

# The National Cooperative Observer



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EASTERN REGION      SOUTHERN REGION  
CENTRAL REGION



-- 100th ANNIVERSARY --

WESTERN REGION

ALASKA REGION

PACIFIC REGION

**noaa**

NATIONAL OCEANIC AND  
ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

**ABOUT THE COVER:** A double salvo by our Weathermen platoon - for this dual award presentation to **RUBY STUFFT, OBSERVER** for 70 YEARS at ELLSMERE 9 ENE, NE, created on her name. Left to right: Gerald Osborn, observer, Ainsworth, NE; Dave Theophilus, Area Manager, NWS Forecast Office, Omaha; George Matuella, Supervisory Meteorological Technician; Gene Bowman, OIC, Norfolk, NE; Bob Smallfield, OIC, North Platte, NE; Mike Elias, CPM Goodland, Kansas; Tom Sinclair, Cooperative Program Chief, Central Region, Kansas City, MO; Roy Osugi, Hydrologist, WSFO, Omaha, NE; and Terry Landsvork, Cooperative Program Manager, NE.) CONGRATULATIONS!

## CENTRAL REGION



Meteorological luminaries from the tri-state area were pleased to be able to present two awards to Ruby Stufft, a retired weather observer who kept uninterrupted weather observations for the NWS at Ellsmere 9 ENE, NE, for over 70 years. The Ellsmere area is in an austere sandy-rolling landscape swept by harsh winter winds...where buffalos and geese still coexist. Ruby now lives at the "Bethesda" Nursing Home where she was presented both the award named for her and also the Albert J. Myer award.

While Lester Stufft, son and back-up volunteer weather observer for Ruby, holds the framed "Albert J. Myer" award for her 65 years of observations; Dave Theophilus, NWS area manager for NE, reads the credits on the newly named "Ruby Stufft Award" for her 70+ years of dedicated service.

Ainsworth's "KBRB" - Radio station manager, Larry Rice, would not miss this rare occasion to tape the event and retransmit it later to his radio listeners.



Her tenacious attitude and devotion to duty is reflected in her many years of praiseworthy service. Many personnel that have become acquainted with Ruby over the years were on hand to witness the noteworthy event. Ruby is the first to receive both of the new awards for many years of continuous duty for the NWS cooperative program.

Tom Sinclair was the Cooperative Program Manager for Nebraska for more than 10 years. He is seen here recounting some of the fond memories of his work with Ruby.

Among 11,500 climatological stations within the NWS systems, only about 600 locations have achieved 100 years longevity. We are sure that with her son Lester, daughter Evelyn, and granddaughter - the weather station will exceed 100 years of record. We are sure that Tom Sinclair and Dave Theophilus will be happy to return to participate in the Centennial Celebration.

# CENTRAL REGION

-- 100th ANNIVERSARY --



A CENTENNIAL AWARD was presented to the MAMMOTH HOT SPRINGS, YELLOWSTONE NATIONAL PARK, cooperative station. Left to right: Bill Parker, Area Manager, WY; Dan Shelly, Chief Ranger; and Ray Kowrach, CPM, WY.

## WYOMING RECOGNIZES 100 YEARS OF COOPERATIVE OBSERVING

On a cool, crisp October morning, employees of the National Park Service rallied around the Cooperative Observation Site at Mammoth in Yellowstone National Park. The purpose of this meeting was to recognize Yellowstone Park's centennial participation in the National Weather Service's Cooperative Observing Program. It was fitting that the nation's oldest National Park was being honored. The park has served as a source of the nation's pride for well over a century, and during that time, its climate has been methodically documented as part of the Cooperative Network Program.

William T. Parker, the Wyoming National Weather Service Area Manager, and Ray Kowrach, the Wyoming Cooperative Program Manager, were on hand to present a special plaque to park officials honoring a century of accomplishment. Dan Scholl, a park ranger, accepted the award on behalf of all park employees who, through the years, have collected and recorded data in what was, at times, extremely harsh winter conditions.

The University of Wyoming joined the National Weather Service in helping to recognize all of the Wyoming centennial stations. Professor Victor Hasfuther of the Water Resources Department and State Climatologist, was the official university representative. The university has used the data extensively for research and other

activities, and most recently, the university developed the Wyoming Climate Atlas, a definitive work which relied heavily on the Cooperative Program data.

Unlike many other states which had only one large presentation, the 100-year Cooperative Program presentation in Wyoming was planned for four locations. The Wyoming State Hospital in Evanston was officially recognized on August 27, and the Agricultural Extension office in Sheridan was honored on September 17. On October 18, a presentation was held at the Yellowstone Park Headquarters in Mammoth, and on November 18, a final presentation was made to the University of Wyoming.

Holding four separate presentations was time consuming, but the outcome was clearly worth the effort. Short presentations were made at each ceremony, addressing the Cooperative Program in Wyoming, highlighting the role of the University in using these data, and discussing the future of the Cooperative Program in the National Weather Service Modernization

Even in a sparsely populated state like Wyoming, interest continues to be high and the need continues to increase in documenting this nation's climate. These four presentations, highlighted this fact, and served as proper introduction into the next century of cooperative weather collection in Wyoming.

## CENTRAL REGION



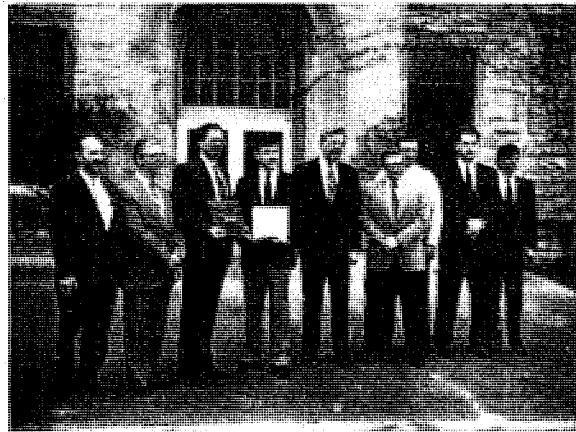
**MR. AND MRS. JACK L. SHARPE, LA HARPE, IL, RECEIVED RECOGNITION** from the National Weather Service **FOR SERVING 40 YEARS AS OFFICIAL WEATHER OBSERVERS.** Two years ago the Sharps were awarded the John Campanius Holm Award for continuous, outstanding service.



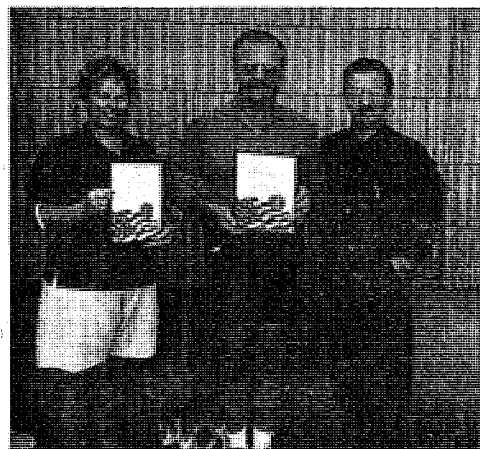
**DOROTHY A. BULLARD** was presented a **30-YEAR LENGTH-OF-SERVICE AWARD** by the National Weather Service. Last year Mrs. Bullard was presented the John Campanius Holm Award. Both of these awards are proof of the contributions she has made to her community and the National Weather Service as an official weather observer for **MORRISONVILLE, IL.**



**RONALD M. HUNT, WATSEKA, IL, RECEIVED RECOGNITION** from the National Weather Service **FOR SERVING 30 YEARS** as an official weather observer. Mr. Hunt has provided continuous and outstanding weather information to his community.



**NORTHERN ILLINOIS UNIVERSITY, DEKALB, IL,** received an **AWARD FOR 25 YEARS** of continuous, outstanding weather observations for the local community and the National Weather Service. From left to right are: Dr. Revelle; Dr. Staver; Dr. Harlan, Chairman of Department of Geography; Greg Sparrow, Mayor of DeKalb; Dr. La Tourette, President of Northern Illinois University; Paul Daily, Chief Meteorologist for the NWS for IL; Bill Buckingham, Cooperative Program Manager for IL; Eric Helgeson, NIU Weather Service Director; and Dr. Fortune.



**CONNIE AND MINOR AVERY** were presented **10-YEAR LENGTH-OF-SERVICE AWARDS.** They are the official weather observers at **PAW PAW, IL.** The award was presented by Joe Baalke, OIC, WSMO Marseilles. The Averys also work with the local **ESDA.**

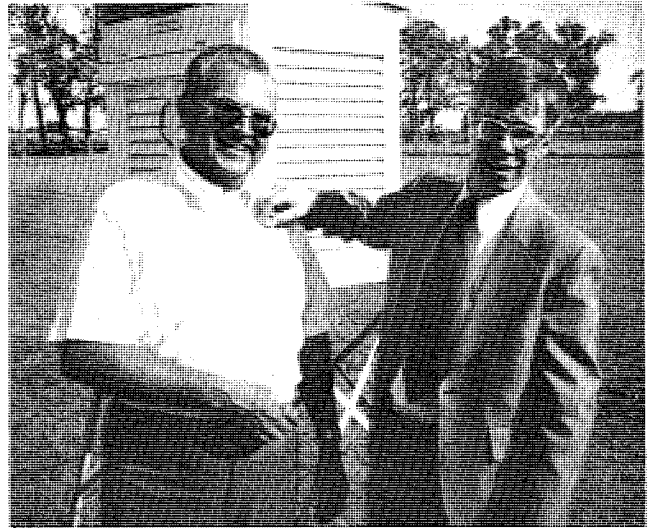


**MARVIN BARTLING, OBSERVER, PARK FOREST, IL,** was presented a **10-YEAR LENGTH-OF-SERVICE AWARD** by Bill Buckingham.

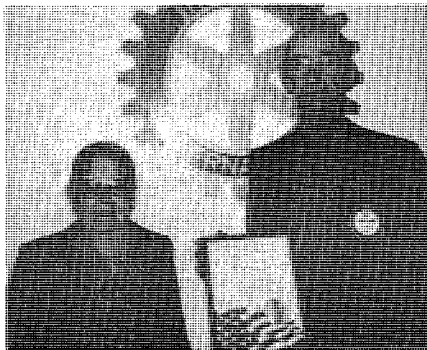
## CENTRAL REGION



A 35-YEAR LENGTH-OF-SERVICE AWARD was given to MR. AND MRS. HENRY ROWE, MONROEVILLE 3 ENE, IN. Mr. and Mrs. Rowe shared in the cooperative weather program the last several years. Mrs. Rowe would measure the precipitation and Henry would call it in on the computer modem called "ROSA." Award was presented by Albert Shipe, SH/IND, and Roger Kenyon, CPM/IND.



WARREN BAIRD, TIPTON 5 SW, IN, received a 15-YEAR PIN from Albert Shipe. Warren is an excellent agricultural weather observer and records and transmits temperature, humidity, soil temperature, evaporation, wind, and hourly precipitation data.



JOSEPH E. PETERSON, DELPHI 3 NNE, IN, received a 30-YEAR LENGTH-OF-SERVICE AWARD from Roger Kenyon and Albert Shipe, WSFO Indianapolis. Mr. Peterson received the John Campanius Holm Award in 1989 and continues to be a model cooperative weather observer in Indiana. Pictured are Mr. and Mrs. Joseph E. Peterson.



CHARLES BOSSUNG, CHALMERS, IN, received a 15-YEAR PIN from Roger Kenyon. Charlie (left) has an exceptional interest in the weather and is a very dependable observer.



VERNA SCHUTTE, FARMERS RETREAT, IN, received a 25-YEAR PIN from Roger Kenyon.



GREG HART (left), SUPERINTENDENT OF LAGRANGE WASTEWATER PLANT was presented a 15-YEAR LENGTH-OF-SERVICE AWARD by the National Weather Service. Greg observes temperature and precipitation for the LAGRANGE, IN, area.

Greg reports rainfall to the weather service using the ROSA modem. Mr. Hart also monitors a Fisher & Porter recording precipitation gage. Thanks Greg for 15 years of quality data. Award was presented by Roger Kenyon (right).

## CENTRAL REGION



The National Weather Service presented a **15-YEAR LENGTH-OF-SERVICE AWARD** to **ED NAGLE** (right), teacher of math at tri-state university. Mr. Nagle observes temperature and precipitation for the **ANGOLA, IN**, area.

Ed reports rainfall to the weather service using the ROSA modem. Mr. Nagle also monitors a Fisher & Porter recording precipitation gage. Thanks Ed, for 15 years of quality data. Award was presented by Roger Kenyon (left).



A **10-YEAR LENGTH-OF-SERVICE AWARD** was presented to **CARL AND DAN BUSH** by Jim McIntyre, MIC, Midwest Ag Center, West Lafayette, IN. Assisting in the presentation was Al Shipe and Roger Kenyon.

Carl Bush has been the principal observer for the 10-year period, but Dan has been instrumental in keeping the data flowing in times when Carl could not observe. The Bush family is part of the climate, hydrological, and agricultural weather networks in Indiana. Their daily data, sent via ROSA, is vital to the meteorologists and climatologists of the Hoosier State. The data received is always timely and accurate from the **PERRYVILLE 4 WNW, IN**, station.



**PAT SCHOMBER, BROOKVILLE, IN**, was presented a **15-YEAR LENGTH-OF-SERVICE AWARD** by Albert Shipe (right), Service Hydrologist Indianapolis, and Roger Kenyon (left). Pat (center) observes temperature, precipitation, and river stages on the Whitewater River.



A **10-YEAR LENGTH-OF-SERVICE AWARD** was given to **JERRY WYNN** (right), **ROCHESTER, IN**, by Albert Shipe. Picture by Roger Kenyon.



**STAN FULKERSON, WILLIAMS, IN**, was presented a **10-YEAR LENGTH-OF-SERVICE AWARD** by the National Weather Service. The award commemorates 10 years of rainfall and river observations for the Williams Dam area.

