



The National Cooperative Observer

The National Cooperative Observer is an online newsletter.
http://www.weather.gov/os/coop/coop_newsletter.htm

Spring 2011

Inside

John Companius
Holm Award
2

55 Year Benjamin
Franklin Award
3

50 Year Honored
Institution Awards
3

45 Year Dick
Hagemeyer Service
Award
5

25 Year Honored
Institution Awards
10

Length of Service
Awards
40 Year: 6
35 Year: 7
30 Year: 7
25 Year: 8
20 Year: 11
15 Year: 13
10 Year: 16

June, July, August
Temperature and
Precipitation
Outlook
19

New Climate Normals to be Released in July

The National Climatic Data Center will release an initial set of new 1981-2010 Climate Normals for many stations nationwide in July 2011.

The Normal of a particular variable, such as temperature, is defined as the 30-year average. For example, the normal maximum temperature for July is computed by taking the 30 July values of monthly-averaged maximum temperatures from 1981-2010.

Normal values are computed for thousands of stations and for different climatological variables such as temperature, precipitation, snowfall, snow depth, and heating and cooling degree days.

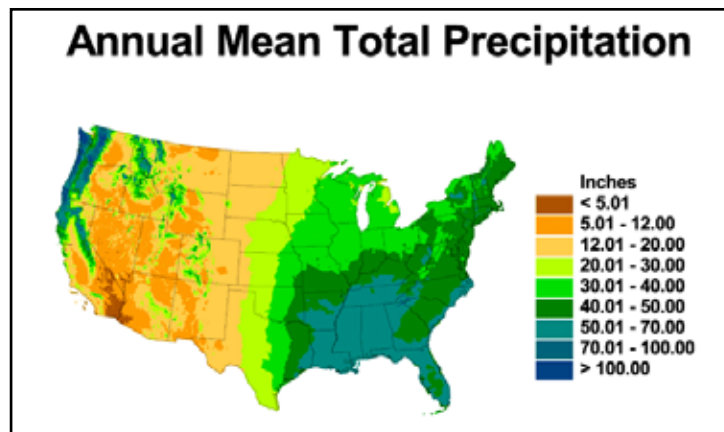
Climate Normals provide users with many tools to understand typical climate

conditions for thousands of locations across the United States.

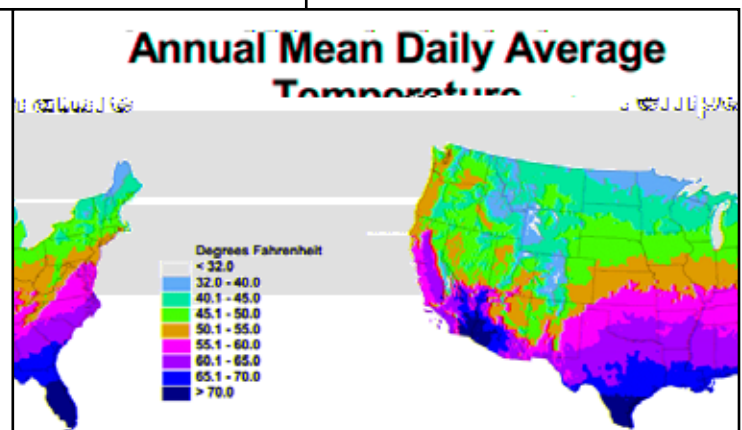
Meteorologists and Climatologists regularly use Normals for placing recent climate conditions in a historical context. NOAA's Normals are commonly seen on local weather news segments for comparisons with the day's weather conditions. That how we know if it's hotter or wetter than normal.

In addition to weather and climate comparisons, Normals are used in countless applications in industries such as energy, agriculture and construction.

Information on the current Normals and the history of the Normals can be found at: <http://www.ncdc.noaa.gov/oa/climate/normals/usnormals.html>.



Sample maps from the last NCDC Climate Atlas.



