

U. S. DEPARTMENT OF COMMERCE  
FREDERICK H. MUELLER, Secretary  
WEATHER BUREAU  
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# CLIMATOLOGICAL DATA

NEVADA

JULY 1959

Volume LXXIV No. 7



ASHEVILLE: 1959









# EVAPORATION AND WIND

NEVADA  
JULY 1959

Station		Day of month																															Total or Avg.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
BOULDER CITY	EVAP	.38	.27	.65	.74	.79	.66	.72	.63	.50	.42	.47	.52	.66	.65	.50	.47	.47	.77	.53	.58	.45	.49	.46	.48	.63	.71	.47	.61	.53	.22	.24	16.67	
	WIND	33	34	88	95	89	66	102	64	17	12	14	41	68	78	49	20	15	94	59	66	69	37	47	29	35	64	48	70	65	42	22		1632
	MAX	95	96	96	91	90	95	94	96	102	104	104	100	98	94	100	101	106	105	103	100	96	102	101	101	101	102	98	94	92	92	98		
MIN	69	62	72	64	62	64	61	59	65	68	70	67	70	70	70	71	73	73	71	72	69	72	70	72	72	72	72	69	67	67	69	68.5		
CALIENTE	EVAP	.36	.44	.39	.54	.36	.45	.50	.37	.32	.36	.32	.44	.46	.41	.42	.30	.33	.33	.55	.31	.43	.24	.35	.39	.43	.28	.34	.41	.48	.12		.28	11.71
	WIND	27	38	43	29	32	35	36	32	14	17	19	30	23	38	27	15	16	28	31	18	33	26	25	22	25	14	25	25	32	9		18	
FALLON EXP STA	EVAP	.30	.42	.34	.31	.41	.55	.35	.29	.27	.30	.32	.35	.38	.31	.31	.33	.38	.43	.41	.36	.45	.47	.31	.28	.34	.38	.42	.37	.32	.30	.33	11.07	
	WIND	15	39	44	16	41	105	57	20	11	9	20	46	30	23	13	12	20	25	32	14	28	28	42	12	11	25	34	15	12	11	17		827
LAHONTAN DAM	EVAP	.34	.34	.45	.56	.54	.64	.63	.43	.41	.53	.41	.54	.55	.49	.40	.40	.61	.61	.50	.44	.50	.60	—	.17	.38	.48	.57	.67	.47	.40	.48	B15.02	
	WIND	18	73	119	52	22	244	145	123	30	72	39	69	126	134	93	88	74	102	92	67	134	58	104	43	44	17	159	117	73	55	57		2643
RUBY LAKE	EVAP	.36	.23	.43	.59	.29	.43	.48	.27	.40	.33	.38	.44	.25	.37	.33	.38	.37	.34	.14	.60	.44	.38	.38	.21	.40	.16	.25	.20	.58	.28	.18	10.87	
	WIND	16	10	18	2	22	39	69	59	13	11	9	20	26	23	30	35	18	13	22	29	17	31	33	23	36	5	6	20	34	12	16		0
RYE PATCH DAM	EVAP	.41	.42	.39	.49	.40	.56	.36	.44	.36	.32	.36	.40	.44	.47	.43	.25	.33	.52	.35	.39	.44	.51	.36	.20	.36	.41	.49	.64	.41	.45	.38	12.74	
	WIND	46	36	59	105	50	34	120	113	48	33	17	58	43	74	27	24	29	27	47	48	31	41	42	45	25	37	27	146	65	86	28		1512
TOPAZ LAKE	EVAP	.46	.52	.55	.52	.54	.58	.60	.52	.47	.52	.37	.45	.45	.46	.45	.54	.52	.52	.55	.50	.53	.52	.23	.50	.52	.55	.58	.56	.55	.45	.40	15.48	
	WIND	55	98	100	54	67	133	138	55	36	40	36	39	45	40	74	56	43	47	51	47	55	65	44	52	55	66	58	68	46	45	37		1845
	MAX	85	83	87	85	84	80	83	85	91	92	97	97	87	86	93	92	91	94	92	91	88	87	82	91	90	90	88	85	86	85	90		
MIN	53	54	55	54	51	52	48	46	51	57	58	62	58	63	57	58	60	62	61	62	60	62	64	59	60	60	58	57	52	57	58	57.1		

MAXIMUM AND MINIMUM IN ABOVE TABLE REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24 HOURS ENDING AT TIME OF OBSERVATION.