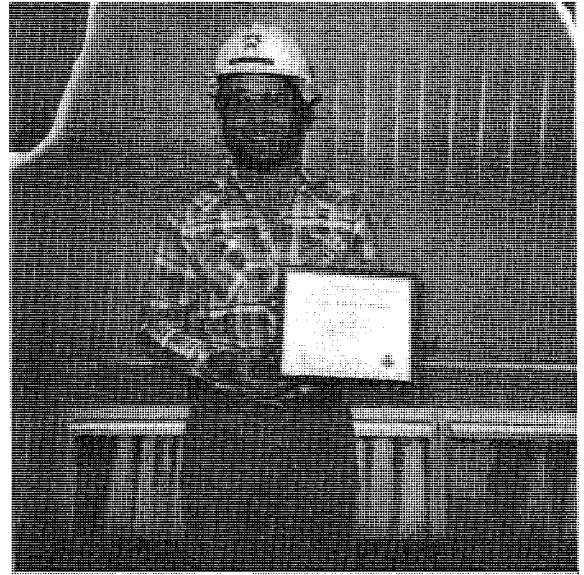
Stan (right) observes rainfall and river stages daily and calls the information in to the weather service by means of computer modem. In a few short minutes, the weather service is able to use Stan's information.

The National Weather Service appreciates the dedication of Stan and wishes to congratulate him on a job well done.

## CENTRAL REGION



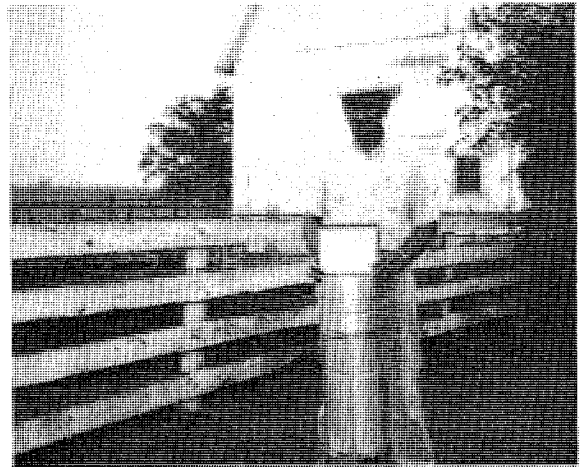
**NORMA NIXON, PECK 3 WSW, KS,** was given a **35-YEAR LENGTH-OF-SERVICE AWARD**. Norma reports precipitation and the river stages. Making the presentation were Leo Ritter (right), WSO Wichita; and Gary L. Funke, CPM (left), WSFO Topeka, KS.



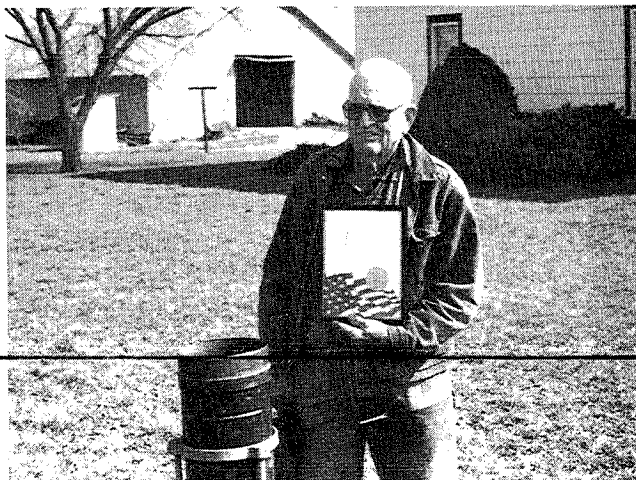
**THE KANSAS POWER AND LIGHT STATION, HUTCHINSON, KS,** has been providing the Weather Service with temperature and precipitation observations twice a day for the past **25 YEARS**. Rick Van Buren, plant manager, accepted the award.



**WALTER W. IRELAND, FLORENCE, KS,** was presented a **30-YEAR LENGTH-OF-SERVICE AWARD** by Leo Ritter.



**BILL J. PUTTHOFF, EFFINGHAM, KS,** was presented a **25-YEAR LENGTH-OF-SERVICE AWARD** by Gary L. Funke.



**STANLEY J. NORTH, SAFFORDVILLE, KS,** was presented a **30-YEAR LENGTH-OF-SERVICE CERTIFICATE** by Gary L. Funke.



**ROBERT L. LEVIN (right), SMITH CENTER, KS,** is shown accepting his **25-YEAR LENGTH-OF-SERVICE AWARD** from Leighton Schneider, OIC, WSO Concordia. Gary L. Funke assisted in the presentation.

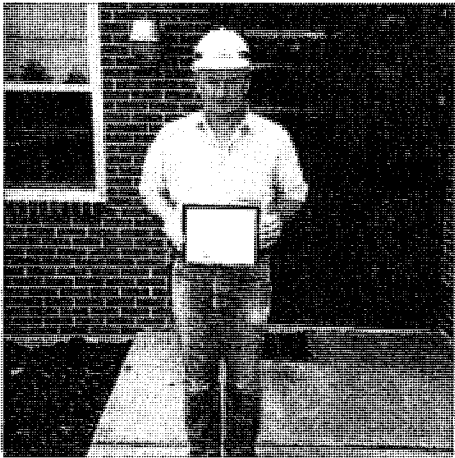
## CENTRAL REGION



MR. AND MRS. ERVIN ELDRED, JR., DUNLAP 2 N, KS, were presented a 25-YEAR LENGTH-OF-SERVICE AWARD.



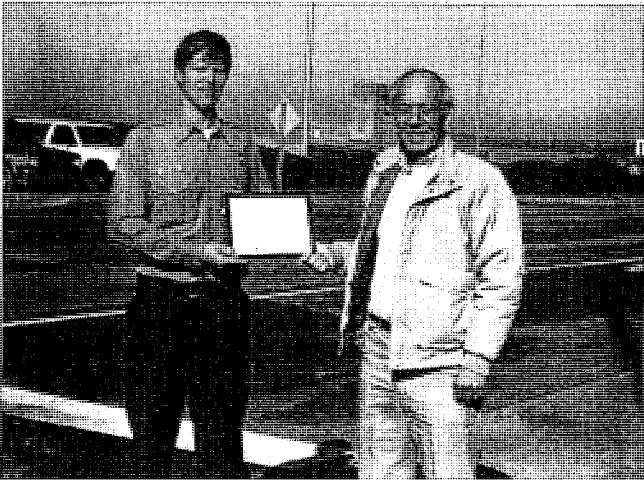
MR. AND MRS. LAURENCE HESS, SHARPE 3 E, KS, were presented a 20-YEAR LENGTH-OF-SERVICE AWARD. Pictured on the right is Gary L. Funke, who made the presentation.



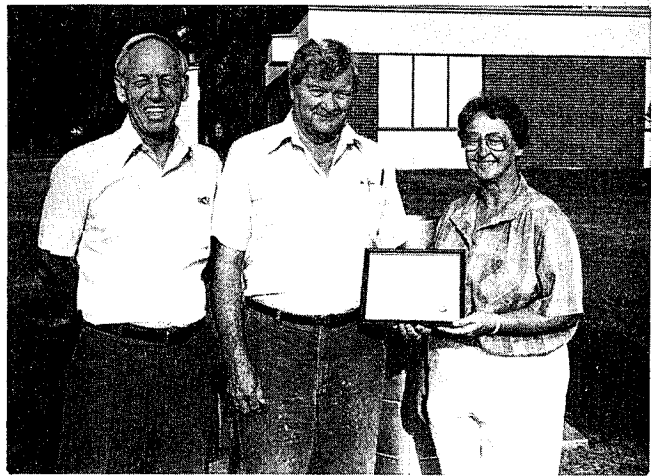
THE CORPS OF ENGINEERS, MARION LAKE, KS, was presented a 25-YEAR INSTITUTIONAL AWARD. Francis Jirak accepted the award.



EVELYN JACKSON, LA CYNGE, KS, was presented a 20-YEAR LENGTH-OF-SERVICE AWARD by Gary Funke. Evelyn has served as a river stage reporter as well as precipitation observer for those 20 years.



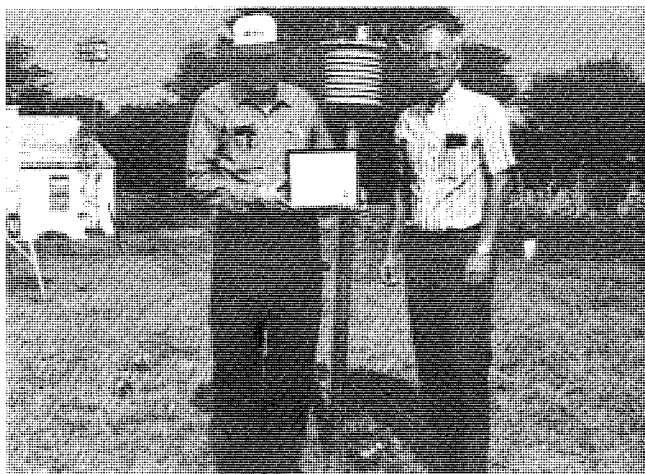
A 25-YEAR INSTITUTIONAL AWARD was presented to THE CORPS OF ENGINEERS, MILFORD LAKE, KS. Brent Logan (left) is shown accepting the award from Gary L. Funke.



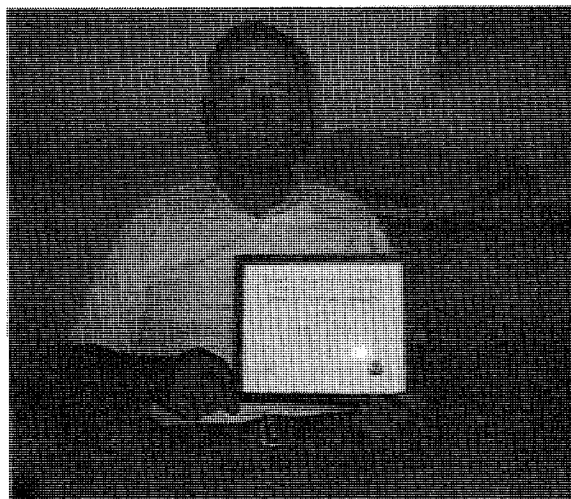
WILLIAM DRISCOLL, ROSSVILLE, KS, was presented a 15-YEAR LENGTH-OF-SERVICE AWARD. Pictured from left to right: Gary L. Funke; Driscoll; and his wife, Shirley.



## CENTRAL REGION



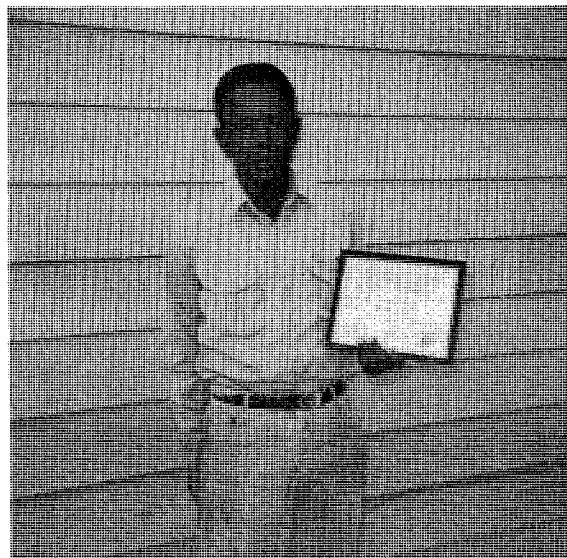
**HERBERT HARDEN, CENTRALIA, KS, is shown with his 15-YEAR LENGTH-OF-SERVICE AWARD. Gary L. Funke made the presentation.**



**NORMAN MILLER, CHASE 3 SE, KS, is shown with his 15-YEAR LENGTH-OF-SERVICE AWARD.**



**MERYL KNAPP, ROCK, KS, was presented a 15-YEAR LENGTH-OF-SERVICE AWARD.**



**HENRY PULLIAM, SHAWNEE 2 S, KS, has maintained a recording rain gage for the past 15 YEARS.**



**D. PHILLIP MADDEN, AUBURN 1 N, KS, received an award for 15 YEARS of service as a precipitation OBSERVER.**



**CARL W. BULLOCK, OVERBROOK 2 WSW, KS, is shown with his 10-YEAR LENGTH-OF-SERVICE AWARD.**

## CENTRAL REGION



**ALVIN BRENSING (left), HUDSON, KS,** accepted a **10-YEAR LENGTH-OF-SERVICE AWARD** from Gary Funke. Al is an employee of the Hudson Flour Mill where the weather observations have been recorded since 1922.



**GWEN FREEMAN, SUN CITY 2 NW, KS,** was presented a **10-YEAR LENGTH-OF-SERVICE AWARD** by Gary L. Funke.



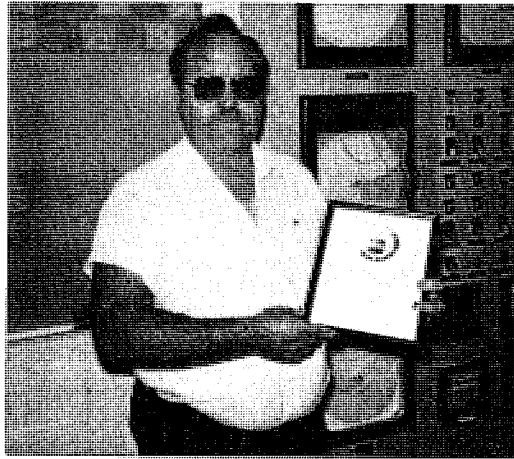
**VERNON DYE, CIMARRON, KS,** was presented a **10-YEAR LENGTH-OF-SERVICE AWARD** by Mike Elias.



**BETTY GRAUE, BARTLETT, KS,** was presented a **10-YEAR LENGTH-OF-SERVICE AWARD** by Gary L. Funke.

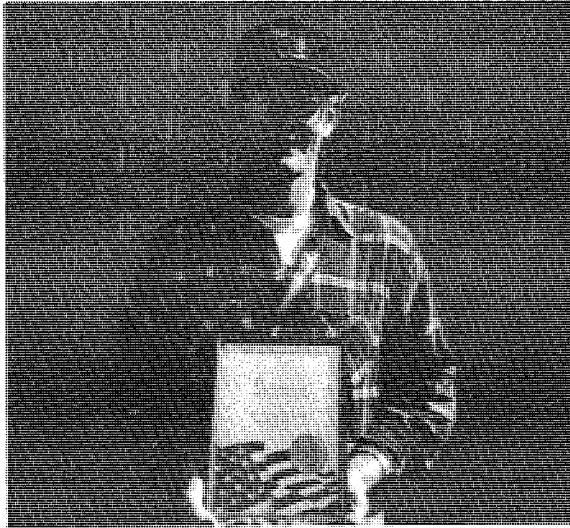


**ALICE EVANS, NORTON 9 SSE, KS,** was presented a **10-YEAR LENGTH-OF-SERVICE AWARD**, by Mike Elias.



**DALE MCMASTER, INDEPENDENCE, KS,** is shown with a **10-YEAR LENGTH-OF-SERVICE CERTIFICATE**. Dale is Plant Manager at the Municipal Water Plant where official observations have been recorded for the past 36 years.

