

The National Cooperative Observer

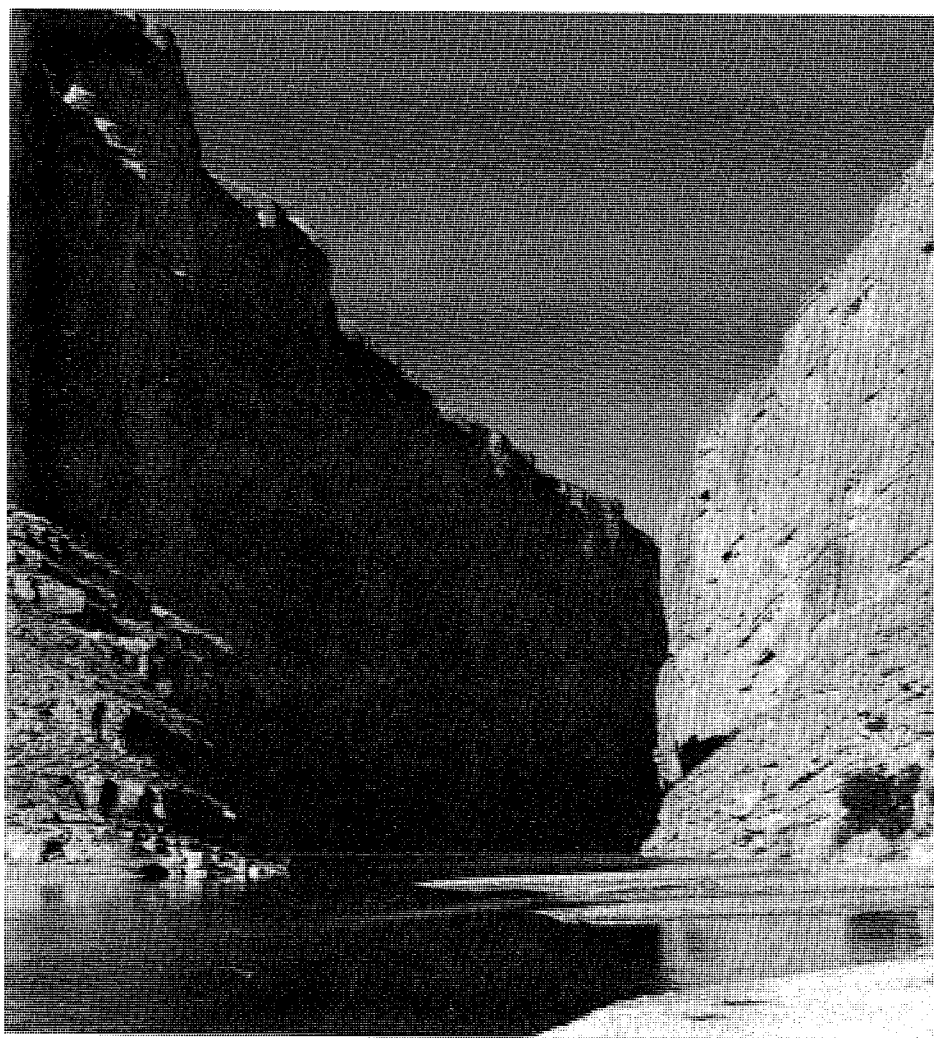


SUMMER 1993

VOLUME 10

NUMBER 4

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: Big Bend National Park in extreme southwestern Texas encompasses 708,221 acres of magnificent contrasts. One can travel from the Rio Grande River with its spectacular canyons and jungle-like flood plain to the Chihuahuá Desert, which constitutes the majority of the park, to the Chisos Mountains with their cool woodlands. This variation in elevation (1,850 feet - 7,035 feet) and temperature makes Big Bend an ideal year-round park with a diversity of Mexican and American plants. Over 1,100 plant types are found in the park. Animal life is just as varied. Desert wildlife is mostly nocturnal, but one might see deer, coyotes, javalinas, skunks, raccoons, and jack rabbits. Cover photo was taken by Jerry Wolfe, CPM/FTW, and illustrates the towering cliffs which separate Mexico and the United States in Santa Elena Canyon along the Rio Grande in Big Bend National Park.

SOUTHERN REGION



LOUISE SWINNEY, OBSERVER, LEXINGTON, MS, recently received the **PRESTIGIOUS THOMAS JEFFERSON AWARD** for "unusual and outstanding accomplishments" for more than 40 years. "It has been my ultimate goal for quite some time" said Mrs. Swinney. Only 5 out of 12,000 weather observers receive this award each year. More than 100 friends and relatives attended a ceremony for Mrs.

Swinney at the First United Methodist Church fellowship hall in Lexington. Presenting the award were Tice Wagner III (left), Area Manager, NWS, MS; and Larry Arnold (right), CPM, Jackson, MS. Congratulations Mrs. Swinney for being the only weather observer in the Southern Region for 1992 to receive this well-deserved award for your outstanding contribution.



CHESTER B. COX, OBSERVER, RED SPRINGS 2 ESE, TX, received the **EDWARD H. STOLL AWARD FOR 50 YEARS OF CONTINUOUS SERVICE.** A banquet was held in his honor at the Chamber of Commerce. Approximately 300 people attended. Dennis McCarthy, MIC, Norman WSFO, presented

the award. Also present (left to right): Carl Wilkins, HMT/Norman; Jerry Wolfe, CPM/FTW; Tom Davis, DAPM/Norman; and John Van Dunk, OIC, Wichita Falls WSO. Congratulations Mr. Cox for your outstanding and dedicated work.

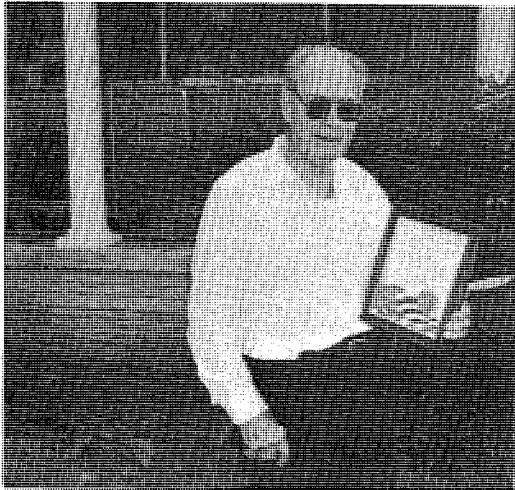
SOUTHERN REGION



A 50-YEAR INSTITUTIONAL AWARD was presented to THE CORPS OF ENGINEERS, NORFORK DAM, AR. Pictured receiving the award is Terry Nearn. Woody Currence, CPM/LZK, made the presentation.



LONNIE G. COOPER, OBSERVER, MELBOURNE, AR, was recently awarded a 15-YEAR LENGTH-OF-SERVICE AWARD by Woody Currence.



BERNARD WATTHEY, OBSERVER, CABOT 4 SW, AR, was presented a 45-YEAR LENGTH-OF-SERVICE AWARD.



VERCIE REYNOLDS, OBSERVER, HUNTSVILLE 1 SSW, AR, was recently awarded a 10-YEAR LENGTH-OF-SERVICE AWARD by Woody Currence.



C. W. THORNLEY, JR., OBSERVER, CALICO ROCK, AR, was awarded a 20-YEAR LENGTH-OF-SERVICE AWARD by Woody Currence.



THOMAS F. MATHEWS, OBSERVER, BUTLER, GA, received a 40-YEAR LENGTH-OF-SERVICE AWARD. Presentation was made by Bob Drummond, CPM/ATL (left) and Carlos Garza, MIC/ATL. Also pictured is Mr. Mathew's dog "Charlie" and his 55-year-old Schwinn bike. Mr. Mathews still rides his bike to and from his store every day.

SOUTHERN REGION



A 35-YEAR LENGTH-OF-SERVICE AWARD was presented to BUEL RUSSELL, OBSERVER, MONTICELLO, MS. Larry Arnold, CPM/JAN, made the presentation.



A 35-YEAR LENGTH-OF-SERVICE AWARD was presented to GROVER C. BAYLESS, OBSERVER, ARNETT, OK. HIS WIFE, RUTH, SHARES THE DUTIES. Farmers in Ellis and surrounding counties benefit from the Bayless's efforts. Presentation was made by Maxie Brown, HMT/OUN.



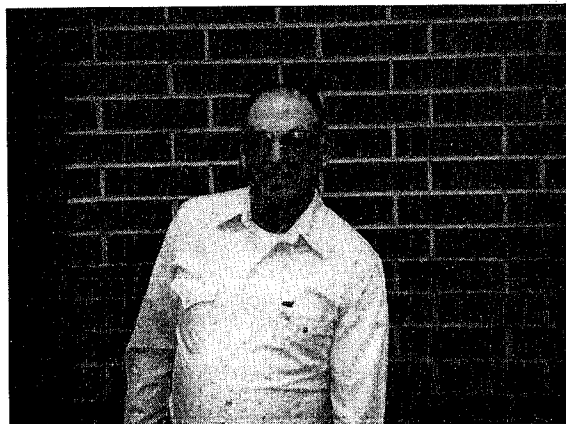
A 10-YEAR LENGTH-OF-SERVICE AWARD was presented to BETTY ALEXANDER, OBSERVER, MEADVILLE, MS. Larry Arnold made the presentation.



ROSE COOP, OBSERVER, SCIPPIO, OK, received a 25-YEAR LENGTH-OF-SERVICE AWARD from John Lambert, HMT/OUN.



Shown receiving their 15-YEAR LENGTH-OF-SERVICE AWARD are MR. AND MRS. GEORGE HAMLIN, TATUM, NM. George loves to fish and has a picture of a 53-pound catfish he caught down on the Rio Grande River. Mrs. Hamlin makes the daily calls to ABQ with the weather observations. Presentation was made by Chuck Megee.



C. LOWELL COOPER, OBSERVER, MUTUAL, OK, received a 20-YEAR LENGTH-OF-SERVICE AWARD. Mr. Cooper was praised for his excellent work in keeping records for Mutual. Farmers in Woodland and surrounding counties, as well as industry over the state, benefit from Mr. Cooper's efforts. Presentation of the award was made by Maxie Brown.

SOUTHERN REGION



WILLIAM I. HILL, OBSERVER, WETUMKA, OK, received a **20-YEAR LENGTH-OF-SERVICE AWARD.** Beverly Reese, HMT/OUN, made the presentation.



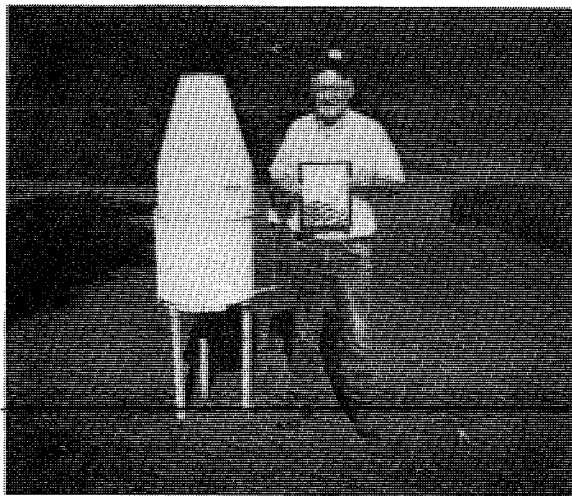
ZENA LEE WALKER, OBSERVER, BOISE CITY 2 E, OK, received a **10-YEAR LENGTH-OF-SERVICE AWARD.** Zena works for the Oklahoma Highway Department where they monitor the weather conditions very closely. Presentation was made by Chuck Megee.



A **10-YEAR LENGTH-OF-SERVICE AWARD** was presented to **O. G. HENDERSON, OBSERVER, BEAVER, OK.** Presentation was made by Chuck Megee.



A **25-YEAR INSTITUTIONAL AWARD** was presented to the **CITY OF LINDEN (LINDEN 2, TN).** Bobby French is shown accepting the award from John McBroom.



A **10-YEAR LENGTH-OF-SERVICE AWARD** was presented to **M. C. NABORS, OBSERVER, ANTLERS, OK.** Presentation was made by Beverly Reese.



RALPH D. KING, OBSERVER, SELMER, TN, was recently presented a **20-YEAR LENGTH-OF-SERVICE AWARD** by John McBroom.

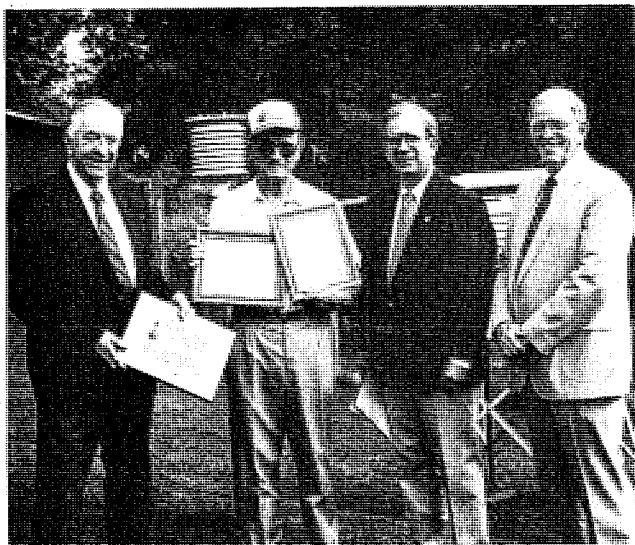
SOUTHERN REGION

-- 100th ANNIVERSARY --

Centennial Awards

Tennessee Area Manager Ric Coleman, Memphis, WSFO; Dr. Joanne Logan, University of Tennessee and State Climatologist; and John McBroom, CPM, Nashville, recently made a whirlwind tour through TENNESSEE and eastern ARKANSAS presenting NWS CENTENNIAL AWARDS TO 14

COOPERATIVE WEATHER STATIONS. They did an outstanding job of keeping our centennial celebration alive. Pictured below are photos from two of the honored stations. MCMINNVILLE, TN, BEGAN TAKING OBSERVATIONS IN 1872 AND COVINGTON, TN, IN 1883.



COVINGTON, TN

Pictured left to right: Aubrey Baxter, Mayor; Larry Fortner, observer; Ric Coleman, MIC/AM; and John McBroom, CPM/BNA. IN ADDITION TO THE CENTENNIAL AWARD, MR. FORTNER was also presented a 30-YEAR LENGTH-OF-SERVICE AWARD.

