



# The National Cooperative Observer

The National Cooperative Observer is an online newsletter.

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Summer 2017

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## World War II Observer Returns to NWS Office 70+ Years Later



From top left, **Marie Askins** in 1943, serving as an observer in Spokane, WA, during WWII; Marie visiting NWS Spokane in 2017; the Spokane Airport in 1943.

On July 3, 2017, the Weather Forecast Office in Spokane, WA, had the distinct honor of hosting a former Weather Bureau employee, Marie Askins.

The prior week, Marie's son reached out to Warning Coordination Meteorologist (WCM) Andy Brown to arrange a visit for his mother. Cregg explained that Marie is 94 years old and worked at the Spokane Weather Bureau Office in 1943. She was returning to Spokane for a family reunion and was hoping she could stop by to learn how a modern National Weather Service office works.

The staff was happy to be able to interact with a true "Rosie the Riveter," especially someone who served in their home town for the Weather Bureau!

When Marie arrived, it was hard to determine who was more excited for the visit. For the next 2 hours, we spent time in our conference room exchanging stories, in

the operations area so she could talk to the forecasters and see what they were working on, and out at the inflation building so she could relive launching a weather balloon.

Marie explained to us that day, and followed up with a hand-written letter, how her brief career started with the Weather Bureau.

After the war started, she took the Civil Service test and was given a list of different jobs to choose from. In her words, "I thought weather school offered something new to learn."

Marie attended a 6-week course in Seattle during the spring of 1943 to learn how to observe the weather and relay critical information to forecasters. At the end of the training program, she worked at Boeing Field in Seattle until positions elsewhere opened.

Again she was given a choice, between Anchorage AK, Bend, OR, or Felts Field in Spokane. Since Spokane was her home, she choose that option and started working

*The more we talked, the more we realized that many things have not changed over the years. Marie recalled the rotating shifts and how difficult on the body they were. We also shared stories about the public calling to complain about the forecast.*

at Felts Field near downtown Spokane in August of 1943.

For the next 15 months, Marie worked as a weather observer at Felts Field with several other "Rosies" and Meteorologist in Charge (MIC) **Robert McComb**. Her routine duties included launching a pilot balloon every 3 hours from the roof of the 2-story airfield tower, tracking the balloon with a theodolite, and launching balloons with radiosondes every 12 hours.



*Marie Askins launching a weather balloon again after more than 70 years!*

She also became proficient at analyzing weather charts and talking to pilots about the local weather. The staff at Felts Field would frequently relay this information by phone to the forecasters stationed in Seattle.

One of Marie's first questions for NWS Spokane staff was if we still call Seattle every hour. We explained how we are now responsible for the forecast for the Inland Northwest but still collaborate with our neighboring offices, including Seattle.

The more we talked, the more we realized that many things have not changed over the years. Marie recalled the rotating shifts and how difficult on the body they were. We also shared stories about the public calling to complain about the forecast.

One of her least favorite memories of her time with the Weather Bureau was the many hours spent outside on the clear cold nights tracking the pilot balloon. She was pleased to hear that thanks to many advancements, we only have to be outside to fill up the balloon and launch it.

The most interesting story Marie shared was about an adventure one night after a late evening shift ended. She and her friend took the city bus downtown where they had to walk a few blocks to get to her home.

They noticed two males following them so they quickly knocked on someone's door and ducked in before the men could catch up to them. After describing the ordeal with the MIC the next day, he called the police and arranged a police escort at the end of her swing shifts from then on.

Marie beamed as she told the story of how grateful she was for the MIC and local police looking after her and her colleagues.

We ended the tour by going outside to see the weather balloon. Marie couldn't stop smiling! She said many times how it brought back memories, including the cold nights on the rooftop.

When it was time to let the balloon go, she held on fiercely to the string until someone finally said, "you can let it go." She quipped back "I know!" Marie was enjoying the moment and wasn't quite ready for it to be over.

Marie's career with the Weather Bureau ended in December of 1944, just 2 months before she married a soldier with the 2nd Photographic Squadron in the Army Air Corps.

