Year Length-of-Service Award was presented to John Barber, observer, Bridgewater, ME. James Donahue presented the award.

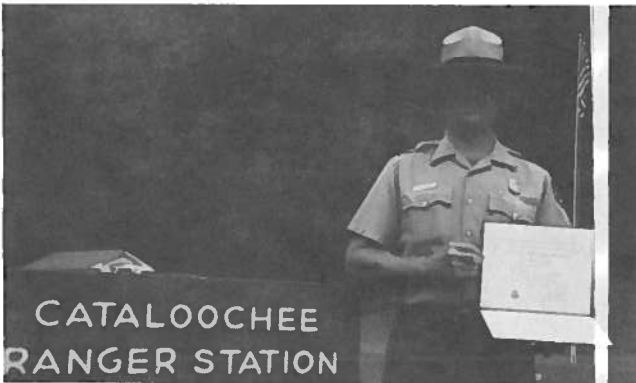
EASTERN REGION



A 50-Year Institutional Award was presented to the Ecusta Corporation, Pisgah Forest, NC. Accepting the award are (left to right): Ray Norman, Dave Ducker, Water Plant Supervisor; Robert Orr, and Charles Golden. Earl Rampey made the presentation.



Our Clearfield, PA observer, Bill Stewart was presented a 20-Year Length-of-Service Award by Donald Wolfe, Cooperative Program Manager, Pittsburgh, PA. Photo by Donald Wolfe.



Ranger Dan Shirliu accepted a 25-Year Institutional Award on behalf of the Cataloochee Ranger Station, Cataloochee, NC. Presentation was made by Earl Rampey.



A 10-Year Length-of-Service Award was presented to Meril Fagley, observer, St. Charles, PA, by Don Wolfe.



Thomas M. Karr, observer, Concord, NC, completed 20 years of service. He reports rainfall amounts to the Weather Service for use in the river flood forecast program and also when severe storms threaten his area. Mr. Karr has always shown great interest in cooperating with the Weather Service, this probably stems from his long service as a weather forecaster for the United States Air Force.

Earl L. Rampey made the presentation of a 20-Year Length-of-Service Pin and certificate in honor of this service.



A 10-Year Length-of-Service Award was presented to Mark McCullough, observer, Waynesburg I E, PA. Don Wolfe made the presentation.

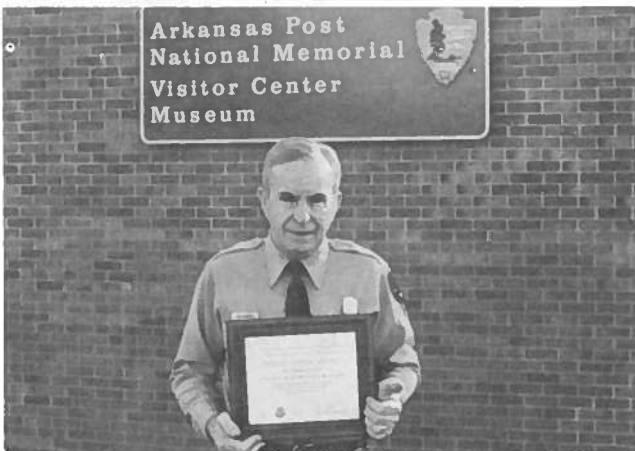
SOUTHERN REGION



John B. Holdsworth, cooperative observer, Crystal City, TX, along with his wife, was presented the Edward H. Stoll Award by Al Dreumont, MIC, San Antonio, TX. This award was named for the Elwood, NE farmer who was an observer for more than 76 years. Mr. Holdsworth received the John Campanius Holm Award in 1979. Richard Vehrs, CPM/SAT, made all arrangements and assisted in the presentation.



Frank Ramsey, cooperative observer, Kansas 1 ESE, OK, received the John Campanius Holm Award for 32 years of dedicated service. The presentation was made by Don Devore, MIC, Tulsa (left); and Woody Currence, CPM/LSK (right).



A 25-Year Institutional Award was presented to the National Park Service at the Arkansas Post National Memorial. Superintendent D. L. Huggins accepted the award. Observer Huggins retired shortly after the picture was made. John McBroom, CPM/MEM.



Mark Phillips, left, and Sam Beasley, observers, for the University of Florida AREC at the Suwannee Valley Experiment Station near Live Oak, FL, were presented a 25-Year Institutional Award by Tom Clarke, CPM/FL.



