

The National Cooperative Observer Newsletter



SUMMER 1987

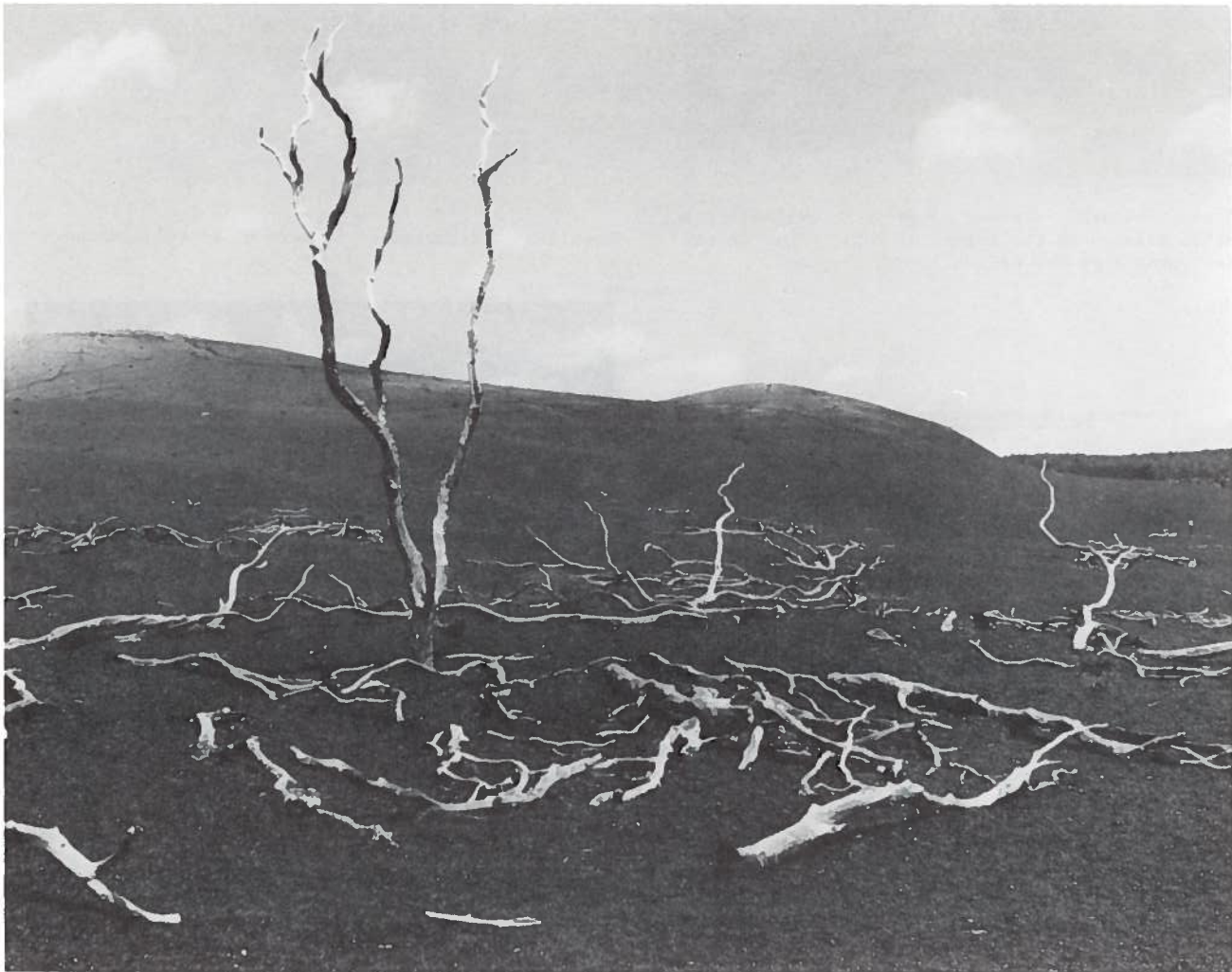
VOLUME 4

NUMBER 4

EASTERN REGION

SOUTHERN REGION

CENTRAL REGION



WESTERN REGION

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NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

PACIFIC REGION

About the cover: Kilauea Volcano crater in the background with the area called Devastation Trail in the foreground on the island of Hawaii. Natural vegetation destroyed during the eruptive phase in the 1960's. Photo by Orlando Almarza, CPM Area I, Hawaii.



One of many natural streams leading to agricultural irrigation ditches on the island of Maui. This stream is a few yards from the KAHOMA INTAKE RAINGAGE.



