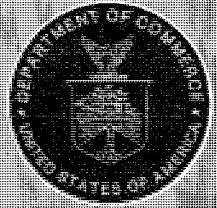


# The National Cooperative Observer



Summer 1996

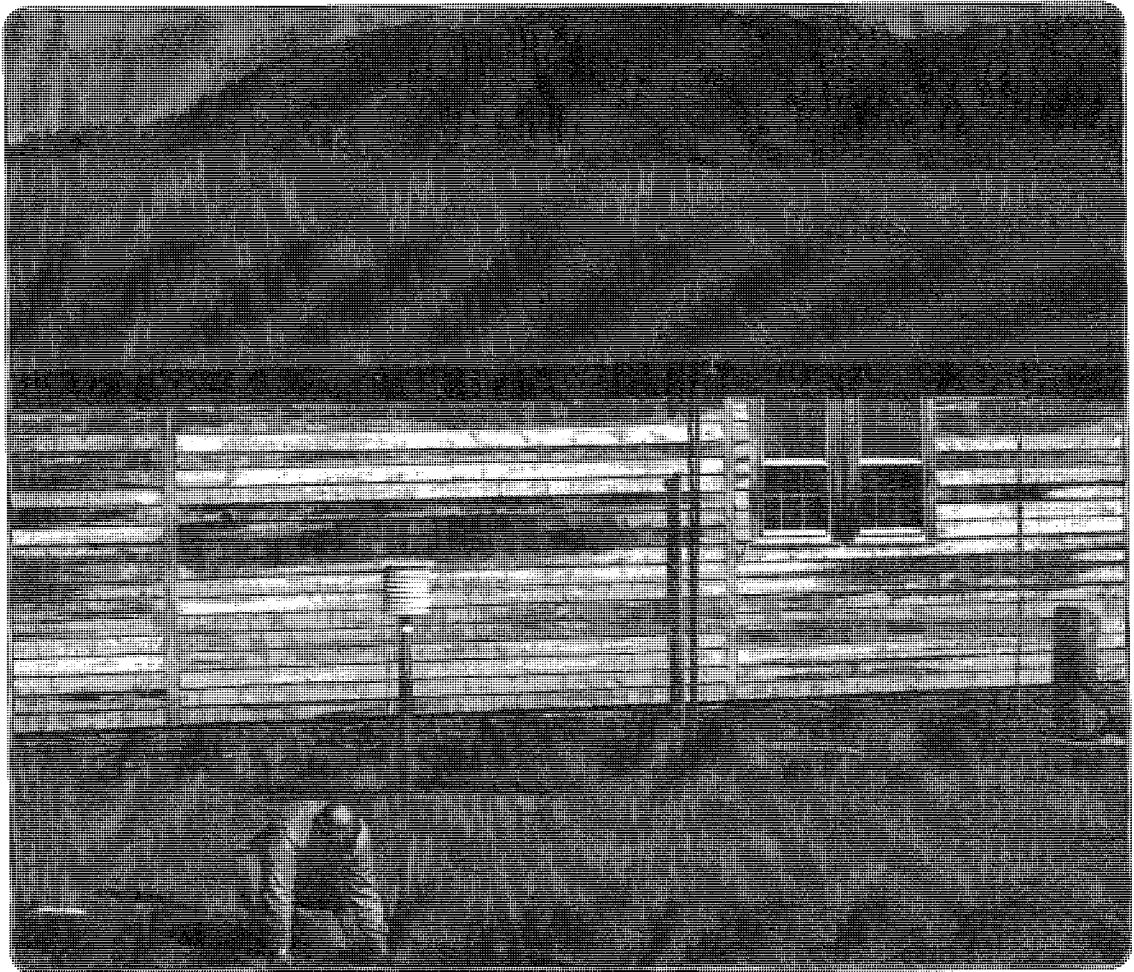
Volume 13

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: Grant W. Goodge, and the Orkand Staff,  
Alexander Radichevich, NWS Coordinator*

**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.

Photographs are taken by NWS employees unless otherwise noted. Narratives are prepared and submitted by the NWS. Narratives are edited only for grammatical errors, space limitations, and consistency.

The Cooperative Observers Climatological Network was created in 1890. The program is currently administered by the National Weather Service, a line office of the National Oceanic and Atmospheric Administration, an agency within the Department of Commerce. One of the responsibilities of the National Weather Service is to take meteorological observations which are used to record the climate conditions of the United States. The National Weather Service relies heavily on a vast network of cooperative weather observer volunteers to achieve this objective.

The National Weather Service determines where observations are needed and furnishes standard meteorological instruments to individuals who volunteer their time to take and record daily observations of the weather. Currently, there are about 8000 published volunteer observing stations located in the United States and its territories. In addition to the thousands of cooperative observations stations operated by individuals, many are maintained by institutions and commercial firms (universities, utility companies, etc.). All cooperative observers submit a monthly report summarizing daily weather observations. These contributions to the climate record of the United States are invaluable.

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:

Grant W. Goodge  
National Climatic Data Center  
151 Patton Avenue, Rm 120  
Asheville, NC 28801-5001

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**

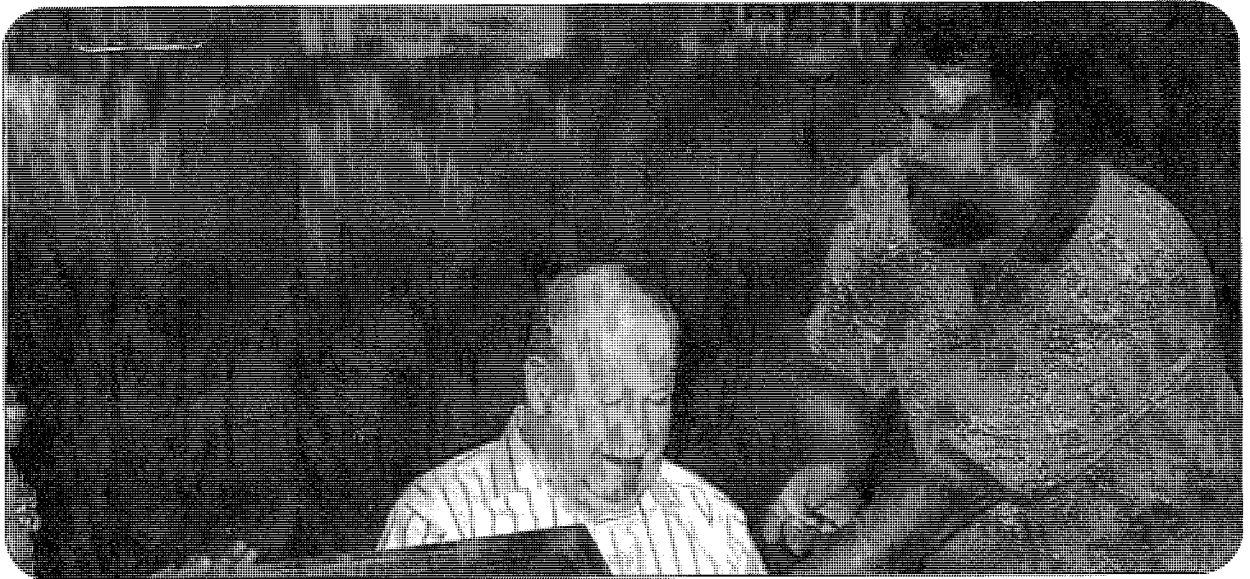
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**About the cover.** Earl Rampey (CPM Retired) installs the MMTS temperature sensor at the Mt. Mitchell, NC, coop station. Even though its location is about 400 feet below the 6,684 foot peak (distant background), it is still one of the highest weather stations east of the Mississippi River. The highest cooperative weather station east of the Mississippi River is Mt. LeConte, TN at 6493 feet. Photo by Grant W. Goodge. The Editor.

## CENTRAL REGION

### THOMAS JEFFERSON AWARD



**THOMAS AND MARY BETH WILSON** (left), observers, **LINCOLN, KS**, were presented the **THOMAS JEFFERSON AWARD** by Michael Joe Rosner (right), Cooperative Program Manager, Wichita, KS. Thomas Wilson has been the cooperative weather observer at Lincoln for over 36 years. Several family members and friends were on hand to help Thomas and Mary Beth celebrate this outstanding achievement. The Thomas Jefferson Award is the most prestigious award given to cooperative observers by the National Weather Service. It is named for our third president, who kept an almost unbroken series of weather records from 1776 to 1816. The award is given to no more than five of the approximately 11,000 cooperative observers nation-wide.

### JOHN CAMPANIUS HOLM AWARD



**WARREN BAIRD** (right), observer, **TIPTON 5 SW**, received the **JOHN CAMPANIUS HOLM AWARD** from John T. Curran, Area Manager-Indiana. Warren Baird is an exemplary individual who takes pride in serving his community and the nation. The weather equipment is located at "Oak Grove Farm" and has been used by Tipton County Schools for instructing children about weather and the environment on a regular basis. Local TV meteorologists use Warren's observations numerous times throughout the year. Whenever Warren is out of town, he ensures that Judy (left), his wife and backup observer, or his son-in-law, Steve Christenberry, take the observations. Warren has a near perfect (no missing observations) record.

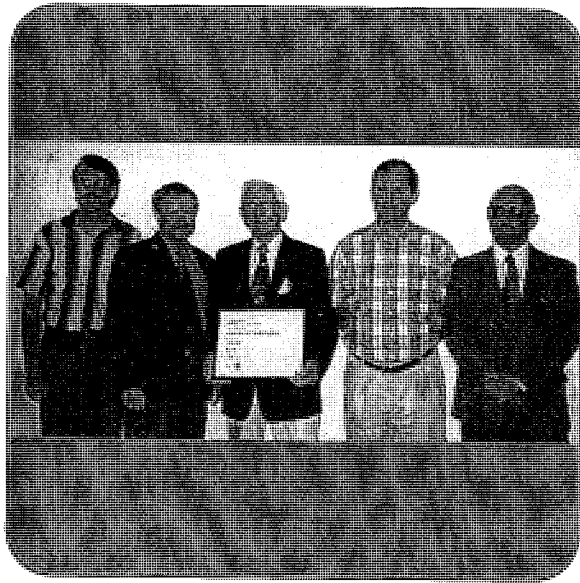
## CENTRAL REGION

### 100-YEAR INSTITUTIONAL AWARD



A **100-YEAR INSTITUTIONAL AWARD** was presented to the **VA HOSPITAL FIRE DEPARTMENT, FORT MEADE, SD**, by Dave Carpenter (right), Meteorologist In Charge. Accepting the award is Peter Henry (left), VA Director and in the back are representatives from the fire department.

