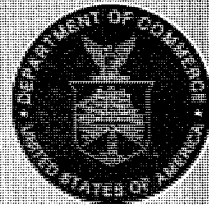


The National Cooperative Observer



Winter 1996 - Summer 1998

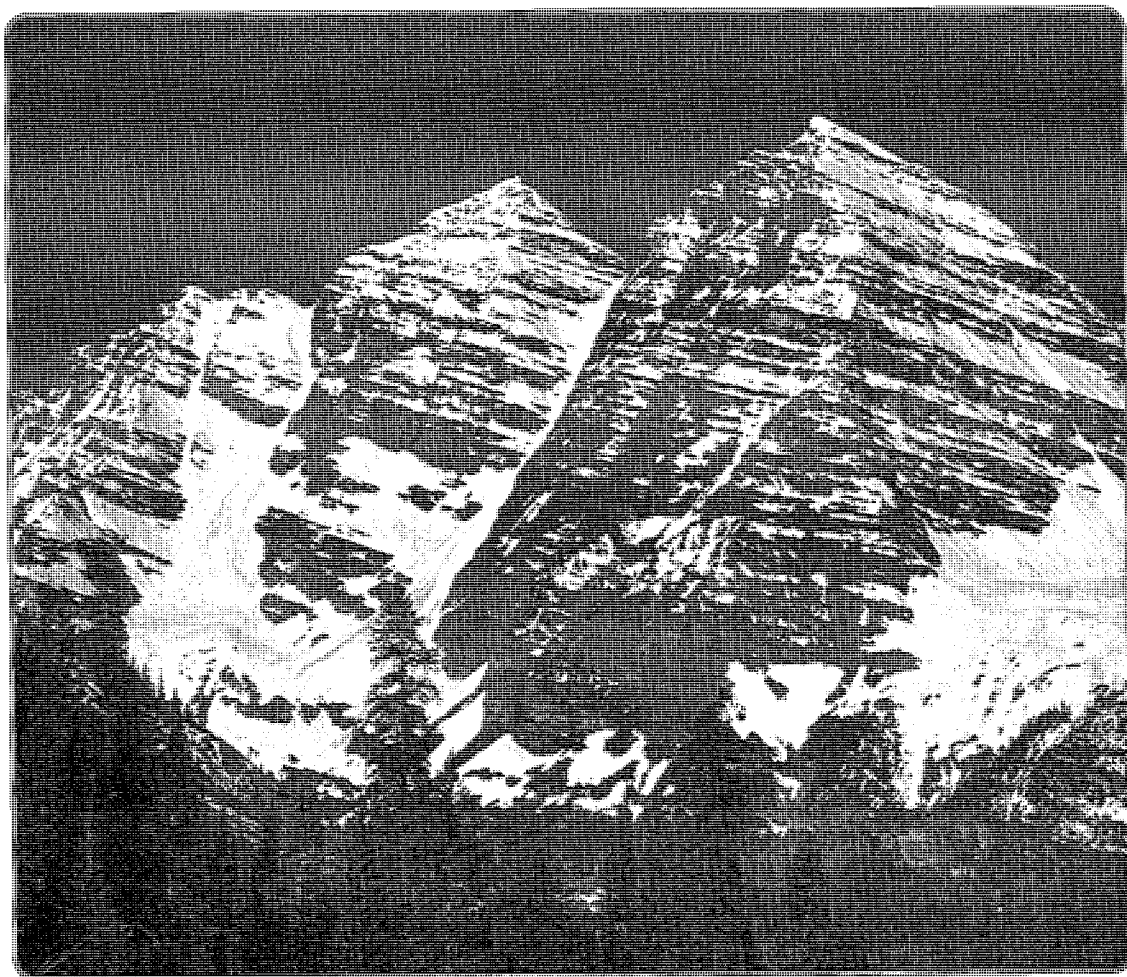
Volume 15 - 21

Number 4

Eastern Region

Southern Region

Central Region



Alaska Region

Western Region

Pacific Region

noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

THE NATIONAL COOPERATIVE OBSERVER

*National Climatic Data Center
Publication Staff: Steve DelGreco, and the Orkand Staff,
Alexander Radichevich, NWS Coordinator*

Dear Cooperative Observer,

Greetings from the National Climatic Data Center (NCDC) in Asheville, North Carolina. The National Climatic Data Center is the official archive for weather data for the United States and is a part of the National Oceanic And Atmospheric Administration. I recently became the new editor of the National Cooperative Observer and on behalf of the center I would like to personally thank all of the Cooperative Observers for their invaluable contribution to the national weather database.

While looking through the National Cooperative Observer files, I found discrepancies in processing, timeliness and sequence of quarterly publications. Therefore, I have decided to publish one issue covering the remaining three quarters of 1996/1997 season and all four quarters of the 1997/1998 season. This includes; Winter 1996, Spring 1997, Summer 1997 and the 1997/1998 season starting with the Fall 1997 and ending with Summer 1998. The Fall 1998 through Summer 1999 season will resume with four quarterly publications.

I apologize for any inconveniences; however, this is a necessary step towards getting the National Cooperative Observer back on track.

Thanks again for your contribution to one of America's most important national volunteer programs.

Stephen Del Greco
Stephen Del Greco
National Climatic Data Center
Data Operations Branch
151 Patton Avenue, Rm 120
Asheville, NC 28801-5001

NATIONAL COOPERATIVE OBSERVER is prepared, funded, and distributed by the National Oceanic and Atmospheric Administration (NOAA) and is provided free of charge to Cooperative Observers.

The publication staff of **NATIONAL COOPERATIVE OBSERVER** welcomes your help in acquiring stories concerning experiences by cooperative observers and significant weather events. We request our observers to mail such items to the address above.

Any such items received by the editor will be for use in the **NATIONAL COOPERATIVE OBSERVER** only. Any other use will be with permission of the owner of said items. Materials submitted will be returned if requested.

NOTE: No submissions were received from the Alaska Region

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About the cover: June photo of the "Maroon Bells", located fourteen miles northwest of Aspen, CO. The twin "Bells" rise to 14,156 feet above sea level.

CENTRAL REGION

JOHN CAMPANIUS HOLM AWARD



LOIS G. LUBIENS (center), observer, **FULLERETON 1 ESE, ND**, was presented the **JOHN CAMPANIUS HOLM AWARD** by Jim Fors (left), Meteorologist In Charge/Area Manager, Weather Service Forecast Office Bismarck, ND, and Vern Roller (right) Hydrometeorological Technician/Cooperative Program Manager, Bismarck. Also present were Len Peterson, Data Acquisition Program Manager, and Dan Markee, Hydrometeorological Technician/Cooperative Program Manager, Weather Service Forecast Office Bismarck, ND. Several of the Lubien's family, friends, and neighbors were present for the presentation at the Lubien's farmstead.

JOHN CAMPANIUS HOLM AWARD



RUSSELL PIERSON (right), observer, **LAMAR, MO**, received the **JOHN CAMPANIUS HOLM AWARD** from Wally Moore (left), Data Acquisition Program Manager.

CENTRAL REGION

JOHN CAMPANIUS HOLM AWARD



Greg Harmon, Meteorologist In Charge, and Don Morin, Data Acquisition Program Manager, Sioux Falls National Weather Service presented the **JOHN CAMPANIUS HOLM AWARD** to **RADIO STATION KICD, SPENCER 1 N, IA**. KICD weather director and general manager, John Wirkler accepted the award along with several of the KICD weather staff. "Most of the Time this award goes to an individual cooperative observer," said Greg Harmon. "In fact, we believe that this may be the first institution like a radio station to receive this award, but there just isn't any documentation to prove that one way or another." The award was presented during a special Spencer Ambassadors' visit to the radio station. Picture provided by Stephanie Schroeder, "Daily Report" staff.

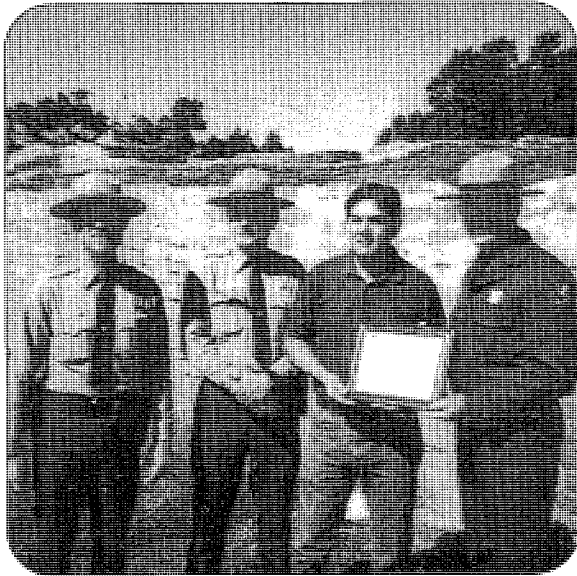
JOHN CAMPANIUS HOLM AWARD



DR. AND MRS. MORRIS A. SCHUURMANS, observers, **WAGNER, SD**, were presented the **JOHN CAMPANIUS HOLM AWARD** at the Rotary Club meeting. Donald Morin, Data Acquisition Program Manager, and David Olkiewicz, Cooperative Program Manager, presented the award. Pictured left to right: Donald Morin, Dr. Schuurmans, Mrs. Schuurmans, and David Olkiewicz. Picture by Cheryl Maneth.

CENTRAL REGION

75-YEAR INSTITUTIONAL AWARD



Mike McGinnis, Park Ranger; Charlie Peterson, Chief Ranger; and Larry T. Wise, Park Superintendent, **MESA VERDE NATIONAL PARK, CO**, accept a **75-YEAR INSTITUTIONAL AWARD** from Dio Musquiz, Data Acquisition Program Manager, Grand Junction, CO. Pictured left to right: Mike McGinnis, Charlie Peterson, Dio Musquiz, and Larry T. Wise.

EDWARD H. STOLL AWARD



LAYTON MUNSON (right), observer, **SEDGWICK 5 S, CO**, received the **EDWARD H. STOLL AWARD** from Carl Burroughs (left) of the National Weather Forecast Office, Denver, CO. Mr. Munson began taking weather observations at the Sedgwick town hall in September 1947. In November 1958, the equipment was moved to his farm, five miles south of Sedgwick.

50-YEAR INSTITUTIONAL AWARD



Al Shipe (right), Service Hydrologist/WSFO IN presented a **50-YEAR INSTITUTIONAL AWARD** to **ANDERSON WATERWORKS, ANDERSON, IN**. Chief operator, David Shields (left) accepted the award. David and his crew report daily rainfall and river stage on ROSA. The waterworks is a very important link in the hydrology program in Indiana.

SPECIAL SERVICE AWARD



Carrel Barlow (right) of National Weather Service Des Moines presented a **SPECIAL SERVICE AWARD** to **DALE HAWKINS** (left), **BROOKLYN, IA**.

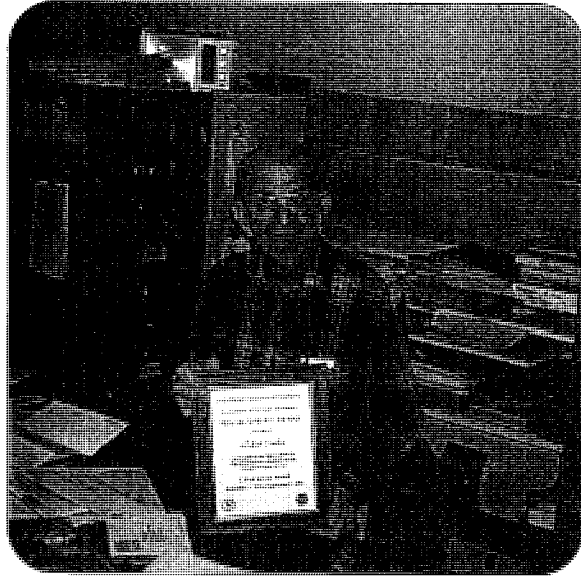
CENTRAL REGION

SPECIAL SERVICE AWARD



A **SPECIAL SERVICE AWARD** was presented to the staff of the **DENVER BOARD OF WATER COMMISSION, GRANT, CO.** The Grant River Gage sub-station on the North Fork of the South Platte River, came into service on September 23, 1963. Current observers are Dave Carpenter (left), Rusty Adrian (right), and Greg East (not pictured).

SPECIAL SERVICE AWARD



ROBERT JORDAN, observer, **OXFORD 7 NW, NE**, was presented with a **SPECIAL SERVICE AWARD** by Cindy Fay, MIT National Weather Service, Hastings.

SPECIAL SERVICE AWARD



SPECIAL SERVICE AWARDS were presented to **DUANE KIRWAN** (left), twenty-five years, **VERLYN BAKER** (center), twenty years, for work in synoptic observing and COOP duties for the **CITY OF PICKSTOWN, PICKSTOWN, SD.** The award was presented by Mike Buss (right), National Weather Service CHMT.



MARY HARDEN (right), observer, **LAKESIDE, NE**, received a **55-YEAR LENGTH-OF-SERVICE AWARD** from Kathy Butler (left), Data Acquisition Program Manager. Also present for the presentation were Ron Burns, Hydrometeorological Technician, and Mary White, Administrative Assistant, National Weather Service Office, North Platte, NE.

CENTRAL REGION



DAROLD L. SNORTUM, observer, **CANBY, MN**, was presented with a **50-YEAR LENGTH-OF-SERVICE AWARD**. Pictured left to right: Gary McDevitt, Service Hydrologist; Craig Edwards, Meteorologist In Charge; Darold L. Snortum; and Don Essler, C-Hydrometeorological Technician.



HENRY DEMBOWSKI (left), observer, **LOUP CITY 6 NNE, NE**, was presented with a **45-YEAR LENGTH-OF-SERVICE AWARD** by Larry Wirth (right), Hydrometeorological Technician, National Weather Service Hastings. Also present for the award were Steve Schurr, Meteorologist In Charge, and Marla K. Doxey, Data Acquisition Program Manager.



A **45-YEAR LENGTH-OF-SERVICE AWARD** was presented to **MR. JAMES KING**, observer, **STEPHAN 1 ENE, SD**, by Bill Tallman, Meteorologist In Charge, Aberdeen, SD. Pictured left to right: Bill Tallman; Eleanor, Mr. King's wife; and Mr. King.



HERMAN KORTHALS (right), observer, **PLATTE, SD** was presented with a **40-YEAR LENGTH-OF-SERVICE AWARD** by Don Morin (left), FSD.



DARRELL AND JOANNE HUNTER, observers, **ARDMORE, SD**, were presented with a **35-YEAR LENGTH-OF-SERVICE AWARD**. Pictured left to right: Joanne, Darrell, and David Carpenter, Meteorologist In Charge, Rapid City, SD.



DALIS PRICE (center), observer, **CHARLESTON, IL**, was presented with a **35-YEAR LENGTH-OF-SERVICE AWARD** by ILX Meteorologist In Charge, Ernie Goetsch (left), as Lillian Price (right), Dalis's wife, looks on.