Hawaiian Net-Throwing Fisherman, Darryl Almarza (son of CPM).



Hawaiian maiden playing a bamboo musical instrument called a nose flute or in Hawaiian terms, OHE IHU. Photo taken during a Cultural Festival at PUU KOHOLA HEIAU, an official rainfall station.



Hula-dancing Maiden. Photo taken during the annual Merry Monarch Festival in the city of Hilo on the island of Hawaii.

Photos above taken by Orlando Almarza, CPM Area I, Hawaii.

ALASKA REGION

Since the last issue of the newsletter, the stations at Chena Hot Springs, Minchumina, and Mekoryuk were closed. The station at Hoonah was closed and then reopened. The new observer is Joyce Morpoulos. A new station at Halibut Cove was opened in August southeast of Homer in Kachemak Bay. The observer is Anne Nixon. During September more stations were opened, the first at Arctic Village above the Arctic Circle. The observer is Steve Lee. The next station was opened at Mile 101 of the Steese Highway near Eagle Summit. The observers are Dick Fredette and Mike Gottschalk. The third station was opened in southeast Alaska at Hollis. The observer is Cathy Starkweather.

We have improved on mailing the forms to NCDC after the first of the month. The amount of late or missing forms has dropped, but let's not relax. Keep up the good work and mail those forms early. The data from late forms will not be published in the monthly Climatological Data bulletins.

We are still having stations with temperature inconsistency on the monthly climate forms. We have available temperature overlays to check the entries. Any cooperative observers who do not have one of these overlays can request one from the Cooperative Program Manager in Anchorage when you send in the first carbon copy of the monthly climate form.



A belated Holms Award was presented to Mrs. Orla Tolleson at Tonsina by George Cebula, Aviation Quality Control Specialist from DATAC. Mrs. Tolleson has been with the Cooperative Program for nearly 15 years. She also maintains a Fischer/Porter raingage and a river station along with the climate station at Tonsina. We appreciate the excellent service and interest of Mrs. Tolleson and are looking forward to a continuing association.

EASTERN REGION



Ben F. Thompson, cooperative observer, Canaan Valley, WV, was presented the John Campanius Holm Award for outstanding accomplishments in the field of meteorological observations. Presentation and photo were made by James Smith, Cooperative Program Manager, Baltimore, MD.



Nicholas Drabick accepted a 25-year Institutional Award on behalf of the Heating Plant Personnel, Hudson Correctional Facility, Hudson, NY. Presentation made by Ray West, Cooperative Program Manager, Albany, NY.



Armand A. Violette, cooperative observer, Rumford, ME, was presented the John Campanius Holm Award for outstanding accomplishments in the field of meteorological observations. Presentation and photo were made by James Donahue, Cooperative Program Manager, Portland, ME. Photo: Left to right: Mrs. Elsie Plante, reporter for Lewiston, Maine Daily Sun, and Armand A. Violette.



Jack Fryman was presented a 25-year Institutional Award on behalf of the Miami University, Oxford, OH. Presentation was made by Michael Wyatt, Cooperative Program Manager, Columbus, OH. Photo: Left to Right: Jack Fryman and Keith Pastor, Hydrologist with Miami Conservancy District, Dayton, OH.



Mr. and Mrs. Robert Marple, cooperative observers, Rock Cave, WV, retired after 35 years of taking weather observations. Best of luck in your retirement years. Photo by Don Wolfe, Cooperative Program Manager, Pittsburgh, PA.



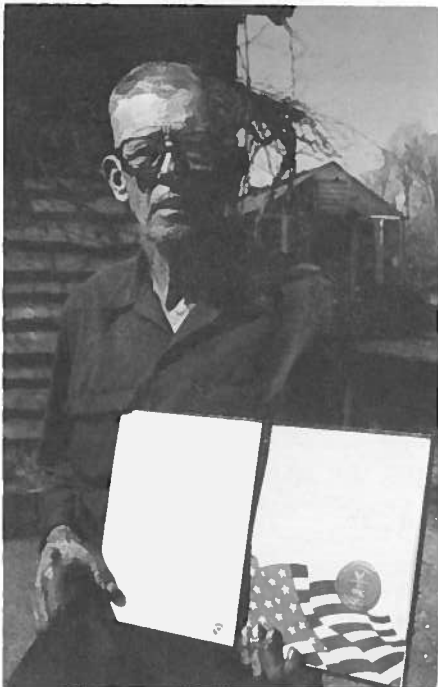
Gerald F. Detzer, cooperative observer, Locke 2 W, NY, was presented a 20-year length-of-service pin by Ray West.

