

The National Cooperative Observer

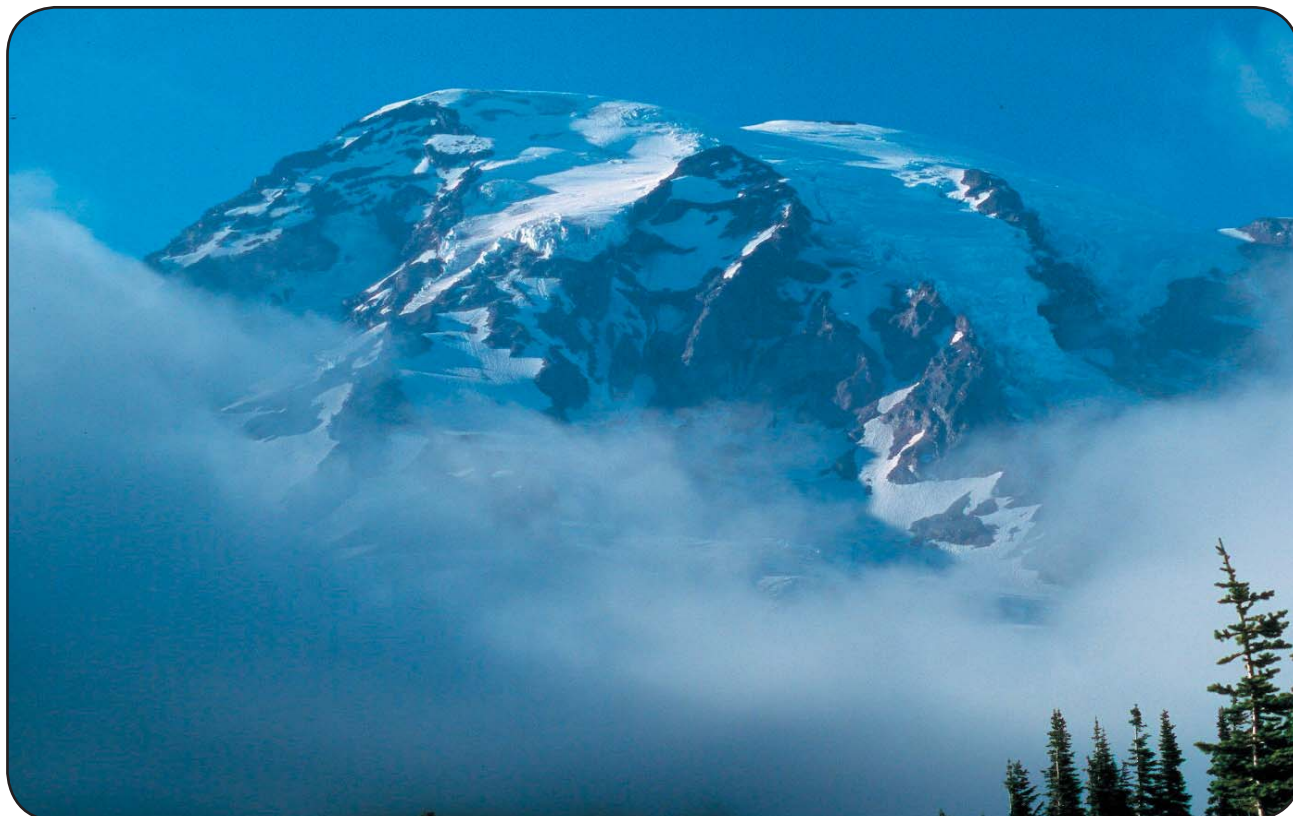


Winter and Spring 2002

Eastern Region

Southern Region

Central Region



Western Region

Alaska Region

Pacific Region

noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

THE NATIONAL COOPERATIVE OBSERVER

NATIONAL CLIMATIC DATA CENTER

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 National Weather Service (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 NWS is to take meteorological observations which are used to record the climate condition in the United States. The National Weather Service relies heavily on a vast network of cooperative observer volunteers to achieve this objective.

The NWS determines where observations are needed and furnishes standard meteorological instruments to individuals who volunteer their time to take a record daily weather observations of the weather. Currently, there are about 8000 published volunteer observation 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 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:

Graphic Support
National Climatic Data Center
151 Patton Avenue, Room 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.

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COVER PHOTO

Pictured is the south-side of Mt. Rainier (elevation: 14,410 feet) as viewed from the Rainier Paradise Ranger Station (elevation: 5,427 feet) in early August 2002. (Photo courtesy: *Grant Goodge*, Asheville, NC.)

ALASKA REGION

15-YEAR-LENGTH-OF-SERVICE AWARD



WILLIAM ELGE (center), observer at the Steward 19N Coop Station in Alaska, received a **15-YEAR-LENGTH-OF-SERVICE AWARD**. Presenting the award is Robert Hookins (left), MIC NWSFO Anchorage and Dan Peterson (right), HMT NWSFO Anchorage, Alaska.

CENTRAL REGION

JOHN CAMPANIUS HOLM AWARD



LORING WOODMAN (left), observer\owner at Darwin Ranch, WY, was presented the **JOHN CAMPANIUS HOLM AWARD**. The award was presented by Cooperative Program Manager Jerry Bush (right), and MIC Joe Sullivan, both of the WFO Riverton, WY.

45-YEAR-LENGTH-OF-SERVICE AWARD



ETHAL M. JORDAN (center), observer in Hamilton, CO, received a **45-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Becky Klenk (left), CPM and John Kyle (right), DAPM of WFO Grand Junction, CO.