CENTRAL REGION



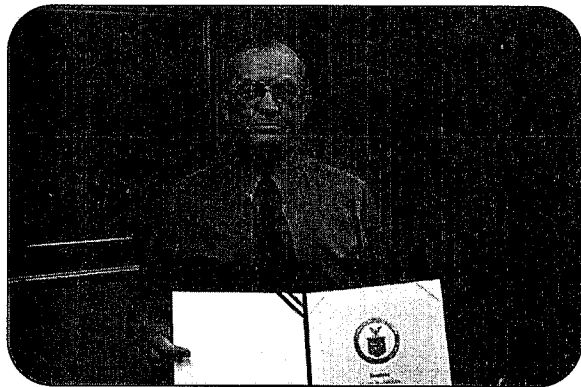
MR. ALAN P. KNIGHT, observer, **DALTON, WI**, received a **35-YEAR LENGTH-OF-SERVICE AWARD**. Mr. Knight has been taking weather observations since May 1961. The presentation was made in front of the Feed Mill in Dalton. Dalton began as an official National Weather Service Cooperative Station on January 1, 1944.



WALTER (left) **AND BETTY** (center) **IRELAND**, observers, **FLORENCE, KS**, were presented a **35-YEAR LENGTH-OF-SERVICE AWARD** by Richard H. Elder (right), Meteorologist In Charge, and Michael J. Rosner (not pictured), Cooperative Program Manager, of the Wichita National Weather Service Office.



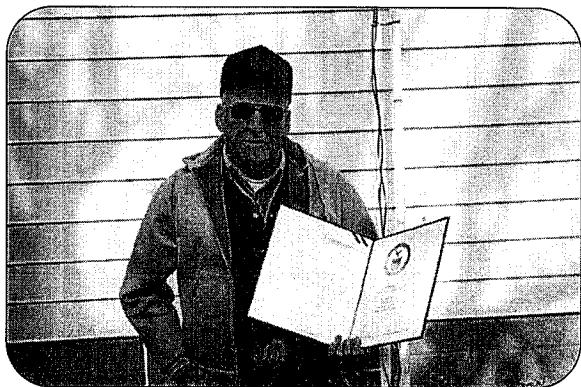
JIM AND MARTHA O'NEILL, observers, **HARRINGTON, SD**, were presented a **35-YEAR LENGTH-OF-SERVICE AWARD** by David Olkiewicz.



GLENN M. DOOLEN, observer, **KINMUNDY IL**, was presented with a **35-YEAR LENGTH-OF-SERVICE AWARD**. A conscientious observer that never fails to call in a report and the observation form is always in the weather office the first week of the new month.

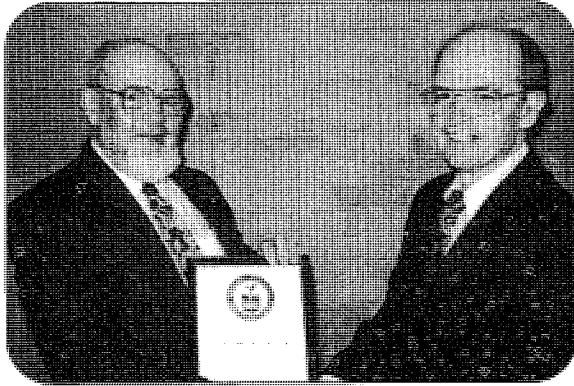


BOB SACKETT, observer, **BEAVER DAM, WI**, was presented with a **30-YEAR LENGTH-OF-SERVICE AWARD**. From left to right: Tom Olson, Mayor of Beaver Dam.; Bob Sackett; Ken Rizzo, Meteorologist in Charge; and Greg Davis, Hydrometeorological Technician.

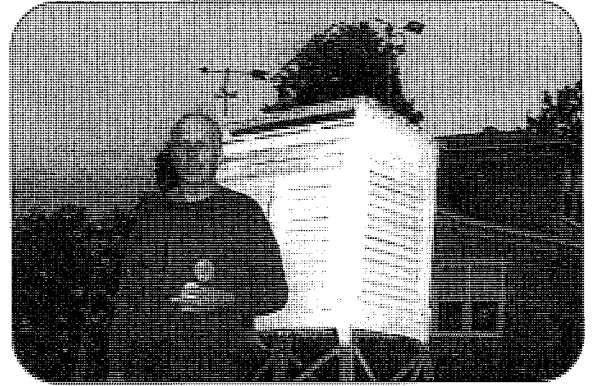


WILLIAM J. PRANGER, observer, **CARLINVILLE, IL**, was presented a **30-YEAR LENGTH-OF-SERVICE AWARD**. He has faithfully maintained the F&P for thirty years. This CPM can not recall a time when the tape has not been received on time with the correct notation.

CENTRAL REGION



GORDON E. JACKSON (left), observer, **FARM-LAND 5 NNW, IN**, was presented with a **30-YEAR LENGTH-OF-SERVICE AWARD** by John T. Curran (right), Meteorologist In Charge. In 1995, Jackson was presented the John Campanius Holm Award.



A **30-YEAR LENGTH-OF-SERVICE AWARD** was presented to **WARREN PUTNEY**, observer, **FRANK-FORT 2 NE, MI**, by Denny Fruehauf, National Weather Service Representative.



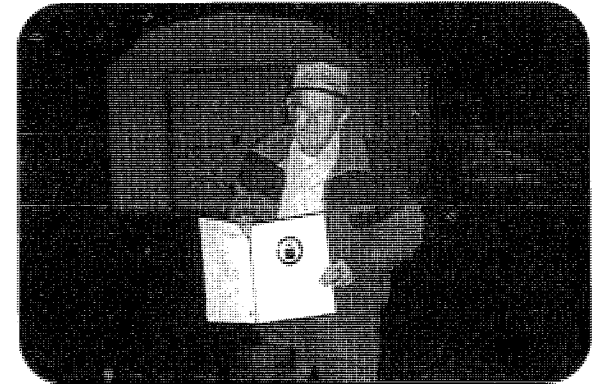
ARLEIGH JESERITZ, observer, **GRANITE FALLS, MN** was presented a **30-YEAR LENGTH-OF-SERVICE AWARD** by Gary McDevitt, Service Hydrologist, Chanhassen, MN. Pictured left to right: Gary McDevitt; Mrs. Jeseritz; Criag Edwards, Meteorologist In Charge; Mr. Jeseritz; and Don Essler, C-HMT/MPX.



VIRGINIS LEMM, observer, **REDIG 11 NE, SD**, was presented a **30-YEAR LENGTH-OF-SERVICE AWARD** by David Olkiewicz.



MR. JOSEPH T. STEIER, observer, **REEDER 13 N, ND**, with his **30-YEAR LENGTH-OF-SERVICE AWARD**. Picture and presentation by Vern Roller.



RAYMOND C. MASHEK, observer, **TROY, MO**, was presented with a **30-YEAR LENGTH-OF-SERVICE AWARD**. Mr. Mashek is a back-up river observer for the Cuivre River in East Central Missouri.

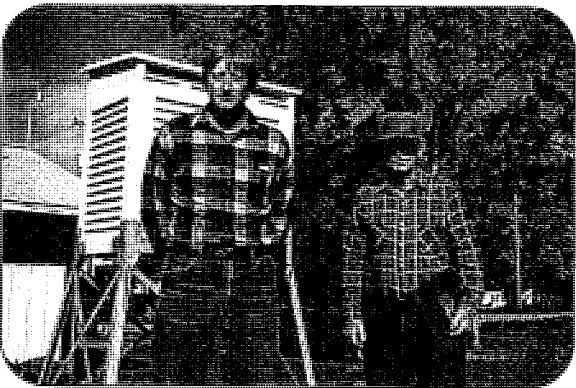
CENTRAL REGION



HENRY C. KAISER (center), observer, **VIENNA, MO**, received his **30-YEAR LENGTH-OF-SERVICE AWARD**. Also, pictured is Bernard Kaiser (left) and Frances Kaiser (right).



ROBERT M. KATUS, observer, **WATAUGA 8 N, ND**, received his **30-YEAR LENGTH-OF-SERVICE AWARD**. Pictured is Mr. Katus; his wife, Marge; and their grandchildren, Jaci and Cole Katus. The station has been in the family for forty-eight years; beginning with grandfather, John Spicer in 1950.



L. HERBERT DENISE (right), retired observer, **BOYNE FALLS, MI**, was presented an overdue **25-YEAR LENGTH-OF-SERVICE AWARD**. Mr. DeNise retired December 1, 1994. Also, pictured is William Carson (left), his successor.



HUGH LYNN, observer, **CLAY CITY, IL**, was presented with a **25-YEAR LENGTH-OF-SERVICE AWARD**.



JANET L. CONNOLLY (left), observer, **GOLDEN VALLEY 12 S, ND**, received a **25-YEAR LENGTH-OF-SERVICE AWARD** from Vern Roller (center) and Charlene Prindiville (right), Service Hydrologist.

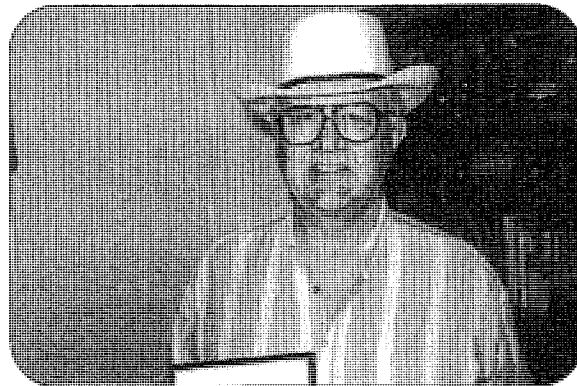


MRS. CAROLYN E. SUNDBERG (right), observer, **HAYDEN, CO**, was presented her **25-YEAR LENGTH-OF-SERVICE AWARD** by Becky Klenk (left), Hydrometeorological Technician, NWSO Grand Junction, CO.

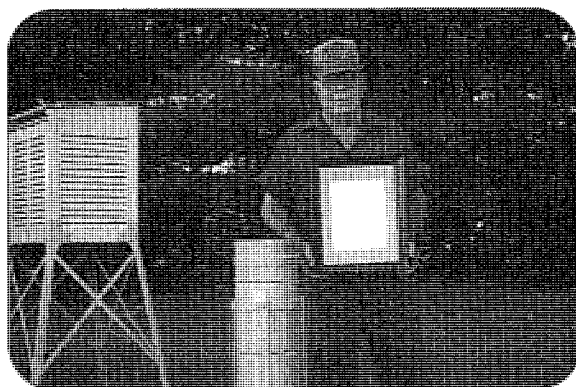
CENTRAL REGION



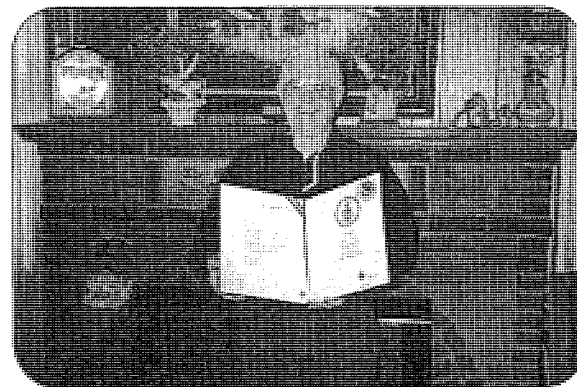
DOROTHY LEE (left), observer, **JOHNSON SIDING, SD**, was presented a **25-YEAR LENGTH-OF-SERVICE AWARD** by David Carpenter (right).



MR. JACOB T. BARNHARDT, observer, **MANDEN 3 W, ND** received his **25-YEAR LENGTH-OF-SERVICE AWARD** from Vern Roller and Charlene Prindiville.



DELBERT E. HEMRICH, observer, **NEWTON, IL**, was presented with a **25-YEAR LENGTH-OF-SERVICE AWARD**.



CARL C. KEELE, observer, **NOKOMIS, IL**, was presented with a **25-YEAR LENGTH-OF-SERVICE AWARD**. He maintains the stand alone F/P and the strip tapes are always received on time and he does not hesitate to notify the NWS when problems arise.

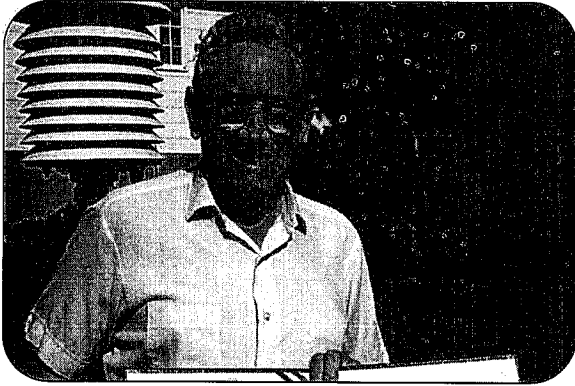


JACK F. KERSTING (left), observer, **OFFERLE 5 S, KS**, was presented with a **25-YEAR LENGTH-OF-SERVICE AWARD** by Larry Noller (right), Cooperative Program Manager/Hydrometeorological Technician, Dodge City, KS.



JOHN R. TUCKER (left), observer, **OSWEGO, KS**, was presented with a **25-YEAR LENGTH-OF-SERVICE AWARD** by Richard H. Elder and Leon F. Wasinger (right), Cooperative Program Manager, Wichita National Weather Service Service.

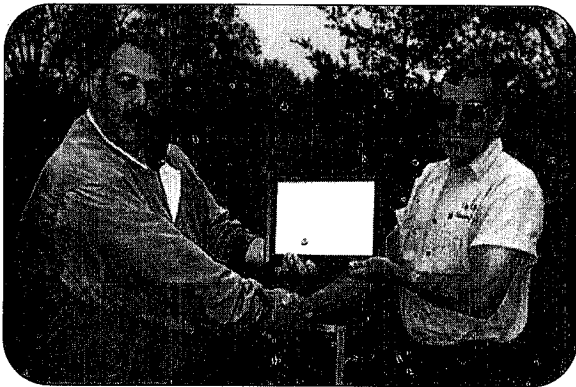
CENTRAL REGION



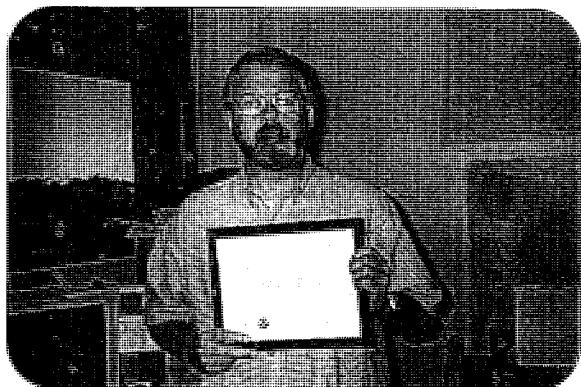
HERBERT G. MORGAN, observer, **UNION MD**, was presented with a **25-YEAR LENGTH-OF-SERVICE AWARD**. He is the holder of the John Campanius Holm Award and a top notch observer with a great back-up, his wife, Gene.



ALEXANDRIA WATER TREATMENT PLANT, ALEXANDRIA, MN, received a **25-YEAR INSTITUTIONAL AWARD** from Donald M. Essler. The award was accepted by Hank Chan.