EASTERN REGION



Ken Harman (left), accepted a 25-year Institutional Award on behalf of the U.S. Corps of Engineers, Huntington District, Huntington, WV.

Stanley Diehl, who is the observer, received a 25-year length-of-service pin. Presentation was made by Alan Rezek, Area Manager, Charleston, WV, and Dave Keller, Hydrologic, Cooperative Program Manager, Charleston, WV. Photo: Left to right: Ken Harman, Stanley Diehl, Alan Rezek, and Col. Brown, Corps of Engineers Commander Huntington District.



John Bulgin, cooperative observer, Franklin, NC, was presented a 20-year length-of-service pin. John is a retired city employee and enjoys his iron works hobby. He can fabricate almost anything from iron. Presentation made by Earl Rampey, Cooperative Program Manager, Columbia, SC.



Paul Harvey, cooperative observer, Cincinnatus, NY, was presented a 20-year length-of-service pin by Ray West.



David Hoffman, cooperative observer, Trout Dale, VA, was presented a 10-year length-of-service pin by Dave Keller (left), Hydrologic, Cooperative Program Manager, Charleston, VA.

EASTERN REGION



William M. Meadows, cooperative observer, Fletcher 2 NE, NC, was presented a 30-year length-of-service pin by Earl Rampey, CPM, Columbia, SC, and Certificate of Recognition by Kenneth Hadeen, Director of the National Climatic Data Center. The ceremony was attended by Earl Rampey, Odell Sluder; NWS, Asheville, NC; Kenneth Hadeen, Director, NCDC; Grant Goodge, Chief, Cooperative Data Branch, NCDC; and noted Asheville radio personality "Little Joe" Brown. Pictured above (L to R): Odell Sluder, Joe Brown, and William Meadows. Pictured upper right (L to R): William Meadows, Kenneth Hadeen. Pictured right (L to R): Earl Rampey, Odell Sluder, William Meadows, and Kenneth Hadeen.



COOPERATIVE OBSERVER AWARDS

The following persons are recipients of top Cooperative Observer Awards for 1987.

THOMAS JEFFERSON AWARD

Virgil L. Mathias - Mathias, NY

JOHN CAMPANIUS HOLM AWARD

George F. Alverson, Whitmire, 4 NE, SC
Ethel B. Carey, Edmeston, NY
William L. Culp, Winthrop College, SC
John R. Fox, Parkton 2 SW, MD
Vincent C. Galligan, Oakland Valley, NY
C. Russell Levering, LaPlata 1 W, MD
W. Hubbard Parkhurst, Hammonton 2 NNE, NJ

We congratulate each of you for your outstanding work which has earned you this distinctive award.

Arrangements for presentation of your award will be made by the field representative for your area.

SOUTHERN REGION

Awards night on the campus of Louisiana State University at Baton Rouge, LA.



James M. Miller (right), Leesville, LA, was presented the Thomas Jefferson Award by Robert C. Landis, NWS Director, Southern Region. Mr. Miller has not missed an observation in 43 years and is still going strong.



Louisiana Area Manager Bill Crouch (left) also attended the LSU Awards Ceremony and presented the John Campanius Holm Award to Hance Chance (right), Elizabeth, LA.

There were a total of 7 awards presented during the evening. Bob Manning, Chief, RCPS, attended the event and acted as MC. Congratulations to Malcolm Moreau, who was responsible for making the arrangements and participating in such a worthwhile event.



Deputy Director-SR-Bill Proenza flew to St. Croix, VI, to present the Holm Award to Senator and Mrs. Frits Lawaetz. The ceremony took place at the beautiful St. Croix Government House. Along with the media and government dignitaries in attendance were MIC Vincente Carreras, Ex-CPM Carlos Noboa, and current CPM/PR Tomas Perez-Lugo. Mrs. Lawaetz is Danish by birth and her mother's maiden name was Holm. She could be a distant relative of John Campanius Holm. We will have to trace Mrs. Lawaetz's family tree someday.



Ralph Ayers, cooperative observer, Cedartown, GA, for the past 33 years, was presented the John Campanius Holm Award at a meeting of the Cedartown City Commission September 14, 1987, at City Hall. The following were in attendance for the presentation: Left to right - Ralph Funderburk, CPM/MCN; Bill Cumming, State Representative; Ralph Ayers, observer; and Carlos Garza, AM/ATL. Also in attendance were Mr. Ayers' family, City Commissioner, and approximately 50 local residents of Cedartown, GA.