40-YEAR-LENGTH-OF-SERVICE AWARD



WALTER IRELAND (center), observer in Florence, KS, with wife **BETTY** (left), were presented a **40-YEAR-LENGTH-OF-SERVICE AWARD**. Presenting the award was Micheal Rosner, DAPM along with Richard Elder, MIC, NWSFO Witchita, KS.

CENTRAL REGION

SPECIAL SERVICE AWARD



RONALD GOODE, observer in Boonville, MO, received a **SPECIAL SERVICE AWARD** for 36 years of service to the National Weather Service. The award was presented by HMT Kenneth Bronis.

35-YEAR-LENGTH-OF-SERVICE AWARD



WARREN H. PUTNEY, observer in Frankfort 2NE, MI, was presented a **35-YEAR-LENGTH-OF-SERVICE AWARD** by CPM Denny Fruehauf, WFO Gaylord, MI.

30-YEAR-LENGTH-OF-SERVICE AWARD



CAROLYN E. SUNDBERG (center), observer, and her husband John Sundberg (left), in Hayden, CO, received a **30-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Becky Klenk (right), CPM, WFO Grand Junction, CO.



EVELYN JACKSON (right), observer in LaCygne, KS, received a **30-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Lynn Maximux (left), MIC, WFO Pleasant Hill, MO.

CENTRAL REGION

25-YEAR-LENGTH-OF-SERVICE AWARD



HAZEL EVANS, observer in Beulah 7SSW, MI, received a **25-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by CPM Denny Fruehauf, WFO Gaylord, MI.



REX KELLEY, observer in Davis City, IA, received a **25-YEAR-LENGTH-OF-SERVICE AWARD**.



BRAD BRINKMAN (left), receive a **25-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by DAPM, Donald Morin (right), from the Sioux Falls National Weather Office.



EDWARD B. THOMPSON (center), observer in Ouray, CO, received a **25-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Doug Crowley (right), MIC and Becky T. Klenk (left), CPM in Grand Junction, CO.

25-YEAR-LENGTH-OF-SERVICE AWARD



KARL KOEHLER (center), observer in Trapper Mining Inc., Craig 4SW, CO, received a **25-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by John Kyle (left), DAPM and Becky Klenk (right), CPM, WFO Grand Junction, CO.

CENTRAL REGION

20-YEAR-LENGTH-OF-SERVICE AWARD



DON LEE, observer in Arlington 1W, SD, received a **20-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Don Morin, DAPM and Don Miller, HMT of Sioux Falls, SD.



CHARLENE NOTT, observer in Elwood 8S, NE, received a **20-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Larry Wirth, HMT, NWSO Hasting, NE.



FERDINAND H. BURMEISTER, observer in Galatia 1NW, KS, received a **20-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Leon Wasinger, CPM, NWSFO Wichita, KS.



DAN FRERICHS, observer in Gothenburg, NE, received a **20-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Larry Wirth, HMT, NWSFO Hasting, NE.



DALE MCMASTER, observer in Independence, KS, received a **20-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Leon Wasinger, CPM, NWSFO Wichita, KS.



ROGER BISHOP, observer in Lindsborg, KS, received a **20-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Micheal Rosner, DAPM, NWSFO Wichita, KS.

CENTRAL REGION

20-YEAR-YEAR-LENGTH-OF-SERVICE AWARD



LEO NOLAND, observer in Longton, KS, received a **20-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Leon Wasinger, CPM, NWSFO Wichita, KS.



DONNA and **MERRILL STERLER**, observers in Sibley 5NNE, IA, received their **20-YEAR-LENGTH-OF-SERVICE AWARD**. The year 2002 also marked the 50th wedding anniversary for Donna and Merrill.



ARLYNN DISRUD (left), observer at Rolla 3NW, ND, received his **20-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Sandra Wiche, CPM, Bismarck, ND. Arlynn is pictured with his mother, Freda Disrud.

15-YEAR-LENGTH-OF-SERVICE AWARD



DAN HART (left), observer in Billy Creek, WY, received a **15-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Randy Ravasio (right), CPM, WFO Riverton, WY.

CENTRAL REGION

15-YEAR-LENGTH-OF-SERVICE AWARD



MRS. JOAN STAAB, observer in Catherine 1NW, KS, accepted the **15-YEAR-LENGTH-OF-SERVICE AWARD**. Mrs. Staab accepted the award on behalf of herself and her husband (Gene).



RON CHRISTENSEN (left), and **KENT ELM** (right), observers, accepted a **15-YEAR-LENGTH-OF-SERVICE AWARD** for the Wyoming Department of Transportation office, Kaycee, WY. The award was presented by Randy Ravasio, CPM, WFO Riverton, WY.



BILL KLIEN, cooperative observer and manager of Michigan State University's Northwest Michigan Horticultural Reach Station, was presented a **15-YEAR-LENGTH-OF-SERVICE AWARD** by CPM Denny Fruehauf, WFO Gaylord, MI.



LEWIS L. MARTIN, observer for Petty Prairie, KS, received a **15-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Michael Rosner, DAPM, NWSFO Wichita, KS.

10-YEAR-LENGTH-OF-SERVICE AWARD



DEBORAH WALL, observer in Cedar Vale 5SSE, KS, receives a **10-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Leon Wasinger, CPM, NWSFO Wichita, KS.

CENTRAL REGION

10-YEAR-LENGTH-OF-SERVICE AWARD



KATHY RATLIFF (right), observer at Knightstown, IN, received a **10-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Roger Kenyon (center), HMT and Mike Shartran (left), DAPM, IN.



JOHN FINNERTY (center), observer in Middletown, IN, received a **10-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Roger Kenyon (right), HMT and Mike Shartran (left), DAPM, IN.