The NWS staff had a great visit with Marie and expressed its gratitude for her service and how she truly is an inspiration for this generation of meteorologists to the ones to come.

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## NWS History

The following article is excerpted from "An NWS History of the Signal Corps," the Signal Corps was the predecessor of the National Weather Service. This edition is Part 3 of the story told by John P. Finney. See the [Spring edition](#) of the National Cooperative Observer for Part 2. We left Finley in a snowstorm!

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### Personal View of John P. Finley *cont.*

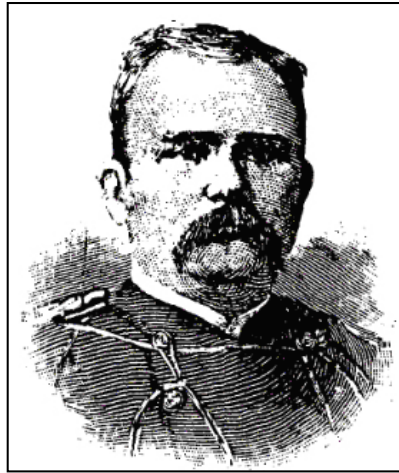
The men within rushed to the door to respond to the knock that seemed to come from another world. They had given up all hope of rescue. The observer barely had sufficient strength to explain about me and that I must have fallen at the crest.

All hands rushed out and finally found me in the blinding snow by the upright position of my alpine pike. I was completely covered with snow and looked like the rocks all about me. They carried me to the station and when I regained consciousness, found myself on a big office table, prostrate, with men working over me to restore circulation.

The guide and I both suffered awhile from mountain sickness, due to rarified air but finally adjusted to our surroundings and recovered our appetites. In spite of all accidents, my instruments were found intact and the necessary observations taken for station use. These observations eventually were used by Prof. Ferrel who was engaged on special work at the Office of the Chief Signal Officer of the Army.

The station force was found in good health with plenty of food and sufficient firewood to carry them through the winter season. They were greatly surprised to hear of the big excitement of the country as to their alleged desperate situation, and wondered most of all at the successful venture we had made to reach them.

The trip was looked upon as quite impossible at that season of the year, April being the stormiest month of the period. The return trip was performed under better



John P. Finley

conditions and in quicker time, but we exercised different body muscles in holding back on the steep down grade and were very sore for several days after reaching the base.

During the ascent, from the trail entrance at Mineral Springs upward to the "half-way House," (elevation about 10,000 feet) we passed a succession of severe storms, in the order named, of rain, hail, sleet and snow, accompanied by heavy thunder and terrific flashes of lightning. From "Half-Way House" to the summit there were frequent alternations of snow, sleet and hail, invariably accompanied with thunder and lightning.

On the return trip to the base station at Colorado Springs, similar storm conditions were encountered. Difference in elevation, between the base and summit stations, 8,100 feet. Distance, about on the same level, between Colorado Springs and Mineral Springs, about 3 miles.

All storms occurring on Pikes Peak, whether at the summit or on the mountain sides, were accompanied with electrical displays of more or less violence. Between 1873 and 1882, station records at the summit show no month of the year is entirely free from violent electrical storms. All station instruments have been damaged by electrical discharges, even the mercurial barometer.

The members of the station force have suffered severely from electric shock and all telegraph instruments were cut out on the approach of a storm, however light in intensity, to reduce liability to injury.

Read more about John Finley in the fall edition of the National Cooperative Observer.

*They carried me to the station and when I regained consciousness, found myself on a big office table, prostrate, with men working over me to restore circulation.*

## John Campanius Holm Awards



Observer **Layton Barney** of Hatch, UT, (seated) proudly displays his John Campanius Holm Award and jacket. NWS Salt Lake City Meteorologist in Charge (MIC) **Randy Graham** and Observation Program Leader (OPL) **Lisa Verzella** presented the award with three generations of family members present. Layton took excellent observations for 42 years before handing over his duties to a well-known and trustworthy neighbor. Hatch Town Mayor **Ronald Riggs** fondly describes Layton as a “stalwart, upstanding citizen of our community,” commending his service during World War II and as a business owner and local board member.