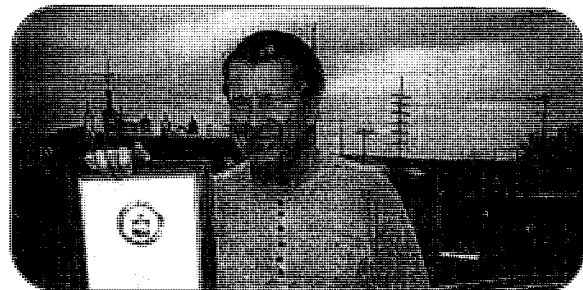
THE BLOOMFIELD WATER PLANT, BLOOMFIELD, IA, was honored with a **25-YEAR INSTITUTIONAL AWARD**. The award was presented to Joe Woolard (right) by Carrel A. Barlow (left). Not pictured was Tom Howk.



A **25-YEAR INSTITUTIONAL AWARD** was presented to the **UNIVERSITY OF KENTUCKY SPINDLETOP RESEARCH FARM, LEXINGTON, KY**. The award was accepted by Tom Priddy, extension agricultural meteorologist.



A **25-YEAR INSTITUTIONAL AWARD** was presented to the **CITY OF OCONOMOWOC WASTEWATER TREATMENT PLANT, OCONOMOWOC, WI**. The individuals currently providing the data include: Richard Bacon, Mark Baker, Tom Dickson, John Dudley, Tony Kluz, Randall Laetsch, and Tom Steinbach.



A **20-YEAR LENGTH-OF-SERVICE AWARD** was presented to **GARY LAWSON**, observer, **AUGUSTA, KS**, by Leon Wasinger.

CENTRAL REGION



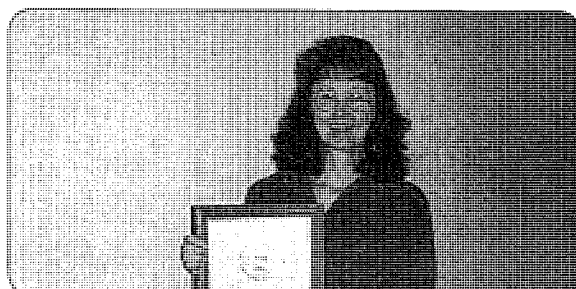
BERTHA SCHMIDT (right), observer, **BREIEN, ND**, received her **20-YEAR LENGTH-OF-SERVICE AWARD** from John Martin (left), Meteorologist, and Vern Roller.



NORBERT HONAS, observer, **CEDAR BLUFF DAM, KS**, was presented with a **20-YEAR LENGTH-OF-SERVICE AWARD** by John F. Orgler, Data Acquisition Program Manager, DDC. Mr. Honas retired on April 1, 1998.



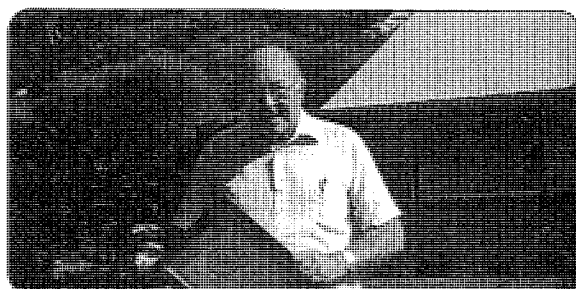
MR. JOHN NEUTZE (center), observer, **FORT COLLINS 9 NW, CO**, received a **20-YEAR LENGTH-OF-SERVICE AWARD** from Jerry Sherlin (left), CHMT, and Nolan Doesken (right), Assistant State Climatologist.



MARILYN SMITH, observer, **GALENA, SD**, received a **20-YEAR LENGTH-OF-SERVICE AWARD**. Photo taken by Treste' Huse, Hydro (UNR), Rapid City, SD.



A **20-YEAR LENGTH-OF-SERVICE AWARD** was presented to **DEWEY CONN**, observer, **MARTIN, KY**, by George Marshall Service Hydrologist/JKL.



CARL M. COLLINS, observer, **NEWMAN, IL**, was presented a **20-YEAR LENGTH-OF-SERVICE AWARD**.



THEODORE A. AND LARETA BRANSTITER, observers, **NIOBRARA, NE**, received a **20-YEAR LENGTH-OF-SERVICE AWARD** from Terry Landsvork.



LEE ARNOLD (center), observer, **NORCATUR 3 WSW, KS**, was presented a **20-YEAR LENGTH-OF-SERVICE AWARD** by George Lucas (left), Data Acquisition Program Manager, and Bob Boyle (right), Hydrometeorological Technician.

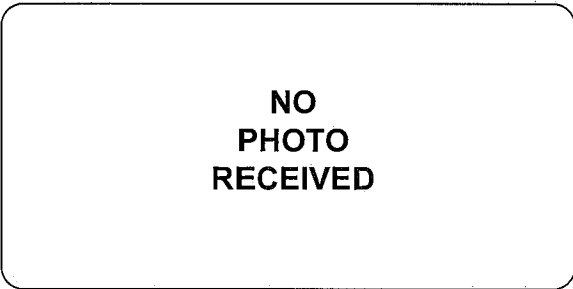
CENTRAL REGION



MR. EDWARD B. THOMPSON (right), observer, **OURAY, CO**, was presented with a **20-YEAR LENGTH-OF-SERVICE AWARD** by Becky Klenk (left).



MIKE BROTZGE (center), observer, **SKYLINE, KY**, received a **20-YEAR LENGTH-OF-SERVICE AWARD** from Pete Tellez (right). Also pictured is Robert Watts (left), assistant observer.



DONALD HARVEY, observer, **COLLYER 10 S, KS**, was presented a **15-YEAR LENGTH-OF-SERVICE AWARD** by John F. Orgler.



LOUISE VANCE (left), observer, **ECKLEY, CO**, was presented a **15-YEAR LENGTH-OF-SERVICE AWARD** by Melissa Claghorn (right), MIT.



A **15-YEAR LENGTH-OF-SERVICE AWARD** was presented to **CHARLENE NOTT**, observer, **ELWOOD 8 S, NE**, by Cindy Fay.



JOHN MORRIS (left), observer, **GLENWVOD 2 WNW, MN**, was presented with a **15-YEAR LENGTH-OF-SERVICE AWARD** by Don Essler (right).

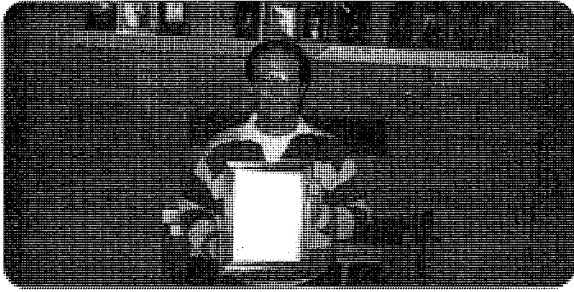


A **15-YEAR AND 10-YEAR LENGTH-OF-SERVICE AWARD** was presented to **WANDA ROSS**, observer, **HEIDELBERG, KY**. Wanda's ten year award was lost in a house fire. Pictured left to right: Dave Stamper, DAPM; Wanda and Bill Ross; and Jennifer Rodewald, Met Intern.



ANNA COLE, observer, **HUMBOLDT, KS**, was presented with a **15-YEAR LENGTH-OF-SERVICE AWARD**. Presenting the award was Leon F. Wasinger.

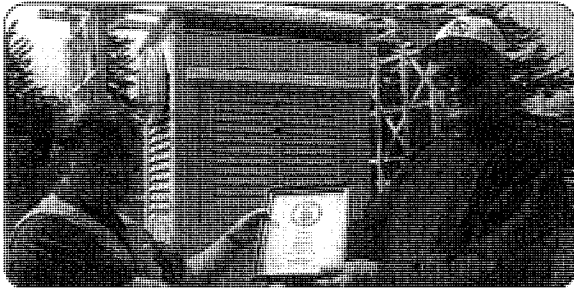
CENTRAL REGION



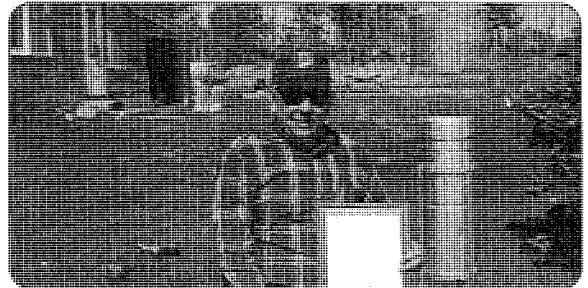
ROGER BISHOP, observer, **LINDSBORG, KS**, was presented a **15-YEAR LENGTH-OF-SERVICE AWARD**.



RONALD GRAHAM, observer, **MILLER, NE**, was presented a **15-YEAR LENGTH-OF SERVICE AWARD**.



ROBERT O. WEUKLY (right), observer, **MINONK, IL**, was presented with a **15-YEAR LENGTH-OF-SERVICE AWARD** by Ralph Morgan (left), Hydrometeorological Technician of Lincoln, WFO.



TED SCHUBAUER, observer, **MISSION 14 S, SD** was presented with a **15-YEAR LENGTH-OF-SERVICE AWARD**.



CURTIS HAMMITT (right), observer, **MOOSE LAKE, MN**, received a **15-YEAR LENGTH-OF-SERVICE AWARD** from Bill Carroll (left), C/HMT, Duluth.



TOM KLAMECKY (left), observer, **ORD #2, NE**, was presented with a **15-YEAR LENGTH-OF-SERVICE AWARD** by Marla Doxey (right).



LEWIS CLEMENT (left), observer, **ORIENT, SD**, received a **15-YEAR LENGTH-OF-SERVICE AWARD** from David Olkiewicz (right).



MR. WAYNE WEGNER (left), observer, **RIPON, WI**, was presented with his **15-YEAR LENGTH-OF-SERVICE AWARD** by Rudy Schaar (right), Data Acquisition Program Manager.

CENTRAL REGION



JERRY WYNN (left), observer, **ROCHESTER, IN**, received his **15-YEAR LENGTH-OF-SERVICE AWARD** from Roger Kenyon (right) and Phil Gray.



GARY NEWTON, observer, **BALDWIN, WI**, was presented with a **10-YEAR LENGTH-OF-SERVICE** by Don Essler, .



DORIS LOWE (center), observer, **BAXTER, KY**, was presented a **10-YEAR LENGTH-OF-SERVICE AWARD** by Dave Stamper (right). Also pictured is James O. Morgan (left), Vice-President of WHLN Radio, Harlan, KY.



EILEEN M. PALS, observer, **BELMOND, IA**, received a **10-YEAR LENGTH-OF-SERVICE** from Carrel Barlow.



LARRY GILLETT (left), observer, **BURR OAKLIN, KS**, received a **10-YEAR LENGTH-OF-SERVICE AWARD** from John Purdy (right).



ARDYCE OKONSKI, observer, **DANBURY, WI**, received a **10-YEAR LENGTH-OF-SERVICE AWARD**.



RICK FARLEE, observer, **DUPREE 15 SSE, SD**, was presented a **10-YEAR LENGTH-OF-SERVICE AWARD** by David Olkiewicz.



SCOTT HINES, observer, **ELLSWORTH IE, WI**, was presented with a **10-YEAR LENGTH-OF-SERVICE AWARD** by Don Essler.



A **10-YEAR LENGTH-OF-SERVICE AWARD** was presented to **RICHARD HJORT** (center), observer, **FOREST LAKE 5 NE, MN**, by Donald Essler (left) and David Lipiniski (right), Hydrologist.



ART JARECKE, **GENOA AND GENOA 2 S, NE**, was presented with a **10-YEAR LENGTH-OF-SERVICE AWARD**.

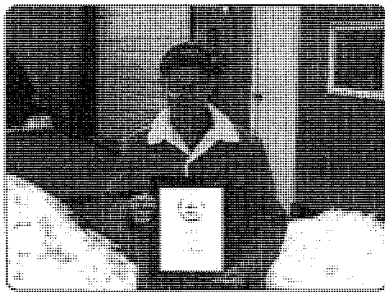


POLLY AND KENNETH SWAYNE, observers, **GORDON, NE**, received a **10-YEAR LENGTH-OF-SERVICE AWARD**.

CENTRAL REGION



CHARLOTTE HANSEN, observer, **JEWELL, KS** received a **10-YEAR LENGTH-OF-SERVICE AWARD** from John Purdy.



DAVID RUEBER, observer, **KANAWHA, IA**, was presented a **10-YEAR LENGTH-OF-SERVICE AWARD** by Carrel Barlow.



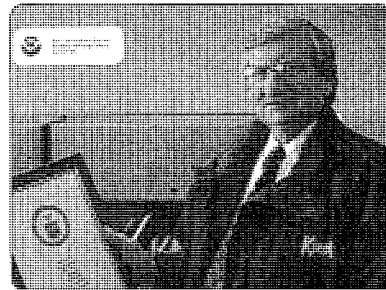
MARGARET FERRELL, observer, **MARMARTH, ND**, received her **10-YEAR LENGTH-OF-SERVICE AWARD**. Picture and presentation by Vern Roller.



MR HAROLD WEISBROOK (right), observer, **NEW RAYMER 21 N, CO**, was presented with a **10-YEAR SERVICE AWARD** by Hydrometeorological Technician, **William C. Ray** (left), Denver Forecast Office.



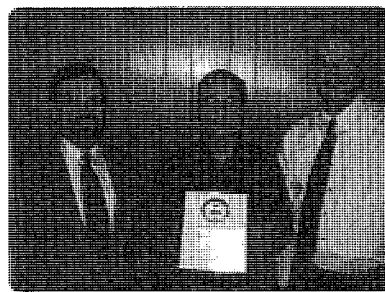
BILL SCHREIBER, observer, **RANSOM 2 NE, KS**, was presented with a **10-YEAR LENGTH-OF-SERVICE AWARD** by John F. Orgler.



FRANK LUEPKE, observer, of radio station **KIWA, SHELDON, IA**, was presented with a **10-YEAR LENGTH-OF-SERVICE AWARD**.



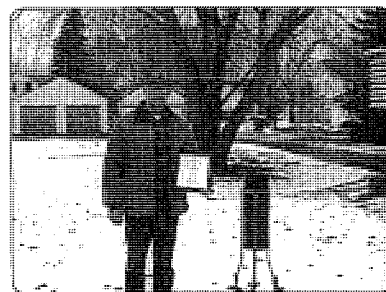
CHARLES SCHROEDER, observer, **TOFTE RANGER STATION, MN**, was presented a **10-YEAR LENGTH-OF-SERVICE AWARD**.



STANLEY KALBERER, observer, **WASHINGTON, IN**, was presented posthumously a **10-YEAR LENGTH-OF-SERVICE AWARD**. Accepting the award is **Blaine Kalberer** (center) from **Ed Terrell** (left), and **Roger Kenyon** (right).



KATHY JORGENSEN (right) AND **ROBERT JORGENSEN**, observers, **WILD RIVER STATE PARK, MN**, were presented with a **10-YEAR LENGTH-OF-SERVICE AWARD** by **Don Essler** (left).



JERRY POOLE, observer, **WINNEBAGO, MN**, was presented with a **10-YEAR LENGTH-OF-SERVICE** by **Don Essler**.



DAVID OLKIEWICZ, (right), **COOPERATIVE PROGRAM MANAGER**, accepting retirement plaque presented by **Greg Harmon** (left), **Meteorologist in Charge**, **FSD**.

