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January-June 1948 is out of print.





# CLIMATOLOGICAL DATA

## COLORADO SECTION

E. B. GITTINGS

PRICE: 5 CENTS A COPY; 25 CENTS A YEAR

VOL. LIII DENVER, COLO. JULY, 1948 No. 7

### GENERAL SUMMARY

Scattered showers occurred over the Colorado and Platte basins during the first three days of the month under the influence of several surges of moist Pacific air. During the 4th and 5th relatively high pressure with a dry Continental air-mass prevailed and generally fair weather was the rule. On the 6th and 7th the region was again under the influence of moist Pacific air and scattered showers were common over most of the area. From the 8th through the 14th pressure was relatively high, with a Continental Tropical air-mass prevailing. During this period the highest afternoon temperatures of the month were reported from most sections. The weather was mostly fair during this period except for scattered showers over the Arkansas and Kansas basins on the 13th and 14th. During the afternoon and evening of the 14th destructive hailstorms at Aguilar, Apache, Canon City and Trinidad caused over one third of a million dollars damage. Trinidad and Canon City were the hardest hit.

On the morning of the 9th skies were clear and radiational cooling over the Colorado and Rio Grande basins resulted in the lowest temperatures of the month in these areas. From the 15th through the 22d pressure was relatively low and this in combination with unstable moist Pacific and Tropical Gulf air resulted in scattered showers over most sections. On the 15th half a million dollar hail loss was reported in the Watkins and Stratton areas. On the 20th lightning killed a man at Meeker, on the 22d Pueblo suffered damage to the extent of \$165,000 from hail and wind.

Fair weather was again the rule from the 23d through the 24th under the influence of Tropical Continental air and the presence of relatively high pressure. From the 25th through the 28th a series of surges of moist Pacific air influenced the weather and scattered showers occurred over most sections, but were more numerous and more widespread over the Colorado and Platte basins on the 28th. On the 27th heavy rains caused a flash flood in the Holly area. A railroad bridge was washed out and rail traffic was held up for 11 hours. Several county roads and bridges were damaged in the same storm but highway 50 remained in good condition.

The weather was ideal for harvesting, but was too cool and dry for maximum plant growth, and resulted in moderate reduction in July 1st estimates for the production of barley, oats and sugar beets.

The harvesting of a large winter wheat crop was completed and the yield was considerably above early estimates. Potatoes and dry beans made good growth. The harvesting of early potatoes and garden truck was general with fair to good yields. Cutting of a fair second crop of alfalfa was started and the weather was ideal for haying. Picking of a good apricot and a large cherry crop was completed and some marketing of early apples was begun as the month closed.

Ranges and pastures were generally adequate but most sections needed more moisture as some ranges were starting to deteriorate. Livestock remained in good to excellent condition.

A shortage of irrigation water was reported in the southwest portion.

### TEMPERATURE

The monthly mean for the State, taken from the records of 122 stations, was 67.5°, which was 0.3° above the average for the past 61 years. The highest monthly mean was 79.2° at Eversoll Ranch; and the lowest, 53.7°, at Silverton. The highest temperature, 105°, occurred at Eversoll Ranch on the 14th and at Cheyenne Wells on the 20th. The lowest temperature, 23°, occurred at Pearl on the 9th.

### PRECIPITATION

The average for the State taken from the records of 197 stations, was 1.39 inches which was 0.74 inch below the average for the past 61 years. The greatest monthly amount, 4.61 inches, occurred at Stonington (near) and the least, a trace was reported at Eric. The greatest amount in 24 consecutive hours was 2.50 inches at Eads on the 16th.

### COMPARATIVE DATA FOR JULY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. 0.1 in. or more	Clear	Pt. c'd'y	Cloudy
1888.....	66.5	118	27	1.88					
1889.....	66.8	109	25	1.52					
1890.....	71.9	112	26	1.65					
1891.....	66.4	102	10	2.55					
1892.....	67.9	109	22	2.23					
1893.....	68.8	105	28	1.91					
1894.....	67.8	108	26	1.98					
1895.....	64.1	103	20	3.57					
1896.....	68.7	106	28	2.38	0	9	10	16	5
1897.....	65.3	109	21	2.05	0.1	9	16	11	4
1898.....	67.6	109	29	2.17	0	8	14	14	3
1899.....	66.7	105	29	2.97	0	11	10	15	6
1900.....	67.7	109	25	1.09	0	4	16	11	7
1901.....	71.5	108	27	1.07	0	5	17	12	2
1902.....	65.1	109	19	1.30	0.4	6	15	12	4
1903.....	67.5	111	23	1.62	0.1	8	16	12	3
1904.....	61.2	102	23	2.08	0	9	15	13	3
1905.....	61.2	103	24	2.04	0	9	15	13	3
1906.....	63.2	101	26	2.50	0	11	10	11	7
1907.....	66.2	106	20	2.10	0	8	17	11	3
1908.....	65.5	106	20	2.56	T	9	13	15	3
1909.....	68.1	106	22	2.27	0	9	16	11	4
1910.....	67.5	110	27	1.96	0	9	14	14	3
1911.....	64.2	105	26	3.27	0	13	9	14	8
1912.....	63.8	104	17	2.83	T	11	10	14	7
1913.....	65.8	109	24	2.23	T	9	16	10	5
1914.....	66.1	102	29	3.16	0	13	10	14	7
1915.....	64.2	103	22	1.65	0	9	15	10	6
1916.....	67.8	106	25	2.46	0	10	12	12	7
1917.....	67.7	107	26	1.67	0	8	15	13	3
1918.....	65.6	110	26	2.69	0	12	12	13	6
1919.....	68.0	106	30	2.99	0	11	13	12	6
1920.....	66.0	103	25	1.73	0	8	14	13	4
1921.....	66.9	105	17	2.68	T	10	13	12	6
1922.....	66.3	105	27	1.88	0	8	11	12	5
1923.....	67.5	106	21	3.18	0	11	13	12	6
1924.....	65.7	104	18	1.26	0	6	17	10	4
1925.....	67.7	110	29	2.86	T	11	13	13	5
1926.....	61.5	105	26	2.50	T	11	13	12	6
1927.....	65.8	102	24	2.74	0	10	14	12	5
1928.....	65.7	105	20	2.20	0	9	16	11	4
1929.....	68.0	104	21	3.07	0	11	12	13	6
1930.....	67.7	106	24	3.34	0	11	12	12	7
1931.....	69.7	109	21	1.42	0	6	18	10	3
1932.....	69.5	107	20	2.25	0	9	14	13	4
1933.....	70.0	114	24	1.82	0	8	15	12	4
1934.....	71.8	112	23	1.11	0	7	13	14	1
1935.....	70.0	106	25	1.52	0	8	14	13	4
1936.....	70.8	112	29	2.15	T	8	11	12	5
1937.....	69.7	109	29	1.83	T	9	14	13	4
1938.....	67.2	108	22	1.67	0	8	17	11	3
1939.....	69.7	112	18	0.90	0	5	16	11	4
1940.....	69.5	113	28	1.64	0	10	10	16	5
1941.....	65.6	101	22	2.31	0	9	13	15	3
1942.....	68.0	106	21	1.41	T	7	17	12	2
1943.....	68.7	107	23	1.41	T	7	17	12	2
1944.....	66.5	101	26	2.25	T	8	12	15	4
1945.....	67.2	106	21	2.18	0	9	13	14	4
1946.....	68.7	107	23	2.28	0	9	12	14	5
1947.....	67.9	110	20	1.75	T	8	14	14	4
1948.....	67.5	105	23	1.39	0	7	17	12	2
1949.....									
1950.....									
1951.....									
1952.....									
1953.....									
1954.....									
Period.....	67.2	118	10	2.13	T	9	14	13	4

Climatological Data for July 1948

Table with columns: Station, County, Elevation, Temperature (Mean, Departure from normal, Highest, Date, Lowest, Date), Precipitation (Total, Departure from normal, Greatest in 24 hours, Date), Number of days (Total snowfall, With precip. of 0.1 inch or more, Clear, Partly cloudy, Cloudy), Prevailing direction of wind, Observer.

Continued on next page







Daily Precipitation for July 1948-Continued

Table with columns for Station, Drainage-basin, Day of month (1-31), and Total. Rows include Rio Grande Basin stations like Alamosa, Blanca, Center, Conejos, Cumbres, Del Norte, Hermit, Jaroso, Manassa, Monte Vista, Saguache, San Luis Lakes, and Wag. Whl Gap.

Figures and letters following stations indicate distance and direction of station from City P. O., unless otherwise indicated. Except as otherwise indicated, amounts are for 24 hours ending late in afternoon. 1Midnight to midnight. 2Measured in the morning; for the preceding 24 hours. 3Data for 24 hours ending at 11:30 p. m. T, Trace or 0.005 inch or less. \*Included in next measurement. //Windshield on gage. ITALICS Data interpolated. PPartly interpolated. IPrecipitation measured with recording gage.

Daily Temperatures for July 1948

Table with columns for Station, Day of month (1-31), and Mean. Rows are grouped by drainage basin: Arkansas Drainage Basin (Canon City, Colorado Springs, Cripple Creek, Eads, Florence, Kit Carson, La Junta, Lake Moraine, Lamar, Las Animas, Leadville, Limon, Pueblo, Rocky Ford, Salida, Springfield, Trinidad, Walsenburg, Westcliffe, Wetmore) and Colorado Drainage Basin (Aspen, Cedaredge, Cochetopa Creek, Crested Butte, Delta, Dillon, Durango, Eagle, Fraser, Glenwood Springs, Grand Junction).

Continued on next page

Daily Temperatures for July 1948--(Continued)

Table with columns for Station, Day (1-31), and Mean. Rows include various locations such as Green Mountain Dam, Greystone, Gunnison, Hayden, Mesker, Mesa Verde Nat'l Park, Montrose, Northdale, Norwood, Ouray, Paonia, Redcliff, Silverton, State Turkey Farm, Steamboat Springs, Taylor Park, Vallecito Dam, Kanzas Drainage Basin, Akron, Cheyenne Wells, Holyoke, Stratton, Wray, Yuma, Platte Drainage Basin, Allenspark, Boulder, Cheesman, Denver, Estes Park, Fort Collins, Fort Morgan, Greeley, Grover, Idaho Springs, Julesburg, Kassler, Kauffman, Langmont, Parker, Sterling, Walden, Rio Grande Drainage Basin, Alamosa, Cumbres, Conejos, Hermit, Monte Vista, Saguache, and Wagon Wheel Gap.

Instruments are read in the morning; the maximum temperature then read... Figures and letters following stations indicate distance in miles from the City Post Office, unless otherwise indicated. Data interpolated. \* etc., number of days missing; for example, \* indicates two days missing.





U. S. DEPARTMENT OF COMMERCE

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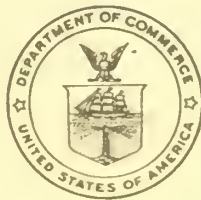
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# CLIMATOLOGICAL DATA

COLORADO

AUGUST 1948

Volume LIII No. 8



#### ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

E. B. Gittings, Section Director - Denver

## GENERAL SUMMARY

Cloudy, cool and showery weather prevailed during the first half of August, but during the last part of the month, temperatures were considerably above normal. The average temperature for the State, taken from the records of 125 stations, was 66.1°, or 0.4° above the 61-year average. The highest monthly mean, 76.8°, was recorded at Lamar, while the lowest was 49.9° at Summitville. During two periods of the month, high pressure and subsiding air, combined to produce maximum temperatures at most stations. The first of these periods was the 16-17th, and the second was from the 27th through the 30th. Temperatures of 100° or above were recorded at 17 stations during the month, with the maximum for the State, 105°, occurring at Holyoke on the 28th. Low temperatures for the month resulted first from the upslope flow of cold air from the northern plains over the Kansas and Arkansas Valleys on the 4th. Second, from outbreaks of cool moist air from the north and northwest on the 20-21st, and again on the 25-26th. These periods accounted for the minimum temperatures for most of the stations in the region. Temperatures of 32° or lower occurred at 24 of the higher elevation stations, with a minimum reading of 21° at Pearl on the 21st. The lowest August temperature ever recorded was 15° which has occurred twice during the period of record, the first time in 1888 and the last time in 1910.

Showers, though frequent especially during the first half of the month, were generally light and the State average precipitation of 1.55 inches, taken from the records of 125 stations, was .40 inch below the 61-year mean, with only 16 years during that time showing less moisture. The greatest monthly amount was 5.85 inches at Springfield (near), while the least recorded was .15 inch at Greeley. The greatest 24-hour amount was 4.38 inches on the 6th at Springfield (near). Light snow on the higher passes was reported during the latter part of the month.

In the eastern sections, scattered light hailstorms occurred each week during the month. Heavy hail fell in the Brewster-Florence-Penrose area, causing an estimated \$400,000 loss to the fruit crop, truck gardens, and buildings. A hailstorm south of Sedgwick on the 18th resulted in a \$15,000 crop loss. The principal crops damaged were corn, cane, millet, and sorghum.

Weather conditions were adverse to the best agricultural interests. The first part of the month was too cool for proper plant growth, while the last half was too warm and dry. This caused rapidly maturing of crops which glutted the market, lowering prices to such an extent that some crops would not pay the harvest costs. Tons of unharvested fruit and garden truck were thus left to rot on the trees or ground.

Cattle were maintained in good to excellent condition throughout the month, but ranges deteriorated rapidly during the last part of the period, causing an unusually heavy shipment of grass-fed cattle to market.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

COLORADO  
AUGUST 1948

STATIONS	SEA LEVEL PRESSURE EXTREMES - INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN- SHINE	DEGREE DAYS 65° BASE
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	PERCENT OF POSSIBLE	
DENVER	30.18	3	29.73	25	7.3	28	SE	21	52	61	27	27	69	2
GRAND JUNCTION	30.17	29	29.74	1	8.9	27	NE	25	49	59	37	28	73	0
PUEBLO	30.24	4	29.71	25	6.6	32	NW	14	67	78	39	40	78	0

TABLE 1  
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION			YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE		MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1888	60.4	100	15	1.67			1921	64.5	100	19	3.22	0	11
1889	66.0	106	25	1.28			1922	67.0	104	25	2.13	0	11
1890	66.9	104	24	1.92			1923	63.3	99	21	3.34	0	13
1891	66.3	104	25	1.59			1924	65.4	107	23	0.71	0	4
1892	65.3	108	21	1.25			1925	63.5	104	25	2.65	0	11
1893	65.1	102	25	1.89			1926	65.8	106	24	1.41	0	7
1894	67.0	105	24	1.51			1927	61.5	97	25	2.75	0	13
1895	66.1	104	20	1.85			1928	63.8	104	20	1.31	T	6
1896	66.6	107	26	1.68	0	6	1929	66.4	106	28	3.17	0	10
1897	65.0	102	21	2.36	0	8	1930	65.8	104	26	3.14	0	11
1898	67.2	107	29	1.42	0	6	1931	66.6	107	17	1.37	0	6
1899	66.4	106	20	1.57	0	7	1932	67.3	105	17	2.02	T	8
1900	67.2	109	20	0.68	0	4	1933	65.8	105	20	2.23	0	9
1901	68.2	105	30	2.25	0	11	1934	69.4	108	24	1.59	0	9
1902	67.1	111	23	1.85	0	7	1935	68.2	107	25	1.77	0	9
1903	66.6	105	27	1.43	0	7	1936	68.0	109	23	2.65	0	10
1904	63.8	103	21	2.35	0	12	1937	70.0	110	22	1.43	0	7
1905	66.0	108	26	1.35	0	7	1938	68.5	112	21	1.77	0	8
1906	63.9	106	25	1.79	0	8	1939	66.5	103	18	1.08	T	6
1907	64.5	106	26	2.13	0	10	1940	66.2	105	20	1.43	0	8
1908	64.1	106	19	2.64	0	11	1941	66.1	104	22	2.12	0	9
1909	67.3	104	31	3.10	0	13	1942	66.2	102	22	1.59	0	6
1910	64.5	108	15	1.75	T	9	1943	68.0	106	26	2.51	0	11
1911	64.2	107	20	1.89	T	9	1944	66.7	106	20	0.83	T	5
1912	63.6	103	23	1.83	0	8	1945	67.0	104	24	3.23	0	11
1913	67.1	106	26	1.55	0	8	1946	65.5	105	21	2.52	0	10
1914	65.0	108	25	2.00	0	10	1947	66.9	108	24	2.38	0	12
1915	62.0	99	25	2.30	0	9	1948	66.1	105	21	1.56	T	8
1916	63.4	105	27	3.06	0	13							
1917	62.9	104	24	1.73	0	9							
1918	64.6	106	25	1.65	0	8							
1919	66.4	107	25	1.39	0	6							
1920	62.0	98	17	2.33	T	9	PERIOD	65.7	112	15	1.95	T	9



# CLIMATOLOGICAL DATA

COLORADO  
AUGUST 1948

Table 2—Continued

Station	Temperature							Precipitation										
	Average	Departure from Normal	Highest	Date	Lowest	Date	No. of Days		Total	Departure from Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
							Max. 90° or above	Min. 32° or below					Total	Max. Depth on Ground	Date	.01 or more	.25 or more	1.00 or more
KANSAS DRAINAGE BASIN																		
AKRON AP CAA	72.4	0.9	98	31	50	26	15		2.90	- 1.05	1.30	13	0			8	3	1
ARRIBA	71.5	0.9	99	19	48	26	13		1.16	- 1.10	.34	25	0		9	8	1	
BURLINGTON	73.5M	0.2	98	17 +	53	4 +	14		2.67	- .13	.75	9	0		5	5	4	
CHEYENNE WELLS	74.5	0.8	100	19	53	2 +	20		2.15	- .37	.91	25	0		5	5	2	
HOLYOKE	74.7	2.2	105	28	51	4 +	19		1.47	- .81	.88	3	0		6			
STRATTON	74.8	0.4	103	31	53	4	17		2.48	- .03	.53	8 +	0		8	6		
WRAY	74.6	1.1	102	31	51	27	18		1.23	- 1.12	.35	14	0		6	2		
YUMA	74.2		102	28	49	27	22		1.05	- 1.28	.32	8	0		9	1		
PLATTE DRAINAGE BASIN																		
ALLENS PARK	61.2		84	31	36	14			.55		.15	23	0		5			
BAILEY	61.9	1.4	89	16 +	33	27			1.39	- 1.25	.50	3	0		9		3	
BOULDER	75.0	4.4	97	17	55	21	18		.32	- 1.27	.12	4	0		9			
BYER	73.2	2.2	99	28 +	50	2 +	20		1.13	- .18	.53	13	0		7	1		
CHEESMAN	65.5	0.2	92	30	40	27	4		.67	- 1.77	.20	26	0		9			
DENVER AP WBAS 6 ENE	72.8		94	17 +	52	27	14		.41	- .81	.13	21	0		8			
DENVER WBO	74.0		94	31	55	14	10		.19		.06	21	0		5			
EDGEWATER	73.7	3.3	100	17 +	48	27	21		.68	- 1.16	.23	2	0		15			
ESTES PARK 1 N	63.0	2.9	90	17 +	31	14	2	1	.79	- 1.34	.36	2	0		4	2		
FORT COLLINS	68.7	0.7	94	16 +	42	27	10		.75	- .60	.50	5	0		6	1		
FORT MORGAN 1 N	70.9	- 0.1	96	28	46	27	14		1.97	.39	1.23	6	0		9	2		1
GEORGETOWN	61.0		82	30	40	26			.75		.36	26	0		9	1		
GREELEY	71.4	0.7	100	22	42	27	21		.15	- .95	.08	14	0		3			
GROVER 10 W	69.0	0.3	96	29	43	26	15		1.66	.04	1.15	13	0		4	1		1
IDAHO SPRINGS	61.0	- 0.5	85	17 +	36	15 +			.90	- 1.23	.25	13	0		10	1		
JULESBURG	75.2	2.4	103	19 +	49	28	21		1.36	- .85	.50	8	0		5	2		
KASSLER	73.9	2.2	95	31	50	14 +	14		.73	- 1.14	.27	4	0		9	1		
KAUFFMAN 4 SSE	69.2	- 0.7	98	19 +	40	11 +	14		1.79	- .37	.92	5	0		4	4		
LONGMONT 2 SSE	69.3	0.1	96	19	46	11	15		.58	- .56	.32	22	0		5	1		
PARKER 9 E	70.0	1.6	95	17 +	46	27	11		1.64	- .15	.62	26	0		5	3		
PEARL	52.6	- 1.1	82	30 +	21	21	22		.91	- .63	.29	25	0		16	1		
SEDGWICK	73.1	0.0	104	28	48	4	21		1.55	- .71	1.01	9	0		7	2		1
SPICER 4 NE	58.1	1.1	85	29	28	21	3		.61	- .65	.40	1	0		4	1		
STERLING	72.2	1.1	100	28	49	27	13		3.23	1.40	1.11	8	0		8	5		1
WALDEN	57.0	- 1.3	87	30	29	21	4		.49	- .63	.19	25	0		5			
WATERDALE	70.0	1.8	98	19	43	27	18		.43	- 1.08	.15	23	0		4			
WINDSOR	70.8		98	17 +	42	27	18		.26		.10	9	0		5			
RIO GRANDE DRAINAGE BASIN																		
ALAMOSA	62.1	- 0.6	88	17 +	32	26	1		.81	- .11	.24	19	0		8			
ALAMOSA AP WBAS	62.6	- 0.1	87	17	33	26			.58	- .34	.23	19	0		4			
CENTER	63.3		84	3 +	33	14			.61		.35	19	0		4	1		
CONEJOS 3 NNW	62.5		88	15	38	26			.41		.15	8	0		4			
CUMBRES	53.6		75	17	31	26	1		3.74	.87	1.21	5	0		7	4		1
DEL NORTE	61.7	0.1	85	17	41	12 +			.32	- 1.29	.25	20	0		3	1		
HERMIT	54.4	0.6	82	31	29	26	13		1.55	- .94	.30	5	1.0		7	3		
JAROSO	64.0		90	29	35	26	1		1.44	- .34	.37	5	0		8	2		
MONTE VISTA	62.0	- 1.0	86	17 +	35	26			.62	- .40	.16	14 +	0		9			
SAGUACHE	61.8	- 0.9	86	30	41	10 +			1.11	- .49	.19	25	0		10			
SAN LUIS LAKES 3 W	61.9		85	18 +	36	26			.29		.09	25	0		8			
SUMMITVILLE 1 S	49.9M																	
WAGON WHEEL GAP 3 N	56.0	0.0	82	31	30	26 +	5		1.36	- .74	.35	7 +	0		8	2		
STATE	66.1	- 0.4							1.56	- .39								

See reference notes following Station Index.







# TABLE 3 - Continued DAILY PRECIPITATION

D.M.A. #  
AUGUST 1948

STATION	DAY OF MONTH																															TOTAL		
	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			
SHOKSTONE		.01		.10	.20	.03		.03	.05	.13									.10			.08	.45	40	.46									2.88
SILVER LAKE				.25				.25														.34												1.16
SILVERTON 2 NE //Z		.01	T	.49	.28	.11	.13	.14		.06	.11		.10									.18	.21	10	.16									2.26
SIMLA	R	.13	*	.11									.05	.18					.07	.11	.01													.63
SPICKER 4 NE	R	.40		T	.03	.08		.10		T	T	T	T						.02	.05		T	T	T	T	.05	.04							.61
SPRINGFIELD		.29				1.59	.83	.11					.11	.08												1.01								3.52
SPRINGFIELD 8 8	Z		.03	T		4.38	.31	.30				.02	.88	.01													.14							.85
STATE TURKEY EXP FARM				.33	.42	.04		.04															.24	.18										1.44
STEAMBOAT SPRINGS		.13				.07				.10	.03	.06	T	.10								T												.86
STERLING		.77	.28		.14			1.11	.10					.43									.11	.02	T	.12	T							3.23
STONINGTON		.88				1.76	.34	.17					.28																					3.17
STRATTON		.82	.25				.13	.53	.40	.02				.53													.31							2.48
SUGARLOAF RESERVOIR		.03																																.88
SUMMITVILLE 1 S	Z	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.14	.06	T	.07	.04	.08	.10	.02							.88	
SUNSEAM 7 SW						.45														.16	T						.01							.58
TAYLOR PARK		.33		.15	.25			.20		.10												.15	.20	.15	T	.10	.15							1.95
TELLURIDE	//Z		.11	.12	.30	.11	.03	.10	.08				.05	.01								.19	T	.05	.26	.10	.28							.77
TENNESSEE PASS					.27					.08	T												.11	T	.09	.18	T							1.01
TERCIO 3 W	//R																					.21	.28											
TRINIDAD		.44	.02	.02		.02	.20							.33	.30							.21												1.51
TRINIDAD AP CAA	//Z	.17	.30	.08	.05	.11	.84						.15	.12	.14																			2.59
TROUT LAKE	T		.05	.10	.40	.20			.05	.02			.15	.10																				2.61
TROY 7 SE		.18		.22			.37						.80																					1.48
TWO BUTTES		.43			3.24	.03	.23					.03	.02	.03																				4.09
UTLETVILLE					.70		.72						.70															.01						2.12
VALLECITO DAM		.01		.37	.94	.07		.21		.44	.07	.11		.06	.05							.03	.03			.05	.32							2.21
VONA	T	.80					.35	.05	.01	.04		.14	T	1.09																				2.81
WAGON WHEEL GAP 3 N	Z				.14	.06		.16	.01	.04			T	.09																				1.38
WALDEN			T																															.49
WALDENBURG	Z			1.37	.73					.14																								2.30
WATERDALE				.10					.09																									.43
WESTCLIFFE	T			.19	.50						T																							1.05
WESTCREK	R	.01	.04	.40	.23						.02			.02												.28	.02	.09						.97
WETMORE		.21	.02	.87	.14																													.98
WHITE ROCK	//R		.10	.04			.33							.51	.03							.05	.12										1.30	
WILCOX RANCH 4 SE	//R			.40	.30																													1.56
WILLOW CREEK 4 SE																																		.87
WINDSOR				.02		.05			.10	.02																								.26
WINTER PARK		.03			.12	.22	.02							.06																				1.91
WOLF CREEK PASS 4 W		.19	T	.39	1.55	.05	.08				.09	.16	T	.06																				3.57
WOODLAND PARK	R		.14	.32	.33	.02	.02		.01				.02	.01																				1.09
FRAY		.03	.03		.11			.61					T	.35																				1.23
YAMPA		.03		.17	.22	.11	.03	.15					.07																					1.65
YUMA		.03	.03		.21		.32							.05		.08																		1.05





# TABLE 4 — Continued

## HOURLY PRECIPITATION

COLORADO  
AUGUST 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL																																									
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12																																										
GREENLAND NO 26 7 NE													.03												.04																																									
GUNNISON	.02																								.02																																									
HOYT //																									.27	.02	.29																																							
JOES																											.45																																							
KIM 16 N //																									.04	.02	.06																																							
KREMMLING													.07 .14 .13 .10 .04												.03	.06	.57																																							
KUTCH //													.02														.02																																							
LAKE GEORGE	.05																										.09																																							
LONGMONT 6 NW	* * *																									.01	.01	.08																																						
MANITOU SPRINGS	.02 .02																										.05																																							
MEEKER	.01																										.79																																							
MESA VERDE NATL PARK	.01																								.32	.31	.05	.02	.02	.04	.01	.66																																		
MIDWAY																									.03	.07	.05	.03	.03	.03	.09	.24																																		
MONTE VISTA	.01																														.03																																			
MONUMENT 2 W	.01																								.01	.47	.01	.03	.01	.06	.60																																			
MOUNT MORRISON																																					.17		.17																											
NEW RAYMER																																							*	*	*	*																								
NUNN																																					.17	.04	.21																											
OURAY	.01																								.01		.01	.17	.04	.37																																				
PAOLIA																																							.12	*	*	*	.05																							
PARKER 9 E																																											.30																							
PUEBLO AP WBAS 3 SW																																					.24	.20	.10	.24																										
RABBIT EARS PASS	.10												.03																								.01		.14																											
REDCLIFF													.02																										.02																											
SAGUACHE																																					.01	.01	.01	.10	.13																									
SAN LUIS	* * * *												* * *												* * *												* * *	* * *	* * *	* * *	*																									
SHAW																																						.02	.02	.02	.02																									
SILVERTON 2 NE	.02												.01																								.10	.01	.03	.01	.02	.24																								
SPRINGFIELD 8 S																																											3.15	1.23	.06	4.38																				
TELLURIDE	.01																								.03												.07	.02	.01	.02	.01	.02	.23																							
TRINIDAD AP CAA HOEHNE													.01												.02																													.03												
WAGON WHEEL GAP 3 N																																						.02	.01	.01			.01	.05																						
WALSENBURG	.01												.01												.01																													.05												
WESTCREEK																									.01																								.19	.04	.01	.01	.09	.02	.25											
WILCOX RANCH 4 SE	.03												.01																								.03	.02	.07	.07	.01	.01	.01	.30																						
WOODLAND PARK													.01												.01																									.24	.07				.33											
6th																																																																		
AKRON //	* * *												* * *												* * *												* * *												.32		.32															
ARAPAHOE	* * *												* * *												* * *												* * *												* * *	* * *	.15	.15														
ARTESIA	* * *												* * *												* * *												* * *												* * *	* * *	.03	.03														
ATKINSON RANCH	* * *												* * *												* * *												* * *												* * *	* * *	* * *	* * *	* * *	.95												
CHERAW	* * *												* * *												* * *												* * *												* * *	* * *	* * *	* * *	* * *	.15												
COALDALE //																																																							.02											
CRAIG //	.01																																																						.02											
CRESTED BUTTE //																																																							.02											
DURANGO																																																							.01											
EADS																																																							.01											
GRANADA																																																							.01											
GRAND LAKE 4 SSW																																																							.01											
GREAT DIVIDE																																																							.02											
GREENLAND NO 25 8 SE	.02												.01																																										.03											
KUTCH //																																																							.09	.01	.10									
LAKE GEORGE	.01																																																						.01											
NEW RAYMER	* * *												.95																																										.01											
RIFLE	* * *												* * *												* * *												* * *												* * *	* * *	.18	.18														
SAN LUIS	* * *												* * *												* * *												* * *												* * *	* * *	.23	.23														
SILVERTON 2 NE	.01												.01																																										.04											
TELLURIDE	.01												.01																																										.04											
TRINIDAD AP CAA HOEHNE																																																							.10											
WAGON WHEEL GAP 3 N																																																							.04											
WOODLAND PARK																																																							.01											
7th																																																																		
ARTESIA																																																							.02											
BURLINGTON NO 58 8 SE																																																							.02											
CHERAW																																																							.20											
CRAIG																																																							.30											
CRIPPLE CREEK 9 NW //																																																	.01						.80											
FORDER //																																																							.40											
FROZE CREEK																																																							.08											
GRANADA																																																							.01											
GRAND JUNCTION AP WBAS													.01																																										.01											
GRAND LAKE 4 SSW																																																							.01											
GREAT DIVIDE																																																							.01											
GUNNISON																																																							.13											
KIM 16 N //	.01												.19												.03																														.02											
MANITOU SPRINGS																																																							.02											
MEEKER																																																							.02											
MONTE VISTA																																																							.01											
MONUMENT 2 W																																																							.05											
MULE SHOE LODGE																																																							.01											
OURAY																																																							* * *											
RABBIT EARS PASS																																																							.23											
SHAW																																																							.04											
SILVERTON 2 NE																																																							.02											
SPRINGFIELD 8 S	.16												.05												.05												.03												.02																	.11
TELLURIDE																																																							.29											
TRINIDAD AP CAA HOEHNE	.22												.42												.01												.02												.01																	.08
																																																							.03	.01	.78									

See reference notes following Station Index





















# TABLE 5 — Continued

## DAILY TEMPERATURE (°FAHRENHEIT)

COLORADO  
AUGUST 1948

STATION	DAY OF MONTH																															MEAN	
	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		
STEAMBOAT SPRINGS	MAX MIN	84 36	81 36	87 37	74 44	77 52	78 48	78 37	74 40	79 40	77 38	84 36	83 31	78 35	77 33	85 32	86 34	88 37	80 39	87 48	83 34	84 28	71 35	83 40	79 39	60 46	98 42	84 32	88 34	90 35	92 35	89 35	81.9 37.6
STERLING	MAX MIN	89 56	85 59	72 58	72 55	78 57	85 58	91 58	89 56	91 55	88 56	86 54	80 55	85 58	85 53	93 54	88 57	96 61	96 57	82 59	89 54	97 61	99 59	93 58	89 61	80 50	94 49	100 53	97 53	95 51	92 55	88.5 55.8	
STRATTON	MAX MIN	91 55	89 60	78 55	75 53	80 57	88 55	94 61	94 58	86 57	89 60	89 59	81 59	85 55	86 55	92 59	97 62	97 62	100 62	88 57	93 62	98 60	98 60	98 62	86 58	83 56	95 59	99 60	100 56	98 56	103 62	91.1 58.4	
SUGARLOAF RESERVOIR	MAX MIN	72 34	69 33	72 34	58 42	63 44	63 42	65 33	66 38	65 34	67 35	66 36	68 34	69 35	72 35	74 34	74 36	74 38	69 37	70 38	69 34	68 35	69 34	64 34	67 36	64 32	67 32	70 33	71 34	68 35	67 36	67.9 35.4	
SUMMITVILLE 1 5	MAX MIN																	68	64	63	65	65	61	63		61	60	66	65	68	66	64.5 35.3	
SUNBEAM 7 5W	MAX MIN	91 43	86 44	89 48	84 58	74 51	79 53	83 52	86 48	83 47	84 47	85 48	87 47	86 43	89 40	91 36	91 40	93 48	90 50	85 41	87 34	81 55	83 47	80 44	70 50	80 33	88 37	90 36	91 36	93 36	94 43	85.8 44.0	
TAYLOR PARK	MAX MIN	74 55	70 49	70 47	58 46	63 47	67 40	61 37	62 40	63 38	66 39	71 40	72 37	71 43	72 35	73 38	72 35	69 41	67 44	69 41	73 40	68 43	71 41	68 40	74 41	67 35	69 34	76 37	73 37	73 37	76 36	69.5 40.0	
TELLURIDE	MAX MIN	80 36	76 40	76 38	61 50	68 50	73 43	72 38	71 39	70 40	73 43	73 36	75 41	74 44	78 35	80 36	79 38	82 31	78 44	75 41	78 41	74 44	72 47	68 39	73 31	68 31	83 31	81 66	82 38	84 40	80 36	75.6 40.2	
TRINIDAD	MAX MIN	84 58	85 55	80 51	79 56	86 61	86 58	83 56	87 56	88 58	84 55	83 57	83 55	81 52	84 57	86 59	90 57	87 59	90 59	85 59	87 56	87 62	90 61	86 55	81 57	81 47	89 52	89 53	89 52	89 51	93 58	85.8 55.2	
TRINIDAD AP CAA HOEHNE	MAX MIN	88 56	91 59	81 51	80 57	86 61	86 57	82 57	85 55	89 56	90 52	85 57	86 56	81 52	82 52	89 53	82 63	89 63	92 60	89 57	89 54	92 62	89 61	90 56	90 54	82 47	89 49	90 57	91 51	94 58	87.3 55.9		
TWO BUTTES	MAX MIN	85 58	95 59	78 58	73 50	83 58	83 56	83 58	89 52	88 58	89 62	90 60	80 62	81 57	83 59	90 62	95 61	91 62	98 62	90 57	95 54	96 57	98 60	97 61		84	91	95	95	98	88.9 58.6		
VALLECITO DAM	MAX MIN	85 46	84 50	84 47	69 53	67 53	77 48	71 46	78 47	77 43	79 43	80 47	80 48	78 51	82 45	83 44	85 45	85 47	81 50	83 52	84 46	80 45	80 45	74 45	78 38	85 40	88 44	87 45	82 45	88 45	80.6 46.2		
WAGON WHEEL GAP 3 N	MAX MIN	80 37	78 37	79 38	77 35	64 38	67 40	75 45	66 42	71 33	73 32	76 33	75 39	74 42	77 35	80 38	79 35	81 40	73 38	72 35	80 40	79 39	78 37	76 40	74 30	67 30	73 30	79 34	81 33	82 31	75.5 36.4		
WALDEN	MAX MIN	80 36	79 37	75 37	73 39	70 48	71 47	76 36	69 41	73 42	74 37	76 35	78 32	76 36	81 31	81 34	82 37	77 38	78 45	76 35	78 29	76 46	76 43	72 37	63 42	68 36	77 34	83 35	85 36	87 35	83 37	76.4 37.5	
WALSENBURG	MAX MIN	82 56	84 53	75 51	73 56	75 56	80 62	80 54	80 56	83 55	83 59	80 55	80 55	77 55	77 53	83 57	86 51	85 57	84 60	80 65	82 53	82 63	83 64	75 57	75 60	80 46	84 55	81 52	85 52	85 52	80.5 55.6		
WATERDALE	MAX MIN	83 56	85 48	78 54	73 55	85 57	83 58	91 47	83 48	89 49	90 48	92 46	90 48	89 49	96 48	96 52	95 53	94 50	98 58	85 53	92 46	94 61	93 55	92 53	80 52	80 46	93 48	96 48	97 48	95 47	89.2 50.8		
WESTCLIFFE	MAX MIN	78 43	86 38	80 37	78 51	72 55	80 48		80 46	79 42	80 39	83 42	81 43	78 43		84 41	84 44	87 39	83 43	85 43	85 43		86 45	84 50	80 43	73 47	74 31	83 32	87 37	86 35	87 35	81.8 41.7	
WETMORE	MAX MIN	88 51	93 47	80 48	74 54	83 55	87 52	85 51	86 51	87 45	88 48	82 50	84 51	86 48	86 46	93 42	90 52	96 62	88 58	90 52	88 56	90 61	88 54	80 55	82 42	90 47	92 53	90 53	93 54	95 65	87.7 51.9		
WINDSOR	MAX MIN	92 52	87 51	86 56	80 58	74 56	84 57	88 48	91 54	85 55	88 48	90 47	92 50	89 56	90 56	98 56	95 56	94 52	97 56	87 50	94 50	93 55	94 58	83 46	84 42	97 46	98 46	98 47	90 49	90.0 51.6			
WOLF CREEK PASS 4 W	MAX MIN	76 45	68 45	74 44	62 49	60 47	63 41	64 41	67 43	69 41	70 40	71 43	68 45	71 44	73 43	72 44	73 43	76 45	75 47	72 41	73 43	73 41	75 43	68 43	61 44	69 37	74 40	78 39	79 45	76 44	71.1 42.9		
WRAY	MAX MIN	88 58	86 59	78 58	73 55	73 59	84 56	91 58	88 57	89 58	90 57	93 58	87 62	82 63	87 57	84 58	93 56	94 68	99 55	99 61	86 52	90 66	97 60	97 60	97 56	96 56	94 51	100 58	98 55	97 55	102 55	90.4 58.7	
YUMA	MAX MIN	90 57	89 54	85 54	79 52	82 58	87 56	91 57	89 56	91 54	92 55	92 61	90 55	89 60	87 51	95 53	101 61	99 56	100 61	93 61	92 54	98 59	99 56	99 56	93 57	87 51	96 49	102 55	97 56	101 55	92.8 55.5		

