

The National Cooperative Observer Newsletter



SPRING 1988

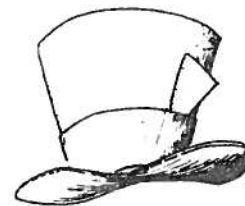
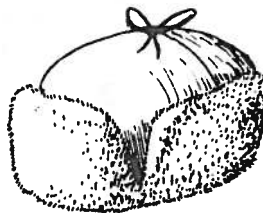
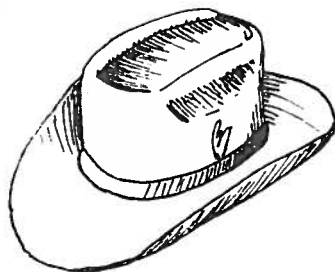
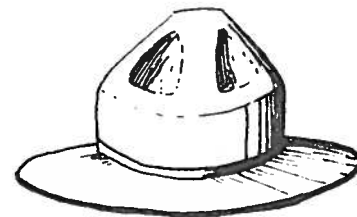
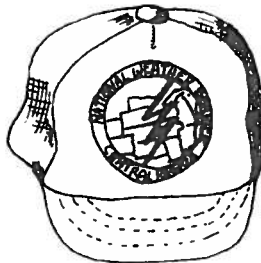
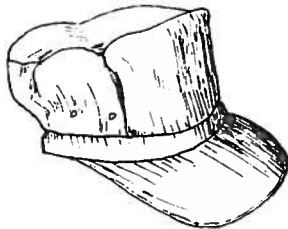
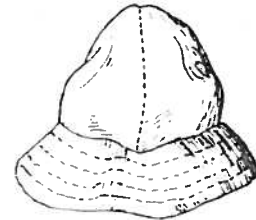
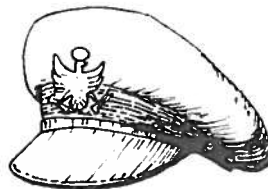
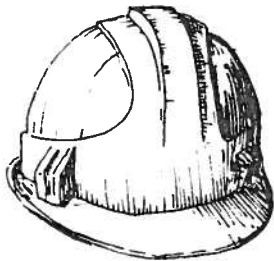
VOLUME 5

NUMBER 3

EASTERN REGION

SOUTHERN REGION

CENTRAL REGION



WESTERN REGION

ALASKA REGION

PACIFIC REGION

noaa

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

ABOUT THE COVER: NWS Central Region Cooperative Branch has illustrated several hat styles of our weather observers, which graphically indicate their dedication regardless of society class ladder or profession, over a century.

NOAA Names New Director For The National Weather Service

MEET YOUR NEW DIRECTOR JOE FRIDAY



A senior National Oceanic and Atmospheric Administration (NOAA) official (3/28/88) named Director of the National Weather Service.

Dr. Elbert W. Friday, Jr., was elevated from deputy director of the Weather Service, a position he has held since September 1981. A major NOAA component, the National Weather Service provides the country with 24-hour warnings of severe weather and floods as well as routine forecasts.

Prior to joining the National Weather Service, Friday was Director of the Defense Department's Office of Environmental and Life Sciences. He retired from the Air Force as a colonel to join the Weather Service.

Friday devoted most of his 20-year military career to meteorology and related areas. He was active in research and operational meteorology for U.S. Air Force operations. The new National Weather Service Director holds a Ph.D. in meteorology from the University of Oklahoma. In the Air Force, he was awarded a Bronze Star, the Defense Superior Medal, and other awards.

Friday succeeds Dr. Richard E. Hallgren who will become Executive Director of the American Meteorological Society.

EVOLUTION OF THE NATIONAL WEATHER SERVICE

1644-45 Rev. John Campanius Holm (chaplain at site of Wilmington, DE) began making first systematic weather records 24 years after pilgrims landed at Plymouth Rock.

For the next 167 years, Weather "Diaries" were kept intermittently in different parts of the country by many, including President Thomas Jefferson, regarded as a weather expert. He used his records to answer inquiries about weather and climate.

1812 First government collection of weather observations began during War of 1812. Army hospital surgeons began to observe the weather and keep climatological records.