## CENTRAL REGION



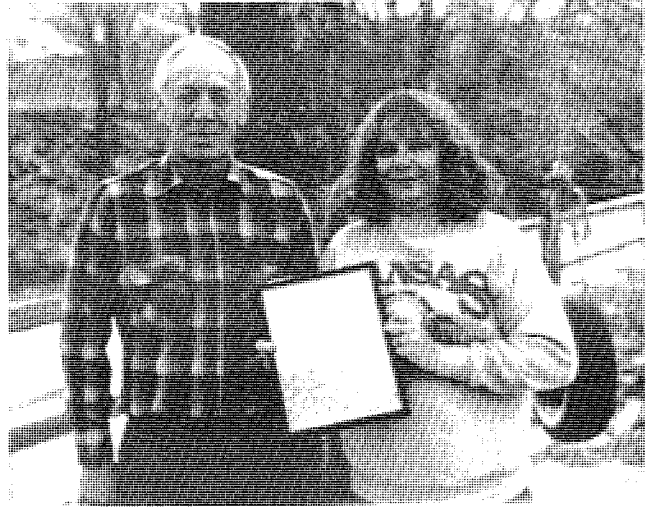
**MICKEY MACNAIR, JETMORE 12 NNW, KS,** was presented a **10-YEAR LENGTH-OF-SERVICE AWARD** by Mike Elias.



**RUTH NEWLUN, HOYT, KS,** was presented a **10-YEAR LENGTH-OF-SERVICE AWARD**. Ruth inherited the observing duties from her husband who had served for 13 years.



**LEO NOLAND, LONGTON, KS,** is shown with his **10-YEAR LENGTH-OF-SERVICE AWARD**.



**MRS. LEO POLLARD, LECOMPTON, KS,** is shown accepting a **10-YEAR LENGTH-OF-SERVICE AWARD** from Gary L. Funke. Mrs. Pollard's father was the observer from 1962-1982.



**DELBERT POTTER, MCCUNE 6 SW, KS,** was presented a **10-YEAR LENGTH-OF-SERVICE AWARD** by Gary L. Funke.



**PRISCILLA RIVERS, GRENOLA 1 N, KS,** is shown with **THE CERTIFICATE** she received for **10 YEARS OF SERVICE**.

## CENTRAL REGION



**KENNETH STONE, CHERRYVALE 5 S, KS,** has been the rainfall OBSERVER for the past 10 YEARS.



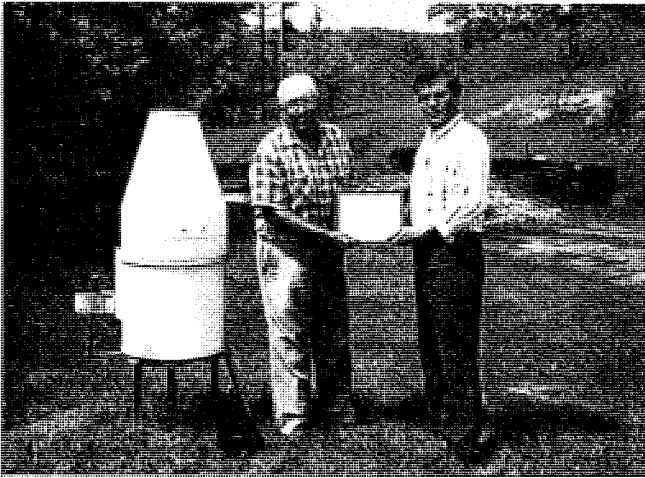
**MR. AND MRS. EMERY S. HORTON, SANDY HOOK, KY,** are shown receiving a SPECIAL 18-YEAR LENGTH-OF-SERVICE AWARD.



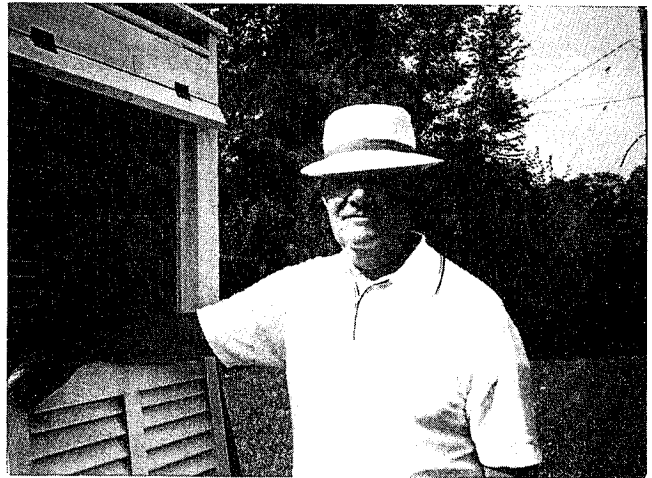
A 25-YEAR SPECIAL SERVICE AWARD was presented to **BARBARA J. KING, BURKESVILLE, KY,** by Peter J. Tellez.



A 15-YEAR SPECIAL LENGTH-OF-SERVICE AWARD AND EMBLEM were presented to **GEORGE E. EDELEN, JR., BRADFORDSVILLE, KY,** by Peter J. Tellez.

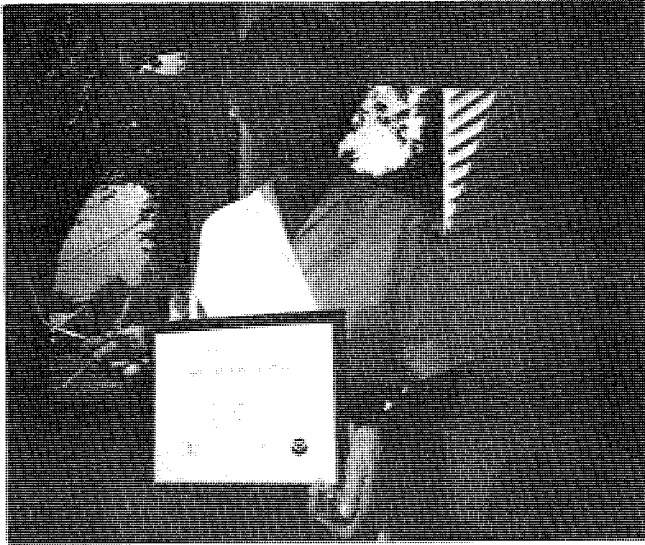


**LABAN E. WALLACE, JR. LOUISA, KY,** received a 25-YEAR LENGTH-OF-SERVICE AWARD AND SERVICE PIN from Peter J. Tellez.

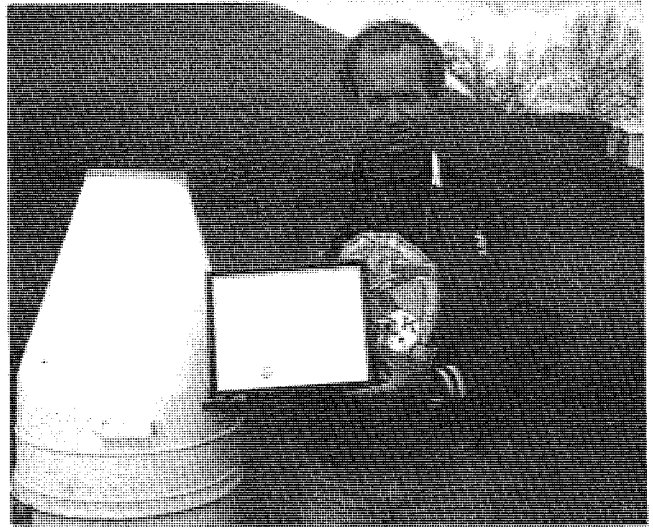


A 10-YEAR LENGTH-OF-SERVICE AWARD AND EMBLEM were presented to **ROBERT W. NELSON, SHELBYVILLE, KY,** by Peter J. Tellez.

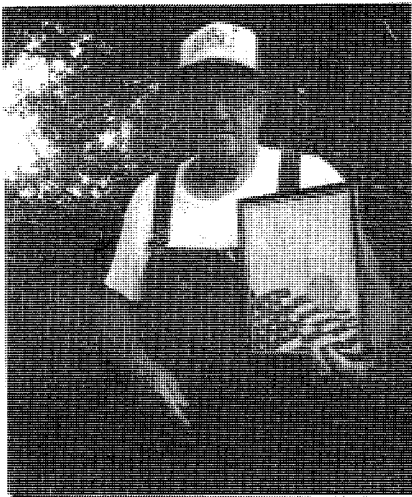
## CENTRAL REGION



AGNES PARRISH, SADIEVILLE, KY, received a 15-YEAR SPECIAL SERVICE AWARD from Peter J. Tellez.



JOEL EACHUS, MAYSVILLE SEWAGE PLANT, MAYSVILLE, KY, was presented a SPECIAL LENGTH-OF-SERVICE AWARD by Peter J. Tellez.



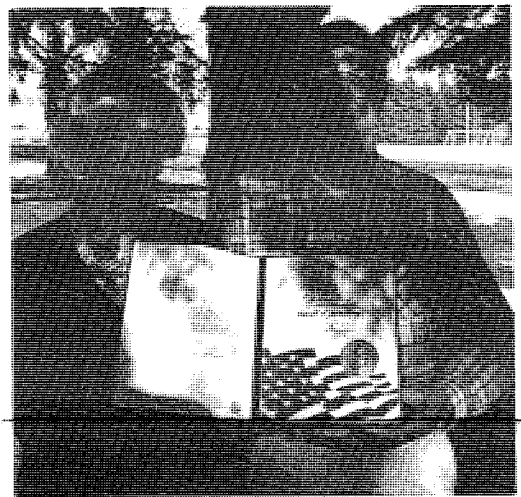
A 10-YEAR LENGTH-OF-SERVICE AWARD AND EMBLEM were presented to DAVID L. DADISMAN, MOUNT EDEN, KY, by Peter J. Tellez.



FAYE KENNEDY, OBSERVER, BOSTON 6 SW, KY, was presented a SPECIAL LENGTH-OF-SERVICE AWARD AND EMBLEM by Peter J. Tellez.

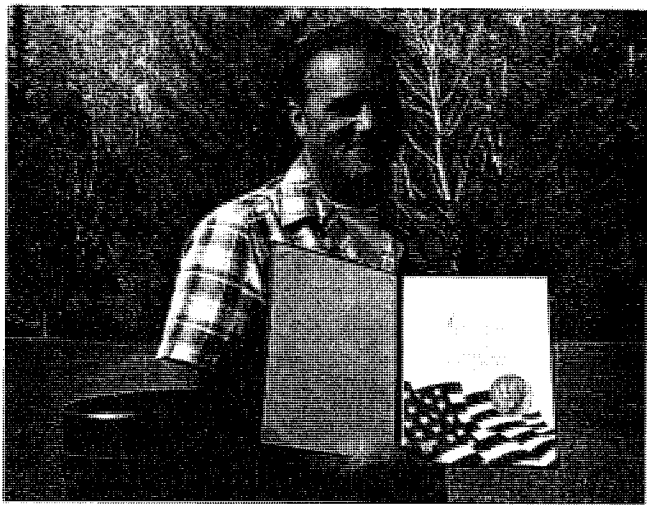


A 10-YEAR LENGTH-OF-SERVICE AWARD AND EMBLEM were presented to ROBERT W. NELSON, SHELBYVILLE, KY, by Peter J. Tellez.

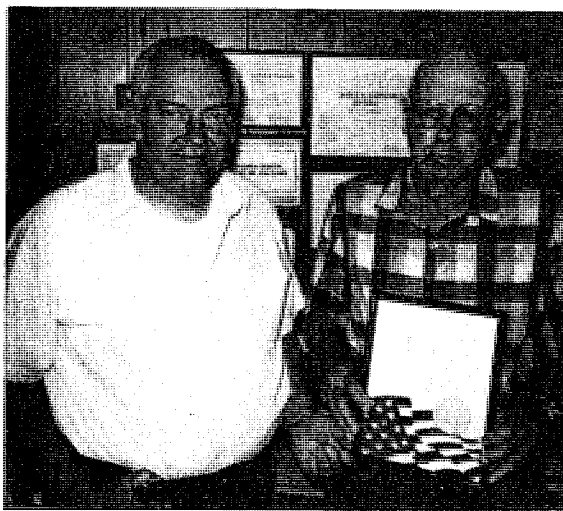


MR. AND MRS. DARELL W. STRASSBURG accepted a 30-YEAR LENGTH-OF-SERVICE AWARD for their participation as observers, LUVERNE, MN.

## CENTRAL REGION



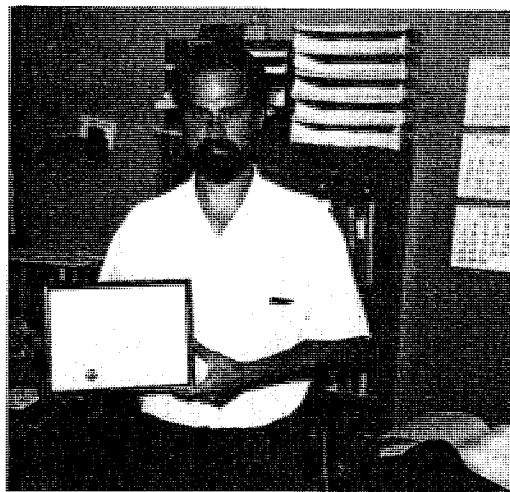
**WALLACE KUZNIA, COTTON, MN,** accepted a **10-YEAR LENGTH-OF-SERVICE AWARD** for service to the National Weather Service.