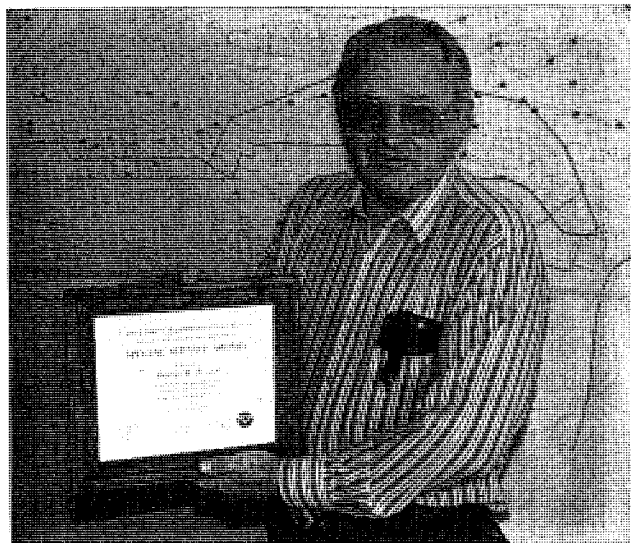


MCMINNVILLE, TN

Pictured left to right: Alderman Chester N. Womack; James Fish, Operator; Mayor Norman W. Rone; O.D. Ronald Gentry, Plant Manager; Ric Coleman, MIC/AM TN; Wayne Hamberger, SC/TN; Dr. Joanne Logan, University of Tennessee; and Glen Moore, Alderman and Vice-Mayor; and Louis Mullican, Operator.



GERALDINE MOORE, OBSERVER, WOODBURY, TN, received a 20-YEAR LENGTH-OF-SERVICE AWARD from John McBroom.



A 15-YEAR LENGTH-OF-SERVICE AWARD was presented to GEORGE F. ISAACS, OBSERVER, KINGSPORT, TN. The award was presented by John McBroom.

SOUTHERN REGION



A **10-YEAR LENGTH-OF-SERVICE AWARD** was presented to **BILLY BARRETT, OBSERVER, MURFREESBORO 5 N, TN.** Mr. Barrett is the Assistant Superintendent of the Murfreesboro Water Plant. John McBroom made the presentation.



A **30-YEAR LENGTH-OF-SERVICE AWARD** was presented to **DARRELL HEAD, OBSERVER, CENTER CITY, TX,** by Alan Starnes.



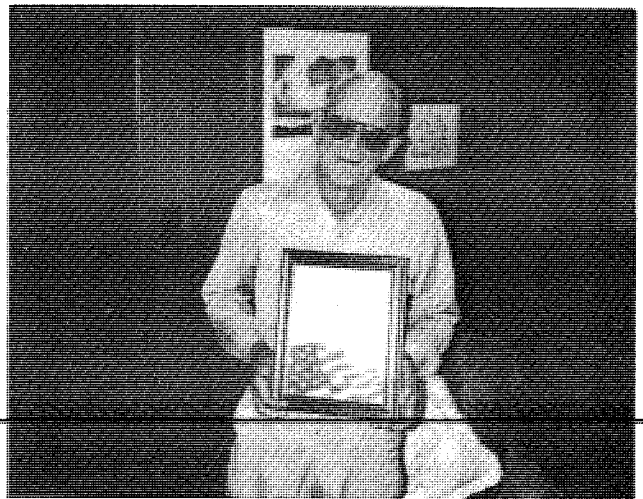
The **FEDERAL CORRECTIONAL INSTITUTION AT LATUNA 1 S, TX,** was recently presented a **50-YEAR INSTITUTIONAL AWARD.** Personnel in the power house portion of the prison take the daily observations and do a very good job. The task was made much easier with the installation of the Digital System six years ago. Assistant Warden, Max Flowers (center), accepted the award from Andy Anderson, MIC/AM WSFO/LBB, and Max Blood, MIC/ELP. Chuck Megee assisted.



A **25-YEAR LENGTH-OF-SERVICE AWARD** was presented to **LAWRENCE I. DUNLOP, OBSERVER, ANDICE 1 WNW, TX,** by Alan Starnes.



A **45-YEAR LENGTH-OF-SERVICE AWARD** was presented to **MADISON G. WILSON, OBSERVER, MAYPEARL, TX.** Mr. Wilson is a past recipient of the "John Campanius Holm" award. Presentation was made by Alan Starnes, CPM, Waco, TX.

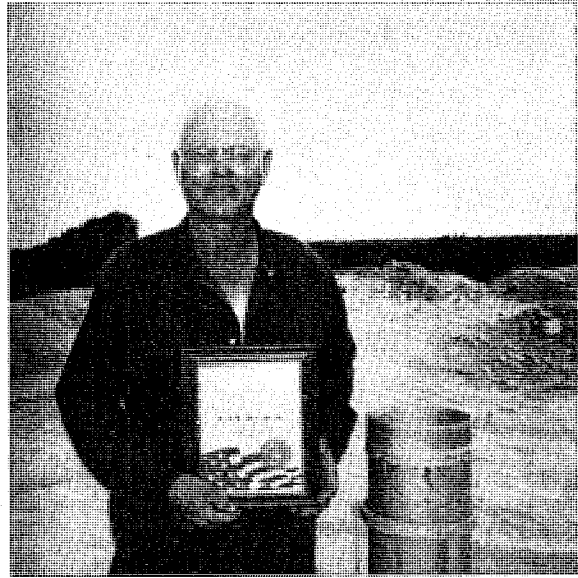


W. W. GUNN, OBSERVER, LIPSCOMB TX, recently received a **25-YEAR LENGTH-OF-SERVICE AWARD.** Lipscomb is a secluded valley in the Texas Panhandle. Chuck Megee, CPM/LBB, made the presentation.

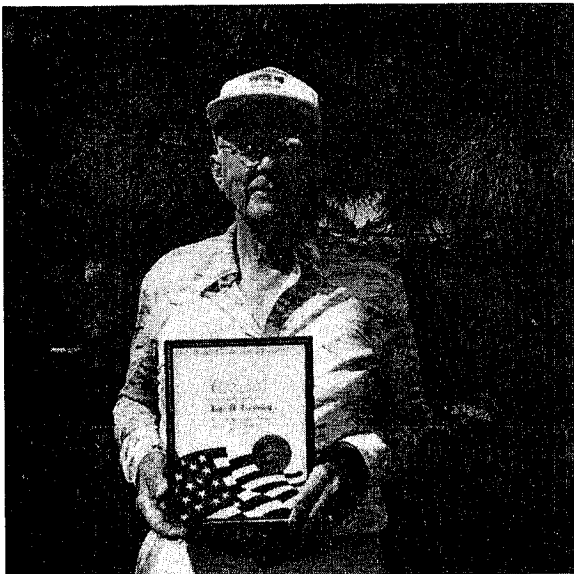
SOUTHERN REGION



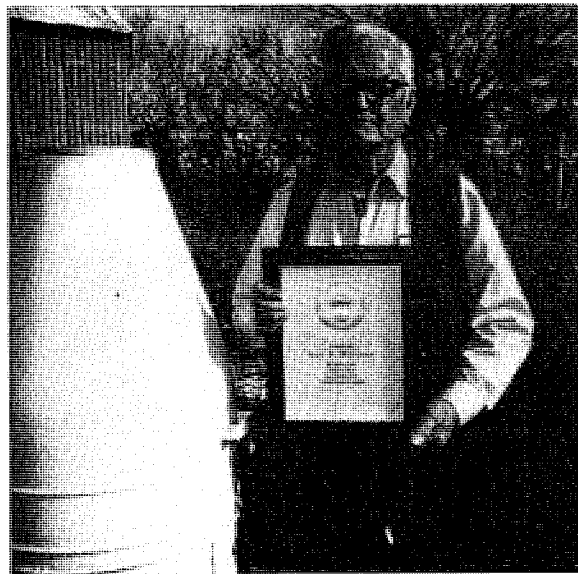
WILSON KLOSE, OBSERVER, BERTRAM 3 ENE, TX, received a 25-YEAR LENGTH-OF-SERVICE AWARD from Alan Starnes.



FRED H. MCCABE, JR., OBSERVER, WATER VALLEY 11 NNE, TX, received a 20-YEAR LENGTH-OF-SERVICE AWARD from Alan Starnes.



A 25-YEAR LENGTH-OF-SERVICE AWARD was presented to JOHN H. TREADWELL, OBSERVER, FORT MCKAVETT, TX, by Alan Starnes.



A 20-YEAR LENGTH-OF-SERVICE AWARD was presented to JEAN WILLIAMS, OBSERVER, BRADY, TX, by Alan Starnes.

EASTERN REGION



EDWARD C. CHILDS, OBSERVER, NORFOLK 2 SW, CT, was presented the HELMUT E. LANDSBERG AWARD at ceremonies held at the State Capital in Hartford. Besides the Landsberg Award FOR 60 YEARS OF CONTINUOUS SERVICE, Mr. Childs was also HONORED BY THE STATE OF CONNECTICUT FOR HIS DEDICATION TO CONSERVATION AND PRESERVATION OF THE STATE'S FORESTS - by Governor Weicker (left).

Mr. Childs maintains a bench mark Reference Climate Station at his home in the Great Mountain Forest which happens to be the largest privately-owned parcel of land in Connecticut.

He began taking daily weather observations in 1932 while attending Yale University where his major was Forestry. He was presented the Thomas Jefferson Award in 1962.

Photo: Thomas McDonald



DARRELL F. RUSS, MR. CHILDS' FRIEND AND COLLEAGUE, an OBSERVER-ASSISTANT, received a 40-YEAR SERVICE AWARD. An American Flag presented to the Childs' family was accepted by Mrs. Elizabeth Childs.

In addition to Mr. Childs and Mr. Russ and their family members, the ceremonies were attended by Governor Weicker and other state officials, and dignitaries from Yale University, and received a good deal of media fanfare.

Photo: Thomas McDonald

Representatives from the NWS included: Bob Thompson, MIC, Boston, MA, Southern New England Area Manager; Bruce Whyte, Acting Hydrologist in Charge, Northeast River Forecast Center, Hartford, CT; Andy Woodcock, MIC, Hartford, CT; Dave Foose, OIC, Bridgeport, CT; Joe Brumbach, retired Connecticut State Climatologist; and Tony Mach, CPM, Hartford, CT, who arranged the joint Federal-State Award presentation.

Photo (left to right): Dave Foose; D.E.P. Commissioner Tim Keeney; Darrell F. Russ; Andy Woodcock; Edward C. Childs; Bruce Whyte; Bob Thompson; and Tony Mach.

EASTERN REGION



THURSTON PACKER, OBSERVER, SHERBURNE, NY, received the **JOHN CAMPANIUS HOLM AWARD**. The presentation was made at a luncheon hosted by Norwich Bank and Trust, where Mr. Packer is a vice-president. At left is Mrs. Packer, who, along with friends, associates, and other family members, attended the luncheon to honor Mr. Packer.

Presentation and photo were made by James Donahue, Cooperative Program manager, Portland, ME.



A **50-YEAR INSTITUTIONAL AWARD** was presented to the **BRIDGEPORT HYDRAULIC COMPANY** for service at **SAUGATUCK RESERVOIR LOCATED IN WESTPORT, CT**. The presentation was made at the company's Donald W. Loiselle Filter Plant at Trap Falls Reservoir in Shelton, CT. Edwin Dillman, Supply Operations Coordinator, accepted the award presented by Tony Mach. Charles Perkins is the actual observer.

Photo left to right: Viola Walker, who is responsible for mailing monthly forms, and Ed Dillman, pose with Bridgeport Hydraulic Company's **50-YEAR AWARD** before a portrait of Donald W. Loiselle. Mr. Loiselle is vice-president and former senior engineer with Bridgeport Hydraulic Company for whom the Trap Falls Filter Plant is named.

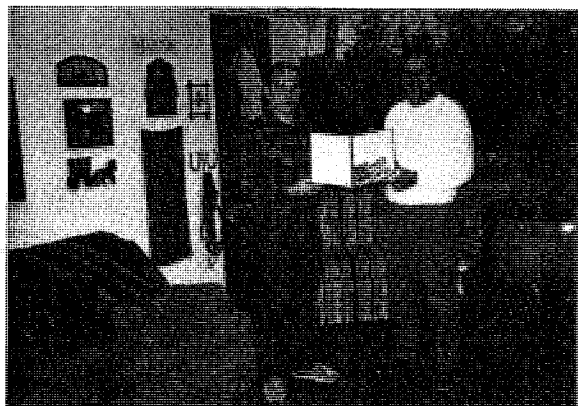


A **20-YEAR LENGTH-OF-SERVICE AWARD** was presented to **EARL AND GRACE DHUME, OBSERVERS, GREENFIELD, OH,** by Beverly A. Poole, MIC, Cincinnati, OH. Arrangements for the presentation were made by Keith Williams, CPM, Columbus, OH. Photo left to right: Beverly Poole, Grace Dhume, Earl Dhume, and Keith Williams.



JOHN STEPHENSON, OBSERVER, KINGS MILLS, OH, was presented a **10-YEAR LENGTH-OF-SERVICE AWARD**, by Beverly Poole and Keith Williams.

Photo left to right: Keith Williams, John Stephenson, and Beverly Poole.



RONALD DIEHL (LEFT), OBSERVER, PENFIELD 1 SE, OH, was presented a **20-YEAR LENGTH-OF SERVICE AWARD** by Keith Williams (right), CPM, Columbus, OH.



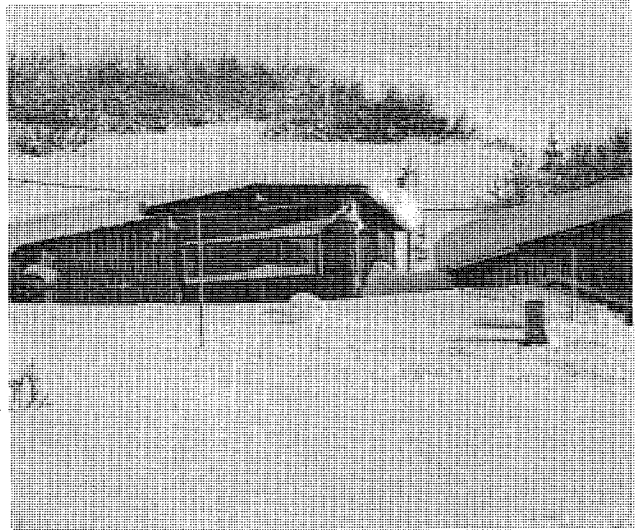
ELMER WEIGEL, OBSERVER, MILFORD WATER WORKS, MILFORD, OH, was presented a **10-YEAR LENGTH-OF-SERVICE AWARD**, by Keith Williams.

Photo left to right: Keith Williams and Elmer Weigel.