Ray R. Hutto, observer, Damascus 2 NNE, AR, received his 20-Year Length-of-Service Award. The certificate was presented by Woody Currence, CPM/LZK.



Louis L. Dunlap, observer, Levelland, TX, received his 25-Year Length-of-Service Award from Chuck Megee.

SOUTHERN REGION



Kenny Scott (left), Chief Operator for the City of Big Spring, TX Water Filtration Plant accepted a 25-Year Institutional Award for the station at Big Spring. Presentation was made by CPM Chuck Megee and Larry Toombs, SMT, Lubbock, TX.



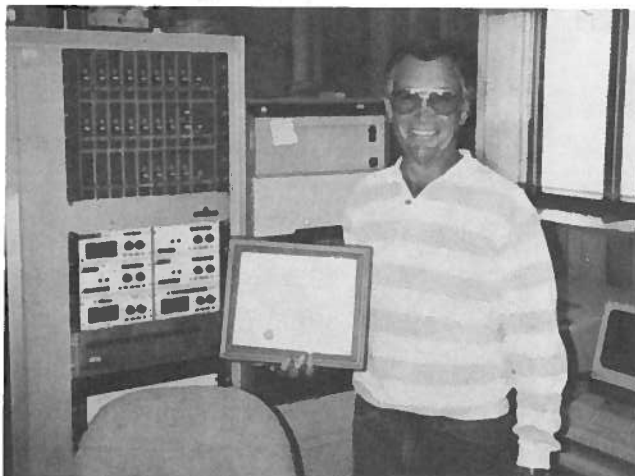
J. C. Newland, observer, Crane, TX, along with Mrs. Newland accepted a 20-Year Length-of-Service Award. Jack has retired with well over 40 years with Gulf Oil Company, but still enjoys keeping up with the weather and always gets the reports in on time. Presentation was made by Chuck Megee.



K. R. Dossey, Chapman Ranch, TX, accepted a 25-Year Institutional Award for the Santa Cruz Farms, Inc. Chuck Megee, CPM from Lubbock, TX, made the presentation.



A 25-Year Institutional Award was presented to the City of Natchez Water Treatment Plant, MS. Pictured from left to right: Larry Hoover, Plant Manager, Jo Anne Thornton, Tech., and Kevin Bullock, Tech. The award was presented by Thom Stenman, CPM/JAN.



USDA, ARS, Conservation and Research Center, Bushland 1 WSW, TX, was recently presented a 25-Year Institutional Award by Chuck Megee. Ron Davis, Agricultural Engineer, accepted the award for the Research Center.



A 25-Year Institutional Award was presented to the U.S. Forest Service - Mountainair R/S, NM, recently. Jenie Monk accepted the award. Dick Snyder is the CPM for Albuquerque, NM.

CENTRAL REGION



Ruby Stufft has been the weather observer at Elesmere, NE, since April 1, 1920. She has taken approximately 25,550 precipitation readings, recorded the temperatures approximately 33,000 times. If the precipitation was added up by the normals, Ruby has observed a "wall" of precipitation over the 70 years of 175 feet high. If the snow was added up, she had observed a "wall" of snow over 200 feet high. She has described the days of weather on each form over 25,000 times. And Ruby has a special observation she performs on a daily basis. The observation is the description of the sunset. She believes that the sunset is the most beautiful time of the day. Ruby also states, "I do the weather because I enjoy watching it and feel that it is important to be done. I only hope I am doing a good job." Can you imagine! She has been doing an excellent job for 70 years and she still worries that she should or could be doing more. What a lady!! From left to right: Mike Elias, CPM/Goodland; Ruby Stufft, cooperative observer; Thomas Sinclair, CPM/OMA. (In addition to the 70-Year award, Ruby's other awards were present at this occasion: Holm, Jefferson, Stoll, Landsberg, and all her other service certificates.)



Thomas Sinclair, CPM/OMA, is shown reading letters from the President of the United States; the Governor of Nebraska; U.S. Senator Exxon, Nebraska; U.S. Senator Kerrey, Nebraska; U.S. Congressman, Doug Beureter, Nebraska; a proclamation adopted by the Nebraska Unicameral commending Ruby Stufft for service to Nebraska Weather and the National Weather Service duties; letters from all the weather service offices in the state of Nebraska; letter from the Nebraska State Climatologist, Dr. Kenneth Hubbard, University of Nebraska; and a birthday card signed by every employee of the weather service in the state of Kansas. (This was accomplished by Mike Elias.)