See reference notes following Station Index

# TABLE 6

## DAILY EVAPORATION (INCHES) AND WIND MOVEMENT (MILES)

COLORADO  
AUGUST 1948

STATION	DAY OF MONTH																															TOTAL	DEPART FR NORMAL
	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		
CONEJOS 3 NW	EVAP	.319	.230	.220	.120	.309	.022	.187	.084	.116	.329	.422	.209	.180	.231	.309	.267	.200	.141	.211	.381	.337	.323	.297	.311	.332	.188	.092	.088	.132	.301	.209	7.067
	WIND	8	108	12	25	99	100	34	33	58	58	64	63	17	29	89	9	5	88	42	19	3	40	172	67	62	57	31	40	29	30	45	1556
FORT COLLINS	EVAP	.270	.210	.184	.214	.124	.095	.214	.225	.166	.228	.244	.234	.258	.125	.177	.235	.228	.247	.225	.250	.296	.213	.287	.304	.203	.271	.154	.228	.236	.234	.260	6.839
	WIND	31	39	36	40	32	25	35	30	32	40	36	28	34	28	22	21	19	24	33	41	43	26	41	48	39	53	14	24	20	28	17	970
GRAND JUNCTION AP WBAS	EVAP	.358	.388	.485		.474	.450	.219	.675	.248	.376	.445	.431	.435	.376	.417	.410	.455		.846	.489	.543	.348	.273	.269	.287		.834	.416	.444	.445	.468	12.73
	WIND	46	116	96		185	103	44	107	89	61	77	65	121	97	83	65	65		176	69	74	82	133	137	105		131	67	77	76	88	2635
GREEN MOUNTAIN DAM 4 SSW	EVAP	.186	.127	.210	.097	.083	.367	.198	.134	.230	.369	.171	.247	.174	.220	.270	.156	.214	.213	.206	.197	.210	.235	.100	.088	.249	.250	.172	.202	.265	.411	6.252	
	WIND	51	46	46	41	39	40	33	59	38	70	52	48	54	42	51	31	35	43	50	50	30	70	36	48	52	60	35	44	39	85	1438	
JOHN MARTIN DAM	EVAP	.430	.347	.372	.278	.359	.181	.232	.200	.312	.354	.479	.169	.237	.368	.309	.315	.389	.535	.336	.488	.494	.626	.496	.490	.377	.174	.215	.404	.361	.376	.394	11.117
	WIND	109	71	125	141	139	51	53	110	75	101	89	104	19	52	70	42	80	84	118	58	67	135	89	121	67	4	71	66	110	40	38	2517
MONTROSE	EVAP	.232	.335	.281	.069	.054	.179	.244	.209	.147	.259	.264	.286	.203	.274	.240	.268	.269	.249	.194	.235	.267	.189	.256	.120	.186	.199	.210	.221	.284	.236	3.904	
	WIND	20	28	28	14	13	14	19	30	17	22	21	16	15	25	14	16	14	22	21	16	22	16	18	8	12	14	16	12	3	2	3	512
PUEBLO AP WBAS 3 SW	EVAP	.70	.90	.70	.110	.100	.50	.90	.65	.65	.50	.60	.80	.100	.100	.110	.50	.70	.70	.100	.70	.150	.130	.20	.130	.100	.120	.60	.60	.70	.50	.80	2540
	WIND	70	90	70	110	100	50	90	65	65	50	60	80	100	100	110	50	70	70	100	70	150	130	20	130	100	120	60	60	70	50	80	2540
SAN LUIS LAKES 3 W	EVAP	.370	.300	.216	.260	.154	.180	.298	.278	.254	.286	.314	.178	.232	.266	.328	.339	.201	.370	.280	.215	.253	.247	.377	.258	.236	.256	.240	.224	.282	.408	.296	8.396
	WIND	70	100	35	65	110	55	70	60	60	50	55	70	25	85	40	45	40	70	74	55	61	60	80	30	80	80	35	35	45	45	50	1855
SUGARLOAF RESERVOIR	EVAP	.409	.092	.129	.050	.117	.101	.172	.087	.151	.259	.189	.191	.110	.130	.127	.182	.131	.089	.109	.201	.137	.123	.128	.010	.131	.160	.151	.130	.136	.152	.141	4.427
	WIND	12	16	17	8	17	12	9	16	19	15	16	13	14	6	11	13	16	12	15	9	15	14	7	4	44	20	21	15	10	28	18	462
VALLECITO OAM	EVAP	.215	.204	.270	.077		.106	.218	.115	.331	.246	.208	.180	.162	.220	.228	.268	.264	.242	.147	.212	.235	.222	.165	.158	.181	.240	.252	.268	.233	.269	.166	6.878
	WIND	18	16	28	10	2	11	12	15	13	12	11	11	10	12	9	12	10	11	9	10	10	13	20	6	13	16	15	14	11	16	13	391
WAGON WHEEL GAP 3 N	EVAP	.178	.226	.204	.083	.046	.098	.220	.096	.168	.252	.244	.190	.200	.160	.232	.288	.214	.264	.080	.160	.278	.190	.168	.164	.184	.170	.184	.258	.230	.216	.188	8.843
	WIND	27	30	34	19	13	17	34	20	36	43	44	29	35	27	28	25	20	22	25	17	41	38	56	37	51	35	22	27	27	28	32	939

# TABLE 7

## DAILY RIVER STAGES (FEET)

RIVER AND STATION	FLOOD STAGE	DAY OF MONTH																															HIGHEST FOR MONTH	DATE	LOWEST DATE		
		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					
COLORADO FRUITA 1 S		14	4.1	3.9	3.6	3.6	3.6	3.6	3.5	4.1	4.2	3.8	3.6	3.8	3.8	3.5	3.5	3.5	3.5	2.9	2.9	2.8	3.0	3.0	3.1	3.1	3.1	3.1	3.4	3.3	3.1	3.1	3.1	4.0	9	8	0

The following reference notes apply only to Table 7 - Daily River Stages

Readings are made at approximately 7 a.m. (Local time). They are provisional and subject to correction. Final and corrected stages will be published in the annual publication "Daily River Stages - Principal Rivers of the United States"

- a Obstructed by rough ice.
- b Frozen but open at gage.
- c Upper surface of smooth ice.
- d Ice gorge above gage.
- e Ice gorge below gage.
- f Shore ice.
- g Floating ice.
- h Pool stage.
- i Dry at gage.
- j Interpolated.









# STATION INDEX - Continued

COLORADO  
AUGUST 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT.		LONG.		ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
				O	/	O	/		ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
WRAY	9243	YUMA	KANSAS	40	04	102	13	3512	M	6P	6P	50	51	J. M. F. WHISSEN	2 3 5	
YAMPA	9265	ROUTT	COLORADO	40	09	106	54	7890	M		5P		2	CHARLES R. SIMMON	3	
YUMA	9295	YUMA	KANSAS	40	08	102	44	4128	M	6P	6P	9	59	MUNIC. POWER&LIGHT CO.	2 3 5	

### REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a State basis. There will be no duplication of numbers within a state.

Stations appearing in the index, but for which data are not listed in the tables, are either missing or received too late for inclusion in this issue.

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

When hourly precipitation is missing for several days, only the first and last days are shown in Table 4.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

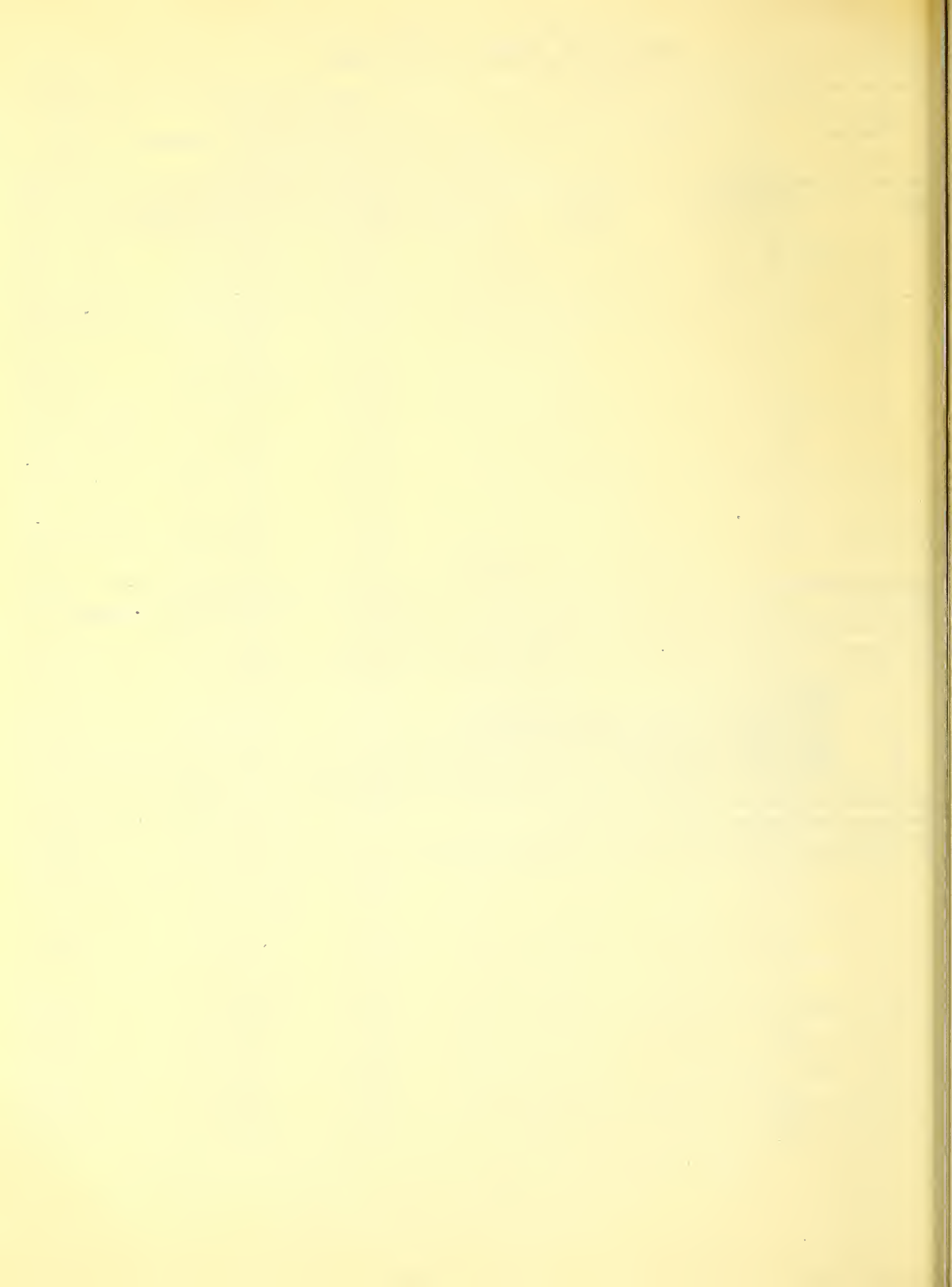
- No record.
- + And also on later dates.
- \* Amount included in following measurement, time distribution unknown.
- // Gage is equipped with wind shield.
- 6 Precipitation measured at 6-hourly intervals, on recording gage.
- M One or more days of record missing. See Table 5 for detailed daily record.
- R Station equipped with recording gage only. All amounts in Table 3 are for the non-recording gages, except for stations with this reference.
- T Trace, an amount too small to measure.
- Z Hourly amounts from recording gage at the same site may be found in Table 4.
- SS This entry in time of observation column in Station Index means observation made near sunset.

Table 4 data were formerly published in Missouri River, Upper Mississippi, Lower Mississippi West Gulf, and South Pacific Hydrologic Bulletins. Amounts in this table are from recording pages. Traces are not shown.

Annual snowfall table is published each year in the June bulletin.

Subscription Price: 15¢ per copy; \$1.50 a year. (Yearly subscription includes Annual Summary). Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, 811 Fidelity Building, Kansas City, Missouri.

W. B. O., Washington, D. C. - - - 11-9-48 - - - 1500 - - -



U. S. DEPARTMENT OF COMMERCE

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# CLIMATOLOGICAL DATA

COLORADO

SEPTEMBER 1948

Volume LIII No. 9



E. B. Gittings, Section Director - Denver

GENERAL SUMMARY

For the State as a whole, precipitation was less than 50% of normal. Only twelve previous Septembers since observations were begun in 1871 have been drier. During the first week of the month, widely scattered showers were general over the section east of the Continental Divide. Until the 15th, the weather was generally fair. From the 16th to the 20th, moderate precipitation was recorded at most stations in the western portion and at scattered points over the eastern plains. Another storm, the heaviest during the month, prevailed over most of the area west of the 105th meridian at the close of the month. Snowfall was very light and occurred at only a limited number of stations in the higher elevations.

Mean temperatures at all stations with but one exception, Walsenburg, were above normal. The mean for the month was 61.8°. Maxima of 100°, or slightly above, occurred at several stations in the Arkansas River valley on the 1st, and minima somewhat below freezing, with light to moderate frost, were reported from the nonagricultural districts of the higher elevations, but no damage resulted.

Moderate to high winds were general over the eastern section during the latter part of the period, resulting in considerable soil movement and some damage to newly planted grains. Heavy hail damage occurred in western Prowers and eastern Bent counties on the 7th and 8th. Crops were ruined, poultry killed, and buildings damaged. The total loss was estimated at near one million dollars.

The weather was generally favorable for agriculture. Conditions, however, were too dry and warm and crops matured earlier than usual, resulting in reduced yields, especially with alfalfa and other hay crops. Combining and thrashing of grains continued in the higher elevations with the harvest practically completed in the plains areas. Sugar beets, corn, potatoes, onions, and row crops in general, made good showing and the prospects were for above-average yields.

Livestock remained mostly very good to excellent. Ranges continued poor throughout the period, due to lack of moisture, resulting in heavy livestock movement to market, winter ranges, and feed lots.

TEMPERATURE

The monthly mean for the State, taken from the records of 124 stations, was 61.8, which was 3.6 above the average for the past 61 years. The highest monthly mean was 72.0° at La Junta, and the lowest, 48.0°, at Pearl. The highest temperature, 103°, occurred at Lamar on the 1st. The lowest temperature, 14°, occurred at Pearl on the 8th.

PRECIPITATION

The average for the State taken from the records of 124 stations, was 0.64 inch, which was 0.70 inch below the average for the past 61 years. The greatest monthly amount, 2.26 inches, occurred at Vallecito Dam and Cascade, and the least, 0.00, was reported at Lime. The greatest amount in 24 consecutive hours was 1.52 inches at Eversoll Ranch on the 8th.

- - - -

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

COLORADO  
SEPTEMBER 1948

STATIONS	SEA LEVEL PRESSURE EXTREMES - INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN- SHINE	DEGREE DAYS 65° BASE
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	PERCENT OF POSSIBLE	
Denver WB City	30.20 a	13	29.52a	22	7.2	31	S	25	47 a	56a	30 a	25a	73	37
Grand Junction WB Airpt.	30.18	14	29.55	24	8.6	34	SE	16	43	51	32	25	78	18
Pueblo WB Airport	30.24	14	29.49	22	6.4	42	SW	25	53	66	35	33	82	41

\* -- airport data

TABLE 1  
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION			YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE		MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1888	55.9	98	14	0.22			1923	55.0	97	10	1.66	0.9	8
1889	54.8	101	2	0.69			1924	56.5	103	5	1.22	2.8	4
1890	58.3	100	7	0.52			1925	57.7	99	12	1.77	0.5	7
1891	59.6	104	21	1.60			1926	57.0	103	6	0.99	0.1	5
1892	61.5	99	19	0.15			1927	56.8	101	5	2.67	1.5	9
1893	59.3	100	16	0.62			1928	57.4	101	12	0.49	0.1	3
1894	56.5	97	9	1.28			1929	55.5	100	15	2.60	1.3	10
1895	61.0	105	0	0.59			1930	57.7	98	11	1.16	0.5	5
1896	57.4	104	9	2.00	0.3	7	1931	61.8	105	9	1.46	0.1	7
1897	61.1	101	24	1.29	0.1	6	1932	58.2	98	15	0.56	T	3
1898	56.8	99	8	0.88	1.9	3	1933	62.5	104	17	1.87	T	6
1899	60.3	106	17	0.74	0.1	4	1934	57.1	99	6	1.11	1.1	5
1900	58.0	104	9	1.18	0.6	5	1935	58.9	98	10	1.93	2.0	6
1901	58.7	96	9	0.64	T	3	1936	58.5	103	10	1.63	6.0	6
1902	57.0	105	12	1.91	1.2	4	1937	61.0	100	7	1.20	T	5
1903	56.4	103	11	1.13	0.9	6	1938	60.3	99	17	3.01	T	9
1904	57.7	97	18	2.09	0.2	6	1939	61.6	104	16	1.10	0	6
1905	59.2	99	13	1.30	0.1	6	1940	60.6	102	21	2.74	0.1	11
1906	57.2	98	19	2.56	0.4	8	1941	56.9	99	9	2.97	0.8	7
1907	57.5	99	17	1.19	0.5	5	1942	57.7	100	0	1.58	0.4	5
1908	58.3	102	5	0.82	2.1	4	1943	58.4	100	12	0.39	T	3
1909	57.2	100	7	2.63	1.5	8	1944	58.9	102	10	0.42	T	2
1910	59.7	102	12	1.25	0.2	7	1945	56.9	103	10	1.08	1.2	5
1911	59.7	101	15	1.69	T	8	1946	58.8	100	10	0.94	0.2	4
1912	51.2	97	8	1.37	4.7	5	1947	62.0	107	13	1.07	T	5
1913	54.6	100	6	2.13	2.8	9	1948	61.8	103	10	0.64	T	4
1914	59.4	104	10	0.72	2.9	4							
1915	57.1	98	15	1.93	0.3	7							
1916	56.1	97	0	0.92	0.6	4							
1917	57.8	99	15	1.33	11.8	7	PERIOD	58.2	107	- 9	1.34	1.0	6
1918	55.6	99	15	2.28	0.1	8							
1919	59.5	101	14	1.94	0.1	8							
1920	56.4	98	-9	1.12	0.5	6							
1921	58.3	100	3	0.53	T	3							
1922	59.7	102	18	0.41	0	3							





# CLIMATOLOGICAL DATA

COLORADO  
SEPTEMBER 1948

Table 2-Continued

Station	Temperature								Precipitation									
	Average	Departure from Normal	Highest	Date	Lowest	Date	No. of Days		Total	Departure from Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
							Max. 90° or above	Min. 32° or below					Total	Max Depth on Ground	Date	.01 or more	.25 or more	1.00 or more
<b>Kansas Drainage Basin</b>																		
Akron AP CAA	67.1	4.6	96	1	39	29	10		.70	-.80	.56	2	0			3	1	
Arriba	67.7	5.6							.19	-1.35	.10	3	0			2		
Burlington	68.4	3.2	99	1	39	29	11		.37	-1.04	.20	6	0			3		
Cheyenne Wells	68.9	3.8	100	1	35	29	14		.37	-.92	.37	8	0			1	1	
Holyoke	68.5	5.6	100	1	32	28	12	1	.77	-.63	.33	6	0			3	2	
Stratton	69.5	4.3	100	1	39	8	14		.46	-1.48	.28	5	0			4	1	
Wray	68.9	4.6	100	1	31	29	14	2	.56	-.87	.46	5	0			2	1	
Yuma	68.3		99	1	34	30	17		.23	-.86	.13	3	0			3		
Division	68.4								.46									
<b>Platte Drainage Basin</b>																		
Allens Park	56.3		83	1	30	8	2		1.01		.46	27	0			3	2	
Bailey	57.7	3.8	91	4	28	21	1	11	.20	-.97	.10	30	0			5		
Boulder	69.7	6.9	96	4	42	29	8		.95	-.50	.55	20	0			4	2	
Byers	68.7	6.2							.11	-1.00	.10	19	0			2		
Cheesman	61.8	3.2	93	4	34	29	3		.63	-.69	.48	27	0			2	1	
Denver WB Airport 6 ENE	66.7	5.1	95	4	42	29	6		.45	-1.03	.40	19	0			3	1	
Denver WB City	68.3	5.4	94	4	47	9	6		.27	-.72	.20	19	0			2		
Edgewater	68.1	6.2	98	4	40	29	12		.50	-.76	.38	20	0			3	1	
Estes Park 1 N	57.9	4.9	89	1	31	9	4		.77	-.73	.43	30	0			4	1	
Fort Collins	64.6	5.2	94	5	38	10	6		.20	-1.09	.07	6	0			6		
Fort Morgan 1 N	65.6	4.0	95	2	37	29	8		.44	-.70	.29	20	0			4	1	
Georgetown	58.0		82	4	33	8			.54		.15	29	0			8		
Greeley	66.1	3.7	99	1	34	29	13		.12	-.83	.12	20	0			1		
Grover 10 W	64.7	4.5	96	4	34	8	8		.04	-1.15	.04	7	0			1		
Idaho Springs	55.8	0.9	90	4	27	8	1	7	.40	-.85	.20	20	0			4		
Julesburg	68.6	5.4	98	4	34	8	14		1.13	-.03	1.05	22	0			2	1	
Kassler	68.5	4.1	95	4	42	24	7		.30	-1.17	.30	20	0			1	1	
Kauffman 4 SSE	64.1	3.5	97	4	26	29	10	1	.45	-.72	.30	20	0			2	1	
Longmont 2 SSE	64.1	3.4	93	4	38	29	5		.24	-.87	.18	20	0			2		
Parker 9 E	65.2	5.3	94	4	36	23	6		.08	-1.01	.08	30	0			1		
Pearl	48.0	2.1	81	4	14	8	25		1.76	-.30	.66	30	0			6	2	
Sedgwick	66.2	3.2	100	5	33	28	15		.84	-.62	.66	23	0			4	1	
Spicer 4 NE	54.2	6.2	85	1	20	8	15		.68	-.48	.53	28	0			2	1	
Sterling	64.8	2.8	97	5	33	29	6		.32	-.96	.28	20	0			2	1	
Walden	52.3	0.7	83	3	20	8	17		1.08	.26	.65	30	0			5	1	
Waterdale	65.0	4.7	97	4	35	29	8		.08	-1.39	.08	7	0			1		
Division	62.7								.52									
<b>Rio Grande Drainage Basin</b>																		
Alamosa	56.2	0.7	87	1	25	23	14		.07	-.90	.07	30	0			1		
Alamosa WB Airport	56.7	1.2	86	1	25	23	8		.13	-.84	.05	19	0			6		
Center	55.3		83	5	30	24	4		.23		.13	27	0			3		
Conejos 3 NNW	58.8		85	1	32	29	1		.25		.22	27	0			2		
Cumbres	50.3		75	1	29	21	6		1.15	-1.13	.82	26	0			5	1	
Del Norte	58.8	3.3	87	3	36	29			.25	-.68	.25	25	0			1	1	
Hermit 9 SE	50.1	2.9	82	4	19	23	24		1.10	-.95	.60	25	1.1			3	2	
Jaroso	58.0		89	1	30	23	5		.29	-.84	.15	25	0			2		
Monte Vista	57.6	1.5	86	4	29	24	4		.22	-.52	.18	26	0			3		
Saguache	58.1	2.0	85	2	30	24	4		.21	-.63	.09	25	0			4		
San Luis Lakes 3 W	57.8		87	1	29	23	9		.14		.07	26	0			5		
Wagon Wheel Gap 3 N	51.9	2.8	82	2	21	23	24		.60	-.59	.41	26	0			3	1	
Division	55.8								.39									
State	61.8	3.6							.64	-.70								





# DAILY PRECIPITATION

COLORADO  
SEPTEMBER 1948

Table 3—Continued

Station	Day of Month																															Total		
	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			
Wilcox Ranch 4 SE c //																	*	*	*	*	.35							.07	.02	.06				.50
Windsor																					.14												.14	
Winter Park																						.21											.44	
Wolf Creek Pass 4 W			T													T	.10	T	.12						.35	.20	.45	T	T	T	.09	1.22		
Woodland Park 8 N r			.07																								.17	.01	.28			.60		
Wray					.46																											.56		
Yampa	T				.01											.02	T	.01	.17	.06						.01	.03	.03	.57	.97	1.88			
Yuma			.13			.04	.06	T																								.23		











# TABLE 4 - Continued HOURLY PRECIPITATION

COLORADO  
SEPTEMBER 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
Parker 9 E								.01										.04							.05
Rabbit Ears Pass	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Redcliff	//					.01			.01	.01	.01	.01													.05
Saguache																									.02
San Luis													.01	.01											.07
Silverton 2 NE	//	.01	.01									.01													.03
Wagon Wheel Gap 3 N																				.20	.20	.10	.01	.01	.52
Westcreek													.05	.09	.03	.02	.05	.02							.23
Woodland Park '8 N													.02	.08	.03	.04	.09	.01						.01	.28

### REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a State basis. There will be no duplication of numbers within a state.

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

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

When hourly precipitation is accumulated over a period of three or more calendar days, with unknown hourly or daily distribution, the first and last days are shown in Table 4.

When hourly precipitation is missing for several days, only the first and last days are shown in Table 4.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, river stages in feet, and wind movement in miles.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- No record.
- + And also on later dates.
- \* Amount included in following measurement, time distribution unknown.
- // Gage is equipped with wind shield.
- 6 Precipitation measured at 6-hourly intervals, no recording gage.
- B Adjusted to a full month.
- m One or more days of record missing. See Table 5 for detailed daily record.
- r Station equipped with recording gage only. All amounts in Table 3 are for the non-recording gages, except for stations with this reference.
- S Storage precipitation station. Precipitation measurements, made at irregular intervals, will be published in the June issue of this publication.
- T Trace, an amount too small to measure.
- z Hourly amounts from recording gage at the same site may be found in Table 4.
- SS This entry in time of observation column in Station Index means observation made near sunset.

Table 4 data formerly published in Missouri River, Upper Mississippi, Lower Mississippi West Gulf, and South Pacific Hydrologic Bulletins. Amounts in this table are from recording gages. Traces are not shown.

Subscription Price: 15¢ per copy; \$1.50 a year. (Yearly subscription includes Annual Summary). Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, 811 Fidelity Building, Kansas City, Missouri.

W. B. O. --- Washington, D. C. --- 12-16-48 --- 1500



DAILY TEMPERATURES

COLORADO

Table 5-Continued

SEPTEMBER 1948

Table with columns for Station, Day of month (1-31), and Average. Rows include various locations such as Fort Lewis, Fort Morgan 1 N, Fraser, Fruita 1 S, Georgetown, Glenwood Springs 3 SSE, Grand Junction WB Airport, Grand Lake, Grand Lake 4 SSW, Greeley, Green Mountain Dam 4 SSW, Grover 1 W, Gunnison, Hayden, Hermit 9 SE, Holly, Holyoke, Idaho Springs, Ignacio 1 N, Jaroso, John Martin Dam, Julesburg, Kassier, Kauffman 4 SSE, Kit Carson, Kremmling, La Junta AP CAA, Lake Moraine, Lamar, Las Animas 1 N, Leadville, Limon 5 SW, Limon, Little Hills, Longmont 2 SSE, Meeker, Meeker 13 NW, Mesa Verde Natl. Park, Monte Vista.

See reference notes following Station Index.













U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

AGRICULTURAL REFERENCE DEPARTMENT  
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# CLIMATOLOGICAL DATA

COLORADO

OCTOBER 1948

Volume LIII No. 10



E. B. Gittings, Section Director - Denver

GENERAL SUMMARY

The month was dry and warm. Temperatures averaged somewhat above normal, and precipitation was only 57% of the average. Maxima near and slightly above 90° were recorded at most stations on the 3-4th, when temperatures were considerably above normal. Warm weather also prevailed from the 12-15th, followed by a period of several days with subnormal temperatures, during which the minima for most stations were recorded, reaching 0° or slightly below at a few points in the higher elevations.

Stormy conditions were general over the western and northern portions of the section on the 5th, over the western and central areas on the 15-16th, and again over most of the State at the close of the period. Light hail occurred at Kit Carson on the 5th, at Sapinero (near) on the 6th, and at Saguache on the 28th. Moderate to strong winds occurred in all sections except the extreme northwest during the periods 6-8th, 15-17th, and near the close of the month. Some soil movement was reported during these periods over the eastern plains but no serious damage resulted. Light fog prevailed at widely scattered stations, mostly along the Continental Divide on the 8th, 15-17th, and 28-31st. The first killing frost of the season occurred at most stations during the month from the 5th to the 29th, with the 7th the prevailing date, thus ending the growing season of 1948.

Conditions were ideal for harvesting, and all crops were stored or marketed without loss. Dryness, together with abnormal winds, caused considerable soil movement, and some grain fields will require re-seeding. Livestock continued in good condition with heavy movement to market and feeding lots due to early drying of ranges and pastures.

TEMPERATURE

The monthly mean temperature for the State, taken from the records of 119 stations, was 47.6°, which was 0.6° above the average for the past 61 years. The highest monthly mean was 57.3° at Eversoll Ranch, and the lowest, 33.1, at Pearl. The highest temperature, 91°, occurred at Eversoll Ranch on the 4th, and the lowest, -12°, was recorded at Spicer on the 17th.

PRECIPITATION

The average precipitation for the State, taken from the records of 119 stations, was 0.69 inch, which was 0.52 inch below the average for the past 61 years. The greatest monthly amount, 4.32 inches, occurred at Wolf Creek Pass. The lowest, 0.0 inch, was reported at Las Animas and Parker. The greatest amount in 24 consecutive hours was 1.93 inches at Wolf Creek Pass on the 28th.