John Campanius Holm Award



The John Campanius Holm Award was presented to **Alden Davis**, center, of Coden, AL. Alden was born and raised in the Coden area, served as a U.S. Naval officer during World War II, and has operated the Davis Nursery in Coden since 1950. He has been an NWS Cooperative Observer since September 1989, providing daily reports of temperature and precipitation.

Alden has even provided reports during numerous tropical storms and hurricanes that passed through the area during his tenure.

The award was presented by Keith Williams, left, Hydrometeorological Technician (HMT), and Gene Jacobi, Observing Program Leader (OPL), NWS Mobile, AL. Photo by NWS Warning Coordination Meteorologist (WCM) Jeff Garmon.

55 Year Benjamin Franklin Award



From left are Dot Franck, Honoree **James Franck**, and NWS Deputy Director Laura Furgione. Family and friends attended the ceremony as did NWS Meteorologist-in-Charge (MIC), Richard Bandy, Data Acquisition Program Manager (DAPM) Central Wills, and Electronic Systems Analyst (ESA) Terry Lowe.

James Franck of Trenton, NC, was honored with the prestigious Benjamin Franklin Award for his 55 years of service to Jones County as a volunteer weather Observer. The deputy director of the National Weather Service, Laura Furgione, presented the award. James has maintained an unbroken record of 24-hour precipitation data dating back to 1955.

James's interest in measuring rainfall developed during the 30 years he spent working for the County Farm Extension Agency in Jones County and continued when he became a forest consultant. He is a World War II veteran who served a tour of duty in Europe. In addition to volunteering his time to record weather data, he has been an active volunteer with the Boy Scouts of America and with his church. James has been married for 63 years and has three children and three grandchildren.

50 Year Honored Institution Award

A 50 Year Honored Institution Award was presented to the **Provo River Water Users Association** for the weather station at Deer Creek Dam, UT. Steve Summy, OPL, NWS Salt Lake City presented the award to Dan Martin, one of the weather observers at the Dam.



50 Year Honored Institution Award

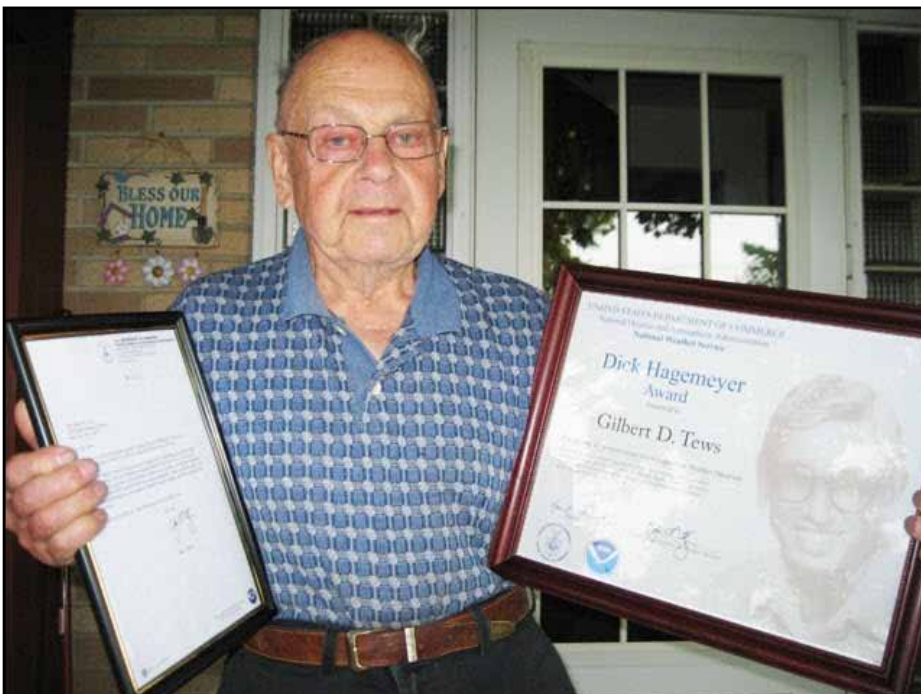
Eugene Goff, Operations Project Manager, accepts the Honored Institution Award for 50 years of weather observations at **John Redmond Lake Reservoir Office**, U.S. Army Corps of Engineers. Eugene was proud to accept the award on behalf of all the men and women who have worked at the John Redmond Lake office over the years, collecting valuable climate data. Authorized by Congress under the Flood Control Act of 1950, John Redmond Lake was started in 1959. Weather observations began shortly thereafter in August 1960. The award was presented by OPL Michael Couch, NWS Topeka, KS.