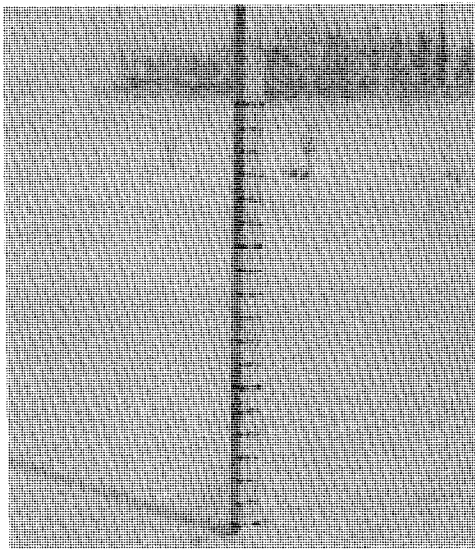
ALASKA REGION



Homer 8 NW, the home of Allan Crawford. There is usually a lot of snow on the ground in March.



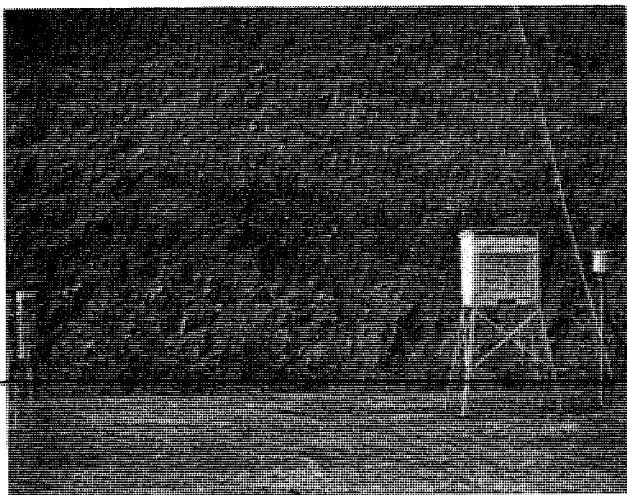
The station sits in a small valley at an elevation of 1000 feet.



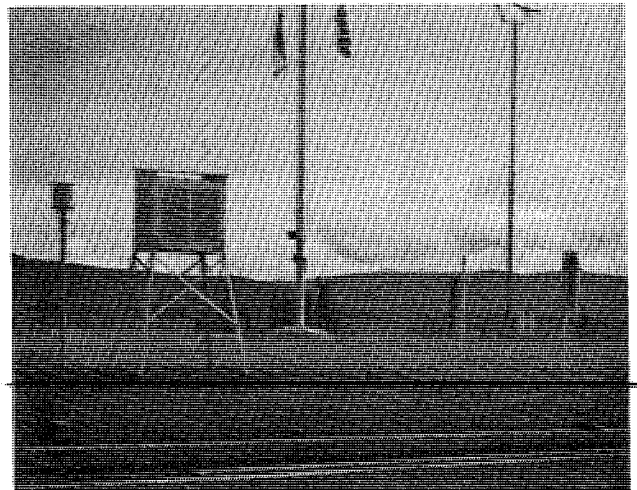
Homer may be known as the end of the road, but 78 inches is still a lot of snow.



The first stop in Alaska at the Canadian Border, mile 1221.8 Alaska Highway. Port Alcan, U.S. Customs and Immigration Services Station.

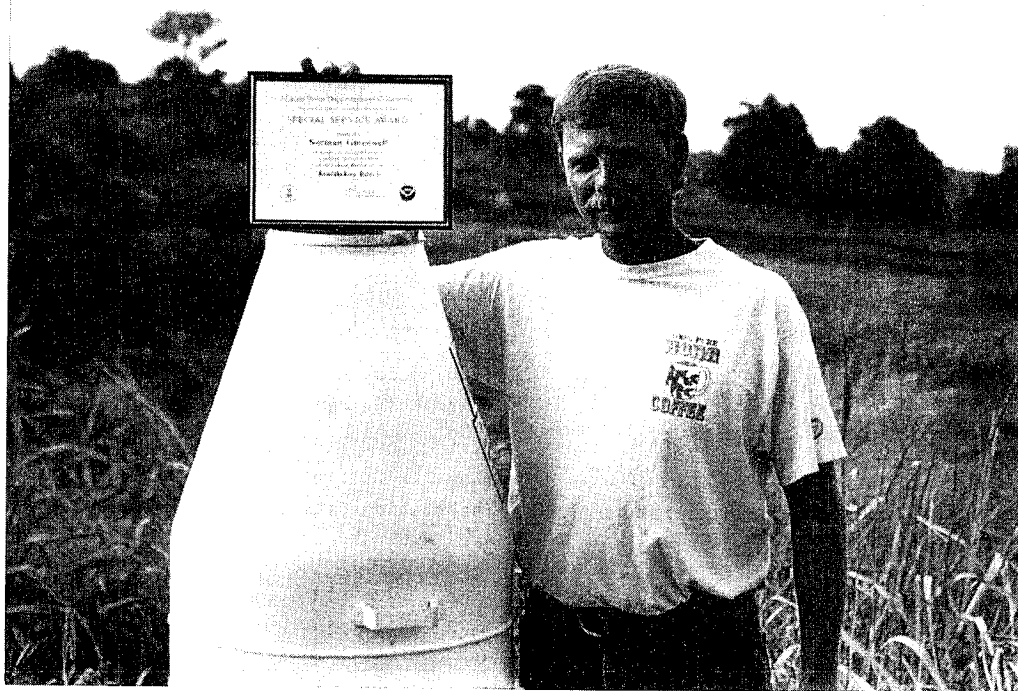


Port Alcan is opened and manned 24 hours daily.



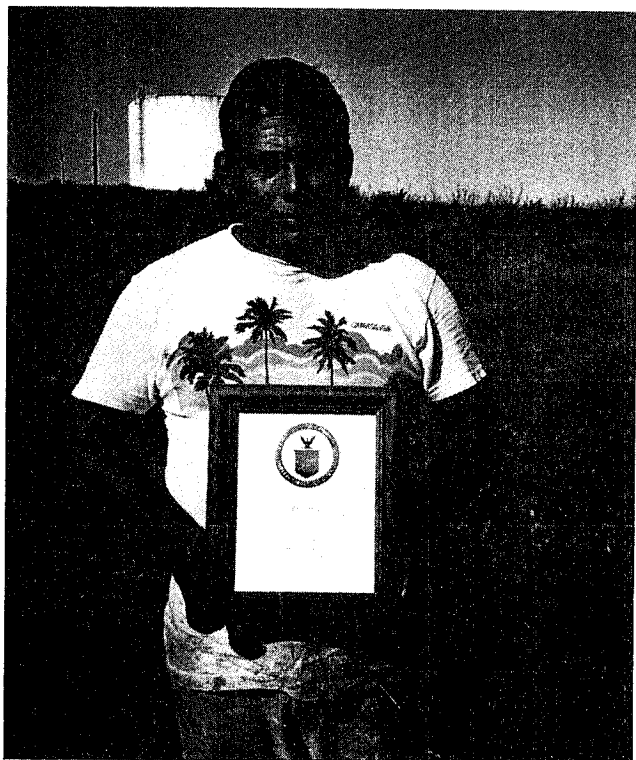
Looking northeast in Canada's Yukon Territories.

PACIFIC REGION

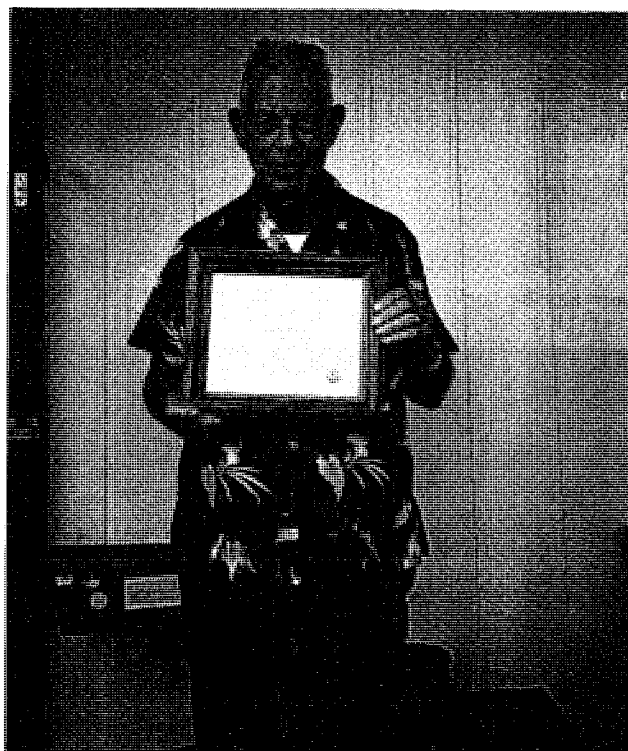


On the moderately steep west slope of Mauna Loa, an active volcano on Hawaii (13,680 feet) KEALAKEKUA #4 RECORDING PRECIPITATION STATION was established 12 years ago. It is a part of the statewide Flash Flood Warning Network, which is interrogated during periods of inclement weather.

This SPECIAL SERVICE AWARD was presented to our OBSERVER NORMAN GREENWELL, among coffee and Mac Nut trees - also seen on his T-shirt, as well.



TED JAVELLANA, MOLOAA, KAUAI, was presented a 30-YEAR LENGTH-OF-SERVICE AWARD by Ray Terada, CPM.



GEORGE MOORE was presented a SPECIAL SERVICE AWARD by Ray Terada. George was the observer for station KANEOHE, OAHU. He plans to travel extensively and enjoy the sights.

PACIFIC REGION



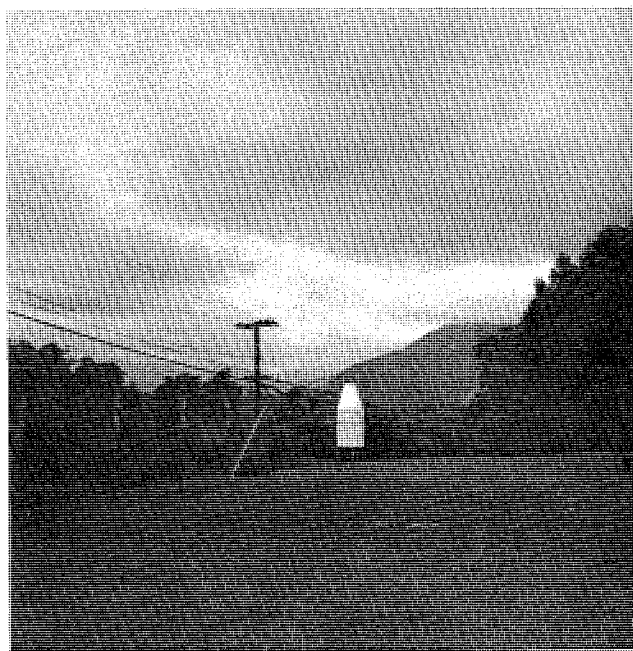
RACHEL TAMURA was presented a **SPECIAL SERVICE AWARD** by Ray Terada. Rachel retired after many years with the **LIHUE PLANTATION ON THE ISLAND OF KAUAI**.



SRG and MMTS Sensor at cooperative station **UTWA**, on Kosrae Island, near Pohnpei, Micronesia.



Fischer/Porter rain gage at Inarajan-NASA, Guam.



Kapaa Stables. **Fischer/Porter rain gage station** located above Kapaa town, on the island of Kauai, on Department of Water property.

CENTRAL REGION

Evansville's weather connection, John Payne, moving to country



JOHN N. PAYNE, who has monitored downtown **EVANSVILLE'S** weather since Harry Truman was president, is moving out of the city.

His relocation has the National Weather Service scurrying to find someone to replace him. It's a task officials admit won't be easy.

Payne has been an observer since he opened his observation station on November 6, 1949.

"I call John my Cadillac observer," said Roger Kenyon, cooperative program manager with the weather service headquarters in Indianapolis. "There's nobody like John."

Kenyon, who oversees more than 200 weather observers in Indiana, said no one probably is "as accurate or as meticulous" as Payne. "The guy is incredible."

Kenyon said Payne uses a magnifying glass to measure temperatures to the 10th of a degree. The same is done for obtaining the most precise data on evaporation, Kenyon said.

"His (weather report) forms, everything he writes out by hand is immaculate," Kenyon said. "It's almost looks like an example for penmanship. In fact I take the forms home to my children to show them how they should learn to write."

Over the years, Payne has received numerous awards, citations and honors from the weather service for his efforts.

Payne plans to move in a month or two to a 2 1/2-acre location along Browning Road, about 12 miles north of Evansville.

Kenyon said the weather service wants to find someone living within a mile of Payne's current home at 1116 E. Gum Street, to take over as the weather observer for that part of Evansville. The weather service needs to keep track of the temperature, rain, evaporation, and soil temperature in the urban area, he said.

The weather service provides the equipment, but observers are volunteers and aren't paid for their work.

Payne, 73, said an observer must be "somebody who's really dedicated, who will incorporate it as part of their life. You don't find many people like that. You have to have a deep and sustaining interest in the weather."

Except for a hospital stay in the early 1970s and a one-week trip with his family in the 1950s, Payne has not missed a day of taking the daily 6 p.m. weather readings on gages and equipment at his home. A neighbor, now deceased, took the reading those days he couldn't, Payne said.

"I have taken this very seriously," Payne said. "I have given this high priority in my life."

"I feel if you're going to do something, do it right. If you do it halfway, you're just fooling yourself. If you do it halfway, the value of the observations lose so much of their value."

The evening readings have caused him to miss parts of some television shows and World Series games that he would like to watch, Payne said.

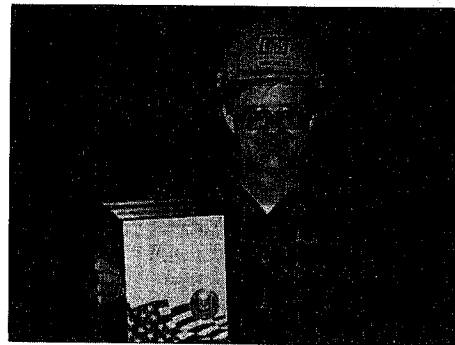
When he moves to his new home, Payne said he'll keep track of precipitation readings, but the weather service wants that information in the morning.

"It will seem kind of strange not to be at the rain gage at 6 p.m.," Payne said.

Payne said his interest in the weather started when, at the age of 6, he visited Griffin, IN, a few days after a deadly tornado roared through Griffin, Princeton, and other communities in the Midwest. "The masses of nothing but kindling wood made an impression on me," he said.

A 1932 twister through Evansville spurred him to become actively involved in weather observation, he said.