WILBORNE STAMPER (left), observer in Newcastle, IN, received a **10-YEAR-LENGTH-OF-SERVICE-AWARD**. The award was presented by Mike Shartran (right), DAPM, IN.



TIM MCGONAGLE (left), observer in Scott City, KS, received a **10-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Larry Ruthi (right), MIC, NWSFO Dodge City, KS.



GARY REIMER (left), observer in Sublette, KS, received a **10-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Bill Elliott (right), CPM, HMT NWFO Dodge City, KS.



MARY BEAUDOIN, observer in Trout Lake, MI, received a **10-YEAR-LENGTH-OF-SERVICE AWARD**, and accepted another award on behalf of her late husband **ROBERT**. The awards was presented by Denny Fruehhauf, CPM, WFO Gaylord, MI.

5-YEAR SPECIAL SERVICE AWARD



FRANK SPAUR (right), observer at Bussey 3WNW, IA, received a **5-YEAR-SPECIAL SERVICE AWARD**. The award was presented by Steve Teachout (left), HMT Des Moines, IA.

5-YEAR-LENGTH-OF-SERVICE AWARD



ROBERT DE VORE, observer in Promise City 6NW, IA, received a **5-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Brad Fillbach, CPM, Des Moines, IA.

EASTERN REGION

100-YEAR INSTITUTIONAL AWARD



DALE KRIEWALL (left), and **DALE ROETS** (right), of Rochester City Water Authority at Hemlock, NY, accept the **100-YEAR INSTITUTIONAL AWARD**.

45-YEAR INSTITUTION AWARD



MILDRRED GOODLIFF (left), of Friendship, NY, received a **45-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Amanda Pfendler (right).

EASTERN REGION

SPECIAL SERVICE AWARD



ROBERT DEDMONDT (right), observer in Tryon, NC, received a **SPECIAL SERVICE AWARD** and a **37-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Terry Benthall (left), DAPM, WFO Greenville-Spartanburg, SC.

35-YEAR-LENGTH-OF-SERVICE AWARD

ALICE A. HOLZ (center), from Long Valley, NJ, received a **35-YEAR-LENGTH-OF-SERVICE AWARD**. Mr. Holz (left), and Hydrologist Walt Nickelsberg (right), also attended.



10-YEAR-LENGTH-OF-SERVICE AWARD

VIRGINIA DERBYSHIRE (right), observer in Sringtown 1 NNE, PA, received a **10-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Walt Nickelsberg, Hydrologist, WFO Mt. Holly, NJ.



SOUTHERN REGION

JOHN CAMPANIUS HOLM AWARD



GERALDINE MOORE YOUNG (center), observer at Woodbury 1WNW, TN, received the **JOHN CAMPANIUS HOLM AWARD**. Mrs Young also received a plaque from both Cannon County and the town of Woodbury. L-R: Ralph Troutman DAPM, WFO Nashville, Dale Bush, Cannon County Executive, Mrs. Young, Derrel Martin, MIC, WFO Nashville, Ricky Cope, Woodbury Mayor.

GENERAL ALBERT J. MYER AWARD



WILLIAM BOOTH (right), observer at Station Woodstock, GA, received the **GENERAL ALBERT J. MYER AWARD**, for 65 years of service. The award was presented by Lans Rothfusz (left), MIC, Peachtree City Weather Office.

SOUTHERN REGION

60-YEAR-LENGTH-OF-SERVICE AWARD



STEVE CARTER (left), observer at Van Vleet, MS, accepts the **60-YEAR-LENGTH-OF-SERVICE AWARD** for the Carter Family. The award was presented by Jim Dukes, MIC WFO Memphis, TN. Mr. Herbert Carter began the observing tradition in 1942. It was carried on later by his son Larry and then by his son Steve.

50-YEAR INSTITUTIONAL AWARD



ROY SMITH (right), accepts the **50-YEAR INSTITUTIONAL AWARD** for the Louisiana Office of Forestry at Olla, LA. Presenting the award is Marion Kuykendall (left), DAPM from Shreveport, LA.

SOUTHERN REGION

45-YEAR-LENGTH-OF-SERVICE AWARD



LAURA CAMPPELL, Coop rainfall observer, received a **45-YEAR-LENGTH-OF-SERVICE AWARD**.



J. E. QUISENBERRY (right), observer at Robert Lee, TX, received his **45-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Eva Mullen (left), WFO San Angelo, TX.

35-YEAR-LENGTH-OF-SERVICE AWARD



MR. GAIL MITTEL (right), observer at Eldorado 12N, TX, received his **35-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Eva Mullen (left), WFO San Angelo, TX.



FRANK HOLEY (left), observer at Swan 4 NW, TX, received his **35-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Steve Griffin (right), HMT, and Marion Kuykendall (not Pictured), DAPM from NWSFO Shreveport, LA.

SOUTHERN REGION

25-YEAR INSTITUTIONAL AWARD



RANDY ALRIDGE (left), Station Superintendent, for Auburn University, Brewton Experimental Station, Brewton, AL, accepts the **25-YEAR INSTITUTIONAL AWARD**. The award was presented by Randy McKee, MIC, WFO Mobile, AL.



A **25-YEAR INSTITUTIONAL AWARD** was presented to **DARREN COLE** (center), and **RANDY BURTON** (right), at University of Florida Agricultural Research Center at Fort Pierce, Florida. The award was presented by Dennis Decker (left), WCM, WFO Melbourne, FL.



JAY JONES (center), and staff accepts the **25-YEAR INSTITUTIONAL AWARD**, for station Doraville 2NNE, DeKalb County Water Filtration Plant. The award was presented by Nate Mayes (far right).