Observer **Bill Dye** of Castle Dale, UT, (not pictured) earned his 2016 Holm Award with the help of his wife, **LaRee**, right. Presenting the award is OPL **Lisa Verzella**, NWS Salt Lake City. Also at the presentation was MIC **Randy Graham**. Since its inception in 1899, nearly a dozen observers have gathered and recorded weather data for this station for periods ranging from 3 months to 23 years, but none as long as Bill, who has held the reigns now for 25 years. Castle County Treasurer **Jackie Collard** describes Bill as “a man of character, honest, faithful in serving in his church, giving, caring and respectful of his wife, and a good Dad, too.”

## 100 Year Honored Institution Awards



NWS presented a 100 Year Honored Institution Award to the **University of Wyoming Sheridan Research and Extension Center**.

The Sheridan Field Station, as it was originally known, began officially recording daily observations on March 1, 1917. In its 100+ years, the staff has taken more than 38,000 observations.

The equipment has sat at the same location since the site's staff began taking daily readings. The Wyrno station is one of a few in the region that are part of the National Historical Climate Network.

The site has experienced a variety of weather in its 100+ year history ranging from a low of -44°F in December 1989 to a high of 109°F in July 2002. The area is dry, with average annual precipitation of just 13.25". The record snowfall was 17" in March 2011 and maximum rainfall, 2.85" in July 1948.

From left, staff members, **Brian Mealor, Rochelle Koltiska, Dan Smith, Bret Hess, Jeff Zimmerman, Marc Singer** and **Mike Albrecht**. The award was presented to **Dr. Bret Hess** by NWS Western Region Chief of the Integrated Services Division **Jeff Zimmerman**, NWS Billings, MT, Science and Operations Officer **Marc Singer**, OPL **Larry Dooley**, and Hydrometeorological Technician (HMT) **Vickie Stephenson**.

Photo by OPL **Larry Dooley**.

**Central Great Plains Research Station** in Akron, CO, receives a 100 Year Honored Institution Award. The station is one of oldest in the state. Staff have been taking weather observations since 1893 and continuous observations for the past 100 years.

The equipment has been in almost the same location since the site began taking readings, with little change in the surrounding environment, making it one of the most important U.S. stations still in existence.



From left, NWS Boulder, CO, MIC **Nezette Rydell**, Observer **Dave Poss**, Station Director **Merle Vigil**, OPL **Jim Kalina** and Former State Climatologist for Colorado **Nolan Doesken**.

## 75 Year Honored Institution Awards



**Duke Energy's Ninety-Nine Islands Hydro Plant** received an Honored Institution Award for 75 years of service. Receiving this award was Technician **Brannan Henson**. The award was presented by OPL **Chris Horne** NWS Greenville-Spartanburg, SC. Photo by Administrative Support Assistant (ASA) **Katie Fox**.

The city of **Olean Wastewater Treatment Plant** was presented with a 75 Year Honored Institution Award. The award was accepted by staff member **Jeremy Meerdink** and presented by NWS Buffalo OPL **Dan Kelly**.

NWS Monterey, CA, presented a 75 Year Honored Institution Awarded to the **Napa Fire Department**. Accepting the award is Officer **David Nye**.



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## Helmut E. Landsburg 60 Year Awards



**Roy Frederiksen**, of Saint Croix, U.S. Virgin Islands, accepts a 60 Year Helmut E. Landsburg Award on behalf of himself and his father. The award was presented by Meteorologists **Amaryllis Cotto** and **Ian Colon**, NWS San Juan, PR. Roy's father began the station at East Hill and passed on the responsibility to Roy.

Photo by **Amaryllis Cotto**.

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## Edward R. Stoll 50 Year Award

From left, NWS Hastings, NE, OPL **Mike Reed** presented the Edward R. Stoll Award to **Bob Levin**, recognizing 50 years of dedicated service as the observer for Smith Center, KS. Bob also celebrated his 80<sup>th</sup> birthday at the presentation. Bob's wife, **Linda Levin**, was presented with her 20 Year Length of Service Award.