Donna Lewis, center, accepts a 50 Year Honored Institution Award on behalf of the **Riverside Wastewater Treatment Facility** in Andalusia, AL. The award was presented by Keith Williams, HMT, NWS Mobile, AL. From left, Water Treatment Facility employees pictured are **Timmy Turner, Calvin Watkins, Robert Walker, Josh O'Neal, Tony Ballard, Bob DeLoach, and Tony Wambles**. Photo by Michele Gerlach of the *Andalusia Star News*.

45 Year Dick Hagemeyer Awards

Wanda Diehl of Tescott, KS, accepts a Dick Hagemeyer Award for 45 years of service from Bill Newman, retired DAPM, Topeka, KS. Wanda provides precipitation and river readings. Wanda enthusiastically began serving as an Observer in 1965 after the previous observer, **Vere Tatlock**, retired. Helping others is nothing new for Wanda. She has served on her Church Council and as a Deacon for many years, volunteered for the American Legion Auxiliary and supports many foundations and clubs in central Kansas. Wanda's former minister once said, "Wherever there is a need for help, Wanda is there, ready to serve." In 2001, Wanda was awarded the Holm award for her outstanding contributions in the field of meteorological observations. Photo by Topeka OPL Michael Couch.



Gilbert Tews, Coop River Observer on the Cottonwood River near New Ulm, MN, accepts his 45 Year Dick Hagemeyer Length of Service Award. The award was presented by Ross E. Carlyon, HMT, NWS Chanhassen, MN. Gilbert, and his parents before him, have been observing the river level on the Cottonwood since December 1952.

40 Year Length of Service Awards



A 40 Year Length of Service award was presented to **James Gregory**, Observer at Lone Tree, WY. The award was presented by Steve Summy, OPL, NWS Salt Lake City, UT.

Dean Nelson, Observer at **Albert Lea, MN, Waste Water Treatment Facility** accepts his 40 Year Length of Service Award. The award was presented by HMT Ross E. Carlyon, NWS Chanhassen, MN. Dean has been observing the weather at the plant since October 1970.



Dee Roberts, Observer at Altamont, UT, proudly shows his 40 Year Length of Service Award presented by OPL Steve Summy, NWS Salt Lake City, UT.



35 and 30 Year Length of Service Awards



Arnold Robson, right, holds up his 35 Year Length of Service Award presented by Cooperative Program Manager (CPM) Brian Burleson, NWS Glasgow, MT. Arnold takes and records daily precipitation, snowfall and snow depth readings at his station in Lindsay, MT. Photo by OPL Matthew Moorman.



From left, OPL Steve Summy, NWS Salt Lake City, UT, presents a 30 Year Length of Service Award to **Dennis Barnes**, Observer at Santaquin, UT. Photo taken by Christopher Young, Meteorologist, NWS Salt Lake City.



Dean Davis, Observer at Pleasant Grove, UT, shows his 30 Year Length of Service Award. The award was presented by OPL Steve Summy, NWS Salt Lake City, UT.



A 30 Year Length of Service Award was presented to **Laraine** and **Von Johnston**, Observers at Wellington, UT. The award was presented by OPL Steve Summy, NWS Salt Lake City, UT.

30 and 25 Year Length of Service Awards



From left, **Richard Lohmann** and **Greg Swarthou**, Observers at the **Water Treatment Plant** in Zumbrota, MN, accept their 30 Year Length of Service Awards. The awards were presented by Lyle Schaller, HMT, NWS Chanhassen, MN.