During his **43 YEARS AS AN OBSERVER**, Payne said the events he remembers most are a storm on July 2, 1980, which dumped 5.74 inches of rain in three hours and included a 42-minute hail storm, and a June 8, 1982 storm, where winds tore up homes and knocked down trees.



JOHN W. WILSON, OBSERVER, GRAND TOWER, IL, was presented a **10-YEAR LENGTH-OF-SERVICE AWARD**.

CENTRAL REGION



After 60 YEARS OF VOLUNTEERING AS A WEATHER OBSERVER in the National Weather Service's Cooperative Weather Observer Program, WALTER SCHWARZ was honored with the HELMUT E. LANDSBERG AWARD, presented by Tom Sinclair, Regional Cooperative Program manager, Kansas City, MO. Pictured left is Schwarz's wife, Norma. -- TeleGraphics photo.

WALTER SCHWARZ HONORED FOR 60 YEARS OF SERVICE

Fittingly enough, the sky was crying buckets on Monday, the day Walter Schwarz's retirement was officially commemorated.

As rain fell outside, Schwarz was honored inside his rural Worden home for his 60 years of volunteerism to the National Weather Service's Cooperative Weather Observer Program. He officially retired in August.

In an informal ceremony held in the Schwarzes' kitchen, Schwarz accepted the Helmut E. Landsberg Award from Kansas Cooperative Manager Greg Painter of the Weather Service Forecast Office in Topeka, and Regional Cooperative Program Manager Tom Sinclair, based in Kansas City, MO.

According to their research, Schwarz is the longest-serving Observer Program volunteer in the state's history.

"He's the backbone of the forecaster, really," Sinclair said, adding that individual volunteers' observations and input play a vital role in formulating weather data.

Since inheriting the position from his uncle, Charlie Albright, in 1932, Schwarz has witnessed a plethora of physical phenomena, from the dust bowls of the 1930s to the swarms of grasshoppers in 1936.

"The grasshoppers came in here and they just stripped the corn -- I have never seen anything like that before," Schwarz recalled.

But for the most part, Schwarz has monitored rain and snow -- and lots of it. During particularly heavy precipitation Schwarz would report daily the readings from his 20" long cylindrical rainfall gage to Topeka via telephone. During fairer weather he would submit his findings in a monthly report.

Despite the retired status, don't think for a minute Walter Schwarz doesn't know precisely how much rain the

Worden area received over this past weekend: 2.45 inches as of Monday morning, and counting.

"This isn't as wet as one year I had..." Schwarz said, trailing off to find a record book filled with dates and figures of precipitation levels. Norma, Schwarz's wife since 1935, supplements his notes with a stack of yellowed newspaper articles examining the latest meteorological extreme.

According to Schwarz, one of the wettest years in the Worden area was 1958 when 52.57 inches of precipitation fell. In 1985 that figure was topped, with a soggy high of 58.61 inches. So far this year the area has received 37.99 inches of precipitation, slightly above the 36.07-inch norm, Schwarz said.

Although Monday's ceremony was indeed an honor for Schwarz, it certainly wasn't a first. Several times throughout the years he's been recognized for his arduous weather watching by the U.S. Department of Commerce, under which the National Weather Service operates.

In 1978 Schwarz received the John Campanuis Holm award for outstanding accomplishment; four years later the Edward H. Stoll award recognizing his 50th year as a volunteer was presented. In 1983 Schwarz accepted the Thomas Jefferson award for consistency in submitting his weather reports and in 1987 he received a special service award, marking his 55th year. And recently, in recognition of his 60 years of volunteerism, Schwarz received a letter from President George Bush, commending him for continuing a tradition that stretches back to 1890.

As lofty of a request as it may seem, officials from the Observer Program are asking for a volunteer in the Worden area to fill the vacated shoes of Schwarz (by Kathleen Stoodle).

CENTRAL REGION



MEMORANDUM

Written messages save time and avoid errors

Date July 31 Baldwin, Ks.
(1992)

To Weather Bureau
 From Dear Sirs: I am sending my
 Subject last copy of July with lots of
rain + not much washing at that.
Crops are looking fine + cool weather
hope they will be O.K. ponds are
full + pastures are fine. I have
been looking for someone to
take over near here. Could I use
the gauge for my use? and my
favort news paper am sending
you a copy along they would
like to have reports along this
worden neighborhood have been
good to me in many ways so they
get the news also your staf too
in topeka I have enjoyed my
60 years too. I still want to know
the rainfall here + am still
interested that for farmers, the
rain all came nice in July or all
the year if you get down this way
stop in hoping to hear from you
 Yours Truly Walter Schwarz
Baldwin Kana

Normal 2191
13 days of rain

July 7, 19

Normal 353
this year 2486

CENTRAL REGION



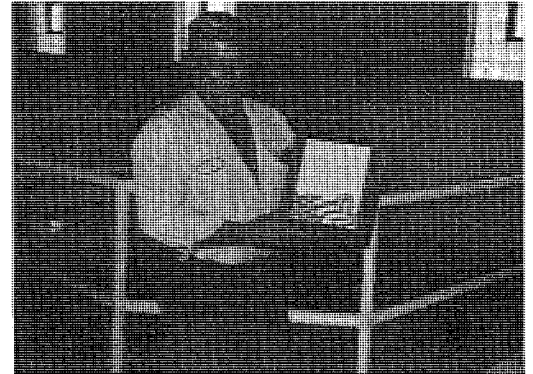
The **JOHN CAMPANIUS HOLM AWARD** was presented to **JOHN HODGES** (left), **OOLITIC, IN**, by John T. Curran, Area Manager for Indiana, NWS. The award was presented at the Lawrence County Cattleman's Association Annual Banquet. John Hodges has been an **EXCELLENT OBSERVER FOR OVER 30 YEARS**. Assisting in the presentation were Al Shipe, Jim McIntyre, and Roger Kenyon, all of the NWS.



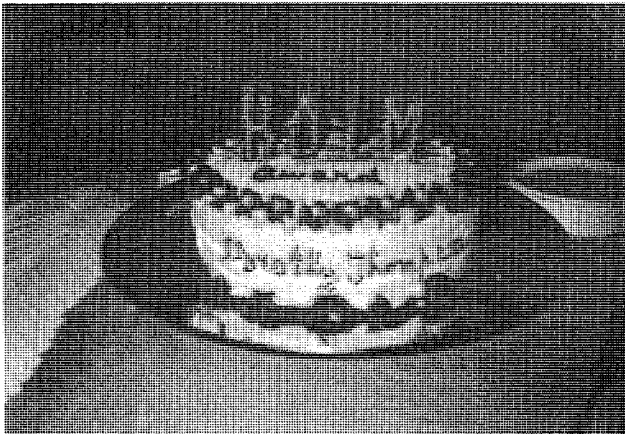
RUTH E. EVERHART, SEYMOUR 2 N, IN, was presented a **45-YEAR SPECIAL SERVICE AWARD** by Albert P. Shipe, (left). Assisting in the presentation were Warren Bruns (not pictured) of the Cincinnati River Forecast Center and Roger Kenyon. Mrs. Everhart has also received the John Campanius Holm Award.



Mrs. Everhart reads the White River gage (East Fork) and records maximum/minimum temperatures and precipitation daily. This information is sent to the NWS via computer modem (ROSA). Ruth is one of the most dependable observers in Indiana.



RICHARD L. DAVIS, OBSERVER, BURLINGTON, IN, is the recipient of a **40-YEAR AWARD**.



DOROTHY M. THOMPSON, NOBLESVILLE, IN, was presented the **JOHN CAMPANIUS HOLM AWARD** by Mike Sabones, DMIC/WSFO IN and Albert P. Shipe, Service Hydrologist for IN (right). Assisting in the presentation was Roger Kenyon (not pictured).

Dorothy reads the White River gage and records precipitation daily. This information is sent to the NWS via computer modem (ROSA). Dorothy is an outstanding observer.

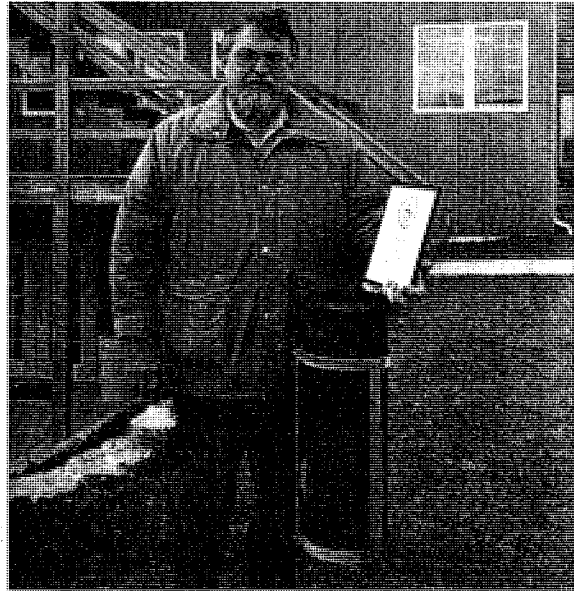


HENRY AND LORRAINE ROW, 11409 ROWE ROAD, MONROEVILLE, IN, were presented a **CERTIFICATE AND PIN** for **35 YEARS OF SERVICE** to the National Weather Service last month. Roger Kenyon and Albert Shipe, Jr. of Indianapolis, IN, presented the award. Paul Strack of 10902 Sampson Road, Monroeville, has since taken over the job of rainfall measurement for the Bureau after the retirement of the Row's.

CENTRAL REGION



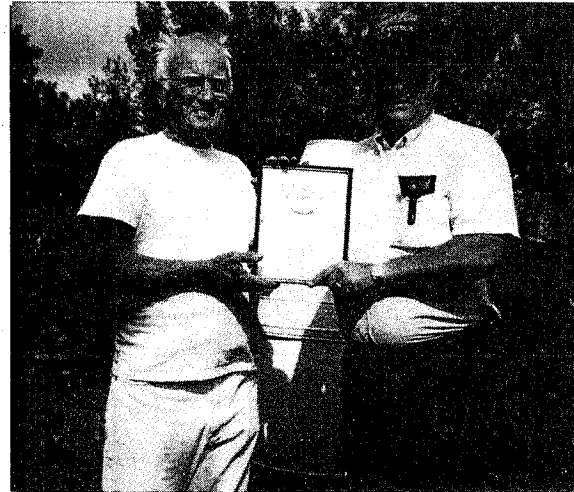
ANN GERTH, MOUNT VERNON, IN, was presented a **25-YEAR SPECIAL SERVICE AWARD** by Roger Kenyon. Mrs. Gerth reads the Ohio River gage daily and records maximum/minimum temperatures along with daily precipitation. This information is sent to the NWS via computer modem (ROSA). Mrs. Gerth is an asset to the Cooperative Weather Program.



DONALD R. MENKEN, ELKADER 5 SSW, IA, was presented a **20-YEAR LENGTH-OF-SERVICE AWARD** by Bill Newman.



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



BURDETTE R. WEAVER, MOVILLE, IA, was presented a **20-YEAR LENGTH-OF-SERVICE AWARD** by Bill Newman.

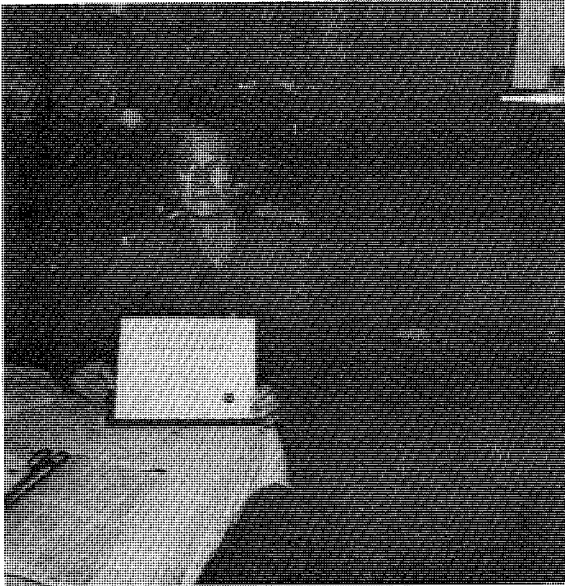


ROBERT W. SORENSEN, HARLAN, IA, was presented a **40-YEAR LENGTH-OF-SERVICE AWARD AND LETTER** by Bill Newman CPM/DSM.

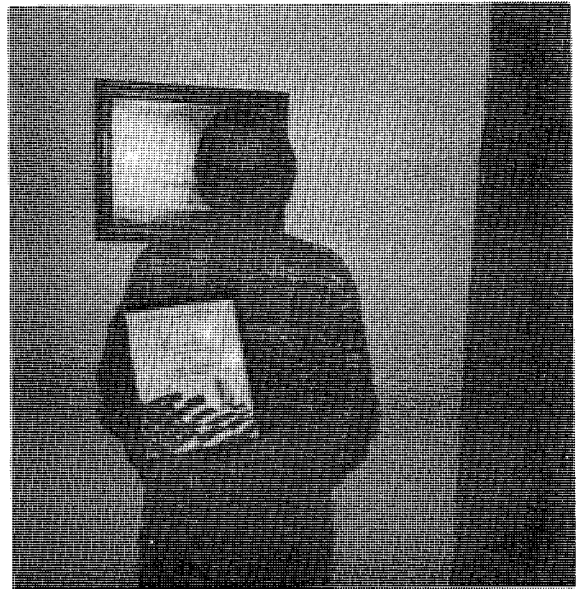


ELMO LANGFELDT, SPENCER, IA, was presented a **10-YEAR LENGTH-OF-SERVICE AWARD** by Bill Newman.

CENTRAL REGION



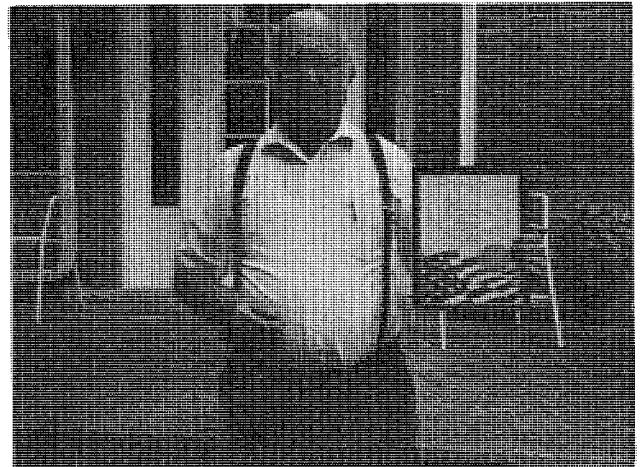
ELAINE WEINERT, LILLIS, KS, retired after **22 YEARS OF SERVICE**. Her daughter Martha Caffrey has volunteered to continue in the program.