A **25-YEAR INSTITUTIONAL AWARD** was presented to **DR. LYNN LeBLANC** (left), professor in Atmospheric Sciences, at the University of Louisiana-Monroe in Monroe, LA. The award was presented by Marion Kuykendall (right), DAPM, Shreveport, LA.



The Duncan Banner Newspaper received a **25-YEAR INSTITUTIONAL AWARD**. Accepting the award were the publishers, **MIKE THORNBERRY** (center), and **GLEN SEEBER** (left). The award was presented by Daryl Williams (right), HMT, WSFO Norman .

SOUTHERN REGION

25-YEAR-LENGTH-OF-SERVICE AWARD



SIDNEY J. HARDY JR. (right), observer in Alberta, AL, received a **25-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Randall S. McKee (left), MIC, Mobile, AL.

20-YEAR-LENGTH-OF-SERVICE AWARD



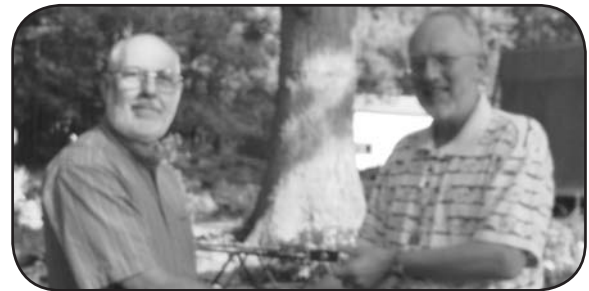
MORRIS POE, observer at Ada, OK, received a **25-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Daryl Williams, HMT in Norman, OK.



MAX DORRIS, observer in Bruce, MS, received a **20-YEAR-LENGTH-OF-SERVICE AWARD**, along with his wife, Carolyn.



DONALD WATERWORTH SR (center), observer in Pocahontas, AR, received a **20-YEAR-LENGTH- OF- SERVICE AWARD**. Also presented was Wayne Gearheart (left), Executive Director, Pocahontas Chamber of Commerce and Zwemer Ingram (right), DAPM, Memphis, TN.



DOUGLAS ZAHN (left), observer at Crystal Valley, AR, received a **20-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Michael Reid (right), HMT, WFO Little Rock, AR.

SOUTHERN REGION

20-YEAR-LENGTH-OF-SERVICE AWARD



BERNADINE FRYAR (left), observer at Oden, AR, received a **20-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Jimmy Russell, DAPM, WFO Little Rock, AR.



LAYNE WELLS (right), observer at Trent 2SSW, TX, received a **20-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Jim Klucas (right), WFO San Angelo, TX.

15-YEAR-LENGTH-OF-SERVICE AWARD



CHRISTINE PAYNE, observer at Bokchito, OK, received a **15-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Daryl William, HMT, Norman, OK.



MALCOLM MOREAU and his wife received a **15-YEAR-LENGTH-OF-SERVICE AWARD**.



TODD HIDALGO and his mother Mrs. Hidalgo received a **15-YEAR-LENGTH-OF-SERVICE AWARD**.



JOHN DORIN, observer and retired Weather Service employee, received a **15-YEAR-LENGTH-OF-SERVICE AWARD**.



CHARLES HART (left), observer and Station Manager of Radio Station WABL in Amile, LA, received a **15-YEAR-LENGTH-OF-SERVICE AWARD**. Peggy Bealer (right), HMT.



HELEN MAYBERRY (left), observer at Washita, AR, received a **15-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Jimmy Russell (right), DAPM, WFO of Little Rock, AR.

SOUTHERN REGION

10-YEAR-LENGTH-OF-SERVICE AWARD



EARL W. ACTION (left), observer at Action Ranch, TX, received a **10-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Eva Mullen (right), WFO San Angelo, TX.



JEANNIE BEAMAN (right), observer at Avery 5 NNW, TX, received a **10-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Marion Kuykendall (left), DAPM, NWSFO Shreveport, LA.



L.A. POKEY DELARODERIE (left), observer at Baton Rouge, LA, received a **10-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Gil Barton (right), DAPM.



GENE PECK (left), observer at Big Fork 1 SSE, AR, received a **10-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Jimmy Russel (right), DAPM, WFO Little Rock, AR.



WALTER J. BAILEY (right), observer at Charlotte, GA, received a **10-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Don Silva (left), WFO Peachtree City, GA.



MARGARET A. DILLARD (left), observer at Summerville, GA, received a **10-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Nate Mayes (right), WFO Peachtree, GA.



JOHN LOCKE (left), observer in Centerville, MS, received a **10-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Gil Barton (right), DAPM.



LARRY ROLLING (left), observer in Metairie, LA, received a **10-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Gary Vaughan (right), HMT.



KENNY LANDFRIED (left), observer in Roscoe, TX, received a **10-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Eva Mullen (right), WFO San Angelo, TX.

SOUTHERN REGION

10-YEAR-LENGTH-OF-SERVICE AWARD



A **10-YEAR-LENGTH-OF SERVICE AWARD** was presented to **DR. ROBERT PETERS** (center), observer in Tyler, TX. The award was presented by Marion Kuykendall (left), DAPM, and Steve Griffin (right), HMT, NWSFO Shreveport, LA.

WESTERN REGION

THOMAS JEFFERSON AWARD



NEWTON WALLACE (left), receives the **THOMAS JEFFERSON AWARD**, from Western Region Headquarter's Chief Of Systems Operations Division, Glenn Rasch (right).

JOHN CAMPANIUS HOLM AWARD



JAMES WOOD (right), observer in Loma, MT, received the **JOHN CAMPANIUS HOLM AWARD**. The award was presented by Ken Mielke, MIC, NWSFO Great Falls, MT.

