

The National Cooperative Observer Newsletter



FALL 1988

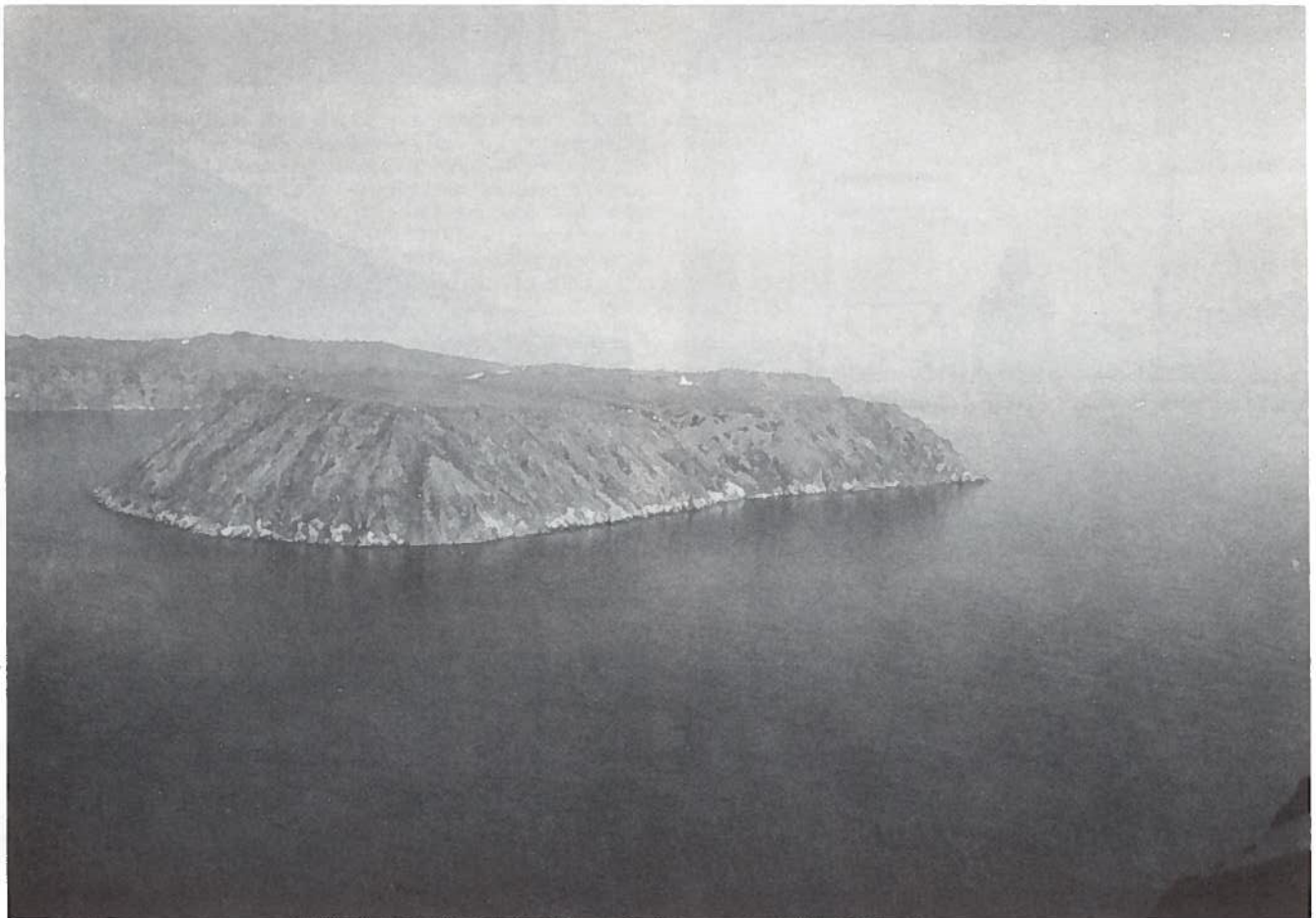
VOLUME 6

NUMBER 1

EASTERN REGION

SOUTHERN REGION

CENTRAL REGION



WESTERN REGION

ALASKA REGION

PACIFIC REGION

noaa NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

SOUTHERN REGION



Darrell Head, observer, Center City, TX, was presented a 25-year length-of-service award by Alan Starnes.



Lawrence Dunlop, observer, Andice 1 WNW, TX, was presented a 20-year length-of-service award by Dave Owens, MIC, WSO, Austin, TX.



Lorine R. Jenke, observer, Fedor, TX, was presented a 25-year length-of-service award by Alan Starnes.



Ethel D. Orr, observer, McCurtain 1 SE, OK, was presented a 20-year length-of-service award by Woody Currence, CPM/LZK.



Travis Smith, cooperative observer, Jayton, TX, recently received his 25-year length-of-service award from Chuck Megee.



Paschal B. Roberts, observer, Frisco, TX, was presented a 20-year length-of-service award by Jerry Wolfe.