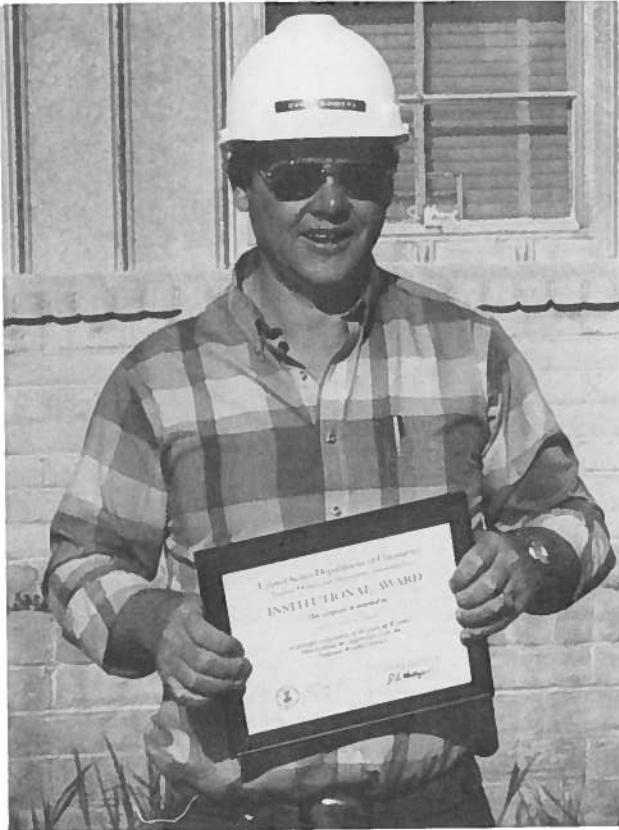
SOUTHERN REGION



Itasca, TX, cooperative observer honored in the Director's Office. A long-time desire of Carl Sweeney, Jr., was fulfilled recently with a tour of the River Forecast Center and Weather Service Forecast Office in Fort Worth. The Director SR, Robert C. Landis presented Mr. Sweeney the John Campanius Holm Award for his outstanding record as official observer at Itasca, TX.

Front row, left to right - Dave Smith, RH; Alan Starnes, CPM/ACT; Mrs. Sweeney; Carl; and Robert Landis, Director, SR.

Second row - Bob Manning, Chief/RCPS; Mac McLaughlin, Chief/MSD; Doug Davis, Chief/DSB; Stan Spivey, Chief/SIB; Bill Proenza, Deputy Director; and Dan Smith, Chief/SSD.



David Sanders, Operations Superintendent, was presented a 50-year Institutional Award for Sunterra Gas Processing Company, NM, by Dick Snyder, CPM/ABQ.



Grace Carter, cooperative observer, Van Vleet, MS, was presented a 45-year length-of-service award by Maxie Brown, CPM/JAN.

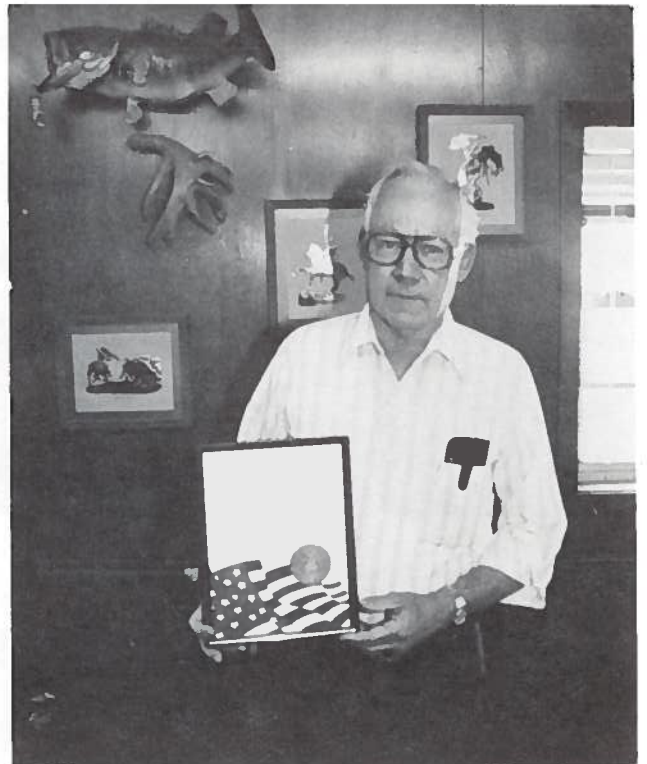


A 25-year Institutional and Special Service Award was presented to the Texas Highway Department District Laboratory - Paris, TX. Shown left to right: Tommy Trimble (DMIC/FTW); W.J. Thomas (Retired Lab Chief); Jimmy Gullion (Assistant); and Doris North, (Secretary).