### EDWARD H. STOLL AWARD



The **EDWARD H. STOLL AWARD** was presented to **NOBLE ALLEN**, observer, **SCOTTSVILLE 3 SSW, KY**. Pictured left to right: Mike Callahan, SH; Marvin Maddox, Meteorologist In Charge; Noble Allen; Rick Lasher, Hydrometeorological Technician; and Vern Beaver, Hydrometeorological Technician; Louisville, KY.

### 50-YEAR INSTITUTIONAL AWARD



The **AURORA CITY EMPLOYEES, AURORA, NE**, were presented with a **50-YEAR INSTITUTIONAL AWARD** by Steven D. Schurr (right), Meteorologist In Charge, and Marla K. Doxey (left), Data Acquisition Program Manager, from the NWS Hastings, NE, Office.

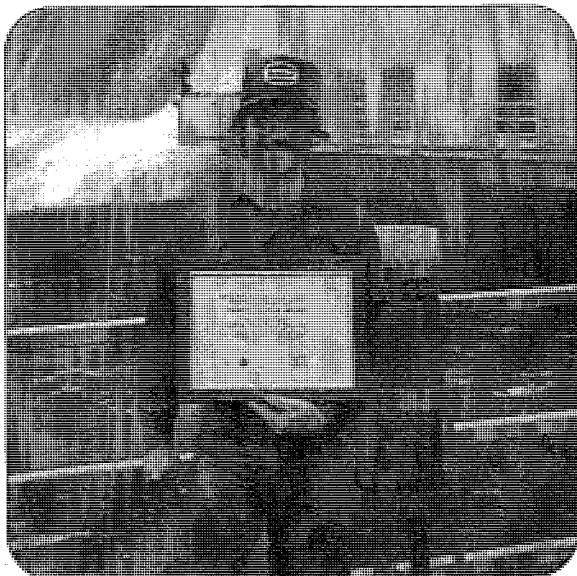
### 50-YEAR INSTITUTIONAL AWARD



Karen Joyce accepted a **50-YEAR INSTITUTIONAL AWARD** on behalf of the **BURLINGTON WASTE WATER TREATMENT PLANT, BURLINGTON, WI**, from Roland Friedrich.

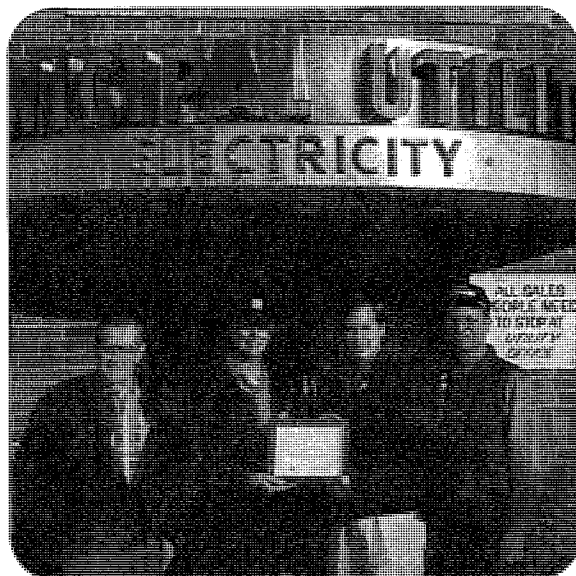
## CENTRAL REGION

### 50-YEAR INSTITUTIONAL AWARD



Forest Fox, Chief Operator, accepted a **50-YEAR INSTITUTIONAL AWARD** on behalf of the **NORTHERN STATES POWER COMPANY, CEDAR FALLS, WI.** The award was presented by Roland Friedrich, Hydrometeorological Technician/GRB.

### 50-YEAR INSTITUTIONAL AWARD



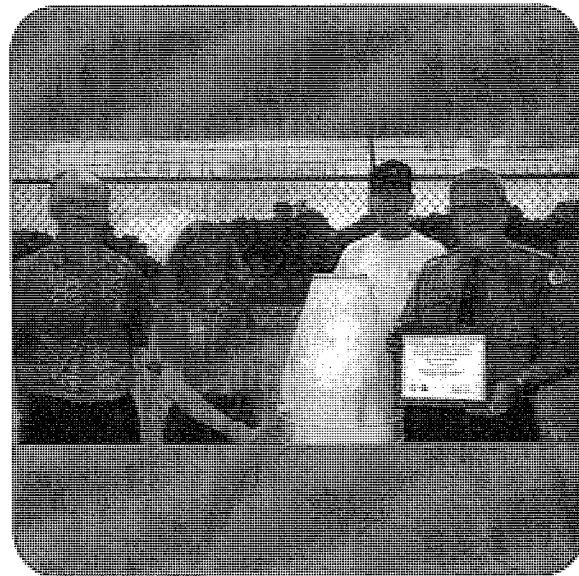
A **50-YEAR INSTITUTIONAL AWARD** was accepted for the **GENESEO MUNICIPAL UTILITIES, GENESEO, IL,** by Mayor Ed McCann. The award was presented by Raymond Wolf, SOO at Quad Cities. Picture was taken by Angel Corona, Cooperative Program Manager. Pictured left to right: Mayor Ed McCann, Station Supervisor Jim Roberts, Raymond Wolf, and Observer Rick Hull.

### 50-YEAR INSTITUTIONAL AWARD



The original observer, Bill Kerlinske (left) and the newest member, Gary Dzwinel (right) accepted a **50-YEAR INSTITUTIONAL AWARD** on behalf of the **WASTE WATER TREATMENT PLANT, HARTFORD, WI,** from Roland Friedrich.

### 50-YEAR INSTITUTIONAL AWARD



A **50-YEAR INSTITUTIONAL AWARD** was presented to the **U.S. CORPS OF ENGINEERS, WATSON, MN,** by Craig M. Edwards, Meteorologist In Charge, Chanhassen, MN. Pictured left to right: Craig M. Edwards, Sherolyn Bahl, Wayne Gustafson, Curtis Hanson.

## CENTRAL REGION

### SPECIAL SERVICE AWARD



**LEONARD CZAPLEWSKI**, observer, LOUP CITY, NE, was presented a **SPECIAL SERVICE AWARD** by Larry Wirth, Hydrometeorological Technician, Hastings, NE.



**BARBARA COOL**, observer, ALBANY 4 N, KY, was presented with a **45-YEAR LENGTH-OF-SERVICE AWARD** by Vern Beaver, Louisville, KY.



**JOHN AND STELLA CASKEY**, observers, LAC VIEUX DESERT, WI, received their **45-YEAR LENGTH-OF-SERVICE AWARD** from Roland Friedrick.



**MARY HARDEN**, observer, ANTIOCH, NE, received her **55-YEAR LENGTH-OF-SERVICE AWARD**.



**RAY AND ELIZABETH DELLINGER**, observers, HOWARD 5 NE, KS, received their **45-YEAR LENGTH-OF-SERVICE AWARD** from Leon Wasinger, Cooperative Program Manager; Richard Elder, Meteorologist In Charge; and Leo Ritter, Data Acquisition Program Manager. Pictured left to right: Elizabeth Dellinger, Leon Wasinger, Ray Dellinger, and Richard Elder.



**MRS. ETHAL JORDAN** (left), observer, HAMILTON, CO, was presented with her **40-YEAR LENGTH-OF-SERVICE AWARD** by Dio Musquiz (right), Data Acquisition Program Manager; and Gary Chancy, Hydrometeorological Technician, from NWSO Grand Junction, CO.

## CENTRAL REGION



A **40-YEAR LENGTH-OF-SERVICE AWARD** was presented to **GLADYS PIRSIG**, observer, **TRENTON, WI**. Pictured left to right: Town Chairman Jim Esselman; Gladys Pirsig; Ken Rizzo, Meteorologist In Charge; and Greg Davis, Hydrometeorological Technician. Staff photo by Patrick Roe.



Nellie Helwig (right), **BUSSEY 3 WNW, IA**, accepts a **35-YEAR LENGTH-OF-SERVICE AWARD** for her husband who recently passed away. Carrell Barlow (left), Cooperative Program Manager, Johnston, IA, presented the award.



**MR. ALAN P. KNIGHT** (right), observer, **DALTON, WI**, received his **35-YEAR LENGTH-OF-SERVICE AWARD** from Allen La Gree (left), Hydrometeorological Technician, NWSO Milwaukee/Sullivan, WI.



**ROBERT UTNE** (right), observer, **MADISON, MN**, received his **35-YEAR LENGTH-OF-SERVICE AWARD** from Craig M. Edwards (left).



**WAYNE SWITZER** (right), observer, **CLEARWATER, NE**, was presented with a **30-YEAR LENGTH-OF-SERVICE AWARD** by Ernie Tillotson (left), Joni Brand, and Gary Wiese from the NWS office in Valley, NE.

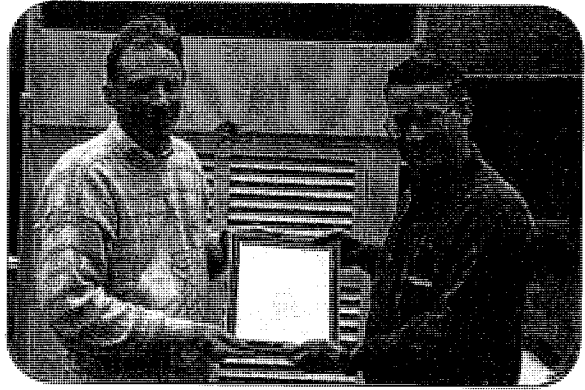


**GILBERT TEWS**, observer, **NEW ULM 2 S, MN**, received his **30-YEAR LENGTH-OF-SERVICE AWARD**.

## CENTRAL REGION



**ROSE MCMEEKIN** (right), observer, **OSAGE, WY**, was presented her **30-YEAR LENGTH-OF-SERVICE AWARD** by Dave Carpenter (left), Meteorologist In Charge, WSFO Rapid City.