## 50 Year Honored Institution Awards



**KSRA radio station** in Salmon, ID, received a 50 Year Honored Institution Award from MIC **Bruce Bauck**, NWS Missoula, MT. All the personnel from the station take daily observations and were able to attend the presentation. From left are **Bruce Bauck**, **Leo Marshall**, **Todd Skeen**, **Shirley Anderson** and **Rockwell Smith**.

**Lance Franck**, Meteorologist at NWS Mt. Holly, NJ, and **Chris Stachelski**, NWS Eastern Region OPL, presented **Jeff Douglas** of the **New Jersey Bureau of Water Supply** with a 50 Year Honored Institution Award for observations at the Clinton, NJ, plant. As a token of thanks for taking observations for 50 years in his native state of New Jersey, Chris also gave the New Jersey Bureau of Water Supply a personal thank you letter. Photo by OPL **Andrew Beavers**.



**Christina Speciale** and **Joe Celbuko** presented a 50 Year Honored Institution Award to the city of **Troy Public Utilities**. The award was accepted by Troy staff Member **Dan Doyle**, left.



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## 50 Year Honored Institution Award

**Joel Tutein** accepts a 50 Year Honored Institution Award on behalf of the National Park Service (NPS) observer team at **Fort Christiansted**, St. Croix, U.S. Virgin Islands. The award was presented by Meteorologists **Amaryllis Cotto** and **Ian Colon**, NWS San Juan, PR. Joel is the original observer at this station that is now managed by several members of the NPS. Photo by NPS staff member **Zandy Hills-Star**.



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## 45 Year Dick Hagemeyer Service Award



Observer **Glennie Batt**, left, accepted the Dick Hagemeyer Award for her 45 years of service at Lisco, NE. The award was presented by NWS North Platte, NE, MIC **Teresa Keck**, right. Photo by Meteorologist **Jaclyn Gomez**.

Summit, UT, observer **Marjorie Evans** proudly displays her 45 Year Dick Hagemeyer Award and her letter from Dr. Louis Uccellini. Marjorie continues to be a dedicated observer, taking daily precipitation observations from this small southern Utah town near Cedar City. The award was presented by NWS Salt Lake City, UT.



## 45 Year Dick Hagemeyer Service Awards

**Charles Hanson**, left, accepts his Dick Hagemeyer Award for 45 years of dedicated service as the Artichoke Lake, MN, Cooperative Weather Observer. The award was presented by HMT **Ken Gillespie**, NWS Aberdeen SD.



**Glenn Harner** of Xenia, OH, has been providing temperature and precipitation data to the NWS for 45 years. From left, NWS Wilmington, OH, Meteorologist **Ashley Novak**, Awardee **Glenn Harner**, OPL **James Gibson**; MIC **Kenneth Haydu**; and Eastern Regional OPL **Chris Stachelski**. Photo by **Chuck Hamlin**, WHIO-TV.

NWS Pocatello, ID, Meteorologist **Alex DeSmet** presented **KVNU radio** morning host **Al Lewis**, right, a certificate recognizing his 45 years compiling the weather numbers at KVNU, long known as the valley's official weather reporting station. "It has always been important to provide our listeners updated weather forecasts and accurate records," said Lewis. "It has been a part of my responsibility at the station, along with others, to compile those records. From that history, we can tell you what the temperature was a year ago today, for example." Lewis was also recently was honored for his 45 years of broadcasting. Lewis, along with coworker **Jennie Christensen**, will be inducted into the Utah Broadcasters Hall of Fame.



## 45 Year Dick Hagemeyer Service, 40 Year Awards



**Clement Mitchell** (center, right) of Arapahoe, CO, is shown with his Dick Hagemeyer Award for 45 Years of Service. Clement reports precipitation and snowfall data to NWS Goodland, KS. From left, the award was presented by Meteorologist **Jessica Hill**, OPL **Brian Warren** and MIC **Dave Floyd**.

**Richard Bly**, observer at Breckenridge, CO, was honored for 40 years of dedicated cooperative observing weather support to NWS Boulder, CO. The award was presented by OPL **Jim Kalina**.



**John Ey**, Dam Superintendent at **Lemon Reservoir**, receives his 40 Year Length of Service Award at his observing site in southwest Colorado. John received his award from Data Acquisition Program Manager (DAPM) **John Kyle**, NWS Grand Junction, CO.