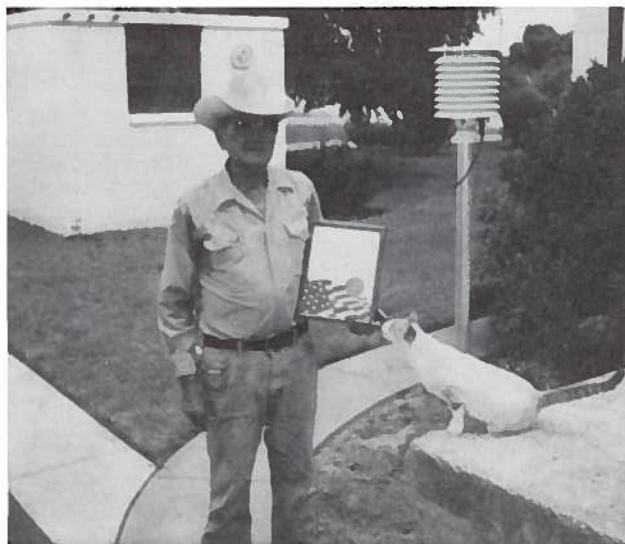
SOUTHERN REGION



Ralph H. Wright, cooperative observer, Redrock 1 NNE, NM, was presented a 45-year length-of-service award by Dick Snyder. Mr. Wright received the Holm Award in 1978 and the Jefferson Award in 1985.



Edwin O. Lundgren, Jr., cooperative observer, Elgin, TX, was presented a 35-year length-of-service award by Alan Starnes, CPM/ACT.



Bryant A. Harris, cooperative observer, Garden City, TX, was presented a 35-year length-of-service award this year. Being a rancher in the Garden City area, Bryant has always been concerned about the weather and has enjoyed keeping track of the temperatures and rainfall. His cat couldn't believe it had been 35 years until he read the certificate. Presentation was made by Chuck Megee, CPM/LBB.

CENTRAL REGION



Susan Inness, cooperative observer, Fort Morgan, CO, accepted a 75-year Institutional Award for Western Sugar Co. Presentation by Mike Elias, CPM/GLD.



Grafton J. Longden, Jr., cooperative observer, Greencastle, IN, was presented a 40-year length-of-service award on May 4, 1987. The presentation was held at Mr. Longden's private residence. Pictured left-to-right: John T. Curran, MIC(AM); Mr. Longden, observer; and Al Shipe, Service Hydrologist.



Harold Clay Mann, Blue Lick Springs, KY, was presented the Holm Award for 1986 by Peter Tellez, CPM, May 20, 1987.



Richard L. Davis, cooperative observer, Burlington, IN, was presented a 35-year length-of-service award. The award was presented at his residence in Burlington, by John T. Curran.



Mary Hardin, cooperative observer, Antioch, NE, was presented a 45-year length-of-service award by Mike Elias.



Fred O. Forthun, cooperative observer, Hettinger, ND, was presented a 35-year length-of-service award on August 19, 1986. Fred runs a nursery and is pictured in his greenhouse. Picture and presentation by Vern Roller, CPM, WSFO Bismarck, ND.

CENTRAL REGION



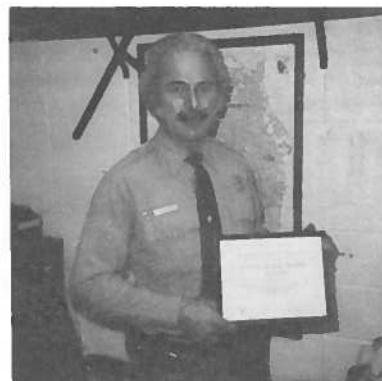
Ted Ochsner, cooperative observer, Tuttle, ND, was presented a 35-year length-of-service award. Picture and presentation by Vern Roller.



Phil Tommer, cooperative observer, Kinsley, KS, was presented a 25-year Award.