A **25-YEAR LENGTH-OF-SERVICE AWARD** was presented to **RON SEVEN** (right), observer, **CLOQUET, MN**, by Jim Christianson (left), Data Acquisition Program Manager, WFO Duluth, MN.



**MR. DIETRICH KROENCKE** (right), observer, **GALENA, IL**, received his **25-YEAR LENGTH-OF-SERVICE AWARD** from Angel Corona (left). Picture taken by Ted Stimach, Cooperative Program Manager.



**MR. BOYCE D. HUMPHREYS** (right), observer, **LANARK, IL**, was presented his **25-YEAR LENGTH-OF-SERVICE AWARD** by Raymond Wolf (left), Science Operation Officer, NWS Quad Cities. Picture taken by Ted Stimach.



A **25-YEAR LENGTH-OF-SERVICE AWARD** was presented to **KATHY HOPPA** (center), observer, **TOWER 3 S, MN**, by James Christianson (left) and Sam Stanfield (right), C/HMT. This site recorded an official low of -60 degrees in February 1996 (coldest temperature ever recorded east of the Mississippi).



**MILDRED "IRENE" THOMPSON** (left), observer, **WOLBACH, NE**, received her **25-YEAR LENGTH-OF-SERVICE AWARD** from Larry Wirth (right).



## CENTRAL REGION



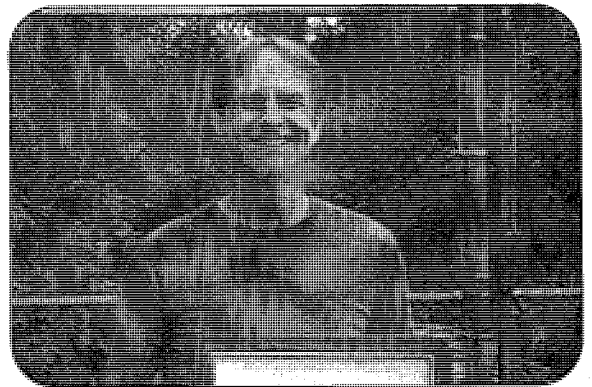
**MR. ARTHUR WILSON**, observer, **YELLOWJACKET, CO**, was presented with his **25-YEAR LENGTH-OF-SERVICE AWARD** by Dio Musquiz. Pictured left to right: Mr. Wilson; Ester Wilson, his wife; and Dio Musquiz.



A **25-YEAR INSTITUTIONAL AWARD** was presented to the **BELOIT YOUTH CENTER, BELOIT, KS**, by John Purdy (far right), Meteorological Intern, and Larry Wirth, Hastings, NE.



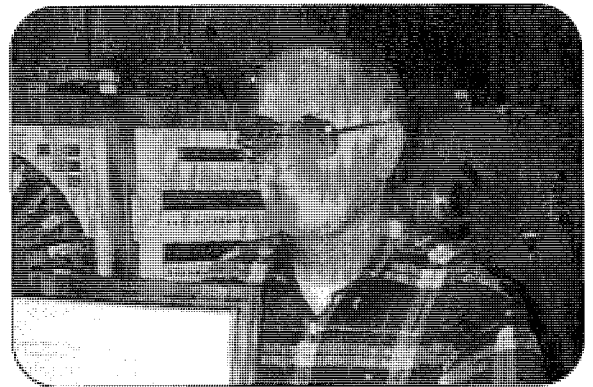
The **U.S. FOREST SERVICE EMPLOYEES, CASS LAKE, MN**, received a **25-YEAR INSTITUTIONAL AWARD** from Jim Christianson (left). The award was accepted by Melissa Rickers (right).



Kevin Brewster accepted a **25-YEAR INSTITUTIONAL AWARD** for the **EAGLE RIVER WASTE WATER TREATMENT PLANT, EAGLE RIVER, WI**, from Roland Friedrich.

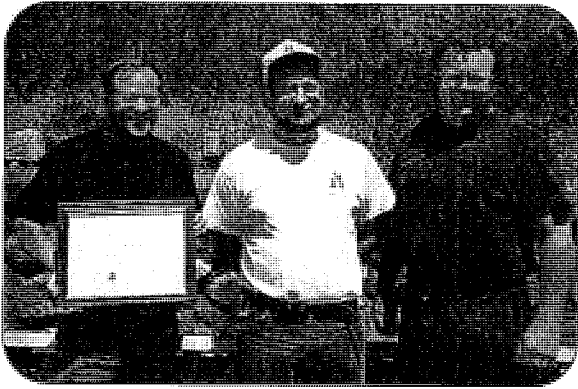


A **25-YEAR INSTITUTIONAL AWARD** was presented to Dafé Wanderschaaf on behalf of **HORICON WASTE WATER TREATMENT PLANT, HORICON, WI** by Roland Friedrich.



Walter Kaszynski accepted a **25-YEAR INSTITUTIONAL AWARD** for radio station **WOCO, OCONTO, WI**, from Roland Friedrich.

## CENTRAL REGION



Dick Garrow (left), Scott Hager (center), and Dennis O'Brien (right) accepted a **25-YEAR INSTITUTIONAL AWARD** on behalf of **RHINELANDER WASTE WATER TREATMENT PLANT, RHINELANDER, WI**. The award was presented by Roland Friedrick.



**PINE RIVER IRRIGATION DISTRICT, VALLECITO DAM, CO**, received a **25-YEAR INSTITUTIONAL AWARD**. Pictured left to right: Dio Musquiz, Christy Duran and Jay Hudgpeth.



**ED NAGLE** (left), observer, **ANGOLA, IN**, was presented a **20-YEAR LENGTH-OF-SERVICE AWARD** by Tom Arnold (right). Mr. Nagle is a professor at Tri State University.



Mrs. Jeanette Miller (right) was presented a **20-YEAR LENGTH-OF-SERVICE AWARD** posthumously for her husband, **NORMAN MILLER**, observer, **CHASE, KS**, by Richard Elder (left). Not pictured was Joe Rosner.



**CLYDE E. CRAMER** (left), observer, **HARDY 1 SW, NE**, received his **20-YEAR LENGTH-OF-SERVICE AWARD** from John Purdy (right) and Marla K. Doxey.



**VELMA K. KLASSEN** (right), observer, **HILLSBORO, KS**, received her **20-YEAR LENGTH-OF-SERVICE AWARD** from Leo Ritter (left).



**CECIL AND MERYL KNAPP**, observers, **ROCK, KS**, were presented their **20-YEAR LENGTH-OF-SERVICE AWARD**. Pictured left to right: Cecil Knapp, Leon Wasinger, Meryl Knapp, and Richard Elder.



**DONALD THOMPSON**, observer, **SPRING VALLEY, MN**, received his **20-YEAR LENGTH-OF-SERVICE AWARD**.

## CENTRAL REGION



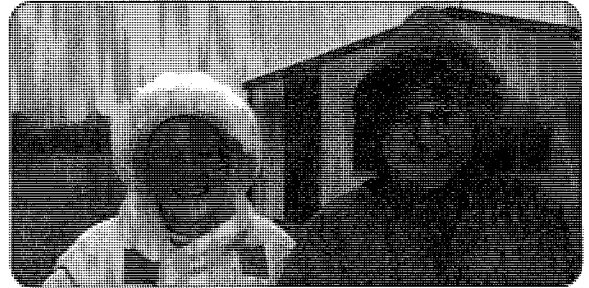
A **15-YEAR LENGTH-OF-SERVICE AWARD** was presented to **LAWRENCE RENNER** (left), observer, **ALMONT AND LARKION, ND**, by Vern Roller (right), HMT/CPM. WSFO Bismarck. Picture taken by Dave Hintz.



**KENNETH E. STONE** (left), observer, **CHERRY-VALE, KS**, received his **15-YEAR LENGTH-OF-SERVICE AWARD** from Leon Wasinger (right). Not pictured was Leo Ritter.



**MRS. TWILA REUSCH** (left), observer, **ELIZABETH 5 S, IL**, was presented her **15-YEAR LENGTH-OF-SERVICE AWARD** by Richard Arkell (right). Picture taken by Angel Corona.



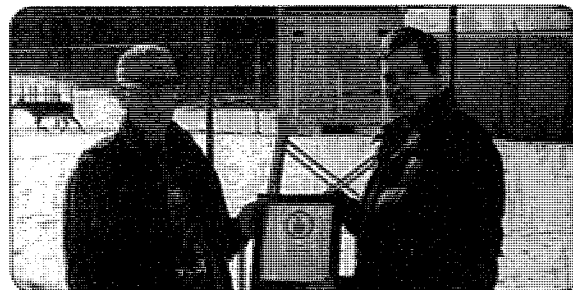
**PRISCILLA L. RIVERS** (left), observer, **GRENOLA, KS**, received her **15-YEAR LENGTH-OF-SERVICE AWARD** from Leon Wasinger (right). Not pictured is Leo Ritter.



**DALE MCMASTER**, observer, **INDEPENDENCE, KS**, was presented his **15-YEAR LENGTH-OF-SERVICE AWARD** by Leon Wasinger.



**LEO NOLAND**, observer, **LONGTON, KS**, received his **15-YEAR LENGTH-OF-SERVICE AWARD** from Richard Elder. Pictured left to right: Richard Elder, Leo Noland, and Donna Noland, Leo's wife.



**MR. GERALD L. BROWN** (left), observer, **MORRISON, IL**, received his **15-YEAR LENGTH-OF-SERVICE AWARD** at the Water Treatment Plant where he works. The award was presented by Raymond Wolf (right).