## 40, 35 Year Length of Service Awards



From left, NWS San Francisco Bay Area OPL **Steve Anderson** presented **Ron McDonald**, observer at Santa Cruz, CA, with his 40 Year Length of Service Award with help from **Lee Solomon**, Chief Meteorologist KSBW TV News Station.

Manager **Mark Marshall**, of **KOGA radio** in Ogallala, NE, accepted a 40 Year Length of Service Award on behalf of KOGA radio personality **Corey Andersen** and staff, who have helped continue KOGA's observations over the years. The award was presented by NWS North Platte, NE, MIC **Teresa Keck**. Photo by Meteorologist **Jaclyn Gomez**, NWS North Platte, NE.



**Annie and Virgil Weems** were presented with 35 Year Length of Service Awards. Annie is the primary observer and Virgil is her backup. The award was presented by NWS San Angelo, TX, OPL **Joel Dunn**.



## 35 and 30 Year Length of Service Awards



From left, NWS Wilmington, OH, MIC **Kenneth Haydu**, County EMA Operations Manager **Lesli Holt** for; Observer **John Stephenson**; NWS Eastern Regional OPL **Chris Stachelski**, OPL **James Gibson**, and Meteorologist **Ashley Novak**. Photo by **Samantha Burnett**, Otterbein Corporate Office.

**John Stephenson** of Kings Mills, OH, has been providing precipitation data to NWS for 35 years. In addition, John also regularly reads the manual river gauge along the Little Miami River. During times of high water, John has read the gauge on evenings, weekends, whenever needed, directly assisted with river forecasts and warnings for the Kings Mills and South Lebanon areas of Warren County. In recognition of the extra effort, in addition to the 35 Year Service Award, John was presented with the Public Service Award.

**Martin Davis** from Livingston, MT, was presented a 30 Year Length of Service Award by NWS Billings, MT. Martin's father began taking observations on the family farm in 1951. With it 65+ year history, the station was selected to be part of the Historical Climate Network, a high quality data set of daily and monthly records of basic meteorological variables from 1,218 U.S. observing stations.



**Karl and Roberta Ratzburg** have been measuring daily precipitation, snowfall and snow depth observations for NWS Great Falls, MT, for more than 30 years. The official climate weather station is at their home near Galata, MT. Karl and Roberta were presented with a 30 year Length of Service Award by OPL **Matt Moorman**.

## 30 and 25 Year Length of Service Awards



NWS Great Falls, MT, presented **Alan and Rachel** (not pictured) **Weaver** with a 30 Year Length of Service Award for reporting daily observations for daily maximum, minimum and at observation temperatures, precipitation, snowfall and snow depth. The Weavers weather station is east of Big Sandy, MT. Presenting the award was OPL **Matt Moorman**. Pictured along with Alan are future observers granddaughter **Charley Anne** and grandson **Tyson**.

**Harold and Elaine Weisbrook**, observers at New Raymer, CO, show their 30 Year Length of Service Awards presented by NWS Boulder, CO, OPL **Jim Kalina**.



**Rodney** (not pictured) and **Lori Olsen** of Neola, UT, were presented with a 30 Year Length of Service Award. The Olsens are outstanding Cooperative observers in this rural Uinta Basin town.

## 25 Year Length of Service Awards



**Grace Barter** of Kesley, IA, receives her 25 Year Length of Service Award. The award was presented by OPL **Brad Fillbach**, NWS Des Moines, IA.

**Steve Kunz** has reliably provides daily data to NWS Pocatello, ID, for 25 years. Steve also services the television repeaters allowing for the reception of over-the-air TV for the Bear Lake Valley. Thanks to his efforts, residents of the Bear Lake Valley are able to receive stations from northern Utah and Southeast Idaho. During the historically snowy winter of 2016-2017, Steve volunteered his farm equipment to help clear snow from nearby county roads and for several neighbors' driveways.



Snyderville, UT, Observer **Matt Lindon** was presented a 25 Year Length of Service Award in May 2017. Matt has been consistently recording rain and snow data at this beautiful area adjacent to Park City.