- 1817 U.S. Land Office began to keep weather data.
- 1819 Military began weather analysis and record-keeping.
- 1849 Smithsonian Institution supplied weather instruments to telegraph companies and established extensive observation network. Observations were submitted by telegraph to The Smithsonian, where weather maps were created.
- 1853 97 Army camps began keeping weather records.
- 1860 500 stations were making regular observations, but work was interrupted by The Civil War.
- 1869 Telegraph service instituted in Cincinnati; began collecting weather data and producing weather charts.
- Feb. 9, 1870 President Ulysses S. Grant signed joint resolution of Congress authorizing the Secretary of War to establish a National Weather Service. Weather Bureau officially instituted.
- First systematized, synchronous weather observations made by Army Signal Service at 22 stations and telegraphed to Washington.
- Jul. 13, 1965 Creation of Environmental Science Services Administration (ESSA) under Department of Commerce. Weather Bureau placed under ESSA.
- Jul. 1, 1967 Weather Bureau renamed as National Weather Service, still under ESSA.
- Oct. 3, 1970 ESSA changed to NOAA - National Oceanic and Atmospheric Administration. NWS now under NOAA.

CENTRAL REGION



Tom Drendel, Superintendent (right), and Ryan Wernberg, Program Assistant (left), accepted a 75-year Institutional Award for the University of Wisconsin Agricultural Research Station, Marshfield, WI.

CENTRAL REGION



Ruth Euchart, observer, Seymour, IN, was presented a 40-year Length-of-Service award by Albert Shipe, Service Hydrologist, WSFO.



Arnold Stokkeland (left), observer, Cooperstown, ND, was presented a 20-year Length-of-Service award by Vern Roller, CPM, WSFO Bismarck, ND. Picture was taken by Mrs. Arnold Stokkeland.



Erwin Wittrock, Brookings, SD, was recently honored by the NWS for 35 years of weather observing. David Olkiewicz, CPM, Sioux Falls, SD, presented the Award.



Mabel G. Farmer, observer, Gray Hawk, KY, was presented a 10-year Length of Service award and pin by Peter Tellez.



George Simpson, Smithfield, KY, was awarded a 25-year certificate and emblem by Peter Tellez, CPM. Accepting the award is Mr. Simpson and his wife Martha.



Bertha Schmidt, observer, Breien, ND, was presented a 10-year Length-of-Service award by the National Weather Service. Pictured at left, Vern Roller; center, Bertha Schmidt, coop observer; right, Martha Roletto, Service Hydrologist WSFO Bismarck, ND. Picture was taken by Clarence Aadland, Area Electronics Supervisor.

MORE CENTRAL REGION LENGTH-OF-SERVICE AWARDS

COLORADO

Fred Tanner Campo 7 S 20

MINNESOTA

Harold Ulrich Owatonna 25

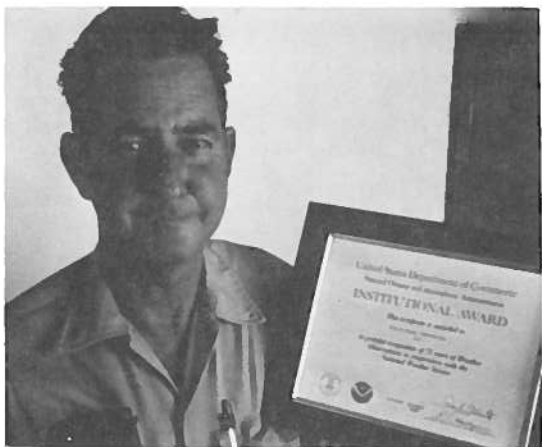
NEBRASKA

Ed Stitt Benkelman 20

KANSAS

Walter J. Schwarz	Worden	55
Edwin A. Engel	Loretta	30
Emerson P. Travnichek	Rosalia	25
A. Genevieve Eshnaur	Norwich	15
Carl W. Curtis	Bluff City	15
Henry Pulliam	Shawnee 2 S	10
Clarence Flegler	Bunker Hill 7 SW	10
D. Phillip Madden	Auburn 1 N	10
Lee Arnold	Norcatour 3 WSW	10

WESTERN REGION



The Phelps-Dodge Corporation, Ajo, AZ, was presented a 75-year Institutional Length-of-Service award. Jerry Tucker accepted the award on behalf of the company. The copper mine there is closed, but the town (40 miles north of the Mexican border) has become popular with retirees and winter visitors.