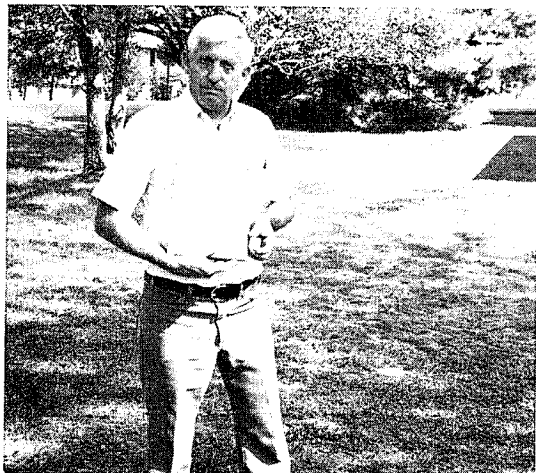
**BILL BRABHAM, OBSERVER, ARNOLD, NE,** was presented a **40-YEAR LENGTH-OF-SERVICE AWARD**, by Roger Carper (left). Picture by Mike Elias, CPM, Goodland, KS.



**RALPH W. PENROD, OBSERVER, KEARNEY 2 E, MO,** was presented a **10-YEAR LENGTH-OF-SERVICE** award by Karl Sieczynski, CPM/STL.



**BILL PECK, HYDROLOGIC ENGINEER, MCCOOK # 2, NE,** accepted a **25-YEAR INSTITUTIONAL AWARD FOR THE USBR OFFICE** from Mike Elias-CPM/GLD.



**LARRY PONDER, DONIPHAN, MO,** was presented a **10-YEAR LENGTH-OF-SERVICE AWARD**. Larry is the mayor of Doniphan, and also teaches at the high school; subjects include psychology, sociology, economics, geography, and Missouri history.



**ERNEST BUCCHOLZ, OBSERVER, CHAFFEE 5 NE, ND,** is pictured with his **30-YEAR LENGTH-OF-SERVICE AWARD**. Ernie and his family have been keeping track of the weather in eastern ND on an official basis since 1962, and even longer on his own. Photo and presentation by Vern Roller CPM WSFO Bismarck, ND.

## CENTRAL REGION



Pictured at left is **JAMES H. WILLIS, OBSERVER, MCCLUSKY, ND**, with his **20-YEAR LENGTH-OF-SERVICE AWARD**. At right is Vern Roller, CPM, WSFO Bismarck, ND. Picture was taken by Dewey Jobe, Forecaster, WSFO Bismarck, ND.



**ROBERT MESSER, STICKNEY, SD**, was recently honored by the National Weather Service for **15 YEARS OF WEATHER OBSERVING**. Mr. Messer was presented with a 15-year length-of-service award by David Olkiewicz.

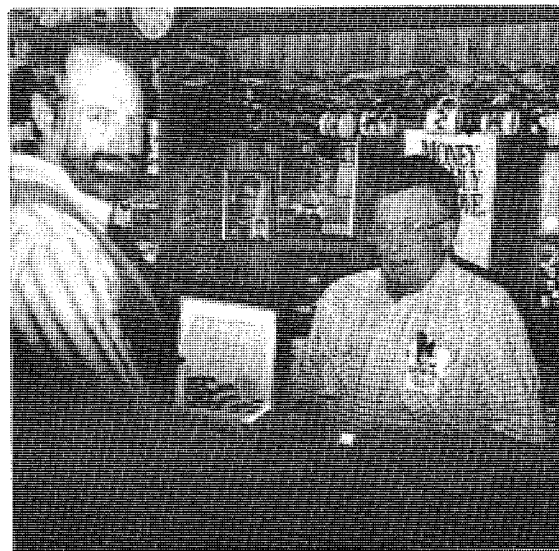


**JIMMIE AND MARTHA O'NEILL, HARRINGTON, SD**, were presented a **30-YEAR LENGTH-OF-SERVICE AWARD** by David Olkiewicz, CPM, WSFO, Sioux Falls, SD.



**RUDY OPP (left)** was recently **AWARDED A PLAQUE** **RECOGNIZING HIS EFFORTS OF VOLUNTARY SERVICE TO THE WEATHER SERVICE** from David Olkiewicz. Opp has been compiling temperature, rain, and snow amounts for **LEOLA, SD**, since 1972. He sends this information to Sioux Falls daily. This data is then shared with various agricultural centers and climatic stations around the country.

Messer monitors a recording rain gage for the Weather Service. He takes excellent care of the gage, performs preventative maintenance, assuring that the gage is operating properly, determines the amount of precipitation, and changes the recorded tape at the end of each month. The monthly recorded tape is sent to the National Weather Service, Sioux Falls, SD, then forwarded to the National Climatic Data Center, Asheville, NC. The amount of precipitation recorded is published and used in studies of the weather and climate of South Dakota.



**GARY ALEXANDER, LITTLE EAGLE, SD**, was recently presented a **10-YEAR LENGTH-OF-SERVICE AWARD** by David Olkiewicz and Cliff Millsapps (pictured left) from the National Weather Service Office, Sioux Falls. Gary, has with the help of his family, been providing the National Weather Service with river measurements and other important rainfall and severe weather information for over 10 years. Having Gary as a backup to the automated river gaging equipment assures the Weather Service data for monitoring and forecasting floods on the Lower Grand River. Gary also relays data on ice jams, localized heavy rains, and other pertinent information that the automated equipment doesn't provide.

# ALASKA REGION

## SPRING TIME



Rodney Johnson, (right) observer, Sutton, AK, and George Cebula, RCPM ANC. Sutton is 60 miles northeast of Anchorage. Rodney was seriously injured in a recent auto accident and is recuperating.



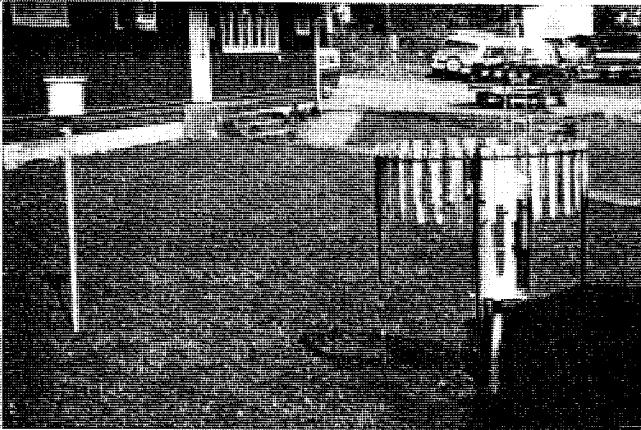
The station at Tahnetta Pass, Alaska; 110 miles northeast of Anchorage. The station is at the base of Sheep Mountain as seen in the background.



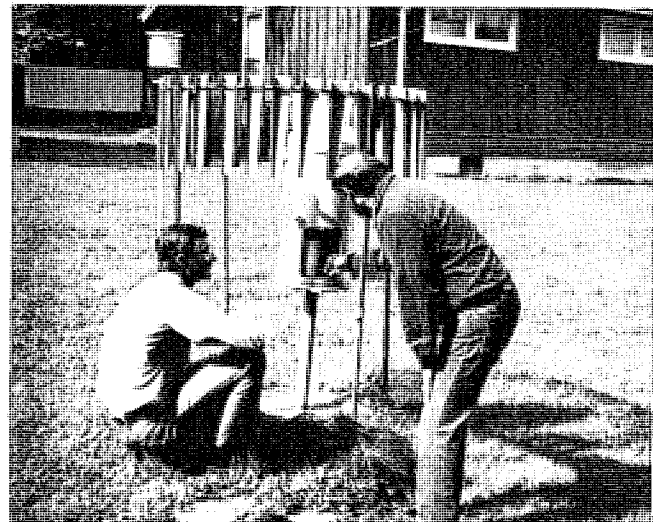
George Cebula, RCPM, (left) and Mike Vise, Datac Specialist pictured in front of the weather station at Umiat, AK. This is mid August on Alaska's North Slope. Umiat is one of the coldest spots in Alaska.



The Colville River just north of Umiat, AK. Mid August is the best time of the year. Umiat is 75 miles south of the Beaufort Sea.



U.S. Forest Service Station, Craig, AK. Craig is located on Prince of Wales Island, in southeast Alaska, just west of Ketchikan. Note the wind shield that surrounds the Universal Weighing Rain Gage. The shield greatly reduces the amount of precipitation that would otherwise blow past the opening of the gage.



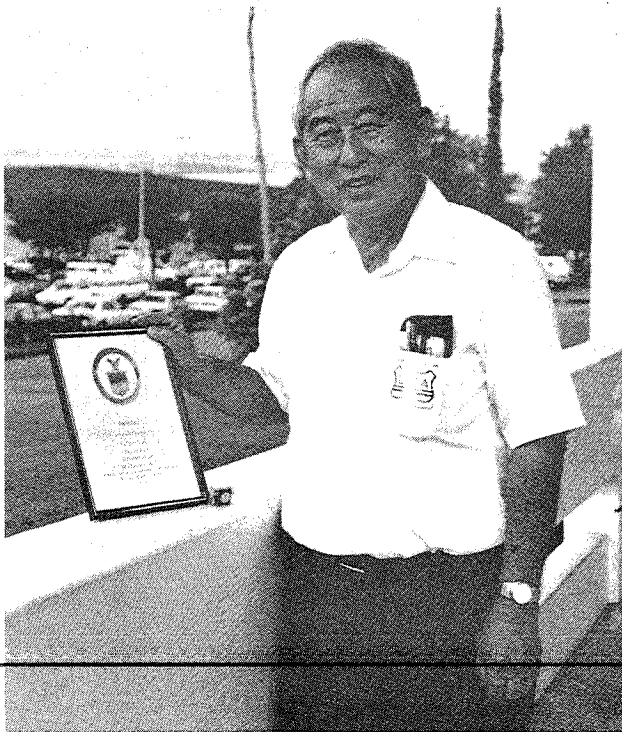
Herb Roerick, observer, Craig, AK, watches as Billy Beams, OIC Annette, AK, adjusts the Universal rain gage.



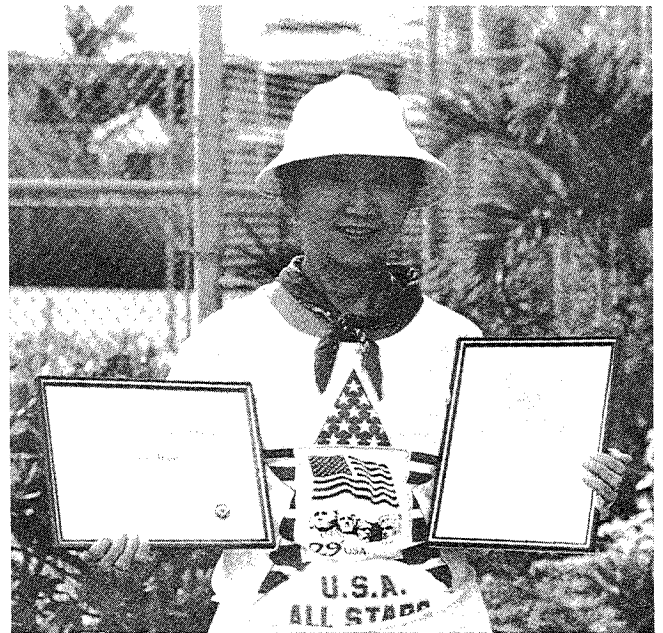
## PACIFIC REGION



A 50-YEAR INDIVIDUAL SERVICE AWARD was presented to KAZUO AND YUKIE OTA, OBSERVERS, LANIHAU, HAWAII (The Big Island).



A 30-YEAR INDIVIDUAL SERVICE AWARD was presented to SHINICHI KANESHIRO, OBSERVER, WAIAKEA SCD, HAWAII (The Big Island).



A 10-YEAR INDIVIDUAL AWARD AND SPECIAL SERVICE AWARD were presented to IRENE IZUMI, OBSERVER, HONAUNAU, HAWAII (The Big Island).

## SOUTHERN REGION



TWO LEGENDS RETIRE

**RALPH FUNDERBURK, CPM, MACON, GA, FOR 33 YEARS AND DICK SNYDER, CPM, ALBUQUERQUE, NM, FOR 18 YEARS, RETIRED JANUARY 2, 1993. RALPH AND DICK EACH HAVE 41 YEARS OF OUTSTANDING DEDICATED GOVERNMENT SERVICE AND HAVE BECOME KNOWN AS INSTITUTIONS AT THEIR RESPECTIVE STATIONS.** Ralph spent four years in the U.S. Navy and 37 years with the NWS. His assignments included Little Rock, Jacksonville, and Macon. A luncheon was held in his honor at the famous Beall's Restaurant in Macon, Ga, January 21st. Carlos Garza, AM for Georgia, hosted the event. Approximately 70 friends and co-workers attended. Shown in left photo above are Ralph and his wife Sandy with Bob Manning from the Fort Worth Regional Office.



**RICHARD SNYDER, top right photo, is all smiles as he received his RETIREMENT PLAQUE from Charlie Liles, Area Manager for New Mexico.** A surprise retirement dinner was held in Dick's honor in Albuquerque January 28th at the Rancho De Corrales Restaurant. Approximately 65 friends and co-workers attended the evening festivities which included roasting Dick on some of his past experiences. Dick spent four years in the U.S. Force and 37 years with the NWS. His assignments included Houston, Shreveport, Mobile, and Albuquerque.

The Southern Region Cooperative Branch and the National Weather Service are grateful to Ralph and Dick for their outstanding service to the coop program and our nation.

The National Climatic Data Center is also extremely grateful for the hundreds of unpaid hours that Dick and Ralph put into improving the quality of data from New Mexico and Georgia. Thanks gentlemen!



**A SPECIAL SERVICE AWARD** was recently presented to **ROBERT T. DEBLASSIE, OBSERVER, ALBUQUERQUE VALLEY, NM.** The award was given in appreciation of his weather station and the testing of the new Belfort (F/P) weighing rain gage, Compu-Temp automatic remote thermometer, many other tests of equipment, and computer runs. Robert works at Kirtland AFB/Sandia labs, Albuquerque, NM. He is also a teacher, mathematician, and a computer programmer. He and his wife, Rose, have lived in Albuquerque all of their lives. Dick Snyder, CPM/ABQ, (pictured to left) presented the award.