BEN ENGELKEN, GOFF, KS, was presented a **10-YEAR CERTIFICATE** the same week of his 50th wedding anniversary.



IVAN W. HINKLE (LEFT), WASHINGTON, KS, retired and was presented his **15-YEAR CERTIFICATE** by Greg Painter, CPM/TOP.



A **40-YEAR LENGTH-OF-SERVICE AWARD** and **EMBLEM** were presented to **CHARLES H. MCMURTREY, SUMMER SHADE, KY**, by Peter Tellez, CPM/KY.

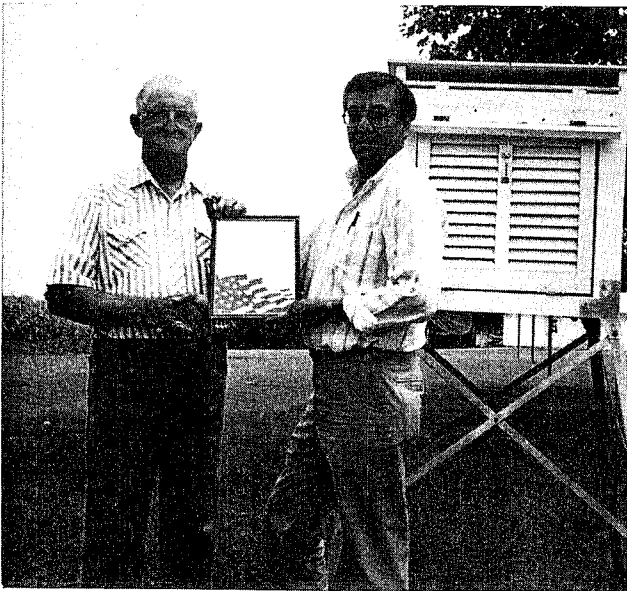


VELMA KLASSEN, HILLSBORO, KS, has been reporting the precipitation for the **PAST 15 YEARS**. Leo Ritter, WSO Wichita, presented the **AWARD**.

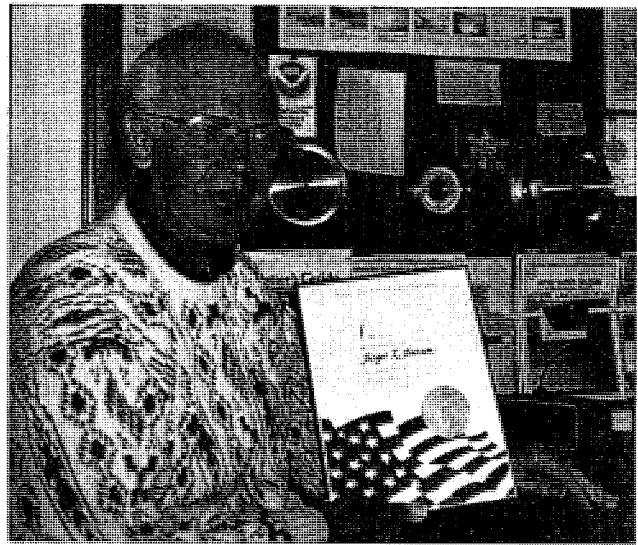


ROSALYN HENNING, WILLOWDALE 2 NW, KS, was presented a **10-YEAR LENGTH-OF-SERVICE AWARD**.

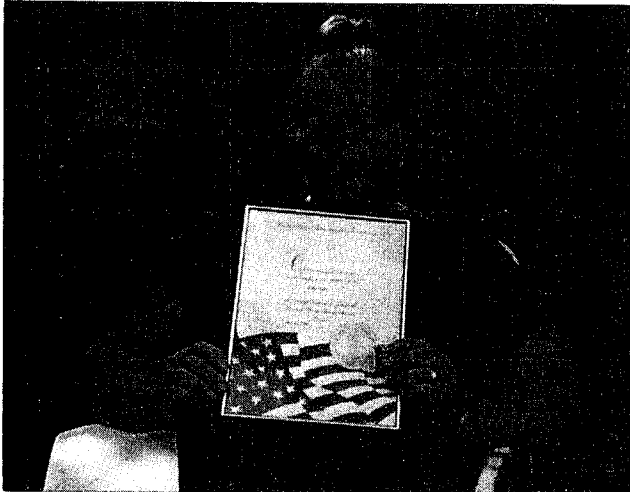
CENTRAL REGION



A 30-YEAR LENGTH-OF-SERVICE AWARD was presented to HUGH L. JENNINGS, BARDWELL, KY, by Peter Tellez.



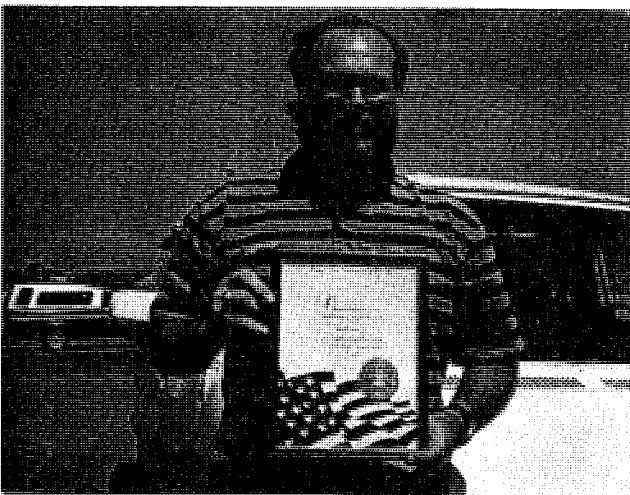
A 10-YEAR SERVICE CERTIFICATE and PIN were presented to ROGER L. BENSON, WINDOM, MN. In addition to being the observer, Mr. Benson is very active with Community Civil Defense.



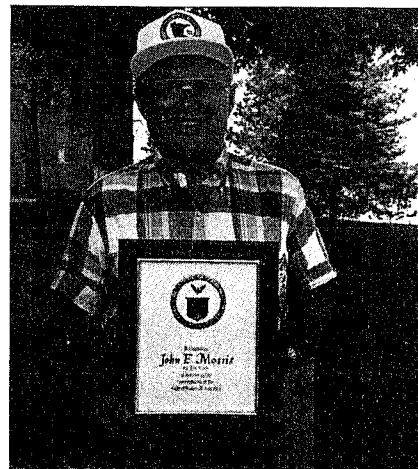
A 10-YEAR LENGTH-OF-SERVICE AWARD and EMBLEM were presented to MARGIE GOBLE, DAVELLA, KY, by Peter Tellez.



KENNETH HOEF was presented a 10-YEAR AWARD AND PIN for his services as observer at GRAND MEADOW, MN.

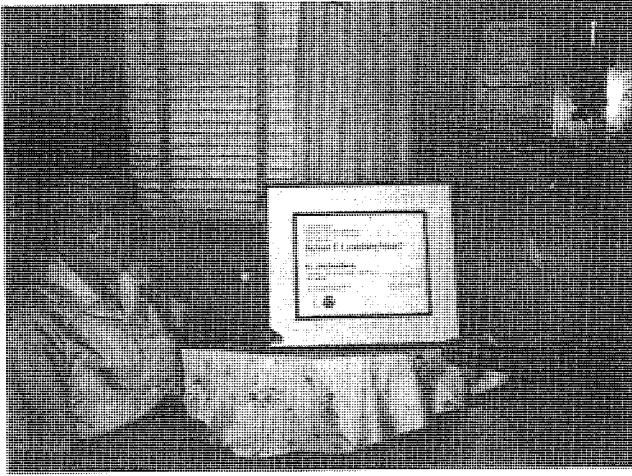


A 10-YEAR LENGTH-OF-SERVICE AWARD and EMBLEM were presented to RUDY YOUNG, STEARNS, KY, by Peter Tellez.



JOHN E. MORRIS, GLENWOOD, MN, was presented a 10-YEAR SERVICE AWARD by Michael Asmus, CPM/MSP. Mr. Morris is with the Pope County Extension Service.

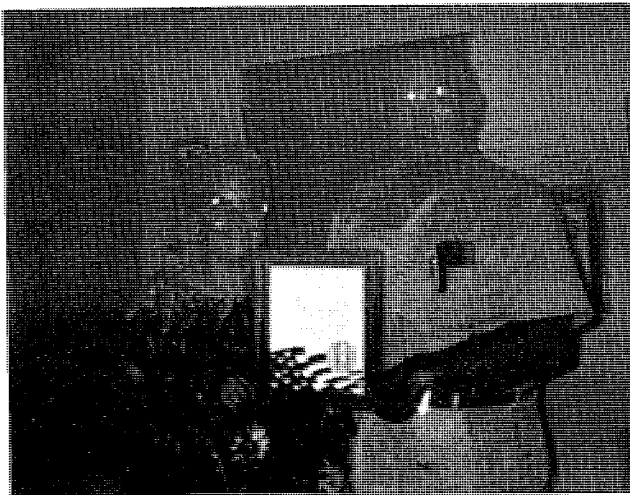
CENTRAL REGION



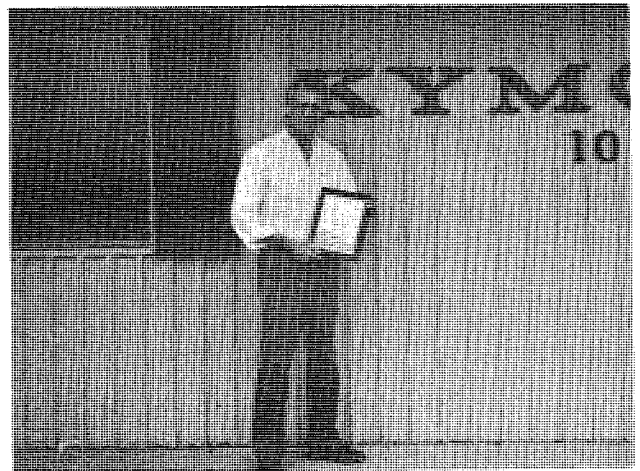
MR. & MRS. JOHNNY MARTIN, KING CITY, MO, were presented a **60-YEAR LENGTH-OF-SERVICE AWARD**. Mr. Martin is the holder of the prestigious Holm award. He has decided to retire this winter ... a significant loss to the NWS Coop Program.



UNITY VILLAGE (SCHOOL OF CHRISTIANITY), MO, was presented a **25-YEAR INSTITUTIONAL AWARD**. Larry Neal, observer, accepted the award.



MR. & MRS. GEORGE M. TAYLOR, ASH GROVE, MO, were presented a **30-YEAR LENGTH-OF-SERVICE AWARD**. Like many observers, daily observations are a family affair.



BARNEY L. WEBSTER, EAST PRAIRIE, MO, was presented a **20-YEAR LENGTH-OF-SERVICE AWARD**. Barney is the observer, C Network; in addition to the owner/manager of Radio Station KYMO.



PERRYVILLE, MO, PUBLIC WORKS was presented a **25-YEAR INSTITUTIONAL AWARD**. Left to right: Don Schwein, Plant Operator and Mel Nismonlar, Director, Perryville, MO, Public Works.



MRS. EVERETT YOUNG, BLOOMFIELD, MO, was presented a **20-YEAR LENGTH-OF-SERVICE AWARD**. Everett Young was "on the road" the day the award was presented. Like many sites, the observation program is a family effort. (This award should have been presented in 1986).

CENTRAL REGION



WEATHER WATCHERS HAVE HISTORY IN AREA

A weather watching "family" is represented by the Northeast Nebraskans in this photo. Center is **PAT GROSS**, who was honored last week with the **HOLM AWARD** from the National Weather Service as one of the outstanding volunteer weather observers in the nation. Employees of State National Bank have been local weather observers since 1919. Prior to Gross, Norris Weible and his wife Helen, left, were the weather watchers. Before that, the late Kenneth Whowlow, was the official weather observer for Wayne. He was represented at the awards ceremony by his wife Dorothy, second from right. Sue Wert, right, represented her husband, the late Archie Wert, who preceded Weible.

PAT GROSS of **WAYNE** has kept a daily eye on the sky and a rain gage close at hand for **23 YEARS AS THE OFFICIAL WAYNE WEATHER OBSERVER** for the National Weather Service.

Gross was honored last week by the Weather Service as one of its top volunteer weather observers in the nation and presented the **JOHN CAMPANIUS HOLM AWARD** for his years of service and his accuracy and timeliness in reporting data, said Terry Landsvork.

Only 25 of the Holm awards are presented each year to a highly select group of the more than 1,000 local weather observers from across the nation, said Landsvork.

Gross said he inherited the weather observer's job when he went to work at State National Bank in the 1960s.

"Someone at the bank has been doing the weather reports since 1919," said Gross. "It came with the job."

"At one time I tried to get rid of it, but nobody would take it," he joked. The reports require precise readings every morning at 7 a.m. The advent of digital readout gages for temperature have made the job somewhat easier over the years, but the rain and snowfall still must be measured at the same precise time each day and in the same location, Gross' back yard.

The readings Gross takes become the official record of weather and are entered into the national computer system to assist in tracking trends and forecasting.

"It is amazing really, how the climate is totally consistent," said Gross. He said he was shocked recently when he read an article that had the Weather Service saying there appeared to be a trend toward milder winters over the last five years.

Usually the trends are tracked over 20 or more years, he said.

While the climate is generally predictable, weather is less so, he said. Even with the most sophisticated equipment today, any forecast beyond the next 24 hours is not very reliable, he said.

Doppler Radar has assisted in forecasting, but even it is not a guarantee. The weather service uses all the tools available including its far-flung observers in the field to help predict dangerous situations.

For instance, when there is heavy snow and ice cover, the Weather Service can accurately predict the effect of runoff in the downstream states by having its volunteer observers take core samples of the snow and ice and melt it down, then report the water content.

Besides the need for accurate weather reports to assist agriculture, Gross said he has been contacted by attorneys for accurate weather reports from the date of an accident and by insurance companies for reports on weather damage claims.

Besides that, everybody likes talking about the weather, and that makes his volunteer job more fun.

Landsvork said the contribution of weather observers like Gross is crucial in the efforts to detect and describe climatic changes like global warming.