Armilda Burhenn, Stonington, CO, was presented a 30-Year Length-of-Service Award by Mike Elias.



This is a picture of Ruby and all her children. All were presented a "weather hat" from Tom Sinclair and Mike Elias. Left to right: Starting with bottom row: Vera, Ruby, Evelyn, Lester; Top row left to right: Harold, Allan, Francis, James, and Dorthy Stufft.

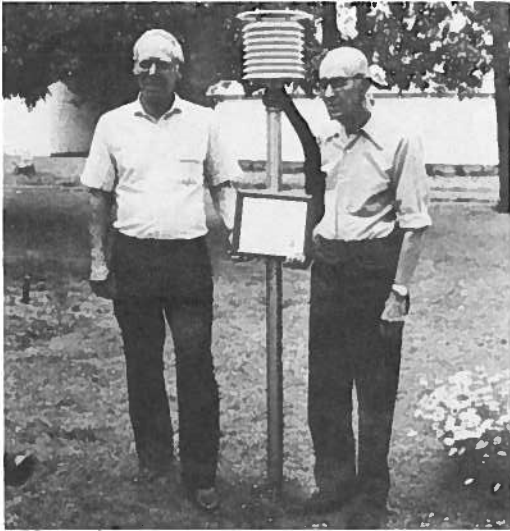


The Department of Natural Resources of Harrison-Crawford State Forest, IN, was presented a 50-Year Institutional Award. The award was accepted by the current observer. Annette Brown, who also takes weather observations for the National Forest Service. The award was presented by John T. Curran, Area Manager for IN. Accompanying Mr. Curran were Albert P. Shipe, Service Hydrologist (pictured with Annette) and Roger Kenyon, CPM/IND.



A 25-Year Institutional Award was presented to WSLM Radio Station in Salem, IN. David Stuart received the award presented by John T. Curran, area manager for Indiana. David has been the observer for the last 12 years. Pictured are David Stuart on the left, and Mr. Curran.

CENTRAL REGION



Robert H. Kohls, Herington, KS, was presented a 45-Year Length-of-Service Award by Gary L. Funke, CPM. Assisting in the presentation was Gary Robinson, SH, WSFO Topeka, KS. Mr. Kohls has also received the Holm and Jefferson Awards.



Employees of the Southeast Kansas Experiment Station near Mound Valley, KS, have been recording the weather for over 25 years. Mike Kramer (left) and Kenneth McNickle (right) accepted the award.



Lester W. Brunner, Cawker City, KS, recently completed 30 years of precipitation reporting. Lester is retired and enjoys raising cattle. Lee Schneider, OIC, WSO Concordia, made the presentation.



Lila Alferts, Axtell, KS, was presented a 20-Year Length-of-Service Award by Gary Funke.



Philip Hennick, Jr., Sharon Springs, KS, was presented a 30-Year Award by Mike Elias.

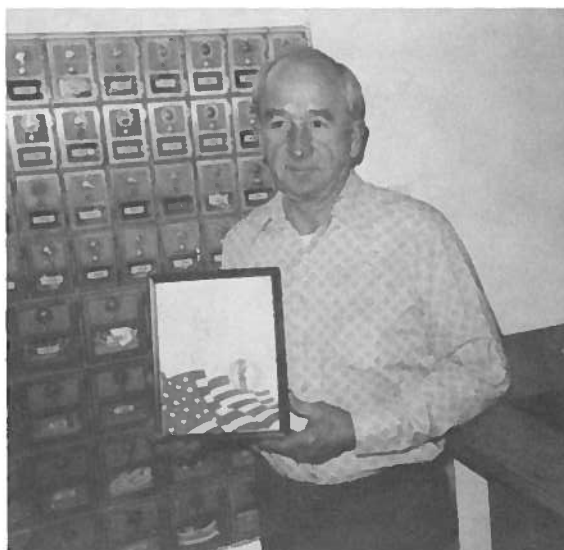


George E. Simpson, Smithfield, KY, was presented a length-of-service award and emblem for 30 years of service, by Peter Tellez.

CENTRAL REGION



Noble Allen, Scottsville, KY, was presented a 40-Year Length-of-Service and emblem award by Peter Tellez.



Louis Jessick, Cross Village, MI, was presented a 30-Year Length-of-Service Award by Stephen Hicks, CPM/ARB. Mr. Jessick is the Postmaster of Cross Village.



William H. Goatley, Springfield, KY, was presented a 40-Year Length-of-Service Award and emblem by Peter Tellez.