John Balock, Melstone, MT, was presented a 30-year Length-of-Service award by John Fassler, Service Hydrologist, NWS, Great Falls. About forty friends and neighbors were on hand for the presentation. John and wife Heather had occasional help from their children over the years. In fact, their son Ed used the daily recording of the weather toward his Boy Scout Weather Merit Badge.



Henry Cordes (left), Cordes, AZ, was presented a 50-year Length-of-Service award by Ron Alberty, Area Manager for Arizona. Mr. Cordes is also the recipient of the Stoll award by virtue of taking weather observations for a half-century. Mr. Cordes ranches on land his German-immigrant grandfather homesteaded in 1883.



Vera Easterday, Rome 2 NW, OR, was presented a 30-year Length-of-Service award by Cooperative Program Manager Clint Jenson of the NWS Portland Forecast Office. Vera and her husband Marvin operate a ranch in the southeast corner of Oregon. When Vera's away, her granddaughter, Candy, substitutes as observer.



Mary Harker, the "dean" of cooperative weather observers in western Montana, was presented a 35-year Length-of-Service award by Hydrologist John Fassler of WSFO, Great Falls. Mary began her weather record keeping at Heron, MT, in 1952. She is quick to acknowledge the help given by others, especially family, which has contributed to her fine record. Mary received the Holm award in 1970, and the Jefferson award in 1978, as she maintained an outstanding record of complete and detailed observations.



Joe DeGrande (right), Keno, OR, was presented a 30-year Length-of-Service award by Dave Williams, MIC, Klamath Falls. Joe has lived in Keno since 1946 when he was discharged from the Marine Corps. Now retired, Joe travels some. When he is away his daughter acts as substitute observer.

WESTERN REGION



Kenneth F. Taylor, observer, Idleyld Park 4 NE, OR, was presented a 30-year Length-of-Service award by Marv Shogren, MIC, Eugene, OR. Ken plants and harvests trees on his land. Vic Cangie from Douglas County Water Resources (for whom Ken provides rainfall data) was present, as was CPM Clint Jensen.



Shown with their 25-year Institutional Length-of-Service award are Dr. Bob Tichner (right), Professor of Horticulture; and observer Bruce Geddie. Not shown but much appreciated is compiler of data, Berta Belding. North Willamette Experiment Station is run by Oregon State University. Many cooperative sites in Oregon are located at university facilities.



Richard Efta was presented a 25-year Length-of-Service award for outstanding weather record keeping at his station, Carlyle 12 NW, Southern Wibaux County, MT. Richard is one of about 300 Montana cooperative observers.



The Buckeye, AZ, Police Department and Emergency Services were presented a 25-year Institutional Length-of-Service award. They take daily climate observations and report the weather to the Forecast Office in Phoenix. Velma Washington accepted the award from Irv Haynes, CPM, AZ.



Walt Ericksen, was presented a 25-year Length-of-Service award. Besides operating a "c" network ag station near The Dalles, OR; Walt, a former cherry grower, is an active pilot with his own airstrip and plane.



Elmer Peterson, observer, Alzada, MT, was presented a 25-year Length-of-Service award by John Fassler. Alzada is located about 75 miles--mostly over dirt roads--south of the Carter County seat of Ekalaka. Elmer has been the caretaker of a National Weather Service recording rain gage since January 1962.



Weber Basin Pumping Plant near Ogden, UT, was presented a 25-year Institutional Award. The award was accepted by Ray Huffaker who has taken observations during most of the past 25 years. Presentation was made by CPM Dean C. Hirschi.

ALASKA REGION

We have good prospects for three new coop stations. The first is on Little Diomed Island in the Bering Strait, two miles from Russian occupied Big Diomed Island. The second station is at St. Michaels on Norton Sound. The third station is in Chickaloon Pass at Mile 135 of the Glen Highway.

The Regional Cooperative Program Chief's meeting was hosted by the National Climatic Data Center, Asheville, NC, May 3-5, 1988. The Conference provided an excellent opportunity to show how NCDC and the Cooperative Program can work together to serve each other's needs.

Letters have gone out to all evaporation stations to check all the EVAP equipment prior to beginning the program. When the danger of freezing nighttime temperatures is over, measurements should begin for the summer.

The National Logistic Supply Center in Kansas City has moved to its new location. Despite completion of the move to the

new site, backlogs of supplies continue to grow. The list of items backordered is outstanding, and shipping delays are quite extreme. We ask our cooperative observers to bear with us until this problem is surmounted.