WESTERN REGION

JOHN CAMPANIUS HOLM AWARD



EUGENE CRONRATH (center), observer in Harrington, WA, received the **JOHN CAMPANIUS HOLM AWARD**. The award was presented by Ms. Vickie Nadolski (left), National Weather Service Western Region Director, and John Livingston (right), MIC, NWSO Spokane, WA.



ANNA MAE DEMING, observer at Payson AZ, was the surprise recipient of the **JOHN CAMPANIUS HOLM AWARD**. Members of the Northern Gila County Historical Society graciously conspire with the NWS in planning the award ceremony at their annual awards banquet. From left is Mike Campbell, MIC WFO Flagstaff; Ms Deming; Susan Nelson, Cooperative Program Specialist; Salt Lake City, UT; and Byron Peterson, DAPM, WFO Flagstaff.

WESTERN REGION

JOHN CAMPANIUS HOLM AWARD



The **JOHN CAMPANIUS HOLM AWARD** was presented to **CELIA KING** (holding the award), observer in the Avra Valley, AZ. The award was presented by Glenn Rasch, Western Region Headquarters, System Operations Division Chief, at a special ceremony at the Joe M. King Land and Cattle Company Ranch in the Avra Valley South of Tucson, AZ. The ceremony was attended by family members, neighbors, and close friends.

100-YEAR INSTITUTION AWARD



A **100-YEAR INSTITUTIONAL AWARD** was presented to **DR. STEPHEN T. HULBERT** (right), Chancellor, Western Montana College in Dillon, MT. The award was presented by Vickie Nadolski (left), Director, NWS Western Region.

WESTERN REGION

75-YEAR INSTITUTION AWARD



AMALGAMATED SUGAR CO. of Paul, ID, received a **75-YEAR INSTITUTIONAL AWARD** for service at Paul 1 ENE, ID. Pictured from (left to right), Jim Hartman, Chief Chemist for Amalgamated Sugar Co., Mark Mollner, MIC, and Bob Glodo, DAPM, WFO Pocatello, ID.



A **75-YEAR INSTITUTIONAL AWARD** was presented to the **U.S. NATIONAL PARK SERVICE** at Ash Mountain in Sequoia National Park. The award was presented to Kings Canyon and Sequoia Park Superintendent Michael J. Tollefson (right), and Law Enforcement Specialist Bob Wilson (left), by the San Joaquin Valley NWS, MIC, Steve Mendenhall (center).

WESTERN REGION

75-YEAR INSTITUTION AWARD



CARGILL SALT COMPANY of Newark, CA, received the **75-YEAR INSTITUTION AWARD**. Receiving the award is Tony Dias (center), a longtime employee, now retired. The award was presented by Robert Diaz (right), MIC, WFO Monterey, CA.



COOPERATIVE EXTENSION SERVICE, Woodland, CA, received the **75-YEAR INSTITUTION AWARD**. Accepting the award is Sabrina Barra (left), Teressa McClellan (center), and Marilyn Flores (right).

WESTERN REGION

HELMUT E. LANDSBERG AWARD



ETTA L. KING and **FAMILY** received the **HELMUTE E. LANDSBERG AWARD**. Shown receiving the award are Mrs. Ena Kirk (left), and members of the King Family: sisters, Ila, Doris, Arene, June, Joy, and brother Otis. The award was presented by Vickie L. Nadolski, Director, NWS Western Region, Steve Todd, MIC, Dean Sondag, CPM and Clint Jenson, DAPM, all from the NWSFO in Portland, OR.

EDWARD H. STOLL AWARD



The **GRASS FAMILY** at the Connell 12 SE Cooperative observing Station in Washington, was presented the **EDWARD H. STOLL AWARD**, for 50-years of continuous service. Pictured from the left are Anne , Mary, and Marvin Grass, and from WFO Pendleton, Bruce Bauck, MIC, Jim Zdrojewski, DAPM and Jon Mittlestadt, SOO.

WESTERN REGION

BENJAMIN FRANKLIN AWARD



NORMA RICHARDSON (center), near Lower Hay Creek in Central Oregon, was presented the **BENJAMIN FRANKLIN AWARD** for 55-Years of continuous service. The award was presented by Jim Campbell, Deputy Director, Western Region (right), and Bruce Bauck (left), MIC, WFO Pendleton, OR



ELMER GEE (second from right), observer in Rapelji 4N, received the **BENJAMIN FRANKLIN AWARD** for 55-Years of service. The award was presented by (left to right), Western Region Deputy Director Jim Campbell, Billings MIC, Keith Meier, Mr. Gee, and Billings DAPM, Danny Graves.

WESTERN REGION

50-YEAR INSTITUTIONAL AWARD



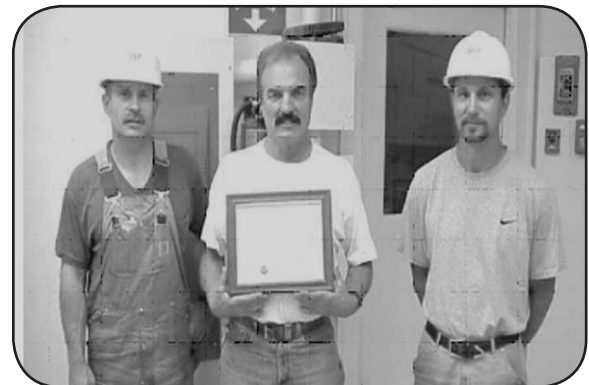
A **50-YEAR INSTITUTIONAL AWARD** was presented to the **USBR** at Bradbury Dam, Cachuma Lake, CA. Accepting the award are Rob Berkshire (left), and Bruce Jones (right), Irrigation Operators.