NWS North Platte, NE Meteorologist Bill Taylor presents a 30 Year Length of Service Award to Coop Observer **Karen Rotherham** from Ewing, NE.



Dick Beery, right was presented with a 25 Year Length of Service Award from OPL Matthew Moorman, NWS Glasgow, MT. Dick takes and records daily temperature, precipitation, snowfall and snow depth readings at his station in Circle, MT. Photo by CPM Brian Burleson.



A 25 Year Length of Service award was presented to **Layne Blood**, right, Observer, at Angle, UT. Presenting the award is OPL Steve Summy, NWS Salt Lake City, UT. Photo by Christopher Young, Meteorologist, NWS Salt Lake City.

25 Year Length of Service Awards



Joan Cox of Mason City, NE, was presented with her 25 Year Length of Service Award by MIC Brian Hirsch of North Platte, NE. Photo by OPL Steve Carmel.



Martin Dillingham was presented a 25 Year Length of Service Award for his continued dedication in the Coop Program. Martin continues a family tradition started at his home in Barnardsville, NC, in 1939. DAPM Terry Benthall, NWS Greenville-Spartanburg, was honored to make the presentation.



Marilyn and Claude Harwood proudly accept a 25 Year Length of Service Award for weather observations at Glasco, KS. Marilyn and Claude have done a marvelous job providing rainfall, snowfall and snow depth measurements. They have also provided countless river stage readings for the Solomon River south of Glasco. The award was presented by OPL Michael Couch, NWS Topeka, KS.



Charles and Darlene Moline were presented with a 25 Year Length of Service Award from NWS Glasgow, MT. Charles and Darlene take and record daily temperature, precipitation, snowfall and snow depth readings at their station near Brockway, MT. The award was presented by OPL Matthew Moorman. Photo by CPM Brian Bureson.

25 Year Length of Service and Honored Institution Awards



Byron Smith of rural northwestern Morton County, KS, was presented with a 25 Year Length of Service Award by Jesse Lee, OPL, NWS Dodge City, KS. The site has been in the family since 1941. **John Smith** took over the station from the Soil Conservation Service in January of 1941. John was the observer until he passed away in 1974. His wife **Olga** took over the duties until 1986, when Brian became the Observer.



From left, DAPM Terry Benthall, NWS Greenville-Spartanburg, SC; presents a 25 Year Award to **Andy Weir**, Observer at Chester, SC, with help from MIC Larry Gabric. Andy has continued his father's legacy dating back to 1934. His favorite weather memory? Andy recalled the "Storm of the Century" Saturday, March 13, 1993: the morning began with a heavy rain and water running down the driveway. The family left for a school event, and by the time they got back home the ground was covered in snow.

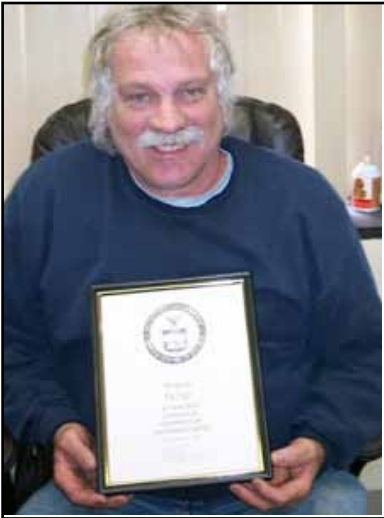


A 25 Year Honored Institution Award was presented to the **Beaver City Powerhouse** for maintaining the Fischer and Porter rain gauge in Beaver Canyon, UT. OPL Don Maker, NWS Las Vegas presented the award to **Gregg Solberg**, right, at the Powerhouse. Photo by OPL Steve Summy, NWS Salt Lake City, UT.



Malcolm Eubanks, left, of Leakesville, MS, accepts a 20 Year Length of Service Award from HMT Keith Williams at NWS Mobile, AL. Photo by Kirk Caceres, Meteorological Intern at the NWS Mobile, AL.