A **15-YEAR LENGTH-OF-SERVICE AWARD** was presented to **CARL AND DAN BUSH**, observers, **PERYSVILLE 4 WNW, IN**. Pictured left to right: Roger Kenyon, Dan Bush, and Ed Terrell.

## CENTRAL REGION



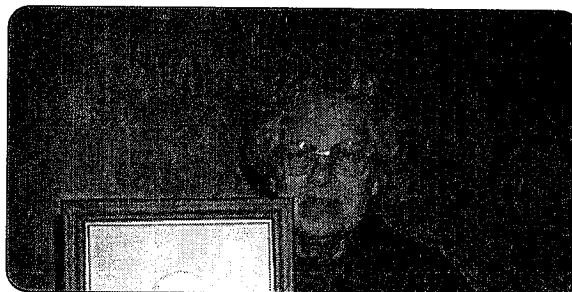
**MR. WAYNE WEGNER** (left), observer, RIPON, WI, received his **15-YEAR LENGTH-OF-SERVICE AWARD** from Rudy Schaar (right), Data Acquisition Program Manager.



**DONALD IRVINE** (left), observer, ST. MICHAEL, NE, received his **15-YEAR LENGTH-OF-SERVICE AWARD** from Larry Wirth. Pictured with Mr. Irvine is his daughter.



**VERN FERCH** (right), observer, WASECA EXPERIMENT STATION, MN, was presented his **15-YEAR LENGTH-OF-SERVICE AWARD** by Dave Kraft (left), Hydrometeorological Technician, Chanhassen WSFO.



**MRS. MARVIN ANDERSON**, observer, WASHINGTON ISLAND, WI, received her **15-YEAR LENGTH-OF-SERVICE AWARD**. Photo by Pat Hein.



**STAN FULKERSON**, observer, WILLIAMS DAN, IN, received his **15-YEAR LENGTH-OF-SERVICE AWARD**. Pictured left to right: Tom Arnold HMT, Al Shipe SH, and Stan Fulkerson.



**GERALD R. FITCH**, observer, ARGONIA, KS, received his **10-YEAR LENGTH-OF-SERVICE AWARD** from Leon Wasinger.



**TONY NISSEN**, observer, DAKOTA CITY, IA, was presented his **10-YEAR LENGTH-OF-SERVICE AWARD**.



**DONALD BOZORSKY**, observer, DUNN CENTER 2 SW, ND, received his **10-YEAR LENGTH-OF-SERVICE AWARD** from Vern Roller. Picture by Vern Roller.



**MR. JOHN A. HEISER**, observer, GRASSY BUTTE 2 ENE, ND, was presented with his **10-YEAR LENGTH-OF-SERVICE AWARD** by Vern Roller. Picture by Vern Roller.

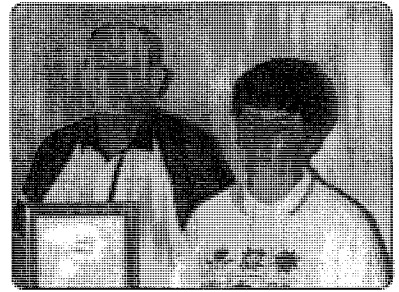
## CENTRAL REGION



A 10-YEAR LENGTH-OF-SERVICE AWARD was presented to ED REMFERT, observer, HEBRON, ND, by Vern Roller. Picture by Vern Roller.



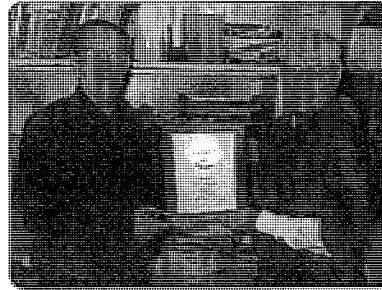
ROBERT E BIRD, JR, observer, HILLSBORO, WI, was presented his 10-YEAR LENGTH-OF-SERVICE AWARD by Roland Friedrich.



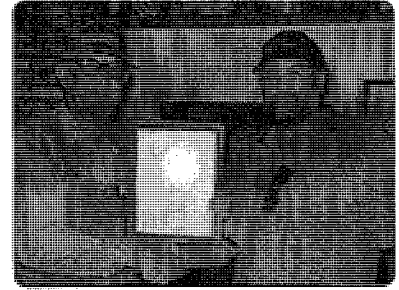
VERNON AND JACKIE SCHULZE, observers, HUMBOLDT, IA, received their 10-YEAR LENGTH-OF-SERVICE AWARD.



BRIAN MAKI (left), observer, HURLEY, WI, received his 10-YEAR LENGTH-OF-SERVICE AWARD from James Christianson (right).



IRVEN MAGNUSON (left), observer, LITCHFIELD, MN, was presented his 10-YEAR LENGTH-OF-SERVICE AWARD by Don Essler (right), C/HMT Chanhassen, MN.



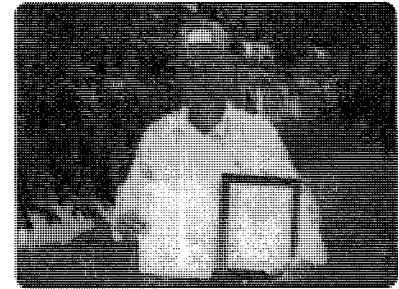
LEWIS MARTIN (left), observer, PRETTY PRAIRIE, KS, received his 10-YEAR LENGTH-OF-SERVICE AWARD from Joe Rosner (right). Not pictured is Randy Calaway, Hydrometeorological Technician, Wichita.



RICHARD HOLEN, observer, ST. FRANCIS, MN, received his 10-YEAR LENGTH-OF-SERVICE AWARD.



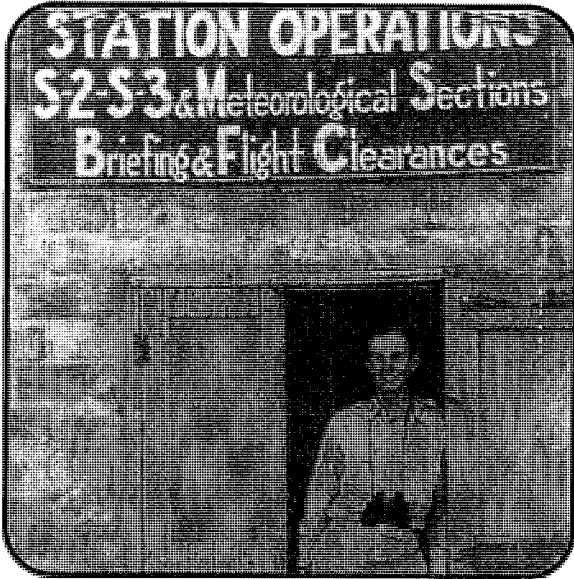
JERRY HUPP, observer, SWEA CITY, IA, was presented a 10-YEAR LENGTH-OF-SERVICE AWARD by Carrell Barlow.



G. ROBERT (BOB) WATKINS, observer, WONSEVU, KS, received a 10-YEAR LENGTH-OF-SERVICE AWARD from Michael J. Rosner.

## CENTRAL REGION

### TRIBUTE TO WORLD WAR II VETERANS



Some of our cooperative observers began their weather observation duties while serving the Nation in the military. This photograph shows the "young" Lewis J. Gould in the summer of 1944 in Foggia, Italy, where he was a staff weather officer for the 14th Fighter Group of the 15th Fighter Command. Lewis is now a veteran cooperative weather observer at Saint Charles, MI. Thanks to Lewis and others like him, who continue to serve their Nation.

## EASTERN REGION

### JOHN CAMPANIUS HOLM AWARD



Ken Haydu, Meteorologist In Charge, Wilmington, OH, presented the **JOHN CAMPANIUS HOLM AWARD** to **MR. HAROLD HOWICK**, observer, **CELINA, OH**. This award is presented to a maximum of twenty-five observers each year. Mr. Howick was also presented with a **40-YEAR LENGTH-OF-SERVICE AWARD** by Sam McNeil, Data Acquisition Program Manager, Wilmington, OH. Jim Torrence, Hydrometeorological Technician, Wilmington, OH read a congratulation letter from Ohio Senator Michael DeWine. Betty A. Borger, Regional Cooperative Program Manager, Eastern Region Headquarters presented Mr. Howick with an American Flag. Pictured left to right are: Jim Torrence, Sam McNeil, Harold Howick, Betty Borger, and Ken Haydu. Photo by Don Hughes, Hydrometeorological Technician, Wilmington, OH.

### 50-YEAR INSTITUTIONAL AWARD



**BRUCE GUAY**, observer, **ELLENBURG DEPOT, NY**, accepted a **50-YEAR INSTITUTIONAL AWARD** on behalf of the **Finley's Farm & Country**. **Crystal Trulove**, Hydrometeorological Technician, Burlington, VT, made the presentation.

### SPECIAL SERVICE AWARD



A **SPECIAL SERVICE AWARD** was presented to the **U.S. CORPS OF ENGINEERS, CARROLLTON LOCK 1, KY**. **Ken Haydu** (left) and **Julie Dian** (right), Service Hydrologist, Wilmington, OH, presented the award to **Jerry Connelly** (center), U.S. Corps of Engineers.

## EASTERN REGION

### SPECIAL SERVICE AWARD



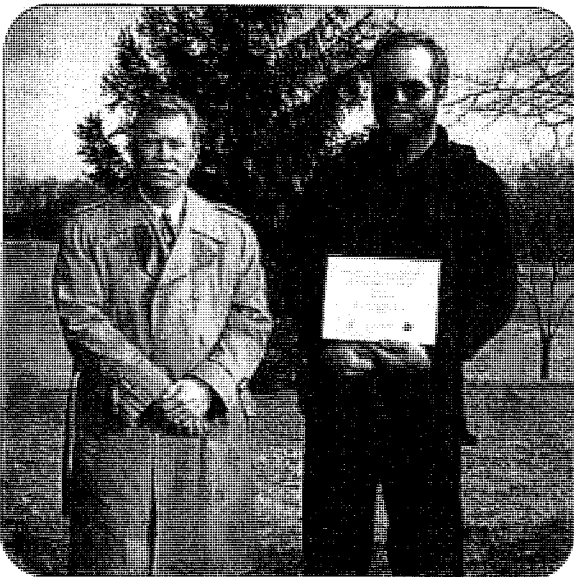
**BILL HALL** (right), observer, VERMONT DEPARTMENT OF FORESTS AND PARKS, ESSEX JUNCTION 1 N, VT, was presented a **SPECIAL SERVICE AWARD**. Mr. Hall retired after 30 years of taking weather observation. Presentations were made by Crystal Trulove (left) and William Grady (center), Data Acquisition Program Manager Burlington, VT.