Jim Campbell (right), Deputy Director of the Western Region presented the **50-YEAR INSTITUTIONAL AWARD** to the Billing Water Treatment Plant. Receiving the award on behalf of the operators is Jeanne Haupt (left).



A **50-YEAR INSTITUTIONAL AWARD** was presented to the **NORTHWESTERN AGRICULTURAL RESEARCH CENTER**, Creston, MT. The award was accepted by Gary Haaven, NW Agricultural Research Specialist (left), and Leon Welty (right), Superintendent NW Agricultural Research Center.



A **50-YEAR INSTITUTIONAL AWARD** was presented to **POLSON KERR DAM**, MT. Accepting the award are L-R: Lloyd Turnage, Doug Denton, and Bill Ludwick.



A **50-YEAR INSTITUTIONAL AWARD** was presented to the **KERN COUNTY FIRE DEPARTMENT** in Glennville, CA. The award was presented to Captain Tom Arriaga (center), and Engineer Fred Hendryx (left), by the NWSFO San Joaquin Valley MIC, Steve Mendenhall (right).

WESTERN REGION

50-YEAR INSTITUTIONAL AWARD



Carl Applegate and John White accepted a **50-YEAR INSTITUTIONAL AWARD** on behalf of **THERMAL FCWOS**, from Edwin Clark, Warning Coordination Meteorologist, WFO San Diego, CA. Pictured left to right : Edwin Clark, Carl Applegate, John White, and Brad Doyle, HMT CPM.

45-YEAR-LENGTH-OF-SERVICE AWARD

The **BINNER FAMILY** of Chandler Heights, AZ, received a **45-YEAR-LENGTH-OF-SERVICE AWARD**. Receiving the award was Walter Binner Nash, the current observer. The award was presented by Vickie Nadolski, Western Region Director. Pictured L-R: Walter's son Ken, wife Pat, Mr. Nash, Walter's mother Betty, and Vickie Nadolski.



40-YEAR-LENGTH-OF-SERVICE AWARD



LEWIS O. WEAVER, observer at Barnes Station in Oregon, received a **40-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Jim Zdrojewski, DAPM, and Jim Smith, HMT, both from WFO Pendleton, OR.



EUGENE CRONRATH (right), observer in Harring, WA, received a **40-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by John Livingston (left), MIC, and Bob Bonner (not pictured), DAPM, WFO Spokane, WA.

WESTERN REGION

40-YEAR-LENGTH-OF-SERVICE AWARD



J. NEWTON WALLACE, observer at Winters, CA, received a **40-YEAR-LENGTH-OF-SERVICE AWARD**.

35-YEAR-LENGTH-OF-SERVICE AWARD



HENRY MANTELLI (left), observer at Gilroy 8NE, received a **35-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Robert Diaz (right), MIC WFO Monterey, CA. Mr. Mantelli also celebrated his 95th birthday the same day.



ELMER HAAK (left), observer at Mt. Laguna #2, CA, received a **35-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Brad Doyle (right), HMT/CPM and Richard Stitt, DAPM (not pictured), WFO San Diego, CA.



BETH JONES (left), observer at Malta, ID, received a **35-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by MIC, Mark Mollner (right), NWS in Pocatello, ID.

WESTERN REGION

35-YEAR-LENGTH-OF-SERVICE AWARD



JAMES STEWART (center), observer at Snowflake, AZ, received a **35-YEAR-LENGTH-OF-SERVICE**. The award was presented by Larry Riggs (left), CPM, and Byron Peterson (right), DAPM, both from WFO Flagstaff, AZ.



HAROLD ORCUTT (left), observer for South Phoenix, received a **35-YEAR-LENGTH-OF-SERVICE**. The award was presented by Michael Bruce (right), DAPM WFO Phoenix

30-YEAR-LENGTH-OF-SERVICE AWARD



DEE ROBERTS (left), observer at Altamont, UT, was presented a **30-YEAR-LENGTH-OF-SERVICE AWARD** by Steve Summy (right), DAPM, WFO Salt Lake City, UT.



DON BRADSHAW (right), observer in Elgin, NV, was presented a **30-YEAR-LENGTH-OF-SERVICE AWARD**. The presentation was made by Larry Jensen, MIC, NWSO Las Vegas, NV.



GEORGE STATON (left), observer at Malta 4ESE, IN, received a **30-YEAR-LENGTH-OF SERVICE AWARD**. The award was presented by Mark Mollner, MIC, WFO Pocatello, ID.

WESTERN REGION

30-YEAR-LENGTH-OF-SERVICE AWARD



NORMA BOOHER, observer in Smyrna, WA, received a **30-YEAR-LENGTH-OF-SERVICE AWARD**.



FRED BUCK (right), received a **30-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Hans Hanson (left), CPM, WFO in Tucson, AZ.

25-YEAR-LENGTH-OF-SERVICE AWARD



TERESA and **ERNST ROYAT** accept a **25-YEAR-LENGTH-OF-SERVICE AWARD** for their observations taken at Dobbins, CA.



JOHN MATLEY, observer at Doyle 4SSE, received a **25-YEAR-LENGTH-OF-SERVICE AWARD** from HMT, Marcus Brown.



JERRY LINDBERG, observer at the cooperative weather station 16 miles South Southwest of Galata, MT, received a **25-YEAR-LENGTH-OF-SERVICE AWARD**.



KEITH RUGG (left), of Ismay, MT, received a **25-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Keith Meier (right), MIC, WFO Billings, MT.