- - - - -

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

COLORADO  
OCTOBER 1948

STATIONS	SEA LEVEL PRESSURE EXTREMES—INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN- SHINE	DEGREE DAYS 65° BASE
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	PERCENT OF POSSIBLE	
Denver WB City	30.60a	17	29.52a	5	7.1	26	NE	5+	48a	54a	26a	29a	78	378
Grand Junction WB Airprt	30.52	17	29.46	5	8.3	34	NW	5	43	55	35	29	77	337
Pueblo WB Airport	30.66	17	29.29	5	6.6	33	NW	15	51	60	24	28	80	392

a -- airport data

TABLE 1  
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION			YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE		MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1888	41.0	84	- 8	1.05			1923	41.7	84	- 18	2.51	8.6	8
1889	47.3	100	- 0	1.64			1924	47.6	95	- 2	1.44	10.3	5
1890	45.6	93	- 10	0.74			1925	43.3	99	- 7	2.00	7.7	8
1891	47.3	86	- 4	0.34			1926	48.4	99	- 10	0.99	6.1	4
1892	46.8	97	- 4	1.35			1927	48.4	93	- 5	0.71	3.3	3
1893	45.2	92	- 5	0.44			1928	47.6	98	- 5	1.85	5.2	6
1894	49.0	94	- 1	0.58			1929	46.8	90	- 5	1.25	8.7	6
1895	46.9	86	- 0	1.07			1930	45.9	90	- 5	0.97	1.1	4
1896	46.3	89	- 7	0.93	4.8	4	1931	49.6	98	- 7	1.00	1.3	5
1897	47.2	93	- 2	2.03	9.5	6	1932	45.7	90	- 15	0.93	6.7	4
1898	44.0	94	- 2	0.82	4.9	3	1933	51.2	92	- 4	0.29	T	1
1899	46.3	97	- 8	1.74	7.3	5	1934	52.0	96	- 7	0.10	0.2	1
1900	49.6	92	- 1	0.71	1.7	3	1935	47.4	92	- 6	0.80	6.4	4
1901	49.5	89	- 5	0.59	1.6	3	1936	46.3	90	- 3	1.17	4.2	6
1902	48.4	90	- 0	0.88	2.4	3	1937	49.3	93	- 9	0.84	1.2	4
1903	48.1	94	- 5	0.86	4.4	3	1938	50.1	95	- 0	0.87	0.9	4
1904	46.6	89	- 4	0.83	2.4	3	1939	47.9	93	- 4	0.59	2.3	3
1905	43.9	97	- 8	1.06	7.6	4	1940	50.2	90	- 4	0.83	1.0	4
1906	45.4	90	- 12	1.68	13.1	5	1941	46.9	88	- 4	3.01	2.9	10
1907	49.1	91	- 12	0.89	1.1	4	1942	47.6	92	- 1	2.33	5.0	6
1908	43.1	96	- 15	2.20	9.0	5	1943	47.4	92	- 1	0.89	2.7	4
1909	48.1	95	- 4	0.78	3.2	4	1944	49.6	89	- 7	0.98	0.6	4
1910	48.0	100	- 15	1.35	4.6	4	1945	48.9	90	- 10	1.00	3.0	4
1911	43.2	99	- 17	2.23	6.8	6	1946	45.1	92	- 11	1.80	4.3	7
1912	45.2	88	- 3	1.68	8.2	6	1947	51.1	98	- 1	1.89	2.8	6
1913	43.1	88	- 14	1.01	5.5	5	1948	47.6	91	- 12	0.69	2.1	4
1914	47.7	91	- 5	2.11	6.9	6							
1915	48.4	91	- 8	0.63	3.6	2							
1916	44.8	96	- 10	2.71	9.0	9							
1917	44.9	93	- 20	0.55	5.6	4	PERIOD	47.0	100	- 20	1.20	4.8	5
1918	49.3	96	- 1	1.23	4.3	6							
1919	41.7	90	- 17	1.46	8.1	7							
1920	45.9	91	- 6	1.76	12.8	6							
1921	50.2	95	- 9	0.92	3.3	3							
1922	47.2	99	- 1	0.45	2.9	2							

See reference notes following Station Index



# CLIMATOLOGICAL DATA

COLORADO  
OCTOBER 1948

Table 2—Continued

Station	Temperature								Precipitation									
	Average	Departure from Normal	Highest	Date	Lowest	Date	No. of Days		Total	Departure from Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
							Max 90° or above	Min. 32° or below					Total	Max Depth on Ground	Date	.01 or more	.25 or more	1.00 or more
Wray	51.3	-1.1	89	25	18	11 +		21	.31	-.71	.15	29				3		
Tuma	51.5		87	3	12	17 +		20	.34	-.64	.25	6	T			4	1	
DIVISION	52.3								.35									
PLATTE DRAINAGE BASIN																		
Allens Park	42.0		70	3		17		19	1.66		1.15	16	16.0	14	16	3	2	1
Bailey	44.2	.1	76	3 +		17		27	.40	-.75	.16	16	3.5	4	16	5		
Boulder Univ	55.0	2.8	86	13	19	17		5	1.10	-.51	.92	16	12.0	12	16	2	1	
Byers	51.5m	.1							.29	-.35	.15	16	.5	T	16	3		
Cheesman	47.7	-.6	76	3 +	15	17		26	.21	-.84	.11	1	2.0	2	16	3		
Denver WB Airport 6 ENE	51.3	1.8	81	3	19	17		10	.16	-.94	.09	16	.8	T	16	5		
Denver WB City	53.0	1.8	82	3	22	17		3	.06	-.99	.04	16	T	T	16	2		
Edgewater	52.3	1.8	86	3	17	17		12	.19	-1.14	.08	16	.9		16	7		
Estes Park 1 N	47.8	3.6	78	2 +	-5	17		24	.88	-.51	.72	16	6.0		16	4	1	
Fort Collins	48.6	.3	82	4	6	17		21	.72	-.43	.50	16	4.5		16	3		
Fort Lupton 5 E	51.3	1.0	85	3	11	17		12	.45	-.55	.45	16	4.0	4	16	1	1	
Fort Morgan 1 N	48.7	-.9	81	4 +	14	17		24	.28	-.58	.12	6			16	4		
Greeley	48.6	-.9	89	1	10	17		24	.26	-.71	.16	16	1.5	1	16	3		
Grover 10 W	49.8	1.0	88	3	12	17		13	.05	-.67	.05	16	1.0	1	16	1		
Idaho Springs	42.4	-2.1	74	3 +	3	17		28	.57	-.58	.15	16	4.0	2	16	6		
Julesburg	51.2	.5	86	3	20	17		18	.72	-.22	.48	29	1.0		16	4	1	
Kassler	54.3	-1.7	83	3 +	12	17		9	.36	-1.17	.28	16	3.0	3	16	3	1	
Kauffman 4 SSE	48.2	-1.7	86	3	12	17		21	.41	-.39	.14	29	1.0	T	16	4		
Longmont 2 SSE	50.2	1.1	81	3 +	2	17		23	.59	-.69	.52	16	7.0	7	16	2		
Parker 9 E	49.3	.8	81	3 +	13	17		19		-1.05								
Pearl	33.1m	-4.0	67	3				24	.88	-.65	.34	5	6.0	2	6	5	2	
Sedgwick	49.6	-1.2	84	4	14	11		20	1.64	-.65	1.07	29	2.0	2	16	5	2	1
Spicer 4 NE	38.7	-.5	74	13	-12	17		31	.63	-.54	.50	16	4.0		16	3		
Sterling	48.6	-1.8	81	4 +	18	17		21	.27	-.71	.20	16	1.0		16	4		
Walden	39.2	-1.3	69	3	-7	17		28	.40	-.17	.26	16	3.2	2	16	4	1	
Waterdale	49.6	.4	85	3	13	17		17	.44	-.80	.33	16	4.1	3	16	3	1	
DIVISION	47.9								.52									
RIO GRANDE DRAINAGE BASIN																		
Alamosa	41.7	-2.8	74	3	10	16 +		29	.52	-.08	.38	28				3	1	
Alamosa WB Airport	42.0	-2.5	72	9	10	18		27	.60		.25	28	1.2		16	7	1	
Center	41.3m		66	3 +	16	17		30	.57		.28	28	T		16	5	1	
Conejos 3 NNW	44.9		71	4 +	14	17		25	1.23		.78	20	T		16	4	2	
Cumbres	38.5		61	10	18	29 +		29	3.27	1.18	1.20	29	24.0	18	29	8	4	1
Hermit 9 SE	38.8	1.1	69	8	0	29		29	1.20	-.63	.75	28	9.3	8	28	4	1	
Jaroso	44.6		76	14	14	7		28	.57	-.20	.17	29			16	4		
Manassa	43.7	-1.4	70	3 +	15	7 +		24	.60	-.09	.19	20 +	T		16	4		
Monte Vista	44.1	-.4	73	10	17	17		27	.70	-.16	.28	29	.1	T	29	6	1	
Saguache	45.1	-.7	74	9	14	17 +		27	.40	-.33	.36	28			16	2	1	
San Luis Lakes 3 W	43.3m		72	10	13	18		27	.83		.42	1			16	6	2	
Wagon Wheel Gap 3 N	39.4m	.2	71	8	5	30		30	1.13	-.34	.85	29	9.0	8	29	5	1	
DIVISION	42.3		76	14	0	29			.97		1.20	29	3.6	18	29	58		
STATE	47.6	.6							.69	-.52								





# DAILY PRECIPITATION

COLGRAD  
OCTOBER 194

Table 3—Continued

Station	Day of Month																															Total			
	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				
Waterdale	.04														T	.33	.07																		.44
Westcliffe	.10																																		.47
Westcreek																.06																		.06	
White Rock																			.02	.01														.05	
Wilcox Ranch 4 SE					.84																													1.29	
Windsor						.08											.21	.06	T															.35	
Winter Park	.07				.19	.34	.23										.70																	1.77	
Wolf Creek Pass 4 W	.46			T	.52	.05								.21					T	.69													4.32		
Woodland Park 8 N																.04																		.04	
Wray					.12																													.31	
Yampa					.30	.03										.23	T																	.73	
Yuma					.25												.02																		.34

See reference notes following Station Index









# TABLE 4 - Continued HOURLY PRECIPITATION

COLORADO  
OCTOBER 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
Rifle													.03	.03			.01				.01				.08	
Saguache												.02	.06	.07	.10		.01	.01				.03			.30	
San Luis														.01				.09			.07	.07	.02	.04	.23	
Springfield 8 S																				.06	.06				.12	
Telluride	//				.03	.11	.01	.03		.13	.04	.04	.04	.05	.07	.01	.04								.61	
Tercio 5 W	//			.01				.01												.07	.10		.04	.09	.01	
Wagon Wheel Gap 3 N		.01				.03	.03			.02	.12	.12	.12	.05	.11	.07	.01	.03	.01	.01		.02	*	*	.77	
Walsenburg																						*	*	*	*	
White Rock	//												.04	.06	.04	.09	.10	.01			.02				.02	
Wilcox Ranch 4 SE	//						.01	.09	.01																.45	
-29th-																										
Akron	//	.01	.01			.03	.04																		.09	
Akron AP CAA	6	*	*	*	*	*	.10																			
Alamosa WB Airport	6	*	*	*	*	*	.01					.01			.01										.02	
Allens Park																									.02	
Artesia		.01	.01																						.02	
Aspen	//			.01			.01																		.02	
Atkinson Ranch				.01	.01																				.03	
Briggsdale			.01		.01	.01																			.14	
Crested Butte	//	.03	.04	.01	.02	.02		.02																	.02	
Denver WB Airport 6 ENE	//	.02																							.02	
Denver WB City		.02																							.02	
Durango		.01	.01																						.06	
Eckley		.04	.02																						.08	
Evergreen		*	*	*	*	*	*	*	*	.08															.08	
Hoyt	//		.01	.03	.01																				.05	
Leadville	//					.01				.01															.02	
Monte Vista		.01	.01	.01																					.03	
New Raymer				.01	.03																				.04	
Nunn																							.01	.02	.03	
Ouray	//		.01																						.01	
Paoli			.02	.01		.05	.01		.04	.01	.01			*	*	*	.01								.16	
Redcliff	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.15								.15
Rifle		.01	.01																						.02	
San Luis		.02		.02																					.04	
Shaw						.06																			.06	
-30th-																										
Atkinson Ranch				.01				.01		.01	.01							.01	.01						.06	
Byers													.02									.03			.03	
Durango																									.02	
Kim 16 N	//	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mesa Verde Natl Park			.01	.01				.01		.01								.02	.01		.03	.01		.02	.13	
Monte Vista														.01	.03										.04	
Silverton 2 NE	//	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.85								.85	
-31st-																										
Alamosa WB Airport	6							*	*	*	*	*	.13	*	*	*	*	*	.01							
Atkinson Ranch			.01	.07	.01																				.11	
Byers			.01			.04										.01	.01								.05	
Durango		.01	.04	.04			.01	.01	.02		.01														.14	
Froze Creek									.03																.03	
Joel																										
John Martin Dam	//																								.06	
Kim 16 N	//																	.05	.01						.20	
La Junta AP CAA	6																				.03	.01	*	*		
Mesa Verde Natl Park		.07	.04	.05	.04	.01		.01		.02										*	*	*	*	*	.02	
Mule Shoe Lodge	//											.06													.24	
Saguache														.02	.03	.02	.01								.06	
San Luis											.02	.03													.03	
Springfield 8 S																									.07	
Tercio 5 W	//									.03	.05	.01				.01	.01				.05	.04	.08	.10	.06	.05
Trinidad AP CAA Hoehne	//													.03	.05	.01									.11	
Wagon Wheel Gap 3 N								.01		.03	.01			.04	.04	.04		.06	.02		.03	.02	.04	.01	.30	
Walsenburg		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.05
																									.07	

See reference notes following Station Index



DAILY TEMPERATURES

COLORADO  
OCTOBER 1948

Table 5-Continued

Table with columns for Station, Day of month (1-31), and Average. Rows include stations like Fort Lupton 5 E, Fort Morgan 1 N, Fraser, Fruita 1 S, Glenwood Springs 3 SSE, Grand Junction W8 Airport, Grand Lake, Grand Lake 4 SSW, Greeley, Green Mountain Dam 4 SSW, Grover 1 W, Gunnison, Hayden, Hermit 9 SE, Holly, Holyoke, Idaho Springs, Ignacio 1 N, Jaroso, John Martin Dam, Julesburg, Kaeeler, Kauffman 4 SSE, Kit Carson, Kremmling, La Junta AP CAA, Lake Moraine, Lamar, Las Animas 1 N, Leadville, Limon 5 SW, Limon, Little Hills, Longmont 2 SSE, Manasa, Meeker, Meeker 13 NW, Mesa Verde Natl. Park, and Monte Vista.

See reference notes following Station Index.







# STATION INDEX

COLORADO  
OCTOBER 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	O LAT.	O LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
GATE	0092	ELBERT	PLATTE	39 27	103 56	5480	M						IVAN WILLIAMS	3
KRON	0109	WASHINGTON	KANSAS	40 10	103 09		M						U.S. DRY LAND FLD. STA	3 4
KRON AP CAA	0114	WASHINGTON	KANSAS	40 07	103 10	4582	M	MID	MID	23	34		U.S. AIRWAY COM. STA.	2 3 5
LAMOSA	0125	ALAMOZA	RIO GRANDE	37 28	105 53	7531	M	9A	9A	17	17		W. P. SHULDT	2 3 5
LAMOSA AP WBAS	0130	ALAMOZA	RIO GRANDE	37 26	105 51	7534	M	8P	5P	4	4		U.S. WEATHER BUREAU	2 3 5
ALLENS PARK	0183	BOULDER	PLATTE	40 12	105 32	8500	M	6P	6P	3	4		CHARLES JENSEN	2 3 4 5
ALTENBERN	0214	GARFIELD	COLORADO	39 35	108 32	6800	M		4P		2		ORVILLE C. ALTENBERN	3
AMES	0228	SAN MIGUEL	COLORADO	37 54	107 55	8750	M		5P		35		WESTERN COLO. POWER CO	3
ARMY	0242	LINCOLN	ARKANSAS	38 54	103 39	5420	M		6P		5		BEN H. MARSHALL	3
ARAPAHOE	0304	CHEYENNE	KANSAS	38 51	102 11	4013	M				7		JOSEPH A. PFOST	3 4
ARROYA 9 MI. N	0343	CHEYENNE	ARKANSAS	38 59	103 06	5100	M		7A		5		CLARK WRIGHT	3
ARRIBA	0348	LINCOLN	KANSAS	39 17	103 16	5241	M	6P	6P	32	33		EVERETT 8L1R	2 3 5
ARTESIA	0354	MOFFAT	COLORADO	40 15	109 01	5900	M				7		I. W. COX	3 4
ASPEN	0370	PITKIN	COLORADO	39 11	106 50	7913	M	5P	5P	22	23		VERLIN E. RINGLE	2 3 4 5
ATKINSON RANCH	0381	MONTEZUMA	COLORADO	37 36	108 53		M				7		GRANVILLE E. ATKINSON	3 4
AYER RANCH	0437	EL PASO	ARKANSAS	39 01	104 36	7232	M		8A		5		R. J. AYER	3
BAILEY	0454	PARK	PLATTE	39 24	105 29	7733	M	5P	5P	13	13		JOHN A. RUNDGREN	2 3 5
BIG SPRINGS RANCR	0712	EL PASO	ARKANSAS	38 52	104 19		M				3		ARTHUR H. NUTT	3 4
BLANCA	0776	COSTILLA	RIO GRANDE	37 26	105 31	7500	M		9A		39		VIRGINIA H. TESSLER	3
BLOOM	0784	OTTO	ARKANSAS	37 41	103 58	4488	M		6P		17		C. J. GLOVER	3
BOULDER NO. 2	0843	BOULDER	PLATTE	40 01	105 16	5404	M				8		THOMAS L. PLATT	3 4
BOVINA	0862	LINCOLN	KANSAS	39 19	103 21	5280	M		7P		5		I. W. FREEMAN	3
BOX RANCH	0873	LAS ANAMIS	ARKANSAS	37 14	103 48	5600	M	7P	7P	12	12		J. A. LOPEZ	2 3 5
BRANSON	0898	LAS ANAMIS	ARKANSAS	37 01	103 53	6292	M		5P		10		T. A. RUSSELL	3
BRECKINRIDGE	0909	SUMMIT	COLORADO	39 29	106 02	9579	M		5P		2		HELEN E. RICH	3
BRIGGSDALE	0945	WELD	PLATTE	40 39	104 20		M				8		U.S. SOIL CONSERV.	3 4
BUENA VISTA 2 MI. S	1071	CHAFFEE	ARKANSAS	38 50	106 08	7980	M	4P	4P	39	48		STATE REFORMATORY	2 3 5
BURLINGTON	1121	KIT CARSON	KANSAS	39 18	102 16	5250	M	5P	5P	45	59		CITY CLERK	2 3 5
BURLINGTON NO 57 12 MI. NNE	1126	KIT CARSON	KANSAS	39 28	102 09		M				7		SHIRLEY M. JAMES	3 4
BURLINGTON NO 58 8 MI. SE	1131	KIT CARSON	KANSAS	39 15	102 09		M				7		ROBERT SCHLENSEVER	3 4
BYERS	1179	ARAPAHOE	PLATTE	39 42	104 13	5202	M	7P	7P	26	26		W. L. BEST	2 3 4 5
CANON CITY	1294	FREMONT	ARKANSAS	38 26	105 16	5343	M	4P	4P	59	61		WARDEN, PENITENTIARY	2 3 5
CASCADE	1384	SAN JUAN	COLORADO	37 40	107 48	8853	M		5P		42		WESTERN COLO POWER CO	3
CASTLE ROCK	1401	DOUGLAS	PLATTE	39 22	104 51		M				7		U.S. SOIL CONSERV.	3 4
CEDAREDEGE	1440	DELTA	COLORADO	38 54	107 56	6175	M	5P	5P	48	50		P. R. AUST	2 3 4 5
CENTER	1458	SAGUACRE	RIO GRANDE	37 45	106 07	7668	M	8P	8P	7	8		W. B. SUTLEY	2 3 5
CHBEESMAN	1528	JEFFERSON	PLATTE	39 13	105 17	6890	M	5P	5P	45	46		SUPT. CHEESMAN LAKE	2 3 5
CHERAW	1539	OTERO	ARKANSAS	38 06	103 31		M				8		L. H. HOUGHTON	3 4
CBEYENNE WELLS	1564	CBEYENNE	KANSAS	38 52	102 22	4250	M	5P	VAR	56	56		CITY WATER DEPT.	2 3 5
COALDALE	1693	FREMONT	ARKANSAS	38 22	105 46		M				7		Wm. F. COOPER	3 4
COCHETOPA CREEK	1713	SAGUACRE	COLORADO	38 26	106 54	8000	M	8A	8A	2	2		R. F. KREUGER	2 3 4 5
COLLBRAN	1741	MESA	COLORADO	39 14	107 58	6200	M	6P	6P	47	57		A. D. MITCHELL	2 3 5
COLORADO NAT MON	1772	MESA	COLORADO	39 06	108 44	5780	M	5P	5P	9	9		SUPT COLO NATL PARK	2 3 5
COLO SPRINGS AP WBAS	1778	EL PASO	ARKANSAS	38 49	104 42	6175	M	MID	MID	1	1		U.S. WEATHER BUREAU	2 3 5
CONEJOS 3 MI. NNW	1816	CONEJOS	RIO GRANDE	37 08	106 02	7900	M	8A	8A	9	9		W. M. DARNALL	2 3 5 6
CORTEZ	1886	MONTEZUMA	COLORADO	37 21	108 34	6177	M	5P	5P	36	36		MONTEZUMA VAL. 1R. CO.	2 3 5
CRAIG	1928	MOFFAT	COLORADO	40 31	107 33	6231	M	MID	MID	15	16		L. G. STUKY	2 3 4 5
CRESTED BUTTE	1959	GUNNISON	COLORADO	38 52	106 58	8867	M	4P	4P	38	50		JANE E. PLUTT	2 3 4 5
CRIPPLE CREEK	1973	TELLER	ARKANSAS	38 45	105 11	9508	M	3P	3P	12	28		KENNETH GEDDES	2 3 5
CRIPPLE CREEK 9 MI. NW	1978	TELLER	ARKANSAS	38 52	105 17	8500	M				2		WILLIAM S. SNARE	3 4
CUCARAS DAM	1978	RUERFANO	ARKANSAS	37 44	104 36		M				8		CECIL L. SHEPHARD	3 4
CUMBRES	2048	CONEJOS	RIO GRANDE	37 01	106 27	10015	M	8A	8A	6	42		ROSCOE MARTIN	2 3 5
DEADMAN HILL	2112	LARIMER	PLATTE	40 48	105 47	10200	M				6		U.S. FOREST SERVICE	3
DEERTRAIL	2162	ARAPAHOE	PLATTE	39 37	104 03		M				8		EVERETT L. DAVIS	3 4
DEL NORTE	2184	RIO GRANDE	RIO GRANDE	37 40	106 21	7880	M	6P	6P	30	30		LYNN K. WOODS	2 3 5
DELTA	2192	DELTA	COLORADO	38 45	108 04	5115	M	6P	6P	59	61		MRS. E. H. GETTS	2 3 5
DENVER AP WBAS 6 MI. ENE	2220	DENVER	PLATTE	39 46	104 53	5298	M	MID	MID	15	15		U.S. WEATHER BUREAU	2 3 4 5
DENVER WBO	2225	DENVER	PLATTE	39 45	105 00	5221	M	MID	MID	77	77		U.S. WEATHER BUREAU	2 3 4 5
DILLON 1 MI. S	2281	SUMMIT	COLORADO	39 36	106 03	8900	M	6P	6P	38	42		RAYMOND D. WAILES	2 3 5
DOHERTY RANCB	2312	LAS ANIMAS	ARKANSAS	37 23	103 53	4800	M		7A		9		BOWARD B. SUMPTER	3
DOLORES	2326	MONTEZUMA	COLORADO	37 28	108 30	6950	M		9A		18		LOUISA H. TYLE	3
DURANGO	2432	LA PLATA	COLORADO	37 17	107 53	6554	M	MID	MID	55	57		M. R. DAYTON	2 3 4 5
EADS	2446	KIOWA	ARKANSAS	38 29	102 46	4262	M	5P	5P	34	37		NEWTON R. KABEL	2 3 4 5
EAGLE CAA 5 MI. W	2454	EAGLE	COLORADO	39 38	106 55	6497	M	MID	MID	12	14		U.S. AIRWAY COM. STA.	2 3 4 5
ECKLEY	2535	YUMA	KANSAS	40 07	102 29		M				8		BAROLD W. RIFFLE	3 4
EDGEWATER	2557	JEFFERSON	PLATTE	39 46	105 03	5450	M	5P	5P	39	41		J.C.R. SANATORIUM	2 3 5
ELK CREEK	2633	JEFFERSON	PLATTE	39 29	105 20		M				8		SAMUEL J. HARGIS	3 4
ERIE	2731	BOULDER	PLATTE	40 03	105 02	5035	M		7P		3		GLENN H. NEWMAN	3
ESTES PARK 1 MI. N	2759	LARIMER	PLATTE	40 23	105 31	7750	M	5P	5P	33	40		MARTIN J. POLING	2 3 5
EVERGREEN	2795	JEFFERSON	PLATTE	39 37	105 21		M				8		RAY S. FLEMING	3 4
EVERSOLL RANCH	2803	BACA	ARKANSAS	37 02	102 05	3576	M	6P	6P	4	5		J. C. EVERSOLL	2 3 5
FAIRPLAY	2814	PARK	PLATTE	39 14	106 00	10000	M				6		U.S. FOREST SERVICE	3
FERNDALE RANCH	2880	MOFFAT	COLORADO	40 47	107 39	7000	M		VAR		8		JOHN J. SBERMAN	3
FLEMING	2944	LOGAN	KANSAS	40 40	102 50	4250	M		6P		12		JOHN G. MORISON	3
FLORENCE	2955	FREMONT	ARKANSAS	38 23	105 08	5190	M	9A	9A	13	13		JR. CBAMBER OF COM.	2 3 5
FORDER 8 MI. S	2997	LINCOLN	ARKANSAS	38 33	103 41	4500	M		6A		15		MELVIN B. SAVAGE	3 4
FORT COLLINS	3005	LARIMER	PLATTE	40 35	105 05	4935	M	7A	7P	68	69		AGRICULTURAL COLLEGE	2 3 4 5 6
FORT LEWIS	3016	LA PLATA	COLORADO	37 14	108 03	7610	M	6P	6P	42	48		AGRICULTURAL SCHOOL	2 3 5
FORT LUPTON 4 MI. E	3027	WELD	PLATTE	40 05	104 43	4906	M				30		JOSEPH P. AMATO	3
FORT MORGAN 1 MI. N	3038	MORGAN	PLATTE	40 15	103 48	4321	M	8A	8A	52	58		GT. WESTERN SUGAR CO	2 3 5
FOUNTAIN	3063	EL PASO	ARKANSAS	38 40	104 42	5546	M		7A		7		A. E. ORCUTT	3
FOUNTAIN 6 MI. NNE	3068	EL PASO	ARKANSAS	38 47	104 37	5960	M		8A		8		RAY SHONTS	3
FOWLER	3079	OTERO	ARKANSAS	38 07	104 01	4330	M		7A		9		D. C. BASCOM	3
FRASER	3113	GRAND	COLORADO	39 57	105 50	8560	M	6P	6P	39	40		GEORGE PELLINI	2 3 5
FROZE CREEK	3138	CUSTER	ARKANSAS	38 00	105 20	8200	M				7		CHARLES H. SWEAT	2 3 4
BOULDER	0848	BOULDER	PLATTE	40 00	105 17		M	9A	9A	53	56		EMIL A. JOHNSON	2 3 5

STATION INDEX - Continued

COLORADO  
OCTOBER 194:

STATION	INDEX NO.	COUNTY	DRAINAGE	O LAT.	O LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
FRUITA 1 MI. S	3146	MESA	COLORADO	39 09	108 44	4525	M	6P	6P	49	50		ELSIE L. SOMMERVILLE	3 5 7
GARDNER	3222	HUERFANO	ARKANSAS	37 46	105 11	7000	M		5P		11		J. W. VINACKE	3
GATEWAY 4 MI. NE	3246	MESA	COLORADO	38 42	108 56	4903	M		5P		1		WENDELL LARSEN	3
GENOA	3258	LINCOLN	KANSAS	39 17	103 30	5599	M		9P		8		A. O. MILEY	3
GEORGETOWN	3261	CLEAR CREEK	PLATTE	39 42	105 43	8570	M	5P	5P	10	21		JEROME E. DINGERSON	2 3 5
GLEN MAR	3345	GRAND	COLORADO	39 47	106 01	8637	M		6P		2		ALBERT M. WHITMORE	3
GLENWOOD SPRINGS	3359	GARFIELD	COLORADO	39 32	107 20	5823	M	6P	6P	47	49		MAX E. GETTS	2 3 5
GRANADA	3477	PROWERS	ARKANSAS	38 04	102 19		M						LOUIS R. COY	3 4 5
GRAND JUNCTION AP WBAS	3488	MESA	COLORADO	39 06	108 32	4849	M	MID	MID	58	59	1	U.S. WEATHER BUREAU	2 3 4 5 6
GRAND LAKE	3496	GRAND	COLORADO	40 16	105 50	8380	M	6P	6P	9	22		R. C. CADDELL	2 3 4 5
GRAND LAKE 4 MI. SSW	3500	GRAND	COLORADO	40 15	105 51	8389	M	5P	5P				BUR. OF RECLAMATION	2 3 5
GREAT DIVIDE	3538	MOFFAT	COLORADO	40 47	107 50	6870	M						GEORGE W. CUNBACK	3 4 5
GREELEY	3546	WELD	PLATTE	40 26	104 41	4648	M	8A	8A	56	61		GT. WESTERN SUGAR CO.	2 3 4 5
GREENLAND NO. 25 8 MI. SE	3579	EL PASO	PLATTE	39 08	104 43		M						FRED A. ROGERS	3 4
GREENLAND NO. 26 7 MI. NE	3584	DOUGLAS	PLATTE	39 14	104 43		M						NANCY E. DENNIS	3 4
GREEN MOUNTAIN DAM 4 MI. SSW	3592	SUMMIT	COLORADO	39 53	106 20	7760	M	4P	4P	14	14		BUR. OF RECLAMATION	2 3 5 6
GREYSTONE	3609	MOFFAT	COLORADO	40 37	108 40	6800	M	8P	VAR	12	12		L. H. BUFFHAM	3
GROVER 10 MI. W	3643	WELD	PLATTE	40 52	104 25	5076	M	6P	6P	39	48		MRS. E. D. STINSON	2 3 5
GUFFEY	3654	PARK	ARKANSAS	38 45	105 32	8600	M		7P		9		LEONORA F. MOOREHOUSE	3
GUNNISON	3662	GUNNISON	COLORADO	38 33	106 55	7634	M	6P	6P	55	58		OWEN S. WHIPP	2 3 4 5
HAMILTON	3738	MOFFAT	COLORADO	40 22	107 37		M		6P		2		MARGARET L. MANN	3
HARMON RANCH	3783	EACA	ARKANSAS	37 29	102 41	4600	M		6P		5		W. W. HARMON	3
HARTSEL	3811	PARK	PLATTE	39 02	105 48	8866	M		6P		26		BESSIE C. HANLIN	3 4
HASWELL	3828	KIOWA	ARKANSAS	38 27	103 09	4528	M		VAR		40		OSCAR NORDSTROM	3
HAWTHORNE	3850	BOULDER	PLATTE	39 56	105 18	5923	M		6P		40		LAURA E. CHESEBRO	3
HAYDEN	3867	ROUTT	COLORADO	40 30	107 15	6337	M	6P	6P	31	32		RAY GOREE	2 3 5
HERMIT 9 MI. SE	3951	MINERAL	RIO GRANDE	37 45	107 07	9001	M	7P	7P	46	48		MABEL WRIGHT	2 3 5
HIGBEE 6 MI. SW	3982	OTERO	ARKANSAS	37 43	103 30	4250	M		8A		8		MRS. E. L. RIDENROURE	2 3 5
HOLLY	4076	PROWERS	ARKANSAS	38 03	102 07	3385	M		6P	43	51		WINSON PORTERFIELD	2 3 5
HOLYOKE	4082	LINCOLN	KANSAS	40 35	102 18	3745	M	6P	6P	40	54		F. B. FLANAGAN	2 3 5
HOYT	4155	MORGAN	PLATTE	40 00	104 05	5000	M				8		GILBERT E. BAKER	3 4
HUGO	4172	LINCOLN	ARKANSAS	39 08	103 28		M				8		BARBARA L. MATTIX	3 4
IDAHO SPRINGS	4234	CLEAR CREEK	PLATTE	39 45	105 33	7540	M	6P	6P	50	51		PUBLIC SERVICE CO.	2 3 5
IDALIA 1 MI. SE	4242	YUMA	KANSAS	39 41	102 16	3961	M		8A		8		EADS W. LEHMAN	3
IGNACIO 1 MI. N	4250	LA PLATA	COLORADO	37 08	107 38	6425	M	5P	5P	35	35		CONSOLIDATED UTE AGCY	2 3 5
INDEPENDENCE PASS	4270	PITKIN	COLORADO	39 05	106 37	10500	M		6A		2		DAVID P. STALLARD	3
JAROSO	4346	COSTILLA	RIO GRANDE	37 00	105 38	7579	M	5P	5P	9	13		IRA E. FRANCIS	2 3 5
JOES	4380	YUMA	KANSAS	39 39	102 41		M				8		LAVERN C. BUSTER	3 4 5
JOHN MARTIN DAM	4388	BENT	ARKANSAS	38 05	102 57	3820	M	8A	4P	9	9	8	U.S. ENGINEER OFFICE	2 3 4 5 6
JULESBURG	4413	SEDGWICK	PLATTE	41 00	102 15	3469	M	SS	MID	38	45		J. W. MCNAMARA	2 3 5
KARVAL 5 MI. N	4444	LINCOLN	ARKANSAS	38 48	103 31	5104	M		7P		8		J. C. WESTLUND	3
KASSLER	4452	JEFFERSON	PLATTE	39 32	105 06	5495	M	4P	4P	35	46		R. MCILVEEN	2 3 5
KAUFFMAN 4 MI. SSE	4460	WELD	PLATTE	40 50	103 56	5250	M	SS	SS	12	12		THYRA NELSON	2 3 5
KIM 16 MI. N	4538	LAS ANIMAS	ARKANSAS	37 27	103 20	5240	M						ROBERT L. PLATT	3 4
KIT CARSON	4603	CHEYENNE	ARKANSAS	38 46	102 47	4284	M	6P	6P	13	18		O. A. MCREYNOLDS	2 3 5
KLINE 3 MI. W	4614	LA PLATA	COLORADO	37 07	108 11	6619	M		SS		6		RAYMOND B. FLEET	3
KREMMLING	4664	GRAND	COLORADO	40 04	106 24	7322	M	5P	5P	3	3		B. B. DAWSON	2 3 4 5
KUTCH	4684	ELBERT	ARKANSAS	38 55	103 52		M				7		RED WEBER	3 4
LA JUNTA AP CAA	4720	OTERO	ARKANSAS	38 03	103 31	4190	M	MID	MID	4	21		U.S. AIRWAY COM. STA.	2 3 5
LAKE CITY	4734	HINSDALE	COLORADO	38 03	107 19	8886	M		9A				EMMA L. LASKA	3
LAKE GEORGE	4742	PARK	PLATTE	38 55	105 29		M				8		CHARLES J. DAVIS	3 4
LAKE MORaine	4750	EL PASO	ARKANSAS	38 49	105 01	10265	M	6P	6P	54	55		COLO. SPRS. WATER WKS	2 3 5
LAMAR	4770	PROWERS	ARKANSAS	38 04	102 37	3642	M	MID	MID	58	60		FRANK E. MAIN	2 3 5
LAS ANIMAS 1 MI. N	4834	BENT	ARKANSAS	38 04	103 13	3392	M	5P	5P	63	67		AMER. CRYST. SUGAR CO.	2 3 5
LA VETA PASS	4870	COSTILLA	ARKANSAS	37 28	105 10	9242	M		6P		40		V. SPROUSE	3
LEADVILLE NO. 1	4884	LAKE	ARKANSAS	39 16	106 18	10177	M	MID	MID	46	53		F. H. VANPELT	2 3 4 5
LE ROY	4945	LOGAN	KANSAS	40 29	103 01	4390	M		8P		60		ALBERT LINDSTROM	3
LIME 3 MI. SE	5001	PUEBLO	ARKANSAS	38 07	104 35	4900	M		8A		8		MARY WYATT	3
LIMON 5 MI. SW	5015	ELBERT	ARKANSAS	39 12	103 44	5360	M	6P	6P	38	39		MRS. V. LANDEMAN	2 3 5
LIMON	5017	LINCOLN	ARKANSAS	39 16	103 41	5360	M	MID	MID	1	1		MRS. G. A. BELL	2 3 5
LITTLE DOLORES	5040	MESA	COLORADO	38 56	108 52	6700	M		6P		7		F. A. SHUGER	3
LITTLE HILLS	5048	RIO BLANCO	COLORADO	40 00	108 12	6200	M	6P	6P	3	3		COLO. GAME&FISH DEPT.	2 3 5
LONGMONT 2 MI. SSE	5116	BOULDER	PLATTE	40 10	105 04	4950	M	8A	8A	48	48		GT. WESTERN SUGAR CO.	2 3 5
LONGMONT 6 MI. NW	5121	BOULDER	PLATTE	40 15	105 08		M				8		CHARLES L. MEADOR	3 4
LONGS PEAK	5141	LARIMER	PLATTE	40 17	105 34	9000	M	9A	9A	49	51		R. L. FAGAN	3
MANASSA	5322	CONEJOS	RIO GRANDE	37 11	105 57	7700	M	5P	5P	47	47		JAMES R. JACK	3
MANCOS	5327	MONTEZUMA	COLORADO	37 21	108 17	7035	M		10A		2		DELPHIA WALLETT	3
MANITOU SPRINGS	5352	EL PASO	ARKANSAS	38 52	104 56		M				6		HARRY KLEWER	3 4
MARSHALL PASS	5394	SAGUACHE	ARKANSAS	38 24	106 15	10845	M		7A		2		GUSTAVUS A. LATHAM	3
MARVINE	5408	RIO BLANCO	COLORADO	40 00	107 35	7200	M		5P		2		GUY M. STEALEY	3
MEEKER	5484	RIO BLANCO	COLORADO	40 02	107 55	6240	M	SS	SS	43	45		R. G. LYTLE, JR.	2 3 4 5
MEEKER 13 MI. NW	5489	RIO BLANCO	COLORADO	40 08	108 00	6500	M	6P	6P	19	19		P. A. HAUSER	2 3 5
MESA VERDE NATL PARK	5531	MONTEZUMA	COLORADO	37 12	108 30	6960	M	5P	5P	26	26		SUPT. MESA VERDE PARK	2 3 4 5
MIDWAY	5564	EL PASO	ARKANSAS	38 37	104 40		M				2		MARY H. HANNA	3 4
MITCHELL 22 MI. E	5667	BACA	ARKANSAS	37 04	102 14	4375	M		7A		8		J. F. BUTCHER	3
MONARCH PASS	5695	CHAFFEE	ARKANSAS	38 31	106 22		M				8		HAROLD W. LOCKETT	3
MONTE VISTA	5706	RIO GRANDE	RIO GRANDE	37 34	106 09	7675	M	7A	7A	16	16		BUR. OF RECLAMATION	2 3 4 5
MONTROSE NO. 1	5717	MONTROSE	COLORADO	38 29	107 53	5830	M	8A	8A	60	61		UNCOMPAGNE VAL. W. U. A	3 4 5 6
MONTROSE NO. 2	5722	MONTROSE	COLORADO	38 29	107 53	5830	M		6P				MELVIN SHARP	2 3 5
MONUMENT 2 MI. W	5730	EL PASO	ARKANSAS	39 05	104 56	7400	M	6P	6P	33	38	9	U.S. FOREST SERVICE	2 3 4 5
MOUNT MORRISON	5805	JEFFERSON	PLATTE	39 39	105 14		M				8		LAWRENCE M. KNOLLE	3 4
MULE SHOE LODGE	5819	HUERFANO	ARKANSAS	37 35	105 10		M				8		ALFRED O. PETERSON	3 4
NEW RAYMER	5922	WELD	PLATTE	40 36	103 50		M				8		RACHAEL E. BARKER	3 4
NORTHDALE	5970	DOLORES	COLORADO	37 49	109 02	6482	M	SS	SS	18	19		MRS. I. F. SHUTT	2 3 5
NORTH LAKE	5990	LAS ANIMAS	ARKANSAS	37 13	105 03	8800	M		7P		55		W. A. SMITH	3