Herbert Teichman (right), Eau Claire 4 NE, MI, was presented a 20-Year Length-of-Service Award by Stephen Hicks.



A 35-Year Service pin and award were presented to David K. Carson, Hartford 6 NW, KY, by Peter Tellez.



Mr. and Mrs. Howard Zeng, West Point 1 W, NE, were presented a 40-Year Service Award by Tom Sinclair, CPM/OMA. Mr. Zeng states that he has actually been reading the river for 50 years but only 40 with the Weather Service. Mr. Zeng was the Climatic Observer from 1963-1965.

CENTRAL REGION



H. J. Cox, a previous cooperative observer, accepted a 30-Year Award for nephew Marvin Cox at Mullen 21 NW, NE. Presentation by Mike Elias.



Herbert J. Clark (left), cooperative observer, Powers Lake 1 N, ND, was presented his 40-Year Length-of-Service Award by Vern Roller. Mr. Clark also received a letter from Dr. Friday, Director, NWS, for 40 years of quality observations and service.



Mr. and Mrs. Mack Mahannah, Butte, NE, were presented a 20-Year Award by Tom Sinclair.



John O. Nellerhoe, cooperative observer, Trotters 3 SSE, ND, was presented a 40-Year Length-of-Service Award. Picture and presented by Vern Roller.



Myron J. Bata (right), cooperative observer, Adams 7 SSW, ND, was presented the NWS Edward H. Stoll Award by Don Stoltz (left), area manager, WSFO Bismarck, ND. Mr. Bata has been recording precipitation for the NWS since June 1940 and is the longest serving active cooperative weather observer in North Dakota. Picture by Vern Roller, CPM, WSFO Bismarck, ND.

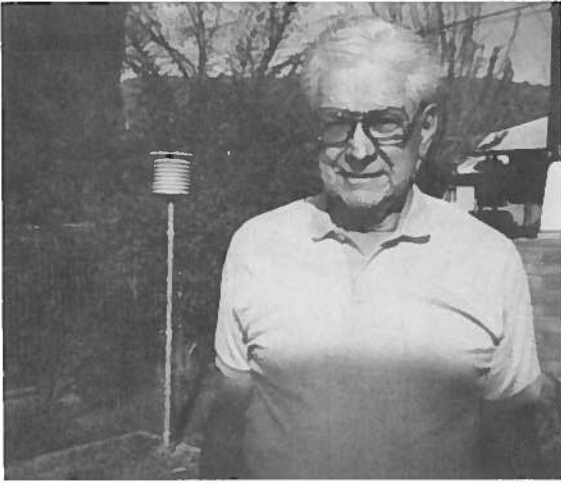


The Carlson family from McLeod 3 E, ND, were recognized for 73 years of weather observations. Pictured accepting the award on behalf of his mother, Charmian Carlson, is John Carlson. Family observers were:

Grandfather	John G. Carlson	1917-1957;
Father	Gordon E. Carlson	1957-1978;
Mother	Charmian Carlson	current observer;
Son	John Carlson; and	
Son	Duane Carlson.	

Picture and presentation by Vern Roller.

WESTERN REGION



Ed Danenhauer, Clifton, AZ, was presented a 45-Year Length-of-Service Award. Now retired from the insurance business, Mr. Danenhauer has been involved in many public service and community activities over the years.



The Sierra Vista, AZ, Fire Department received a Special Service Award which was accepted by Captain Reaves. The entire crew of the fire station helps keep their town, Sierra Vista, placed on television weather maps.



Jim Davis, Vail, AZ, received a Special Service Award from CPM Irv Haynes. Vail is located in the desert 15 miles east of Tucson. Mr. Davis helps the NWS record the precipitation for the area by changing the automatic rain gage tape monthly.



Frank Dotta (right), Vinton, CA, received a 40-Year Award from Bert Soileau, CPM, WSFO Reno. Mr. Dotta, who lives in the beautiful Sierra Valley, sometimes prefers to use his wood-burning kitchen stove, instead of the "new" electric stove.



Clarence Hooker, San Simon, AZ, accepted a Special Service Award from CPM Irv Haynes on behalf of his family who share the observing duties. San Simon, located in southeastern Arizona, receives less than 9 inches of rain annually. The Hookers are cotton farmers.



Jim Fee, Fort Bidwell, CA, received a 15-Year Length-of-Service Award. Jim is a rancher at Fort Bidwell, a former military post in Surprise Valley. Fort Bidwell has weather records dating back to 1866.