## SOUTHERN REGION



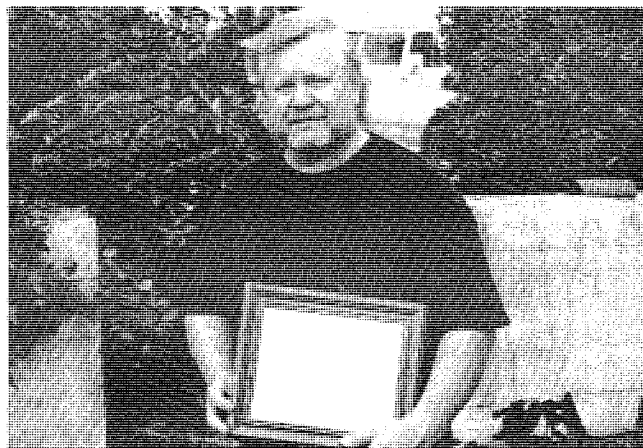
**BESSIE E. AKERS, OBSERVER, GEORGETOWN, AR,** received a **40-YEAR LENGTH-OF-SERVICE AWARD.** Richard Coleman, MIC/AM from Memphis, presented the award. Photo by John McBroom.



**GARLAND GILLIS, (RIGHT) OBSERVER, MOUNT VERNON, GA,** received a **25-YEAR LENGTH-OF-SERVICE AWARD** from the new CPM for Georgia (Bob Drummond). Bob works out of the Atlanta National Weather Service Forecast Office.



A **35-YEAR LENGTH-OF-SERVICE AWARD** was presented to **JOHN M. KELLY, OBSERVER, MOULTON, AL.** Roger McNeil, Hydrologist, WSFO/BHM, made the presentation. Photo by Bill Kent, CPM/BHM.



A **25-YEAR INSTITUTIONAL AWARD** was presented to **RADIO STATION KVSA, DERMOTT, AR.** Accepting the award was Ronny Reed. Photo by John McBroom.



**Royme H. Fontenot (center)** was presented the prestigious **JOHN CAMPANIUS HOLM AWARD** for **34 YEARS OF EXCELLENT SERVICE** to the Nation and the National Weather Service Cooperative Weather Observer Program. The award was presented by **Malcolm Moreau (left), CPM/BTR,** and **Jay Grymes (right), Louisiana State Climatologist.** (Eunice News Photo by Carissa Herbert)



**JACK D. WILSON, OBSERVER, POCAHONTAS 2, AR,** received a **20-YEAR LENGTH-OF-SERVICE AWARD** from John McBroom.

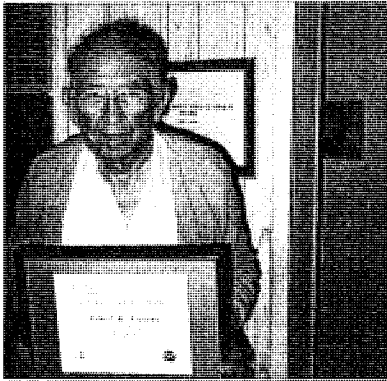
## SOUTHERN REGION



A 75-YEAR INSTITUTIONAL AWARD was presented to the LUNA RANGER STATION, NM. Pictured left to right; Jerry H. Hibbetts, District Forest Ranger; Anne Snyder, Clerk/Weather Observer; Yolanda Cordova, Forest Specialist/Weather Observer; and Charlie Liles, AM/MIC/WSFO/ABQ.



A 25-YEAR LENGTH OF SERVICE AWARD WAS PRESENTED TO LOGAN BARNHART, OBSERVER, CANTON, NM. Dick Snyder made the presentation.



ROBERT S. SANCHEZ, OBSERVER, ESTANCIA, NM, RECEIVED A 45-YEAR LENGTH-OF-SERVICE AWARD. Mr. Sanchez received the "John Campanius Holm" award in 1984. He is an excellent weather observer and never misses taking his daily weather observations. He is a retired postmaster in Estancia. Dick Snyder, CPM/ABQ, made the presentation.



A 25-YEAR INSTITUTIONAL AWARD was presented to THE CORPS OF ENGINEERS, COCHITI LAKE, NM. Ms. Rose M. Lucero is pictured accepting the award. She is station office manager for the Corps of Engineers. Presentation was made by Dick Snyder.



A 35-YEAR LENGTH-OF-SERVICE AWARD WAS PRESENTED TO GRADY A. BRIGHT, OBSERVER, MELROSE, NM. Mr. Bright recently retired from the Melrose Grain Co-op where he was manager for many years. Dick Snyder made the presentation.



A 25-YEAR INSTITUTIONAL AWARD was accepted by Phillip McClelland, Superintendent of the N.M. STATE PARKS DIVISION for 25 YEARS of weather observations at CABALLO DAM, NM. Presentation was made by Dick Snyder.

**SOUTHERN REGION**  
-- 100th ANNIVERSARY --



A CENTENNIAL AWARD was presented to the CITY OF GUTHRIE, OK. Pictured (left to right), Maxie Brown, HMT/OUN; Ken Crawford, Oklahoma Climatological Survey; Jim Smith, observer; and Dennis McCarthy, MIC/OUN. Members of the Guthrie City Council are seated on the front row.



CENTENNIAL AWARDS were presented to SANDY LAND RESEARCH STATION, MANGUM, OK, and the AGRONOMY RESEARCH STATION, STILLWATER, OK. Pictured left to right: Dennis McCarthy, Larry Bull, Field Assistant at Sandy Land; Rocky Thacker, Superintendent; Larry Wingfield, Field Assistant, Stillwater; and Chris Rice, Superintendent, Stillwater. Presentation was made by Dennis McCarthy, MIC/OUN. Photo by John Lambert, CPM/OUN.

# SOUTHERN REGION

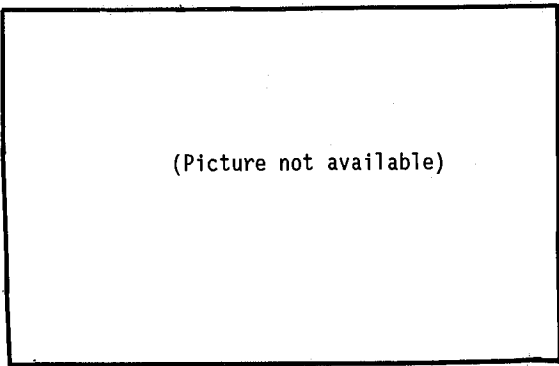
-- 100th ANNIVERSARY --



A CENTENNIAL AWARD was presented to **LEEMAN STORY, JR., OBSERVER, MEEKER, OK.** Mr. Story also received a 10-year length-of-service award. Pictured (left to right): Maxie Brown, HMT/OUN; Tom Davis, DAPM/OUN, Leeman Story, Jr., and wife Frankia; Jerry Smith, Mayor of Meeker; and Dennis McCarthy, MIC/OUN.



A CENTENNIAL AWARD was presented to the **UNIVERSITY OF OKLAHOMA.** Dennis McCarthy (left), MIC/Norman, Oklahoma (OUN) presented the award to Dr. John Campbell, President, OSU. Photo by John Lambert, CPM/OUN.



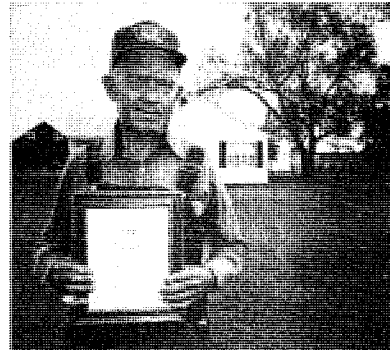
A CENTENNIAL AWARD was presented to **THE CITY OF JEFFERSON** on December 7th. Presentation was made at a town meeting where almost a third of the town attended. Jefferson has 36 residences. The event was attended by the local news media. The award was made by Dennis McCarthy; Tom Davis; and Maxie Brown (all from the Norman, Oklahoma, Warning and Forecast Office).



A **JOHN CAMPANIUS HOLM AWARD** was presented to **GROVER BAYLESS, OBSERVER, ARNETT, OK.** Dennis McCarthy, MIC/OUN, made the presentation at the Arnett Kiwanis Club meeting. He was assisted by Tom Davis, DAPM/OUN and Maxie Brown, HMT/OUN. About 60 people attended. This was the only Holm award presented in Oklahoma in 1992. Pictured left to right: Tom Davis; Dennis McCarthy; Grover Bayless and wife, Ruth; and Maxie Brown.

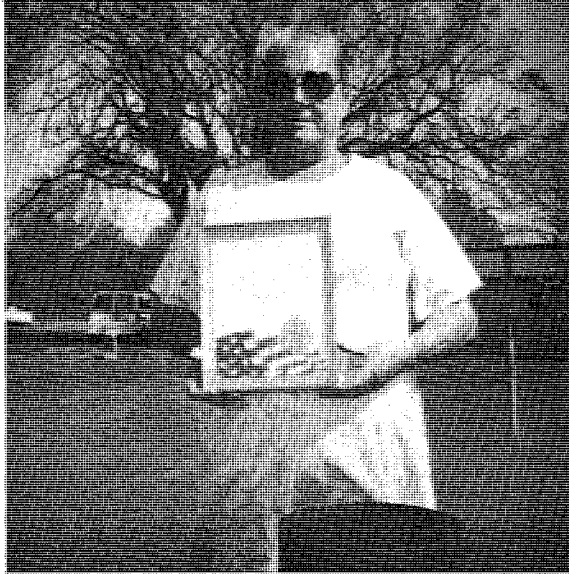


**THOM STENMAN, CPM/JAN, ACCEPTED AN APPOINTMENT IN ALASKA AS A ROVING MET TECH** and departed Jackson, MS, last November. Thom did an outstanding job in Mississippi and his talents will be sorely missed by all of us. We wish him great success in his new venture, and if he finds it too cold in Alaska, we will take him back anytime. Best of luck on your promising career Thom. Larry Arnold replaced Thom in Mississippi last December. Larry was the CPM in Tennessee from 1979 through 1987. We welcome Larry back into the program and wish him the best of luck in handling the Mississippi Cooperative Program.



**JOHN DOENNIG, OBSERVER, CHELSEA, OK,** received a **30-YEAR LENGTH-OF-SERVICE AWARD** recently. John Lambert, CPM/OUN, made the presentation.

## SOUTHERN REGION



**VELMA BRITT, OBSERVER, DEWAR, OK,** received a **25-YEAR LENGTH-OF-SERVICE AWARD** from John Lambert.



A **50-YEAR INSTITUTIONAL AWARD** was presented to **THE U.S. FISH AND WILDLIFE SERVICE, SAMBURG WLR, TN.** Accepting the award is Superintendent Randy Cook. Richard Coleman, MIC/AM/MEM, made the presentation. Photo by John McBroom, CPM/BNA.



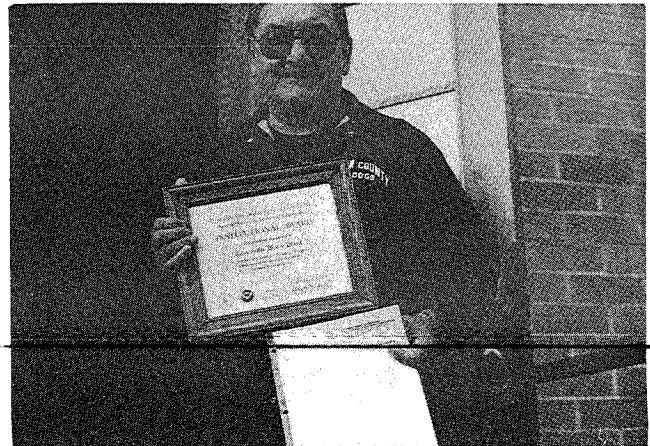
A **25-YEAR LENGTH-OF-SERVICE AWARD** was presented to **M. CLEO QUILLIN, OBSERVER, LAMONT, OK.** Pictured (left to right): Maxie Brown; Cleo Quillin, observer; and Dennis McCarthy. Also attending the presentation was Tom Davis.



**DR. WILLARD HENNING, OBSERVER, DAYTON, TN,** RECEIVED A **30-YEAR LENGTH-OF-SERVICE AWARD.** Bill Pollock, MIC/CHA is shown presenting the award to Dr. Henning while Mrs. Henning looks on. Photo by John McBroom.

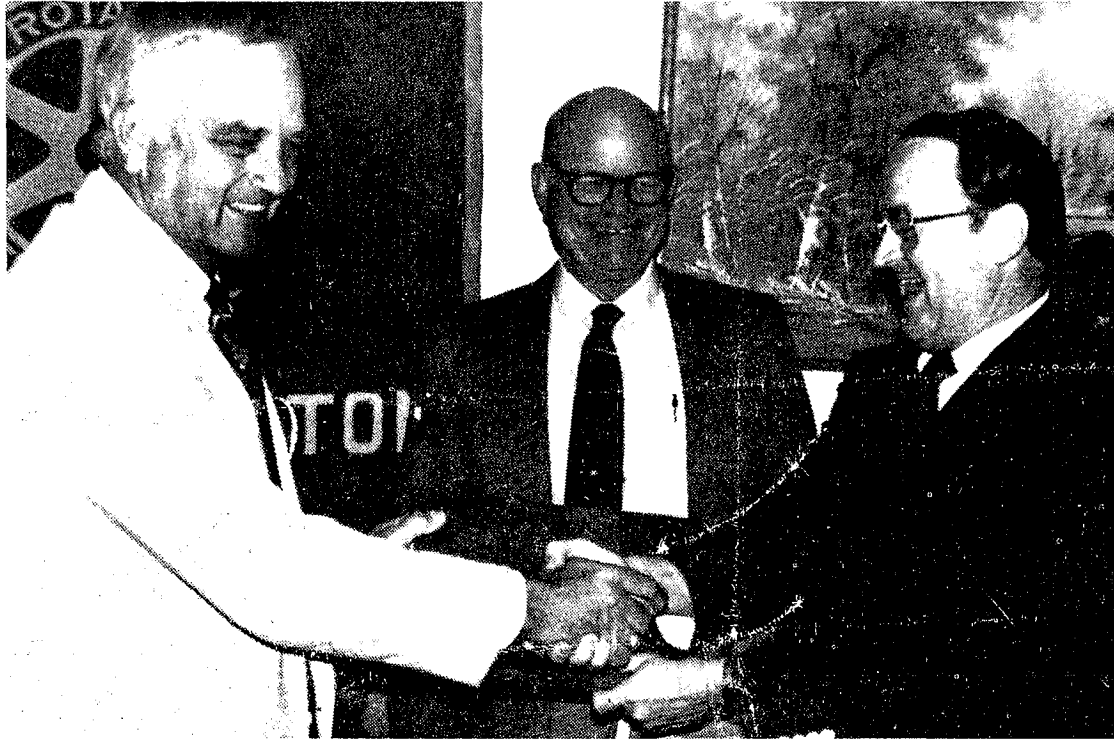


**EVELYN BOGLE, OBSERVER, WELTY, OK,** received a **20-YEAR LENGTH-OF-SERVICE AWARD** from John Lambert.



A **25-YEAR INSTITUTIONAL AWARD** was presented to the **CENTERVILLE WATER PLANT, TN.** Accepting the award is Tony Zielinski. Presentation was made by John McBroom.