## STATION INDEX — Continued

COLORADO  
OCTOBER 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT.		LONG.		ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
									ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
O	I	O	I	E	F	Z	T	P	T	P	E					
NORWOOD	6012	SAN MIGUEL	COLORADO	38	08	108	17	7017	M	7P	7P	20	20		ED JOSEPH	2 3 5
NUNN	6023	WELD	PLATTE	40	38	104	45		M				1		LLOYD A. GIFFIN	3 4
OIL SHALE MINE	6073	GARFIELD	COLORADO	39	33	107	56	8200	M	8A	8A	2	2		BUREAU OF MINES	2 3 5
OLATHE 6 MI. W	6081	MONTROSE	COLORADO	38	36	108	04	5488	M		VAR		8		MOLLIE PATTERSON	3
ORDWAY	6131	CROWLEY	ARKANSAS	38	13	103	45	4300	M		VAR		32		W. R. FERGUSON	3
OTIS 11 MI. NE	6192	WASHINGTON	KANSAS	40	18	102	51	4500	M		7P		8		K. E. LINDGREN	8
OURAY	6203	OURAY	COLORADO	88	01	107	41	7720	M	6P	6P	2	9		CARL J. ABELN	2 3 4 5
OVIO	6225	SEDGWICK	PLATTE	40	57	102	22	3531	M		8A		8		GT. WESTERN SUGAR CO.	3
PAGOSA SPRINGS	6258	ARCHULETA	COLORADO	37	16	107	01	7108	M	5P	5P	28	29		U. S. FOREST SERVICE	2 3 5
PALISADE 1 MI. S	6266	MESA	COLORADO	39	07	108	21	4740	M	7P	7P	34	38		PUBLIC SERVICE CO.	2 3 5
PALISADE LAKE	6271	HINSDALE	COLORADO	37	30	107	10	7721	M		5P		2		WEST J. CARLIN	3
PAOLI	6299	PHILLIPS	PLATTE	40	38	102	28		M				8		OSCAR W. LOHN	3 4
PAONIA 3 MI. SE	6307	DELTA	COLORADO	38	51	107	34	6200	M	7A	7A	46	51		ERLE DE WOODY	2 3 5
PARADOX 2 MI. SE	6315	MONTROSE	COLORADO	38	22	108	57	5280	M	7P	7P	7	7		ALEX J. CAMPBELL	2 3 5
PARKER 9 MI. E	6326	ELBERT	PLATTE	39	31	104	38	6300	M	8S	8S	18	22		LOUIS D. RUGGLES	2 3 4 5
PEARL	6382	JACKSON	PLATTE	40	58	106	34	8500	M	6P	6P	16	24		BURR LOBDELL	2 3 5
PENROSE 3 MI. NNW	6410	FREMONT	ARKANSAS	38	27	105	04	5530	M		7P		25		BEAVER PARK CO.	3
PEVERLY RANCS	6438	ELBERT	ARKANSAS	39	00	103	44	5450	M		8A		8		ERNA T. HASS	3
PITKIN	6513	GUNNISON	COLORADO	38	36	106	32	9200	M		6P		39		ROBERT A. RAY	3
PLACERVILLE	6524	SAN MIGUEL	COLORADO	38	02	108	04	7282	M		6P		2		NORA L. RUFFE	3
PRITCHETT 5 MI. ESE	6705	BACA	ARKANSAS	37	19	102	43	4390	M		6P		5		N. W. HARBOUR	3
PUEBLO AP WHAS 3 MI. SW	6738	PUEBLO	ARKANSAS	38	14	104	38	4799	M	MID	MID	58	70		U. S. WEATHER BUREAU	2 3 4 5 8
PUEBLO CITY RESERVOIR	6743	PUEBLO	ARKANSAS	38	17	104	39	4687	M		7A		7		E. W. STONE	3
PUEBLO FIRE STA. NO. 2	6748	PUEBLO	ARKANSAS	38	16	104	36	4699	M		8A		4		CITY ENGINEER	3
PUEBLO FIRE STA. NO. 5	6753	PUEBLO	ARKANSAS	38	17	104	37	4801	M		8A		4		CITY ENGINEER	3
PYRAMID	6797	ROUTT	COLORADO	40	16	107	07		M		VAR		2		FERN E. WINTER	3
RABBIT EARS PASS	6811	ROUTT	COLORADO	40	23	106	40		M				8		CHESTER V. PIERCE	3 4
REDCLIFF	6917	EAGLE	COLORADO	39	31	106	22	8808	M	5P	5P	2	19		JOSEPH B. FEAR	2 3 4 5
RED FEATHER LAKES	6925	LARIMER	PLATTE	40	48	105	38	8363	M	5P	5P	8	8		T. E. DUNNING	3
RICO	7017	DOLORES	COLORADO	37	41	108	02	8824	M		6P		47		GEORGE E. HICKS	3
RIFLE	7031	GARFIELD	COLORADO	39	31	107	47	5500	M	MID	MID	34	34		R. W. RICHARDS	2 3 4 5
RIO GRANOE RESERVOIR	7050	HINSDALE	RIO GRANDE	37	43	107	16	9200	M				8		R. F. PALMER	8
ROCKY FORD 2 MI. ESE	7167	OTERO	ARKANSAS	38	02	103	42	4177	M	6P	6P	60	60		COLO. EXPERIMENT STA.	2 3 5
RUSS 2 MI. NNW	7287	EL PASO	ARKANSAS	38	52	104	05	5800	M		MID		32		R. S. RAPP	3
RYE	7315	PUEBLO	ARKANSAS	37	48	104	55	6790	M	6P	6P	4	5		J. W. YOST	2 3 5
SAGUACHE	7337	SAGUACHE	RIO GRANDE	38	05	106	08	7697	M	5P	5P	52	53		CLARENCE R. ICKES	2 3 4 5
SALIDA	7370	CHAFFEE	ARKANSAS	38	32	108	00	7050	M	4P	4P	41	42		CHAMBER OF COMMERCE	2 3 5
SAN LUIS	7428	COBTELLA	RIO GRANDE	37	12	105	27		M				8		JOSE A. OLIVAS	3 4
SAN LUIS LAKES 3 MI. W	7433	ALAMOSA	RIO GRANDE	37	39	105	48	7530	M	8A	8A	3	3		JOSEPH M. CROW	2 3 5 6
SANTA MARIA RESERVOIR	7450	MINERAL	RIO GRANDE	37	48	107	07	9300	M				8		CLARENCE H. SHOCK	8
SARGENTS 6 MI. W	7461	SAGUACHE	COLORADO	38	24	106	28	8125	M		8A		2		JOHN R. RICKS	3
SEDALIA 6 MI. S	7505	DOUGLAS	PLATTE	39	22	105	00	6167	M		8A		8		GEORGE B. MANHART	3
SEDGWICK	7513	SEDGWICK	PLATTE	40	56	102	31	3588	M	9A	9A	40	42		L. D. MUNSON	2 3 5
SBAW	7557	LINCOLN	KANSAS	39	33	103	21		M				6		ROBERT B. SMITH	3 4
SBOSSONE	7618	GARFIELD	COLORADO	39	34	107	14	5918	M		6P		39		PUBLIC SERVICE CO.	3
SILVER LAKE	7648	BOULDER	PLATTE	40	02	105	36	10200	M		5P		38		CITY ENGINEER	3
SIVERTON 2 MI. NE	7656	SAN JUAN	COLORADO	37	48	107	40	9415	M	5P	5P	42	42		WESTERN COLO. POWER CO	2 3 4 5
SIMLA	7664	ELBERT	ARKANSAS	39	09	104	05		M				6		U. S. SOIL CONSERV.	3 4
SPICER 4 MI. NE	7848	JACKSON	PLATTE	40	29	106	25	8300	M	8S	8S	35	38		IRKNE MCGOWAN	2 3 5
SPRINGFIELD	7862	BACA	ARKANSAS	37	24	102	36	4400	M		7A		44		8EN COOK	3
SPRINGFIELD 8 MI. S	7867	BACA	ARKANSAS	37	17	102	37	4500	M	8A	8A	1	1		U. S. SOIL CONSERV.	2 3 4 5
STATE TURKEY EXP FARM	7928	ARCHULETA	COLORADO	37	13	107	16	6900	M	8P	6P	4	4		MARTIN L. BURGET	2 3 5
STEAMBOAT SPRINGS	7936	ROUTT	COLORADO	40	30	106	50	6770	M	8S	8S	45	46		R. WAYNE LIGHT	2 3 5
STERLING	7950	LOGAN	PLATTE	40	37	103	12	3939	M	8A	8A	39	40		GT. WESTERN SUGAR CO.	2 3 5
STONINGTON 12 MI. SE	7992	BACA	ARKANSAS	37	18	102	04	4300	M		7A		8		ORLEN HARVEY	3
STRATTON	8008	KIT CARSON	KANSAS	39	18	102	35	4404	M	6P	6P	15	16		HARRY H. GREENWOOD	2 3 5
SUGARLOAF RESERVOIR	8064	LAKE	ARKANSAS	39	16	106	22	10000	M	6P	6P	2	2		FRANK DORRINGTON	2 3 5 6
SUMMITVILLE 1 MI. S	8092	RIO GRANDE	RIO GRANDE	37	26	106	36	11330	M	5P	5P	13	13		ROBERT L. JONES	2 3 4 5
SUNBEAM 7 MI. SW	8100	MOFFAT	COLORADO	40	30	108	16	5861	M	6P	6P	22	22		W. C. GROUNDON	2 3 5
TAYLOR PARK	8184	GUNNISON	COLORADO	38	49	106	38	9206	M	6P	6P	9	9		UNCOMPANRE VAL. W. U. A	2 3 5
TELLURIDE	8204	SAN MIGUEL	COLORADO	37	57	107	49	8756	M	4P	4P	41	40		WINNIFRED ELDER	2 3 4 5
TENNESSEE PASS	8212	LAKE	COLORADO	39	20	106	20	10245	M		8A		2		FRED G. REHLAN	3
TERCIO 5 MI. W	8220	LAS ANIMAS	ARKANSAS	37	04	105	03		M				6		ELIAS TERRES	3 4
TRINIDAD	8429	LAS ANIMAS	ARKANSAS	37	10	104	30	6300	M	7P	7P	46	53		FRONTIER POWER CO.	2 3 5
TRINIDAD AP CAA SOEHNE	8434	LAS ANIMAS	ARKANSAS	37	16	104	20	5739	M	MID	MIO	38	40		U. S. AIRWAY COM. STA.	2 3 4 5
TROUT LAKE	8454	SAN MIGUEL	COLORADO	37	50	107	53	9700	M		5P		35		WESTERN COLO. POWER CO	3
TROY 7 MI. SE	8468	LAS ANIMAS	ARKANSAS	37	05	103	12	5735	M		6P		8		CECIL SHANNON	3
TWO BUTTES	8510	BACA	ARKANSAS	37	33	102	28	4065	M	6P	6P	50	54		W. H. MYERS	2 3 5
UTLEYVILLE	8574	BACA	ARKANSAS	37	16	103	02	5000	M		8S		28		LOIS DOWELL	3
VALLECITO DAM	8582	LA PLATA	COLORADO	37	24	107	33	7650	M	5P	5P	6	11		BUR. OF RECLAMATION	2 3 5 6
VONA	8722	KIT CARSON	KANSAS	39	18	102	44	4500	M		6P		8		RAY L. FORD	3
WAGON WHEEL GAP 3 MI. N	8742	MINERAL	RIO GRANDE	37	46	106	49	8500	M	7A	7A	24	24		G. A. WINTZ	2 3 4 5 6
WALDEN	8756	JACKSON	PLATTE	40	44	106	16	8340	M	4P	4P	19	19		D. M. DONOHO	2 3 5
WALSBERG	8781	HUERFANO	ARKANSAS	37	38	104	47	6200	M	6P	6P	12	14		GEORGE W. THURSTON	2 3 4 5
WATERDALE	8839	LARIMER	PLATTE	40	25	105	12	5200	M	7P	8A	44	54		P. H. BOOTHROYD	2 3 5
WESTCLIFFE	8931	CUSTER	ARKANSAS	38	08	105	29	7880	M	7P	7P	45	46		M. O. RANKIN	2 3 5
WESTCREEK	8939	TELLER	PLATTE	39	08	105	05		M				7		U. S. FOREST SERVICE	3 4
WETMORE 5 MI. S	8986	CUSTER	ARKANSAS	38	10	105	05	5300	M	6P	6P	2	2		RAY G. ANDIS	2 3 5
WHITE ROCK	8997	PUEBLO	ARKANSAS	37	51	104	07		M				9		WINTHROP B. DAVIS	3 4
WILCOX RANCH 4 MI. SE	9045	DELTA	COLORADO	38	55	107	32	7250	M				7		WILLIAM E. WILCOX	3 4
WILLOW CREEK 4 MI. SE	9103	ROUTT	COLORADO	40	18	107	16	7250	M		VAR		17		W. E. TUTT	3
WINDSOR	9147	WELD	PLATTE	40	29	104	51	4791	M		8A		8		GT. WESTERN SUGAR CO.	3
WINTER PARK	9175	GRAND	COLORADO	39	54	105	46	9058	M		8A		9		H. L. MCPETERS	3
WOLF CREEK PASS 4 MI. W	9183	MINERAL	COLORADO	37	29	106	52	9425	M	5P	5P	11	11		ETHEL RUDMAN	2 3 5
WOODLAND PARK 8 N	9210	TELLER	PLATTE	39	06	105	05		M				7		U. S. FOREST SERVICE	3 4

# STATION INDEX - Continued

COLORADO  
OCTOBER 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. / LONG.		ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
WRAY	9243	YUMA	KANSAS	40 04	102 13	3512	M	6P	6P	50	51		J. M. F. WHISSEN	2 3 5
YAMPA	9265	ROUTT	COLORADO	40 09	106 54	7890	M		5P		2		CHARLES R. SIMMON	3
YUMA	9295	YUMA	KANSAS	40 08	102 44	4128	M	6P	6P	9	59		MUNIC. POWER&LIGHT CO.	2 3 5

### REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a State basis. There will be no duplication of numbers within a state.

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

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

When hourly precipitation is accumulated over a period of three or more calendar days, with unknown hourly or daily distribution, the first and last days are shown in Table 4.

When hourly precipitation is missing for several days, only the first and last days are shown in Table 4.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, river stages in feet, and wind movement in miles.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- No record.
- + And also on later dates.
- \* Amount included in following measurement, time distribution unknown.
- // Gage is equipped with wind shield.
- 6 Precipitation measured at 6-hourly intervals, no recording gage.
- B Adjusted to a full month.
- m One or more days of record missing. See Table 5 for detailed daily record.
- r Station equipped with recording gage only. All amounts in Table 3 are for the non-recording gages, except for stations with this reference.
- S Storage precipitation station. Precipitation measurements, made at irregular intervals, will be published in the June issue of this publication.
- T Trace, an amount too small to measure.
- z Hourly amounts from recording gage at the same site may be found in Table 4.
- SS This entry in time of observation column in Station Index means observation made near sunset.

Table 4 data formerly published in Missouri River, Upper Mississippi, Lower Mississippi West Gulf, and South Pacific Hydrologic Bulletins. Amounts in this table are from recording gages. Traces are not shown.

Subscription Price: 15¢ per copy; \$1.50 a year. (Yearly subscription includes Annual Summary). Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, 811 Fidelity Building, Kansas City, Missouri.

W. B. O. --- Washington, D. C. --- 1-19-49 --- 1500

U. S. DEPARTMENT OF COMMERCE  
CHARLES SAWYER, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

COLORADO

NOVEMBER 1948

Volume LIII No. 11



E. B. Gittings, Section Director - Denver

GENERAL SUMMARY

Temperatures were somewhat above normal over most of the State from the 1st to the 3rd. During the following 10 days much colder weather prevailed with the greatest deficiencies occurring on the 8th. It was warmer near mid-month and on the 24th over the eastern slope. West of the Continental Divide temperatures were subnormal except for the first few days of the month. The minima at practically all stations occurred on the 28th. Maxima were recorded in the Arkansas River Valley on the 14th and 15th; the Colorado River Valley on the 1st and 2nd; the Platte River Basin on the 1st and 2nd, 14th-15th, and 21st; the Rio Grande River Basin on the 2nd and 3rd, 17th to 21st, while the highest temperatures occurred on the 14th, 15th and 21st in the Kansas River Valley. The month was unusually cold with only four previous Novembers with a lower mean temperature.

Precipitation was only slightly below normal. There were three principal periods with precipitation; the first prevailing over the north and west sections from the 2nd to the 5th, the second and heaviest occurring near mid-month covering the entire State, and the third which was also quite general prevailed during the last decade. Snow on the ground at the end of the month in the higher elevations was somewhat below the seasonal average.

From the 17th to the 20th a severe wind and snow storm prevailed over the extreme northeast and extreme east central counties. Snowfall was light ranging up to 8 inches, but winds were unusually high reaching gale proportions in many areas, which produced huge snow drifts and resulted in halting all transportation, stranding many travelers, and in losses exceeding \$250,000 to property and livestock.

Winter grains were benefited somewhat by snow cover although many fields were swept bare in the severe storm area. Livestock generally was fair to good, considerable shrinkage occurred and heavy feeding was necessary.

TEMPERATURE

The monthly means for the State, taken from the records of 117 stations was 30.6 degrees, which was 4.5 degrees below the average for the past 61 years. The highest monthly mean was 42.0 degrees; and the lowest 17.1 degrees. The highest temperature, 83 degrees, occurred at Las Animas on the 15th. The lowest temperature, -25 degrees occurred at Fraser and Taylor Park on the 28th.

PRECIPITATION

The average for the State taken from the records of 117 stations, was 0.71 inch, which was 0.08 inch below the average for the past 61 years. The greatest monthly amount, 3.28 inches, occurred at Steamboat Springs and the least, a trace, was recorded at Ignacio, Fort Morgan and Manassa. The greatest amount in 24 consecutive hours was 1.14 inches at Eversoll Ranch, Baca County, on the 1st.

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ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

COLORADO  
NOVEMBER 1948

STATIONS	SEA LEVEL PRESSURE EXTREMES - INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN- SHINE	DEGREE DAYS 65° BASE
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	PERCENT OF POSSIBLE	
Denver WB City	30.53a	27	29.33a	3	8.4	34	N	18	55a	55a	35a	41a	68	787
Grand Junction WB Airpt	30.81	28	29.52	3	6.4	36	NW	4	76	79	59	61	50	973
Pueblo WB Airport	30.61	28	29.30	4	8.9	40	NW	24	52	57	30	34	61	831

a - airport data

TABLE 1  
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION			YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE		MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1888	31.6	77	- 7	1.05			1923	35.5	78	- 14	0.66	5.0	2
1889	30.0	70	- 22	1.01			1924	36.6	87	- 22	0.49	7.0	3
1890	39.0	88	- 20	0.43			1925	32.7	78	- 21	0.94	9.8	4
1891	35.2	84	- 12	0.63			1926	35.4	78	- 15	0.96	10.2	5
1892	35.3	83	- 20	0.51			1927	38.9	90	- 18	0.99	10.5	5
1893	34.0	82	- 21	0.78			1928	34.1	77	- 24	1.73	19.5	6
1894	39.5	85	- 9	0.28			1929	27.7	77	- 28	0.86	11.4	5
1895	32.9	80	- 20	1.04			1930	33.0	82	- 24	1.40	15.4	4
1896	31.2	83	- 25	0.69	6.2	3	1931	32.5	89	- 41	1.40	16.7	6
1897	37.3	84	- 7	0.53	4.0	3	1932	37.3	90	- 18	0.25	3.2	2
1898	30.9	85	- 20	0.94	12.0	5	1933	39.1	89	- 9	0.54	4.3	3
1899	39.0	78	- 11	0.80	4.2	3	1934	38.0	90	- 17	0.83	8.2	6
1900	37.9	85	- 8	0.44	4.3	3	1935	33.8	91	- 12	0.47	5.6	3
1901	39.8	88	- 3	0.21	2.1	2	1936	35.7	83	- 22	0.33	3.8	2
1902	36.0	82	- 20	0.69	5.1	4	1937	36.5	82	- 18	0.64	5.7	4
1903	37.2	83	- 17	0.29	3.6	2	1938	30.5	87	- 27	0.93	10.0	5
1904	37.2	77	- 11	0.04	0.5	1	1939	37.7	79	- 7	0.26	1.5	2
1905	37.2	82	- 27	0.82	4.1	3	1940	32.1	81	- 24	1.02	11.0	6
1906	34.4	79	- 28	1.11	8.7	5	1941	36.9	85	- 22	0.42	3.6	3
1907	33.4	79	- 14	0.37	3.4	2	1942	37.6	82	- 15	0.55	6.3	4
1908	32.6	83	- 24	1.19	12.8	5	1943	36.0	85	- 17	0.48	4.7	3
1909	36.4	85	- 23	1.57	18.0	6	1944	35.5	84	- 18	1.13	6.4	5
1910	39.0	88	- 7	0.75	6.0	6	1945	35.3	86	- 22	0.48	5.5	3
1911	30.2	78	- 33	1.06	13.0	6	1946	31.2	79	- 16	2.39	26.5	7
1912	35.5	82	- 18	0.49	3.8	3	1947	30.5	76	- 21	0.72	9.5	5
1913	38.4	80	- 12	0.95	6.2	5	1948	30.6	83	- 25	0.71	7.7	5
1914	39.0	89	- 7	0.10	1.1	1	Period	35.0	93	- 41	0.79	8.2	4
1915	36.0	93	- 30	0.99	8.9	5							
1916	31.8	88	- 34	0.65	9.5	4							
1917	39.6	84	- 10	0.37	4.8	3							
1918	30.8	89	- 25	1.10	15.3	6							
1919	31.8	82	- 20	1.88	22.0	6							
1920	32.4	78	- 24	0.64	5.9	4							
1921	37.8	83	- 17	0.59	5.7	2							
1922	32.6	78	- 23	1.68	17.5	5							

See reference notes following Station Index

CLIMATOLOGICAL DATA

COLORADO  
NOVEMBER 194

Table 2

Station	Temperature							Precipitation										
	Average	Departure from Normal	Highest	Date	Lowest	Date	No. of Days		Total	Departure from Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
							Max. 90° or above	Min. 32° or below					Total	Max. Depth on Ground	Date	.01 or more	.25 or more	1.00 or more
<b>ARKANSAS DRAINAGE BASIN</b>																		
Canon City	42.0	-1.9	72	13	10	28	18	.11	-.48	.11	8	1.0	1	8	1			
Colorado Springs WB Airport	34.1		70	15	1	28	27	.02		.02	20	.4	T	7+	1			
Cripple Creek	27.2	-4.3	54	1+	0	9	30	.42	-.08	.17	8			6				
Eads	37.4	-2.4	75	15	6	28	28	.32	-.12	.16	21			3				
Eversoll Ranch	42.1 m							1.34		1.14	1	2.0	2	18	2	1	1	
Florence	41.9	-.8	75	4	5	28	21	.20	-.23	.20	8	2.5	2	8	1			
Holly	36.2 m							.50		.31	18	4.5	4	18	2	1		
John Martin Dam	37.9		77	15	11	28	25	.08		.03	21+	1.0		3				
Kit Carson	34.1	-5.1	74	15	0	28	29	.68	.36	.40	18	6.0		3		1		
Lake Moraine	23.2	-5.1	50	13	-13	28	30	.50	-.33	.12	27	11.0	3	8+	7			
Lamar	37.1	-4.5	79	15	4	19	27	.29	-.22	.10	18	2.0	1	18+	4			
Lae Animas 1 N	35.2	-5.1	83	15	1	28	28	.06	-.34	.03	1+	.1		2				
Leadville	19.3	-7.7	54	14	-10	28	30	1.10	-.16	.29	8	6	10+	14	1			
Limon 5 SW	33.3	-3.8	71	15	3	28	29	.59	.02	.22	18	5.5	5	21+	4			
Limon	30.9		73	14	0	28	30	.35		.13	17+	4.2	4	18	7			
Monument 2 W	34.4	-1.8	66	3+	-1	28	25	.71	-.16	.27	8	15.5	5	8	7	1		
Pueblo WB Airport	37.4	-.9	73	2	2	28	27	.01	-.35	.01	8	.8	T	8+	1			
Rocky Ford 2 ESE	38.0	-1.8	75	15	2	28	28	.08	-.38	.04	23	T		3				
Rye	35.5		68	2+	0	28	27	.38		.23	27	4.5		3				
Salida	32.4	-4.9	64	2+	0	9	29	.34	-.29	.22	8	4.2	2	8	4			
Springfield 8 S	38.3		76	16	9	28	23	1.09		.68	1	4.1	2	18	3	2		
Sugarloaf Reservoir	17.1		48	2	-17	28	30	1.42		.35	24	17.5		7	2			
Trinidad	37.3	-4.5	73	2	0	28	27	.77	-.04	.23	4	6.0	2	21+	8			
Trinidad AP CAA Hoehn	35.0	-6.5	71	15	0	28	28	.31	-.25	.16	4	3.1	1	4	5			
Two Buttes	38.5	-3.7	78	15	9	28	25	.33	-.14	.33	17	5.0	5	17	1	1		
Waleenburg	36.0	-6.1	64	2	3	28	22	.20	-.52	.13	8	3.0		2				
Weetcliffe	27.9 m	-4.9						.15	-.73	.15	8	3.5	2	8+	1			
<b>DIVISION</b>																		
	34.1							.46										
<b>COLORADO DRAINAGE BASIN</b>																		
Aepon	25.2	-4.9	57	1	-9	28	30	2.21	.91	.55	17	24.6	9	27+	14	2		
Cedaredge	30.8	-7.2	60	1+	1	28	28	.63	-.03	.14	11	8.2	3	11	8			
Cochetopa Creek	18.7		62	1	-22	28	30	1.05		.37	4	9.9	6	24+	8	2		
Colbran	27.7	-7.3	59	1	1	22+	30	1.50	.47	.46	20	9.0		5	3			
Colorado National Monument	30.4 m							.79		.30	20	10.2	4	20	6	1		
Cortez	33.2	-2.7	61	2	6	28	30	.10	-.92	.10	17	.5	T	4+	1			
Craig	26.9	-4.1	62	1	-17	28	30	1.40	.65	.19	20	13.5	7	26	17			
Crested Butte	17.4	-7.3	53	1	-20	28	30	1.88	-.02	.58	4	25.6	12	26+	8	3		
Delta	32.7	-5.0	65	1	3	28	29	.58	.07	.30	11	6.4	1	11	5	1		
Dillon	19.6	-4.4	52	2	-23	28	30	2.09	.96	.22	8	27.0		16				
Durango	31.3	-5.2	64	2	0	28	30	.03	-1.18	.03	3	T		1				
Eagle CAA	25.3	-7.0	61	1	-15	28	30	.97	.45	.28	11	9.8	4	11	10	1		
Fort Lewis	27.8	-5.7	56	2+	0	28	30	.15	-.89	.13	4	.5		2				
Frazer	18.8	-3.9	52	1	-25	28	30	1.21	.04	.21	4		11	25	19			
Fruita 1 S	33.1	-4.8	65	1+	4	29+	27	.43	-.26	.22	20	8.0	4	20	4			
Glenwood Springs 3 S	29.2	-6.8	62	1	-6	28	30	1.18	.11	.35	20	T		8	2			
Grand Junction WB Airport	32.5	-6.8	62	1	9	28	27	.70	.13	.17	3	7.2	3	20	8			
Grand Lake	21.8		54	1	0	22	30	1.75	.98	.34	17			17	1			
Grand Lake 4 SSW	19.0		50	1	-17	28	30	1.85		.33	17	26.8	16	24	17	1		
Green Mountain Dam	24.6	-3.8	58	1	-10	28	30	1.83	.87	.50	8	16.8	10	26+	11	3		
Gunnison	20.4	-7.3	49	1+	-21	28	30	.75	.23	.28	11	8.9	6	11	5	1		
Hayden	25.7	-5.7	59	1	-14	28	30	2.05	1.09	.32	17	7.0	3	20+	13	4		
Ignacio 1 N	31.1	-4.2	68	1	1	28	30	T	-.91		1+	T	T	1+				
Kremmling	22.3		56	1	-19	28	30	.76				T						
Little Hille	26.4		62	1	-17	28	30	.89		.27	20	9.5	6	27	9	1		
Meeker	27.7	-5.7	62	1	-12	28	30	1.54	.44	.45	4	11.1	7	26+	12	3		
Mesa Verde Natl Park	34.2	-5.1	61	2	9	28	26	.25	-.84	.14	20	1.8	1	20	4			
Montrose No 2	31.8	-5.0	63	2	2	28	29	.59	.03	.20	11	2.9	T	20+	8			
Northdale	30.1	-2.9	61	1	5	29	30	.32	-.62	.18	4	1.8	T	11+	2			
Norwood	28.7 m	-5.4					24	.71	-.17	.23	11	5.5	3	11	6			
Oil Shale Mine	25.0		52	1	4	29	28	1.56		.36	20	25.3	8	27	11	1		
Ouray	29.3		62	2	0	19	29	1.76		.40	4	45.0	12	25+	12	2		
Pagosa Springs	26.2	-5.1	55	2+	-7	8	30	.09	-1.46	.05	17	.3		3				
Palisade 1 S	35.8	-5.5	63	1	11	28	26	.68	-.05	.23	11	4.8	2	20	5			
Paonia 3 SE	30.9	-7.7	60	1+	2	28	30	1.47	.36	.40	10	14.9	4	10	8	4	1	
Redcliff	20.7		52	1+	-20	28	29	1.64	.19	.87	17			3	2			
Rifle	29.2	-7.5	62	1	-3	28	30	.79	.01			8.0	3	11	8	1		
Sapinero 8 E	20.9		57	1	-20	28	30	.82		.31	4	4.0		5	1			
Silverton 2 NE	22.0	-4.4	56	2	-8	28	30	.96	-.32	.24	4	18.0	8	27	8			
State Turkey Exp Farm	30.9		63	14	-3	28	30	.01		.01	8	T	T	8+	1			
Steamboat Springs	23.3	-5.3	56	1	-17	28	30	3.28	1.62	.70	3	38.1	15	25+	15	6		
Sunbeam 7 SW	26.0	-5.2	57	1	-16	28	30	.28	-.45	.08	7	4.9	2	20+	8			
Taylor Park	17.7		48	1	-25	28	30	1.55		.40	11	24.0	10	11	8	3		
Telluride	25.0	-5.4	55	11	-10	28	30	1.52	.11	.27	25	19.2	7	25+	11	2		
Vallecito Dam	30.2	-4.1	60	14	2	28	30	.06	-1.15	.06	4	T	T	17	1			
Wolf Creek Pass 4 W	24.5	-4.6	53	1+	-1	19	30	.66	-2.36	.39	17	10.0		3	1			
<b>DIVISION</b>																		
	26.6							1.03										
<b>KANSAS DRAINAGE BASIN</b>																		
Akron AP CAA	33.4	-3.5	71	14	5	28	27	.30	-.28	.07	17	8.8	6	18	8			
Arriba	34.4	-3.6	73	15	3	28	29	.80	.28	.61	18	7.9	6	18+	4	1		
Burlington	35.5 m	-4.4						.65	-.13	.40	18	4.0		3	1			
Cheyenne Welle	35.8	-4.0	73	15	6	28	29	.20	-.26	.20	18	3.0		1				
Holyoke	34.0	-3.3	72	2+	7	22	29	1.40	1.00	.83	18	10.0	10	20+	4	2		

See reference notes following Station Index.