20 Year Length of Service Awards



Ed Full, Observer, in Owatonna, MN, accepts his 20 Year Length of Service Award. The award was presented by HMT Ross E. Carlyon, NWS Chanhassen, MN.



Juliette and John Guth are Dam Operators for **Wisconsin Valley Improvement Company**. They were recently recognized for 20 years of outstanding service for observations taken at the Eau Pleine Reservoir in central Wisconsin.



Kevin Lemm, Observer in Owatonna, MN, shows his 20 Year Length of Service Award. The award was presented by HMT Ross E. Carlyon, NWS Chanhassen, MN. Kevin has been observing the weather at the waste water treatment facility.

Dianne Harwell, Observer at Chatom, AL, accepts a 20 Year Length of Service Award. Diane started observing after retiring from the U.S. Forest Service. The award was presented by OPL Gene Jacobi, NWS Mobile, AL. Photo by HMT Keith Williams.



Gary Hibbs received his 20 Year Length of Service award for taking precipitation observations at Rexford, KS. Making the presentation was OPL Michael Lammers, NWS Goodland, KS. Also attending was Chris Shaffer of the NWS Goodland office. Photo by Administrative Support Assistant (ASA) Joy Hayden.

20 Year Length of Service Awards



Bill Mateer of Sheffield, IA, shows his 20 Year Length of Service Award. Brad Fillbach, HMT, NWS Des Moines, IA, presented Bill with his award.



Eugene Meyer, right, shows his a 20 Year Length of Service Award. Eugene takes and records daily temperature, precipitation, snowfall and snow depth readings at his station in Westby, MT. The award was presented by CPM Brian Bureson from NWS Glasgow, MT. Photo by Met Intern Josh Barnwell.



John A. Nelson, received a 20 Year Length of Service Award for recording the rain and snow at Fullerton, NE. John enjoys sharing his wood carving hobby and is known for his famous "Mile or More" bird as well as his love of baking. His wife, **Frieda**, keeps him young at heart and still laughs at his jokes. John posts his rain and snow amounts on a board outside his home so everyone knows the "official" amount. DAPM Marla K. Doxey, NWS Hastings, NE, presented the award and service pin.

A 20 Year Length of Service award was presented to Mr. and Mrs. Kerry Lambert, Observers at Kamas, UT. The award was presented by OPL Steve Summy, NWS Salt Lake City. No photo available.



Kara Lyn Taylor, Observer at Duchesne, UT, shows her 20 Year Length of Service Award presented to by OPL Steve Summy, NWS Salt Lake City.

15 Year Length of Service Awards



Jared Albus, left, was presented with a 15 Year Length of Service Award from CPM Brian Burlison, NWS Glasgow, MT. Jared takes and records daily temperature, precipitation, snowfall and snow depth readings at his station southwest of Hinsdale, MT. Photo by OPL Matthew Moorman.



Jim Allen, right, Observer, at Julesburg, CO, was presented a 15 Year Length of Service Award. Jim Kalina, Met Intern, NWS Boulder, CO, made the presentation.



Howard Hamilton Observer at Crook, CO, was presented a 15 Year Length of Service Award. Jim Kalina, Met Intern, Boulder, CO, presented the award.



Harold Grimes, left, of Pine Apple, AL, accepts his 15 Year Length of Service Award from HMT Keith Williams of NWS Mobile, AL. Photo by Kirk Caceres, Met Intern at the Mobile NWS office.



Janette Ledbetter at Hunts Bridge, SC, shows her 15 Year Length of Service Award for her diligence. The award was presented by DAPM Terry Benthall, NWS Greenville-Spartanburg, SC. Janette's family has provided the temperature and rainfall reports from Hunts Bridge since 1953.



Brian Buck, Observer at Davenport, WA, accepts a 15 Year Length of Service Award presented by OPL Mark Turner of NWS Spokane, WA. Brian continues a tradition of observations at Davenport that dates back to 1893.

15 Year Length of Service Awards



Harley Jorgenson, Observer at Mankato, MN, accepts his 15 Year Length of Service Award. The award was presented by HMT Lyle Schaller, NWS Chanhassen, MN.