EASTERN REGION

THOMAS JEFFERSON AWARD



John E. Jones, Jr. (left), Deputy Director, Eastern Region Headquarters presented **THE THOMAS JEFFERSON AWARD** to **MRS. MAXINE LEACH** (right), observer, **PHILIPPI, WV**. On behalf of the Governor of West Virginia, Cecil Underwood, Mrs. Leach was presented another award, the distinguished West Virginia Award. Others attending the presentation from the Charleston, WV, office were Alan Rezek, Meteorologist In Charge; Phil Zinn, Lead Forecaster; Marshall Monroe; Paul Gilkerson and Randall Hatfield, Hydrometeorological Technicians.

JOHN CAMPANIUS HOLM AWARD



MRS. ANNA DEFREHN (center), observer, **LEHIGHTON, PA**, was presented with **THE JOHN CAMPANIUS HOLM AWARD**. Presentation was made by Gary Szatkowski (left), Meteorologist in Charge and Roy Miller (right), Data Acquisition Program Manager and Jim Gross, Hydrometeorological Technician, Mount Holly, NJ. Mrs. DeFrehn and her family have contributed fifty-five years of outstanding service to the cooperative observing program. The presentation was made at the Lehighnton American Legion Hall. Attending the presentation were local officials which included the Mayor and Borough Manager and forty family members and friends of Mrs. DeFrehn.

EASTERN REGION

75-YEAR INSTITUTIONAL AWARD



THE U. S. ARMY CORPS OF ENGINEERS, MORGANTOWN LOCK AND DAM, WV, was presented with a **75-YEAR INSTITUTIONAL AWARD**. Cecil Rice (left) accepted the award on behalf of the US Army Corps of Engineers. Nancy Eiben (right), Service Hydrologist, Pittsburgh, PA, made the presentation.

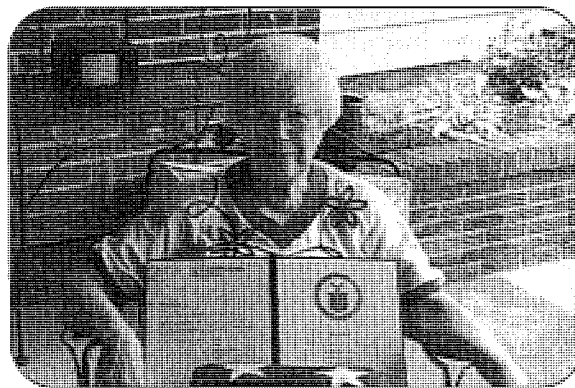
50-YEAR INSTITUTIONAL AWARD



THE U. S. ARMY CORPS OF ENGINEERS, SAVAGE RIVER DAM, MD, received a **50-YEAR INSTITUTIONAL AWARD** from Nancy Eiben. Photo left to right: Nancy Eiben, George Reeves, Dallas Bittinger and Ray Bittinger.



DR. BEAUCHAM F. GREENE (left), observer, **BAMBERG, SC,** was presented with a **45 YEAR-LENGTH-OF-SERVICE AWARD**. Clara Gillentine (right), Hydrometeorological Technician, Columbia, SC, made the presentation.



A **45-YEAR LENGTH-OF-SERVICE AWARD** was presented to **MARGARET C. JONES**, observer, **CONCORD, VA**. Jim White, Hydrometeorological Technician, Blacksburg, VA, made the presentation.

EASTERN REGION

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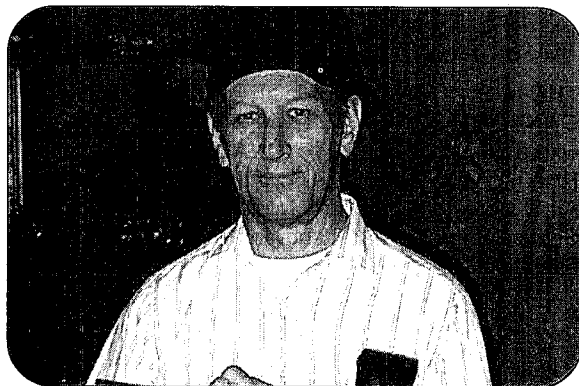
TRULA PRICE, observer, **MCCORMICK, SC**, was presented with a **45-YEAR LENGTH-OF-SERVICE AWARD**. Clara Gillentine made the presentation.



SUSAN VERBITSKEY, observer, **CLARENCE, PA**, received a **35-YEAR LENGTH-OF-SERVICE AWARD** from Bret Christoe, Hydrometeorological Technician, State College, PA.



MRS. RUTH E. MABE, observer, **DANBURY, NC**, was presented with a **30-YEAR LENGTH-OF-SERVICE AWARD** by Tony Wilf, Hydrometeorological Technician, Blacksburg, VA.



A **30-YEAR LENGTH-OF-SERVICE AWARD** was presented to **JULIAN A. KESTERSON**, observer, **GLASGOW, VA**. Jim White made the presentation.

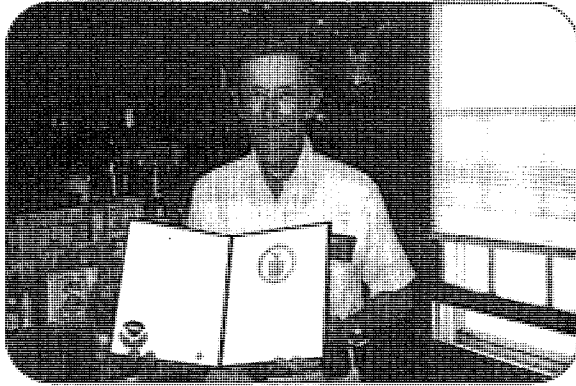


MRS. IRENE MITCHELL (left), observer, **NEUSE 2 NE, NC**, was presented with a **30-YEAR LENGTH-OF-SERVICE AWARD**. Steve Harned (right), Meteorologist in Charge, Raleigh, NC, made the presentation.



MR. AND MRS. JOHN L. ANDERSON, observers, **ROUGEMONT, NC** received a **25-YEAR LENGTH-OF-SERVICE AWARD** from Phil Duncan, Hydrometeorological Technician, Raleigh, NC. Pictured left to right: Phil Duncan and Mr. and Mrs. Anderson.

EASTERN REGION



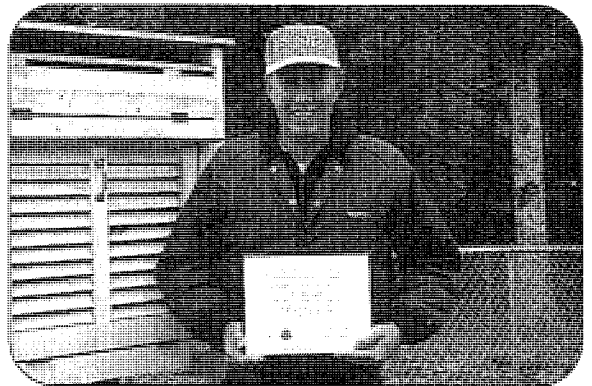
A **25-YEAR LENGTH-OF-SERVICE AWARD** was presented to **FRANK B. STRADER, JR.**, observer, **STAFFORDSVILLE, VA**. Mr. And Mrs. Strader operate a cattle and sheep farm. Tony Wilf made the presentation.



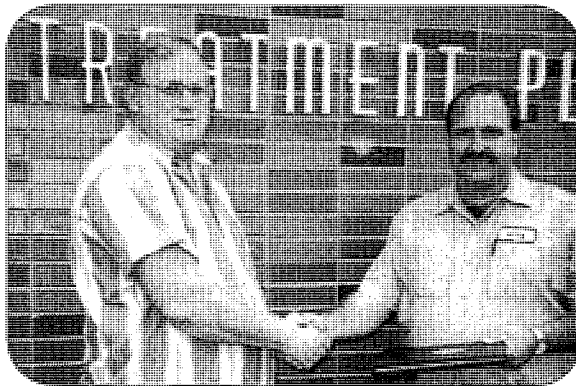
The **MON VALLEY SEWAGE AUTHORITY, DONORA 1 SW, PA**, was presented with a **25-YEAR INSTITUTIONAL AWARD**. Thomas Salak (right), Superintendent, accepted the award presented by Nancy Eiben (left).



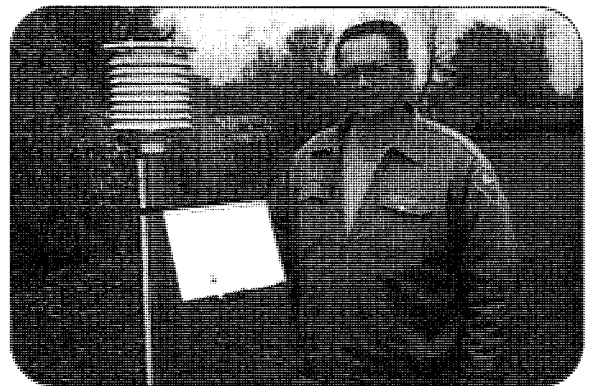
Staff at the **FORT KENT WATER TREATMENT PLANT, FORT KENT, ME**, accepted a **25-YEAR INSTITUTIONAL AWARD**. Presentation was made by Jim Donahue, Hydrometeorological Technician, Gray, ME. Photo left to right: Greg Bernier, Supt. is primary weather observer, Gilles Daigle and Dave Dumond.



A **25-YEAR INSTITUTIONAL AWARD** was presented to **MOUNTAIN LAKE BIOLOGICAL STATION, MOUNTAIN LAKE, VA**, part of the University of Virginia. Julian McCrosky accepted the award presented by Tony Wilf.



PAULING WATER WORKS, PAULING, OH, was presented a **25-YEAR INSTITUTIONAL AWARD** by Don Hughes (left), Hydrometeorological Technician, Wilmington, OH made the presentation. Accepting the award is Greg Reinhart (right), an observer at Pauling Water Works.



Richard Castonguay, Superintendent, **VAN BUREN WASTEWATER TREATMENT PLANT, VAN BUREN, ME**, accepted a **25-YEAR INSTITUTIONAL AWARD** from Jim Donahue.

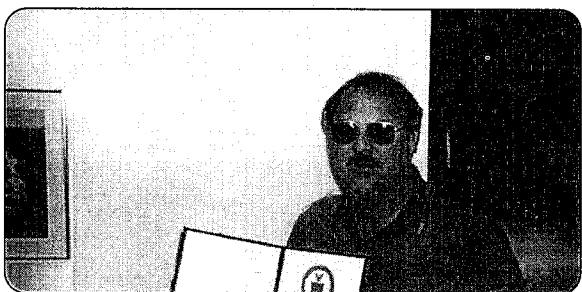
EASTERN REGION



A **20-YEAR LENGTH-OF-SERVICE AWARD** was presented to **LESTER D. MORRIS** (left), observer, **APPLING, GA.** Presentation was made by Clara Gillentine (right),



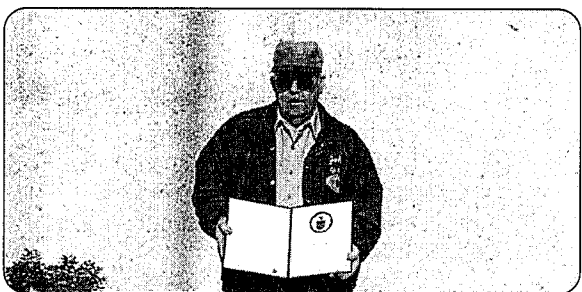
A **20-YEAR LENGTH-OF-SERVICE AWARD** was presented to **ROBERT C. FAY**, observer, **LAKE-PORT, NH.** James Brown, Hydrometeorological Technician, Gray, ME, made the presentation.



RODNEY M. TART, Superintendent and observer, **LILLINGTON WATER WORKS, LILLINGTON, NC,** received a **20-YEAR LENGTH-OF-SERVICE AWARD** from Phil Duncan.



A **15-YEAR LENGTH-OF-SERVICE AWARD** was presented to **DAVID L. DAVIS**, observer, **BLAIR, SC.** Clara Gillentine made the presentation.



Jim White presented a **15-YEAR LENGTH-OF-SERVICE AWARD** to **JOHN S. BELL**, observer, **COVINGTON, VA.**



Tony Wilf presented **MRS. STERLING HOWERY**, observer, **FLOYD, VA,** with a **15-YEAR LENGTH-OF-SERVICE AWARD.**

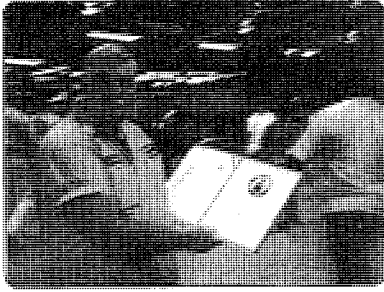


LOIS CURTIS (left), observer, **HAYESVILLE AG 6 E, NC,** was presented with a **15-YEAR LENGTH-OF-SERVICE AWARD** by Frank Ferrell (right), Cooperative Program Manager/Hydrometeorological Technician, MRX.



MAX PARK, observer, **THREE SPRINGS, PA,** received a **15-YEAR LENGTH-OF-SERVICE AWARD** presented by Bret Christoe.

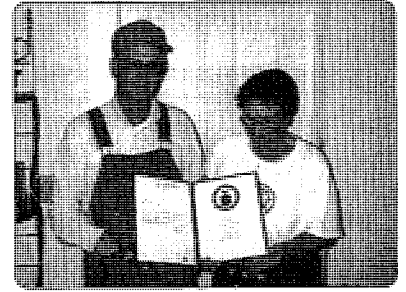
EASTERN REGION



GENE JENKINS, observer, **ATLANTA BOLTON, GA**, received his **10-YEAR LENGTH-OF-SERVICE AWARD**. Award was presented by Michael Ross Cooperative Program Manager/Hydrometeorological Technician/ Peachtree City, GA.



MRS. HASSEL N. SMITH, observer, **BLAND, VA**, was presented a **10-YEAR LENGTH-OF-SERVICE AWARD** by Tony Wilf.



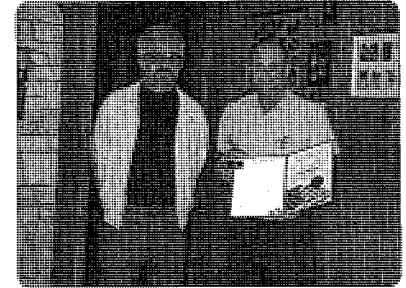
MR. AND MRS. LESTER Z. WALSH, observers, **BOOMER, NC**, was presented with a **10-YEAR LENGTH-OF-SERVICE AWARD** by Tony Wilf. The Walsh family operates the "Lazy Z" chicken farm.



MR. AND MRS. BOYD M. AYCOCK, observers, **LINCOLNTON, GA**, were presented with a **10-YEAR LENGTH-OF-SERVICE AWARD** by Clara Gillentine.

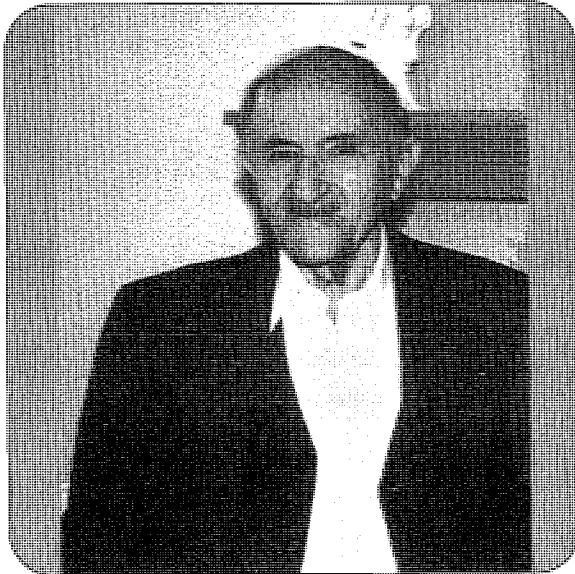


Jimmie Cutis (right), Hydrometeorological Technician, Greenville-Spartanburg, SC presented **JOHNNY HOYLE** (left), observer, **LINCOLNTON 4 W, NC**, with a **10-YEAR LENGTH-OF-SERVICE AWARD**.