# CLIMATOLOGICAL DATA

COLORADO  
NOVEMBER 1948

ble 2--Continued

Station	Temperature								Precipitation									
	Average	Departure from Normal	Highest	Date	Lowest	Date	No. of Days		Total	Departure from Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
							Max. 90° or above	Min. 32° or below					Total	Max Depth on Ground	Date	01 or more	25 or more	100 or more
Stratton	35.9	-3.8	77	15	7	28		28	.53	-.16	.24	21	6.9	5	21	3		
Ray	35.8	-3.4	75		6	20		29	.59	-.12	.26	18	7.0	6	21	5	1	
Uma	33.3		73	14	2	28		30	.76	-.31	.38	18	9.2	4	18+	6	1	
DIVISION	34.7								.65									
PLATTE DRAINAGE BASIN																		
Ilene Park	25.6		50	1+	3	8		28	1.58		.46	7	20.0	12	8	6	3	
Illey	30.8		64	1	3	26		30	.47		.19	8	6.7	2	8	5		
Older	39.9	-1.5	70	14	12	26		29	.98	-.15	.59	11	13.1	6	11	4	2	
Yere	36.3	-1.8							.36	-.16	.15	8	.5			4		
Heesman	34.1	-3.7	67	1	0	19		29	.42	-.17	.21	8	7.6	3	11	3		
Denver WB Airport	36.4	-1.4	71	14	11	27+		26	.65	-.01	.21	7	6.7	2	8+	7		
Denver WB City	38.7	-1.1	73	14	15	19+		19	.63	-.08	.19	20	9.3	10	20	7		
Edgewater	38.9	-.5	74	14	9	30		27	.76	-.06	.29	21	5.4			6	2	
Estes Park 1 N	33.9	.3	72	1	5	22+		29	1.01	-.03	.74	7	12.2			5	1	
Fort Collins	35.2	-.9	66	2+	7	28		28	.38	-.11	.20	11	7.5	4	8+	4		
Fort Lupton 5 E	37.2	.1	73	14	8	28		26	.46	-.04	.25	21	3.6	1	8	4	1	
Fort Morgan 1 N	34.8	-1.1	71	15	2	28		30	T	-.36	T	8+	T					
Freely	34.1	-2.0	72	15	2	28		30	.26	-.13	.16	11	4.8	3	11	3		
Prover 10 W	36.0	-.4	72	15	12	28+		28	.24	-.09	.12	11+	4.0			2		
Salado Springs	29.8	-4.7	60	1	2	27		29	.36	-.22	.19	8	5.8	3	8+	5		
Salisbury	36.1	-.9	74	15	8	22		28	1.71	1.28	.82	18	8.6	5	20+	7	3	
Sessler	39.1	-2.3	74	2	10	28		25	.58	-.32	.25	8	9.4	3	8	6	1	
Stuffman 4 SSE	33.0	-3.0	72	15	2	28		30	.26	-.04	.15	17	4.6	2	18	4		
Stromont 2 SSE	36.8	.2	72	14	5	28		29	.19	-.35	.17	11	3.0	3	11	2		
Parker 9 E	33.1	-2.3	68	2+	0	28		30	.35	-.43	.16	21	7.5	3	21+	3		
Red Feather Lakes	21.6		50	1+	-3	9		30	2.10		1.00	7	21.0			8	2	1
Sterling	34.1	-2.6	70	15	4	28		29	.30	-.17	.13	21	9.0			4		
Walden	21.8	-6.2	53	1	-11	19		30	.60	.16	.20	23	6.8	5	23+	7		
Waterdale	35.6	-2.3	65	3	5	28		29	.44	-.10	.25	11	6.6	4	11	2	1	
DIVISION	33.9								.63									
RIO GRANDE DRAINAGE BASIN																		
Alamosa	26.5	-3.9	62	2+	-10	27		30	.75	.58	.75	20				1	1	
Alamosa WB Airport	24.7		61	2	-11	28		30	.24		.10	21	2.9	1	20	4		
Center	24.5		56	3	0	26+		30	.06		.06	20	T	T	20	1		
Conejos 3 NNW	26.7		57	2+	-6	28		30	.31		.25	2		T	1+	3	1	
Cumbres	19.6		51	17	-11	28		30	.70	-1.69	.20	4	19.0	11	27+	9		
Hermit 9 SE	23.0	-2.4	52	7	-8	19		30	.10	-.89	.10	25	1.0	3	1	1		
Jaroso	28.8		61	2	0	22+		30	.27	-.04	.24	4				2		
Manassa	27.0	-5.2	59	2+	0	27+		30	T	-.28	T	4+	T	T	4+			
Monte Vieta	26.2	-3.8	60	3	-6	28		30	.06	-.18	.03	1	.4	T	9+	3		
Saguache	29.1	-3.8	67	2	-2	28		30	.03	-.27	.03	8	.5			1		
San Luis Lakes 3 W	27.7		61	3	0	21+		30	.16		.10	1				5		
Wagon Wheel Gap 3 N	21.2	-4.9	52	17	-9	28		29	.05	-.89	.05	2	1.0	5	2	1		
DIVISION	25.4								.23									
STATE	30.6	-4.5							.71	-.08								



















# HOURLY PRECIPITATION

COLORADO  
NOVEMBER 1944

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total								
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12									
Cripple Creek 9 NW	.01	.01														.01	.02	.01						.04									
Eagle CAA												.02												.02									
Elk Creek		.01	.01	.01	.01	.01																		.07									
Grand Lake 4 SSW		.02	.03	.01																				.04									
Great Divide	/									.01														.01									
Greenland No. 25 8 SE																								.04									
Gunnison	.02	.01																						.03									
Meeker	.01				.01																			.02									
Monument 2 W									.01	.04	.03													.08									
Mule Shoe Lodge							.01	.03	.03	.03	.01	.04	.02	.01	.02	.01	.02	.02	.01	.01	.04	.02		.33									
Ouray	.09	.02	.02	.01	.02		.01	.01																.19									
Silverton 2 NE		.01										.01	.01			.01								.01									
Telluride	/																							.03									
Tercio 5 W	/															.01	.02	.01						.04									
Trinidad AD CAA Hoehne	/																							.01									
Wilcox Ranch 4 SE	/	*	*	*	*	*	*	*	*		.06													.12									
												-28th-																					
Elk Creek			.01																					.01									
Kremmling	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.66									
Aspen	/																					.01	.01	.02									
Atkinson Ranch	/																																
Rabbit Ears Pass	/																																

## TABLE 6 DAILY EVAPORATION (INCHES) AND WIND MOVEMENT (MILES)

STATION		DAY OF MONTH																															TOTAL	DEPART URE FROM NORMA
		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		
Grané Junction WB Apt.	EVAP	.102	.096		.074	.072		.115	.064	.070																								
	WIND	62	72		241	52		120	66	55	51																							
John Martin Dam	EVAP	.056	.075	.131	.250	.160	.134	.209	.100	.146	.028				.228	.139	.231	.139		.244			.031	.042	.016					.241	.044	2.644		
	WIND	57	20	99	266	338	82	92	194	175	51	82	20	38	73	50	129	71	450	301	39	80	62	151	34	23	60	170	160	70	50	3487		
Pueblo City Reservoir	EVAP	.180	.096	.300	.132	.228	.264	.156	.180	.120	.240	.024	.048	.192	.096	.240	.480	.144	.336	.180	.132	.048	.168	.024	.204	.096	.072	.120	.156	.220	.40	.228	4.884	
	WIND	50	50	80	90	210	290	70	200	70	170	70	70	100	180	70	210	130	400	260	30	60	100	30	70	260	60	80	220	40	110	3840		

### REFERENCE NOTES

The four digit identification numbers in the Index number column of the Station Index are assigned on a state basis. There will be no duplication of number within a state.

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

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- No record.
- + And also on later dates.
- \* Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- 6 Precipitation measured at 6-hourly intervals, no recording gage.
- B Adjusted to a full month.
- E 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; see Table 5 for detailed daily record.
- R Station equipped with recording gage only. All amounts in Table 3 are for non-recording gages, except for stations with this reference.
- S Storage precipitation station. Precipitation measurements, made at irregular intervals, will be published in the June issue of this publication.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- Z Hourly amounts from recording gage at the same site may be found in Table 4.
- SS This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 15¢ per copy; \$1.50 a year. (Yearly subscription includes Annual Summary). Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, 811 Fidelity Building, Kansas City, Missouri.

W. B. O. --- Washington, D. C. --- 2-18-49 --- 1500















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# CLIMATOLOGICAL DATA

COLORADO

DECEMBER 1948

Volume LIII No. 12



E. B. Gittings, Section Director - Denver

GENERAL SUMMARY

The monthly mean temperature for the State was 26.1°, or slightly above normal. The month opened cool, and temperatures were mostly below normal over the western portion until the 10th, while the eastern slope showed excesses from the 2d to the 5th, followed by cooler weather until the 9th. The second decade averaged near normal in the northeast portion while considerably warmer weather prevailed in the south and west sections. The third decade averaged somewhat below normal throughout the State, with the greatest deficiencies from the 23d to the 25th. The monthly maxima occurred at most stations on the 13th, and the minima on the 25th.

Precipitation for the first time in six months was somewhat above normal. During the first part of the month, moisture was light and widely scattered with somewhat heavier amounts reported west of the Continental Divide. The principal periods of precipitation, which were quite general over the State, occurred from the 21st to the 24th, and on the 27-28th. Heavy fogs were general over the Platte and Kansas River Basins on the 14th, and at scattered points on the 15th, 18th, 20th, and 23-24th; in Baca County on the 23d, and in Mesa County on the 27-28th. Thunderstorms occurred in Montezuma County on the 27-28th. Hail was reported at Greeley and Holyoke on the 14th, and glaze and or sleet at scattered stations on the 15th and 23d.

Strong winds prevailed over the entire State throughout the month, resulting in drifting snow and dust-storms on the 4th in Pueblo and Crowley Counties, on the 20th in Sedgwick County, and on the 28th in Baca County.

Due to the accumulated deficiency in precipitation, ranges and pastures were unusually dry and feeding of livestock was necessary in all sections. The outlook for winter grains was only fair, due to lack of moisture and blowing soil. Moderate precipitation occurring near the close of the month was beneficial to grains, ranges, water storage, and winter sports activities.

TEMPERATURE

The monthly mean temperature for the State, taken from the records of 124 stations, was 26.1°, which was 0.2° above the average for the past 61 years. The highest monthly mean was 38.2° at Eversoll Ranch, Baca County, and the lowest, 9.9°, at Taylor Park, Gunnison County. The highest temperature, 80°, occurred at Eversoll Ranch on the 13th, and the lowest, -39°, was recorded at Kremmling and Taylor Park on the 25th.

PRECIPITATION

The average precipitation for the State, taken from the records of 124 stations was 1.11 inches, which was 0.22 inch above the average for 61 years. The greatest monthly amount, 6.06 inches, occurred at Wolf Creek Pass. The lowest, a trace, was reported at Eads, La Junta, Las Animas, and Springfield (near). The greatest amount in 24 consecutive hours was 2.22 inches at Wolf Creek Pass on the 23d.

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ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

# PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

COLORADO  
DECEMBER 1948

Station	Sea level pressure extremes—inches				Wind speed—m. p. h.				Relative humidity averages percent				Sunshine	
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	1 30 a. F. T.	7 30 a. E. S. T.	1 30 p. E. S. T.	7 30 a. E. S. T.	Percent of possible	Degree days 65° base
Denver WB City	30.66a	30	29.17a	4	7.5	30	W	20	60a	61a	40a	47a	66	1011
Grand Junction WB Airport	30.72	30	29.51	4	6.5	35	SW	14	71	77	64	63	49	1134
Pueblo WB Airport	30.72	25	29.38	4	9.0	43	SW	4	56	65	36	40	54	1015

a--airport data

## COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1888	27.4	68	-16	0.32			1913	19.3	68	-36	2.73	30.8	8	1938	27.3	72	-31	0.89	11.9	5
1889	35.4	70	-24	0.94			1914	19.8	68	-27	0.78	10.5	5	1939	32.3	83	-31	0.46	6.4	4
1890	32.2	87	-21	0.42			1915	26.7	76	-33	1.22	16.8	6	1940	28.4	75	-33	1.09	14.2	5
1891	23.6	72	-26	1.85			1916	20.8	78	-37	1.28	17.7	8	1941	28.5	84	-26	0.87	12.8	6
1892	24.0	78	-25	1.16			1917	30.7	82	-15	0.45	6.1	3	1942	28.8	74	-31	0.88	10.0	4
1893	30.6	73	-18	0.96			1918	23.8	73	-36	1.26	15.4	8	1943	26.8	65	-25	0.77	9.8	4
1894	27.4	78	-30	1.24			1919	23.4	72	-46	0.83	10.5	4	1944	26.1	70	-31	0.79	9.9	4
1895	23.7	73	-35	0.75			1920	24.4	71	-38	0.89	6.2	4	1945	23.4	75	-37	0.67	8.9	4
1896	30.9	74	-20	0.62	5.8	3	1921	30.9	78	-31	1.50	16.0	5	1946	31.4	78	-40	0.40	4.1	2
1897	23.2	74	-33	0.90	9.3	5	1922	28.0	75	-36	1.26	17.2	5	1947	25.5	73	-31	0.89	11.4	5
1898	19.6	68	-36	0.84	11.8	4	1923	25.5	81	-32	1.06	14.7	5	1948	26.1	80	-39	1.11	6.5	6
1899	25.0	68	-42	0.90	12.9	5	1924	19.3	73	-50	1.72	23.7	8	PERIOD	25.9	87	-50	0.89	10.7	5
1900	29.3	78	-32	0.32	4.2	2	1925	26.7	72	-31	0.89	12.0	5							
1901	27.8	81	-31	0.84	11.4	6	1926	23.5	75	-41	1.09	12.5	5							
1902	25.5	75	-35	0.97	13.1	5	1927	20.4	73	-41	1.02	14.7	6							
1903	28.3	76	-26	0.23	4.2	2	1928	23.1	82	-31	0.40	5.4	3							
1904	26.9	79	-33	0.35	7.9	4	1929	28.6	75	-28	0.26	4.3	2							
1905	22.3	68	-46	0.20	3.1	2	1930	22.4	66	-37	0.28	4.5	2							
1906	32.0	76	-32	0.69	5.1	4	1931	23.8	78	-40	0.58	8.2	3							
1907	25.9	70	-32	1.02	12.0	5	1932	18.6	79	-47	0.84	12.9	6							
1908	22.9	77	-38	1.31	10.2	4	1933	33.3	75	-24	1.17	11.1	4							
1909	16.1	78	-44	1.70	20.9	8	1934	28.9	79	-24	0.60	7.0	4							
1910	28.6	85	-27	0.98	12.2	5	1935	27.6	77	-25	0.36	4.8	3							
1911	19.7	68	-35	0.77	10.9	5	1936	28.6	72	-23	0.92	11.9	5							
1912	21.6	70	-34	0.56	8.4	4	1937	27.8	76	-22	1.11	11.6	6							

## TABLE 6 DAILY EVAPORATION (INCHES) AND WIND MOVEMENT (MILES)

STATION		DAY OF MONTH																															TOTAL	DEPART- URE FROM NORMAL
		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		
Montrose No. 1	EVAP	.036	.040	.036	.055	.055	.029	.054	.007	.059	.045	.021	.011	.117	.084	.039	.030	.044	.038	.043	.025	.058	.060	.029	.014	.044	.033	.037	.046	.043	.017	.030	1.276	
	WIND	14	10	10	62	12	10	20	8	19	7	12	6	29	54	45	2	16	8	1	1	14	10	11	9	6	1	22	13	4	11	445		
Pueblo City Reservoir	EVAP	.120	.218	.072	.218	.384	.132	.180	.144	.024	.324	.060	.120	.048	.120	.156	.144	.132	.096	.156	.216	.024	.090	.090	.090	.044	.060	.040	.130	.120	.096	.264	3.744	
	WIND	50	80	120	90	400	250	130	140	130	50	230	180	80	40	80	120	50	100	170	190	150	70	70	80	70	60	40	130	210	50	130	740	

## CLIMATOLOGICAL DATA

COLORADO  
DECEMBER 1948

Table 2

Station	Temperature						Precipitation											
	Average	Departure from Normal	Highest	Date	Lowest	Date	No. of Days		Total	Departure from Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
							Max. 90° or above	Min. 32° or below					Total	Max. Depth on Ground	Date	.01 or more	.25 or more	1.00 or more
<b>Arkansas Drainage Basin</b>																		
Buena Vista 2 S	23.5		58	1	- 8	28+	31	1.60	1.23	1.40	23	9.0	9	23	2	1	1	
Canon City	37.0	-.3	68	13	- 5	25	24	.70		.40	24	10.0	10	24	2	2		
Colorado Springs WB Airport	30.0		64	3+		25	29	.29		.23	23	3.5	2	24+	2			
Cripple Creek	24.5	-.4	49	3	- 4	7	31	.19	-.38	.11	24	4.0	4	24	4			
Eads	32.4	2.8	75	13	3	25	30	T	.28		23+	T						
Eversoll Ranch	38.2m		80	13	13	16	27	.05		.05	24	T	T	24	1			
Florence	36.2	-.5	68	14	- 4	25	26	.38	-.13	.38	24	4.0	4	24	1	1		
Holly	32.7		78	13	7	16+	31	.20		.20	23	T			1			
John Martin Dam	33.4		71	13	7	25	30	.05		.04	4	.6	T	4+	2			
Kit Carson	29.2	-3.8	72	13	2	25	31	.05	-.35	.05	22	.5	T	22	1			
La Junta AP CAA	34.2		74	13	3	25		T	-.58		4+	T	T	6+				
Lake Moraine	21.8	.3	44	2	- 4	29	31	.29	-.49	.19	24	6.5	7	24	2			
Lamar	32.4	1.0	75	13	4	25	31	.26	-.32	.26	4	1.8	2	4	1	1		
Las Animas 1 N	33.2	3.0	75	13	1	25	31	T	.46		8	T						
Leadville	17.2	-2.7	47	13	- 4	25+	31	2.05	-.98	.70	23	24.1	21	23+	18	2		
Limon 5 SW	28.0	.0	60	13	- 3	25	30	.30	-.32	.20	28	3.0	2	1+	3			
Limon	26.7		62	3	- 8	25	31	.24		.16	28	5.0	3	28	3			
Monument 2 W	29.0	-.2	63	13	- 1	25	28	.18	-.52	.09	24	5.0	5	24	3			
Pueblo WB Airport 3 SW	32.3	2.2	68	13	- 4	25	30	.25	-.25	.19	23	4.0	2	24+	2			
Rocky Ford 2 ESE	34.1	3.8	75	13	2	25	30	.05	-.36	.05	24	T	T	7+	1			
Rye	32.7		67	13	- 1	25	28	.76		.53	23	12.8	7	23	3	1		
Salida	30.5	2.5	60	13	-15	25	29	.65	.04	.33	23	7.5	6	24	4	2		
Springfield 8 S	35.4		79	14	5	26	29	T			7+	T	T	7+				
Sugarloaf Reservoir	13.9		42	13	-37	25	31	2.23		.52	6	23.5	T	7+	10			
Trinidad	37.2	3.3	70	13	5	25	27	.04	.65	.04	7	1.2	T	7	1			
Trinidad AP CAA Hoebne	34.1	2.4	68	3	1	25	29	.23	-.49	.22	6	4.0	3	7	2			
Two Buttes	35.3	2.6	78	13	8	25	29	.02	-.55	.02	24	6	4	2	1			
Walsenburg	34.0	-2.8	60	13	- 1	25	24	.18	-.46	.18	23	3.5	4	23	1			
Westcliffe	26.9	2.1	59	13	-19	25	30	.37	-.41	.37	23	4.5	5	23	1	1		
Division	30.6							.40										
<b>Colorado Drainage Basin</b>																		
Aspen	22.8	-.2	59	14	-13	25	31	2.05	.53	.57	23	25.2	20	23	11	2		
Cedaredge	30.6	2.4	60	13	6	25+	30	1.21	.41	.54	23	15.2	6	28	5	2		
Cocchetopa Creek	11.5		42	21+	-23	25	31	.97		.33	8	14.0	13	16	9	2		
Collbran	24.1	-.1	58	13	-14	25	31	1.42	.33	.65	23	17.0	5	23	10			
Colorado Natl. Monu.	30.4m		55	13	11	25	28	1.07		.51	23	14.2	7	27	10	1		
Cortez	30.4	2.0	58	3	- 3	5	31	1.61	.04	.23	27	9.6	3	28	11	1		
Craig	20.2	-1.7	53	13	-21	26	31	2.20	1.33	.63	21	28.6	22	23	14	3		
Crested Butte	15.2	.0	40	12	-19	25	31	3.68	1.31	.73	23	47.7	35	23+	14	8		
Delta	31.2	4.5	62	13	.7	7	31	.56	.01	.45	23	4.4	2	23	6	1		
Dillon 1 S	17.7	2.3	51	13	-22	25	31	1.63	.25	.38	21	28.0	14	24	16	1		
Durango	27.0	.3	56	13	- 6	5	31	2.22	.52	.69	23	17.9	10	31	12	4		
Eagle CAA	17.8	-3.0	54	13	-28	25	31	1.85	1.11	.86	23	24.3	14	24+	12	2		
Fort Lewis	24.5	-2.6	50	12	- 9	5	31	1.61	-.01	.70	23	16.5	12	31	8	2		
Fraser	14.3	.6	49	13	-32	25	31	2.08	.80	.28	21	30.9	32	24	19	1		
Fruita 1 S	25.6	-1.1	52	15	- 9	25	31	.79	.06	.52	23	11.0			4	2		
Glenwood Springs 3 S	23.6	-2.6	59	13	-12	25	31	1.53	.27	.32	23	23.4	18	7	10	1		
Grand Junction WB Airport	28.3	.8	57	14	5	25	30	.70	.07	.36	23	9.6	3	28+	8	1		
Grand Lake	15.4		45	13	-30	25	31	3.17	1.92	.39	23	24.0	11	28	14	7		
Grand Lake 4 SSW	14.2		47	13	-29	24	31	2.93		.52	23	58.5	36	24	16	4		
Green Mountain Dam	18.8	-1.5	53	13	-20	26	31	3.12	2.39	.52	21	33.8	36	24+	15	4		
Gunnison	14.1	.8	44	20	-37	25	31	.97	.34	.36	23	17.4	11	27	7	2		
Hayden	19.2	-1.7	50	3	-23	26	31	3.04	1.79	.62	22	61.0	29	24	15	4		
Ignacio 1 N	27.7	1.4	56	14	-10	24	31	1.85	.67	.80	23	7.2	5	23	8	3		
Kremmling	13.9		52	13	-39	25	31	2.07		.65	23	26	28+	10	3			
Little Hills	23.1		55	11	-24	25	30	1.39		.38	15	22.7	14	23	8	2		
Meeker	22.7	1.0	53	13	-17	25	29	1.85	.79	.42	21	30.0	14	24+	9	3		
Mesa Verde Natl Park	30.3	-1.0	57	13	3	5	31	1.99	.32	.77	23	23.3	11	31	13	1		
Montrose No 2	31.6	4.9	64	14	8	25	30	.48	-.22	.18	24	3.1	2	8	8			
Northdale	25.7	-.2	53	13	-13	25	31	1.68	.44	.95	23	13.5	6	23	7	2		
Norwood	26.3	1.1	56	13	- 6	7	31	1.31	.17	.50	23	10.0	4	8+	10	2		
Oil Shale Mine	25.0m							3.63				44.5	27	29	15			
Ouray	28.8		56	12+	2	7+	30	1.31		.37	23	25.8	14	28	16	1		
Pagosa Springs	19.3m	-2.3	48	3	-20	25	30	1.87	.23	.81	23	8.0	5	23+	9	2		
Palisade 1 S	32.2	1.4	62	13	5	25	29	.76	.21	.57	23	5.8	3	28	2	1		
Paonia 3 SE	28.7	1.0	58	13	1	25	31	1.39	.08	.50	24	13.5	3	8+	6	3		
Paradox 2 SE	29.9		63	13	1	7	31	.98		.65	23	12.4	3	22	6	1		
Redcliff	17.8		45	13+	-23	25	31	1.65	-.13	1.45	24	4.2	4	24	2	1		
Rifle	24.9	-1.4	57	13	-17	25	30	1.63	.83	.81	23	32.6	18	28	9	3	1	
Sapinero 8 E	14.0		46	22	-28	25	31	1.21		.56	23	19.9			8	2		
Silverton 2 NE	18.3	.3	45	2	-19	25	31	1.78	.08	.77	23	40.0	29	28	15	1		
State Turkey Exp Farm	26.9		56	13	-10	5	31	1.66		.75	23	15.4	5	27+	10	2		
Steamboat Springs	17.2	.4	51	12+	-28	25	31	4.94	2.68	.77	21	78.3	40	23	18	7		
Sunbeam 7 SW	19.2	-2.5	52	12+	-31	25	31	1.61	1.10	.61	21	31.8	20	23+	7	2		
Taylor Park	9.9		41	3	-39	25	31	1.46		.35	8	37.0	24	23+	10	1		
Telluride	24.4	2.3	52	3	- 9	5+	31	3.17	1.72	1.10	23	43.0	24	28	8	4	2	
Vallecito Dam	25.2	-2.1	55	13	- 7	25	31	2.69	.77	1.25	23	19.5	9	27	15	3	1	
Wolf Creek Pass 4 W	20.2		44	2	- 6	7	31	6.06	1.12	2.22	23	75.0			15	8	1	
Division	22.6							1.93										
<b>Kansas Drainage Basin</b>																		
Akron AP CAA	26.7	-1.5	62	20	- 5	26	31	.64	.06	.51	28	6.8	5	28	3	1		
Arriba	28.1m	-.7						.35	-.18	.19	23	3.4	2	28	2			
Burlington	30.8m	.6						.50	-.01	.30	28	3.5	2	28	3	1		

# CLIMATOLOGICAL DATA

COLORADO  
DECEMBER 1948

Table 2—Continued

Station	Temperature							Precipitation										
	Average	Departure from Normal	Highest	Date	Lowest	Date	No. of Days		Total	Departure from Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
							Max. 90° or above	Min. 32° or below					Total	Max. Depth on Ground	Date	01 or more	25 or more	100 or more
Stratton	30.9	-2.1	65	3	5	29	31	.32	-.20	.20	28	2.4	2	1+	2			
Wray	28.7	-.8	64	4	-3	26	31	.33	-.13	.17	23	6.5	5	28+	2			
Yuma	27.4		67	20	-7	26	31	.48	-.02	.24	28	5.3	4	28+	2			
Division	28.9							.36										
Platte Drainage Basin																		
Allens Park	23.7		48	13	-6	25	31	3.35		.86	20	43.0	32	23	7	7		
Bailey	27.2	-.1	63	2	-19	25	31	.61	-.14	.28	23	13.0	10	24	4	1		
Boulder	33.3	-.3	68	3	7	26	25	.54	-.23	.23	24	8.1	6	24	5			
Byers	30.3	-.3	67	3	-1	29	31	.28	-.16	.28	28	4.0	2	23+	1	1		
Cheesman	32.0	1.7	62	13	-4	25	31	.26	-.29	.17	23	3.0	3	24+	2			
Denver WB Airport 6 ENE	29.7	-.2	66	3	-1	25	30	.26	-.14	.20	23	4.8	3	24+	4			
Denver WB City	32.4	.1	69	3	5	25	29	.40	-.33	.33	23	4.3	4	23+	5	1		
Edgewater	31.3	.1	72	3	1	25+	29	.66	-.15	.38	24	6.6	6	24	3	2		
Estes Park 1 N	26.8	-1.7	50	13+	-18	25	31	2.31	1.57	.86	23	26.0	20	23+	9	3		
Fort Collins	27.1	-1.0	66	4	-19	25	30	.94	.48	.38	24	15.5	10	24	5	2		
Fort Lupton 5 E	29.3	1.3	68	3	-9	25	29	.45	-.01	.20	23	3.2	3	25	3			
Fort Morgan 1 N	25.6	-.2	63	4+	-12	25	31	.45	.11	.22	28	8.3	6	28	6			
Georgetown	23.7		50	13	-8	25	31	.92		.35	23	14.5	5	28	6	1		
Greeley	23.6	-2.4	64	13	-20	25	31	.54	.13	.24	24	11.5	9	24	5			
Grover 10 W	30.2	1.9	62	3		25	30	.50	.08	.25	23	11.0			3	1		
Idaho Springs	24.6	-3.5	54	13	-14	25	31	.53	.05	.20	28	15.3	6	24+	7			
Julesburg	28.9	.9	59	12	-5	26	31	.61	.20	.33	28	8.0	7	28	3	1		
Kassler	32.5	-.7	68	3	-4	25	28	.32	-.54	.12	24	6.2	3	24+	3			
Kauffman 4 SSE	26.9	-3.0	67	3	-13	25	31	.34	.10	.14	23	12.0	14	24+	4			
Longmont 2 SSE	28.6	.4	68	3	-14	25	31	.34	-.12	.22	23	4.0	4	23	3			
Parker 9 E	30.0	1.1	65	13	-6	29	29	.07	-.46	.05	23	2.5	3	24	2			
Red Feather Lakes	14.1		40	3	-17	24	31	2.12		1.10	24	25.0			3	2	1	
Sedgwick	27.6	1.0	60	4+	-5	26	31	.38	-.12	.18	29	7.0	6	29+	4			
Spicer 4 NE	18.3	-.2	45	3	-6	25	31	4.82	4.01	1.25	22	58.0	49	22+	10	7	1	
Sterling	26.5	.8	64	5	-6	28	31	.19	-.29	.10	28	4.1	4	24	2			
Walden	17.9	-.9	46	13	-22	26	31	1.80	1.49	.51	23	22.3	24	28+	9	3		
Waterdale	28.1	-1.6	68	3	-12	25	30	.89	.37	.35	24	14.0	11	24	4	2		
Division	27.0							.92										
Rio Grande Drainage Basin																		
Alamosa	22.4	2.7	59	13	-9	24+	31	.15	-.18	.15	22	T	T	6	1			
Alamosa WB Airport	22.3		56	12+	-15	7	31	.17		.11	23	.9	T	6+	3			
Center	19.4m		45	13	-8	25	31	.60		.30	27	7.3	5	27+	5	1		
Conejos 3 NNW	24.2		53	13	-5	7	31	.18		.07	22		4	16	7			
Cumbres	17.9		38	3+	-5	25	31	2.97	-.56	1.29	23	69.0	51	24	13	4	1	
Del Norte	23.7	.6	51	3	-8	28	31	.25	-.08	.13	23	8.0			2			
Hermit 9 SE	19.1	5.9	50	12	-30	25	31	.70	-.22	.32	24	13.4	11	24+	5	1		
Jaroso	27.7		55	13	-5	9	31	1.35	.79	.90	15				2	2		
Manassa	25.2	4.2	54	13	-6	25	31	.02	-.24	.02	23	T	T	4+	1			
Monte Vista	22.3	3.4	52	13+	-9	29	31	.41	.03	.15	23	4.1	3	28	4			
Saguache	22.1	.9	52	3+	-6	25	31	.52	.24	.29	23	6.6	4	27+	4	1		
San Luis Lakes 3 W	24.4		58	14	-12	7	31	.14		.10	23				4			
Wagon Wheel Gap 3 N	14.6	1.8	52	14	-30	25	31	1.36	.69	.70	24	20.0	15	27	5	2		
Division	21.9							.68										
State	26.1	.2						1.11	.22									

Delayed Data

October 1948																	
Platte Drainage Basin																	
Georgetown	43.1		70	4	8	17		.76		.36	1	4.0			4	2	
November 1948																	
Arkansas Drainage Basin																	
Buena Vista 2 S	29.0	-3.3	64	29	-9	26	30	.12	-.33	.05	7+	1.2		3			
La Junta AP CAA	38.2		75	15	6	28	26	.49	-.16	.40	17	.7	T	20	4	1	
Colorado Drainage Basin																	
Paradox 2 SE	33.6		68	2	2	28	30	.32		.13	11	1.8	1.0	11+	3		
Platte Drainage Basin																	
Sedgwick	33.8	-3.6	74	16	7	22	29	.77	.35	.40	18	13.5	9.0	21	4	1	
Spicer 4 NE	22.0	-5.3	56	22	-10	19	30	2.15	1.28	.50	24	27.0	12.0	29+	9	5	
Rio Grande Drainage Basin																	
Del Norte	28.4	-4.8	59	1+	-3	28		T	-.49	T	3+	T					



DAILY PRECIPITATION

COLORADO  
DECEMBER 1948

Table 3-Continued

Table with 33 columns for days of the month (1-31) and 1 column for precipitation (P). Rows list various stations like Little Hills, Longmont 2 SSE, etc., with precipitation values for each day. Includes 'r' for rain and 'z' for snow.

DELAYED DATA

Table listing delayed precipitation data for various stations in 1948, organized by month (February, June, July, August, October, November).

# HOURLY PRECIPITATION

COLORADO  
DECEMBER 1948

Table 4

Station	A. M. Hour ending												P. M. Hour ending												Total			
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12				
-1st-																												
Aspen	//							.01	.01			.01	.01	.03	.02											.09		
Cedaredge												.02	.01	.01												.04		
Eagle CAA												.01														.01		
Grand Junction WB Airport								.01	.02						.02											.03		
Grand Lake 4 SSW																										.02		
Meeker								.01				.01	.01	.02												.03		
Mesa Verde Natl Park												.01	.01	.02												.04		
Ouray	//											.01	.01	.02		.01	.03									.09		
Rabbit Ears Pass	//			.02	.01		.01		.01	.01		*	*	*	.02	*	*	*	*	*	*	*	*	*	*	.09		
Rifle																										*		
-3d-																												
Redcliff	//			.02																						.02		
-4th-																												
Arapahoe													.01	.02	.01	.01					.01		.01	.01		.02		
Aspen	//																				.01					.02		
Cochetopa Creek													.01	.02	.01	.01					.01	.01	.01			.05		
Craig	//																				.01	.01	.01			.03		
Crested Butte										*	*		.01	.06	.02	.03	.01				.05	.04	.01			.27		
Durango																										.05		
Great Divide	//							.01					.02								.01					.03		
Gunnison															.02						.02					.03		
Hartsel																										.02		
John Martin Dam																								.04		.04		
Leadville	//																				.01					.02		
Meeker													.01	.01			.01				.01		.01			.07		
Mesa Verde Natl Park									.01	.01	.01		.01			.01					.01	.01				.07		
Mule Shoe Lodge	//																	*	*	*	*	*	*	*	*	*		
Ouray	//											.01	.01				.01	.01			.01	.01				.09		
Rabbit Ears Pass	//											.01	.01				.01	.06			.07	.06				.37		
Redcliff	//					.01	.05				.01	.01		.02	.08					.05	.03	.02		.02	.02	.07		
Telluride	//																	.02	.03			.01		.01		.07		
Tercio 5 W	//								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
-5th-																												
Allens Park																						.01		.02	.02	.05		
Arapahoe		.01																								.01		
Aspen	//	.01		.01																	.01	.02	.01			.02		
Crested Butte	//																				.01	.02	.02	.01		.04		
Eagle CAA																							.02			.02		
Grand Lake 4 SSW																.01	.01	.01			.01	.01	.01	.01	.02	.02		
Lamar	6	*	*	*	*	*	.26																			.11		
Leadville	//																	.02	.01	.01	.02	.01	.05	.03		.15		
Meeker								.01													.01	.01	.02	.01	.05	.03		
Rabbit Ears Pass	//	.02		.01					.03		.02				.01	.03		.03	.03	.05	.05	.03	.07	.04	.02	.02		
Redcliff	//	.02	.02		.01																					.06		
Telluride	//	.01																								.01		
-6th-																												
Alamosa WB Airport	6																	*	*	*	*	*	*	*	*	.10		
Allens Park		.02	.02	.02	.02	.02		.01	.02	.02	.03		.01	.02	.04	.01										.16		
Aspen	//						.01	.02	.02	.03			.01	.02	.04	.01						.01	.01			.02		
Cheraw																			.01	.01						.02		
Cochetopa Creek							*	*	*	*		.01														.01		
Craig	//				.01																					.02		
Crested Butte	//			.01	.01	.03	.03	.02	.04	.01	.04			.02				.02	.03	.03		.01				.29		
Grand Lake 4 SSW		.04	.05	.03	.01	.01	.01																			.15		
Great Divide	//		.01	.02																						.03		
Gunnison												.01	.02	.01												.04		
Kim 16 N	//																						.07	.04	.03	.14		
Kremmling			.01		.01	.01	.01		.01																	.05		
Leadville	//	.03	.02	.01		.01	.01	.02	.01	.01				.02	.01											.16		
Meeker						.01	.01																			.02		
Ouray	//											.04	.04	.05	.02	.01		.01			.02	.01				.20		
Rabbit Ears Pass	//	.02	.06	.08	.05	.11	.02	.03	.05	.01	.01		.01	.01	.01	.01	*	*	*	*	*	*	*	*	*	*		
Redcliff	//	.02	.02	.01	.01	.01	.01	.04	.01	.03			.01	.01	.01	.01										.17		
Telluride	//																					.01		.01	.01	.02		
Trinidad AP CAA Hoehne	//																						.06	.04	.03	.02		
White Rock	//																					.03	.03			.08		
-7th-																												
Alamosa WB Airport	6	*	*	*	*	*	.04																.01	.01		.02		
Allens Park																										.02		
Aspen	//	.01	.01			.01	.02			.01											.01	.02	.01	.04		.15		
Cedaredge																						.01	.01	.01		.02		
Cochetopa Creek																						.01	.03	.01		.15		
Crested Butte	//				.02			.02		.02								.01	.02	.02	.03	.03	.05	.02	.01	.03		
Durango																			*	*	*	*	*	*	*	.07		
Eagle CAA																						.01	.01	.01		.04		
Grand Lake 4 SSW												.01										.01	.01	.01		.07		
Gunnison																	.02	.01	.01	.01	.01	.01	.01	.01	.02	.20		
Kremmling		.01	.03		.01	.01																.02	.04	.03	.06	.02		
Leadville	//	.01	.01	.01	.01	.01	.02			.01				.01	.03	.01	.01	.01	.01	.01	.01	.02	.01	.01		.15		
Mesa Verde Natl Park																					.01	.01	.02	.01	.01	.14		
Ouray	//													.02							.01	.03	.04	.01		.09		
Redcliff	//																	*	*	*	*	*	*	*	*	.07		
Saguache							.01	.01															*	*	*	*	.01	
San Luis																										.02		
Telluride	//													.01	.01						.01	.01	.05	.04	.03	.01	.17	
Trinidad AP CAA Hoehne	//	.01	.01	.01																						.03		
Wilcox Ranch 4 SE	//																					.01	.03	.02		.01	.04	.11
-8th-																												
Alamosa WB Airport	6						*	*	*	*	*	.02																
Allens Park			.02	.03	.01	.02																					.08	
Artesia		.02	.02	.01																							.05	
Aspen	//	.02	.01	.01	.01	.04	.01																				.10	
Cedaredge		.01	.01	.01	.01			.01	.01	.01																	.07	
Cochetopa Creek		.04	.05	.01	.01																						.11	
Crested Butte	//	.07	.15	.10	.04	.04	.01	.02		.01				.01				.03	.01</									



HOURLY PRECIPITATION

COLORADO DECEMBER 1948

Table 4-Continued

Table with columns for Station, A.M. Hour ending (1-12), P.M. Hour ending (1-12), and Total. Rows list various stations such as Mesa Verde Natl Park, Rifle, Allene Park, etc., with their respective precipitation values for each hour.