Al Leonard, Observer at Pickford, MI, shows his 15 Year Length of Service Award. Al operated the Kinross, MI, site until June 2005, then relocated to Pickford. He was ably assisted by Howie at left, who passed away shortly before the award. Howie was digitally added to the photo by Javair Mansell of Ashford, Kent, U.K., who proved "anything is possible."



Observer **Mark Moore** was presented a 15 Year Length of Service Award for providing river readings for the Mulvane, KS, area. Presenting the award was OPL Leon Wasinger, NWS Wichita, KS.



Cindy Paris at Hot Springs, NC, was presented a 15 Year Award by DAPM, Terry Benthall, NWS Greenville-Spartanburg, SC. Cindy also routinely checks the staff gauge on the French Broad River. She passes on river reports to customers at her bait and tackle shop. Hikers trekking the Appalachian Trail often stop at her store to replenish supplies and to get a hot meal before continuing on the trail.



Shirley Peavy, Observer, at Brewton, AL, holds up her 15 Year Length of Service Award with help from OPL Gene Jacobi, NWS Mobile, AL. In 2006, Shirley was honored with a Holm Award on behalf of the Peavy family, who have been observing the weather in Brewton since 1933. Photo by HMT Keith Williams, NWS Mobile.



James Rowe, Observer at the **UMORE Park Research and Outreach Center** in Rosemount, MN, accepts his 15 Year Length of Service Award. The award was presented by HMT Lyle Schaller, NWS Chanhassen, MN.

15 Year Length of Service Awards



Wayne Smith was presented a 15 Year Award by DAPM Terry Benthall, NWS Greenville-Spartanburg, SC. Wayne is the manager at the **Elberton, GA, Water Plant**. During the visit, the discussion was all about snow. Elberton, which rarely gets snow and even more rarely has it stay on the ground, had 5 inches on the ground for nearly a week in January.



A 15 Year Award was presented to **Debbie Thompson** at Antreville, SC. Debbie started taking observations when she became the science teacher at Diamond Hill Elementary School to help with lessons on weather. The award was presented by DAPM Terry Benthall, NWS Greenville-Spartanburg, SC.



Russel L. Summy, Observer at Layton, UT, shows his 15 Year Length of Service Award presented by OPL Steve Summy, NWS Salt Lake City, UT.



L. G. "Buddy" Scott, right, Observer in Buena Vista, GA, holds his 15 Year Length of Service Award. The ceremony was held at Buddy's home in Buena Vista. The award was given by Meteorologist Matt Sena, NWS Peachtree City, GA. Photo by Frank Taylor, NWS Peach Tree City.



The Montana Aviation Research Company (MARCO) in Saint Marie, MT, was presented with a 15 Year Length of Service Award from NWS Glasgow, MT. **Darcel Wesen**, left, accepted the award on behalf of the employees at MARCO. The award was presented by OPL Matthew Moorman. Photo by CPM Brian Bureson.

10 Year Length of Service Awards



Rondel (not pictured) and **Lanette Beery** were presented with a 10 Year Length of Service Award from CPM Brian Burleson, NWS Glasgow, MT. Rondel and Lanette record precipitation, snowfall and snow depth near Richey, MT. Photo by OPL Matthew Moorman.



Don and Vivian Button, left, Observers at Ulysses, KS, show their 10 Year Length of Service Award presented by WCM Jeff Hutton, at NWS Dodge City, KS. Vivian is the primary Observer.

Don is the Coordinator for Grant County Emergency Management. The Ulysses station has been in existence since 1889. **Mrs. H.F. McCall** was the longest serving observer from 1917 until 1968. The Buttons took over the station from **Lavon Walters** in 2001.



From left, OPL Michael Lammers, NWS Goodland, KS, presents a 10 Year Length of Service Award to **Virgil Bussen** of Wallace, KS. Photo by Virgil's wife.