WESTERN REGION



The City of Santa Barbara, CA, received a 25-Year Institutional Award. Steve Strassburg (left) accepted the award for the City from Jerry McDuffie (right), Deputy Meteorologist in Charge of the Forecast Office, Los Angeles.



Clinton Zanto (left), Highwood, MT, received a 45-Year Length-of-Service Award from CPM George Cline. Mr. Zanto began his volunteer weather observing duties on his ranch, 7 miles northeast of the town of Highwood. Clint and his son Bill kept records of precipitation there until 1983, when the station was moved to Clinton's home in town.



George Stanton, Malta 2 E, ID, was presented a 20-Year Length-of-Service Award. Photo and presentation by Ole Olson, CPM, WSFO Boise.

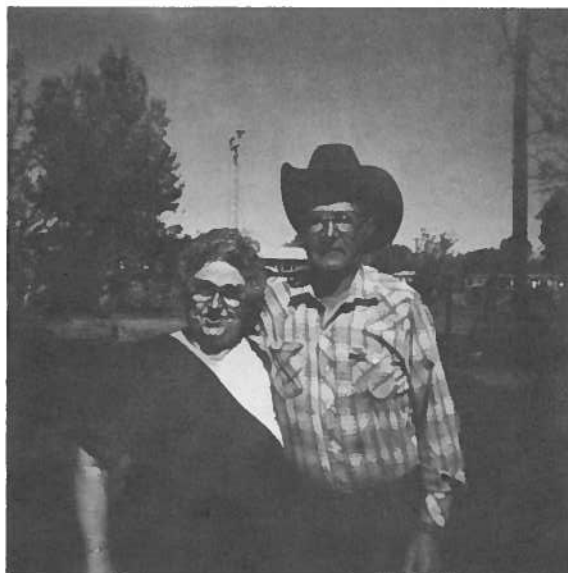


Alex Collie (MacKenzie), a resident of Fallon County, MT, was presented a Length-of-Service certificate recognizing his 40 years as an observer, and a congratulatory letter from Dr. Elbert W. Friday, Jr., Director of the National Weather Service.



Mira Vinion, Fort Benton, MT, was presented the Edward H. Stoll Award marking 50 years of outstanding public service. Mrs. Vinion, along with her late husband, Ira, had previously received the Holm award (1973) and the Jefferson award (1980) from the National Weather Service in recognition of their high quality work. The entire Vinion family has contributed to the operation of the weather station. Each of their seven children learned to accurately read and record the temperature and precipitation.

Mrs. Vinion's involvement with the Fort Benton Historical Society has led to the creation of a Cooperative Weather Station display at the recently opened Montana Agriculture Center's Museum of the Northern Great Plains.



Harriet "Pat" and Millard LaFlamme, Broadus, MT, received a 25-Year Length-of-Service Award. In addition to recording climate data, the LaFlammes take detailed weather observations every six hours which are telephoned to the Weather Service Forecast Office, Great Falls, MT.

WESTERN REGION



Donald and Lucille Ottesen, Powder River County, MT, received a 25-Year Award. The couple share the duties of keeping daily records of temperature and precipitation at their ranch just northwest of the town of Sonnette.



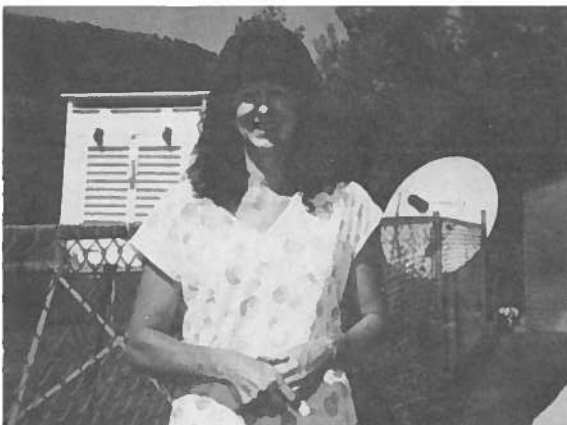
Norma Schwartz, Paradise Valley, NV, was presented a 35-Year Length-of-Service Award by Bert Soileau, CPM, WSFO Reno. The Schwartz family has been taking observations since 1954 at their ranch located about 40 miles north of Winnemucca. The climate station has been situated in Paradise Valley since 1894.