Alaska Outdoor Week #14 was held in May at the Campbell Creek Natural area, south of Anchorage on BLM property. Each year approximately 2200 Anchorage School District sixth grade students participate. More than 100 adults from Federal, state, and local agencies and community organizations join in the programs to instruct the students about some aspect of natural resource management or skill.

This was the 12th year the NWS has participated in Outdoor Week, and 11 years for DATAC personnel. George Cebula, QCS, and Ed Misiewicz, RCPM, were there to explain the elements of a surface weather observation and the numerous types of instruments used to measure these elements.



George Cebula, Quality Control Specialist



Edward Misiewicz, Cooperative Branch Chief



12th Year of the National Weather Service Outdoor Week, Campbell Creek, AK.

PACIFIC REGION



Caren Gohara, retired administrative clerk, East Maui Irrigation Co., Ltd., was presented a Special Service award for her 40 years of rainfall and temperature recording services.

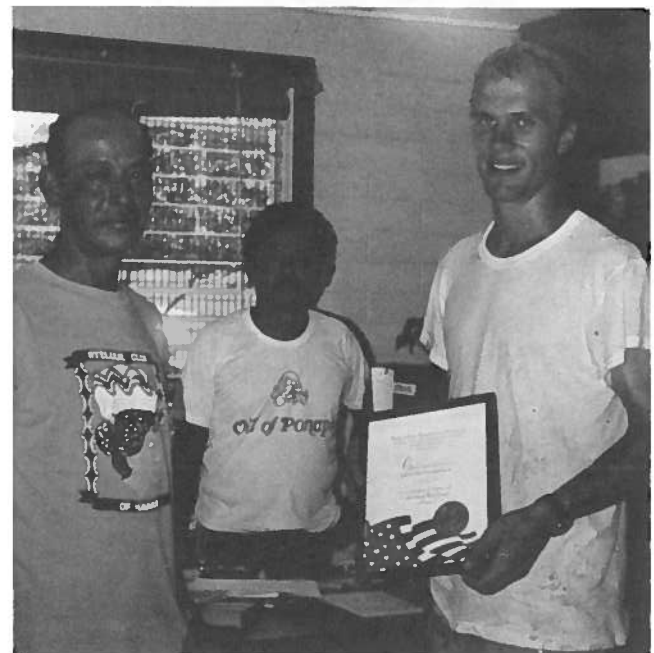


Edward Chang, a small-time rancher, observer, Kahakuloa Mauka, was presented a 20-year Individual Service award.



A 25-year Institutional Service award was presented to Maui Land and Pineapple Co., Ltd. - Honolua Division Stations: Haelaau, Honokohua, Honokahau, Honolua Field 49, Field 46, Mokupea, Nakalele Field 60, and Puu Kukui.

Pictured left to right: Elsie Ramelb, Personnel/Secretary; Virginia Baybado, Receptionist/Secretary; James Koga, Agricultural Research Supervisor; and Douglas Schenk, Plantation Superintendent.



John Cosgrove, observer, Metalanim, was presented a 20-year Length-of-Service award by Akira Suzuki, OIC WSO Pohnpei, and Catalino Sam with Pohnpei Agri. Trades School (PATS).

EASTERN REGION



Earl H. Everett, observer, Peru 2 WSW, NY, was presented the Edward H. Stoll Award and a 50-year Length-of-Service pin in recognition of his long and outstanding record. The award was named for the Elwood, NB farmer who was a cooperative observer for more than 70 years. Presentations by Susan F. Zevin, Acting Director of the National Weather Service Eastern Region.

The ceremony was attended by Roland Loffredo, Area Manager, and Ray West, CPM, Albany, NY. Photo left to right: Susan F. Zevin, Earl Everett, and Ray West. Photo by Roland Loffredo.



Ralph Brown, observer, Louisville, OH, was presented a 40-year Length-of-Service pin by Alan Ringo, Hydrologist, Cleveland, OH; and Michael Wyatt, CPM, Columbus, OH. Photo left to right: Ralph Brown and Alan Ringo. Photo by Michael Wyatt.