Table 4-Continued

## HOURLY PRECIPITATION

COLORADO  
DECEMBER 1948

Station	A. M. Hour ending												P. M. Hour ending												Total															
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12																
	-19th-																																							
Crested Butte	//																.02																	.02						
Grand Lake 4 SSW																																			.01	.01				
	-20th-																																							
Allens Park													.03	.02	.05	.04	.06	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.37			
Craig	//																																			.13				
Crested Butte	//			.02	.01	.01	.01					.01	.01																								.07			
Eagle CAA																				.01					.01											.02				
Grand Lake 4 SSW		.01	.01				.01	.01	.01													.05			.01	.01							.01				.13			
Great Divide	//																													.05	.01					.06				
	-21st-																																							
Allens Park		.01	.01	.02	.01	.01	.03	.04	.03	.02	.02	.02	.01	.01	.01	.08		.01	.01	.01	.01	.01	.02	.02	.01	.02	.02	.02	.01	.02	.01	.02	.01	.01		.43				
Artesia					.02	.02	.02	.05	.01	.04	.03	.02	.01	.03									.01			.02	.02	.02	.01	.01	.01						.33			
Boulder No. 2					.01																															.06				
Briggsdale 2 NW				.01				.01			.01	.01																								.05				
Craig	//	.02	.03	.05	.07	.05	.05	.04	.04	.04	.02	.03			.01	.02	.01	.01								.01	.01			.03	.05	.03	.01	.01	.02		.64			
Crested Butte	//								.01	.01										.01	.01				.01	.01										.02				
Eagle CAA																																				.05				
Fort Collins			.01			.01	.01	.02	.01	.06	.02	.02	.02	.01	.02	.01	.04	.04	.02	.02	.01	.02	.02	.02	.02	.02	.02	.03	.03	.03						.21				
Grand Lake 4 SSW																									.02	.02	.02	.03	.01	.02						.39				
Great Divide	//	.03	.01	.02	.03	.01	*	.03	.05	.03	* .08	.01	.01	.01	.01										.01	.01	.03	.01					.04				.39			
Greeley		*	*	*	*	*	*	*	.08	.01																											.11			
Kremmling					.03		.01	.01	.10	.05	.04	.02	.04	.04	.02	.04	.02	.03	.02	.02	.01	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.50				
Longmont 6 NW			.01					.01	*	*	*	.01	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*					
Wecker		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				
New Raymer					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				
Nunn					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				
Redcliff	//					.01		.01	.02	.02	.02	.01	.01	.01	.02						.01										.01	.02					.13			
														.01	.02							.01															.05			
	-22d-																																							
Alamosa WB Airport	6																					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				
Allens Park		.02	.03	.02	.04	.02	.02	.01			.01	.01		.02	.01	.03	.02	.05	.01	.02	.01	.02	.01	.01	.01	.01	.01	.01	.01							.35				
Artesia		.02	.02	.03	.01	.01							.05	.02																						.27				
Boulder No. 2					.01	.01										.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01							.13				
Briggsdale 2 NW				.01																																.02				
Burlington No. 57 12 NNE																																				.03				
Castle Rock																																		.01	.02	.02				
Cedaredge																									.01											.02				
Coaldale	//																													.02						.01				
Cochetopa Creek	//																					.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.03			
Craig	//	.02	.03	.02	.01	.01	.01				.01	.05	.03	.02	.03	.02	.04	.03	.03	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.44				
Crested Butte	//																					.01	.01	.01	.01	.01	.01	.01	.01	.04	.05	.03	.03				.12			
Cucharas Dam																														.01	.02					.03				
Denver WB Airport 6 ENE	//																								.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02				
Denver WB City																									.01	.01	.01	.01	.01	.01	.01	.08	.11	.11	.11	.40				
Durango											.02				.01	.01	.03	.03	.03	.04	.02	.02	.02	.02	.02	.02	.02	.02	.08	.11	.11	.40				.06				
Eagle CAA																						.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02			
Elk Creek																						.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02			
Evergreen 2 SW																						.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01			
Fort Collins		.01	.03	.02	.01	.02	.01				.01		.01	.01	.01	.01	.02	.03	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01				
Froze Creek		.01	.03	.02	.01	.02	.01				.01		.01	.01	.01	.01	.02	.03	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01				
Grand Junction WB Airport		.01	.01	.01	.01	.02	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.29				
Grand Lake 4 SSW		.01	.01	.01	.01	.02	.01	.02	.02	.01	.01	.01	.01	.01	.02	.01	.01	.03	.04	.02	.02	.02	.02	.01	.01	.03	.01	.01	.01	.01	.01	.01	.01	.01	.01	.35				
Great Divide	//	.04	.01	.03	.01	.01								.02	.01	.01	.01	.01	.02	.01	.02	.01	.01	.01	.02	.01	* .01	.02	.01	.01	.01	.05				.05				
Greeley																																				*				
Greenland No. 26 7 NE																																				*				
Gunnison					.02	.04	.04		.05					.03	.01	.01	.02	.03	.02	.02	.03	.03	.03	.01	.02	.02	.02	.01	.02	.02		.16								
Kremmling																																				.29				
Manitou Springs																																				.01				
Mesa Verde Natl Park																																				.0				





# DAILY TEMPERATURES

COLORADO  
DECEMBER 1948

Table S

Station		Day of month																															Average
		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	
		MAX MIN																															
Akron AP CAA	MAX	38	53	59	60	41	40	37	38	39	55	49	59	56	52	34	38	40	37	43	62	30	32	22	23	20	29	37	25	24	37	32	39.4
	MIN	19	19	29	20	18	15	9	14	8	25	24	24	22	24	16	11	8	8	37	7	22	19	22	20	6	-1	-5	11	10	1	3	5
Alamosa	MAX	40	44	53	41	35	39	32	35	37	48	46	50	59	58	40	41	42	38	49	41	50	45	42	33	27	30	38	34	32	33	35	40.9
	MIN	-1	-3	19	-3	7	-2	-3	-8	-4	9	9	8	10	14	-5	14	14	-6	3	5	24	23	5	-9	-7	3	7	-8	9	5	11	5
Alamosa WB Airport	MAX	38	44	53	40	34	37	29	33	36	47	45	56	56	52	40	41	41	36	39	48	50	44	43	31	26	29	38	33	31	36	32	39.9
	MIN	3	0	-1	15	-2	3	-15	-4	-6	-3	12	8	25	13	0	-2	5	7	-4	3	5	26	27	1	7	12	9	3	-4	-7	-1	5
Allens Park	MAX	37	38	48	41	21	19	18	22	30	36	30	39	48	47	38	29	34	28	25	34	31	22	18	12	30	31	40	30	25	29	40	31.3
	MIN	23	28	25	20	6	13	15	14	13	25	23	24	30	24	15	9	22	15	14	21	16	11	8	7	-6	9	16	17	13	19	6	16.0
Arriba	MAX				54	49	42	38	37	35	60	53	53	60	52	45	33	44	37	44	61	50	34	30	30	22	45	41	32	27	39	34	42.2
	MIN				17	14	17	10	18	7	17	22	20	31	24	17	9	11	13	6	21	13	8	16	10	-6	8	18	17	1	12	15	14.0
Aspen	MAX	30	41	52	39	25	22	25	22	36	39	33	48	55	59	44	33	44	32	27	37	39	35	41	27	25	36	38	32	34	36	29	36.0
	MIN	23	1	10	18	-5	6	-5	13	-9	6	23	23	21	27	18	2	18	15	3	12	27	24	22	0	-13	-2	5	14	-4	3	1	9.6
Bailey	MAX	38	63	57	48	35	30	32	35	45	51	45	57	62	54	44	46	45	38	40	56	42	30	28	25	43	49	50	34	19	12	14	43.7
	MIN	26	12	11	22	12	6	-2	19	5	12	23	24	21	22	20	-1	8	8	21	30	18	16	12	-14	-19	1	21	-13	8	0	10.6	
Boulder	MAX	42	58	68	58	39	37	39	43	39	54	49	60	64	52	41	35	40	43	48	55	48	29	26	33	27	52	47	29	33	48	33	44.5
	MIN	21	20	35	35	24	30	19	20	15	21	39	36	34	24	20	17	16	16	24	38	25	20	18	10	8	7	19	27	14	14	18	22.1
Buena Vista 2 S	MAX	58	50	46	48	46	44	44	50	48	46	36	42	48	46	34	32	38	33	30	36	40	38	36	34	32	30	32	28	24	22	20	38.1
	MIN	28	26	20	22	26	14	14	14	24	14	-6	0	20	16	-2	12	10	8	12	20	0	-4	-4	0	-4	-6	-8	-4	-8	-6	8.6	
Burlington	MAX	38	54	56	60	50	40	39	39	37	58	49		52	34	38	35	41	36		62	50	35	31	31		39	36	29	41	37	42.5	
	MIN	20	19	30	34		20	15	22	11	20	26		26	25	22	17	18	12		22	18	17	25	20		9	20	6	12	10	19.1	
Byers	MAX	41	64	67	58	44	40	36	39	49	54	54	65	61	48	41	41	39	37	47	59	42	30	24	29	28	51	48	30	34	42	41	11.7
	MIN	14	16	29	30	12	20	10	8	29	24	20	31	20	20	9	12	11	11	30	21	9	19	10	0	1	17	20	-1	20	9	15.8	
Canon City	MAX	52	63	67	59	45	46	42	47	42	57	52	65	68	63	55	42	54	54	56	65	61	37	33	40	34	52	58	47	40	56	48	51.6
	MIN	11	21	34	32	13	25	19	24	13	19	34	40	41	37	34	16	16	18	20	32	26	12	19	17	5	9	29	33	11	15	17	22.9
Cedaredge	MAX	36	44	58	46	33	35	32	38	41	47	41	53	60	50	45	39	41	40	39	49	48	41	43	35	30	32	47	35	38	37	34	41.5
	MIN	25	13	18	27	7	14	8	14	8	14	8	18	27	23	32	34	25	18	27	24	27	32	30	28	12	6	14	23	21	16	6	13
Center	MAX	36	36	44	41	25	30	25	31	32	42	43	42	45	43	33	32	37	33	35	44	42	41	38	31	21		27	21	24	26	31.5	
	MIN	4	1	2	4	-1	4	-4	4	-2	1	9	7	17	15	13	-1	4	12	1	5	4	19	23	1	-8		4	-5	-12	3	4.3	
Cheesman	MAX	43	58	58	53	41	36	39	36	51	59	51	58	62	58	49	41	53	41	42	54	47	28	29	43	39	49	46	34	45	50	46	46.5
	MIN	16	9	24	29	17	24	23	23	24	31	25	30	31	29	15	14	14	24	30	20	15	11	-2	-4	7	9	24	-3	5	6	17.5	
Cheyenne Wells	MAX	55	55	61	63	54	49	40	42	38	57	52	50	63	47	42	43	46	40	42	64	52	38	32	33	32	38	41	36	35	45		46.2
	MIN	9	17	26	24	19	16	14	14	8	18	20	19	25	25	20	18	15	15	9	18	14	11	21	21	16	13	15	21	7	11		16.6
Cochetopa Creek	MAX	26	24	29	32	38	22	25	22	22	26	24	32	35	30	36	25	25	26	29	29	42	40	42	42	20	7	21	25	25	18	10	27.4
	MIN	-14	-10	-10	0	-5	-5	-16	5	-19	-15	-2	9	-6	-5	-3	-4	-2	10	-9	9	21	16	19	-8	-23	-18	-10	0	-8	-21	-12	-4.4
Collbran	MAX	40	37	53	43	29	31	32	39	34	43	39	43	58	53	45	30	41	36	38	38	40	39	41	34	20	43	35	30	29	29	37.8	
	MIN	14	4	8	22	0	13	-4	6	-3	7	17	15	17	31	15	9	17	21	6	18	25	25	27	6	-14	-4	4	22	-2	-3	-2	10.3
Colorado Nat Monument	MAX	43	40	46	49	30	35	29	39	36		47	44	53	41	48	32	35	39	35	40	43	39	37	34	25	30	35	40	35	33	29	38.4
	MIN	25	20	21	27	12	21	15	13	16		21	33	38	44	24	21	25	23	21	24	32	30	29	12	11	13	19	25	15	15	18	22.3
Colorado Springs WB Apt	MAX	40	60	64	52	43	41	32	38	35	57	53	64	60	62	47	34	49	43	47	58	32	31	22	30	17	47	19	34	25	48	36	43.5
	MIN	15	14	28	23	24	16	9	15	8	20	26	25	34	34	16	11	11	13	10	32	15	12	15	4	2	13	17	16	7	15	12	16.5
Conejos 3 NW	MAX	46	42	44	51	40	30	42	29	35	36	43	42	53	46	32	38	37	33	34	46	43	40	43	28	27	28	39	33	30	34	33	38.0
	MIN	11	6	6	19	2	10	-5	9	1	3	22	18	23	28	1	13	21	1	6	19	26	29	9	-4	7	12	13		-2	6	9	10.3
Cortez	MAX	29	47	58	44	35	34	34	37	43	50	50	57	60	48	45	47	46	39	41	43	52	43	43	34	40	41	45	35	40	45	38	43.5
	MIN	21	5	15	22	-3	15	4	16	6	15	19	21	22	30	28	19	31	20	10	15	20	29	31	3	0	21	29	24	4	12	22	17.2
Craig	MAX	36	41	49	41	29	34	27	30	31	42	36	33	48	35	33	42	33	30	41	28	23	25	27	18	23	36	30	27	21	20	33.5	
	MIN	3	-2	6	14	2	8	-10	8	-6	10	27	30	20	24	11	4	22	2	2	26	18	15	15	-8	-20	-21	15	16	4	-11	-13	6.8
Crested Butte	MAX	30	31	33	26	20	19	18	22	19	32	28	40	38	34	35	24	28	26	24	37	33	31	35	30	10	22	31	19	18	15	26	27.2
	MIN	-3	-8	-2	1	1	11	-5	10	-13	-6	14	18	5	3	16	-2	6	16	-3	17	25	21	21	4	-19	-5	-5	15	-16	-11	-5	3.2
Cripple Creek	MAX	35	43	49	46	27	28	24	24	34	42	36	43	47	46	39	32	35	29	31	44	39	37	32	29	35	34	41	32	29	32	33	36.0
	MIN	18	11	23	25	3																											

# DAILY TEMPERATURES

COLORADO  
DECEMBER 1948

Table S-Continued

Station	Day of month																															Average	
	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		
Fort Lewis	MAX MIN	38 12	43 7	48 18	35 11	29 -9	30 12	27 -8	31 15	41 1	42 15	40 13	48 22	40 24	36 23	34 11	38 24	32 17	39 6	44 12	44 15	34 24	36 24	30 -8	34 -3	38 22	36 18	30 17	34 -4	41 2	34 18	37.3 11.7	
Fort Lupton 5 E	MAX MIN	41 15	60 17	68 34	58 26	41 17	40 23	36 16	39 12	38 11	38 12	54 31	63 51	58 30	39 18	40 22	39 11	43 11	49 13	47 11	46 37	39 29	24 14	28 17	16 -2	43 -9	41 -2	32 12	31 20	42 5	31 8	41.2 15.9	
Fort Morgan 1 N	MAX MIN	46 13	43 10	55 16	63 21	44 21	42 20	37 13	42 15	49 3	55 9	49 17	63 19	58 19	42 20	36 19	38 6	40 7	35 5	37 7	49 11	60 21	30 16	25 16	30 17	25 -12	26 -10	25 -7	29 -1	30 0	25 0	41.2 10.0	
Fraser	MAX MIN	30 -10	35 -16	45 -10	34 -4	25 -4	18 -2	15 -6	17 11	28 -11	34 -14	28 -14	40 13	46 -4	37 13	28 -16	31 1	24 12	28 3	38 18	32 17	28 15	32 17	23 13	23 -32	34 -23	38 -17	24 -12	30 12	25 4	28 18	30.5 -2.0	
Fruita 1 S	MAX MIN	38 12	40 11	40 12	46 20	40 5	46 18	34 8	26 18	30 3	28 13	50 16	50 25	45 15	50 25	52 -5	33 15	41 20	47 20	47 20	45 14	45 20	41 24	35 29	34 4	30 -9	30 -2	36 15	41 25	34 -2	38.7 12.5		
Georgetown	MAX MIN	30 20	40 20	46 30	36 16	20 6	20 10	22 8	34 14	36 22	24 24	50 26	42 32	30 14	32 16	30 26	28 18	36 18	32 12	36 8	32 2	33 8	39 12	40 8	34 2	34 -8	22 10	32 14	40 18	45 8	35 15	32.2 15.1	
Glenwood Spgs. 3 SSE	MAX MIN	42 -1	37 -5	54 8	45 21	47 19	33 0	37 19	33 11	27 -4	35 21	32 26	45 18	46 27	59 21	50 11	38 15	34 15	32 14	33 12	32 19	33 22	39 25	40 28	34 -9	34 -12	22 -3	32 2	34 17	36 -2	33 -2	36.9 10.2	
Grand Jct. WB Airport	MAX MIN	42 21	40 16	48 17	47 18	34 11	37 20	31 12	36 15	40 13	40 24	47 15	44 24	55 33	57 41	34 22	41 25	38 21	38 21	41 20	34 25	30 25	30 20	42 16	29 8	29 -2	24 5	27 11	38 20	30 21	31 8	38.2 18.3	
Grand Lake	MAX MIN	28 -4	29 -11	44 -5	35 2	22 4	16 12	23 0	27 11	31 -6	31 -8	40 18	45 21	43 10	28 9	25 -11	30 10	27 4	23 7	32 19	28 17	30 15	28 16	30 5	28 -30	19 -23	22 12	27 14	24 2	25 -16	24 -18	28.4 2.3	
Grand Lake 4 SSW	MAX MIN	25 -7	31 -15	46 -7	36 -2	22 0	32 8	17 -11	22 12	25 -7	33 -10	29 20	41 21	47 10	43 -2	33 18	21 -4	28 14	25 5	22 18	30 17	33 15	25 17	33 15	29 -29	25 -24	18 -20	27 -20	31 11	24 24	21 -19	28.7 -0.4	
Greeley	MAX MIN	45 8	43 8	54 20	44 12	55 18	49 18	40 3	38 10	48 1	40 6	55 8	48 12	51 15	46 20	22 5	42 9	38 4	38 10	41 10	52 18	58 11	28 12	27 10	25 -20	28 -19	8 -13	26 -3	37 -4	31 -7	24 1	40.8 6.4	
Green Mountain Dam 4 SSW	MAX MIN	30 11	33 -1	50 6	40 8	42 9	25 -2	24 17	24 -4	30 7	46 23	48 25	53 15	51 22	46 15	22 0	30 13	30 14	40 14	36 25	28 15	25 16	25 16	28 16	25 -18	22 -20	5 -17	10 -1	26 -3	20 -9	22 -8	31.0 6.5	
Grover 10 W	MAX MIN	39 23	55 20	62 33	57 30	41 32	35 25	34 24	36 20	49 30	48 26	45 24	59 32	58 25	38 18	38 20	35 25	43 25	50 29	45 28	38 22	32 24	45 5	38 0	32 5	24 10	19 5	37 2	39 7	30 12	25 8	40.0 20.4	
Gunnison	MAX MIN	36 -5	38 -9	31 -9	30 -5	31 -2	29 -6	32 -15	34 -15	31 -17	32 12	33 14	35 -7	35 -5	34 -3	36 -5	33 -3	34 -9	33 -9	44 7	40 24	38 22	34 19	33 -16	30 -22	20 -9	18 -12	30 -13	22 -21	16 -13	31.0 -3.8		
Hayden	MAX MIN	32 9	36 -4	50 4	42 17	25 -4	29 14	25 -8	29 17	27 -10	37 5	45 24	45 29	48 10	45 25	35 12	35 1	33 17	26 18	43 19	39 15	23 14	23 -8	17 -15	29 -23	27 -4	31 15	37 12	31 -14	28 -8	24 20	32.2 6.2	
Hermit 9 SE	MAX MIN	33 2	44 -2	42 1	38 13	30 -19	28 9	25 -16	27 -15	40 -7	33 1	50 5	48 9	44 7	46 20	40 9	38 10	39 -10	46 0	43 -2	45 18	41 22	36 12	31 -30	28 5	31 0	38 7	37 -5	31 -20	34 2	36.8 1.3		
Holly	MAX MIN	48 17	56 18	58 20	60 15	48 10	53 10	48 14	50 15	48 9	60 24	60 19	73 30	78 32	65 10	45 7	58 18	48 14	55 7	48 13	64 13	45 13	27 13	42 12	27 10	30 12	46 10	29 11	40 10	45 7	53 13	50.7 14.7	
Holyoke	MAX MIN	37 18	48 19	56 27	55 26	40 21	37 16	37 22	35 13	37 21	48 23	42 23	57 25	41 28	33 20	33 17	35 14	33 16	42 14	33 26	33 22	34 22	42 22	20 8	36 -3	37 11	37 15	28 4	39 7	33 4	37.7 17.2		
Idaho Springs	MAX MIN	43 7	48 20	53 12	40 16	28 10	26 10	23 8	24 17	40 12	42 14	36 28	46 22	54 20	52 16	48 15	27 -2	39 5	36 12	46 24	42 26	35 18	32 12	33 3	39 -9	38 -14	26 2	32 6	26 15	32 -2	42 18	37.8 11.3	
Ignacio 1 N	MAX MIN	40 14	45 12	51 8	39 5	41 15	34 10	35 7	37 21	46 9	52 11	51 12	56 21	52 15	40 15	42 23	51 9	41 10	41 13	35 20	42 27	43 -10	42 9	36 26	38 21	36 9	37 26	30 21	40 5	38 19	42.7 12.6		
Jaroso	MAX MIN	44 3	47 1	52 15	42 20	38 6	32 15	35 -2	39 18	36 -5	54 -2	55 25	42 28	40 32	45 29	45 13	38 24	48 18	48 9	49 25	46 30	41 29	40 12	32 -2	33 16	38 15	35 17	35 0	35 -1	34 12	40.8 14.6		
John Martin Dam	MAX MIN	45 15	58 16	69 22	68 22	39 19	48 20	42 19	46 22	43 17	61 25	61 17	66 24	71 34	51 27	45 11	42 17	43 18	45 21	62 19	41 18	28 25	28 35	43 11	42 18	38 23	43 18	48 15	46 22	37 16	52 12	48 14	47.8 18.9
Julesburg	MAX MIN	43 22	55 19	51 25	58 23	45 20	40 20	35 15	38 21	48 11	58 21	48 26	59 22	45 24	29 20	39 18	38 20	42 19	38 14	42 27	35 25	32 22	28 19	23 -5	27 4	30 11	35 8	29 4	38 6	35 5	40.3 17.4		
Kassler	MAX MIN	41 16	65 15	68 34	61 29	49 41	42 27	40 11	53 8	61 19	55 33	66 27	63 38	67 15	46 7	33 7	41 11	47 14	50 30	62 20	54 14	30 20	26 14	35 -4	24 3	51 25	51 21	37 7	36 11	49 6	47 11	48.1 16.9	
Kauffman 4 SSE	MAX MIN	40 12	60 13	67 28	57 16	43 12	36 11	36 12	39 21	55 2	53 16	62 18	58 19	32 16	41 19	38 13	43 4	35 10	53 25	56 25	44 22	27 19	37 16	24 -13	29 -9	37 10	37 12	29 8	35 4	30 5	41.1 12.7		
Kit Carson	MAX MIN	43 11	59 10	64 14	63 14	54 45	45 8	43 6	41 14	37 3	63 9	55 14	58 13	72 21	53 19	43 12	50 19	45 13	41 9	65 10	55 9	40 20	34 9	40 2	34 10	24 2	44 2	40 8	38 15	49 6	45 3	47.3 11.0	
Kremmling	MAX MIN	35 0	33 -12	50 -10	44 -5	26 0	24 8	22 -10	26 14	25 -19	42 -12	44 25	45 19	52 15	48 4	43 16	41 -4	29 8	26 6	39 -4	36 21	28 18	32 15	28 5	33 -39	22 -25	18 -31	7 -5	9 -11	27 -11	29.5 -1.8		
La Junta AP CAA	MAX MIN	44 11	64 15	70 24	68 32	52 16	49 28	42 11	47 20	47 15	64 26	61 26	66 26	74 36	45 26	45 23	51 10	47 19	51 22	67 18	45 12	38 26	31 14	38 14	31 3	48 15	46 22	40 13	51 9	44 14	50.4 17.9		
Lake Moraine	MAX MIN	30 22	44 9	42 27	34 18	22 2	20 10	16 3	32 -2	36 5	40 23	40 20	42 18	40 30	29 28	30 14	26 10	32 8	32 9	30 19	30 20	32 18	30 -3	30 3	26 14	33 3	26 9	30 14	26 8	30 4	30.8 12.7		
Lamar	MAX MIN	49 14	59 13	71 17	71 30	38 17	49 13	43 19	46 22	44 11	57 20	62 25	66 23	75 32	51 15	46 23	43 8	49 11	46 14	46 6	68 17	46 13	44 12	29 4	39 13	25 4	42 13	44 11	42 4	55 8	49 8	49.4 15.4	
Las Animas 1 N	MAX MIN	45 7	58 6	70 10	69 17	64 21	58 15	48 13	47 18	48 6	65 13	55 14	68 18	75 20	60 27	47 22	44 6	45 9	45 14	50 11	69 15	60 13	53 12	37 25	40 25	30 1	47 10	42 12	46 6	55 9	50.5 13.8		
Leadville	MAX MIN	26 6	40 2	46 16	28 3	14 -3	14 -2	14 0	14 0	28 0	23 17	37 19	47 20	28 20	33 3	29 1	18 9	22 6	30 16	29 21	30 16	23 8	13 -3	33 -4	34 6	35 2	15 2	32 -4	30 6	30 6	28.1 6.3		
Limco 5 SW	MAX MIN	35 10	55 15	59 26	55 30	41 11	38 21	34 12	36 18	35 7	58 19	50 21	57 21	60 35	53 27	46 19	34 9	46 13	37 8	42 20	40 14	30 8	23 17	28 -3	15 3	43 21	43 18	29					

DAILY TEMPERATURES

COLORADO  
DECEMBER 1948

Table S-Continued

Table with columns for Station, Day of month (1-31), and Average. Rows include locations like Monte Vista, Montrose No 2, Monument 2 W, Northdale, Norwood, Oil Shale Mine, Ouray, Pagosa Springs, Palisade 1 S, Paonia 3 SE, Paradox 2 SE, Parker 9 E, Pueblo WB Airport 3 SW, Redcliff, Red Feather Lakes, Rifle, Rocky Ford 2 ESE, Rye, Saguache, Salida, San Luis Lakes 3 W, Sapinero 8 E, Sedgwick, Silverton 2 NE, Spicer 4 NE, Springfield 8 S, State Turkey Exp Farm, Steamboat Springs, Sterling, Stratton, Sugarloaf Reservoir, Sunbeam 7 SW, Taylor Park, Telluride, Trinidad, Trinidad AP CAA Boehne, Two Buttes, Vallecito Dam, and Wagon Wheel Gap 3 N.

See reference notes following Station Index.





STATION INDEX

COLORADO  
OCTOBER 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT.		LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
				O	/'			ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
AGATE	0092	ELBERT	PLATTE	39	27	103 56	5480	M		7A		5	IVAN WILLIAMS	3	
AKRON 4 MI. E	0109	WASHINGTON	KANSAS	40	10	103 09		M				7	U.S. DRY LANO FLD. STA.	3 4	
AKRON AP CAA	0114	WASHINGTON	KANSAS	40	07	103 10	4582	M	MID	MID	23	34	U.S. AIRWAY COM. STA.	2 3 5	
ALAMOSA	0125	ALAMOSA	RIO GRANDE	37	28	105 53	7531	M	M	9A	17	17	W. P. SHULDT	2 3 5	
ALAMOSA AP WBAS	0130	ALAMOSA	RIO GRANDE	37	26	105 51	7534	M	M	9A	5P	4	4	U.S. WEATHER BUREAU	2 3 5
ALLENS PARK	0183	BOULDER	PLATTE	40	12	105 32	8500	M	6P	6P	3	4	CHARLES JENSEN	2 3 4 5	
ALTENBERN	0214	GARFIELD	COLORADO	39	35	108 32	6800	M		4P		2	ORVILLE C. ALTENBERN	3	
AMES	0228	SAN MIGUEL	COLORADO	37	54	107 55	8750	M		5P		35	WESTERN COLO. POWER CO	3	
AMY	0242	LINCOLN	ARKANSAS	38	54	103 39	5420	M		6P		5	BEN H. MARSHALL	3	
ARAPAHOE	0304	CHEYENNE	ARKANSAS	38	51	102 11	4013	M				7	JOSEPH A. POST	3 4	
AROYA 9 MI. N	0343	CHEYENNE	ARKANSAS	38	59	103 06	5100	M		7A		5	CLARK WRIGHT	3	
ARRIBA	0348	LINCOLN	KANSAS	39	17	103 16	5241	M	6P	6P	32	33	EVERETT BLAIR	2 3 5	
ARTESIA	0354	MOFFAT	COLORADO	40	15	109 01	5900	M				7	I. W. COX	3 4	
ASPEN	0370	PITKIN	COLORADO	39	11	106 50	7913	M	5P	5P	22	23	VERLIN E. RINGLE	2 3 4 5	
ATKINSON RANCH	0381	MONTEZUMA	COLORADO	37	36	108 53		M				7	GRANVILLE E. ATKINSON	3 4	
AYER RANCH	0437	EL PASO	ARKANSAS	39	01	104 36	7232	M		8A		5	R. J. AYER	3	
BAILEY	0454	PARK	PLATTE	39	24	105 29	7733	M	5P	5P	13	13	JOHN A. RUNDGREN	2 3 5	
BIG SPRINGS RANCH	0712	EL PASO	ARKANSAS	39	52	104 19		M				3	ARTHUR H. NUTT	3 4	
BLANCA	0776	COSTILLA	RIO GRANDE	37	26	105 31	7500	M		9A		39	VIRGINIA H. TESSLER	3	
BLOOM	0784	OTERO	ARKANSAS	37	41	103 58	4488	M		6P		17	C. J. GLOVER	3	
BOULDER NO. 2	0843	BOULDER	PLATTE	40	01	105 16	5404	M				8	THOMAS L. PLATT	3 4	
BOVINA	0862	LINCOLN	KANSAS	39	19	103 21	5280	M		7P		5	I. W. FREEMAN	3	
BOX RANCH	0873	LAS ANIMAS	ARKANSAS	37	14	103 48	5600	M	7P	7P	12	12	J. A. LOPEZ	2 3 5	
BRANSON	0898	LAS ANIMAS	ARKANSAS	37	01	103 53	6292	M		5P		10	T. A. RUSSELL	3	
BRECKENRIDGE	0909	SUMMIT	COLORADO	39	29	106 02	9579	M		5P		2	HELEN E. RICH	3	
BRIGGS DALE 2 MI. NW	0945	WELD	PLATTE	40	39	104 20		M				8	U.S. SOIL CONSERV.	3 4	
BUENA VISTA 2 MI. S	1071	CHAFFEE	ARKANSAS	38	50	106 08	7980	M	4P	4P	39	48	STATE REFORMATORY	2 3 5	
BURLINGTON	1121	KIT CARSON	KANSAS	39	18	102 16	5250	M	5P	5P	45	59	CITY CLERK	2 3 5	
BURLINGTON NO 57 12 MI. NNE	1126	KIT CARSON	KANSAS	39	28	102 09		M				7	SRIRLEY M. JAMES	3 4	
BURLINGTON NO 58 8 MI. SE	1131	KIT CARSON	KANSAS	39	15	102 09		M				7	ROBERT SCHLENSEVER	3 4	
BYERS	1179	ARAPAHOE	PLATTE	39	42	104 13	5202	M	7P	7P	26	26	W. L. BEST	2 3 4 5	
CANON CITY	1294	FREMONT	ARKANSAS	38	26	105 16	5343	M	4P	4P	59	61	WARDEN, PENITENTIARY	2 3 5	
CASCADE	1384	SAN JUAN	COLORADO	37	40	107 48	8853	M		5P		42	WESTERN COLO POWER CO	3	
CASTLE ROCK	1401	DOUGLAS	PLATTE	39	22	104 51		M				7	U.S. SOIL CONSERV.	3 4	
CEDAREDGE	1440	DELTA	COLORADO	38	54	107 56	6175	M	5P	5P	48	50	P. R. AUST	2 3 4 5	
CENTER	1458	SAGUACHE	RIO GRANDE	37	45	106 07	7668	M	8P	8P	7	8	W. B. SUTLEY	2 3 5	
CHEESMAN	1528	JEFFERSON	PLATTE	39	13	105 17	6890	M	5P	5P	45	46	SUPT. CHEESMAN LAKE	2 3 5	
CHERAW	1539	OTERO	ARKANSAS	38	06	103 31		M				8	L. H. HOUGHTON	3 4	
CHEYENNE WELLS	1564	CHEYENNE	KANSAS	38	52	102 22	4250	M	5P	VAR	56	56	CITY WATER DEPT.	2 3 5	
COALDALE	1693	FREMONT	ARKANSAS	38	22	105 46		M				7	Wm. F. COOPER	3 4	
COCHETOPA CREEK	1713	SAGUACHE	COLORADO	38	26	106 54	8000	M	8A	8A	2	2	H. F. KREUGER	2 3 4 5	
COLLBRAN	1741	MESA	COLORADO	39	14	107 58	6200	M	6P	6P	47	57	A. D. MITCHELL	2 3 5	
COLORADO NAT MON	1772	MESA	COLORADO	39	06	108 44	5780	M	5P	5P	9	9	SUPT COLO NATL PARK	2 3 5	
COLO SPRINGS AP WBAS	1778	EL PASO	ARKANSAS	38	49	104 42	6175	M	MID	MID	1	1	U.S. WEATHER BUREAU	2 3 5	
CONEJOS 3 MI. NNW	1816	CONEJOS	RIO GRANDE	37	08	106 02	7900	M	8A	8A	9	9	W. M. DARNALL	2 3 5 6	
CORTEZ	1886	MONTEZUMA	COLORADO	37	21	108 34	6177	M	5P	5P	36	36	MONTEZUMA VAL. IR. CO.	2 3 5	
CRAIG	1928	MOFFAT	COLORADO	40	31	107 33	6231	M	MID	MID	15	16	L. G. STUKEY	2 3 4 5	
CRESTED BUTTE	1959	GUNNISON	COLORADO	38	52	106 58	8867	M	4P	4P	38	50	JANE E. PLUTT	2 3 4 5	
CRIPPLE CREEK	1973	TELLER	ARKANSAS	38	45	105 11	9508	M	3P	3P	12	28	KENNETH GEDDES	2 3 5	
CRIPPLE CREEK 9 MI. NW	1978	TELLER	ARKANSAS	38	52	105 17	8500	M				2	WILLIAM S. SNARE	3 4	
CUCHARAS DAM	1978	HUERFANO	ARKANSAS	37	44	104 36		M				8	CECIL L. SHEPARD	3 4	
CUMBRES	2048	CONEJOS	RIO GRANDE	37	01	106 27	10015	M	8A	8A	6	42	ROSCOE MARTIN	2 3 5	
DEADMAN RILL	2112	LARIMER	PLATTE	40	48	105 47	10200	M				6	U.S. FOREST SERVICE	S	
DEERTRAIL	2162	ARAPAHOE	PLATTE	39	37	104 03		M				8	EVERETT L. DAVIS	3 4	
DEL NORTE	2184	RIO GRANDE	RIO GRANDE	37	40	106 21	7880	M	6P	6P	30	30	LYNN K. WOODS	2 3 5	
DELTA	2192	DELTA	COLORADO	38	45	108 04	5115	M	6P	6P	59	61	MRS. E. H. GETTS	2 3 5	
DENVER AP WBAS 6 MI. ENE	2220	DENVER	PLATTE	39	46	104 53	5298	M	MID	MID	15	15	U.S. WEATHER BUREAU	2 3 4 5	
DENVER WBO	2225	DENVER	PLATTE	39	45	105 00	5221	M	MID	MID	77	77	U.S. WEATHER BUREAU	2 3 4 5	
DILLON 1 MI. S	2281	SUMMIT	COLORADO	39	36	106 03	8900	M	6P	6P	38	42	RAYMOND D. WAILES	2 3 5	
DORERTY RANCR	2312	LAS ANIMAS	ARKANSAS	37	23	103 53	4800	M		7A		9	BOWARD B. SMIPTER	3	
DOLORES	2326	MONTEZUMA	COLORADO	37	28	108 30	6950	M				18	LOUISA H. TYLE	3	
DURANGO	2432	LA PLATA	COLORADO	37	17	107 53	6554	M	MID	MID	55	57	W. R. DAYTON	2 3 4 5	
EADS	2446	KIOWA	ARKANSAS	38	29	108 46	4262	M	5P	5P	34	37	NEWTON R. KABEL	2 3 4 5	
EAGLE CAA 5 MI. W	2454	EAGLE	COLORADO	39	38	106 55	6497	M	MID	MID	12	14	U.S. AIRWAY COM. STA.	2 3 4 5	
ECKLEY	2535	YUMA	KANSAS	40	07	102 29		M				8	HAROLD W. RIFFLE	3 4	
EDGEWATER	2557	JEFFERSON	PLATTE	39	46	105 03	5450	M	5P	5P	39	41	J.C.R. SANITORIUM	2 3 5	
ELK CREEK	2633	JEFFERSON	PLATTE	39	29	105 20		M				8	SAMUEL J. HARGIS	3 4	
ERIE	2731	BOULDER	PLATTE	40	03	105 02	5035	M		7P		3	GLENN H. NEWMAN	3	
ESTES PARK 1 MI. N	2759	LARIMER	PLATTE	40	23	105 31	7750	M	5P	5P	33	40	MARTIN J. POLING	2 3	
EVERGREEN 2 MI. SW	2795	JEFFERSON	PLATTE	39	37	105 21		M				8	RAY S. FLEMING	3 4	
EVERSOLL RANCR	2803	BACA	ARKANSAS	37	02	102 05	3576	M	6P	6P	4	5	J. C. EVERSOLL	2 3 5	
FAIRPLAY	2814	PARK	PLATTE	39	14	106 00	10000	M				6	U.S. FOREST SERVICE	S	
FERNDALE RANCH	2880	MOFFAT	COLORADO	40	47	107 39	7000	M		VAR		8	JOHN J. SHERMAN	3	
FLEMING	2944	LOGAN	KANSAS	40	40	102 50	4250	M		6P		12	JOHN G. MORISON	3	
FLORENCE	2955	FREMONT	ARKANSAS	38	23	105 08	5190	M	9A	9A	13	13	JR. CHAMBER OF COM.	2 3 5	
FORDER 8 MI. 8	2997	LINCOLN	ARKANSAS	38	33	103 41	4500	M		6A		15	MELVIN B. SAVAGE	3 4	
FORT COLLINS	3005	LARIMER	PLATTE	40	35	105 05	4935	M	7A	7P	68	69	8	AGRICULTURAL COLLEGE	2 3 4 5 6
FORT LEWIS	3016	LA PLATA	COLORADO	37	14	108 03	7610	M	6P	6P	42	48	AGRICULTURAL SCHOOL	2 3 5	
FORT LUPTON 4 MI. E	3027	WELD	PLATTE	40	05	104 43	4906	M				3D	38	JOSEPH P. AMATO	2 3 5
FORT MORGAN 1 MI. N	3038	MORGAN	PLATTE	40	15	103 48	4321	M	8A	8A	52	53	GT. WESTERN SUGAR CO	2 3 5	
FOUNTAIN	3063	EL PASO	ARKANSAS	38	40	104 42	5546	M		7A		7	A. E. ORCUTT	3	
FOUNTAIN 6 MI. NNE	3068	EL PASO	ARKANSAS	38	47	104 37	5960	M		8A		8	RAY SHONTS	3	
FOWLER	3079	OTERO	ARKANSAS	38	07	104 01	4330	M		7A		9	D. C. BASCOM	3	
FRASER	3113	GRAND	COLORADO	39	57	105 50	8580	M	6P	6P	39	40	GEORGE PELLINI	2 3 5	
FROZE CREEK	3138	CUSTER	ARKANSAS	38	00	105 20	8200	M				7	CHARLES H. SWEAT	2 3 4	
BOULDER	0848	BOULDER	PLATTE	40	00	105 17		M	9A	9A	53	56	EMIL A. JOHNSON	2 3 5	