JIMMY WORKMAN (right), observer, **RENICK, WV**, was presented with a **10-YEAR LENGTH-OF-SERVICE AWARD** by Jim White.

IN MEMORY OF CLARENCE R. JORDAN



Clarence R. Jordan, retired Meteorological Technician from Rockville, MD, died of a heart attack on August 15, 1997 at the age of 83. He is survived by his wife of fifty-eight years, Blanche F. Jordan; his son, Curtis R. Jordan; and his daughter, Sandra J. Hastings (also a NOAA observer); a brother, William Jordan; a sister, Violet Thomas and 4 grandchildren, Christopher Jordan, Robert Jordan, Ray Hastings and Lee Hastings.

Originally from Pennsylvania, he moved to the Washington, DC/Maryland suburban area in 1939 to begin work at the then Weather Bureau at 24th & M Streets Northwest. He retired in 1969. During his thirty years of service, he installed and inspected substations and trained observers in almost every state in the United States. He was a faithful weather observer himself until his death. After the funeral, his neighbor, who recently arrived from the Middle East, in very broken English, gave her condolences and in the same breath asked "Please could you tell what in white box in yard? Could set watch by man looking in white box every night at exactly 8:00 PM".

PACIFIC REGION

JOHN CAMPANIUS HOLM AWARD



MR. MARION PETTIGREW (center), observer, **KAPAKA FARM, HI**, was presented the **JOHN COMPANIUS HOLM AWARD**, by Jeremy Harris (left), Mayor, City and County of Honolulu and James Weyman (right), Area Manager/Meteorologist In Charge, WSFO Honolulu.

SPECIAL SERVICE AWARD



ARTHUR MAGHANOY, observer, **LIHUE, HI**, recently retired from AMFAC Sugar Kauai (formerly Lihue Plantation), holds the **SPECIAL SERVICE AWARD** presented him by Derek Lee Loy, PRH Cooperative Program Manager, for his rare dedication and devotion to the cooperative program.

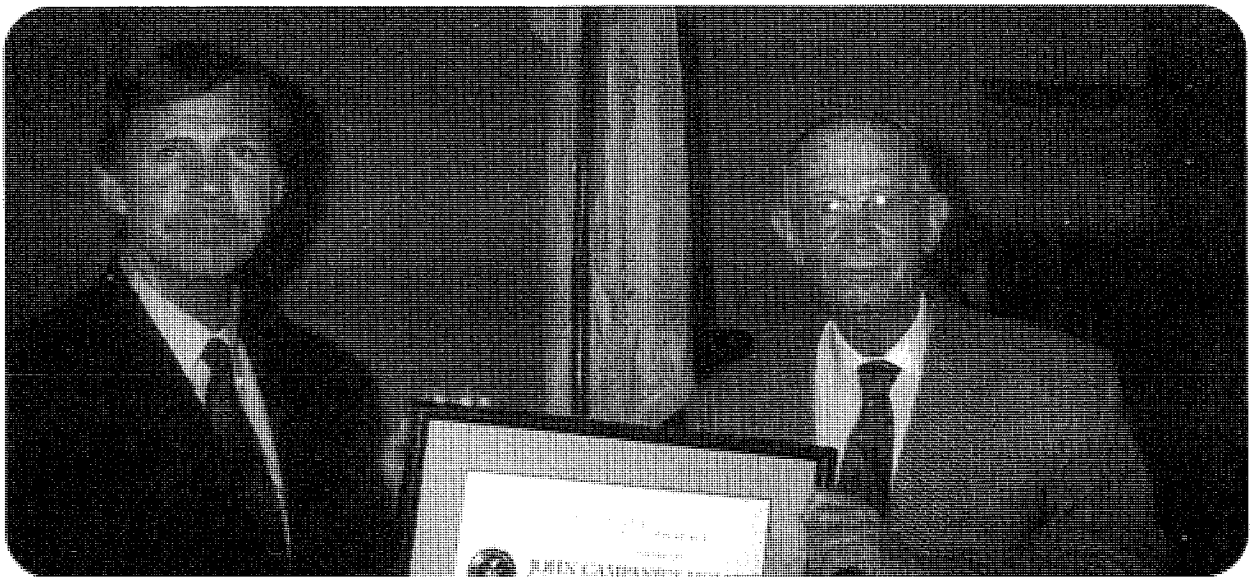
SOUTHERN REGION

THOMAS JEFFERSON AWARD



Agencies of the Department of Commerce have honored **MR. ESTES B. BOZEMAN**, observer, **WINNFIELD, LA**, for his outstanding contribution to the field of meteorology as volunteer weather observer for the National Weather Service for over forty years. He received the **THOMAS JEFFERSON AWARD**, which is the highest award the NWS presents to volunteer observers. Mr. Bozeman's father, Harley, began taking observations in 1942. Pictured left to right: back row- Marion Kuykendall, Data Acquisition Program Manager; Lee Harrison, Meteorologist In Charge; Harry Hassel, Regional Director; Steve Griffin and Richard Ogle, Hydrometeorological Technicians; front row- Peggy Bozeman, wife; Mr. Bozeman.

JOHN CAMPANIUS HOLM AWARD



Charlie Liles (left), Meteorologist In Charge, Albuquerque presented the **JOHN CAMPANIUS HOLM AWARD** to **MR. GRADY BRITE** (right), observer, **MELROSE, NM**. The award was presented as part of the local Chamber of Commerce Night for the community. Picture was taken by Bob Wisniewski, Hydrometeorological Technician, from the National Weather Service office.

SOUTHERN REGION

JOHN CAMPANIUS HOLM AWARD



The National Weather Service Cooperative Weather Observer Program recently awarded **MR. JOHN W. TEETER, JR.**, observer, **PRESCOTT, AR**, with the **JOHN CAMPANIUS HOLM AWARD**. Mr. Teeter is a former businessman in Nevada County, and has also served as manager of the Nevada County Chamber of Commerce. He has a twenty-seven year perfect attendance membership in the Prescott Kiwanis Club. Pictured left to right: Steve Griffin; Lee Harrison; Hollis Kesterson, retired Hydrometeorological Technician; Mr. Teeter; Harry Hassel; Marion Kuykendall; and Richard Ogle.

JOHN CAMPANIUS HOLM AWARD



ADAM C. MELTON, observer, **SEARCY, AR**, was presented the **JOHN CAMPANIUS HOLM AWARD** posthumously for service to the National Weather Service. Mrs. Juanita Melton, widow of Adam Melton, accepted the award. Mr. Melton was a storm spotter and loved to teach weather at local schools. Pictured left to right: Edward Pasierb, Hydrometeorological Technician, Weather Service Forecast Office Little Rock; Juanita Melton; and David Evans, Mayor of Searcy.

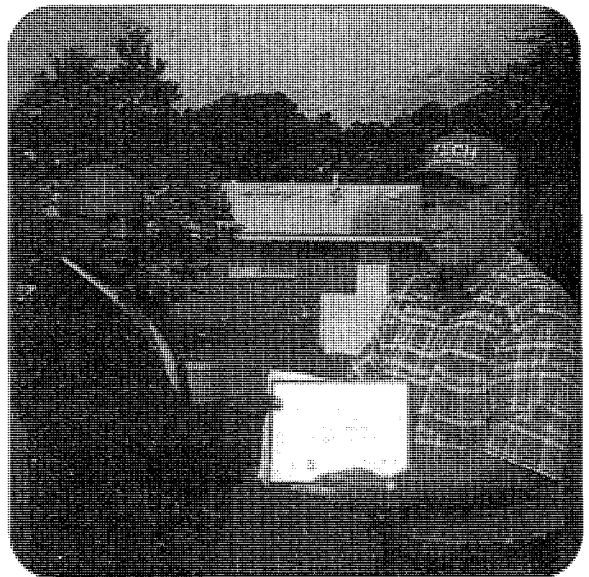
SOUTHERN REGION

100-YEAR INSTITUTIONAL AWARD



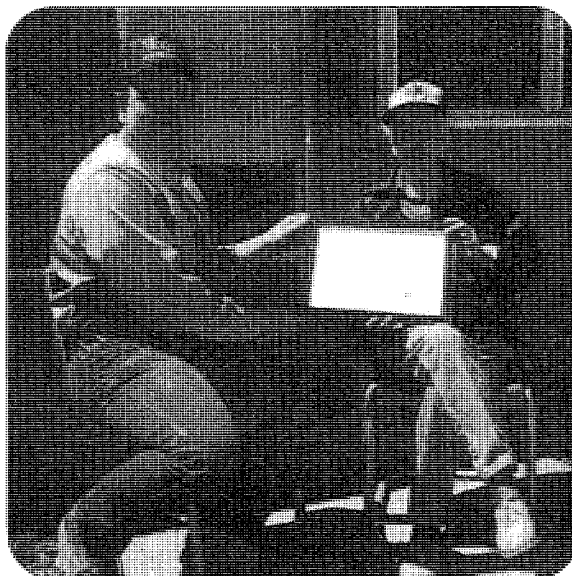
Chuck McDonald, Hydrometeorological Technician, presented **100-YEAR INSTITUTIONAL AWARD** for **NEW SUBIACO ABBEY, SUBIACO, AR**, to Abbott Jerome Kodell.

50-YEAR INSTITUTIONAL AWARD

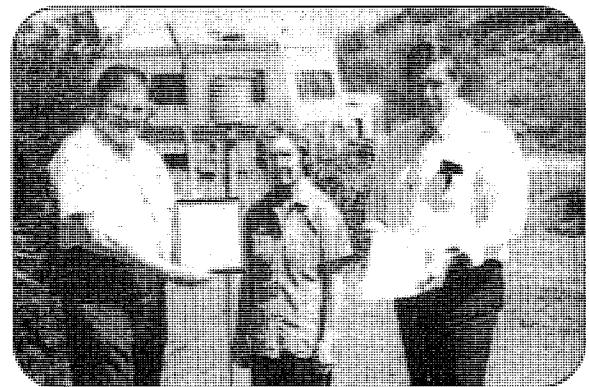


LOUISIANA TECH UNIVERISTY SCHOOL OF FORESTRY, RUSTON, LA, was awarded a **50-YEAR INSTITUTIONAL AWARD**. Accepting the award is Sammy Riser (right), observer at the school. Presenting the award was Marion Kuykendall (left) and Richard Ogle (not pictured).

SPECIAL SERVICE AWARD



MRS. MICKEY THREADGILL (right), observer, **MARFA, TX**, received a **SPECIAL SERVICE AWARD** from Terry Huber (left), meteorologist from the National Weather Service office in Midland, TX. Picture taken by Mike Wrinkle, also from the Midland office.



MRS. ANNA MAE WRIGHT (center), observer, **REDROCK, NM**, was presented a **55-YEAR LENGTH-OF-SERVICE AWARD**. The award was presented by Max Blood, Meteorologist In Charge (left), and Bob Cooper (right), Data Acquisition Program Manager from the El Paso National Weather Service office.

SOUTHERN REGION



A **50-YEAR LENGTH-OF-SERVICE AWARD** was presented to **MR. BERNARD M. WALTHER**, observer, **CABOT 4 SW, AR**, by Ed Pasierb. Mr. Walther has previously received the John Campanius Holm award. Pictured left to right: Ed Pasierb, Mr. Walther, Mrs. Nancy Saffle, Mr. Walther's daughter.



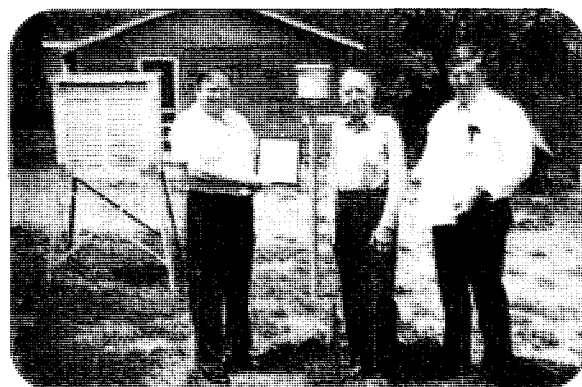
MR. AND MRS. GROVER SPRINGER (left), observers, **LENORAH, TX**, were presented a **50-YEAR LENGTH-OF-SERVICE AWARD** by Susan Griffin (right), Hydrometeorological Technician, from the National Weather Service office in Midland, TX.



MRS. CLAUDINE WOODARD, observer, **WINNSBORO 6 SW, TX**, was presented a **45-YEAR LENGTH-OF-SERVICE AWARD**. Pictured left to right: Lee Harrison, H.L. Woodard (spouse), Claudine Woodard and Marion Kuykendall.



MR. AND MRS H. R. HINDS (left), observers, **CORDELL, OK**, were presented a **40-YEAR LENGTH-OF-SERVICE AWARD** by Dennis McCarthy (right) Meteorologist In Charge, Norman Forecast Office. Also in attendance was Beverly Reese, Data Acquisition Program Manager, and Carl Wilkins, Hydrometeorological Technician.

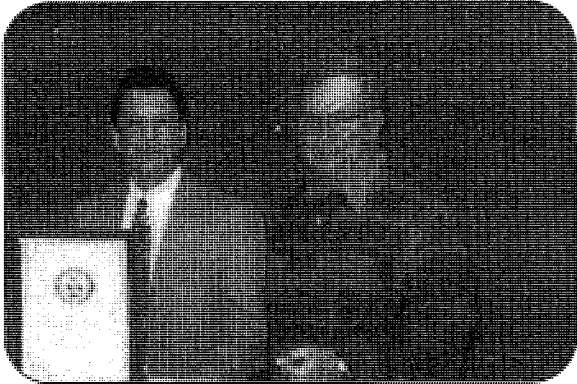


DAWSON A. "DOC" CAMPBELL (center), observer, **GILA HOT SPRINGS, NM**, was presented with a **40-YEAR LENGTH-OF-SERVICE AWARD** by Max Blood (left) and Bob Cooper (right).



MRS. LAURA CAMPBELL (right), observer, **GREENWELL SPRINGS, LA**, received a **40-YEAR LENGTH-OF-SERVICE AWARD** from Jake Herty (left), Hydrometeorological Technician.

SOUTHERN REGION



A **40-YEAR LENGTH OF SERVICE AWARD** was presented to **MR. JERRY MOONEY** (right), observer, **POINT COMFORT, TX** by Mr. Joe Arellano Jr. (left), Meteorologist In Charge of Corpus Christi, TX.



A **40-YEAR LENGTH OF SERVICE AWARD** was presented to **MR. RALEIGH PRINCE, JR.** (left), observer, **POINT COMFORT, TX**, by Mr. Joe Arellano Jr.



MRS. LORENE GOLDSBOROUGH (right), observer, **CLINTON, OK**, received her **35-YEAR LENGTH-OF-SERVICE AWARD** from Dennis McCarthy (left). Picture by Carl Wilkins.