Hugh W. Buffin, cooperative observer, was presented a 30-year Service Award and lapel pin by CPM Peter Tellez.



The Park Ranger staff of Mt. Rushmore, was recently honored by the National Weather Service for 25 years of weather observing. Leo Zwetzig, Chief Ranger, was presented with a 25-year service award by David Olkiewicz, Cooperative Program Manager, from the National Weather Service Office, Sioux Falls, SD.

The Ranger staff began taking observations for the Weather Service in 1962. The observations of temperature and precipitation made by the Park Rangers, are sent to the National Weather Service in the form of daily and monthly reports. The observations taken at Mt. Rushmore are published and used in studies of the weather and climate of South Dakota.



Mr. and Mrs. Gordon Watts, cooperative observers, Deweese, NE, were presented their 30-year length-of-service awards by Tom Sinclair, CPM/OMA.



Vernon Ferch, cooperative observer, University of Minnesota, Southern Experiment Station, Waseca, MN, was presented a 20-year length-of-service award and lapel pin May 20, 1987, by B. Spenser, CPM.

WESTERN REGION



Effie Spicer, cooperative observer, Beatty, NV, was presented a length-of-service award by Bert Soileau, CPM, Reno. With her four sons, Effie runs a ranching/mining company, The Boiling Pot Outfit. This multi-talented woman, a dedicated weather observer since 1972, is also a writer, horsewoman, fiddler, and is active in many organizations.

OTHER WESTERN REGION

LENGTH-OF-SERVICE AWARDS

<u>STATE</u>	<u>STATION</u>	<u>YEARS</u>
CALIFORNIA		
Henry Mantelli	Gilroy 8 NE	20
IDAHO		
Bud James	Stanley	10
MONTANA		
Ruby Coughlin	Ovando 9 SSE	10
Bob Wetzsteon	Sula 3 ENE	10

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TIPS FOR COOPERATIVE OBSERVERS

This section of the newsletter has been added as an informal medium in which general and technical information can be presented to cooperative observers nationally. The National Weather Service, National Climatic Data Center, and all users of weather records greatly appreciate your efforts as cooperative observers. Without your support there would be no cooperative weather observing program.

* * * * *

CLARIFIED PROCEDURES FOR RECORDING MAXIMUM AND MINIMUM TEMPERATURES

Are you a morning observer (observation time between 5 a.m. and 10 a.m., for example) that needs to record last night's minimum temperature on your E-15 form, rather than the minimum temperature for the previous full 24 hours? On some occasions, last night's minimum will be warmer than the temperature at the time of observation on the previous morning. In these cases, enter the 24-hour minimum in the "MIN." (second from left) column of the E-15, and last night's minimum in the "REMARKS" (right) column. This is optional. The entry in the REMARKS column should read, for example, "a.m. minimum 33" or "last night min. 33".

Example for 7 a.m. observer:
yesterday's 7 a.m. temperature 18
yesterday afternoon's maximum 37
last night's minimum 33
today's 7 a.m. temperature 34

Entries on Form E-15

24 HOURS
ENDING AT

OBSERVATION

MAX	MIN	AT	OBSN	REMARKS
37	18	34		a.m. min 33 ("a.m. min 33" is optional)

If you report 33 (instead of 18) in the MIN column, your E-15 will be charged with an error, because 33 is not a 24-hour minimum. Your entry in the MIN column must be at least as low as the lowest of today's or yesterday's AT OBSN temperature.

Are you an afternoon or evening (i.e., 4 p.m. to 11 p.m.) observer that needs to keep a record of today's maximum temperature, rather than the maximum for the previous full 24 hours whenever today's maximum is lower than yesterday's? If so, please record the full 24-hour maximum in the MAX (far left) column of your E-15, and record today's maximum in the REMARKS column: i.e., "p.m. max. 75" or "today's max. 75."

Example for 6 p.m. observer:
yesterday's 6 p.m. temperature 88
last night's minimum 67
this afternoon's maximum 75
today's 6 p.m. temperature 71

Entries on Form E-15

24 HOURS
ENDING AT

OBSERVATION

MAX	MIN	AT	OBSN	REMARKS
88	67	71		p.m. max 75 ("p.m. max 75" is optional)

If you report 75 (instead of 88) in the MAX column, your E-15 will be charged with an error, because 75 is not a 24-hour maximum. Your entry in the MAX column must be at least as high as the highest of today's or yesterday's AT OBSN temperature.

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