### SPECIAL SERVICE AWARD



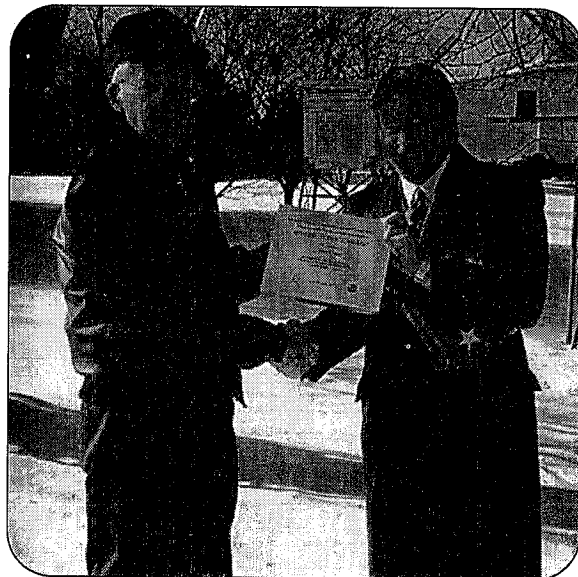
**NEVA SUE TEEGARDEN** (left), observer, FALMOUTH, KY, was presented with a **SPECIAL SERVICE AWARD**. Julie Dian (right) made the presentation. Mrs. Teegarden lost her home when severe flooding occurred along the Ohio River and its tributaries, but she did take her WS Form B-91 with her so she saved the February records. All the equipment inside her house, MMTS display, ROSA phone, are unrecoverable.

### SPECIAL SERVICE AWARD



**MR. ALFRED HAWKINS** (right), observer, UNIVERSITY OF MARYLAND, UPPER MARLBORO, MD, was presented a **SPECIAL SERVICE AWARD**. Bill Smith (left), Hydrometeorological Technician, Sterling, VA, made the presentation.

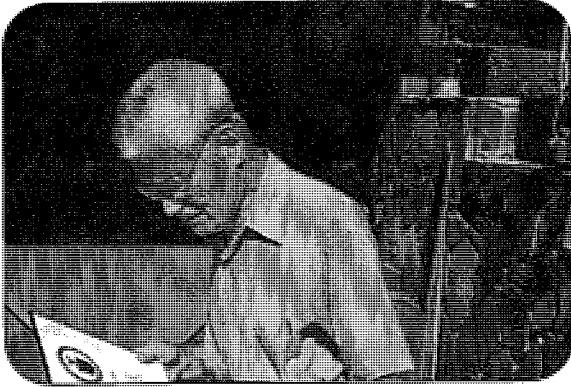
### SPECIAL SERVICE AWARD



**JOHN A. HILTZ** (left), observer, WOODSDTOCK, MD, received a **SPECIAL SERVICE AWARD**. John Newkirk (right), Data Acquisition Program Manager, Sterling, VA, presented the award.



## EASTERN REGION



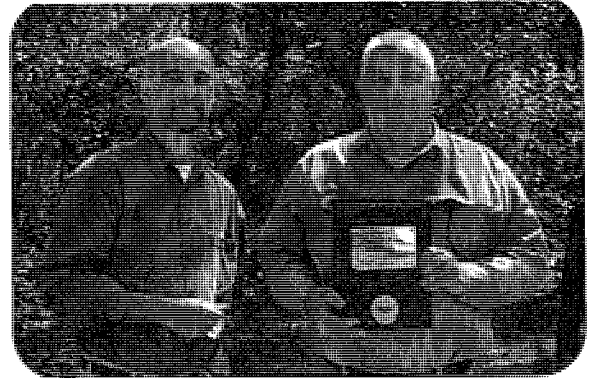
**Dr. E. R. OHLE**, observer, **CELO 2 S, NC**, was presented with a **45-YEAR LENGTH-OF-SERVICE AWARD**. Presentation was made by Jim Curtis, Hydrometeorological Technician, Greenville-Spartanburg, SC.



**HARRY AND MARY SMITH** (right), observers, **CADIZ, OH**, received a **40-YEAR LENGTH-OF-SERVICE AWARD**. Presentation was made by Theresa Rossi (left), Meteorologist In Charge, Pittsburgh, PA. Also attending were Robert Coblentz, Data Acquisition Program Manager, Nancy Eiben, Service Hydrologist and Lee Hendricks, Hydrometeorological Technician.



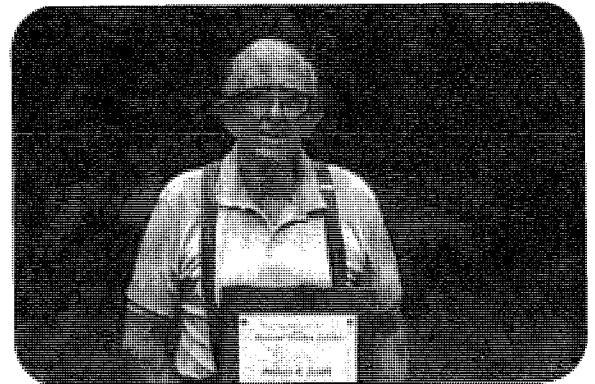
**EDWARD W. WHITE** (right), observer, **CASAR, NC**, was presented with a **40-YEAR LENGTH-OF-SERVICE AWARD**. Jim Curtis (left) presented the award.



**MR. RAY HARRIS** (right), observer, **CEDAR ISLAND, NC**, received a **40-YEAR LENGTH-OF-SERVICE AWARD**. Thomas Kriehn (left), Meteorologist In Charge, Newport, NC, made the presentation. In attendance from the Newport Office were Al Purdy, Hydrometeorological Technician, Robert Frederick, Forecaster and Central Wills, Data Acquisition Program Manager.

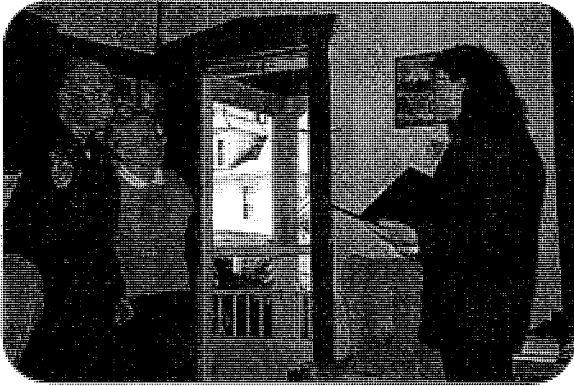


**EDWIN COPELAND**, observer, **MILLPORT 2 NW, OH**, was presented with a **40-YEAR LENGTH-OF-SERVICE AWARD**. The station was established in 1892 on the original Copeland farm. Pictured left to right: Theresa Rossi, Edwin Copeland, Mrs. Copeland, Lee Hendricks and Nancy Eiben.

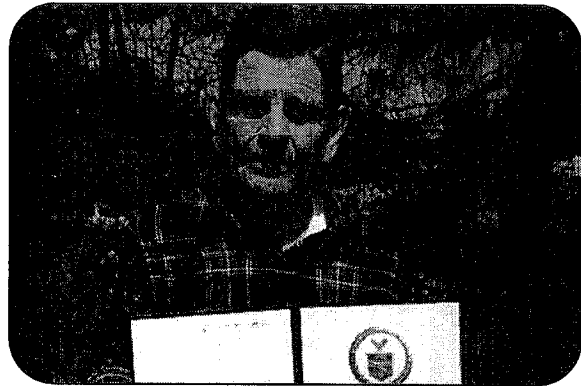


**ARTHUR A. SMITH**, observer, **MERWINSBURG, PA**, was presented with a **35-YEAR LENGTH-OF-SERVICE AWARD** by Bill Christ, Hydrometeorological Technician, Mount Holly, NJ.

## EASTERN REGION



**KEN AND DOROTHY MAXWELL** (left), observers, **MERCER, PA**, received a **30-YEAR LENGTH-OF-SERVICE AWARD**. Theresa Rossi (right) made the presentation. Also attending was Nancy Eiben.



**HARRY R. COULTER**, observer, **STOUDSBURG, PA**, was presented a **30-YEAR LENGTH-OF-SERVICE AWARD**. Bill Christ made the presentation.



**ROBERT W. DEDMONDT** (left), observer, **TRYON, NC**, was presented with a **30-YEAR LENGTH-OF-SERVICE AWARD**. The award was presented by Jim Curtis (right) at the monthly meeting of the Polk County Historical Society.



**JOHN PRIESTER** (right), observer, **BAYBORO, NC**, was presented with a **25-YEAR LENGTH-OF-SERVICE AWARD**. Geary Central Willis (left), Data Acquisition Program Manager, Newport, NC, made the presentation.



**JOYCE BRASSARD** (right), observer, **BROOK-FIELD, VT**, received a **25-YEAR LENGTH-OF-SERVICE AWARD** from Kim McCartney (left), Meteorologist, Burlington, VT.



**HERMAN FONNER** (right), observer, **DALLAS, WV**, was presented with a **25-YEAR LENGTH-OF-SERVICE AWARD** by Nancy Eiben (left). Also attending the presentation from the Pittsburgh office was Richard Kane, Warning Coordination Meteorologist.