MRS. MELINDA AHRENS (left), observer, **COTTONWOOD, TX** received a **35-YEAR LENGTH-OF-SERVICE AWARD** from Dennis Cook (right), Hydrometeorological Technician, EWX.



DR. AND MRS. WILLARD HENNING (seated), observers, **DAYTON, TN**, received a **35-YEAR LENGTH-OF-SERVICE AWARD** from Jerry McDuffie (center), Meteorologist In Charge, and Gregg Cole (right), Hydrometeorological Technician, from the NWS office in Morristown, TN.



EMMIE RUSCHE (center), observer, **PRAIRIE MOUNTAIN, TX**, received a **35-YEAR LENGTH-OF-SERVICE AWARD**. Presenting the award was Esther Atkins (right), Deputy Meteorologist In Charge of the Austin/San Antonio National Weather Service Office. Pictured on the left is Mrs. Rusche's husband, James.

SOUTHERN REGION



Chuck McDonald (right) presented a **35-YEAR LENGTH-OF-SERVICE AWARD** to **BROTHER ANSELAM ALLEN** (left), observer, **SUBIACO, AR.**



STUART J. HABY (right), observer, **VANDERPOOL 10 N, TX,** was presented a **35-YEAR LENGTH-OF-SERVICE AWARD** from Esther L. Stkins (left).



MR. WILSON KLOSE (left), observer, **BERTRAM 3 ENE, TX** received a **30-YEAR LENGTH-OF-SERVICE AWARD** from William Runyon, Data Acquisition Program Manager/EWX. Mrs. Fannie Klose (right) is holding the John Campanius Holm Award that Wilson Klose received in 1995.



EDGAR SCHWARZ JR. (right), observer, **BOERNE, TX,** received a **30-YEAR LENGTH-OF-SERVICE AWARD** from Esther Atkins (left).



JOHNNY PHILLIPS (right), observer, **DOUGLAS, GA,** received a **25- AND 30-YEAR LENGTH-OF-SERVICE AWARD** from Jim Boone (left), Hydromet-
 orological Technician, NWSO Jax, FL. In reviewing the records, it was found that Mr. Phillips had been the official observer for an additional five years.



MR. CLEO QUILLIN (left), observer, **LAMONT, OK,** was presented a **30-YEAR LENGTH-OF-SERVICE AWARD** by Dennis McCarthy (right).

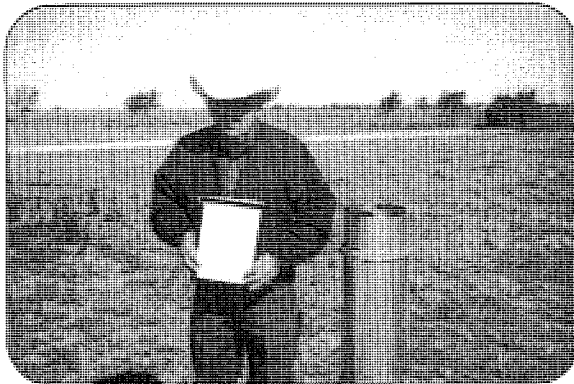
SOUTHERN REGION



MR. AND MRS GARLAND L. GILLIS (center), observers, were presented a **30-YEAR LENGTH-OF-SERVICE AWARD** by Carlos Garza (left), Meteorologist In Charge, and Frank Taylor (right), Data Acquisition Program Manager, Peach Tree City, GA. Picture was taken by Don Silva.



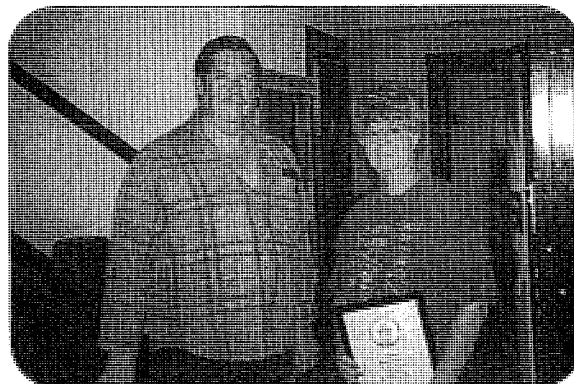
MR. M. H. RONEY (left), observer, **DOTHAN, AL**, was presented a **25-YEAR LENGTH-OF-SERVICE AWARD** by Bob Duggan (right), Hydrometeorological Technician. Mr. Roney has retired.



LLOYD MORROW, observer, **HOUSE, NM**, was presented a **25-YEAR LENGTH-OF-SERVICE AWARD**. Picture by Bob Wisniewski.



MRS. OLIVE B. HILL, observer, **KEITHVILLE, LA**, received a **25-YEAR LENGTH-OF-SERVICE AWARD**. Pictured left to right: front row-Lee Harrison, Olive B. Hill and Marion Kuykendall, back row-Steve Griffin and Milly Norris, friend of Mrs. Hill.

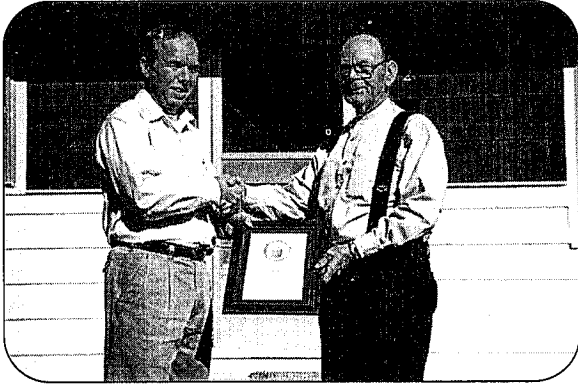


MRS ROBERT LOWERY (right), observer, **LORDSBURG, NM**, was presented with a **25-YEAR LENGTH-OF-SERVICE AWARD** by Bob Cooper (left).



LEO R SUTTON (right), observer, **MALJAMAR, NM**, was presented a **25-YEAR LENGTH-OF-SERVICE AWARD** by Michael Young, Hydrometeorological Technician.

SOUTHERN REGION



MR. JACK WILSON (right), observer, **POCOHONTAS, AR**, was presented a **25-YEAR LENGTH-OF-SERVICE AWARD** by Buzz Merchelwitz (left), Memphis, TN. Assisting with the presentation was Jack Jackson, Data Acquisition Program Manager, who took the picture.



MRS. GLENNA H. MILLER, observer, **ROOSEVELT, OK**, received her **25-YEAR LENGTH-OF-SERVICE AWARD** from Carl Wilkins. Following this award presentation, Mrs. Miller retired as the observer.



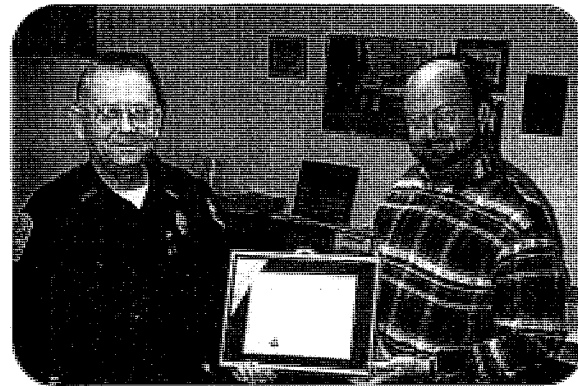
MR. BILLY COLLIONS, observer, **UNION CITY, TN**, was presented a **25-YEAR LENGTH-OF-SERVICE AWARD** by Jack Jackson, Data Acquisition Program Manager from the National Weather Service office in Memphis.



The **SOUTHERN NATURAL GAS COMPANY, BIENVILLE, LA**, received a **25-YEAR INSTITUTIONAL AWARD** from Marion Kuykendall and Richard Ogle.

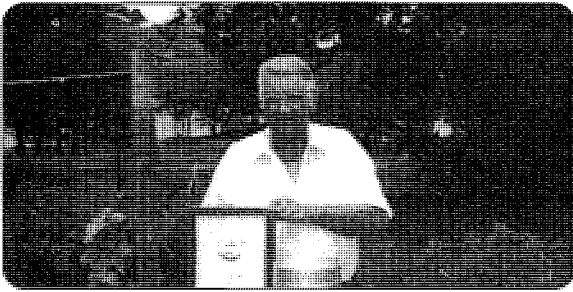


RADIO STATION KGYN, GUYMON, OK, received a **25-YEAR INSTITUTIONAL AWARD**. Accepting the award from Jose Garccia (left), Meteorologist In Charge, is station owner Ed Smith (center). Also pictured is Billy Beams (right), Data Acquisition Program Manager.



A **25-YEAR INSTITUTIONAL AWARD** was presented to the **HIGH SPRINGS POLICE DEPARTMENT, HIGH SPRINGS, FL**, by Mike McAllister (right), Data Acquisition Program Manager of the NWS office in Jacksonville, Fl. Accepting the award is Chief Thomas W. Wolfe (left).

SOUTHERN REGION



ROLLAND TREADAWAY, observer, **CAMP VERDE, TX**, received a **20-YEAR LENGTH-OF-SERVICE AWARD** from Dennis R. Cook.



MRS. MELINDA AHRENS (right), observer, **COTTONWOOD, TX**, was presented a **20-YEAR-LENGTH-OF-SERVICE** by Dennis R. Cook (left).



JERRY R. MARTIN (left), observer, **ENTERPRIZE, AL**, was presented a **20-YEAR-LENGTH-OF-SERVICE AWARD** by Mike Vise (right), Data Acquisition Program Manager.



DANIEL FREYTAG (left), **FLATONIA, TX**, was presented his **20-YEAR LENGTH-OF-SERVICE AWARD** by Joe Baskin (right), Hydrometeorological Technician, EWX.



MR. ANDY MONTGOMERY (right), observer, **FLORENCE 3 SE, TX** received a **20-YEAR LENGTH-OF-SERVICE AWARD** from Al Dreumont (left), Meteorologist In Charge of the Austin/San Antonio MWSFO.



A **20-YEAR LENGTH-OF-SERVICE AWARD** was presented to **STARR PRODUCE CO., GARCIAVILLE, 2 ESE, TX**. Pictured left to right: Tony Abbott, HMT WFO BRO, James Peterson, Owner, Edelmiro Perez, Foreman and Observer.



KATHEREN SINK, observer, **GRENVILLE, NM**, was presented a **20-YEAR LENGTH-OF-SERVICE AWARD** by Bob Wisniewski. Ms. Sink is the Postmaster for the community.



LOUIS WALLIS III, observer, **HASTING AREC, FL**, received a **20-YEAR LENGTH-OF-SERVICE AWARD**. Pictured left to right: Bob Kerns, Hydrometeorological Technician; Louis Wallis; and Frank Benedetto, Electrical Technician.

SOUTHERN REGION



JOYCE LAUMBACH, observer, **HOPE, NM**, received a **20-YEAR LENGTH-OF-SERVICE AWARD**. Pictured left to right: Mike Young, Mrs Laumbach, Destinee, her granddaughter, and Mr. Pete Laumbach.



DR. JOHN T. ATTEBERY, observer, **MAGNOLIA 3 N, AR**, received a **20-YEAR LENGTH-OF-SERVICE** from Steve Griffin.



MR. AND MRS. LEEMAN STORY, observers, **MEEKER, OK**, were presented a **20-YEAR LENGTH-OF-SERVICE AWARD** by Alton Abernathy, Hydrometeorological Technician, of the NWS office in Norman, OK.



A **20-YEAR LENGTH-OF-SERVICE AWARD** was presented to **HARVEY E. DEAN, SR.** (left), observer, **MOUNT HOPE, KS**, by Michael Rosner (right).



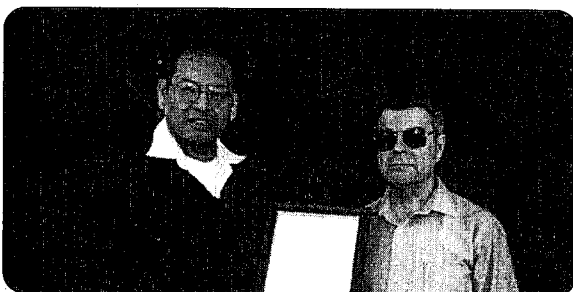
PHOEBE GREEN (seated), observer, **PRAGUE, OK**, was presented a **20-YEAR LENGTH-OF-SERVICE AWARD** by Alton Abernathy (right). Due to illness, the duties of weather observer have passed to Ms. Green's daughter, Alene William.



MRS. GLORIA HAMLIN (left), observer, **TATUM, NM**, was presented a **20-YEAR LENGTH-OF-SERVICE AWARD** by Michael Young.



MR. ROBERT FRIEMEL, observer, **UMBARGER, TX**, was presented a **20-YEAR LENGTH-OF-SERVICE** by Ms. Tabatha Seymore, Hydrometeorological Technician, from the NWS office in Amarillo, TX.

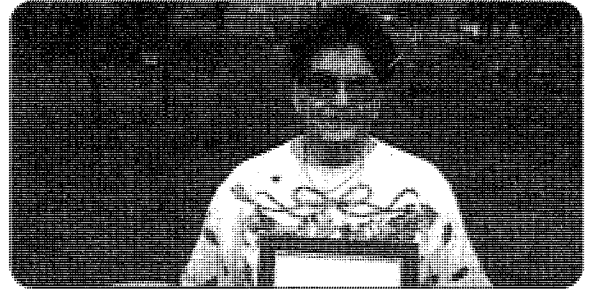


MR. LOUIS STAS (right), observer, **WHEELER, TX**, received a **20-YEAR LENGTH-OF-SERVICE AWARD** from Bill Beams (left).

SOUTHERN REGION



MR. VANCE BOYDSTON (left), observer, **ALLISON, TX**, received a **15-YEAR LENGTH-OF-SERVICE AWARD** from Mr. Richard Wynne (right), Science and Operations officer, NWSO Amarillo,



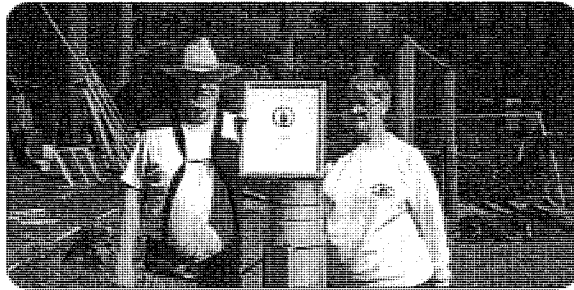
MRS. MARY E. BLACKMAN, observer, **BATESVILLE, TX**, was presented a **15-YEAR LENGTH-OF-SERVICE AWARD** by Roy Pringle, Hydrometeorological Technician, NWSFO Austin/San Antonio, TX.



MARIANN PATTERSON, observer, **BINGHAM, NM**, was presented a **15-YEAR LENGTH-OF-SERVICE AWARD** by Joe Alfieri.



MS. ZENA LEE WALKER (left), observer, **BOISE CITY, OK**, received a **15-YEAR LENGTH-OF-SERVICE AWARD** from Mr. Kenneth Schneider (right) of the NWS office in Amarillo. Picture was taken by Ms. Christine Lopez.