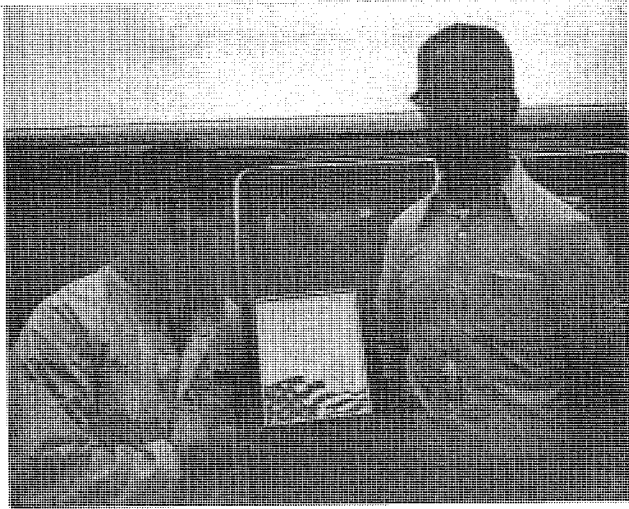
"The co-op observer is very important to the National Weather Service and since observers receive little, if any monetary reward for their effort, it is important to recognize them for their contribution through a national awards program," said Landsvork. The Holm award was named after a Lutheran Minister who was the first person known to have taken systematic weather observations in Colonial America.

Gross received congratulatory letters from many public officials on his award. Those included Sen. Kerrey; Rep. Bereutter; Gov. Nelson; and members of the state legislature.

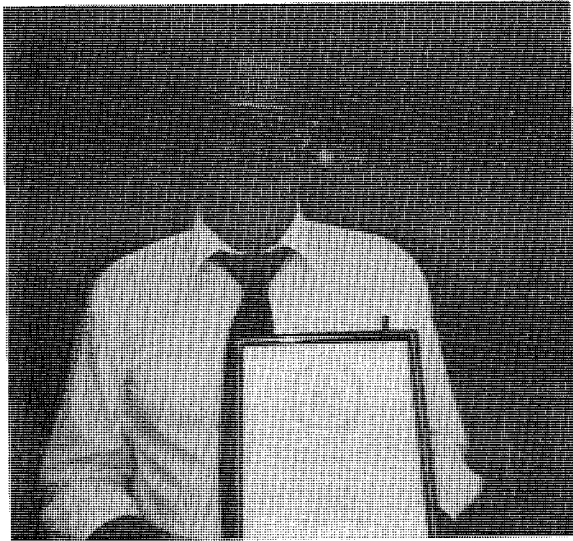
Gross is not the only local weather observer to have received the Holm Award. Paul Burman, the weather observer in Wakefield for over 30 years, was given the Holm Award in 1978. He also received the Jefferson Award in 1987 as one of the top five observers in the country.

Gross credited his fellow workers at the bank for their assistance and his wife for helping with the readings when he is gone. When they are both out of town, their neighbor, Albert Gamble, fills in as the "official assistant weather observer," said Gross.

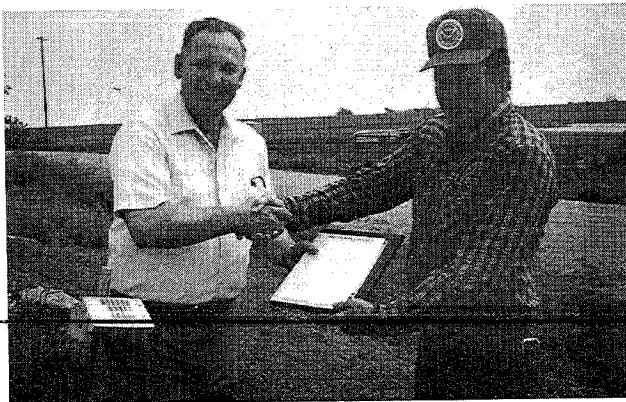
CENTRAL REGION



A 10-YEAR SERVICE AWARD was presented to DON IRVINE, ST. MICHAEL, NE, by Billy Ousley, (left) Quality Control, Kansas City, MO. Also attending was Tom Sinclair.



DAN FRERICHS, GOTHENBURG, NE, was presented a 10-YEAR AWARD by Mike Elias, CPM/GLD.



JOHN RAMSEY, DAWSON, NE, was presented a 10-YEAR SERVICE AWARD by George Matuella (left). Also attending was Tom Sinclair.



CHET ANDERSON TO STEP DOWN AS WEATHER OBSERVER FOR AREA, AFTER 10 YEARS ON JOB.

CHESTER ANDERSON was presented a 10-YEAR SERVICE AWARD on October 5, 1992 by David Theophilus, Nebraska Area manager for the National Weather Service (NWS). Also, in attendance were Tom Sinclair, NWS Regional Cooperative Program Manager from the Central Region Headquarters in Kansas City and Terry Landsvork, NWS Cooperative Program Manager for Nebraska.

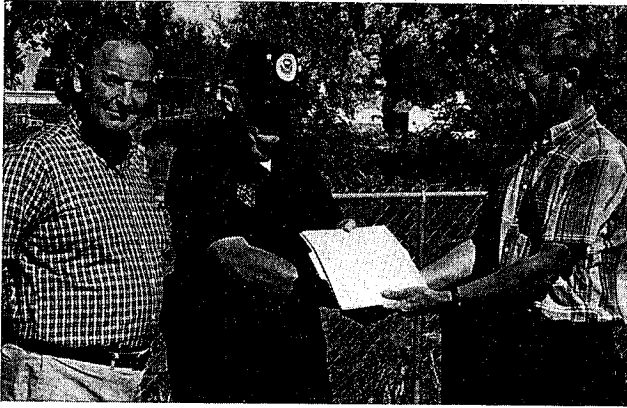
Mr. Anderson has been the official weather observer for ATKINSON since September of 1982. He has willingly devoted time and effort to the recording and reporting of daily maximum and minimum temperatures and precipitation amounts. Later this month, he will retire and hand over observing duties to his son, Clayton.

The data provided by observers is used extensively by the National Weather Service, the State Climatologist Office and numerous others in the public and private sectors. The information becomes a permanent part of the climatic record and includes a variety of weather elements such as precipitation, temperature, evaporation, river water level, and severe weather occurrences.

Ten Year Certification -- Chet Anderson was given a 10-year Service anniversary award for the National Weather Service Monday. Mr. Anderson is retiring later this month, and will hand the observing duties on to his son, Clayton. Mr. Anderson's weather information is carried weekly in The Graphic.

Photo (left to right): Tom Sinclair; Chester Anderson; David Theophilus, NWS Area MGR for Nebraska, WSFO/Omaha; and Terry Landsvork.

CENTRAL REGION



LOVE RECEIVES WEATHER SERVICE 10-YEAR AWARD

JOHN LOVE was presented a **10-YEAR SERVICE AWARD** from the National Weather Service last Wednesday at his home in **WATERLOO**.

Making the presentation were George Matuella, Supervisory Meteorological Technician, and Terry Landsvork. Also on hand during the presentation was Roy Osugi, Hydrologist.

Love has been the official weather observer for Waterloo since June 1, 1982.

"He has devoted time and effort to the recording of climatic conditions throughout these past 10 years," Landsvork said.

Since August 1, 1987, John has shared the observing duties with his son, Charles.

The National Weather Service uses the information received from the Loves' precipitation and river observations for environmental and flood forecasting activities.

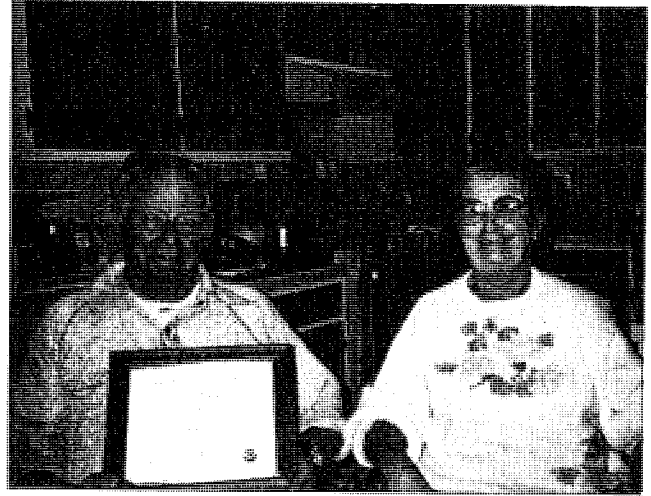
There are over 11,500 volunteer cooperative weather observers throughout the United States. "Their observations are the backbone of the United States climatology program," Landsvork said.

"The Department of Commerce, the National Oceanic and Atmospheric Administration and the National Weather Service greatly appreciate this service, and extend their congratulations to John H. Love for a job well done," he added.

Waterloo resident John Love (middle) received a **FRAMED SERVICE CERTIFICATE** and a **SERVICE PIN** for **10 YEARS SERVICE** recording and reporting weather elements to the National Weather Service office in Omaha. Presenting the award are George Matuella, (left), and Terry.



REX LIEDTKE, GRESHAM, NE, was presented a **5-YEAR AWARD** by Tom Sinclair.



MR. & MRS. GENE MATHESON, COMSTOCK, NE, were presented a **5-YEAR SERVICE AWARD** by Tom Sinclair. Gene is an avid gardener. He raises 2-pound potatoes.



NEAL VAN WINKLE, PLATTSMOUTH, NE, was presented a **5-YEAR SERVICE AWARD** by George Matuella (left). Also attending was Tom Sinclair.



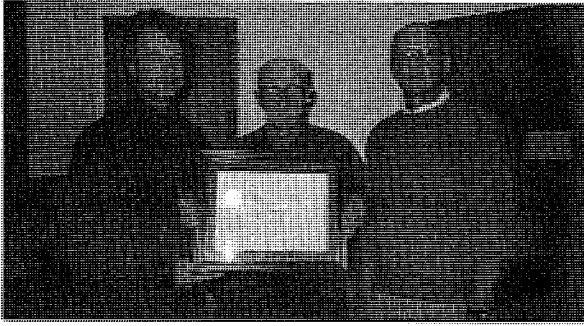
A **25-YEAR INSTITUTIONAL AWARD** was presented to the **REFUGE STAFF** at **KENMARE 1 WSW, ND. DES LACS NATIONAL WILDLIFE REFUGE, ND**.

Pictured (left to right): Janet Leet, Office Automation Assistant; Dan Severson, Refuge Manager; and Edie Goettle, Refuge Assistant.

This station takes daily maximum/minimum temperatures and daily precipitation.

Picture and presentation were made by Vern Roller, CPM, WSFO, Bismarck, ND.

CENTRAL REGION



MRAZ HONORED FOR 41 YEARS OF SERVICE

PAUL MRAZ of **DUPREE, SD**, was honored on Wednesday, November 18, with the **National JOHN CAMPANIUS HOLM AWARD** presented to him by Greg Harmon and David Olkiewicz.

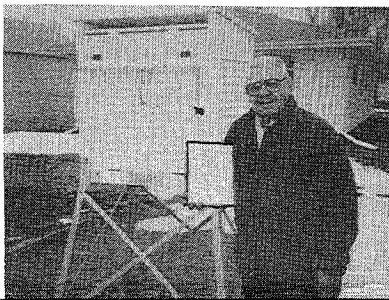
This is a very prestigious award given by the United States Department of Commerce, National Oceanic and Atmospheric Administration given to Paul for his **41 YEARS** of dedicated service and outstanding accomplishment in the field of meteorological observances in the tradition of John Campanius Holm, earliest known systematic weather observer in North America, who at that time, made records of the climate without the use of instruments in 1644-1645.

This award was created in 1959 by the National Weather Service to honor volunteer observers for outstanding accomplishment. There are 11,000 stations nationally in the Cooperative Weather Program and out of the 25 awards presented annually, only two were awarded in the state of South Dakota this year. They were awarded to Paul Mraz and Roy Furest of White River.

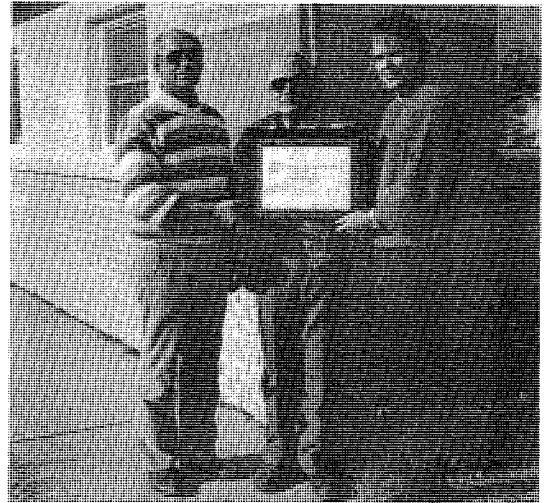
Records furnished by Paul Mraz during the past 41 years have made a significant contribution to the knowledge of the climate of South Dakota and the United States. The success of the climatological program is due in great measure to conscientious citizens like Paul Mraz.

The data Paul takes weekly is mailed to Sioux Falls on a monthly basis, then forwarded to the National Climatic Data Center, Asheville, NC, and published as official records for Dupree. The information is also forwarded to State Climate Control in Brookings, SDSU. The data is used to compute normal weather and extreme temperature and precipitation data for Dupree.

Paul has been keeping daily records 365 days a year since June 1951. He is to be commended for a job well done.



CARL RADKE from the **UNDERWOOD, ND** Cooperative Weather Station is pictured with his recent **10-YEAR LENGTH-OF-SERVICE AWARD**. Carl takes daily maximum/minimum temperatures and daily precipitation readings. Carl's son backs him up once in awhile and they keep an excellent record. Many thanks to the Radke family. Picture and presentation by Vern Roller.



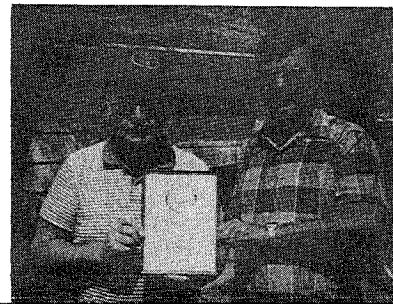
WHITE RIVER - **ROY FUREST** of **WHITE RIVER** recently received the **JOHN CAMPANIUS HOLM AWARD** for meteorological observations for the National Weather Service (NWS).

The award was created in 1959 by the NWS to honor volunteer observers for outstanding accomplishments in the field. The award is named for a Lutheran minister who was the first person known to have taken systematic weather observations in the American Colonies. He recorded the weather without the use of instruments in 1644 and 1645 near what is now Wilmington, DE.

Roy has been an observer for over 40 years. His data is sent to the National Weather Service in Sioux Falls on a monthly basis. It is then forwarded to the National Climatic Data Center in Asheville, NC, where it is published as official records for the Cedar Butte area. The data is used to determine temperature and precipitation as well as climate study for South Dakota.