## SUPPLEMENTAL DATA

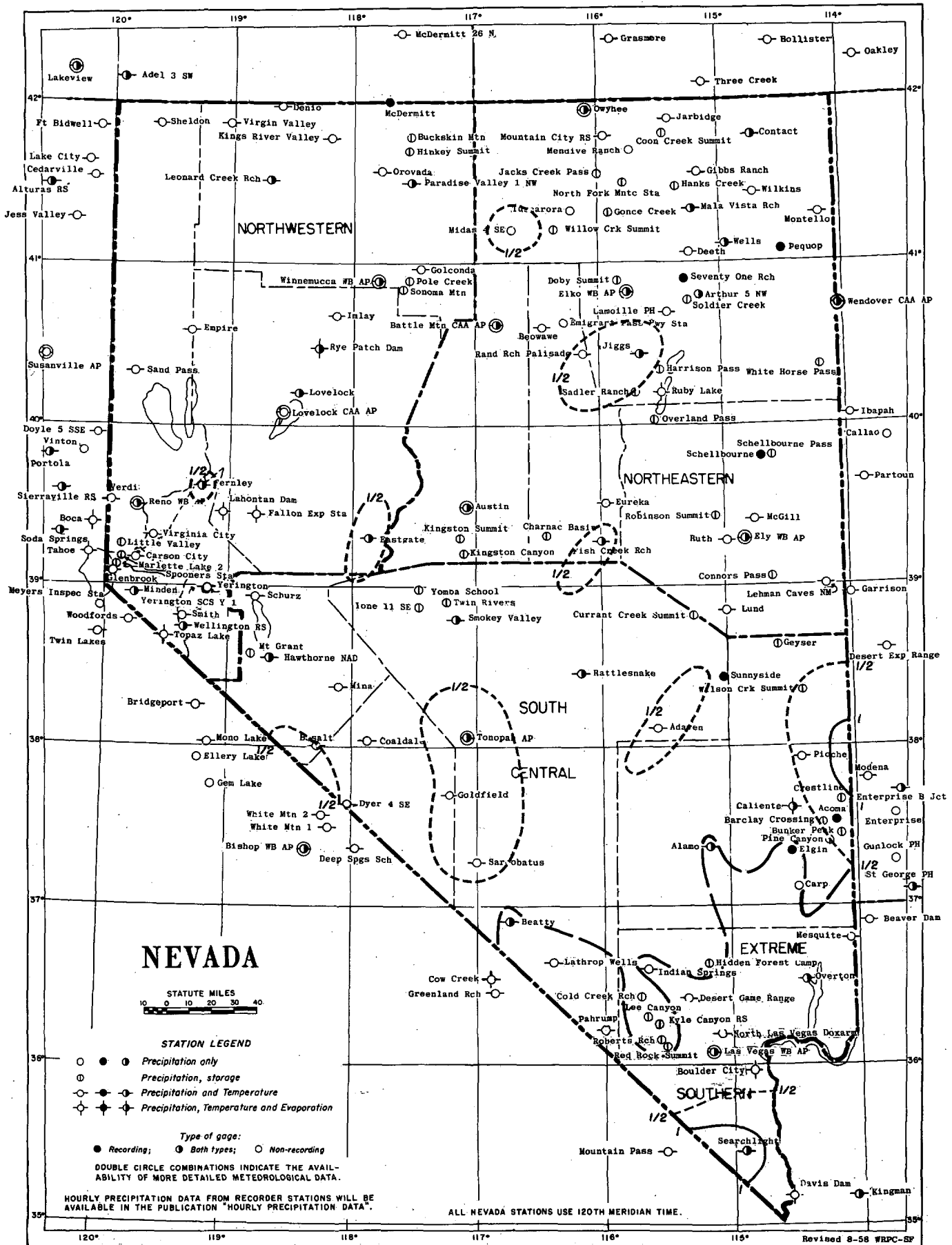
Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	4:00A PST	10:00A PST	4:00P PST	10:00P PST	Trace	01-09	10-49	50-99	100-199	200 and over			Total
ELKO WB AIRPORT	SW	11	6.3	++29	S	12	40	18	12	25	7	2	1	0	0	0	10	—	3.5
ELY WB AIRPORT	S	27	10.9	38	S	6	48	22	19	33	11	5	0	0	0	0	16	93	4.8
LAS VEGAS WB AIRPORT	SSW	15	10.5	++37	NE	20	25	16	12	19	6	1	0	0	0	0	7	89	3.3
RENO WB AIRPORT	WNW	15	5.7	29	NW	7+	67	24	14	33	4	2	0	0	0	0	6	98	2.5
WINNEMUCCA WB AIRPORT	W	12	8.3	40	E	12	35	17	11	21	4	0	0	0	0	0	4	77	3.4

++ FASTEST OBSERVED ONE MINUTE WIND SPEED. THIS STATION IS NOT EQUIPPED WITH AUTOMATIC RECORDING WIND INSTRUMENTS.

See reference notes following Station Index.