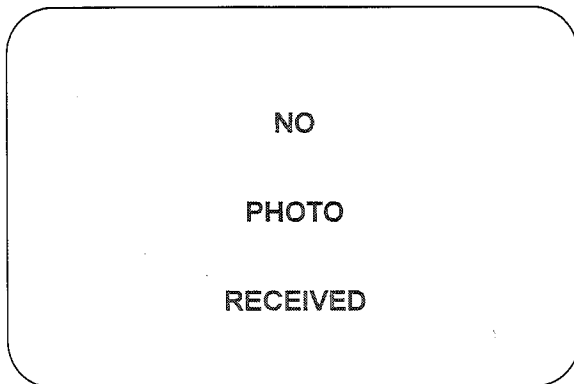
## EASTERN REGION



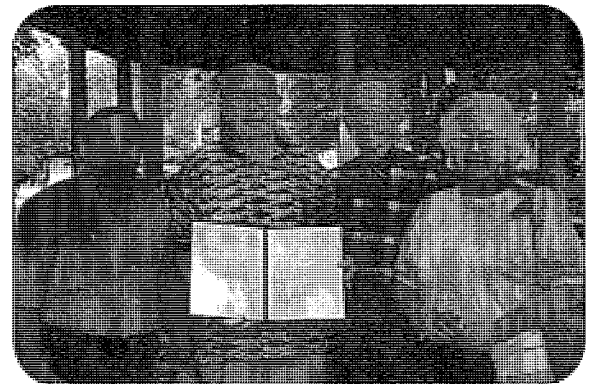
**JAMES H. FANKELL** (left), observer, **GRAYSON 2 E, KY**, was presented with a **25-YEAR LENGTH-OF-SERVICE AWARD** by Congressman **Bob Wise** (right) and **Mike Washington**, Warning Coordinator Meteorologist, Charleston, WV.



**MR. AND MRS. EARL DHUME**, observers, **GREENFIELD 1 WNW, OH**, received a **25-YEAR LENGTH-OF-SERVICE AWARD** from **Ken Haydu** and **Sam McNeil**. Pictured left to right: **Sam McNeil**, **Earl Dhume**, **Mrs. Dhume** and **Ken Haydu**.



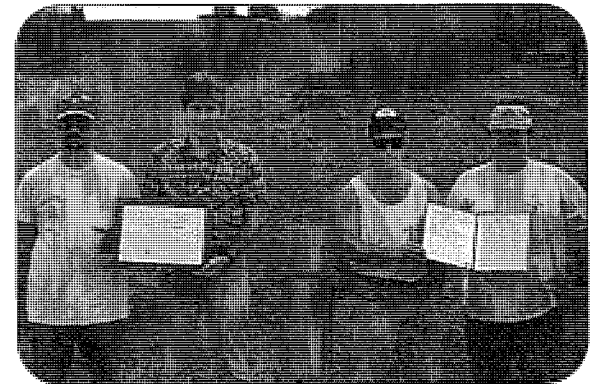
**MARTHA PATERSON**, observer, **LINCOLN, NH**, was presented with a **25-YEAR LENGTH-OF-SERVICE AWARD**. **James Brown**, Hydrometeorological Technician, Gray, ME, made the presentation.



**CHESTER STEWART**, observer, **RIDGELAND, SC**, was presented with a **25-YEAR LENGTH-OF-SERVICE AWARD** by **David George**, Data Acquisition Program Manager, Charleston, SC. He also received a letter of appreciation from Senator **Ernest "Fritz" Hollings**. Pictured left to right: **David George**, **Chester Stewart**, **Richard Maerklin** and **Mrs. Helen Stewart**.



**JON L. BONNELL**, observer, **WEST UNION, WV**, was presented with a **25-YEAR LENGTH-OF-SERVICE AWARD**. **Paul Gilkerson**, Hydrometeorological Technician, Charleston, WV made the presentation.

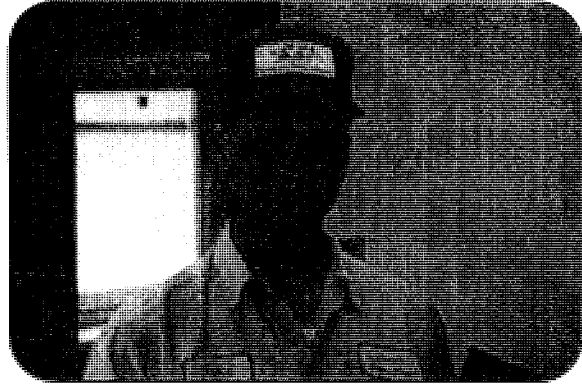


**Randell Hatfield**, Hydrometeorological Technician, Charleston, WV, presented the **CITY OF GALLIPOLIS WASTE WATER TREATMENT PLANT, GALLIPOLIS, OH**, with a **25-YEAR INSTITUTIONAL AWARD**. Pictured from left-to right: **John Moss**, **John Westfall**, **Lee Money** and **Paul Moss**.

## EASTERN REGION



Jim Curtis (left), presented the **LINCOLN TON WATER PLANT, LINCOLN TON, NC**, with a **25-YEAR INSTITUTIONAL AWARD**.



John Isenberg accepted a **25-YEAR INSTITUTIONAL AWARD** on behalf of the **BOROUGH OF TRYONE, TRYONE, PA**, from Bret Christoe, Hydrometeorological Technician, State College, PA.



**GEORGE RINGER** (left), observer, **HOPEDALE, OH**, was presented with a **20-YEAR LENGTH-OF-SERVICE AWARD** by Nancy Eiben (right). Also attending was Richard Kane.



**ROBERT BAKER** (left), observer, **CADES, SC**, was presented with a **15-YEAR LENGTH-OF-SERVICE AWARD** by Tom Addington, Data Acquisition Program Manager, and Rick Gravitt (right), Hydrometeorological Technician.



**DAVE WERNER** (center), observer, **MALONE, NY**, was presented with a **15-YEAR LENGTH-OF-SERVICE AWARD** by William Grady (left). Pictured at right is Mrs. Susan Werner.



**WILLIAM BURCKHOLTER** (right), observer, **PHILO, OH**, received a **15-YEAR LENGTH-OF-SERVICE AWARD** from Nancy Eiben (left).



**MS. MARY B. MITCHUM**, observer, **TURNERSBURG, NC**, was presented with a **15-YEAR LENGTH-OF-SERVICE AWARD** by Jim Curtis.



**LAURETTA FISH** (center), observer, **WHIPPLEVILLE, NY**, was presented a **15-YEAR LENGTH-OF-SERVICE AWARD** by Robert Bell (right), Meteorologist in Charge, and Crystal Trulove (left).

## EASTERN REGION



**WALTER J. LOUGHLIN, JR.**, observer, FLEMINGTON, NJ, was presented a **10-YEAR LENGTH-OF-SERVICE AWARD** by Bill Christ.



**JOHN CHIDESTER**, observer, ROCK CAVE, WV, was presented with a **10-YEAR LENGTH-OF-SERVICE AWARD** by Congressman Bob Wise (right), and Mike Washington (center). The award was accepted by John's wife, Pat (left).

### IN MEMORY OF WILLIAM B. GILLESPIE, JR.



Cooperative weather observers are a special group of people and among them Billy Gillespie stood out. In 1996, Mr. Gillespie celebrated his 50th year as a cooperative weather observer at Effingham, SC, assuming the duties from his father, who was the official observer from 1918 until 1946. Mr. Gillespie's record of observation is remarkable. From 1918 until 1966, not a single observation was missed and that record appears to have remained intact until he was hospitalized in mid June. Over the years, he has received numerous awards, including the John Campanius Holm Award (the National Weather Service's highest honor).

His dedication and loyalty comes as no surprise to those who knew him. Mr. Gillespie graduated with honors, and with no demerits, from the Citadel where he earned a degree in economics. During World War II, he served as a Major in the U.S. Army. His lifetime of service to his church, his community, his state and the nation will be missed by many, including his friends at the National Weather Service.

## PACIFIC REGION

### 100-YEAR INSTITUTIONAL AWARD



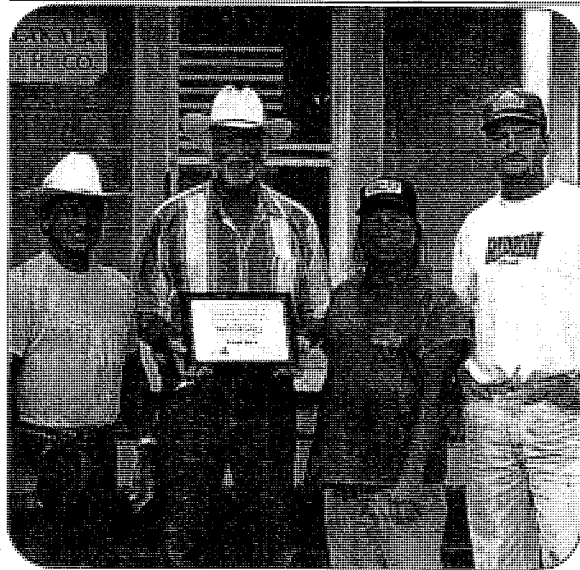
A 100-YEAR INSTITUTIONAL AWARD, LUPI UPPER STATION, was presented to EAST MAUI IRRIGATION COMPANY, ISLAND OF MAUI, HI. Company observers left to right: (kneeling): Tai-Chong Honokaupu; Stephen Cabral, Superintendent; Sam Cornelio; (standing): Henry Robello; Andrew Honokaupu; Eugene Baisa, David Medeiros; Michael Magliato; Thomas Koomoa; Edward Tanouye; Brian Perreira and David Wood. Observers missing from photo: Nelson Akiu; Kailana Andaya; Albert Honokaupu, Senior Supervisor; Joseph Honokaupu and Lyman Koomoa.

### 50-YEAR INSTITUTIONAL AWARD



DEPT. OF PUBLIC SAFETY REPRESENTATIVES received a 50-YEAR INSTITUTIONAL AWARD on behalf of the CORRECTIONAL FACILITY, KULANI CAMP, HI. Pictured left to right: (sitting) Kulani Correctional Facility Warden Peter MacDonald and Capt. Frank Calma; (Standing): Lt. Walter Takiue, Lt. Sherman Kobayashi, Sgt. Michael Carvalho and Sgt. Myles Iyo.