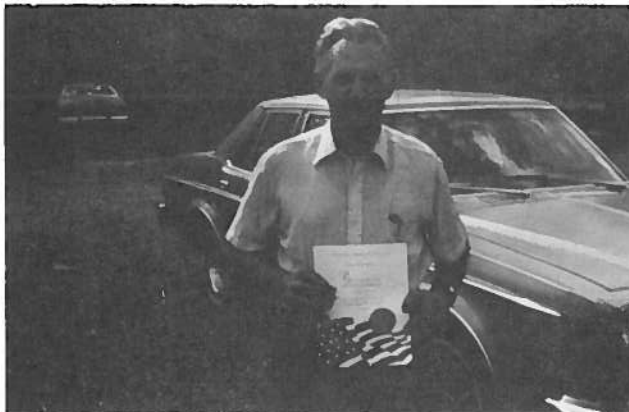
Harold E. Kershner, observer, Hancock, MD, was presented a 40-year Length-of-Service pin by James Smith, CPM, Baltimore, MD.



William Jasper Phillips, observer, Yadkinville 6 E, NC, was presented a 30-year Length-of-Service pin by Earl Rampey, CPM, Columbia, SC.

Mr. Phillips received the John Campanius Holm Award in 1980 for his long period of outstanding accomplishment in the field of meteorological observations.

While his contributions to our knowledge of the climate for his area are very significant, his involvement with civic organizations and his church work tell us a great deal about this outstanding man. He has retired as an active farmer but continues to live on his farm six miles east of Yadkinville, NC. Photo by Earl Rampey.

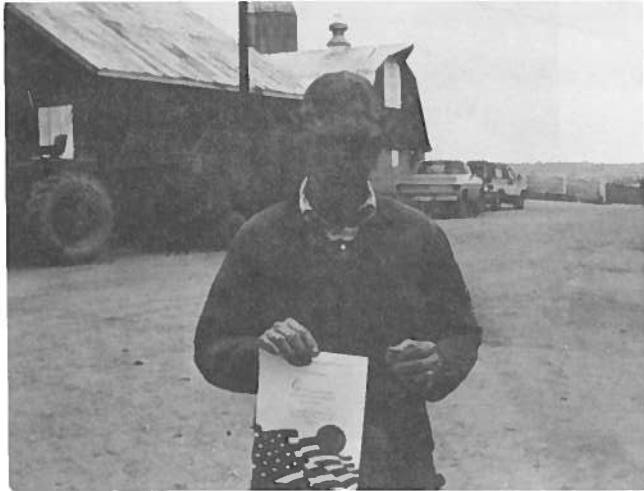


Lawrence (Bud) Fasano, observer, Tuckerton, NJ, was presented a 20-year Length-of-Service pin by James Smith.



Rodney Johnson, observer, Rochester, VT, was presented a 20-year Length-of-Service pin by James Donahue, CPM, Portland, ME.

EASTERN REGION



Hunter F. Staley, observer, Boyds 2 NW, MD, was presented a 20-year Length-of-Service pin by James Smith.



Charlotte Weaver, observer, Haskinville, NY, was presented a 20-year Length-of-Service pin by Ray West.

Eureka Springs - May 88
Arkansas - Carroll
1800 0700 CDT

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

TEMPERATURE				PRECIPITATION				WEATHER				RIVER STAGE		
MAX	MIN	Avg	WIND	WIND	WIND	WIND	WIND	WIND	WIND	WIND	WIND	WIND	WIND	WIND
80	49	74	0											
81	49	73	0											
73	52	61	0.7											
71	50	61	0.4											
78	46	75	0											
83	42	71	0											

REMARKS:
22 May 1800 1200 Since 0700 Called in
23 May 0700 1200 Called in
23 May 1200 1800 Since 0700 Called in
23 May 1800 2400 Since 0700

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W/O 5014

03-2356-1

No "Climatological Data" (monthly bulletin) could be printed by the National Climatic Data Center in Asheville, North Carolina, for any specific weather station without receipt of "E-15" form - by the third Monday in the following month.

However, this the most important weather observing and data recording report, is occasionally sent without a proper pre-addressed label for a particular CPM or Hydrologist Office- before its final destination to NCDC.

Please, DO NOT SEND IT BLANK, each NWS-envelope must have a LOCAL National Weather Service Address, otherwise it will reach Rockville, MD: for the "RETURN postage to be paid for by NOAA"! Only the NCDC has been processing and validating your submitted weather data - before CD Monthly publication. This report timely mailed on June 2nd took 25 days to reach NWS-Headquarters and it was re-directed to NCDC, belatedly! Consequently Arkansas' CD Bulletin for May 1988 could not include "Eureka Springs" weather data.