# TOTAL PRECIPITATION

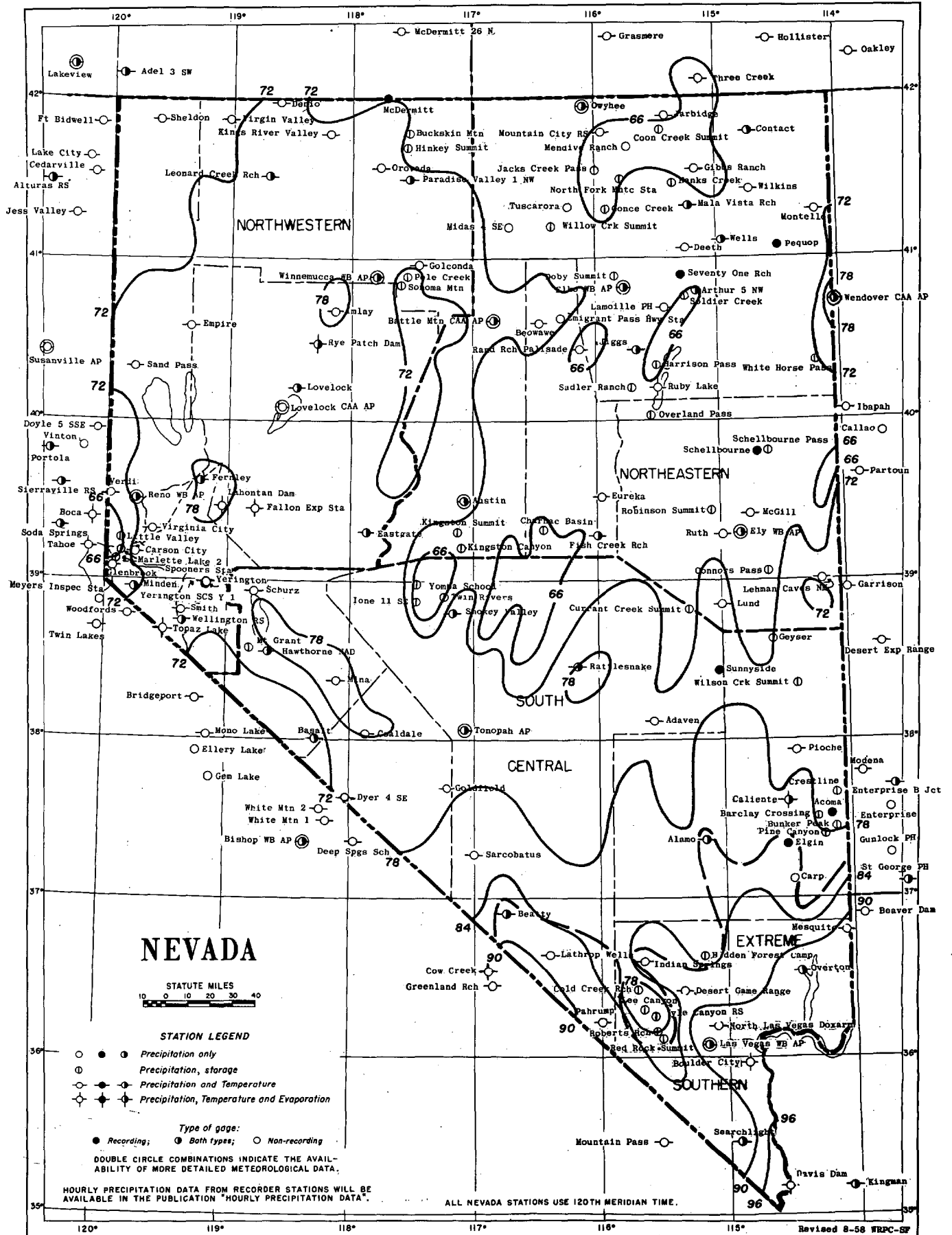
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ISOLINES ARE DRAWN THROUGH POINTS OF APPROXIMATELY EQUAL VALUE. CAUTION SHOULD BE USED IN INTERPOLATING ON THESE MAPS, PARTICULARLY IN MOUNTAINOUS AREAS.

# AVERAGE TEMPERATURE

JULY 1959



ISOLINES ARE DRAWN THROUGH POINTS OF APPROXIMATELY EQUAL VALUE. CAUTION SHOULD BE USED IN INTERPOLATING ON THESE MAPS, PARTICULARLY IN MOUNTAINOUS AREAS.





REFERENCE NOTES

NEVADA  
1959

Additional information regarding the climate of Nevada may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Salt Lake Municipal Airport, Salt Lake City 16, Utah, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Long-term means for full-time stations (those with Weather Bureau, Weather Bureau Airport, or Weather Bureau City in the station name) are based on the period 1921 - 1950 adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931 - 1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. (During the summer months some observers take the observations on daylight saving time.)

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 4:00 a.m. PST.

In the Station Index the letters C, G, H, J, and S in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table.
- J "Supplemental Data" Table.
- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, will be published later in "Precipitation Data from Storage-Gage Stations" Bulletin.

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

\* Amount included in following measurement, time distribution unknown.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

AM Data based on observational day ending before noon.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

VAR This entry in time of observation column in Station Index means variable.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

General weather conditions in the U.S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D.C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication 'Substation History' for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D.C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data, obtained as indicated above, price 15 cents.