GENE COUGHLIN (left), observer in Ovando 9SSE, Ovando, MT, accept a **25-YEAR-LENGTH-OF-SERVICE AWARD** for his father, **EMMETT R. COUGHLIN**, who passed away. The award was presented by Kimberly Bailey (right), MIC, NWS, Missoula MT.

WESTERN REGION

25-YEAR-LENGTH-OF-SERVICE AWARD



RAYMOND WALKER (right), observer at Springfield, OR, received a **25-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Dean Sondag (left), CPM, WFO Portland, OR.



JOSEPHINE KILLGORE (center), observer in Whitebird, IN, received a **25-YEAR-LENGTH-OF-SERVICE AWARD**. Also pictured is her husband James Killgore (right). The award was presented by Garland Hardamon (left).

25-YEAR INSTITUTIONAL AWARD



The **NORTH UNIT IRRIGATION DISTRICT** near Madras, OR, was presented with a **25-YEAR INSTITUTIONAL AWARD**. Accepting the award was Chuck Schonneker (center), Manager. Presenting the award was Jim Cambell (right), Deputy Director, and Bruce Bauck (left), MIC, WFO Pendleton, OR.



A **25-YEAR INSTITUTIONAL AWARD** was presented to **BHP COPPER CO.** Accepting the award for BHP Copper Co, was the observer, Charles Fenstermacher.



A **25-YEAR INSTITUTIONAL AWARD** was presented to **OCEANSIDE PUMPING PLANT**. The award was presented by Frank O'Leary (left). Accepting the award were Junior Fulton (center), Water Distribution Operator and Mike McGrath (right), Water Division Manager.



A **25-YEAR INSTITUTIONAL AWARD** was presented to **ARIZONA GAME and FISH**, at Tonto Creek Fish Hatchery. The award was presented by Larry Riggs (right), CPM, WFO Flagstaff, AZ. The award was accepted by Michael Weisser (left).

WESTERN REGION

25-YEAR INSTITUTIONAL AWARD



Dale Noles accepts a **25-YEAR INSTITUTIONAL AWARD** for the **CITY of COLUSA, AZ.**



Jim Floyd accepts a **25-YEAR INSTITUTIONAL AWARD** for **CHICO UNIVERSITY FARM, CA.**



A **25-YEAR INSTITUTIONAL AWARD** was presented to **OCEANSIDE MARINE SMALL CRAFT HARBOR**. The award was presented to (L-R): Harbor Volunteer Chuck Sklarewitz, Harbor Police Sgt. Dan Polder, Oceanside Director of Harbor and Beaches Don Hadley. The award was presented by Brad Doyle (right), CPM.



A **25-YEAR INSTITUTIONAL AWARD** was presented to the **CITY of MILTON FREEWATER, OR. WASTEWATER TREATMENT PLANT**. Accepting the award are (L-R): Bryan De Beaumont, Plant Supervisor, Manny Ramirez, and Robin Burrows. The award was presented by Ann Adams (far left), CPM.



Chris Towne accepts a **25-YEAR INSTITUTIONAL AWARD** for the **CITY of NEVADA CITY, CA.**



Bud Ivey accepts a **25-YEAR INSTITUTIONAL AWARD** for the **NATIONAL PARK SERVICE, Whiskeytown Reservoir, CA.**

WESTERN REGION

20-YEAR-LENGTH-OF-SERVICE AWARD



GREG WEIGUM (right), observer in Big Horn, WY, received a **20-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Danny Graves (left), DAPM, Billing, MT.



ADRIAN PETERSON (right), observer in Dayton, WY, received a **20-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Danny Graves (left), DAPM, Billings, MT.



ART WEYDEMEYER (left), observer in Fortine 1N, MT, received a **20-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Steve Sigler (right), Meteorologist, WFO Missoula, MT.



FAITH L. WENCE, observer in Goble, OR, received a **20-YEAR-LENGTH-OF-SERVICE AWARD**. Also present with Mrs. Wence is her husband Bob.



DIANE HOLMES (left), received a **20-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Dean Sondag (right) CPM.



VIVIAN LITTLE observer in Long Creek, OR, received a **20-YEAR-LENGTH-OF-SERVICE AWARD**.



JANICE LECAIRE, observer at Northport, WA, received a **20-YEAR-LENGTH-OF-SERVICE AWARD**.

WESTERN REGION

20-YEAR-LENGTH-OF-SERVICE AWARD



DENNIS BARNES, observer in Santaquin Chlorinator, UT, received a **20-YEAR-LENGTH-OF-SERVICE AWARD**.

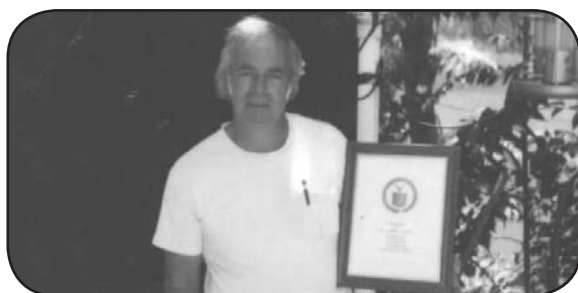
15-YEAR-LENGTH-OF-SERVICE AWARD



CHARLES and DARLENE MOLINE, observers at Brockway, MT, received a **15-YEAR-LENGTH-OF-SERVICE AWARD**.



DARWIN RECTOR (right), Highway Dept. Foreman in Burgess Junction, WY, received a **15-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Danny Graves (left), DAMP, Billings, MT.



RAYMOND C. CARMAN, observer at Clearlake 4 SE, CA, received a **15-YEAR-LENGTH-OF-SERVICE AWARD**.