### 100-YEAR INSTITUTIONAL AWARD



HALEAKALA RANCH COMPANY REPRESENTATIVES, WAIOPAI RANCH, HI, received a 100-YEAR INSTITUTIONAL AWARD. Pictured left to right: Ken Freitas; Peter Baldwin, President; Blondie Freitas and Chris Baldwin.



SHINICHI KANESHIRO, observer, WAIAKEA SCD, HILO, HI, received an individual 35-YEAR LENGTH-OF-SERVICE AWARD.



JAMES NIESS, observer, KAUPAKULUA, HI, received a 10-YEAR LENGTH-OF-SERVICE AWARD.

## SOUTHERN REGION

### HELMUT E. LANDSBERG AWARD



MR. WILLIAM C. BOOTH (right), observer, **WOODSTOCK, GA**, was presented the **HELMUT E. LANDSBERG AWARD** by Carlos Garza (left) Meteorologist In Charge, Peachtree, GA. Also present for the celebration was Frank Taylor, Data Acquisition Program Manager; Mike Asmus, SRCPM, Ft. Worth, TX; and Grant Goodge, QC Chief of NCDC, Asheville, NC. The mayor of Woodstock also proclaimed July 4 as "William C. Booth Day".

### 50-YEAR INSTITUTIONAL AWARD

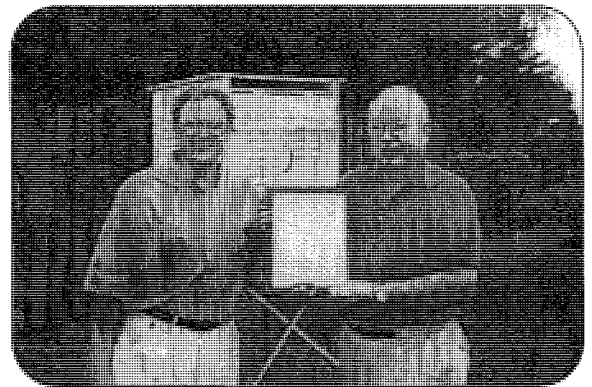


Mr. Ike Terrell (left) of the **CHEVRON PIPELINE COMPANY, MIDLAND 4 ENE, TX**, accepted a **50-YEAR INSTITUTIONAL AWARD** from Ray Fagen (right), Meteorologist In Charge of the Midland Texas National Weather Service Office.

### SPECIAL SERVICE AWARD



**JIMMY IRONS** (left), observer, **BLAKELY MOUNTAIN DAM, AR**, accepted a **SPECIAL SERVICE AWARD** from Jimmy Russell (right), Hydrometeorological Technician, NWSFO Little Rock. The award was given for maintaining the punch gauge for 16 plus years.



**JOHN M. KELLY** (right), observer, **MOULTON, AL**, was presented a **40-YEAR LENGTH-OF-SERVICE AWARD**. Presenting the award is David Wilfing (left), Data Acquisition Program Manager, of the Birmingham National Weather Service Office.

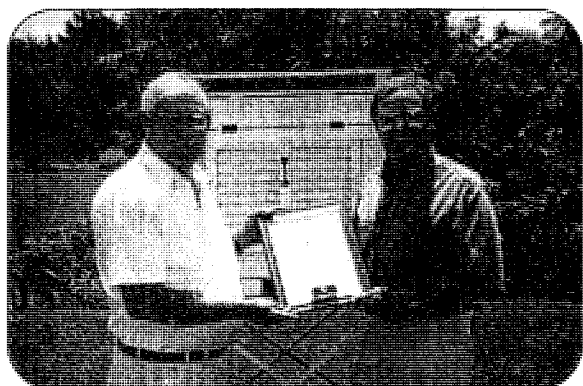
## SOUTHERN REGION



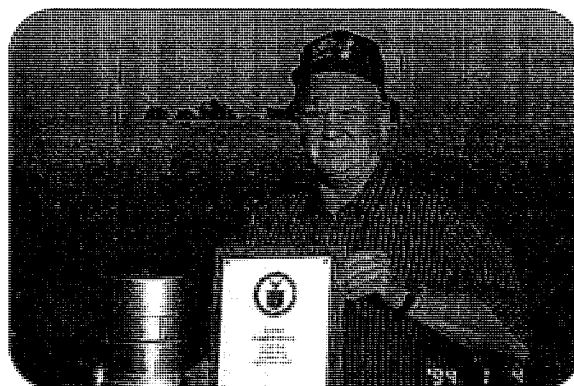
**MR. DONALD S. FORTNER** (right), observer, **COVINGTON 1 W, TN**, was presented a **35-YEAR LENGTH-OF-SERVICE AWARD**. This station began in February 1883. Ed Ingram (left), Hydrometeorological Technician of the Memphis, TN, Forecast Office made the presentation.



**MR. GEORGE FOWLER** (left), observer, **MONTEZUMA, GA**, accepted a **35-YEAR LENGTH-OF-SERVICE AWARD** from Jim Blair (right), Hydrometeorological Technician, Peachtree City, Georgia.



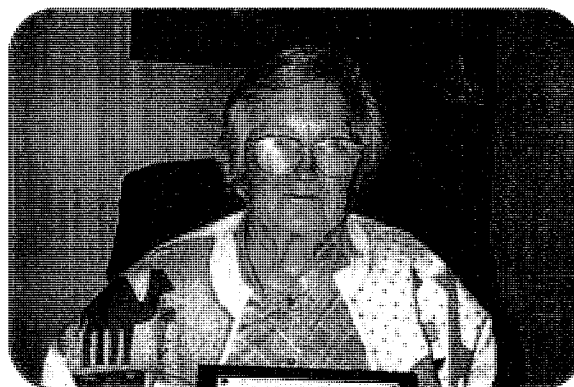
**WILLIAM B. CROW** (left), observer, **VALLEY HEAD, AL**, was presented a **35-YEAR LENGTH-OF-SERVICE AWARD** by David Wilfing (right).



**MR. LENDELL W. STOWERS**, observer, **RETROP, OK**, received a **30-YEAR LENGTH-OF-SERVICE AWARD** from Carl Wilkins, Hydrometeorological Technician, Norman. The picture was also taken by Carl.



**RUSSELL H. CARTER** (right), observer, **EVENING SHADE, AR**, received a **25-YEAR LENGTH-OF-SERVICE AWARD** from Jimmy Russell (left).



**MILDRED KIMBROUGH**, observer, **HENRIETTA, TX**, received a **25-YEAR LENGTH-OF-SERVICE AWARD**. The award was presented by Carl Wilkins.



## SOUTHERN REGION



**JOHN KIMBROUGH**, observer, **HENRIETTA 2 W, TX**, received a **25-YEAR LENGTH-OF-SERVICE** from Carl Wilkins.



**MRS. MARGE PAPAY** (right), observer, **MORSE, TX**, was presented a **25-YEAR LENGTH-OF-SERVICE AWARD**. The presentation was made by Mr. Jose Garcia (left), Meteorologist In Charge and Mr. Stephen Bilodeau, Hydrometeorological Technician, both from the Amarillo Weather Forecast Office.



**RAYMOND WALLS** (right), observer, **MURFREESBORO 2 NNW, AR**, received a **25-YEAR LENGTH-OF-SERVICE AWARD** from Jimmy Russell (left). Raymond Walls retired and the station was relocated and the new observer is Alan Walls, Raymond's son.



**MR. GRADY YEARY** (left), observer, **PERRYTON 11 WNW, TX**, was presented a **25-YEAR LENGTH-OF-SERVICE AWARD** by Jose Garcia (right).. Billy Beams, Data Acquisition Program Manager/AMA assisted with the presentation.



**THE BLYTHEVILLE, AR, WATER WORKS** was presented a **25-YEAR INSTITUTIONAL AWARD** by Jack Jackson (left) of the National Weather Office in Memphis. Accepting the award (left to right): Robert White, General Manager; David Copeland, Plant Superintendant; and Jim Smith, Plant Operator. Buzz Merkelwitz, Service Hydrologist, assisted with the presentation.



**THE LOUISIANA POWER & LIGHT CO., STERLINGTON, LA**, was presented a **25-YEAR INSTITUTIONAL AWARD** by Richard Ogle (right) Hydrometeorological Technician of the Shreveport, LA Forecast Office. He presented the award to company representatives (left to right): Gary Barnes, Mark Gulley and Allen Johnson.

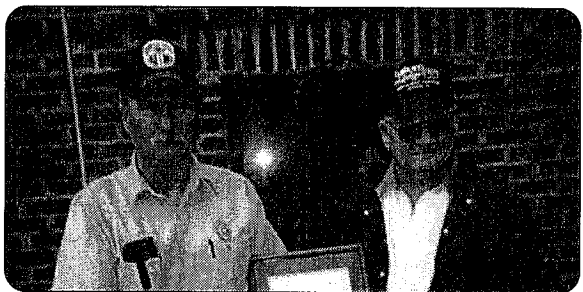
## SOUTHERN REGION



**TOMMIE JO CRUSE** (left), observer, **FLOMOT 4 NE, TX**, was presented a **20-YEAR LENGTH-OF-SERVICE AWARD** by Larry Toombs (right), Data Acquisition Program Manager, at Lubbock. Photo was taken by Bill Hopkins.



**MR. HUGH STRICKLAND**, observer, **LOCKETTVILLE GIN, TX**, was presented a **20-YEAR LENGTH-OF-SERVICE AWARD** by Johnny Wallace, Hydrometeorological Technician, from the National Weather Service office in Lubbock, TX.



**ORVAL EVANS** (left), observer, **TULSA METROPOLITAN WATER AUTHORITY**, was presented a **20-YEAR LENGTH-OF-SERVICE AWARD** by Jerry Yeager, Hydrometeorological Technician, Tulsa NWS Office.



**MR. AND MRS. DALLAS STEVENSON** observers, **LIBERTY 2 E, MS**, were presented a **15-YEAR LENGTH-OF-SERVICE AWARD** by Jake Herty, Hydrometeorological Technician, of the Slidell-New Orleans area Forecast Office.