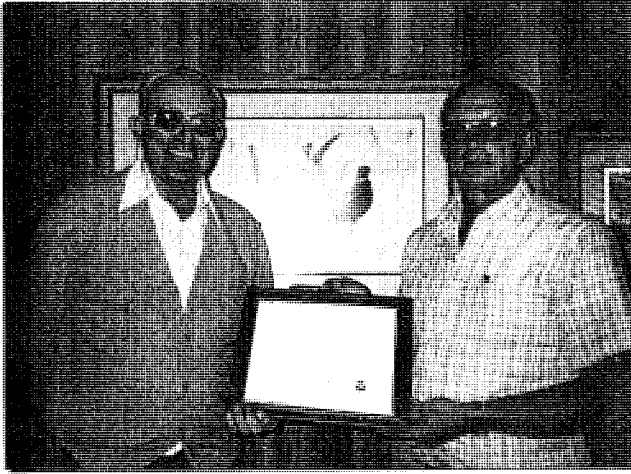
Roy also reports into a national computer system on a daily basis. This data is used in a weekly agricultural forecast throughout the year.

Roy Furest of White River (center) received the John Campanius Holm award for meteorological observation from National Weather Service Area Manager Greg Harmon and Cooperative Program Manager David Olkiewicz. The award was presented "In appreciation for your service to the National Weather Service in taking and reporting observations, often under hazardous weather conditions for more than 40 years," (Karen Week photo)



Pictured at left is **LAWRENCE RENNER**, severe weather spotter and river observer, **ALMONT, ND**. Lawrence has been helping out the NWS for 10 YEARS as the **OBSERVER** on the **BIG MUDDY AT ALMONT AND THE HUART RIVER AT LARK 10 N**. He is also Emergency Service Director at Almont and a rural mail carrier. At right is Vern Roller. Picture by Dewey Jobe, forecaster, WSFO Bismarck, ND.

CENTRAL REGION



MEL GEIST, EUREKA'S, official weatherman, received an award Monday from the U.S Department of Commerce. This special award stated that the "SPECIAL SERVICE AWARD was given in recognition and appreciation of significant services rendered for the National Weather Service for the PAST 15 YEARS." Presenting the award was David W. Olkiewicz.



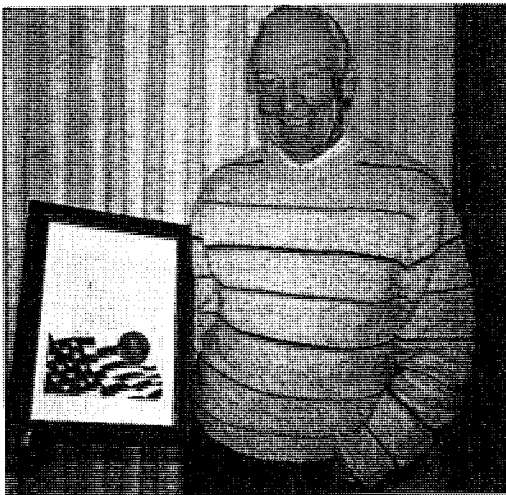
TONY SMETANA accepted the 50-YEAR INSTITUTIONAL AWARD for the WASTE WATER TREATMENT PLANT, BLACK RIVER FALLS, WI, from Roland Friedrick.



REX AND RUTH WINTER, ARMOUR, SD, were presented a 10-YEAR LENGTH-OF-SERVICE AWARD by David Olkiewicz.



AL WAGNER, SOUTH PELICAN, WI, was presented a 40-Year LENGTH-OF-SERVICE AWARD by Roland Friedrick.



CHARLES H. LEWIS, BEAVER BROOK, WI, was presented his 50-YEAR SERVICE AWARD by Roland Friedrick, CPM/MKX.



JOHN G. MOSHER JR., RIVER FALLS, WI, accepted his 30-YEAR AWARD from Roland Friedrick.

CENTRAL REGION



Peter Ellias of WISCONSIN'S COPPER FALLS STATE PARK accepted a 25-YEAR INSTITUTIONAL AWARD from Roland Friedrick.



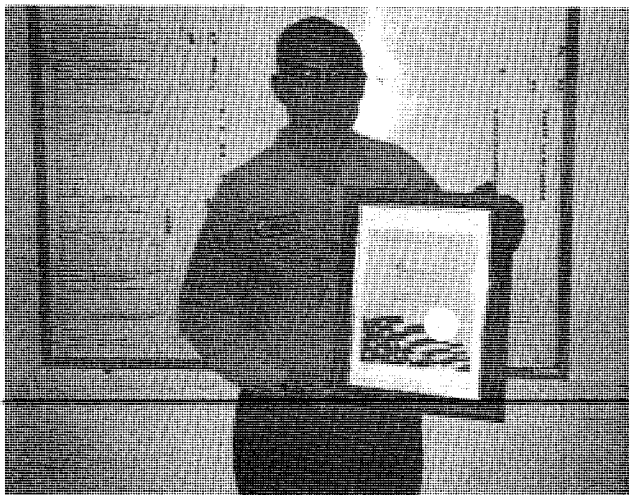
EDWARD KARNOPP, STEUBEN 3 NE, WI, accepted his 20-YEAR AWARD from Roland Friedrick.



LEONARD BUCHANAN, OWEN, WI, was presented a 20-YEAR LENGTH-OF-SERVICE AWARD by Roland Friedrick.



LOUIS KNUDSON, GALESVILLE, WI, accepted his 20-YEAR SERVICE AWARD from Roland Friedrick.



HERBERT L. JONES, Superintendent of the Wastewater Treatment Plant, PORTAGE, WI, accepted his 20-YEAR AWARD from Roland Friedrick.

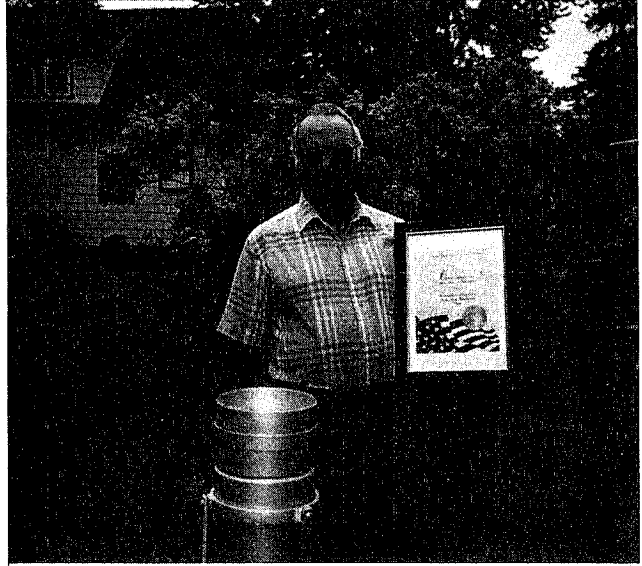


LANOY G. PRINE, DARLINGTON, WI, was presented a 20-YEAR AWARD by Roland Friedrick.

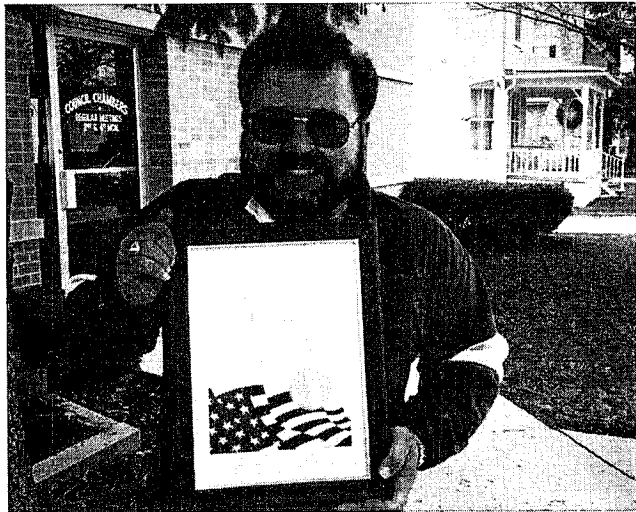
CENTRAL REGION



ANNIE M. PRUDLICK, STRUM 4 S, WI, was presented her **20-YEAR SERVICE AWARD** by Roland Friedrick.



CHARLES HAUGEN, MONDOVI, WI, accepted a **10-YEAR AWARD** from Roland Friedrick.



BILL BEHLING, UNION GROVE, WI, received a **10-YEAR LENGTH-OF-SERVICE AWARD** from Roland Friedrick.



DONALD AND JODY LINK, RIDGELAND, WI, were presented a **10-YEAR LENGTH-OF-SERVICE AWARD** by Roland Friedrick.



LAVONNE BUCKMASTER, WESTBY, WI, accepted his **10-YEAR AWARD** from Roland Friedrick.



BEN WAGNER, RIPON 5 NE, WI, accepted a **10-YEAR LENGTH-OF-SERVICE AWARD FOR HIS FATHER WAYNE WAGNER,** from Roland Friedrick.

CENTRAL REGION



RICHARD J. KOZIEL, JR. and **JIM WEISHOFF**, FALL CREEK, WI, accepted their **10-YEAR SERVICE AWARD** from Roland Friedrick.



The Sheridan Press, Tuesday, October 20, 1992

MITCHELL EARNS WEATHER-SERVICE AWARD

On Monday, **CLEARMONT RANCHER J.R. MITCHELL** was presented the **HOLM AWARD** for his service to the National Weather Service and community, according to Stan Krenz, NWS official in Sheridan.

Mitchell started his career as a cooperative weather service observer in June 1954. Mitchell collects weather data at his ranch southwest of Clearmont, where he and his wife, Helen, raise registered Suffolk sheep.

According to Mitchell's records, 1977 was the wettest year on record as 21.26 inches of precipitation were recorded. The driest year was 1960 when 5.87 inches were measured.

In May 1978, Mitchell noted 8.03 inches precipitation, the highest month on record in Clearmont since he started observations. That year had the second highest total with 20.49 inches.

As of the end of September, Clearmont had received 13.81 inches. The average for the year is 14.19 inches.

The hottest average monthly high temperature was 95.5 degrees in July 1960, while the coldest average low monthly temperature was minus 13.3 degrees in December 1983, according to Mitchell's records.

A release said the Holm Award was originated in 1959 by the NWS, and is one of the top honors given to volunteer weather observers. This is a national award with selection being made at NWS headquarters in Washington, DC.

Only 25 Holm awards are given each year out of a field of 10,000 cooperative weather observers. They are given for "unusual and outstanding accomplishments" in meteorological observations.

The Holm Award was named for John Campanius Holm, a Lutheran minister who took daily observations at Fort Christina, DE, in 1644 and 1645 - the earliest known systematic U.S. weather records.

A release said that Mitchell is active in local water development, county and community politics, and local youth programs.



ALVIN JOHNSON, WHEATLAND 4 N, WY, was presented the **HOLM AWARD** by Bill Parker at a meeting of the Platte County Commissioners. Photo (left to right): Alvin Johnson and William Parker.

CENTRAL REGION

Awards were also presented to the following observers.

10 Year Individual	
Craig A. Johnson	Peterson, IA
Randy Lamprecht	Hornick 5 S, IA
Randy Wheatley	Adair, IA
20 Year Individual	
John W. Ebert	Hancock, IA
(Note this corrected spelling of last name)	
Bob Zimmerman	Onawa, IA
30 Year Individual	
Wayne Helwig	Bussey 3 WNW, IA
25 Year Institutional	
Radio Station KILR	Estherville 2 N, IA

CENTRAL REGION



"I've been interested in weather for a good long while," Bruce says, "and one of the reasons I'm interested in Big Piney is because it's one of the coldest spots in the nation."

Bruce spent 33 of his 35 years in Kansas City, but he says his heart was always in the country. "I have never been a city person. I never will be."

His job went kaput due to budget cuts. "At first, I looked at that as a disaster," he says, "but now I look back in retrospect and it's the best thing that ever happened to me, because I wouldn't be sitting on this back step right now if it hadn't been for that."

The Sievers moved to Laramie where they lived for a year before relocating to Big Piney. Bruce works for Timberline Log Furniture full time. He lives in Big Piney with his wife Bess and his four children. He has a geography degree. "I've been a map-maker for several years."

In the family's backyard are two -- well, "things" is the scientific term -- provided by the National Oceanic and Atmospheric Administration. One is used to measure precipitation, the other measures high and low temperatures over the course of a day. Both are monitored inside the house.

Bruce compiles the readouts from the instruments daily and files reports with the Cheyenne NOAA satellite office monthly. He is one of many "cooperative observers," volunteers who provide such information from all over the nation because they like doing it. The reports, from Big Piney, Pinedale, Boulder, Cora, Bondurant, Daniel, Farson, LaBarge, and other tiny towns, supplement information from larger cities where permanent weather stations are located.

"I've been looking at climatological data ever since I was a kid," Bruce says. It's a good bet he'll keep it up for a long time to come.

WEATHER WATCHER LIKES "ICEBOX OF THE NATION"

("Pinedale Roundup", Laramie, WY.)

Ken Rand

Can you imagine somebody moving to Big Piney--"The Ice Box of the Nation"--because he likes the weather? Meet Bruce Sievers, of Kansas City, but more recently of Laramie, which wasn't cold enough for him.

No skier, snowmobiler, or rancher in Wyoming will be happier to see the first snowflake of the season than Bruce. He'll watch that snowflake flutter from the sky into that scientifically calibrated "thing" in his backyard and then, with great satisfaction -- measure it.

Bruce Sievers stands by a device used to measure precipitation.

Ken Rand photo

CENTRAL REGION
-- 100th ANNIVERSARY --



March 1992

COOPERATIVE WEATHER STATIONS RECEIVE HONORS

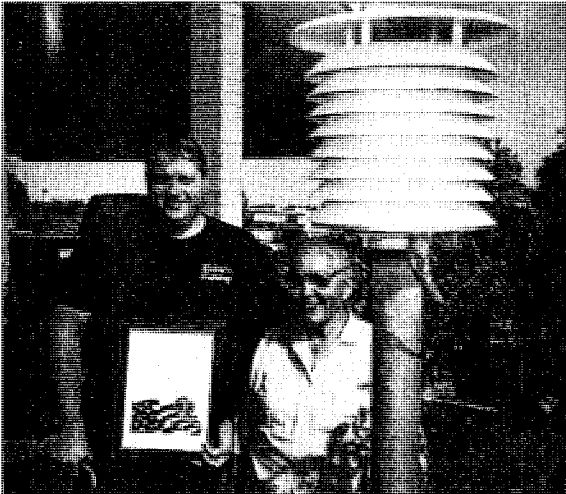
Four Wyoming Cooperative Weather Stations received recognition last fall for their 100 or more years of service. Heading the list of Wyoming's centennial stations receiving the honor is **YELLOWSTONE NATIONAL PARK HEADQUARTERS WHERE RECORD KEEPING STARTED IN 1886, FOLLOWED BY EVANSTON I E IN 1889, and SHERIDAN FIELD STATION WHICH FOLLOWED IN 1891.** The **UNIVERSITY OF WYOMING ROUNDS OUT THE CENTENNIAL LIST FOR LONG-TERM PARTICIPATION.** Award ceremonies were held at each location. Bill Parker, meteorologist in charge and area manager for the National Weather Service; Victor Hasfurther, state climatologist, associate director of WWRG and professor of civil engineering at the University of Wyoming; and Ray Kowrach, National Weather Service Cooperative Program manager for Wyoming, presided at each of the recognition ceremonies. Each program included a presentation on the Wyoming Cooperative Weather Program and the climate of Wyoming. Other long-term stations and their outstanding

volunteers also received recognition at these ceremonies.