WILLIAN C. PHILLIPS (right), and **SUE PHILLIPS** (not pictured), observers in Elk City 1NE, ID, received a **15-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Steve Sigler (left), Meteorologist, Missoula, MT.

JACQUELYN GRAEF (left), observer in Howe, ID, received a **15-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Mark Mollner (right), MIC, WFO in Pocatello, ID.



WESTERN REGION

15-YEAR-LENGTH-OF-SERVICE AWARD



EUNICE ACHTENBERG (left), observer in Hysham, MT, received a **15-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Danny Graves (left), DAPM, WFO in Billings, MT.



LUCIAN W. RAROGIEWICZ, observer at Mt. Wilson No 2, CA, received a **15-YEAR-LENGTH-OF-SERVICE AWARD**.



ROBERT HALL (center), observer in Potomas, MT, received a **15-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Stan Krenz (left) DAPM, and Alan Kolata (right), Meteorologist, Missoula, MT.



A **15-YEAR-LENGTH-OF-SERVICE AWARD** was presented to **ROBERT** and **MARGARET FARRELL**, observers at San Manuel, AZ. Margaret Farrell accepts the award.



A **15-YEAR-LENGTH-OF-SERVICE AWARD** was presented to the **HOOKER FAMILY**, observers at San Simon, AZ. Mrs Hooker accepts the award on behalf of the Hooker Family.



Mark Mollerner (left), MIC at WFO Pocatello, ID, presented **DEBBIE** and **GENE LISH**, observers in Soda Spring, ID, with a **15-YEAR-LENGTH-OF-SERVICE AWARD**.



JANET MONSON (right), observer in Warren, ID, received a **15-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Garland Hardamon (left).

WESTERN REGION

10-YEAR-LENGTH-OF-SERVICE AWARD



JACQUELINE and **MICHAEL PRICE**, observers at Bonners Ferry, ID, received a **10-YEAR-LENGTH-OF-SERVICE AWARD**.



DAVE PAPP receives a **10-YEAR-LENGTH-OF-SERVICE AWARD** for the Buckhorn Station in Montgomery Creek, CA.



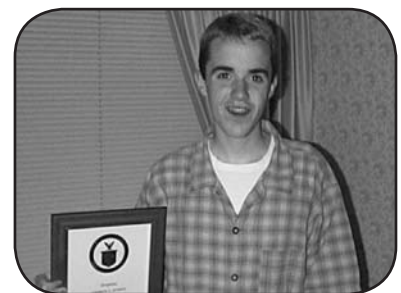
WAYNE LANGFORD, observer at East Park Reservoir, CA, received a **10-YEAR-LENGTH-OF-SERVICE AWARD**.



MIKE WINJE (left), observer at Doyle, received a **10-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by **Al Cox** (right), DAPM/CPM, WFO Reno.



A **10-YEAR-LENGTH-OF-SERVICE AWARD** was presented to The Sanders Family. Accepting the award is Austin Sanders on behalf of the Sanders Family.



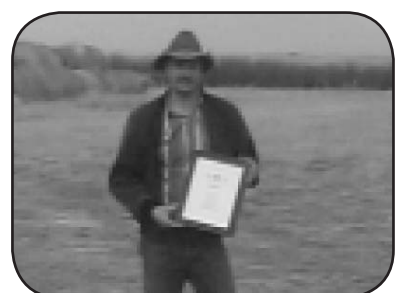
A **10-YEAR-LENGTH-OF-SERVICE AWARD** was presented to **ANDY JENSON**, observer at Gresham, OR.



TED HENDRICKS (center), observer at Minder, received a **10-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Jane Hollingsworth (right), MIC, WFO Reno, along with State Climatologist Prof. John James (left).



JIM SUHRER, observer at Pacifica, CA, receives a **10-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Steve Anderson, CPM, WFO in Monterey, CA.



ERIC ALBUS, observer at Saco, MT, received a **10-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Matt Moorman, HMT NWS, Glasgow, MT.

WESTERN REGION

10-YEAR-LENGTH-OF-SERVICE AWARD



TERRY SHERBURN, observer in Summit, MT, received a **10-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Stan Krenz, DAPM, WFO Missoula, MT.



ELEANOR ROOT, observer in St. Maries, ID, received a **10-YEAR-LENGTH-OF-SERVICE AWARD**. The award was presented by Stan Savoy, HMT/CPM, WFO Spokane WA.

PACIFIC REGION

JOHN CAMPANIUS HOLM AWARD



MR. AND MRS. OTA, observers at Big Island, HI, received the **JOHN CAMPANIUS HOLM AWARD**. Edward H. Young (center), Chief of Technical Service was also present.

JOHN CAMPANIUS HOLM AWARD



BEN MAYES (right), observer in the Waianae district of Oahu, HI, received the **JOHN CAMPANIUS HOLM AWARD**. Edward H. Young (left), Chief of Technical Service was also present.

PACIFIC REGION

25-YEAR INSTITUTIONAL AWARD



DAVID OKA, observer at Kula Branch Station in Island of Maui, HI, accepts the **25-YEAR INSTITUTIONAL AWARD**.

15-YEAR-LENGTH-OF-SERVICE AWARD

YVONNE MAUGA (right), was presented a **15-YEAR-LENGTH-OF-SERVICE AWARD**, by Leloyd Acosta (left), OIC, WSO Pago Pago, America Samoa.



10-YEAR-LENGTH-OF-SERVICE AWARD



RICHARD JACINTO, observer at Kuiaha Station in Maui, HI, received a **10-YEAR-LENGTH-OF-SERVICE AWARD**.

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