**SOUTHERN REGION**  
**-- 100th ANNIVERSARY --**



**FORT STOCKTON, TX, received a CENTENNIAL STATION AWARD. This station was established in 1859. Pictured left to right: Charles Neeb, representing Texas A&M Extension Service; Chuck Megee, CPM/LBB; and Andy Anderson, MIC/LBB.**



**NOLAN R. WORD, OBSERVER, LAMPASAS, TX, received the JOHN CAMPANUS HOLM AWARD. Pictured with Mr. Word is his wife. Alan Starnes, CPM/ACT, made the presentation. Mr. Word has been the observer since 1969. The Holm Award is an annual award that was created in 1959 by the Weather Service to honor volunteer observers for their outstanding accomplishments in the field of meteorological observations.**



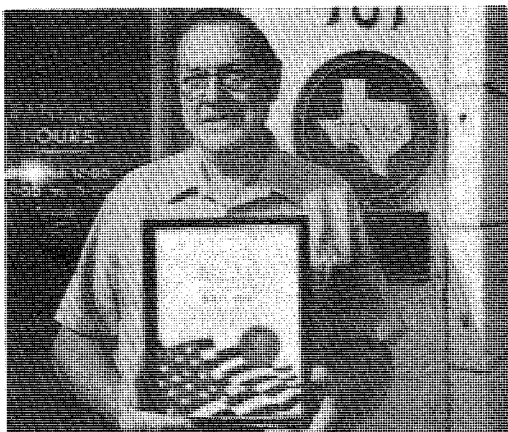
## SOUTHERN REGION



**HONORED BY WEATHER SERVICE - JOHNNY WILSON, NATIONAL WEATHER SERVICE COOPERATIVE OBSERVER, CROSBYTON, TX,** was honored last week for his service as part of the National Weather Service's 100th anniversary of providing weather information to the nation. Wilson's award was presented by Walter Anderson (left), area manager and meteorologist-in-charge at the Lubbock NWS office; and Charles M. Megee, Cooperative Program Manager for the Lubbock NWS office.



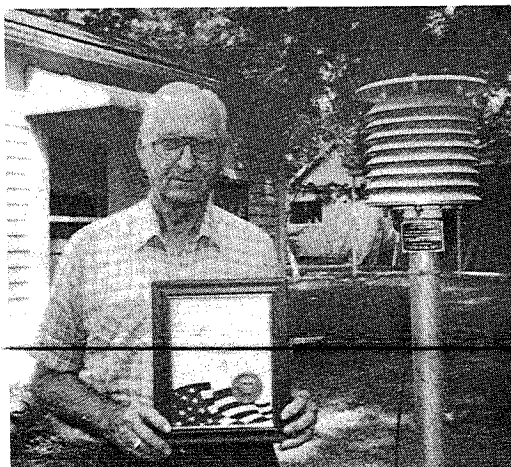
**EMMIE RUSCHE, OBSERVER, PRAIRIE MOUNTAIN, TX,** received a **30-YEAR LENGTH-OF-SERVICE AWARD** from Alan Starnes.



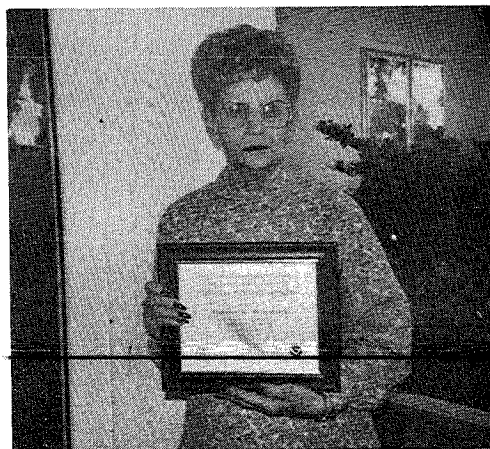
**DENIS C. DECKER, OBSERVER, MENARD, TX,** received a **35-YEAR LENGTH-OF-SERVICE AWARD** from Alan Starnes.



**GAIL MITTEL, OBSERVER, ELDORADO, TX,** received a **25-YEAR LENGTH-OF-SERVICE AWARD** from Alan Starnes.



A **35-YEAR LENGTH-OF-SERVICE AWARD** was presented to **ROSS MADOLE, OBSERVER, MADISONVILLE, TX,** by Alan Starnes.

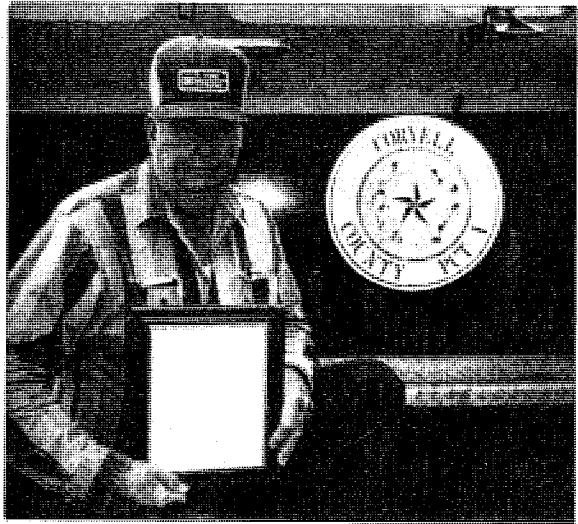


**IMOGENE H. QUISEBERRY, OBSERVER, ROBERT LEE, TX,** received a **25-YEAR LENGTH-OF-SERVICE AWARD** from Alan Starnes.

## SOUTHERN REGION



**NOYL ANDERS, OBSERVER, OAKWOOD 2 NNE, TX, received a 20-YEAR LENGTH-OF-SERVICE AWARD from Alan Starnes.**



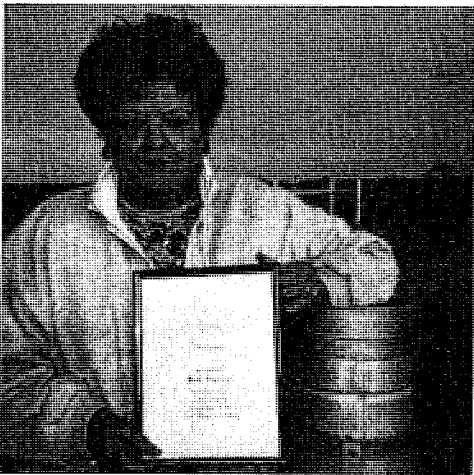
**A 20-YEAR LENGTH-OF-SERVICE AWARD was presented to JOHN W. CARLTON, OBSERVER, COPPERAS COVE 5 NW, TX, by Alan Starnes.**



**ROY H. BYARS, OBSERVER, BLANCO, TX, received a 20-YEAR LENGTH-OF-SERVICE AWARD from Alan Starnes.**



**WAYNE HALE, OBSERVER, ALPINE, TX, received a 20-YEAR LENGTH-OF-SERVICE AWARD. Mr. Hale is retired from the Highway Department. He receives a call from the El Paso Weather Service Office daily for his temperature and rainfall report. Chuck Megee, CPM, Lubbock, made the presentation.**

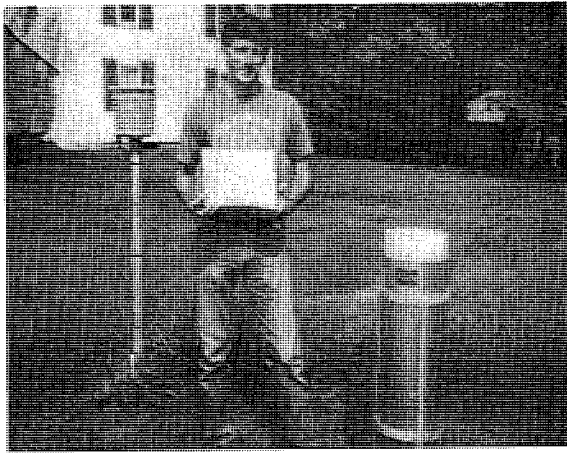


**MRS. BILLY BYNUM, OBSERVER, STERLING CITY 8 NE, TX, received a 20-YEAR LENGTH-OF-SERVICE AWARD from Alan Starnes.**



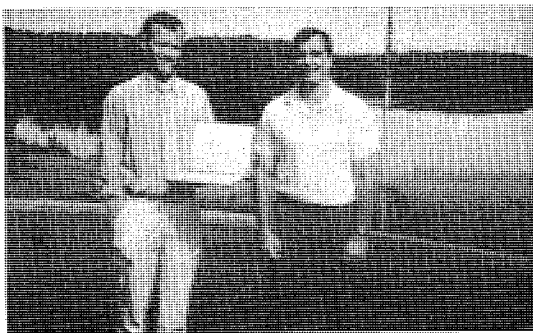
**RUDY SHEREK, OBSERVER, GRANGER, TX, received a 20-YEAR LENGTH-OF-SERVICE AWARD from Alan Starnes.**

## EASTERN REGION



A **50-YEAR INSTITUTIONAL AWARD** was presented to **COCKAPONSET STATE FOREST**. Ranger Dave Buckley accepted the award at the Cockaponset Ranger Station, **HADDAM, CT**. Dave also accepted a Special Service award presented to his predecessor, Ranger Don Berry. Don, who retired in the Spring of 1992, now devotes most of his time to his main passion - fishing.

Presentation of the award was made by Tony Mach, CPM, Hartford, CT.



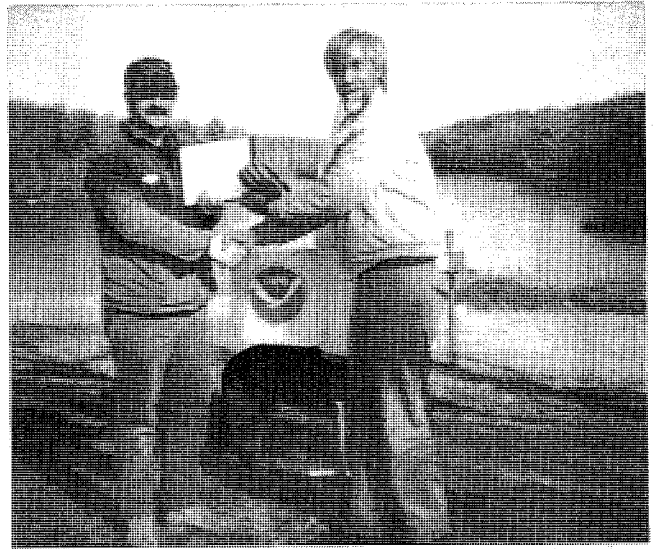
A **50-YEAR INSTITUTIONAL AWARD** was presented to **CONNECTICUT-AMERICAN WATER COMPANY, GREENWICH, CT**. Observations are taken by the operators of the Water Filtration Plant located at Putnam Lake. Mike Anderson, who oversees the program; and Rich Summers, plant operator; accepted the award presented by Tony Mach.

Photo left to right: Mike Anderson and Rick Summers.



The **CONNECTICUT WATER COMPANY, ROCKVILLE DIVISION**, received a **50-YEAR INSTITUTIONAL AWARD** from Tony Mach. Bob Hoyt, Chief Operator; and Scott Simard, Operator; accepted the award. The observers maintain a recording rain gage and make phone reports to the Northeast River Forecast Center at Hartford, CT.

Photo left to right: Scott Simard and Bob Hoyt.



A **50-YEAR INSTITUTIONAL AWARD** was presented to the **JEWETT CITY, CT, WATER COMPANY**. Stanley Kobelski, the actual observer, accepted the award from Tony Mach. The Jewett City station is located at Stone Hill Reservoir where Stan resides with his wife, Sue, and their family. Stan has maintained the recording rain gage and taken daily observations since 1979. He makes phone reports to the Northeast River Forecast Center, Hartford, CT.

Photo left to right: Stan Kobelski and Tony Mach.

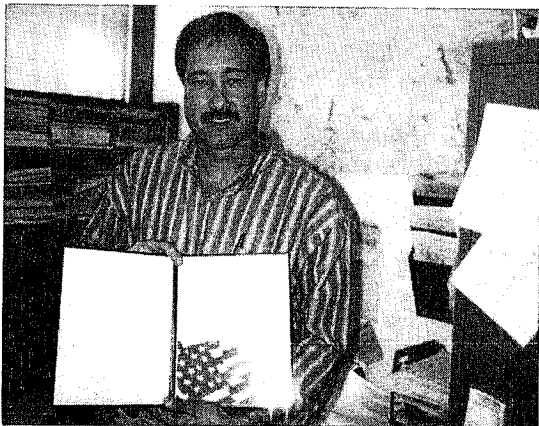


**SISTER ALFRED DEMARIE MORIN** was presented a **20-YEAR LENGTH-OF-SERVICE AWARD** by Bruce Whyte, Hydrologist in Charge of the Northeast River Forecast Center, Hartford, CT. The presentation was made at the Daughters of the Holy Spirit Provincial House in **PUTNAM, CT**, with about 30 of the resident sisters in attendance.

Sister Alfred, who holds a master's degree in Biology, is a former high school science teacher. She is a pharmacist and, in addition to numerous other duties at the Provincial House, meticulously records daily precipitation and makes timely and reliable phone reports to the Northeast River Forecast Center, Hartford, CT.

Tony Mach made all the arrangements for this presentation. Photo left to right: Sister Alfred and Bruce Whyte.