Harold and Kaye Carda, right, were presented with a 10 Year Length of Service Award from CPM Brian Burleson, NWS Glasgow, MT. Harold and Kaye record daily precipitation, snowfall and snow depth readings at their station south of Brockton, MT. Photo by Met Intern Josh Barnwell.



A 10 Year Length of Service Award was presented to **Pamela and L. Windsor Copley**, Observers at Mountain View, WY. The award was presented by OPL Steve Summy, NWS Salt Lake City, UT.



Dean and Chris Dirksen were presented with a 10 Year Length of Service Award from CPM Brian Burleson, center, NWS Glasgow, MT. Chris and Dean take and record daily temperature, precipitation, snowfall and snow depth readings at their station in Zortman, MT. Photo by OPL Matthew Moorman.

10 Year Length of Service Awards



Debbie Hammond holds her 10 Year Length of Service Award with help from CPM Brian Burlison, NWS Glasgow, MT. Debbie takes and records daily precipitation, snowfall and snow depth readings at her station northeast of Whitewater, MT. Photo by OPL Matthew Moorman.



Dennis Holtz, Observer at the **New Richmond, WI, Waste Water Treatment Facility** accepts his 10 Year Length of Service Award. The award was presented by HMT Ross E. Carlyon, NWS Chanhassen, MN.



Maxine Korman was presented with a 10 Year Length of Service Award from OPL Matthew Moorman, NWS Glasgow, MT. Maxine takes and records daily precipitation, snowfall and snow depth readings at her station southwest of Hinsdale, MT. Photo by CPM Brian Burlison.



Mr. and Mrs. **Val Marshall**, Observers at Minersville, UT show their 10 Year Length of Service Award presented by OPL Don Maker of NWS Las Vegas, NV. Photo by OPL Steve Summy, NWS Salt Lake City.



Dennis Miotke of Twin Bridges, MT, displays his 10 Year Length of Service Award for taking excellent care of the **Clark Canyon Reservoir** Fischer and Porter rain gauge. Presenting the award was NWS Great Falls, MT, OPL Jerome Saucier.



Doug and Jo Ann Mitchell received a 10 Year Length of Service Award. Their dedication to the Coop program is greatly appreciated. Presenting the award was NWS Great Falls, MT, OPL Jerome Saucier.

10 Year Length of Service Awards



From left, OPL Michael Lammers, NWS Goodland, KS, presents a 10 Year Length of Service Award to **Richard Hayden** of Goodland. Photo by ASA Joy Hayden.



Observer **Tammy Razey**, left, shows her 10 Year Length of Service Award for providing precipitation readings for the Peck, KS, area. Presenting the award was Janet Spurgeon, Service Hydrologist, NWS Wichita, KS. Also attending was OPL Leon Wasinger.



Scott Stegenga at **Table Rock State Park** in South Carolina was presented a 10 Year Length of Service Award. Table Rock is seen in the background. Presenting the award is DAPM Terry Benthall from NWS Greenville-Spartanburg, SC.



Observer **Marvin Wheat** was presented a 10 Year Length of Service Award for providing temperature and precipitation readings for the Eureka, KS, area. Presenting the award was OPL Leon Wasinger, NWS Wichita, KS.



Durwin and Tammy (not pictured) **Williams** received a 10 Year Length of Service Award. Their dedication to the Coop program and attention to detail is greatly appreciated. Presenting the award was NWS Great Falls, MT, OPL Jerome Saucier.

A 10 Year Length of Service award was presented to **Allie Brown**, Observer at Loa, UT. The award was presented by OPL Steve Summy, NWS Salt Lake City. No photo available.

**The National
Cooperative
Observer**

National Cooperative
Program Manager
Joel.Cline@
@noaa.gov

Managing Editor
Melody.Magnus
@noaa.gov

Editors:
Nancy Lee
Jim Zdrojewski

Spring 2011



National Weather
Service
1325 East West
Highway
SSMC2, W/OS5
Silver Spring, MD
20910

June, July, August Temperature and Precipitation Outlooks From the Climate Prediction Center