CENTRAL REGION



Arthur A. Mahan, Nulltown, IN, received a 40-year Service Award at an Aviators Club gathering on Saturday, September 10th, in Nulltown. Nulltown is located 5 miles south of Connersville. The award was presented by Roger Kenyon, Indiana Cooperative Program Manager for the National Weather Service.

Mr. Mahan has recorded rainfall, snowfall, and observed river readings since October 1948. These data are then published by the National Climatic Data Center, Asheville, NC.

Mr. Mahan is part of a network of nearly 180 cooperative weather observers in Indiana and over 12,000 in the United States. This elite group of citizens make it possible to have a data base of rainfall information used extensively by the U.S. Geological Survey, U.S. Army Corps of Engineers, as well as the National Weather Service.

The National Weather Service thanks Mr. Mahan for his dedicated years of service and is looking forward to many more years of top quality weather observations.



Bill Davis, observer, Holly, CO, was presented a 30-year Service Award by Mike Elias, CPM, Goodland, KS.



Dwight A. Franklin, cooperative observer, Oskaloosa 4 N, IA, was presented a 30-year length-of-service pin and award by Bill Newman, CPM/DSM.



Bill Zimmerman, observer, LaJunta 1 S, CO, was presented a 30-year Service Award by Mike Elias.



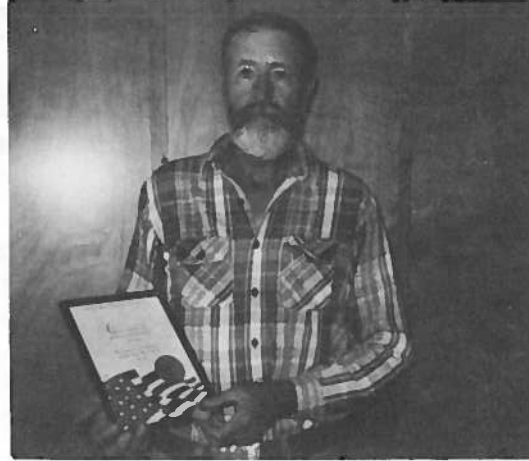
Beverly J. Chaplin, cooperative observer, Hubbard, IA, was presented a 25-year length-of-service award by Bill Newman.

CENTRAL REGION

The Water Department of Bridgewater, SD, was recently honored by the National Weather Service for 25 years of weather observing. The Water Department was presented with a 25-year Service Award by David Olkiewicz, Cooperative Program Manager, National Weather Service Office, Sioux Falls, SD.

The Bridgewater City Water Department began taking observations for the Weather Service in 1963. The observations of temperature and precipitation recorded by Everett McDaniel and LeRoy Schrag are sent to the National Weather Service in the form of monthly reports. The monthly reports are forwarded to the National Climatic Data Center, Asheville, NC, and the South Dakota State Climatology Office, located at the South Dakota State University in Brookings, SD. The reports are published and used in studies of the weather and climate of South Dakota. Weather observations have been recorded in Bridgewater since May, 1947.

The 25-year award presented to the Water Department is a small token of the National Weather Service's appreciation for their devotion and diligence.



John Graves, observer, Timpas 13 SW, CO, was presented a 20-year Service Award by Mike Elias.



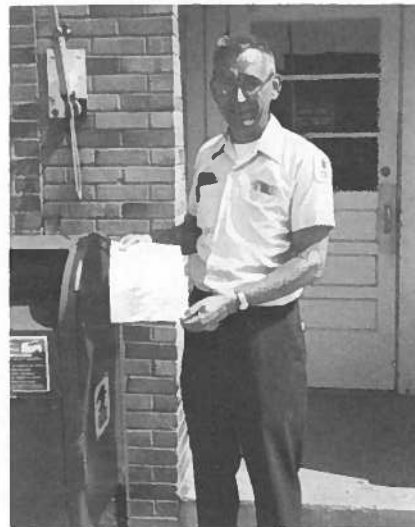
Brad Cox, Ranger, Pomona Lake, KS, accepted a 25-year Institutional Award on behalf of the Corps of Engineers. Gary Funke, CPM WSFO Topeka, KS, made the presentation.



James L. Kennaday, Saratoga, WY, was presented a 20-year Service Award by Wyoming CPM, Ray Kowrach. Mr. Kennaday is pictured with his wife, Janet.



Don Fitting, superintendent of the Burlington, IA, City Sewage Treatment Plant, accepted a 25-year length-of-service Institutional Award for the Sewage Treatment Plant from Bill Newman.



Edward A. Ludwig, cooperative observer, Rockwell City and Rockwell City 2, IA, was presented a 20-year length-of-service award by Bill Newman.