# STATION INDEX - Continued

COLORADO  
DECEMBER 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT.		LONG.		ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
				O	I	O	I		ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
FRUITA 1 MI. S GARDNER GATEWAY 4 MI. NE GENOA GEORGETOWN	3146	MESA	COLORADO	39	09	108	44	4525	M	6P	6P	49	50		ELSIE L. SOMMERVILLE	2 3 5 7
	3222	HUERFANO	ARKANSAS	37	46	105	11	7000	M		5P		11		J. W. VINACKE	3
	3246	MESA	COLORADO	38	42	108	56	4903	M		5P		1		WENDELL LARSEN	3
	3258	LINCOLN	KANSAS	39	17	103	30	5599	M		9P		8		A. O. MILBY	3
	3261	CLEAR CREEK	PLATTE	39	42	105	43	8570	M	5P	5P	10	21		JEROME E. DINGERSON	2 3 5
GLEN MAR GLENWOOD SPRINGS GRANADA GRAND JUNCTION AP WBAS GRAND LAKE	3345	GRAND	COLORADO	39	47	106	01	8687	M		6P		2		ALBERT M. WHITMORE	3
	3359	GARFIELD	COLORADO	39	32	107	20	5823	M	6P	6P	47	49		MAX E. GETTS	2 3 5
	3477	PROWERS	ARKANSAS	38	04	102	19		M				8		LOUIS R. COY	3 4
	3488	MESA	COLORADO	39	06	108	32	4849	M	MID	MID	58	59	1	U.S. WEATHER BUREAU	2 3 4 5 6
	3496	GRAND	COLORADO	40	16	105	50	8380	M	6P	6P	9	22		R. C. CADDELL	2 3 4 5
GRAND LAKE 4 MI. SSW GREAT DIVIDE GREELEY GREENLAND NO. 25 8 MI. SE GREENLAND NO. 26 7 MI. NE	3500	GRAND	COLORADO	40	15	105	51	8389	M	5P	5P				BUR. OF RECLAMATION	2 3 5
	3538	MOFFAT	COLORADO	40	47	107	50	6870	M				7		GEORGE W. CUMBAGE	3 4
	3546	WELD	PLATTE	40	26	104	41	4648	M	8A	8A	55	61		GT. WESTERN SUGAR CO.	2 3 4 5
	3579	EL PASO	PLATTE	39	08	104	43	7350	M				8		FRED A. ROGERS	3 4
	3584	DOUGLAS	PLATTE	39	14	104	43		M				8		NANCY E. DENNIS	3 4
GREEN MOUNTAIN DAM 4 MI. SSW GREYSTONE GROVER 10 MI. W GUFFEY GUNNISON	3592	SUMMIT	COLORADO	39	53	106	20	7760	M	4P	4P	14	14		BUR. OF RECLAMATION	2 3 5 6
	3609	MOFFAT	COLORADO	40	37	108	40	6800	M	8P	VAR	12	12		L. H. BUFFHAM	3
	3643	WELD	PLATTE	40	52	104	25	5076	M	6P	6P	39	48		MRS. E. D. STINSON	2 3 5
	3654	PARK	ARKANSAS	38	45	105	32	8600	M		7P		9		LEONORA F. MOOREHOUSE	3
	3662	GUNNISON	COLORADO	38	33	106	55	7634	M	6P	6P	55	58		OWEN S. WHIPP	2 3 4 5
HAMILTON HARMON RANCH HARTSEL HASWELL HAWTHORNE	3738	MOFFAT	COLORADO	40	22	107	37		M		6P		2		MARGARET L. MANN	3
	3783	BACA	ARKANSAS	37	29	102	41	4600	M		6P		5		W. W. HARMON	3
	3811	PARK	PLATTE	39	02	105	48	8866	M		6P		40		BESSIE C. HANLIN	3 4
	3828	KIOWA	ARKANSAS	38	27	103	09	4528	M		VAR		26		OSCAR NORDSTROM	3
	3850	BOULDER	PLATTE	39	56	105	18	5923	M		6P		40		LAURA E. CHESEBRO	3
HAYDEN HERMIT 9 MI. SE RIGBEE 6 MI. SW HOLLY HOLYOKE	3867	ROUTT	COLORADO	40	30	107	15	6337	M	6P	6P	31	32		RAY GOREE	2 3 5
	3951	MINERAL	RIO GRANDE	37	45	107	07	9001	M	7P	7P	46	48		MABEL WRIGHT	2 3 5
	3982	OTERO	ARKANSAS	37	43	103	30	4250	M		8A		8		MRS. E. L. RIDENNOURE	3
	4076	PROWERS	ARKANSAS	38	03	102	07	3385	M	6P	6P	43	51		VINSON PORTERFIELD	2 3 5
	4082	LINCOLN	PLATTE	40	35	102	18	3745	M	6P	6P	40	54		F. B. FLANAGAN	2 3 5
HOYT HUGO IDAHO SPRINGS IDALIA 1 MI. SE IGNACIO 1 MI. N	4155	MORGAN	PLATTE	40	00	104	05	5000	M				8		GILBERT E. BAKER	3 4
	4172	LINCOLN	ARKANSAS	39	08	103	28		M				8		BARBARA L. MATTIX	3 4
	4234	CLEAR CREEK	PLATTE	39	45	105	33	7540	M	6P	6P	50	51		PUBLIC SERVICE CO.	2 3 5
	4242	YUMA	KANSAS	39	41	102	16	3961	M		8A		8		EADS W. LEHMAN	3
	4250	LA PLATA	COLORADO	37	08	107	38	6255	M	5P	5P	35	35		CONSOLIDATED UTE AGCY	2 3 5
INDEPENDENCE PASS JAROSO JOES JOHN MARTIN DAM JULESBURG	4270	PITKIN	COLORADO	39	05	106	37	10500	M		6A		2		DAVID P. STALLARD	3
	4346	COSTILLA	RIO GRANDE	37	00	105	38	7579	M	5P	5P	9	13		IRA E. FRANCIS	2 3 5
	4380	YUMA	KANSAS	39	39	102	41		M				8		LAVERN C. BUSTER	3 4
	4388	BENT	ARKANSAS	38	05	102	57	3820	M	8A	4P	9	9	8	U.S. ENGINEER OFFICE	2 3 4 5 6
	4413	SEDGWICK	PLATTE	41	00	102	15	3469	M	SS	MID	38	45		J. W. MCNAMARA	2 3 5
KARVAL 5 MI. N KASSLER KAUFFMAN 4 MI. SSE KIM 16 MI. N KIT CARSON	4444	LINCOLN	ARKANSAS	38	48	103	31	5104	M		7P		8		J. C. WESTLUND	3
	4452	JEFFERSON	PLATTE	39	30	105	06	5495	M	4P	4P	35	46		R. MCILVEEN	2 3 5
	4460	WELD	PLATTE	40	50	103	56	5250	M	SS	SS	12	12		THYRA NELSON	2 3 5
	4538	LAS ANIMAS	ARKANSAS	37	27	103	20	5240	M						ROBERT L. PLATT	2 3 4
	4603	CHEYENNE	ARKANSAS	38	46	102	47	4284	M	6P	6P	13	18		O. A. MCREYNOLDS	2 3 5
KLINE 3 MI. W KREMMLING KUTCH LA JUNTA AP CAA LAKE CITY	4614	LA PLATA	COLORADO	37	07	108	11	6619	M		SS		6		RAYMOND B. FLEET	3
	4664	GRAND	COLORADO	40	04	106	24	7322	M	5P	5P	3	3		B. B. DAWSON	2 3 4 5
	4684	ELBERT	ARKANSAS	38	55	103	52		M				7		RED WEBER	3 4
	4720	OTERO	ARKANSAS	38	03	103	31	4190	M	MID	MID	4	21		U.S. AIRWAY COM. STA.	2 3 5
	4734	HINSDALE	COLORADO	38	03	107	19	8886	M		9A				EMMA L. LASKA	3
LAKE GEORGE 8 MI. SW LAKE MORaine LAMAR LAS ANIMAS 1 MI. N LA VETA PASS	4742	PARK	PLATTE	38	55	105	29		M				8		CHARLES J. DAVIS	3 4
	4750	EL PASO	ARKANSAS	38	49	105	01	10265	M	6P	6P	54	55		COLO. GAME & FISH DEPT.	2 3 5
	4770	PROWERS	ARKANSAS	38	04	102	37	3642	M	MID	MID	58	60		FRANK E. MAIN	2 3 5
	4834	BENT	ARKANSAS	38	04	103	13	3892	M	5P	5P	63	67		AMER. CRYST. SUGAR CO.	2 3 5
	4870	COSTILLA	ARKANSAS	37	28	105	10	9242	M		6P		40		V. SPROUSE	3
LEADVILLE NO. 1 LE ROY LIME 3 MI. SE LIMON 5 MI. SW LIMON	4884	LAKE	ARKANSAS	39	16	106	18	10177	M	MID	MID	46	53		F. H. VANPELT	2 3 4 5
	4945	LOGAN	KANSAS	40	29	103	01	4390	M		8P		60		ALBERT LINDSTROM	3
	5001	PUEBLO	ARKANSAS	38	07	104	35	4900	M		8A		8		MARY WYATT	3
	5015	ELBERT	ARKANSAS	39	12	103	44	5360	M	6P	6P	38	39		MRS. V. LANDEMAN	2 3 5
	5017	LINCOLN	ARKANSAS	39	16	103	41	5360	M	MID	MID	1	1		MRS. G. A. BELL	2 3 5
LITTLE DOLORES LITTLE HILLS LONGMONT 2 MI. SSE LONGMONT 6 MI. NW LONGS PEAK	5040	MESA	COLORADO	38	56	108	52	6700	M		6P		7		F. A. SHUGER	3
	5048	RIO BLANCO	COLORADO	40	00	108	12	6200	M	6P	6P	3	3		COLO. GAME & FISH DEPT.	2 3 5
	5116	BOULDER	PLATTE	40	10	105	04	4950	M	8A	8A	48	48		GT. WESTERN SUGAR CO.	2 3 5
	5121	BOULDER	PLATTE	40	15	105	08		M				8		CHARLES L. MEADOR	3 4
	5141	LARIMER	PLATTE	40	17	105	34	9000	M	9A	9A	49	51		R. L. FAGAN	3
MANASSA MANCOS MANITOU SPRINGS MARSHALL PASS MARVINE	5322	CONEJOS	RIO GRANDE	37	11	105	57	7700	M	5P	5P	47	47		JAMES R. JACK	2 3 5
	5327	MONTEZUMA	COLORADO	37	21	108	17	7035	M		10A		2		DELPHIA MALLETT	3
	5352	EL PASO	ARKANSAS	38	52	104	56		M				6		HARRY KLEWER	3 4
	5394	SAGUACHE	ARKANSAS	38	24	106	15	10845	M		7A		2		GUSTAVUS A. LATHAM	3
	5408	RIO BLANCO	COLORADO	40	00	107	35	7200	M		5P		2		GUY M. STEALEY	3
MEEKER MEEKER 3 MI. NW MESA VERDE NATL PARK MIDWAY MITCHELL 22 MI. E	5484	RIO BLANCO	COLORADO	40	02	107	55	6240	M	SS	SS	43	45		R. G. LYTTLE, JR.	2 3 4 5
	5489	RIO BLANCO	COLORADO	40	08	108	00	6500	M	6P	6P	19	19		F. A. HAUSSER	2 3 5
	5531	MONTEZUMA	COLORADO	37	12	108	30	6960	M	5P	5P	26	26		SUPT. MESA VERDE PARK	2 3 4 5
	5564	EL PASO	ARKANSAS	38	37	104	40		M				8		MARY H. HANNA	3 4
	5667	BACA	ARKANSAS	37	04	102	14	4375	M		7A				J. F. BUTCHER	3
MONARCH PASS MONTE VISTA MONTROSE NO. 1 MONTROSE NO. 2 MONUMENT 2 MI. W	5695	CHAFFEE	ARKANSAS	38	31	106	22		M				8		HAROLD W. LOCKETT	5
	5706	RIO GRANDE	RIO GRANDE	37	34	106	09	7675	M	7A	7A	16	16		BUR. OF RECLAMATION	2 3 4 5
	5717	MONTROSE	COLORADO	38	29	107	53	5830	M	8A	8A	60	61		UNCOMPAGNE VAL. W.U.A	2 3 5 6
	5722	MONTROSE	COLORADO	38	29	107	53	5830	M		6P				MELVIN SHARP	2 3 5
	5730	EL PASO	ARKANSAS	39	05	104	56	7400	M	6P	6P	33	38	9	U.S. FOREST SERVICE	2 3 4 5
MOUNT MORRISON 1 MI. SW MULE SHOES LODGE NEW RAYMER NORTHDALE NORTH LAKE	5805	JEFFERSON	PLATTE	39	39	105	14		M				8		LAWRENCE M. KNOLLE	3 4
	5819	HUERFANO	ARKANSAS	37	35	105	10		M				8		ALFRED O. PETERSON	3 4
	5922	WELD	PLATTE	40	36											

# STATION INDEX - Continued

COLORADO  
DECEMBER 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. LONG. ELEV. (FT.)			TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES		
				O	/	O	/	ELEV. (FT.)	ZONE	TEMP.	PRECIP.	TEMP.			PRECIP.	EVAP.
NORWOOD NUNN OIL SHALE MINE OLATHE 6 MI. W ORDWAY	6012 6023 6073 6081 6131	SAN MIGUEL WELD GARFIELD MONTROSE CROWLEY	COLORADO PLATTE COLORADO COLORADO ARKANSAS	38 08 40 38 39 33 38 36 38 13	108 17 104 45 107 56 108 04 103 45	7017 104 45 8200 5488 4300	M M M M M	7P 8A 8A VAR VAR	7P 8A 8A VAR VAR	20 2 2 8 32	20 1 1 8 32		ED JOSEPH LLOYD A. GIFFIN BUREAU OF MINES MOLLIE PATTERSON W. R. FERGUSON	2 3 5 3 4 2 3 5 3 3		
OTIS 11 MI. NE OURAY OVID PAGOSA SPRINGS PALISADE 1 MI. S	6192 6203 6225 6258 6266	WASHINGTON OURAY SEDGWICK ARCHULETA MESA	KANSAS COLORADO PLATTE COLORADO COLORADO	40 18 38 01 40 57 37 16 39 07	102 51 107 41 102 22 107 01 108 21	4500 7720 3531 7108 4740	M M M M M	7P 6P 5A 5P 7P	7P 6P 5A 5P 7P	8 2 9 28 34	8 9 8 29 38		E. E. LINDGREN CARL J. ABELN GT. WESTERN SUGAR CO. U. S. FOREST SERVICE PUBLIC SERVICE CO.	3 2 3 4 5 8 2 3 5 2 3 5		
PALISADE LAKE PAOLI PAONIA 3 MI. SE PARADOX 2 MI. SE PARKER 9 MI. E	6271 6299 6307 6315 6326	HINSDALE PHILLIPS DELTA MONTROSE ELBERT	COLORADO PLATTE COLORADO COLORADO PLATTE	37 30 40 38 38 51 38 22 39 31	107 10 102 28 107 34 108 57 104 38	7721 104 38 6200 5280 6300	M M M M M	5P 7A 7P 7P SS	5P 7A 7P 7P SS	2 8 46 7 18	2 8 51 7 22		WEST J. CARLIN OSCAR W. LOHN ERLE DE WOODY ALEX J. CAMPBELL LOUIS D. RUGGLES	3 3 4 2 3 5 2 3 5 2 3 4 5		
PEARL PENROSE 3 MI. NNW PEVERLY RANCH PITKIN PLACERVILLE	6382 6410 6438 6513 6524	JACKSON FREMONT ELBERT GUNNISON SAN MIGUEL	PLATTE ARKANSAS ARKANSAS COLORADO COLORADO	40 58 38 27 39 00 38 36 38 02	106 34 105 04 103 44 106 32 108 04	8500 5530 5450 9200 7282	M M M M M	6P 7P 8A 6P 6P	6P 7P 8A 6P 6P	16 25 8 39 2	24 25 8 39 2		BURR LOBDLELL BEAVER PARK CO. ERNA T. HASS ROBERT A. RAY NORA L. RUFFE	2 3 5 3 3 3 3		
PRITCHETT 5 MI. ESE PUEBLO AP WBAS 3 MI. SW PUEBLO CITY RESERVOIR PUEBLO FIRE STA. NO. 2 PUEBLO FIRE STA. NO. 5	6705 6738 6743 6748 6753	DACA PUEBLO PUEBLO PUEBLO PUEBLO	ARKANSAS ARKANSAS ARKANSAS ARKANSAS ARKANSAS	37 19 38 14 38 17 38 16 38 17	102 43 104 38 104 39 104 36 104 37	4390 4799 4687 4699 4801	M M M M M	6P MID 7A 8A 8A	6P MID 7A 8A 8A	5 56 70 4 4	5 70 51 7 4	7	N. W. HARBOUR U. S. WEATHER BUREAU E. W. STONE CITY ENGINEER CITY ENGINEER	3 2 3 4 5 6 3 3 3		
PYRAMID RABBIT EARS PASS REDCLIFF RED FEATHER LAKES RICO	6797 6811 6917 6925 7017	ROUTT ROUTT EAGLE LARIMER DOLORES	COLORADO COLORADO COLORADO PLATTE COLORADO	40 16 40 23 39 31 40 48 37 41	107 07 106 40 106 22 105 36 108 02	8500 8608 8363 8824	M M M M M	VAR 5P 5P 5P 6P	VAR 5P 5P 5P 6P	2 19 8 8 47	2 8 19 8 47		FERN E. WINTER CHESTER V. PIERCE JOSEPH H. FEAR T. E. DUNNING GEORGE E. HICKS	3 3 4 2 3 4 5 2 3 5 3		
RIFLE RIO GRANDE RESERVOIR ROCKY FORD 2 MI. ESE RUSH 2 MI. NNE RYE	7031 7050 7167 7287 7315	GARFIELD HINSDALE OTERO EL PASO PUEBLO	COLORADO RIO GRANDE ARKANSAS ARKANSAS ARKANSAS	39 31 37 43 38 02 38 52 37 48	107 47 107 16 103 42 104 05 104 55	5500 9200 4177 5800 6790	M M M M M	MID MID 6P MID 6P	MID MID 6P MID 6P	34 34 60 4 5	34 8 60 32 5		R. W. RICHARDS B. F. PALMER COLO. EXPERIMENT STA. R. B. RAPP J. W. YOST	2 3 4 5 6 2 3 5 3 2 3 5		
SAGUACHE SALIDA SAN LUIS SAN LUIS LAKES 3 MI. W SANTA MARIA RESERVOIR	7337 7370 7428 7433 7450	SAGUACHE CHAFFEE COSTILLA ALAMOSA MINERAL	RIO GRANDE ARKANSAS RIO GRANDE RIO GRANDE RIO GRANDE	38 05 38 32 37 12 37 39 37 48	106 08 106 00 105 27 105 48 107 07	7697 7050 7530 7530 9300	M M M M M	5P 4P 8A 8A 8A	5P 4P 8A 8A 8A	52 41 3 3 8	53 42 8 3 8	2	CLARENCE R. ICKES CHAMBER OF COMMERCE JOSE A. OLIVAS JOSEPH M. CROW CLARENCE H. SHOCK	2 3 4 5 2 3 5 3 4 2 3 5 6 5		
SARGENTS 6 MI. W SEDALIA 6 MI. S SEDGWICK SHAW SHOSBONE	7461 7505 7513 7557 7618	SAGUACHE DOUGLAS SEDGWICK KANSAS GARFIELD	COLORADO PLATTE PLATTE KANSAS COLORADO	38 24 39 22 40 56 39 33 39 34	106 28 105 00 102 31 103 21 107 14	8125 6167 3583 5861 5918	M M M M M	8A 8A 9A M 6P	8A 8A 9A M 6P	2 8 40 6 39	2 8 42 6 39		JOHN R. HICKS GEORGE B. MANHART L. D. MUNSON ROBERT B. SMITH PUBLIC SERVICE CO.	3 3 2 3 5 3 4 3		
SILVER LAKE SILVERTON 2 MI. NE SIMLA SPICER 4 MI. NE SPRINGFIELD	7648 7656 7664 7848 7862	BOULDER SAN JUAN ELBERT JACKSON BACA	PLATTE COLORADO ARKANSAS PLATTE ARKANSAS	40 02 37 48 39 09 40 29 37 24	105 36 107 40 104 05 106 25 102 36	10200 9415 8300 4400	M M M M M	5P 5P 8S M M	5P 5P SS 7A 7A	42 42 35 44 44	42 42 38 38 44		CITY ENGINEER WESTERN COLO. POWER CO U. S. SOIL CONSERV. IRENE MCGOWAN BEN COOK	3 2 3 4 5 3 4 2 3 5 3		
SPRINGFIELD 8 MI. S STATE TURKEY EXP FARM STEAMBOAT SPRINGS STERLING STONINGTON 6 MI. E	7867 7928 7936 7950 7992	BACA ARCHULETA ROUTT LOGAN BACA	ARKANSAS COLORADO COLORADO PLATTE ARKANSAS	37 17 37 13 40 30 40 37 37 18	102 37 107 16 108 50 103 12 102 04	4500 6900 6770 3939 4300	M M M M M	8A 6P SS 8A 7A	8A 6P SS 8A 7A	1 4 45 39 8	1 4 46 46 8		U. S. SOIL CONSERV. MARTIN L. BURGET R. WAYNE LIGHT GT. WESTERN SUGAR CO. ORLEN HARVEY	2 3 4 5 2 3 5 2 3 5 2 3 5 3		
STRATTON SUGARLOAF RESERVOIR SUMMITVILLE 1 MI. S SUNBEAM 7 MI. SW TAYLOR PARK	8008 8064 8092 8100 8184	KIT CARSON LAKE RIO GRANDE COLORADO GUNNISON	KANSAS ARKANSAS RIO GRANDE COLORADO COLORADO	39 18 39 16 37 26 40 30 38 49	102 35 106 22 106 36 103 16 106 38	4404 10000 11330 5861 9206	M M M M M	6P 6P 5P 6P 6P	6P 6P 5P 6P 6P	15 2 13 22 9	16 2 13 22 9	1	HARRY H. GREENWOOD FRANK DORRINGTON ROBERT L. JONES W. C. GROUNDS UNCOMPAGRE VAL. W. U. A	2 3 5 2 3 5 6 2 3 4 5 2 3 5 2 3 5		
TELLURIDE TENNESSEE PASS TERCIO 5 MI. W TRINIDAD TRINIDAD AP CAA HOEHNE	8204 8212 8220 8429 8434	SAN MIGUEL LAKE LAS ANIMAS LAS ANIMAS LAS ANIMAS	COLORADO COLORADO ARKANSAS ARKANSAS ARKANSAS	37 57 39 20 37 04 37 10 37 16	107 49 106 20 105 03 104 30 104 20	8756 10245 6300 6300 5739	M M M M M	4P M 7P MID MID	4P 8A 7P MID MID	41 40 46 53 38	40 2 6 53 40		WINNIPRED ELDER FRED G. REHLAN ELIAS TERRES FRONTIER POWER CO. U. S. AIRWAY COM. STA.	2 3 4 5 3 3 4 2 3 5 2 3 4 5		
TROUT LAKE TROY 7 MI. SE TWO BUTTES UTLEVILLE VALLECITO DAM	8454 8468 8510 8574 8582	SAN MIGUEL LAS ANIMAS BACA BACA LA PLATA	COLORADO ARKANSAS ARKANSAS ARKANSAS COLORADO	37 50 37 05 37 33 37 16 37 24	107 53 103 12 102 23 103 02 107 33	9700 5735 4065 5000 7850	M M M M M	5P 6P 6P 8S 5P	5P 6P 6P 8S 5P	35 8 50 28 6	35 8 54 28 11	1	WESTERN COLO. POWER CO CECIL SHANNON W. H. MYERS LOIS DOWELL BUR. OF RECLAMATION	3 3 2 3 5 3 2 3 5 6		
VONA WAGON WHEEL GAP 3 MI. N WALDEN WALSENBURG WATERDALE	8722 8742 8756 8781 8839	KIT CARSON MINERAL JACKSON HUERFANO LARIMER	KANSAS RIO GRANDE PLATTE ARKANSAS PLATTE	39 18 37 46 40 44 37 38 40 25	102 44 106 49 106 18 104 47 105 12	4500 8500 8340 6200 5200	M M M M M	6P 7A 4P 6P 7P	6P 7A 4P 6P 8A	15 24 19 12 44	16 24 19 14 54	8	RAY L. FORD G. A. WINTZ D. M. DONOHOE GEORGE W. THURSTON P. H. BOOTHROYD	3 2 3 4 5 6 2 3 5 2 3 4 5 2 3 5		
WESTCLIFFE WESTCREEK WETMORE 5 MI. S WHITE ROCK WILCOX RANCH 4 MI. SE	8931 8939 8986 8997 9045	CUSTER TELLER CUSTER PUEBLO DELTA	ARKANSAS PLATTE ARKANSAS ARKANSAS COLORADO	38 08 39 08 38 10 37 51 38 55	105 29 105 05 105 05 104 07 107 32	7880 5300 5300 5950	M M M M M	7P M 6P M M	7P M 6P M M	45 7 2 9 7	46 7 2 9 7		M. O. RANKIN U. S. FOREST SERVICE RAY G. ANDIS WINTHROP S. DAVIS WILLIAM E. WILCOX	2 3 5 3 4 2 3 5 3 4 3 4		
WILLOW CREEK 4 MI. SE WINDSOR WINTER PARK WOLF CREEK PASS 4 MI. W WOODLAND PARK 8 N	9103 9147 9175 9183 9210	ROUTT WELD GRAND MINERAL TELLER	COLORADO PLATTE COLORADO COLORADO PLATTE	40 18 40 29 39 54 37 29 39 06	107 16 104 51 105 46 106 52 105 05	7250 4791 9058 9425	M M M M M	VAR 8A 8A 5P M	VAR 8A 8A 5P M	17 8 9 11 7	18 8 9 11 7		W. E. TUTT GT. WESTERN SUGAR CO. H. L. MCPETERS ETHEL RODMAN U. S. FOREST SERVICE	3 3 3 2 3 5 3 4		

# STATION INDEX - Continued

COLORADO  
DECEMBER 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT.		LONG.		ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
				O	'	O	'		ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
WRAY YAMPA YUMA	9243	YUMA	KANSAS	40	04	102	13	3512	M	6P	6P	50	51		J. M. F. WHISSEN CHARLES R. SIMMON MUNIC. POWER&LIGHT CO.	2 3 5
	9265	ROUTT	COLORADO	40	09	106	54	7890	M	5P	5P		2			3
	9295	YUMA	KANSAS	40	08	102	44	4128	M	6P	6P	9	59			2 3 5
RE-ESTABLISHED STATION																
SAPINERO 8 MI. E GRAFT 2 MI. NNE	7455	GUNNISON	COLORADO	38	28	107	10	7800	M	5P	5P				EDNA L. STEFAN MRS. C. L. HENRY	2 3 5
	3463	BACA	ARKANSAS	37	27	102	53	4950	M		4P					3

### REFERENCE NOTES

The four digit identification numbers in the Index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

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

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- No record.
- + And also on later dates.
- \* Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- 6 Precipitation measured at 6-hourly intervals, no recording gage.
- B Adjusted to a full month.
- E 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; see Table 5 for detailed daily record.
- R Station equipped with recording gage only. All amounts in Table 3 are for non-recording gages, except for stations with this reference.
- S Storage precipitation station. Precipitation measurements, made at irregular intervals, will be published in the June issue of this publication.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- Z Hourly amounts from recording gage at the same site may be found in Table 4.
- SS This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 15¢ per copy; \$1.50 a year. (Yearly subscription includes Annual Summary). Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, 811 Fidelity Building, Kansas City, Missouri.

### CORRECTIONS

August 1948, Table 6, Pueblo AP WBAS 3 SW, Station Name should have been Pueblo City Reservoir. September 1948, Table 2, Paradox 2 SE, Average Temperature should be 69.8. Table 5, Paradox 2 SE, Average Minimum Temperature should be 52.5. Table 2, Alamosa WB Airport, delete Temperature and Precipitation Departures. Table 2, Conejos 3 NNW, add Temperature Departure 1.5. Table 2, Cumbres, Number of Days with Minimum 32° or Below should be 7, and Date of Lowest Temperature should be 21+. Table 2, Georgetown, add Temperature Departure 2.6 and Precipitation Departure -0.80. Table 2, Holly, add Temperature Departure 1.5 and Precipitation Departure 0.16. Table 2, Montrose No. 2, add Temperature Departure 3.9 and Precipitation Departure -0.61.

Colorado -- W.B.O., Washington, D.C. -- 3-21-49 -- 1500

U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

COLORADO

ANNUAL SUMMARY 1948

Volume LIII No. 13



E. B. Gittings, Section Director - Denver

## GENERAL SUMMARY

The mean temperature for the State was 44.8° or 0.4° below the average for the past 62 years. Excess departures were recorded in all months except January, February, March, June and November. The greatest excess occurred in September when the State averaged 3.6° above normal, while the greatest deficiency was in March when the average was 6.6° below normal. The highest temperature for the year, 106°, occurred at Fort Lupton on June 16. The lowest, -50°, was recorded at the Alamosa Airport Station on January 28.

Precipitation averaged 14.89 inches, or 1.62 inches below the 62-year average. January, February, March, June and December were above normal, while the remaining months were below, with the greatest deficiency, 0.74 inch, occurring in July. The greatest excess, 0.86 inch, was recorded in June. The greatest monthly amount was 12.07 inches at Wolf Creek Pass in February, and the least, 0.00 inch, at Box Ranch in April, Olathe in May, Lime (near) in September, and Las Animas and Parker in October. The greatest amount of precipitation in any twenty-four consecutive hours, 4.38 inches, occurred at Springfield (near), Baca County, on August 6. Snowfall for the year averaged 80.4 inches, or 5.1 inches above the 52-year normal. The greatest monthly snowfall was 111.0 inches at Cumbres in March.

The first three months of the year were cold with abnormal precipitation, mostly snowfall, resulting in snowslides that claimed the lives of three men during January, and was unusually hard on livestock. During February a storm on the 11th disrupted traffic in many sections and trapped motorists behind snowslides in the mountains. Conditions were also detrimental to agriculture and livestock interests. Numerous snowslides which disrupted traffic occurred in March, and the severe weather required heavy feeding of livestock which showed considerable shrinkage.

April was much milder with a temperature excess and a deficiency in precipitation, furnishing ideal weather for soil preparation, spring calving and lambing, and other agricultural interests. By the close of the month, planting of grains was nearing completion and a high percentage of row crops and garden truck was in the ground. Livestock recovered well and movement to summer ranges was general.

May temperatures were also above normal and precipitation deficient, although the departures were not as great as during April. A severe local windstorm near Colorado Springs brought death to a boy on the 4th, and a farmer was killed by lightning near Aurora on the 30th. Generally adverse agricultural weather prevailed during May, mainly due to lack of moisture. Some wheat fields were abandoned due to dryness, and the sugar beet stand was only fair. Rains toward the close of the month were helpful and greatly improved planting and soil conditions. Ranges were fair to good and livestock were maintained in good condition.

Temperatures were normal in June while the precipitation excess was the greatest for the year. These conditions were highly beneficial to agricultural activities and most crops made excellent showing. Heavy hail causing extreme crop and property damage, occurred at Graybill on the 8th, Leroy and Wray on the 14th, Bennett and Strasburg on the 18th, and in the Holyoke area on the 25th.

Temperatures continued above normal for most of the remainder of the year, while precipitation was deficient through November. On July 15, a \$500,000 hail loss occurred in the Watkins and Stratton areas. A man was killed by lightning at Meeker on the 20th. Heavy rains on the 27th caused a flash flood in the Holly section which damaged a railroad and several highway bridges, and halted traffic for several hours. Heavy hail fell in the Florence-Penrose areas on August 13, resulting in fruit crop, truck garden and livestock losses of \$400,000. A \$15,000 crop loss from hail occurred south of Sedgwick on the 18th. Weather conditions during August were somewhat adverse to the best agricultural interests.