## EASTERN REGION



A **20-YEAR LENGTH-OF-SERVICE AWARD** was presented to **STEVE CERRUTO, TORRINGTON, CT.** Steve, operations manager with the Torrington Water Company, oversees the observation program that began in 1941.

Presentation was made by Tony Mach.



**MRS. DELWOOD MERRILL, OBSERVER, MERRILL, MD,** received a **40-YEAR LENGTH-OF-SERVICE AWARD.** Mrs. Merrill and her husband share the observational duties.

James Smith, CPM, Baltimore, MD, made the presentation.



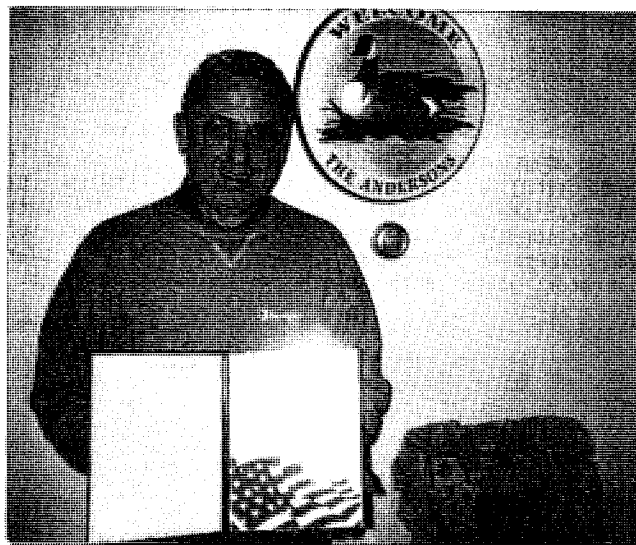
**SWANTON VILLAGE, INC.** received a **50-YEAR INSTITUTIONAL AWARD** from James Donahue, CPM, Portland, Maine. Karl Kinney is the sole observer for the village, and he maintains the Fischer-Porter Gage at the Highgate Falls site.

Photo left to right: Steve Hogan, MIC, Burlington, VT; George Lague, Village Manager; and Karl Kinney, Hydroelectric Plant Operator.



The **GEORGIA PACIFIC CORPORATION, WOODLAND, ME,** received a **25-YEAR LENGTH-OF-SERVICE AWARD.** Air and Water Laboratory Technicians are the observers. Accepting the award, left to right, are Paul Wormell, Al Carver, and Gary Carter.

Presentation was made by James Donahue, CPM, Portland, ME.

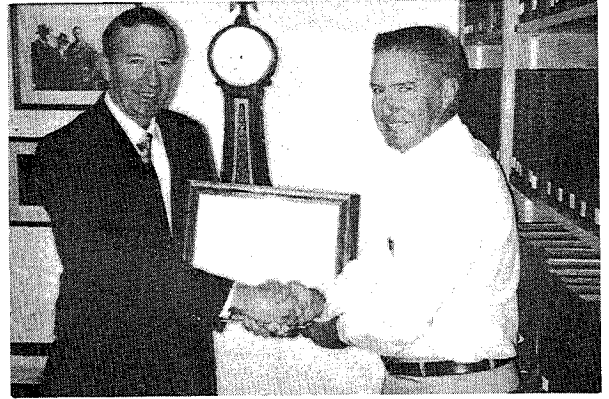


**JOHN R. ANDERSON, OBSERVER, WALPOLE 2, MA,** was presented with a **30-YEAR LENGTH-OF-SERVICE AWARD** by Tony Mach.

John began as a cooperative observer at Norwood, MA in 1962. In addition to maintaining a recording rain gage at Norwood Municipal Airport, he kept a daily weather record at his home in Norwood and then in Walpole since 1972. In 1989 John used his records and data from two other sites dating back to 1902, to compile a Climatological Data Publication for Walpole. He keeps accurate records with occasional help from his wife, Sue, and makes phone reports to the Northeast River Forecast Center, Hartford, CT.

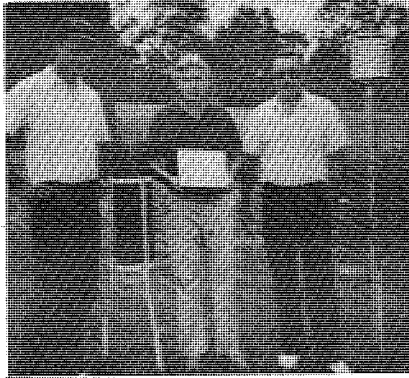
# EASTERN REGION

CPM/ALBANY, NEW YORK RETIRES



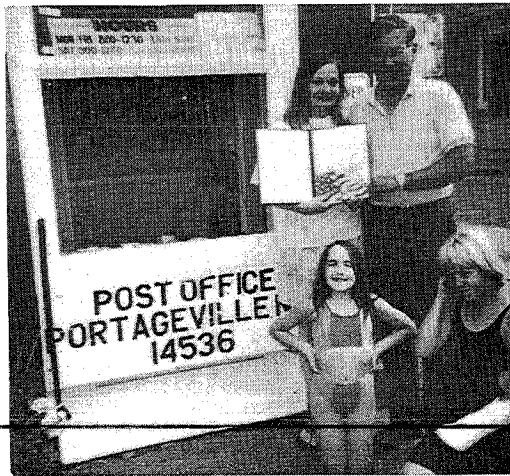
**RAY WEST, COOPERATIVE PROGRAM MANAGER, ALBANY, NEW YORK RETIRED JULY 10, 1992, AFTER 30 YEARS WITH THE NATIONAL WEATHER SERVICE.** Ray held a variety of weather service positions during his career, with assignments at Buffalo, Rochester, and Albany. He was a Cooperative Program Manager for 9 years.

RCPS wishes Ray a long and happy retirement! Also many thanks and best wishes to Ray from the folks at NCDC!



**A 50-YEAR INSTITUTIONAL AWARD** was presented to the **CANANDAIGUA WATER TREATMENT PLANT, CANANDAIGUA, NY.** Accepting the award was Tim Curtin, Manager of the Water Plant.

Ray West, CPM, Albany, NY, made the presentation and has since retired.



**LINDA OLIVER, OBSERVER, PORTAGEVILLE, NY,** was presented a **10-YEAR LENGTH-OF-SERVICE AWARD** by Ray West.

Photo left to right: Standing - Linda Oliver and Ray West; kneeling - Jenna and Kara.

**ROBERT W. GADDY, III, OBSERVER, LUMBERTON, NC,** was presented the **JOHN CAMPANIUS HOLM AWARD** during the October meeting of the "Friends of the Lumber River" at the Governor McClain library in Lumberton, NC. Phil Duncan, CPM, Raleigh, NC made the presentation.

Photo left to right: Phil Duncan and Robert W. Gaddy, III.



**EDWARD A. HARRIS OBSERVER, FRANKLINTON, NC,** was presented the **JOHN CAMPANIUS HOLM AWARD.** Mr. Harris's family and neighbors were present during the award ceremony and enjoyed the cake and coffee served by Mrs. Harris.

Phil Duncan made the presentation. Photo left to right: Phil Duncan and Edward Harris.



**A 30-YEAR LENGTH-OF-SERVICE AWARD** was presented to **JAMES BAREFOOT, OBSERVER, DUNN, NC.** Mr. Barefoot is a longtime employee for the Water Treatment Plant that satisfies the water requirements for the people in the surrounding communities.

The textile manufacturing in the area requires a considerable amount of clean water. The community is known as the "Denim Capitol of the World."

Presentation and photo were made by Philip Duncan, CPM, Raleigh, NC.

**EASTERN REGION**  
**-- 100th ANNIVERSARY --**

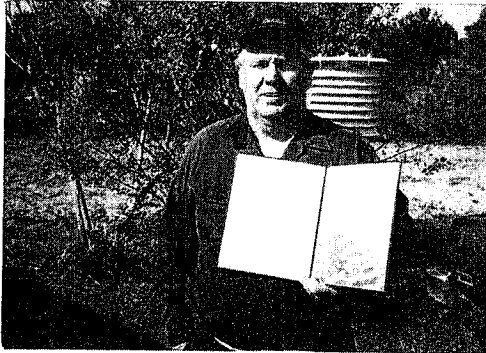


**MR. AND MRS. JOHN L. ANDERSON, OBSERVERS, ROUGEMONT, NC,** received a 20-YEAR LENGTH-OF-SERVICE AWARD from Philip Duncan.



A CENTENNIAL AWARD was presented to the BUCYRUS CITY WATER PLANT, BUCYRUS, OH. Accepting the award from left to right are: Howard W. Naufzinger, Chief Operator; Judith D. Watts, Laboratory Supervisor; and Donald A. Fox, Maintenance Technician.

Presentation of the award was made by Keith Williams, CPM, Columbus, OH.



**GROVER LONG, OBSERVER, LONGWOOD, NC,** was presented a 20-year length-of-service award. In addition to being a rural mail carrier, he works in support of his church and spends a lot of time just helping others who need his assistance.

Presentation was made by Phil Duncan.



**WILLIAM BURKHART (right), OBSERVER, CINCINNATI-FERNBANK, OH,** was presented a 30-YEAR LENGTH-OF-SERVICE AWARD by Keith Williams (left).



**MARIE KNOTT, OBSERVER, HILLSBORO, OH,** was presented the JOHN CAMPANIUS HOLM AWARD on behalf of her late husband Thomas. Arrangements for the presentation were made by Keith Williams, CPM, Columbus, OH. Presentation was made by Beverly A. Poole, MIC/Cincinnati, OH.

Photo left to right: Beverly Poole; Marie Knott; and Dorothy Helton, Mr. Knott's sister.



THE CITY OF LEBANON WATER TREATMENT PLANT IN LEBANON, OH, received a 25-YEAR INSTITUTIONAL AWARD. Accepting the award are Jack Bayes, Richard Bryant, and Richard Hayward. Presentation was made by Beverly Poole and Keith Williams.

Photo left to right: Keith Williams, Jack Bayes, Beverly Poole, Richard Bryant, and Richard Hayward.

## EASTERN REGION



**GLENN HARNER, OBSERVER, XENIA, OH, was presented a 20-YEAR LENGTH-OF-SERVICE AWARD.**

Gerald Lindsey, OIC, Dayton, OH, and Keith Williams made the presentation.

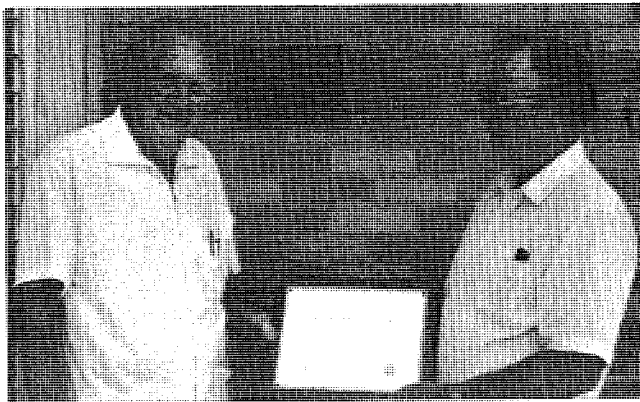
Photo left to right: Keith Williams, Glenn Harner, and Gerald Lindsey.



**JOYCE BRASSARD, OBSERVER, BROOKFIELD, VT, accepted a 20-YEAR LENGTH-OF-SERVICE AWARD from James Donahue.**

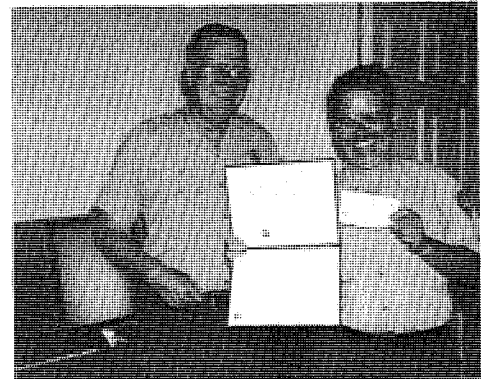
Mrs. Brassard, weather observer, is also a teacher, mother of nine, and wife of Larry Brassard, who took this picture.

Photo left to right: James Donahue and Joyce Brassard.



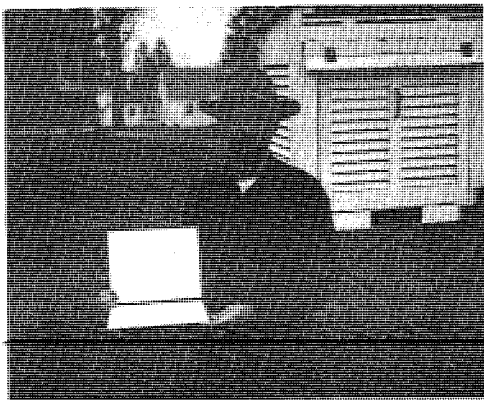
**DR. BEACHUM F. GREENE (left), OBSERVER, BAMBERG, SC, was presented a 40-YEAR LENGTH-OF-SERVICE AWARD by Earl Rampey (right), retired CPM, Columbia, SC.**

Photo by Mike Wyatt, CPM, Columbia, SC.



**A 25-YEAR INSTITUTIONAL AWARD was presented to the NATIONAL PARK SERVICE, FREDERICKSBURG, VA. Accepting the award are Rangers Larry James (left) and Joe Ruedy (right).**

Presentation was made by James Smith.



**CHRISTOPHER O'SHEA accepted a 25-YEAR INSTITUTIONAL AWARD FOR O'SHEA PUBLISHING, ENOSBURG FALLS, VT.**

Presentation was made by James Donahue.



**MISS B. MARIE PHILLIPS AND HER FATHER (HE'S NOW 93 YEARS YOUNG) are OBSERVERS AT WINTERPOCK 4 W, VA. They were presented a 20-YEAR LENGTH-OF-SERVICE AWARD for recording rainfall and calling in the reports to the Weather Service Office in Richmond, VA. Miss Phillips spent ten years in India as a missionary before taking over her weather duties. The two make a great team for the National Weather Service.**

Presentation was made by Phil Duncan.