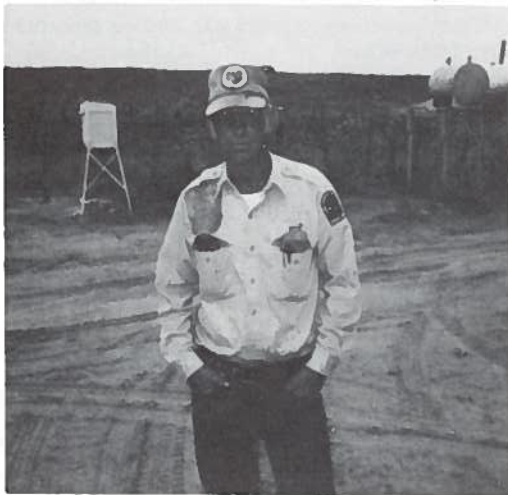
CENTRAL REGION



Wilma Rissen, observer, Lyndon 3 ENE, KS, was presented a 20-year length-of-service award by CPM, Gary L. Funke.



W. Robert Wise of the Kokomo, IN, area was presented a 20-year Service Award by the National Weather Service. Mr. Wise is a cooperative weather observer for the National Weather Service. The award was presented by John T. Curran, National Weather Service area manager.

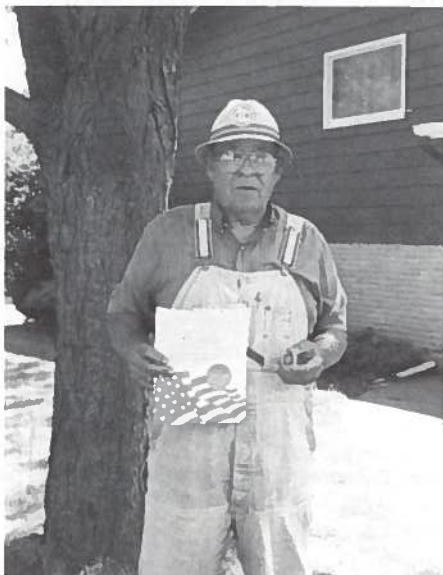


Fred Tanner, observer, Campo 7 S, CO, was presented a 20-year Service Award by Mike Elias.

Mr. Wise began his weather observation program officially on July 16, 1968. Records from his station are published by the National Climatic Data Center, Asheville, NC, and are used by the Midwest Agricultural Weather Service Center at Purdue University.

Over 12,000 cooperative weather observers record temperature and rainfall information over the United States each day. Mr. Wise is one of the 180 observers that comprise the network in Indiana.

The weather station where Mr. Wise keeps his records is located 7 miles southeast of Kokomo near Hemlock. The station boasts of maximum and minimum thermometers...rain gage, soil thermometers at 2...4...8 and 20 inch depths, humidity graph, and evaporation equipment.



Vernon Hartzler, cooperative observer, Kalona 1 SSW, IA, was presented a 10-year length-of-service award by Bill Newman.



James W. Schnaidt, Menno, SD, was recently honored by the National Weather Service for 10 years of weather observing. Mr. Schnaidt was presented with a 10-year Service Award by David Olkiewicz.

Mr. Schnaidt began taking observations for the Weather Service in 1978. The observations of temperature and precipitation made by him are sent to the National Weather Service in the form of monthly reports. The monthly reports are forwarded to the National Climatic Data Center, Asheville, NC, and the South Dakota State Climatology Office, located at the South Dakota State University in Brookings, SD.

CENTRAL REGION



Jeanne E. Asher, cooperative observer, Steamboat Rock, IA, was presented a 10-year length-of-service award by Bill Newman. Jeanne had a new rain gage stand installed and took over observing from her husband, Orville, who began December 30, 1955.



Evelyn Echard, cooperative observer, Waukon, IA, was presented a 10-year length-of-service award by Bill Newman. Evelyn took over observing from her husband, Leland, who began June 14, 1945.



Suzanne Platt, observer, Kim 15 NNE, CO, was presented a 10-year Service Award by Mike Elias.

SERVICE AWARDS

Terrence Amrein	Bondurant, WY	10 years
Kathy Hagman	Douglas 17 NE, WY	10 years
David Nicholes	Pinedale, WY	10 years

Cooperative Program Equipment

Dick Snyder, the CPM from Albuquerque, NM, visited WSH and Belfort Instrument Company during the week of March 28, 1988, to discuss cooperative program equipment and to inspect weighing rain gages being produced at Belfort in Baltimore, MD. Of 60 rain gages inspected at Belfort, only one unit was found to have a problem (paper alignment). Dick reported Belfort quality to be very good. During his visit to WSH, Dick provided numerous ideas on ways to improve performance of the rain gages including:

- a. Enlarge the left bolt hole in the punch arm bearing block assembly mounting plate to allow easy line punch alignment.
- b. Incorporate a slotted stripper plate for extracting pins from the punch block to ensure that pins are extracted with even pressure. The U.S. Geological Survey (USGS) has implemented this improvement and reports that it stops pins from bending and wearing.
- c. Convert to 12 volt power system. This has been implemented by USGS which reports that this modification results in increased system reliability, longer motor and battery life, and lower cost for replacement components.

These proposed improvements were recently discussed at the National CPM Conference. Engineering is awaiting a decision from the national program manager on a course of action.