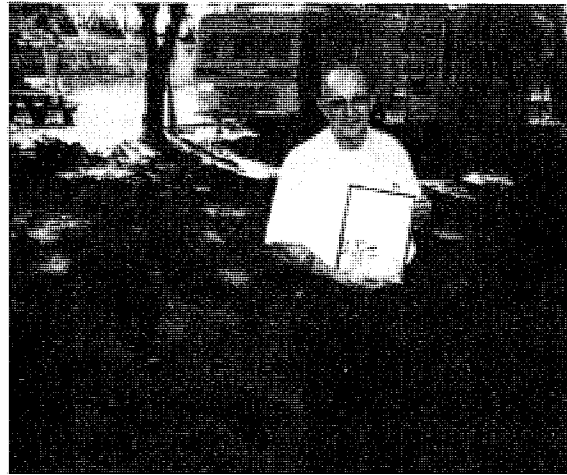
A wide range of citizens, many of them farmers, ranchers, teachers, homemakers, students, and retired citizens, have formed the vast corps of volunteers, operating 174 weather stations in Wyoming. Over 10,000 volunteers across the nation monitor stations, which are generally 25 miles apart. They report daily, weekly, and monthly to the National Weather Service on data such as daily temperature, precipitation, snowfall, evaporation, river levels, and soil temperature. This data is made available to the public and archived as part of the nation's historic climatologic record. The record also serves as a basis for the study of global climate change and prediction of long term patterns.

The U.S. Department of Commerce National Weather Service developed the recognition program as part of a national effort to commend its volunteers in the Cooperative Observing Program. The Department of Agriculture, the American Meteorological Association, and the Association of State Climatologist also contributed to this effort.

WESTERN REGION



THE BINNER FAMILY, CHANDLER HEIGHTS, AZ, received a **40-YEAR LENGTH-OF-SERVICE AWARD**. Shown are Walter Nash and his mother, Betsy Binner Nash. Walter is also a severe storms spotter for the NWS.



R.H. PELHAM, LOS MOLINOS, CA, was presented a **20-YEAR LENGTH-OF-SERVICE AWARD** for **SERVICE** at the **TEHEMA BRIDGE**. "Cap" Pelham, a retired Vice-Admiral with the U.S. Navy, runs a resort on the Sacramento River where salmon fishing is the number one attraction.



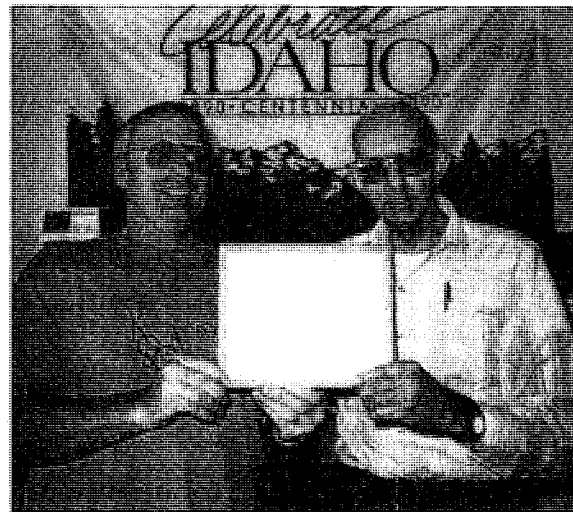
BULLHEAD CITY FIRE DEPARTMENT, BULLHEAD CITY, AZ, received A **SPECIAL SERVICE AWARD**. Captain Ken Fovargue (right) and Willie Aguayo (left), accepted the award on behalf of the entire crew.



GENA NEWPORT, OBSERVER, ARBON, ID, received a **30-YEAR LENGTH-OF-SERVICE AWARD** from Bob Glodo, NWS Official in Charge, Pocatello office.



LOUISE HALLBERG, GRATON, CA, received the **JOHN CAMPANIUS HOLM AWARD**. In addition to running an apple farm, Louise shares her love of nature and meteorology with the children of the nearby Oak Grove School. The children tour her farm every year and learn how weather data is collected.



RADIO STATION KSRA, SALMON, ID, received a **25-YEAR INSTITUTIONAL AWARD** which was accepted by **OBSERVERS LEO MARSHALL (left) and BLAIR SMITH.**

WESTERN REGION



BILL ETTER (LEFT), PILOT ROCK 1 SE, OR, received the **JOHN CAMPANIUS HOLM AWARD** for distinguished service as an observer for many years. The award was presented by George Miller, NWS Area Manager, Oregon.



The **OREGON DEPARTMENT OF FISH AND WILDLIFE** received an **INSTITUTIONAL AWARD FOR 25 YEARS OF SERVICE AT SAUVIES ISLAND**, site of a wildlife refuge 10 miles northwest of Portland, OR. Bill Kinyoun (left) accepted the award which was presented by George Miller. Unavailable for the photograph was **RAY JOHNSON**, who has been the **PRINCIPAL OBSERVER AT SAUVIES ISLAND** for much of the time.



JANE FORSYTHE, BOZEMAN 12 NE, MT, received a **40-YEAR LENGTH-OF-SERVICE AWARD**. Since 1952, Jane has kept daily records of the high and low temperatures and amounts of precipitation at her home near the base of the Bridger Bowl Ski Area.



HARRIET GARDENER, LAKE CREEK 3 NE, OR, received a **20-YEAR LENGTH-OF-SERVICE AWARD** from CPM Clint Jenson on behalf of the NWS. Harriet and husband, Victor, have a small ranch 20 miles from Medford.



VICTORIA FARR, LEWISTOWN 10 S, MT, received a **30-YEAR LENGTH-OF-SERVICE AWARD**. She has kept careful records of precipitation at her Fergus County home.

Other Awards Presented in the WESTERN REGION

<u>Observer</u>	<u>State</u>	<u>Years</u>
Potlatch Forest, Inc.	Idaho	25
Elmer T. Bennett	Idaho	20
Blanche S. Zollinger	Idaho	20
Ed Bandel	Montana	10
Rosemary Blaney	California	10
Charlotte Callow	Idaho	10
Harry L. Locatelli	California	10
Jan Sherrill	California	10



Photograph of 1993 Cooperative Program Manager (CPM) class.

The front row: Tom Sinclair, Central Region Cooperative Program Manager, Kansas City, MO; Bob Daniel, CPM-Instructor; John Newkirk, Data Acquisition Program Manager, NWS Forecast Office, Sterling, VA; Thomas Schmidt, new Cooperative Program Manager, WSFO Buffalo,

NY; Eugene Van Cor, new CPM, WSFO San Diego, CA; Charlie Ridge, Instructor, retired Cooperative Program Manager for the Southern Region.

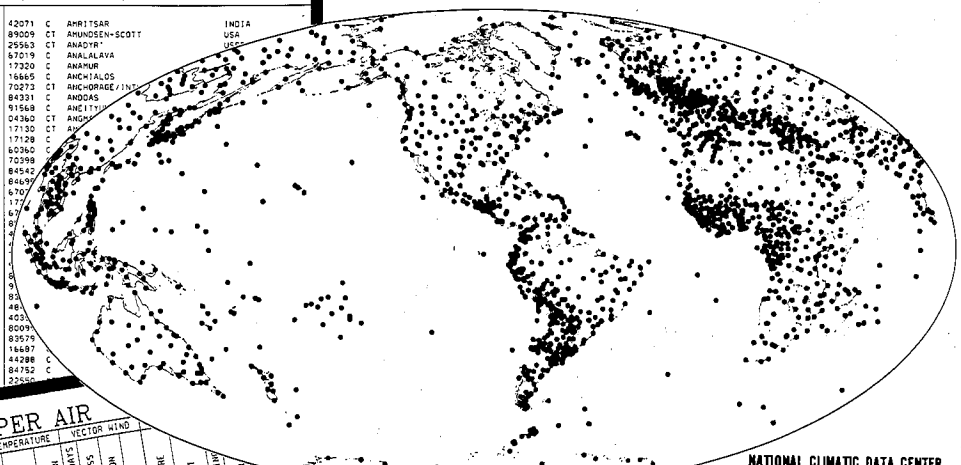
The back row: Larry Arnold, our returning ex-CPM, WSFO Jackson, MS; Robert Drummond, new CPM, WSFO Atlanta, GA; William Nelson, new CPM, Romeoville WSFO, IL; and Greg Painter, new CPM, WSFO/Topeka. We wish you all - the best!

USCOMM-NOAA-ASHEVILLE, N.C.-1993-11,300

CLIMATIC DATA STATIONS - WORLDWIDE

STATION LIST WMO PUB 9 VOL 4

41246 C	ISOHARI MAJIS	OHAN	INDIA
40851 C	ABADAN	IRAN, ISLAMIC REP	USA
74009 C	REBSHIRE	JAPAN	USA
71108 C	ABBOTSFORD, B. C.	CANADA	USA
64756 C	ABECHE	CHAD	
03091 C	BEKES/BE/DBCE	U. KINGDOM	
41112 C	ABHA	SAUDI ARABIA	
65578 CT	ABIDJAN	COTE D'IVOIRE	
72286 C	ABILENE, TX.	USA	
41216 C	ABU DHABI BATEEN AIRPORT	U. ARAB EMIRATES	
41217 CT	ABU DHABI INTL AIRPORT	U. ARAB EMIRATES	
62840 C	ABU MHEDI	SUDAN	
62795 C	ABU NA'AMA	SUDAN	
78650 C	ACAJUTLA	EL SALVADOR	
78805 C	ACARULCO, GRO.	MEXICO	
80427 C	ACARIQUA	VENEZUELA	
17352 CT	ADANA	TURKEY	
60450 CT	ADDIS ABABA	ETHIOPIA	
94672 CT	ADELAIDE AIRPORT	AUSTRALIA	
41467 C	ADEK AHOMKARSAR	DEM. YEMEN	
65585 C	ADISABE	COTE D'IVOIRE	
80620 C	ADRAR	ALGERIA	
76679 CT	AEROP. INTL. MEXICO, D.F.	MEXICO	
76644 CT	AEROP. INTL. MERIDA, YUC.	MEXICO	
76294 T	AEROP. INTL. MONTERREY, N.L.	MEXICO	
87582 C	AEROPARQUE	ARGENTINA	
17190 C	AFYON	TURKEY	
61026 C	AGADEZ	NIGER	
62250 C	AGADIR	MOROCCO	
61974 C	AGALEGA	MAURITIUS	
40261 C	AGRA	INDIA	
14672 C	AGRIKONW (AIRPORT)	GREECE	
42647 CT	AHMADABAD	INDIA	
60580 C	AIN SEFRA	ALGERIA	
61499 C	AISON EL ATROUSS	MAURITANIA	
07761 CT	AJACCIO	FRANCE	
31168 C	AJAN	INDIA	
17184 C	AKHAYAR	INDIA	
47582 CT	AKITZ	INDIA	
61877			



NATIONAL CLIMATIC DATA CENTER



ASIA-JAPAN

LEVEL	TEMPERATURE	VECTOR WIND	LEVEL	TEMPERATURE	VECTOR WIND
MISSING DATA	MEAN	DIRECTION	MISSING DATA	MEAN	DIRECTION
030	226.4	11	030	226.4	11
100	15.8	11	100	15.8	11
200	15.8	11	200	15.8	11
300	15.8	11	300	15.8	11

EUROPE-NORWAY

STATION	LATITUDE	LONGITUDE	ELEVATION	DATE OBS.	MEAN	MIN	MAX	LEVEL	MEAN	DEW POINT	TEMPERATURE	VAPOR PRESSURE	PRECIPITATION	SUNSHINE
7056N 00846E	70.56	8.46	1000.0	1002.7	-10.3	2.1	1.0	AS	ND	ND	ND	ND	ND	ND
7815W 01528E	78.15	15.28	1000.0	1002.7	-10.3	2.1	1.0	AS	ND	ND	ND	ND	ND	ND

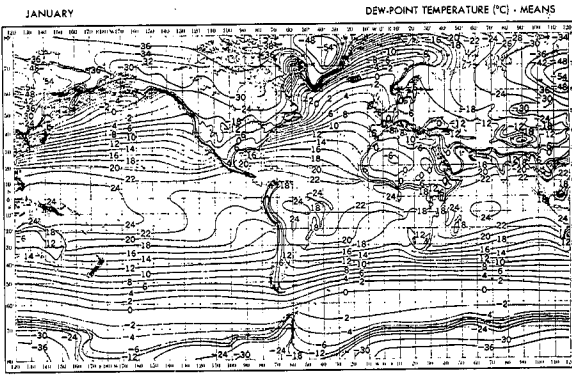
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MONTHLY CLIMATIC DATA FOR THE WORLD

PREPARED IN COOPERATION WITH THE
WORLD METEOROLOGICAL ORGANIZATION



MONTHLY CLIMATIC DATA for the WORLD (MCDW) is a publication of monthly summaries of climatic data from around the world. Data are prepared by Members of the World Meteorological Organization for selected stations and exchanged via the Global Telecommunications System in coded format.

Tables of both Surface and Upper Air data are presented. Surface data tables contain elements of pressure, temperature, vapor pressure, precipitation, and sunshine. Upper Air tables contain geopotential heights, temperatures, dew point depressions, and vector winds for ten selected pressure levels between the surface and thirty millibars (hectopascals). A Station List is also provided which, in the January and July editions, contains all stations authorized for publication. In other months the list contains only those stations from which data no more than two months old have been recently received.

Currently, world maps of long term mean temperatures, dew points, and sea level pressures are included on the cover of the MCDW. The maps are generally representative of conditions during the 1950's to mid-1970's, however some data may be from as early as the 1850's.

SHELF STOCK of the printed publication is maintained only for the most recent three years. Earlier years are available on microfiche or paper copies reproduced from microfiche. The data are also available in digital form on magnetic tape and diskette.

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Kenneth D. Hodler
DIRECTOR
NATIONAL CLIMATIC DATA CENTER

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