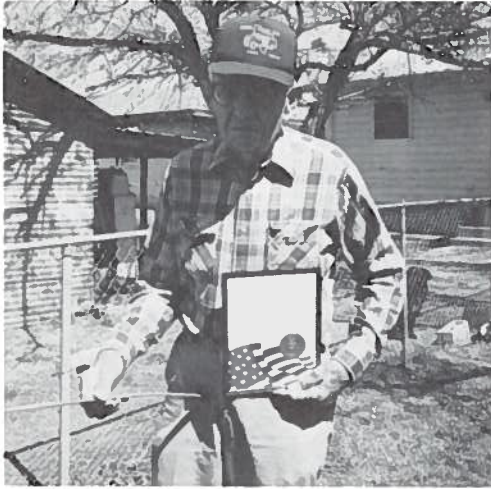
SOUTHERN REGION



Grady A. Bright, observer, Melrose, NM, is shown with his 30-year Length-of-Service award. Richard Snyder, CPM/ABQ, made the presentation.



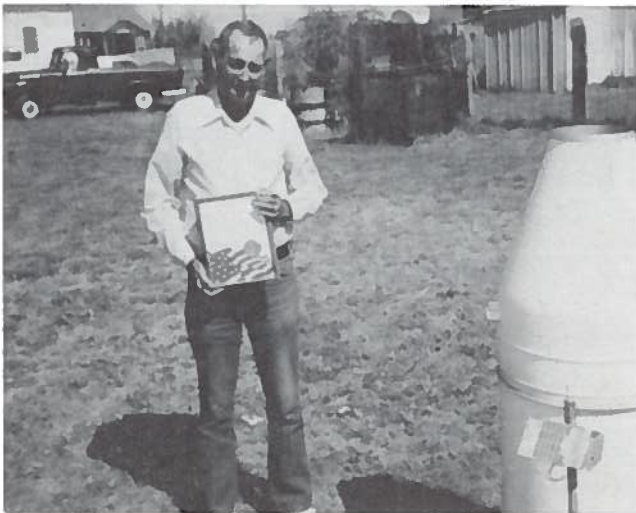
Bill Cavin (right), observer, Ramona, OK, was presented with a 25-year Length-of-Service award by Ben Barker, OIC/Tulsa. Mr. Cavin was the Deputy Administrator of the Tri-County Tech Vocational School in Bartlesville. He is now retired.



Henry M. Lednicky, observer, West, TX, was presented a 30-year Length-of-Service award by Alan Starnes, CPM/ACT.



Pearl Clayton, observer, Cedardale, OK, was presented a 25-year Length-of-Service award by John Lambert, CPM/OKC. Mrs. Clayton and her husband reside on the farm that she was raised on.



G.E. Cargill, observer, Channing, TX, was presented a 25-year Length-of-Service pin and certificate by Charles Megee, CPM/LBB. Mr. Cargill always does an excellent job of getting the Fischer/Porter tape changed and in on time and enjoys keeping track of the rainfall.



Virginia Delozier and Johnny Cline III were presented a 25-year Institutional Award on behalf of the Rockwood Waste Treatment Plant in Rockwood, TN. Presentation was made by Larry Arnold, previous CPM/MEM.

SOUTHERN REGION



Stuart and Clare Haby were presented a 25-year Length-of-Service award by Art Harris and Bob Oehlerich, WSFO/SAT. Mr. Haby is the cooperative observer at Vanderpool 10 N (Haby Ranch).



Wilson Klose, Bertram, TX, was presented a 20-year Length-of-Service award at his ranch in the Texas Hill Country. Dave Owens, MIC/WSO, Austin, TX, made the presentation.



Velma Britt, observer, DeWar 2 NE, was presented a 20-year Length-of-Service award by John Lambert. Mrs. Britt is a conscientious and dependable observer. Thanks again Mrs. Britt for a job well done.



Christine Huff, Edom 3 NW, TX, was presented a 15-year Length-of-Service award by Jerry Wolfe, CPM/FTW.



Bill Gunn, observer, Lipscomb, TX, was presented a 20-year pin and certificate by Chuck Megee, CPM.



Judy Fendley, observer, Piney Grove, AR, was presented a 10-year Length-of-Service award by Woody Currence, CPM/LZK.

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