**MR. H. PAUL ELROD**, observer, **NAPLES 5 NE, TX**, was presented a **15-YEAR LENGTH-OF-SERVICE AWARD** by Grady Wright, Hydrometeorological Technician, of the Shreveport, LA, Forecast Office.



**BERNADINE FRYAR** (right), observer, **ODEN 1 SE, AR**, received a **15-YEAR LENGTH-OF-SERVICE AWARD** from Jimmy Russell (left).



**MR. DONALD L. WATERWORTH SR** (left), observer, **POCAHONTAS, AR**, was presented a **15-YEAR SERVICE AWARD** by Ed Ingram (right). Mr. Waterworth is only the second observer, since data started in April 1894 by the Benedictine Sisters Convent & School.



**ROY BENNET** (left), observer, **ROCK MILLS, AL**, received a **15-YEAR LENGTH-OF-SERVICE AWARD** from David Wilfing (right).

## SOUTHERN REGION



**MALCOLM AND ROSEMARIE MOREAU** (right), observers, **BATON ROUGE-CONCORD, LA**, were presented a **10-YEAR SERVICE AWARD** by Jake Herty (left).



**ELIZABETH L. DESOTO** (left), observer, **CUBERO, NM**, received a **10-YEAR LENGTH-OF-SERVICE AWARD** from Tom Wright (right) of the Albuquerque NWS office.



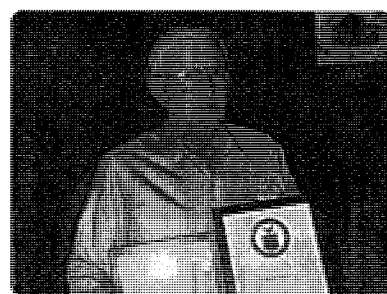
**TODD HIDALGO** (left), observer, **DONALD-SONVILLE, LA**, was presented a **10-YEAR LENGTH-OF-SERVICE AWARD** by Jake Herty (right).



**NEOMA WILLIAMS** (right), observer, **HART, TX**, received a **10-YEAR LENGTH-OF-SERVICE AWARD**. Johnny Wallas (left) and Larry Toombs, Lubbock, TX forecast office presented the award.



**MS. POLLY ELMORE** (right), observer, **KILLEEN 3 S, TX**, was presented a **10-YEAR LENGTH-OF-SERVICE AWARD** by Walter R. Livingston (left), Hydrometeorological Technican/ Fort Worth, TX.



**MR. WAYNE POYNER**, observer, **PAULS VALLEY, OK**, received a **10-YEAR LENGTH-OF-SERVICE AWARD** from Johnny Roberts, Hydrometeorological Technican, Norman, OK, forecast office.

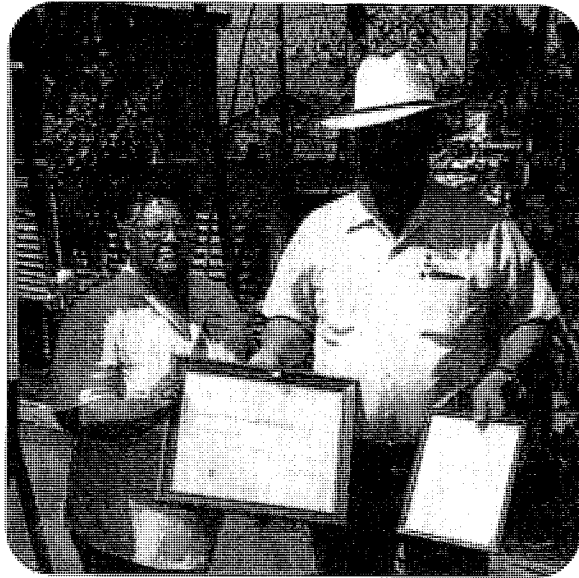
## WESTERN REGION

### EDWARD H. STOLL AWARD



**MR. HAROLD DEL PONTE** (left), observer, **KLA-MATH, CA**, received the **EDWARD H. STOLL AWARD** from Nancy Dean (right), Meteorologist In Charge, at NWSO Eureka, CA. Mr. Del Ponte has also been a recipient of the Jefferson Award and Holm Award.

### EDWARD H. STOLL AWARD



The **EDWARD H. STOLL AWARD** was presented to the **DAYBELL NURSEY, PORTERVILLE, CA**. Shown receiving the award are Neal Daybell (right), owner; and Maria Flores (left).

### 50-YEAR INSTITUTIONAL AWARD



John Grey (left), supervisor, **BLACK RIVER PUMPS STATION, PHELPS DODGE CORPORATION**, accepts a **50-YEAR INSTITUTIONAL AWARD** from Paul Crimmins (right), Data Acquisition Program Manager, NWSO Tucson, AZ.

### 50-YEAR INSTITUTIONAL AWARD



A **50-YEAR INSTITUTIONAL AWARD** was presented to the **BUENA VISTA WATER STORAGE DISTRICT, BUTTONWILLOW, CA**. Shown receiving the award are Hydrographer Don Kurtz (left) and Assistant Nick Torres (right).

## WESTERN REGION

### 50-YEAR INSTITUTIONAL AWARD



Brad P. Adams, Cooperative Program Manager at NWSO San Joaquin Valley (center) presents a **50-YEAR INSTITUTIONAL AWARD** to the **KEARN COUNTY FIRE DEPARTMENT, MOJAVE, CA.** Accepting the award from left to right: Captain Ken Blanton, Engineer Wayne Sewell, Firefighters Mike Breazeal and Tami Street.

### SPECIAL SERVICE AWARD



**OTHELLO RESEARCH UNIT OF WASHINGTON STATE UNIVERSITY** received a **SPECIAL SERVICE AWARD**. Shown accepting the award for his crew is Earl Stuckel. Othello is located in the Columbia Basin.



The **GRASSEL FAMILY, CONNELL, WA**, received a **45-YEAR LENGTH-OF-SERVICE AWARD**. Shown receiving the award are Mr. and Mrs. Marvin Grassel (left). Mr. Grassel's father, Ludwig, began taking observations in 1951.



**MR. R.E. (BUD) EWING** (center), observer, **ELGIN, AZ**, accepts a **40-YEAR LENGTH OF SERVICE AWARD** from Meteorologist In Charge Marv Shogren (left), NWSO Tucson, AZ. Also pictured is Ms. Margo Ewing (right). The picture was taken on the Ewing's Z-Triangle Ranch, near Elgin, AZ.

## WESTERN REGION



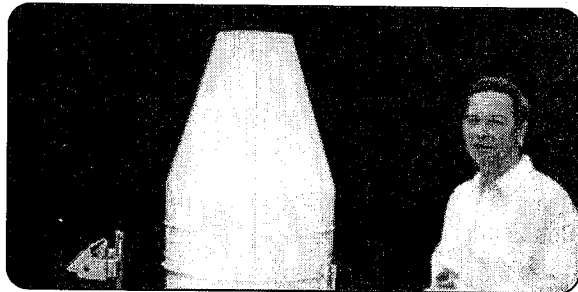
**MR. WYLIE L. BOYD** (left), observer, **DUNCAN, AZ**, received a **25-YEAR LENGTH-OF-SERVICE AWARD** from Paul Crimmins (right). Mr. Boyd says he learned to appreciate weather services while serving combat missions with the U.S. Navy in the South Pacific during World War II.



Bill Castleberry, Plant Manager, **KALAMA CHEMICAL, KALAMA, WA**, accepts a **25-YEAR INSTITUTIONAL AWARD**. Kalama Chemical employees are responsible for a staff gauge located on the Columbia River.



A **25-YEAR INSTITUTIONAL AWARD** was presented to the **U.S. CORPS OF ENGINEERS MAINTENANCE CREW, LAKE MENDOCINO DAM, CA**, by Jim Fahey. Pictured receiving the award from left to right: Dennis Peregina, Larry Griffanti, Chuck Williams, Danny Summit, and Jim Fahey. Not pictured is Tom Jones.



**SANDRA LENNON**, observer, **CASCADIA, OR**, was presented a **20-YEAR LENGTH-OF-SERVICE AWARD**. Sandra records MAX/MIN temperatures as well as precipitation data. Casadia is located in the western foothills of the Cascade Mountains.



**GEORGE R. PROCTOR** (left), observer, **PATAGONIA, AZ**, was presented a **20-YEAR LENGTH-OF-SERVICE AWARD** by Paul Crimmins (right).



**MAX NEWLIN** (center), Park Ranger and observer, **MASSACRE ROCKS STATE PARK, ID**, received a **15-YEAR LENGTH-OF-SERVICE AWARD** from Dave Goens (left), Meteorologist In Charge; and Bob Glodo (right), Data Acquisition Program Manager, NWSO Pocatello. Max has been the park ranger at Massacre Rocks for over 18 years. The park was named for an event that occurred in 1862, when Indians attacked a pioneer wagon train on the Oregon Trail.

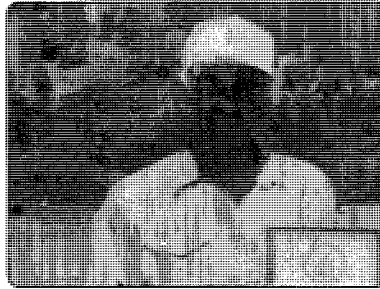
## WESTERN REGION



**DOUGLAS B. SIMMONS**, observer, **WILLOW CREEK, CA**, received a **15-YEAR LENGTH-OF-SERVICE AWARD**.



**BRET BOUGHNER**, observer, **FORT SEWARD, CA**, received a **10-YEAR LENGTH-OF-SERVICE AWARD**.



**NORMAN SATTERLEE**, observer, **FORT SEWARD, CA**, received a **10-YEAR LENGTH-OF-SERVICE AWARD**.



**MR. AND MRS. ROBERT FARRELL**, observers, **SAN MANUEL, AZ**, received a **10-YEAR LENGTH-OF-SERVICE AWARD**. Mrs. Margaret Farrell and her daughter, Ashley, accepted the award on behalf of the Farrell family.

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