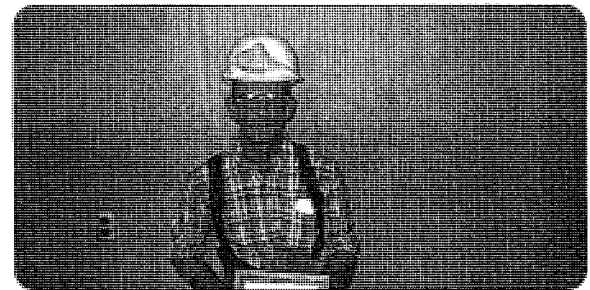
DON NELSON (left), observer, **BROADUS 1 NE, TX**, was presented a **15-YEAR LENGTH-OF-SERVICE AWARD** by Steve Griffin. Pictured on right is Mrs. Judy Nelson, Don's wife.



CHARLES L. WOOD, JR. (left), observer, **BULVERDE, TX**, received a **15-YEAR LENGTH-OF-SERVICE AWARD** from Daryl Williams. Mr. Wood continues a family tradition begun by his mother, Mrs. Laura D. Wood, in September, 1956.



WALTER SHURN, observer, **DARDANELLE, AR**, was presented a **15-YEAR LENGTH-OF-SERVICE AWARD** by Chuck McDonald.

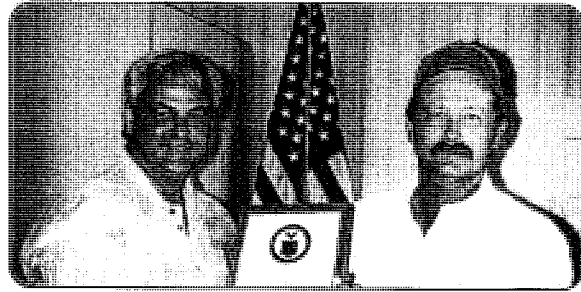


MR. BENNY INMAN, observer, **DES ARC #2, AR**, was presented a **15-YEAR LENGTH-OF-SERVICE AWARD** by Ed Pasierb.

SOUTHERN REGION



MR. AND MRS. PORTER (right), observers, **LYNNE, FL**, were presented a **15-YEAR LENGTH-OF-SERVICE AWARD** by Bob Kerns (left), Hydrometeorological Technician of the NWS office in Jacksonville.



Alton Abermathy (left) presented **GARY BAUSTERT** (right), observer, **OKARCHE, OK** a **15-YEAR LENGTH-OF-SERVICE AWARD**.



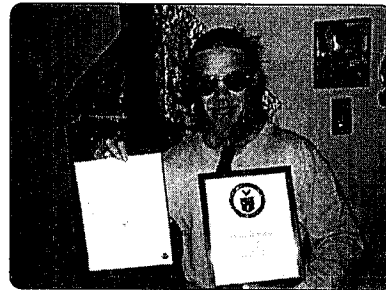
MR. JAY CLARK (left), observer, **REGNIER, OK**, received a **15-YEAR LENGTH-OF-SERVICE AWARD** from Kenneth Schneider (right). Picture take by Christine Lopez.



MR. HUBERT PIPKIN, observer, **SAYRE, OK**, received a **15-YEAR LENGTH-OF-SERVICE AWARD** from Carl Wilkins. Mr. Pipkin is a retired school teacher.



DR. SIDENY D. THIBODEAUX, observer, **THIBODAUX, LA**, was presented with a **15-YEAR LENGTH-OF-SERVICE AWARD**.



CHARLIE MCMAHAN, observer, **CARRIZO-ZO, NM**, received a **10-YEAR LENGTH-OF-SERVICE AWARD** from Joe Alfieri.



NANCY MCPHERSON, observer, **CLOVIS, NM**, was presented a **10-YEAR LENGTH-OF-SERVICE AWARD**. Pictured by Bob Wisniewski.



CATHRYN KESSLER (left), observer, **COPE RANCH, TX**, accepted a **10-YEAR LENGTH-OF-SERVICE AWARD** from Eddie Brite (right), DAPM. Picture by John Frazar, Hydrometeorological Technician/MAF.



A **10-YEAR LENGTH-OF-SERVICE AWARD** was presented to **MR. ADOLFO GARCIA**, observer, **COTULLA, TX**, (center) by Mr. Joe Arellano Jr. (left) and Mr. Mike Asmus(right) Regional Cooperative Program Manager SRH.

SOUTHERN REGION



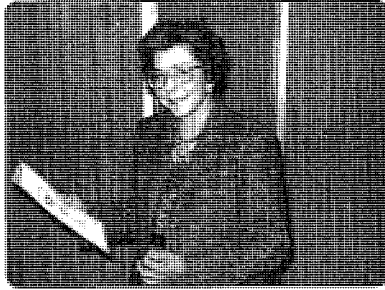
MRS. FAYE HALLOCK (right), observer, DEMING, NM, was presented a **10-YEAR LENGTH-OF-SERVICE AWARD** by Norman Rhude (left) of the NWS office in El Paso. Picture by Bob Cooper.



MR. WILLARD EDGETT, observer, FOLLETT, TX received a **10-YEAR LENGTH-OF-SERVICE AWARD** from Bill Beams, DAPM/AMA. Mr. Edgett continues a history of weather reporting dating back to September 1942.



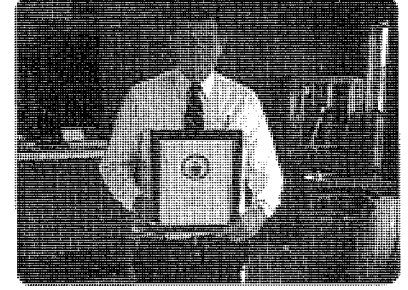
GEROGE BAXLEY (left), observer, HEWITT, TX received a **10-YEAR LENGTH-OF-SERVICE AWARD** from Walter R. Livingston (right), Hydrometeorological Technician, Ft. Worth WSFO



CLAUDIA BALL, observer, HUDSPETH RIVER RANCH, TX, was presented a **10-YEAR LENGTH-OF-SERVICE AWARD** by Bill Runyon.



JOHN E. NUNN, observer, JONESBORO 4 ENE, LA, was presented with a **10-YEAR LENGTH-OF-SERVICE AWARD** by Richard Ogle. Pictured left to right: John E. Nunn and Bonnie, his wife.



VERNON N. BILLINGS, observer, LANGTRY, TX, was presented a **10-YEAR LENGTH-OF-SERVICE AWARD** by William P. Runyon.



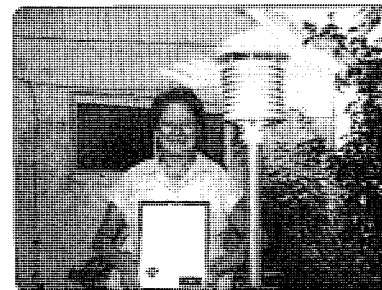
JOHN MANSFILED (right), observer, MT. LECONTE, TN, was presented with a **10-YEAR LENGTH-OF-SERVICE AWARD** by Gregg Cole (left), Cooperative Program Manager/Hydrometeorological Technician MRX.



HENRY NEEL, observer, MT. LECONTE, TN, was presented with a **10-YEAR LENGTH-OF-SERVICE AWARD** by Gregg Cole.



ROGER STAFFORD (left), observer, RANKIN, TX, was presented a **10-YEAR LENGTH-OF-SERVICE AWARD** by John Frazar (right). Picture by Eddie Brite.



MARTHA LOPEZ, observer, SPRINGER, NM, was presented with a **10-YEAR LENGTH-OF-SERVICE AWARD** by Bob Wisniewski.

SOUTHERN REGION

SPECIAL RECOGNITION



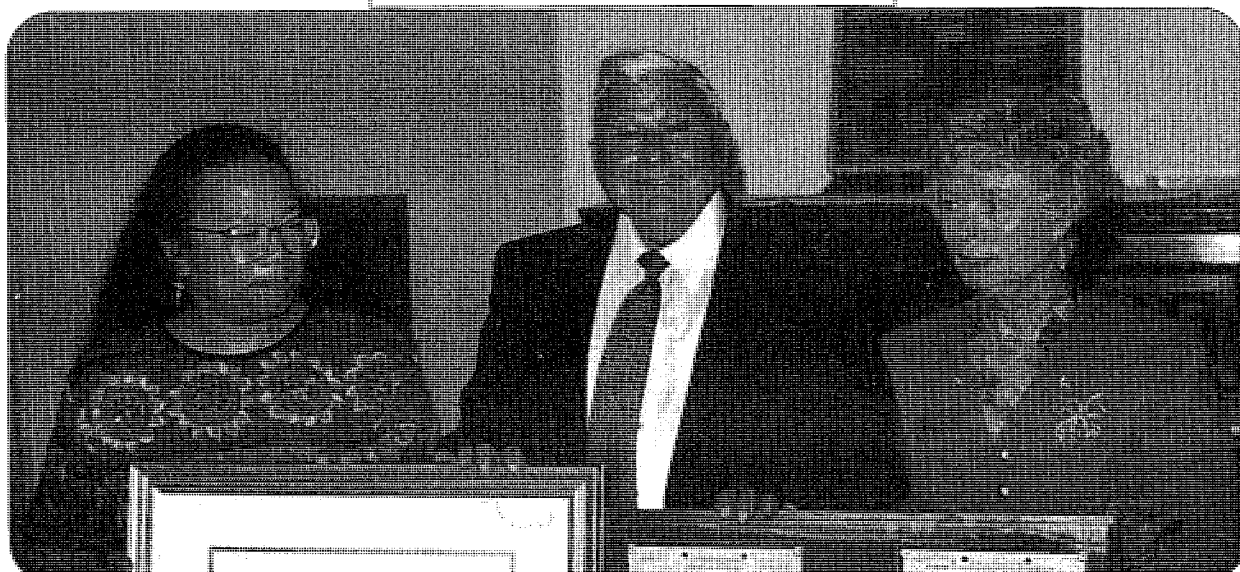
ELLIE H. PITTMAN, JR. (left) retires from the Data Acquisition Program Manager (DAPM) position at National Weather Service/Lake Charles, LA. Pittman received the Department of Commerce Bronze Metal for his development of national standards for the Cooperative Observer Program. Mr. Pittman retired October 25, 1997, with over forty-one years of service. Stephan K. Rinard (right), Meteorologist In Charge, presented Mr. Pittman his retirement plaque at a retirement reception held in the weather service office on October 24, 1997.



LARRY W. HARGETT (right.) retires from a Hydrometeorological Technician (HMT) position at National Weather Service/Lake Charles, LA. Mr. Hargett retired November 3, 1997, with over forty-two years of service. Stephan K. Rinard (left) presented Mr. Hargett his retirement plaque at a retirement dinner held at a local restaurant on November 3, 1997.

WESTERN REGION

THOMAS JEFFERSON AWARD



Thomas D. Potter, Western Region Director, presented the **THOMAS JEFFERSON AWARD** to **ELMER GEE**, observer, **RAPELJE, MT**. Mr. Gee was also presented the **EDWARD H. STOLL AWARD** by Ken Mielke, Area Manager at National Weather Service Forecast Office Great Falls, MT. During the ceremony, a very **SPECIAL ACHIEVEMENT AWARD** was also presented to Mr. Gee. The inscription reads "To Elmer Gee in appreciation for over fifty years of dedicated service to the National Weather Service and to the United States of America". In the top of the award, under glass, is the original B44 establishing the station. Bert Nelson, Meteorologist In Charge, National Weather Service Office Billings, presented Mr. Gee with a **50-YEAR LENGTH-OF-SERVICE AWARD**. Pictured left to right: Liz Ching, representative of Senator Max Bacus; Mr. Gee; and Wesleta Branstetter, representative of Senator Conrad Burns.

THOMAS JEFFERSON AWARD



THE THOMAS JEFFERSON AWARD was presented to **MR. FRED M. BUCK** (left), observer, **WILCOX, AZ**, by Arizona Congressman Jim Kolbe (right). Assisting in the presentation were Glen Sampson, Meteorologist In Charge, and Paul Crimmins, Data Acquisition Program Manager, both of the National Weather Service Office in Tucson, AZ. The special event was held in conjunction with a town hall meeting at Udall Park. During his twenty-six years of recording the weather, there was only one day that Mr. Buck was unable to complete his duties and that occurred on September 28, 1995. A peak wind gust from a thunderstorm microburst knocked his wind instrument from the roof of his house. He is also an official NWS SKYWARN Storm Spotter.

WESTERN REGION

JOHN CAMPANIUS HOLM AWARD



A **JOHN CAMPANIUS HOLM AWARD** was presented to **BARBARA EKKER** (right), observer, **HANKSVILLE, UT**, by Salt Lake City Meteorologist In Charge Bill Alder (left). Barbara began taking weather observations to support a Westinghouse power project near Hanksville. Because of her weather observing duties, Barbara had one of the first phones installed in Hanksville. This became a phone service for the community as the other three phones were all "pay" phones. Barbara is relied upon to restore the communities power as a Gar Kane power employee for the past thirty years. She is also a member of the all-woman volunteer fire department in town.

JOHN CAMPANIUS HOLM AWARD



MR. EARLE STEWART (left), observer, **LAVEEN 3 SSE, AZ**, was presented **THE JOHN CAMPANIUS HOLM AWARD** at his home. The award was presented by Anton Haffer (right), Meteorologist In Charge, National Weather Service Forecast Office Phoenix, AZ.

WESTERN REGION

75-YEAR INSTITUTIONAL AWARD



Mr. Charles Stevens (right) accepted a **75-YEAR INSTITUTIONAL AWARD** on behalf of the **LOS ANGELES DEPARTMENT OF WATER AND POWER, FAIRMONT, CA**, from Dennis Tussey (left), C/Hydrometeorological Technician, National Weather Service Forecast Office Los Angeles, CA.

75-YEAR INSTITUTIONAL AWARD



A **75-YEAR INSTITUTIONAL AWARD** was presented to the **KAWEAH LEMON COMPNAY, LEMON COVE, CA**. Steve Mendenhall, Meteorologist In Charge, San Joaquin Valley presented the award to Nelson Cairns (right).

50-YEAR INSTITUTIONAL AWARD



The National Weather Service presented a **50-YEAR INSTITUTIONAL AWARD** to the staff at the **HEALDSBURG FIRE DEPARTMENT, HEALDSBURG, CA**. The award was presented by Dan Keirns (left), Data Acquisition Program Manager, National Weather Service Forecast Office San Francisco Bay Area and accepted for the Fire Department by Captain Don Arata (right).

50-YEAR INSTITUTIONAL AWARD



Accepting a **50-YEAR INSTITUTIONAL AWARD** for the **U.S. FISH AND WILDLIFE FISH HATCHERY, WINTHROP, WA**, are left to right: Chris Dammann, Bill Wallien, Chris Pasley, and Bob Adams.

WESTERN REGION

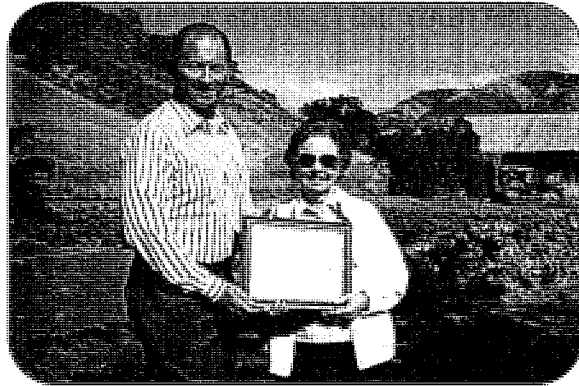
SPECIAL SERVICE AWARD



A **SPECIAL SERVICE AWARD** was presented to the **COEUR D'ALENE 911 OPERATORS, COEUR D'ALENE, ID**. Accepting the award is Amber Henderson. Coeur D'Alene is located on a large scenic lake and the observers are 911 operators .