**Wes Tingy** of Woodruff, UT, was presented with a 25 Year Length of Service Award. Observations at this location extend back through generations with a family start date of 1897! The Tingy family has been devoted to accurate and timely observations, and through their efforts an impressive and rich observation history has been established.



NWS Great Falls, MT, presented **Bruce Peterson** with a 25 Year Length of Service Award for observations near Laurin, MT. Bruce had been taking observations since 1988 at another station and even before that helping his father with observations. The award was presented by OPL **Matt Moorman**.



**Jack Passmore** of Candler, NC, was presented a 25 Year Length of Service Award by OPL **Chris Horne**, NWS Greenville-Spartanburg, SC. Jack was an employee of NOAA's National Climatic Data Center in Asheville before retiring in 2007.

## 25 Year Honored Institution Awards



The **I X Ranch Company**, in Big Sandy, MT, was presented with a 25 Year Honored Institution Award from NWS Great Falls, MT, OPL **Matt Moorman**. **Todd Amsbaugh**, I X Ranch West manager, has been the official weather observer for 22 years. The station was established in 1921 near its present location.



Capt. **Aaron Merrill** accepted a 25 Year Honored Institution Award for the **Cloverdale Fire Department** from NWS Monterey, CA.



**Stacy Sailor** accepted a 25 Years Service Award for observations at the **Corydon, IN, Water Plant** from NWS Louisville, KY.



**Thomas Sacre** and the staff of the **U.S. Army Corps of Engineers at Taylorsville Lake** accepted a 25 Year Honored Institution Award. From left are staff members **Lisa Freeman, Michael Crain, Brent Lyons, Thomas Sacre, Alan Shillington, and Evan McKinney**.



## 20 Year Length of Service Awards



From left, **Jared and Stacy Albus** and son **Aiden** were presented with a 20 Year Length of Service Award from NWS Glasgow, MT. The Albus' record temperature, precipitation, snowfall and snow depth readings at their station southwest of Hinsdale, MT. The award was presented by MIC **Tanja Fransen** and OPL **Brian Burleson**.



**James H. Blomgren**, right, of Grand Meadow, MN, was presented a 20 Year Length of Service Award by DAPM **Randy Breeser**, NWS La Crosse, WI. James is also a storm spotter for Mower County, calling in reports, many times during snow storms as he plows roads for the county. James also has served two terms as mayor of Grand Meadow MN. Photo by Cooperative Program Manager (CPM) **Tom Stangeland**.

**Debra Kruse** was presented with the 20 Year Length of Service Award. Debra's son accepted the award on her behalf.



NWS Boulder, CO, awarded **Castle Rock Water** the Honored Institution Award for 25 years of service at the Plum Creek Water Purification Facility. From left are Senior Operator #4 **Andrew Dieter**, Treatment Supervisor **Tim Lambert**, and NWS OPL **Jim Kalina**.



**Milt Hovland**, center, shows his 20 Year Length of Service Award presented by NWS Glasgow, MT, for his service at Plentywood, MT. The award was presented by Lead Forecaster **Ted Jamba** and OPL **Brian Burleson**. Photo by ASA **Jeanie Anthony**.

## 20, 15 Year Length of Service Awards



NWS Sioux Falls, SD, OPL **Brad Adams** honored **Joel Poppe** for 20 years of service. Joel's passions is his business, Pumpkin Patch and Park. In addition to pumpkins, he grows gourds, and squash on his farm. He enjoys the smiles he brings to children and locals as they descend on his farm each fall.



NWS Sioux Falls, SD, OPL **Brad Adams** presented a 20 Year Award to **Keith Vaandrager**, observer at the **Sheldon Public Works Department**. River gauge readings began along the Floyd River in 1953. Sheldon was founded in 1873 as a strategic railroad town.



**Helen Weidner** of Spring Branch, TX, shows her 20 Year Length of Service Award presented by NWS Austin/San Antonio, TX, OPL **Steve Smart**.



**Allen and Georgia Chinadle**, display their 15 Year Length of Service Award for observations north of Hingham, MT. The station was started in 1951 in Hingham and was moved to the Chinadle's home in 1983. Presenting the award was OPL **Matt Moorman**, NWS Great Falls, MT.