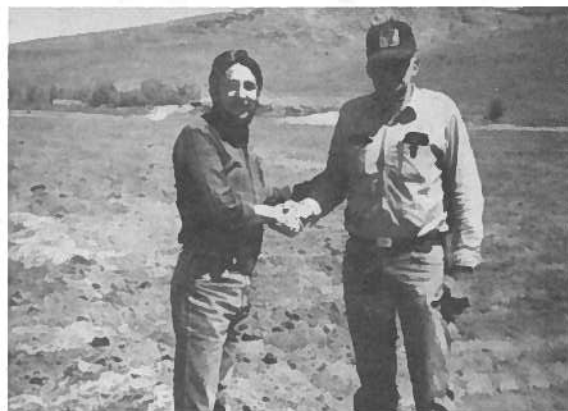
Radio Station KFLN, Baker, MT, was presented a 25-Year Length-of-Service Award. The station performs public service by reporting daily temperatures and precipitation to the Weather Service Office in Billings. In addition, KFLN provides their listeners with the latest weather forecasts and weather warnings issued by the NWS Billings office. Shown in the photo is Russ Newell, station owner.



Ferris and Marlene Brough, Clover Valley, NV, received a 25-Year Length-of-Service Award. They have a ranch in Elko County.



Arnold and Renee Kotthoff, Choteau County, MT, were recently presented a Length-of-Service Award honoring a quarter century of volunteer work as weather observers at their family's ranch 7 miles south of Shonkin 7 S, MT. Renee is shown in the photo.



Farnes Egbert (right), Metropolis, NV, received a 25-Year Length-of-Service Award from Bert Soileau (left). Farnes is a rancher in Elko County, which has become known in recent years for its gold mines. However, cattle ranching still plays a major part in the county's economy.

WESTERN REGION



Mary Gibbs (right), Gibbs Ranch, NV, accepted a 25-Year Length-of-Service Award for herself and husband, William. Bert Soileau presented the award.



The City of Veronia, OR, received a 25-Year Institutional Award for their weather station at the water filter plant. Shown are (left to right) Jerry B. and Robyn Bassett who accepted the award on behalf of all the city employees who "take the weather."



Kenneth Taylor, Idleyld Park, OR, received the John Campanius Holm Award for the outstanding effort and excellent manner in which he has taken observations for the NWS for the last 32 years. Shown in the photo are (left to right) George Miller, Area Manager for Oregon; Mr. and Mrs. Taylor; and Marv Shogren, MIC, WSO, Eugene, OR.



Oregon State Highway Department received a 25-Year Institutional Award for their weather station at Brothers Maintenance Station. Foreman Bob Klingbiel accepted the award presented by CPM Clint Jenson. Brothers is located in the high desert country of central Oregon.



Radio Station KTIL, Tillamook OR, was presented a 25-Year Institutional Length-of-Service Award by Regional Cooperative Program Specialist Jim Jones (right). Shown with Jim are station managers Mildred Davy (left); Harriette Baumgartner (center); and station engineer, Jim Garling.



Oregon State Parks was recently presented a 25-Year Institutional Award by CPM Clinton Jenson. At Rooster Rock State Park, located on the Columbia River about 25 miles upstream from Portland, OR, the Parks division reads a river staff gage daily. Shown with the award are (left) Secretary Dolores Kruckman, who fills out the forms every month, and (right) Frank Arnold, District Park Manager.

WESTERN REGION



A 25-Year Institutional Length-of-Service Award was presented to Seattle (WA) City Light's Boundary Dam station. Pictured with the award are (left to right): Bill Smith, powerhouse superintendent; Bob Smith; and Tom Podominick. Other observers, not pictured, are Jim Johnston, Kathi Rice, and Terry Bungard.



Norma Booher, Smyrna, WA, received a 20-Year Length-of-Service Award from Earl Pickering, CPM, WSFO Seattle. Besides her weather duties Norma is postmistress at Royal City, WA.

COOPERATIVE OBSERVER AWARDS - WESTERN REGION

		<u>Years</u>			<u>Years</u>
Richard Bovey	Kamiah, ID	20	Dennis Hunke	Termo, CA	10
Adolph Kopp, Jr.	Swan Lake, MT	20	Evelyn Logan	Riggins, ID	10
			Jerald Bergman	Sidney, MT	10
Brooke Thompson	Stevensville, MT	15	Sever Enkerud	Tampico, MT	10
			Thomas G. Torgerson	Olney, MT	10
C. Arden Carter	Walnut Grove, AZ	10	Frenchy Montero	Leonard Creek Ranch, NV	10

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 NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE
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