A **45-YEAR LENGTH-OF-SERVICE AWARD** was presented to **MRS. CLORENE AKERS** (right), observer, **HERNANDEZ 7 SE, CA**. Norm Hoffmann (left) presented the award.



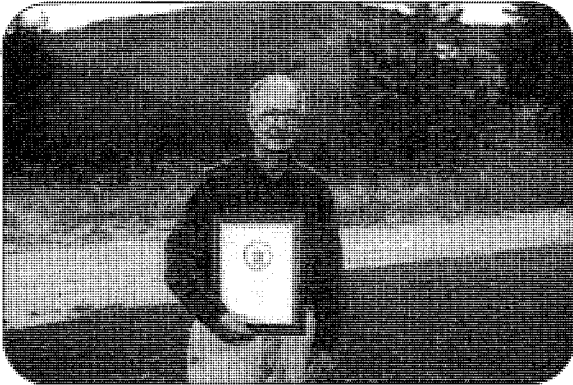
A **55-YEAR LENGTH-OF-SERVICE AWARD** was presented to **MRS. CARLA SHIELDS** (right), observer, **SAN BENITO, CA**. The award was presented by Norm Hoffmann (left), Meteorologist In Charge, National Weather Service Forecast Office San Francisco Bay Area.



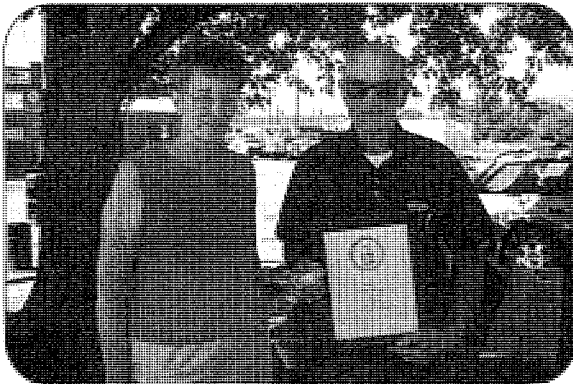
At a dinner in their honor, a **40-YEAR LENGTH-OF-SERVICE AWARD** was presented to **JOHN AND HEATHER BALOCK** (left), observers, **MELSTONE, MT**. The award was presented by Bob Diaz (right), Meteorologist In Charge, National Weather Service Office Billings, MT. Photo by Bob Johnson, Cooperative Program Manager.

MR. ALBER PHILP (left), observer, **RAYMOND, CA**, is shown accepting his **40-YEAR LENGTH-OF-SERVICE AWARD** from Steve Mendenhall (right).

WESTERN REGION



ROBERT SLAGLE, observer, **REPUBLIC, WA**, received his **40-YEAR LENGTH-OF-SERVICE AWARD** from Larry Sossaman, Hydrometeorological Technician, National Weather Service Office Spokane, WA.



JERRY AND JAN HAUGE, observers, **BIG TIMBER, MT**, were presented a **30-YEAR LENGTH-OF-SERVICE AWARD**.



MRS. GRACE ARATA, observer, **SAN GREGORIO, CA**, received her **30-YEAR LENGTH-OF-SERVICE AWARD** from Dan Klinger, Cooperative Program Manager, National Weather Service Forecast Office San Francisco Bay Area.

NO PHOTO RECEIVED

EUGENE C. UHRIG, observer, **SCOTTS MILLS 9 SE, OR**, was presented a **40-YEAR LENGTH-OF-SERVICE AWARD** by Dr. Friday, Director of the National Weather Service.



A **40-YEAR LENGTH-OF-SERVICE AWARD** was presented to father and son team, **LAWRENCE AND MIKE MATHER**, observers, **WILSALL 8 ENE, MT**. Pictured left to right: Lawrence Mather, Mike's wife Marion, Mike Mather, and Bob Diaz. Photo by Bob Johnson.



Darlene Olson (right), daughter of **DELLA CALL**, observer, **CLYDE PARK 1 W, MT**, accepts a **30-YEAR LENGTH-OF-SERVICE AWARD** for her mother. Mrs. Call passed on this year. The award was presented by Bob Diaz (left).

WESTERN REGION



MRS. DOROTHY M. DUCKWORTH (center), observer, **WALLOWA, OR**, received her **30-YEAR LENGTH-OF-SERVICE AWARD** from Valerie Thompson (right), Meteorologist in Charge, National Weather Service Office Pendleton, OR. Also pictured is Mrs. Duckworth's son (left), John.



WILLIAM J. COURT (right), retired observer, **HINSDALE 4 SW, MT**, was presented with his **25-YEAR LENGTH-OF-SERVICE AWARD**. Presenting the award are John Pulasky (left), Northern Agricultural Network, and Bob Diaz (center).



A **25-YEAR LENGTH-OF-SERVICE AWARD** was presented to **HARLEN HARRISON SR.** (left), observer, **MEXICAN HAT, UT**, at the Navajo Elementary School near Mexican Hat, UT. The award was presented by Bill Alder (right).

NO PHOTO RECEIVED

A **30-YEAR LENGTH-OF-SERVICE AWARD** was presented to **MR. HARRY TRONSTAD**, observer, **WEBSTER 3 E, MT**, by Bob Johnson.



MR. ROLAND L. HANSEN, observer, **FAIRFIELD, UT**, was presented a **25-YEAR LENGTH-OF-SERVICE AWARD** by Ralph Estell, Cooperative Program Manager National Weather Service Forecast Office Salt Lake City.



RICH AND MILDRED HOWARD, observers, **HYSHAM 25 SSE, MT**, received their **25-YEAR LENGTH-OF-SERVICE AWARD**. The award was presented and photo taken by Bob Johnson.

NO PHOTO RECEIVED

MRS. BETTY GIBSON, observer, **PILOT ROCK 10 SE, OR**, received her **25-YEAR LENGTH-OF-SERVICE AWARD** from James Zdrojewski, Data Acquisition Program Manager, National Weather Service Office Pendleton, OR.

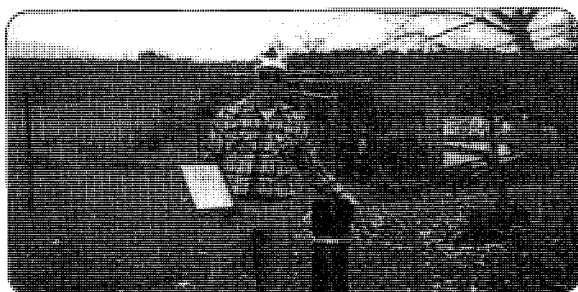
WESTERN REGION



A **25-YEAR LENGTH-OF-SERVICE AWARD** was presented to **ADRIAN POLLOCK**, observer, **TROPIC, UT**. Adrian's twenty-five years of service is the most consecutive years of any previous observer in Tropic. Pictured left to right: Glenna, Adrian's wife; Adrian, and Bill Alder.



A **25-YEAR INSTITUTIONAL AWARD** was presented to **DATELAND WHITEWING RANCH, AZ**, by Michael Bruce (left) Data Acquisition Program Manager, National Weather Service Forecast Office Phoenix. Accepting the award are Dionicio Diaz (center) and Jesus Gutierrez (right).



MR. GEORGE HUNTINGFORD, observer, **CHIMACUM 4 S, WA**, received his **20-YEAR LENGTH-OF-SERVICE AWARD** from Bob Hetzog, Hydrometeorological Technician, National Weather Service Forecast Office Seattle, WA.

NO PHOTO RECEIVED

A **25-YEAR INSTITUTIONAL AWARD** was presented to the **CONCORD WASTEWATER PLANT, CENTRAL CONTRA COSTA SANITARY DISTRICT, CA**. Accepting the award was Margie Griffin, Administrative Secretary, and Roger Dolan, General Manager/Chief Engineer.

NO PHOTO RECEIVED

A **25-YEAR INSTITUTIONAL AWARD** was presented to the staff at **FORT ROSS STATE HISTORICAL PARK, CA**. Accepting the award were Sara Gould-Genisi, Park Aid, and Dan Murley, Ranger. Mrs. Gould-Genisi is also the observer for the recently reestablished coop station Cazadero 5NW.



The staff at **HALF MOON BAY STATE PARK, CA**, received a **25-YEAR INSTITUTIONAL AWARD** from Dan Klinger (left). The award was accepted by Heidi Horvitz (center), State Park Ranger. Half Moon resident Herb Kraencke (right), retired National Weather Service employee, has been taking daily readings at the park since June of 1994.

NO PHOTO RECEIVED

NORMA J. JACOB, observer, **DIXIE MOUNTAIN, OR**, received her **20-YEAR LENGTH-OF-SERVICE AWARD** from Dean Sondag, Cooperative Program Manager/Hydrometeorological Technician, National Weather Service Forecast Office Portland.

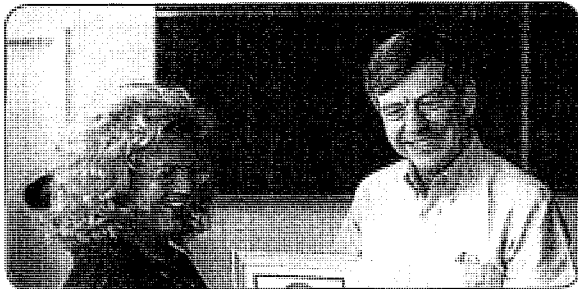
WESTERN REGION



MRS. MARYLYN S. DENTON, observer, **DOTY 3 E, WA**, received a **20-YEAR LENGTH-OF-SERVICE AWARD** from Bob Herzog.



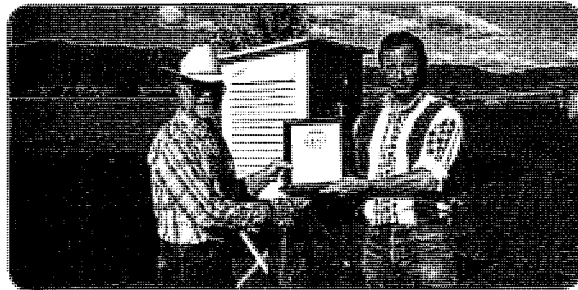
KEITH RUGG, observer, **ISMAY, MT**, along with his wife, accepts a **20-YEAR LENGTH-OF-SERVICE AWARD**. Award was presented by Bob Johnson.



A **20-YEAR LENGTH-OF-SERVICE AWARD** was presented to **ROBERTA (BOBBIE) WILCOX** (left), observer, **LA SAL 2 SE, UT**, by Bill Alder (right).



RICHARD JOHNSON (right)), observer, **AURORA, OR**, was presented with a **15-YEAR LENGTH-OF-SERVICE AWARD** by Clint Jenson (left).



A **15-YEAR LENGTH-OF-SERVICE AWARD** was presented to **GREG WEIGUM** (right), observer, **BIG HORN, WY**, by Bob Johnson (left).



A **15-YEAR LENGTH-OF-SERVICE AWARD** was presented to Clemma Johnson (center) for her husband, **CLARENCE JOHNSON**, observer, **BLUFF, UT**, who passed away in December 1997.



DICK BREWER, observer, **BRANDENBERG, MT**, received his **15-YEAR LENGTH-OF-SERVICE AWARD** from Bob Johnson.



BRYAN SWAN, observer, **COLSTRIP, MT**, received his **15-YEAR LENGTH-OF-SERVICE AWARD**. The award was presented by Bob Johnson.

WESTERN REGION



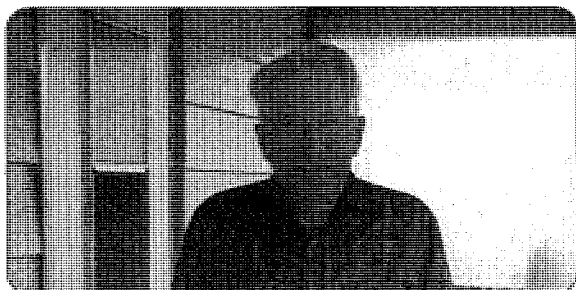
ADRIAN PETERSON (left), observer, **DAYTON, WY** was presented with his **15-YEAR LENGTH-OF-SERVICE AWARD** by Bob Johnson (right).



MR. RICHARD BERRIER (right) observer, **DIXIE, WA**, was presented a **15-YEAR LENGTH-OF-SERVICE AWARD** by James Zdrojewski.

NO PHOTO RECEIVED

A **15-YEAR LENGTH-OF-SERVICE AWARD** was presented to **MR. RON HAFNER**, observer, **LIVERMORE, CA**.



MR. ARNOLD M. PERTTULA, observer, **GRAYLAND, WA**, received a **15-YEAR LENGTH-OF-SERVICE AWARD** from Bob Herzog.



JOHN KINNEY, observer, **NYE #2, MT**, was presented his **15-YEAR LENGTH-OF-SERVICE AWARD** by Bob Johnson.



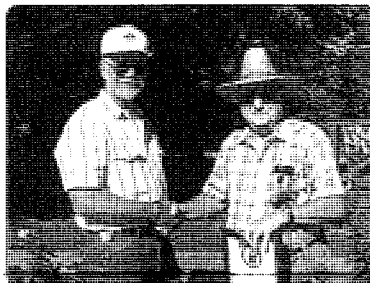
WILLIAM ARNETT, observer, **OCOTILLO, CA**, received a **15-YEAR LENGTH-OF-SERVICE AWARD**.



DIANE SCHWENKE (right), observer, **PORHILL 1 SW, ID**, received her **15-YEAR LENGTH-OF-SERVICE AWARD** from Larry Sossaman. Also pictured is Mrs. Schwenke's husband (left), Dean.



MRS. ELIZABETH ROSENBERG, observer, **CINEBAR 2 E, WA**, received a **10-YEAR LENGTH-OF-SERVICE AWARD** from Bob Herzog.



TOMMY SAUNDERS (right), observer, **COLUMBUS, MT**, received his **10-YEAR LENGTH-OF-SERVICE AWARD** from Bob Johnson (left).

NO PHOTO RECEIVED

MR. DALE JOSEWSKI, observer, **DECKER 4 NNE, MT**, received his **10-YEAR LENGTH-OF-SERVICE AWARD** from Bob Johnson.

WESTERN REGION



EUNICE ACHTENBERG, observer, HYSHAM, MT, received her 10-YEAR LENGTH-OF-SERVICE AWARD from Bob Johnson.



MS. CATHY MORGAN, observer, IOWA HILL, CA, was presented her 10-YEAR LENGTH-OF-SERVICE AWARD.



KEN KOWALCZYK (right), observer, JUDITH GAP, MT, received his 10-YEAR LENGTH-OF-SERVICE AWARD. Also pictured is Mabel Haynes (left), second observer.



MR. LUCIEN W. RAROGIEWICZ (right), observer, MOUNT WILSON, CA, received his 10-YEAR LENGTH-OF-SERVICE AWARD from Dennis Tussey (left).



A 10-YEAR LENGTH-OF-SERVICE AWARD was presented to MR. LEE LEHAMN, observer, QUARTZSITE, AZ.

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