## 15 Year Length of Service Awards



**Bernard and Gloria Czaja**, who provide daily reports for the Carmel Valley, CA, receive their 15 Year Length of Service Award from NWS Monterey, CA.



MIC **Teresa Keck**, NWS North Platte, NE, presented Valentine, NE, Observer **Dave Dent** with a 15 Year Length of Service Award. Dave has been broadcasting and watching the weather for the local Valentine radio station KVSH for 47 years. Photo by Meteorologist **Jaclyn Gomez**.



**Millard Graham** of Miller, NE, was presented with a 15 Length of Service Award from NWS Hastings, NE. Photo and presentation by OPL **Mike Reed**.



**David Harner** of Swea City, IA, receives his 15 Year Length of Service Award from OPL **Brad Fillbach**, NWS Des Moines, IA.



**Jacqueline LaFreniere** is shown receiving a 15 Length of Service Award. Jacqueline has been taking observations on Beaver Island in northern Lake Michigan since 2002. Photo by OPL **Keith Berger**, NWS Gaylord MI.

## 15 and 10 Year Length of Service Awards



**Doug and Jo Ann Mitchell**, were presented with a 15 Year Length of Service Award for service south of Chinook, MT. Presenting the award was OPL **Matt Moorman**, NWS Great Falls, MT.



A 15 Year Length of Service Award was presented to **Durwin Williams** by OPL **Matt Moorman**, NWS Great Falls, MT. The weather station was established in Chinook in January of 1896 and was moved around town over many years before Durwin took over in 2001.



**Merlin and Pat Wolery**, observers near Rudyard, MT, shows their 15 Year Length of Service Award presented by OPL **Matt Moorman**, NWS Great Falls, MT.



NWS Hastings, NE, OPL **Mike Reed** presented a 10 Year Length of Service Award to **James Bentz** of Beloit, KS.



**Jon Bolstad**, center, was presented with a 10 Year Length of Service Award from NWS Glasgow, MT. Jon takes and records daily precipitation, snowfall and snow depth readings at his station east of Homestead, MT. The award was presented by ASA **Jeanie Anthony**, and Lead Forecaster **Ted Jamba**. Photo by OPL **Brian Burleson**.

## 10 Year Length of Service Awards



**Dale Bower**, right, of the **Defiance, OH, Water Treatment Plant**, accepts a 10 Year Individual Length of Service Award presented by Meteorological Intern **Geoffrey Heidelberg**, NWS Northern Indiana. Photo by OPL **Brentley Lothamer**.



**Russell Oestereich**, Observer at Sun City, KS, was presented with a 10 Year Length of Service by OPL **Jesse Lee**, NWS Dodge City, KS. Russell has been the primary observer for Sun City since 2007. Photo by Warning Coordination Meteorologist **Jeff Hutton**. The Sun City station dates back to 1938.



**Lana and Rick May**, left, of Hayes Center, NE, show their 10 Year Service Award presented by MIC **Teresa Keck**, NWS North Platte, NE. Photo by Meteorologist **Jaclyn Gomez**.



**Leroy Wiseman**, right, and his wife **Vickey** (not pictured) accepted a 10 Year Length of Service Award from NWS Glasgow, MT. The Wisemans take and record daily precipitation, snowfall and snow depth readings at their station southwest of Glasgow, MT. The award was presented by OPL **Brian Burleson**. Photo by MIC **Tanja Fransen**.



**Malcolm "Mick" Morrison** and his daughter **Maryellen** show their 10 Year Length of Service. Mick, age 89, and Maryellen take observations at Glennie in Michigan's northeast Lower Peninsula. Photo by CPM **Scott Rozanski**, NWS Gaylord, MI.



**David Rodgers**, left, professor at North Central Michigan College and NWS observer received a 10 Year Length of Service from OPL **Keith Berger**, NWS Gaylord MI. David takes observations at Petoskey, MI. Photo by CPM **Scott Rozanski**.

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# September, October, November Temperature and Precipitation Outlooks from the Climate Prediction Center