**WESTERN REGION**  
**-- 100th ANNIVERSARY --**



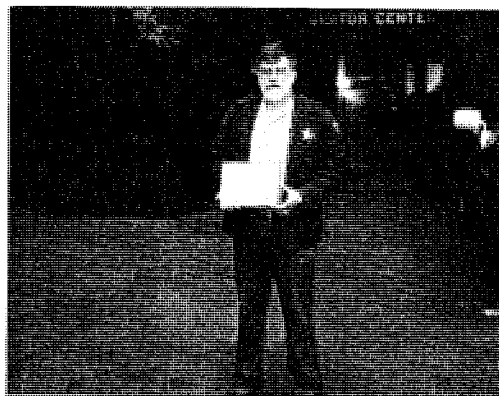
The CITY OF MERCED, CA, received a CENTENNIAL STATION AWARD. THE FIRE FIGHTERS AT FIRE STATION NO. 2 TAKE THE OBSERVATIONS. Weather records for Merced date back to 1872, when the Southern Pacific railroad began taking observations, Tom McCall (left), Fire Fighter; and Curt Cufningham (right), Fire Captain; accepted the award on behalf of the city.



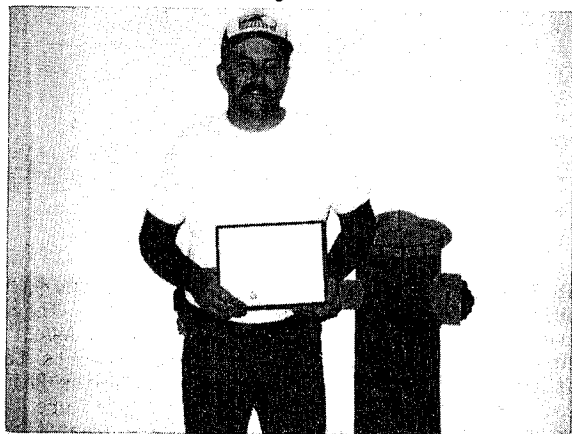
The CITY OF COLVILLE, WA, received a CENTENNIAL STATION AWARD. Frank and Charlie Ward (left to right) accepted the award for the city, and then gave it to the Colville Chamber of Commerce for display.



WYLIE BOYD, DUNCAN, AZ, received a 20-YEAR LENGTH-OF-SERVICE AWARD. Mr. Boyd is a retired general store owner who reads a staff gage on the Gila River, in addition to other observing duties.



The CALIFORNIA DEPARTMENT OF PARKS AND RECREATION AT GRIZZLY CREEK REDWOODS STATE PARK received a 25-YEAR INSTITUTIONAL AWARD. The park rangers take care of the rain gage at BRIDGEVILLE 5 W. Accepting the award was Rick Johnson, Unit Ranger.



The CITY OF MODESTO, CA, WATER DEPARTMENT received a 50-YEAR INSTITUTIONAL AWARD. James Gunn, maintenance mechanic, accepted the award for the City of Modesto.



The SHERIFF'S OFFICE, LYON COUNTY, NV, RECEIVED A 25-YEAR INSTITUTIONAL AWARD. The dispatchers at the Sheriff's Office in Yerington take daily high and low temperature and precipitation readings which they telephone to the Forecast Office in Reno. Sergeant Dody Newell accepted the award on behalf of the Sheriff's Office.



# STORM DATA

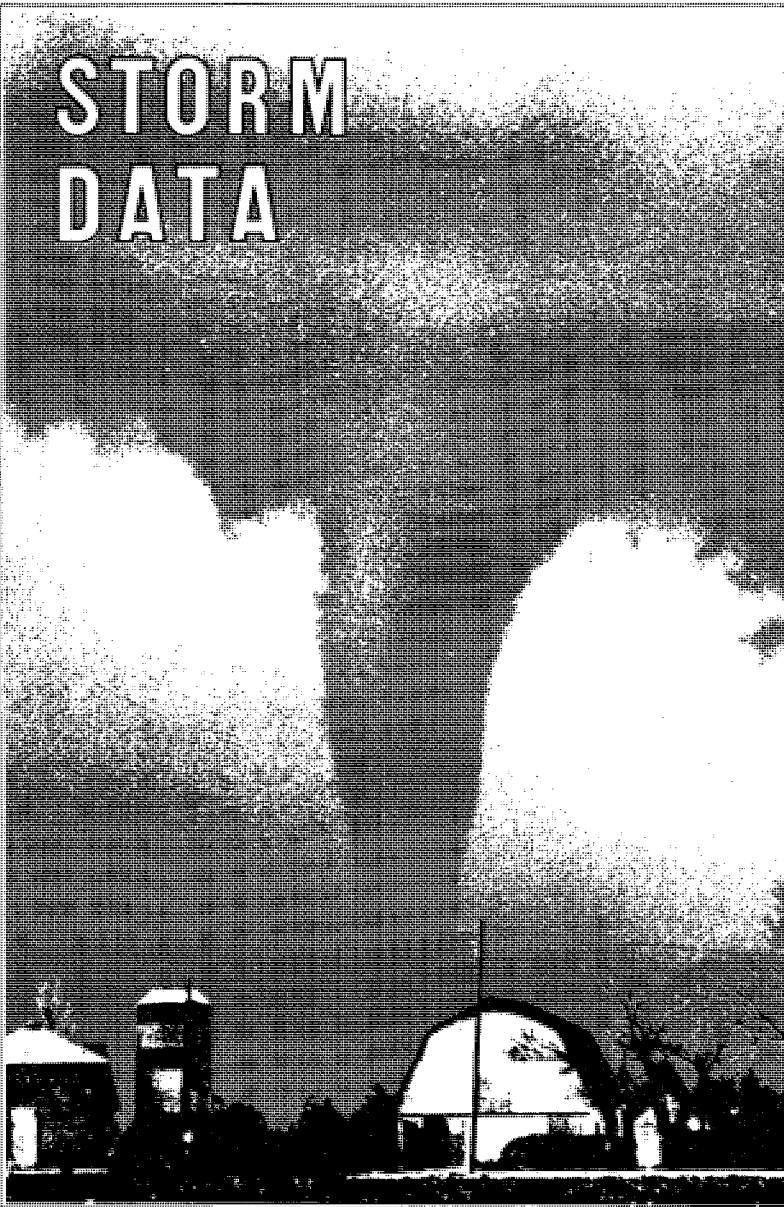


Photo courtesy: Larry Miller, Kansas Heritage Photography

STORM DATA is a monthly chronicle of significant and unusual weather events. Photographs and charts depicting storms, descriptions of extraordinary weather events occurring in each state, and summary tables of storm-related deaths, injuries, and property and crop damage are contained in this publication.

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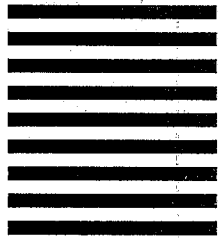
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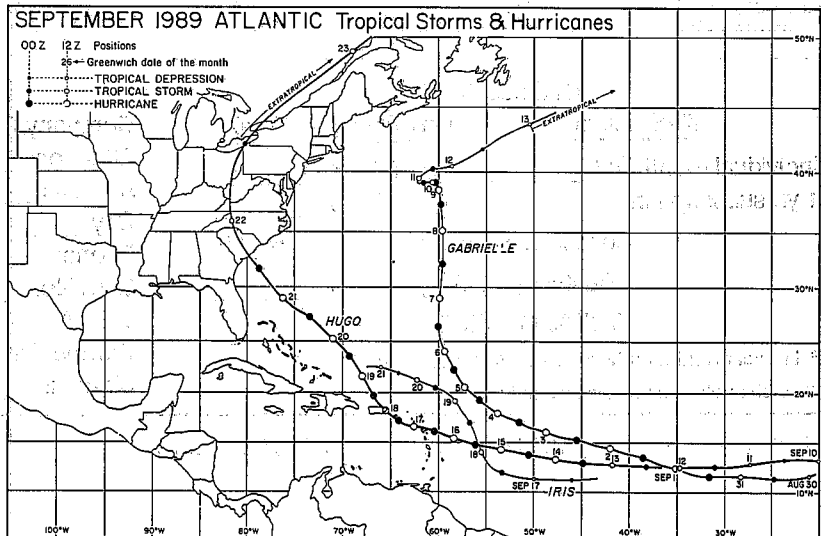
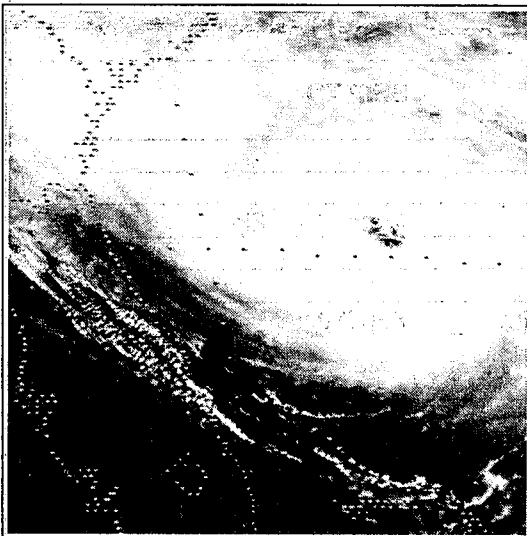


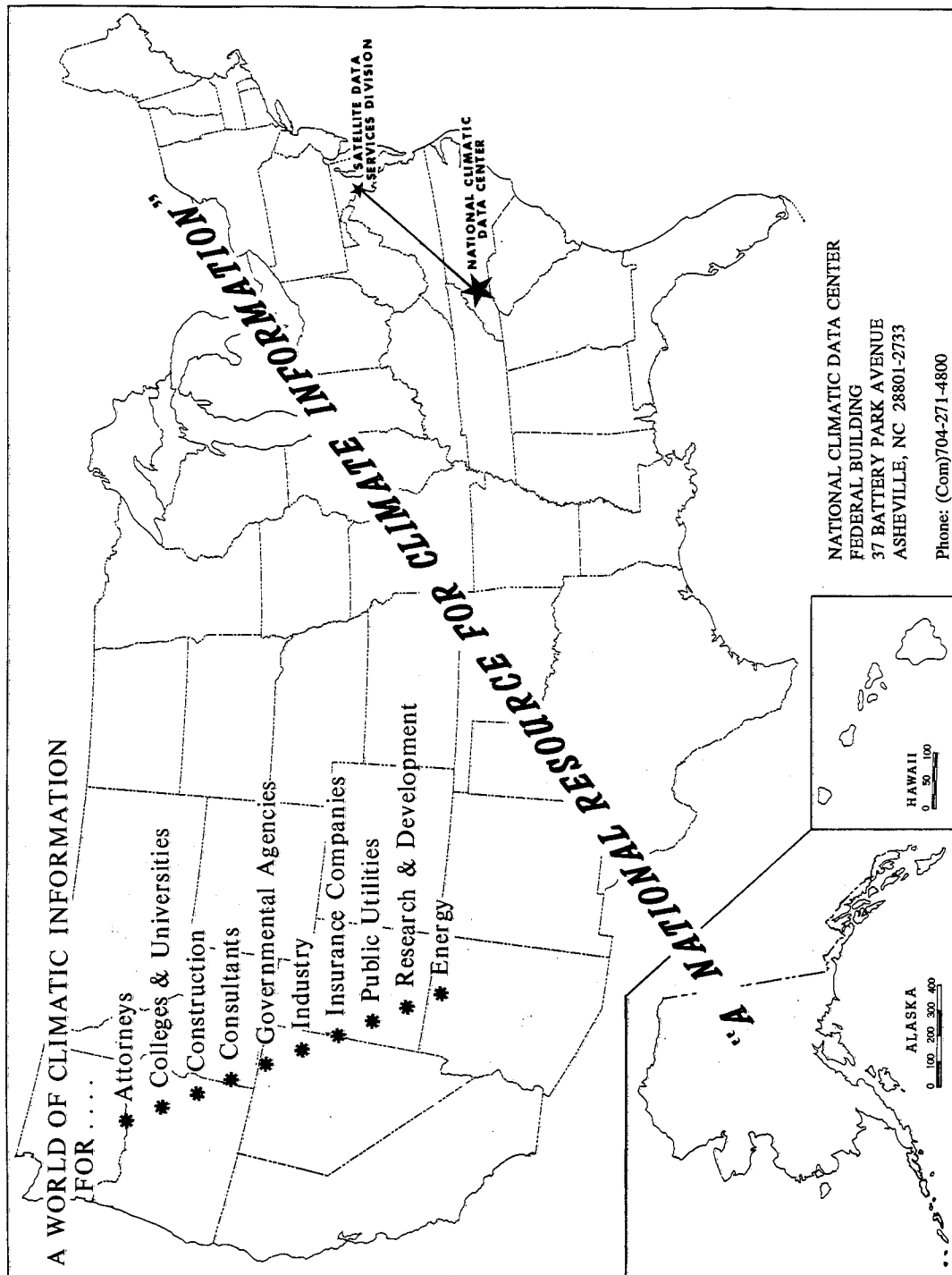
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### HURRICANE HUGO, SEPTEMBER 10-22, 1989

Despite excellent warning lead times and excellent government and public response to the warnings, the fury of Hurricane Hugo took many by surprise and will undoubtedly haunt the memory of many Americans for years to come. Along with numerous deaths and injuries, HUGO brought large-scale devastation to much of the Carolinas, Puerto Rico, the Virgin Islands and other islands of the Caribbean, making it the costliest hurricane in U.S. history.

Over the course of slightly less than two weeks, HUGO followed a trajectory that was typical for an Atlantic Basin tropical system: originating near Africa in the vicinity of the Cape Verde Islands, traveling west across the tropical Atlantic to the Leeward Islands, turning northwest toward the U.S. coast until making landfall in the Carolinas, and once inland, turning northeast under the influence of the Westerlies and becoming extratropical while skirting the eastern U.S.-Canada border (see map below). The system originated from a cluster of thunderstorms that moved off the African coast on September 9th and organized into a tropical depression on the 10th just southeast of the Cape Verde Islands. The system moved west at 18 knots, attaining storm status on the 11th, and hurricane status on the 13th while located about 1100 nautical miles east of the Leeward Islands. HUGO gradually turned west-northwest and slowed in its translation as it headed for the Islands. While still several hundred miles east of the Islands on the 15th, the first reconnaissance aircraft reported HUGO as having a minimum central pressure of 918 mb and an estimated maximum surface wind of 140 knots. This turned out to be HUGO's maximum intensity.





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