September was dry and warm. Precipitation was less than fifty percent of normal and the temperature excess was 3.6°. Crops matured prematurely, resulting in reduced yield. Ranges dried and heavy feeding resulted. Livestock, however, continued in good to excellent condition with a heavy movement of grass-fed animals to market. Hail damage was heavy in western Prowers and eastern Bent counties on the 7-8th.

Temperatures were near normal for October, while moisture was deficient. Conditions were ideal for harvesting but too dry for soil preparation and planting of fall grains. The first killing frost of the season occurred at most stations from the 5th to the 29th, with the 7th predominating.

November was cool with near normal precipitation. Winter grains were benefited by increased moisture. From the 17th to the 20th, a severe wind and snowstorm prevailed over the extreme northeast and extreme east-central areas. Snowfall was comparatively light but winds reached gale proportions in many localities, producing huge snow drifts which halted traffic, marooned motorists, and caused losses exceeding \$250,000 to property and livestock.

Temperatures returned to near normal during the closing month, with precipitation exceeding the average for the first time in seven months. Strong winds were frequent throughout the month, resulting in drifting snow and duststorms on the 4th, 20th, and 28th. The year closed much too dry for agricultural interests.

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## ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

# AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

COLORADO  
1948

Table 1

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure
Akron AP CAA	24.9	-0.7	23.8	-4.9	30.2	-5.7	51.3	5.3	57.6	1.5	65.8	-0.5	72.4	-0.2	72.4	0.9	67.1	4.6	50.2	-0.5	33.1	-3.5	26.7	-1.3	48.0	0.5
Alamosa	13.4	-2.8	15.0	-8.4	26.4	-7.0	44.8	2.3	52.2	1.6	58.8	-0.7	63.4	-0.2	62.1	-0.6	56.2	0.7	41.7	2.8	26.5	-3.9	22.4	2.7	40.2	1.8
Alamosa WB Airport	13.1	-	16.4	-	26.2	-	44.6	-	51.9	-	58.8	-	64.2	-	62.6	-	56.7	-	42.0	-	24.7	-	23.3	-	40.8	-
Allens Park	20.8	-	22.9	-	22.8	-	38.7	-	46.6	-	53.8	-	60.8	-	61.2	-	56.3	-	42.0	-	25.6	-	23.7	-	39.6	-
Arriba	27.4	0.0	27.6	-2.6	31.2	-5.7	51.7	5.4	56.8	1.7	-	-	71.3	-0.5	71.5	0.9	67.7M	5.6	-	-	34.4	-3.6	28.1M	0.7	-	-
Aspen	19.8	1.0	21.6	-1.1	25.0	-4.2	37.9	-1.7	48.4	0.5	54.5	-0.9	60.4	-1.5	59.0	-0.6	57.2	3.3	44.8	1.2	33.2	4.9	22.8	0.2	39.7	0.9
Aspen 2	23.7	-1.1	24.6	-0.4	24.8	-7.2	40.2	0.7	48.1	1.2	56.8	0.4	62.0	0.3	61.9	1.4	57.7	3.8	44.2	0.1	30.8	-	27.2	0.1	41.9	-
Boulder	31.0	-1.3	31.0	-2.4	35.2	-4.4	53.2	5.0	60.1	3.8	68.2	2.4	75.2	3.6	75.0	4.4	69.7	6.9	55.0	2.8	39.9	1.5	33.3	-0.3	52.3	1.7
Sox Ranch	-	-	-	-	31.8	-8.9	54.6	5.2	57.9	0.0	66.4	-0.5	72.6	-0.1	71.9	0.0	69.0M	5.7	-	-	-	-	-	-	-	-
Suena Vista 2 S	24.8	1.8	25.8	-1.0	25.4	-7.8	40.2	0.3	46.2	-2.4	56.0	-0.5	59.8	-1.4	59.5	-0.1	59.5	6.1	48.5	4.6	29.0	-3.3	23.5	0.0	42.0	0.2
Burlington	28.6	0.2	28.0	-4.2	33.1	-6.2	54.8	6.1	60.4	2.3	68.0	0.2	74.0	-0.5	73.5M	2.2	68.4M	3.2	53.8M	0.8	35.5M	-4.4	30.8M	0.6	50.8	-0.1
Syers	27.3	-0.6	27.4	-3.2	32.5	-4.7	50.4	3.8	58.4	2.7	67.0	0.3	73.1	0.5	73.2	2.2	68.7M	6.2	41.5M	0.1	31.8M	-1.6	30.4	-0.3	49.7	0.6
Canon City	34.0	-1.9	32.7	-4.1	36.2	-5.9	54.0	2.7	61.8	2.1	67.9	-1.3	74.8	0.6	73.6	0.7	68.5	3.3	56.1	1.8	42.0	1.9	37.0	0.3	53.1	0.4
Cedredge	24.6	-1.7	28.8	-2.6	33.0	-5.8	48.2	0.6	57.9	1.8	63.1	-1.6	69.2	-1.9	67.5	-1.7	63.4	2.0	49.5	-0.9	30.8	7.2	30.6	2.4	47.2	-1.4
Center	14.6	-	16.2	-	23.0	-	45.6	-	-	-	-	-	63.4	-	63.3	-	55.3	-	41.3M	-	24.5	-	19.4M	-	-	-
Cheesman	25.8	-2.7	25.6	-4.5	29.2	-6.4	45.4	1.4	53.6	2.2	60.8	-0.8	67.0	0.3	65.5	0.2	61.8	3.2	47.7	-0.6	34.1	3.7	32.0	1.7	45.7	-0.7
Cheyenne Wells	24.5	-4.2	25.6	-5.8	31.3	-7.9	55.2	5.9	-	70.0	1.1	74.4	-0.5	74.5	0.8	68.9	3.8	53.4	0.3	35.8	-4.0	31.4M	1.4	-	-	
Cochetopa Creek	15.1	-	18.4	-	23.4	-	39.4	-	49.7	-	55.2	-	60.2	-	59.3	-	55.1	-	31.7	-	11.5	-	-	-	37.2	-
Colbran	19.5	-2.3	24.2	-3.5	28.4	-7.7	46.4	0.6	56.4	2.5	61.0	-1.4	66.6	-2.0	63.9	-2.8	59.2	0.5	46.3	-1.1	27.7	-7.3	34.1	0.1	43.7	-2.0
Colorado Nat. Mon.	26.2	-	31.9	-	35.0	-	52.8	-	64.0	-	70.3	-	77.6	-	74.4	-	69.8	-	30.4M	-	30.4M	-	30.4M	-	-	-
Colorado Springs WB Apt.	-	-	-	-	-	-	-	-	-	-	-	-	70.0	1.7	68.8	-	64.4	-	50.1	-	34.1	-	30.0	-	-	-
Conejos 3 NNW	16.5	-	16.7	-	20.6	-	43.4	1.2	50.3	-0.3	56.3	1.6	62.2	-1.1	62.5	-	58.8	1.5	44.9	-0.6	26.7	-	24.2	-	40.3	-
Cortez	28.9	2.8	31.5	0.2	33.4	-4.6	49.1	3.5	57.3	3.1	63.4	0.4	71.0	1.8	69.6	2.0	63.9	3.9	50.7	1.5	33.2	-2.7	30.4	2.0	48.5	1.1
Craig	13.6	-4.6	19.4	-2.4	25.6	-6.0	43.8	1.3	52.8	1.5	60.9	2.3	66.4	0.5	65.4	0.5	59.7	4.2	45.6	0.5	26.9	-4.1	20.2	-1.7	41.7	0.7
Crested Butte	13.5	0.6	17.0	0.6	18.6	-4.2	32.1	-0.7	44.7	1.3	51.0	-0.6	56.3	-0.5	54.6	-0.8	52.5	4.7	39.7	2.3	17.4	-7.3	15.2	0.0	34.4	0.4
Cripple Creek	22.2	-0.2	22.2	0.0	21.8	-4.7	37.4	2.1	45.0	1.4	51.6	-0.6	57.8	-0.4	59.4	1.4	56.8	5.1	43.9	2.2	27.2	4.3	24.5	-0.4	39.2	-
Cumbres	17.0	-	17.5	-	17.1	-	32.3	-	42.2	-	48.6	-	55.0	-	53.6M	-	50.3	-	38.5	-	19.6	-	17.9	-	34.2	-
Del Norte	21.1	0.9	21.4	-4.8	24.6	-9.3	44.0	1.5	53.0	2.0	58.5	0.1	62.9	-0.2	61.7	0.1	58.8	3.3	45.7	-0.4	28.4	-4.8	23.7	0.6	42.0	-0.9
Delta	23.5	-1.0	29.1	-3.4	37.3	-4.4	52.6	1.8	62.8	3.1	68.4	0.4	73.8	-0.4	71.6	-0.3	66.6	3.3	52.4	1.1	32.7	-5.0	31.2	4.5	50.2	0.0
Denver WB Airport 6 ENE	26.4	-0.9	26.6	-4.1	31.4	-6.4	51.6	5.8	58.7	3.5	66.4	1.1	72.6	1.4	72.8	3.1	66.7	5.1	51.3	1.8	38.4	-1.4	29.7	0.2	49.2	0.7
Denver WB City	30.0	0.2	30.1	-2.6	33.7	-5.6	53.2	6.1	59.7	3.5	67.2	0.9	74.2	2.0	74.0	3.3	68.3	5.1	53.0	1.8	38.7	-1.1	32.4	0.1	51.2	0.4
Dillon 1 S	15.8	2.5	17.9	1.9	19.0	-2.4	33.6	1.6	43.0	1.2	49.3	0.2	54.0	-1.0	52.9	-0.8	48.9	2.0	38.1	1.5	19.6	-4.4	17.7	2.3	34.2	-0.5
Durango	27.6	3.1	29.0	-0.9	31.0	-6.2	46.9	1.9	53.6	1.1	59.1	-1.6	66.2	-0.8	65.8	0.0	60.1	1.5	48.2	0.2	31.3	-5.2	27.0	0.3	45.5	-0.4
Eads	27.6	-1.1	28.7	-4.8	32.1	-9.3	56.7	6.9	62.2	2.1	70.6	0.0	75.6	-0.6	74.4M	-0.2	69.1	2.5	54.0	0.2	37.4	-2.4	32.4	2.8	51.8	-0.3
Eagle CAA	17.6	-2.6	20.6	-4.5	25.2	-9.2	42.4	0.5	52.3	3.0	59.3	3.0	64.8	1.6	62.4	-0.1	58.6	3.7	43.7	-0.2	25.3	-7.0	17.8	-3.0	40.8	-1.2
Edgewater	29.9	-0.2	32.0	-0.8	35.4	-3.6	52.4	4.7	60.6	1.1	67.8	1.7	74.2	2.1	73.7	3.3	68.1	6.2	52.3	1.8	38.9	-0.5	31.3	0.1	51.4	1.3
Estes Park 1 N	24.0	-1.3	25.2	-2.5	27.8	3.7	43.9	4.8	51.0	3.7	58.2	2.4	64.0	2.1	61.0	2.9	57.0	4.9	47.8	3.6	33.9	0.3	26.8	1.7	43.6	1.3
Eversoll Ranch	31.3	-	-	-	-	-	60.4	-	65.2	-	73.5	-	79.2	-	76.7M	-	71.8M	-	57.3	-	42.1M	-	38.2M	-	-	-
Florence	31.7	-2.8	32.6	-3.2	35.4	-8.7	55.4	3.7	61.4	0.6	70.2	-0.5	77.0	0.5	75.5	0.8	70.2	3.0	55.5	-0.6	41.9	-0.8	36.2	-0.5	53.6	-0.7
Fort Collins	23.4	-2.8	24.4	-3.8	29.7	-6.6	49.6	3.9	56.4	1.8	64.6	0.8	70.2	0.9	68.7	0.7	64.6	5.2	48.6	0.3	35.2	-0.9	27.1	-1.0	46.9	-0.1
Fort Lewis	23.5	1.8	24.6	-1.4	25.2	-7.3	42.3	0.6	50.0	-0.2	55.0	-3.6	62.4	-2.5	61.5	0.1	56.8	1.1	44.7	-0.6	27.8	-5.7	24.5	-2.6	41.5	1.7
Fort Lupton 5 E	24.0	-2.5	23.7	-7.0	32.0	-5.5	51.6	4.2	55.8	-1.5	67.8	0.7	72.8	-0.2	70.9	-0.1	65.6	4.0	48.7	-0.9	34.8	-0.1	25.6	-0.2	47.9	-0.1
Fort Morgan 1 N	23.5	0.1	23.2	-5.1	30.8	-5.8	52.8	5.5	58.8	2.3	67.4	0.9	72.8	0.4	71.0	1.2	63.9	1.5	49.3	3.6	36.7M	1.1	18.8	-3.9	14.3	0.6
Fraser	13.4	1.6	16.2	0.8	18.8	-2.6	33.7	1.9	44.8	4.1	51.2	4.4	55.1	1.2	53.9	1.5	49.3	3.6	36.7M	1.1	18.8	-3.9	14.3	0.6	33.8	1.0
Fruita 1 S	25.6	1.5	31.7	-0.5	36.2	-6.0	52.4	1.3	61.8	1.8	66.8	-2.1	73.4	-2.3	71.6	-1.8	65.8	1.6	50.6	-0.7	33.1	-4.8	25.6	-1.1	49.6	-1.0
Georgetown	-	-	-	-	-	-	-	-	-	-	-	-	61.8	-	61.0	-	58.0	-	43.1	-	25.8	-	23.7	-	-	-
Glenwood Springs 3 SSE	23.3	-0.3	28.0	-1.1	34.0	-3.9	49.1	2.3	58.4	3.5	64.3	1.7	69.7	0.7	66.9	-0.7	62.9	3.0	44.9	-0.3	29.2	-6.8	23.6	-2.6	48.5	-0.4
Grand Junction WB Apt.	25.4	1.4	30.2	-2.7	35.4	-8.2	52.8	0.6	63.8	2.7	69.8	-1.6	77.1	-0.6	74.3	-1.1	69.6	3.4	54.4	1.6	32.5	-6.8	28.3	0.8	51.1	-0.9
Grand Lake	14.5	-	17.4	-	20.6	-	35.8	-	45.6	-	52.7	-	58.8	-	55.6	-	51.8	-	38.2	-	21.8	-	15.4	-	35.7	-
Grand Lake 4 SSE	-	-	-	-	-	-	-	-	-	-	-	-	51.4	-	56.6	-	54.9	-	37.7	-	19.0	-	14.2	-	-	-
Greeley	21.8	-3.1	23.3	-5.1	32.1	-5.0	53.0	5.7	61.0	4.2	69.2	2.6	73.8	1.5	71.4	-0.7	66.1	3.7	48.6	-0.9	34.1	-2.0	23.6	-2.4	48.2	0.0
Green Mountain Dam 4 SSW	16.4	0.8	17.9	-3.6	22.8	-4.5	39.3	1.2	49.1	1.3	56.6	2.1	60.8	-0.3	59.0M	-0.7	55.7	2.9	41.8	-0.4	24.6	-3.8	18.8	-1.3	38.6	-0.5
Greystone	21.2	-3.0	23.4	-3.1	24.6	-8.7	41.6	1.5	52.0	-1.1	61.1	0.3	68.2	-2.4	-	-	-	-	-	-	-	-	-	-	-	-
Grover 10 W	26.4	0.6	24.6	-3.8	30.4	-4.4	48.0	3.7	55.6	2.4	63.0	-														

# AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

COLORADO  
1948

Table 1—Continued

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure
	Sedgwick	26.0	-0.4	26.4	-2.9	31.1	-5.9	53.4	5.8	59.6	2.3	66.6	-1.8	74.8	-0.9	73.1	0.0	66.2	3.2	49.6	-1.2	33.8	-3.6	27.6	1.0	49.0
Silverton 2 S <sup>W</sup>	19.8	3.4	20.0	0.7	18.2	-6.4	33.0	0.3	43.0	1.8	48.2	-1.2	53.7	-1.5	53.0	-0.5	49.6	2.4	39.0	1.0	22.0	-4.4	18.3	0.3	34.8	-0.4
Spicer 4 S	4.5	-2.4	17.2	3.2	19.4	-5.8	36.0	0.8	46.4	2.6	54.8	2.2	58.6	-0.5	58.1	1.1	54.2	6.2	38.7	-0.5	22.0	-5.3	18.3	-0.2	36.6	-0.3
Springfield 8 S	29.4		30.4		33.4		56.4		61.0		70.1		76.2		73.8		69.1		55.2		38.3		35.4		52.4	
State Turkey Exp. Farm	37.8		29.9		30.8		44.9		52.6		58.4		64.8		64.1		59.2		48.1		30.9		26.9		44.8	
Steamboat Springs	14.2	0.1	18.4	0.1	22.3	-4.3	38.2	-0.5	48.6	0.3	56.4	1.1	60.0	-1.4	59.8	0.2	54.6	2.1	42.0	-0.1	23.3	-5.3	17.2	0.4	37.9	-0.6
Sterling	23.9	-0.6	23.7	-5.6	31.0	-6.0	52.6	4.8	59.0	2.1	66.6	-0.2	73.2	0.0	72.2	1.1	64.8	2.8	48.6	-1.8	34.1	-2.6	26.5	0.8	48.0	-0.4
Stratton	29.6	0.1	28.1	-3.9	33.2	-6.4	55.4	6.1	61.6	3.5	69.3	1.4	75.2	-0.7	74.8	0.4	69.5	4.3	54.9	0.5	35.9	-3.8	30.9	-2.1	51.6	0.0
Sugarloaf Reservoir	12.3		13.9		15.4		30.6		40.2		48.4		52.8		51.7		49.1		36.4		17.1		13.9		31.8	
Summitville 1 S	-		-		-		-		-		-		-		49.9 <sup>M</sup>		-		-		-		-		-	
Sunbeam 7 SW	17.0	-1.0	20.5	-3.1	27.4	-5.6	44.4	1.4	52.2	2.8	60.0	0.4	65.0	-1.6	64.9	-0.5	56.4	0.5	43.6	-1.8	26.0	-5.2	19.2	-2.5	41.4	-1.4
Taylor Park	11.4		13.6		13.8		28.6		43.2		50.2		56.4		54.8		51.0		38.7		17.7		9.9		32.5	
Telluride	22.1	2.1	24.8	0.8	25.4	-2.8	39.2	2.3	48.2	3.1	52.9	-0.4	58.0	-0.5	57.9	1.1	53.6	2.5	43.3	1.7	25.0	-5.4	24.4	2.3	39.5	0.4
Trinidad	29.8	-3.6	31.2	-5.0	34.3	-7.3	54.8	5.6	58.0	0.0	66.0	-1.1	71.4	-0.3	70.5	0.2	66.1	2.4	52.5	-0.8	37.3	-4.5	37.2	3.3	50.7	-1.0
Trinidad AP CAA Hoehne	26.1	-5.1	27.0	-6.2	30.6	-0.6	54.1	5.3	58.0	0.5	66.1	-0.8	72.8	1.2	71.6	1.0	67.1		52.1	-0.5	35.0	-6.5	34.1	2.4	49.6	1.3
Two Buttes	-		27.0	-6.9	33.4	-9.1	57.2	5.3	62.0	1.0	70.4	-1.1	75.8	-1.4	73.8 <sup>M</sup>	-1.7	69.1	1.6	55.3	0.0	38.5	-3.7	35.3	2.6		
Vallecito Dam	23.3	0.1	25.1		25.2	-4.8	42.8		51.0	2.9	56.7	-0.2	65.0	0.8	63.4	1.1	59.0	2.9	46.8	1.1	30.2	-4.1	25.2	-2.1	42.8	0.1
Wagon Wheel Gap 3 N	10.6	1.0	17.0	0.9	17.6	-8.1	36.4	0.5	45.2	2.2	51.1	0.5	56.0	-0.5	56.0	0.0	51.9 <sup>M</sup>	2.8	39.4 <sup>M</sup>	-0.2	21.2 <sup>M</sup>	-4.9	14.6	1.8	34.8	-0.9
Walden	15.4	-0.9	15.2	-3.1	18.6	-7.1	37.3	0.8	46.6	0.4	55.0	1.1	58.8	-1.0	57.0	-1.3	52.3	0.7	39.2	-1.3	21.8	-6.2	17.9	-0.9	36.3	-1.5
Walsenburg	30.6	-2.8	31.4	-4.7	23.2	-8.7	-		-		65.6	-1.4	70.5	-1.4	68.1	-3.4	63.2	-0.6	50.3	-4.9	36.0	-6.1	34.0	-2.8		
Waterdale	25.7	-2.9	27.3	-2.8	31.8	-5.6	51.0	4.4	55.8	1.2	63.3	-0.1	70.0	0.9	70.0	1.8	65.0	4.7	49.6	0.4	35.6	-2.3	28.1	-1.6	47.8	-0.1
Westcliffe	20.2	-3.5	21.4	-4.9	22.3	-10.9	43.2	2.2	50.4	0.7	56.6	-2.1	62.5	-0.7	61.8 <sup>M</sup>	-0.1	57.5 <sup>M</sup>	2.4	44.0 <sup>M</sup>	-0.5	27.9 <sup>M</sup>	-4.9	26.9	2.1	41.2	-1.7
Westmore 5 S	28.7		29.0		30.4		49.2		54.6		62.2		70.0		69.8		64.8		-		-		-			
Wolf Creek Pass 4 W	22.0	2.4	21.9	-0.7	21.7	-4.5	35.0	0.1	43.8		50.8		58.4		57.0	0.6	54.4	3.7	42.8	2.0	24.5	-4.6	20.2		37.7	
Wray	28.7	0.4	28.6	-2.1	33.6	-5.9	55.4	5.9	60.6	1.4	68.0	-0.9	74.2	-1.1	74.6	-1.1	68.9	4.6	51.3	-1.1	35.6	-3.4	28.7	-0.8	50.7	-0.1
Yuma	27.4		28.6		32.8		55.0		61.4		68.8		74.3		74.2		68.3		51.5		33.3		27.4		50.3	



# TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

COLORADO  
1948

Table 2

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual						
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure			
Agate	0.66	0.10	0.77	0.94	0.69	0.94	0.69	3.33	2.14	3.13	T	0.16	0.88	0.23	12.00																
Akron 4 E	0.59	0.21	0.89	0.42	3.85	1.12	4.11	1.78	3.77	0.43	2.90	1.05	0.70	0.80	0.44	-0.64	0.30	0.28	0.64	0.06	17.88	0.54									
Akron AP CAA	0.59	0.23	0.21	-0.23	0.66	-0.37	0.30	-1.81	3.85	1.12	4.14	1.78	3.77	0.43	2.90	1.05	0.70	0.80	0.44	-0.64	0.30	0.28	0.64	0.06	17.88	0.54					
Alamosa	0.69	0.43	0.45	0.32	0.26	-0.01	0.37	-0.37	0.62	-0.13	1.65	1.13	0.35	-0.85	0.81	-0.11	0.07	-0.90	0.32	-0.08	0.75	0.28	0.11	0.18	6.69	0.17					
Alamosa WB Airport	0.62	0.47	0.24	0.34	0.73		1.30		0.73		1.30		0.24	0.58	0.13					0.60	0.24										
Allen Park	1.30	0.99	2.71	1.66	1.28	1.59	0.62	0.55	1.01	1.66	0.55	1.01	1.66	0.55	1.01	1.66	0.55	1.01	1.66	0.55	1.01	1.66	0.55	1.01	1.66	0.55	1.01	1.66	0.55	1.01	1.66
Altenbern	0.41	2.19	1.88	0.71	0.13	3.02	1.42	0.89	0.21	1.68	0.92	0.92	0.21	1.68	0.92	0.92	0.21	1.68	0.92	0.92	0.21	1.68	0.92	0.92	0.21	1.68	0.92	0.92	0.21	1.68	
Ames	1.41	-0.27	2.42	0.26	3.65	0.99	3.31	0.67	1.63	-0.30	3.17	2.01	1.47	1.08	2.28	0.75	1.02	1.73	1.68	1.26	1.50	0.15	1.69	0.31	24.61	0.94					
Amy	0.27	0.16	0.99	0.40	2.97		4.43		0.89		3.14		0.07		0.00		0.18		0.11	1.61											
Arapahoe	0.27	0.16	0.99	0.40	2.97		4.43		0.89		3.14		0.07		0.00		0.18		0.11	1.61											
Aroya 9 N	0.11	0.18	0.77	0.38	2.78		2.59		2.17		1.76		0.68		0.27		0.14		0.09	11.93											
Arriba	1.06	0.82	0.74	0.28	1.95	1.12	0.70	-1.10	2.58	0.05	2.99	0.81	3.16	0.75	1.16	-1.10	0.19	-1.35	0.40	-0.62	0.80	0.28	0.71	0.18	16.08	0.34					
Artesia	-	-	1.04												0.69		0.51														
Aspen	1.57	-0.20	2.72	0.71	3.91	2.11	4.16	2.36	0.37	-1.32	1.26	0.20	1.79	0.32	1.01	-0.54	0.90	-0.61	0.99	-0.61	2.1	0.81	0.31	0.05	23.94	1.80					
Atkinson Ranch	0.27	0.16	0.99	0.40	2.97		4.43		0.89		3.14		0.07		0.00		0.18		0.11	1.61											
Ayer Ranch	1.01	0.89	1.02	1.95	1.72	2.61									3.82		0.34		0.02	0.29											
Bailley	1.26	0.82	1.42	0.98	1.08	0.00	2.27	-0.51	1.89	0.15	2.67	1.35	1.23	-1.54	1.39	-1.25	0.20	-0.97	0.40	-0.75	0.47										
Big Springs Ranch	0.46	0.24	0.48	0.42	0.97	4.35	1.72								3.49		0.00		0.03												
Blanca	0.42	-0.26	0.40	-0.64	0.34	-0.64	0.40	-1.59	1.30	-0.35	1.72	0.37	0.04	-4.00	0.88	-3.22	0.10	-2.15	0.19	-1.64	0.25	-1.08	0.15	0.89	6.19	11.99					
Bloom	0.66	0.40	1.20	0.81	1.06	0.25	0.42	-1.28	1.90	-0.41	2.19	1.16	1.58	0.17																	
Boulder No. 2	2.23	0.79	2.13	-	-	-	-	-	-	-	0.66				0.36		0.83		0.35		0.99										
Boulder	2.50	2.05	0.70	-0.08	3.32	1.74	2.00	-0.71	1.24	-1.76	2.35	0.71	1.11	-0.80	0.32	-1.27	0.95	-0.50	1.10	-0.51	0.98	0.15	0.34	0.23	17.11	1.21					
Bovina	0.37	0.32	0.64								3.08		1.67																		
Box Ranch	0.86	0.29	0.00	-2.08	4.61	1.96					2.55	2.47	0.49	-0.90	2.15	0.41	1.30	-0.58			0.30										
Branson	0.74	0.36	1.25	-0.20	0.11	-2.56	2.57				1.96	0.30	1.50	-1.05	0.22	-3.47	0.15	1.78	0.75		0.27										
Breckinridge	1.40	-0.39	1.28	-1.20	1.31	-1.27	1.92	-0.84	0.96	-1.07	1.25	0.17	1.42	-0.96	1.01	-1.15	0.47	-1.00	0.74	-0.76	1.79	0.19	1.99	0.12	15.14	7.40					
Briggsdale 2 NW	0.20	-	0.28		0.45		1.61		1.53		0.51		1.22		0.31		0.70		0.13		0.27										
Buena Vista 2 S	0.90	0.57	1.40	0.86	0.31	-0.42	1.28	0.38	0.01	-0.82					2.55	1.23	0.25	-0.48	0.20	-0.42	0.14	-0.33	1.60	1.23							
Burlington	0.25	-0.03	0.48	0.06	1.32	0.52	0.47	-1.39	4.08	1.73	3.29	0.50	2.16	-0.54	2.67	1.03	0.37	-1.04	0.17	-0.80	0.65	-0.13	0.21	0.05	16.41	1.08					
Burlington No. 57	0.38	0.37	1.59	0.36	3.41		3.45				1.70		1.93		0.29		0.09		0.74												
Burlington No. 58	-	-	0.94	0.59	2.98		3.36				2.34		2.73		0.97		0.16		0.79		0.19										
Byers	0.75	0.37	0.34	-0.09	0.93	0.14	1.65	-0.20	3.30	1.08	2.28	0.86	1.21	-0.41	1.13	-0.18	0.11	-1.00	0.29	-0.35	0.36	-0.16	0.28	-0.16	12.63	0.11					
Canon City	2.66	2.30	1.16	0.63	2.20	1.39	2.38	0.82	3.45	1.79	0.96	-0.10	1.01	-0.88	1.31	-0.62	1.12	-0.85	0.20	-0.58	0.11	-0.48	0.70	0.00	16.26	3.42					
Cascade	1.72	-1.08	7.64	4.70	6.60	3.18	3.08	0.62	2.23	0.80	2.88	1.63	1.58	-1.14	2.09	-0.88	2.26	-0.56	2.67	-0.18	0.44	-1.38	4.17	1.68	37.36	7.39					
Castle Rock	0.97	0.28	1.32		1.90		1.76				3.07		0.84		2.13		0.23		0.21		-0.39										
Cadarege	0.95	0.08	1.67	0.68	1.23	0.10	0.78	-0.30	0.13	-0.98	1.99	1.29	1.00	0.09	1.55	0.36	0.67	-0.62	0.85	-0.33	0.63	0.03	1.21	0.41	12.66	0.70					
Center	1.19	0.34	0.77	0.21	1.26		0.74				1.32		0.70		1.20		0.34		0.30		1.05		0.97								
Cheesman	1.14	0.84	0.94	0.45	1.09	0.17	2.32	0.32	1.07	-0.71	1.63	0.26	1.41	-1.37	0.67	-1.77	0.63	-0.69	0.21	-0.84	0.42	-0.17	0.26	-0.29	1.79	3.80					
Cheraw	0.85	0.87	1.72	0.53	1.63						5.53		1.40		1.42		0.14		0.13		0.16		0.07								
Cheyenne Wells	1.03	0.73	0.50	0.02	2.80	2.04	0.50	-1.21			3.93	1.41	2.63	0.06	2.15	-0.37	0.37	-0.92	0.30	-0.65	0.20	-0.26	0.10	0.37							
Coaldale	1.69	1.66	1.37	0.64	1.94		1.39				0.19		0.62		0.30		0.34		0.25		0.52										
Cochetopa Creek	0.61	1.09	0.91	1.26	0.74		1.32				0.70		1.20		0.34		0.30		1.05		0.97										
Collbran	0.86	-0.29	1.78	0.59	2.44	0.87	1.33	-0.29	1.71	-1.41	1.69	0.90	1.42	0.26	1.83	0.32	0.76	-0.79	0.69	-0.78	1.50	0.47	1.42	0.33	15.72	0.18					
Colorado Nat. Mon.	0.53	0.22	1.47		1.13		0.08				1.27		0.75		2.34		0.31		0.63		0.79		1.07								
Colo. Springs WB Apt.	-	-	-	-	-	-	-	-	-	-	-	-	1.44	-1.40	4.62		0.40		0.12		0.02										
Conejos 3 NW	0.33	0.70	0.14	0.21	-0.52	0.82	1.17	0.65	0.40	-0.85	0.41	0.25	1.																		

# TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual			
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure		
Hamilton	0.97		1.60		2.97		1.40		0.55		2.22		2.02		0.57		1.15		1.14		1.67		3.92		20.18			
Harmon Ranch	1.00		1.25		2.98		1.34		2.28		4.08		2.53		1.84		0.42		0.19		0.35				17.00			
Hartsel	0.77	0.52	1.19	0.92	0.78	0.37	1.34	0.54	1.35	0.49	1.60	0.53	0.45	-2.37	0.97	-1.34	0.22	-0.87	0.30	-0.29	0.24	-0.08	0.80	0.53	10.01		-1.05	
Hawesville	0.42	0.20	0.85	0.57	1.54	1.04	0.38	-0.77	2.48	0.09	4.40	2.47	2.49	-2.28	2.14	0.40	0.77	-0.21	T	-0.94	0.08	-0.57	0.06	-0.21	15.61		2.35	
Hawthorne	2.50	1.91	0.56	-0.46	2.63	0.67	2.64	-0.77	2.80	-0.49	3.15	1.26	1.20	-0.81	0.55	-1.20	1.03	-0.72	0.66	-1.38	1.01	-0.13	0.43	-0.58	19.16		-2.70	
Hayden	1.79	0.54	1.14	-0.08	2.19	-0.87	1.19	0.32	0.38	-1.20	1.85	0.74	1.32	0.01	0.80	-0.67	0.55	-1.05	1.24	-0.32	2.05	1.09	3.04	1.79	17.54		0.30	
Hermat 9 SE	3.50	2.65	0.65	-0.71	1.05	0.11	0.92	-0.39	1.78	0.68	1.65	0.51	1.60	-0.76	1.55	-0.94	1.10	-0.95	1.20	-0.63	0.10	-0.89	0.70	-0.22	15.80		-1.54	
Higbee 6 SW	0.41		0.90		1.20		0.32		1.30		2.97		0.46		0.67		0.77		0.63		0.50		0.20		9.60			
Holly																												
Holyoke	0.18	-0.08	0.22	-0.19	0.54	-0.39	0.02	-2.15	1.76	-1.02	5.60	2.51	2.42	-0.10	1.47	-0.81	0.77	-0.63	0.64	-0.24	1.40	1.00	0.15	-0.34	15.17		-2.44	
Hoyt	0.65		0.47		0.86		1.83		1.96		2.41		0.92		1.06		0.27		0.60		0.42		0.55		12.00			
Hugo	0.42		0.38		0.95		0.62		2.90		4.29		1.17		0.75		0.29		0.09		0.19		0.24		10.08			
Idaho Springs	1.60	1.27	0.86	0.40	1.36	0.43	1.90	-0.07	1.99	0.13	0.73	-0.58	1.47	-1.20	0.90	-1.23	0.40	-0.85	0.57	-0.58	0.36	-0.22	0.53	0.05	12.67		-2.45	
Idalia 1 SE	0.54		0.35		2.06		0.44		3.08		8.17		1.56		3.65		0.30		0.49		1.16		0.40		22.20			
Ignacio 1 N	0.09	-1.04	1.10	-0.10			0.20	-1.00	1.43	0.47	1.30	0.46	0.48	-1.39	1.53	-0.63	0.95	-0.68	2.04	0.63	T	-0.91	1.85	0.67				
Independence Pass	2.78		3.06		3.59		4.53		0.99		1.21		2.04		1.28		0.88		1.49		2.82		3.07		27.74			
Jaroso	0.59	0.31	2.06	1.69			0.64	-0.36	1.50	0.60	0.96	0.38	1.29	-0.35	1.44	-0.34	0.29	-0.84	0.57	-0.20	0.27	-0.04	1.35	0.79				
Joos	0.40		0.29		1.51		0.33		3.53		3.30		1.76		3.23		0.11						0.50		14.96			
John Martin Dam	0.33		0.66		1.21		0.39		2.79		3.11		1.07		2.14		0.39		0.17		0.08		0.05		12.39			
Julesburg	0.26	-0.06	0.47	0.06	1.05	0.26	0.21	-1.85	0.45	-2.32	3.69	1.02	3.43	1.04	1.36	-0.85	1.13	-0.03	0.72	-0.22	1.71	1.28	0.61	0.20	15.09		-1.47	
Karval 5 N	0.59		0.36		1.08		0.66		1.74		4.84		2.98		3.34		0.18		T		0.03		0.10		15.90			
Kassier	2.22	1.67	0.67	-0.10	2.70	1.20	3.59	0.83	2.09	-0.38	3.13	1.50	0.97	-0.85	0.73	-1.14	0.30	-1.17	0.36	-1.17	0.58	-0.32	0.32	-0.54	17.66		-2.47	
Kauffman 4 SSE	0.18	-0.09	0.11	-0.21	0.61	-0.19	1.15	-0.55	2.04	-0.64	1.77	-0.56	3.38	0.72	1.79	0.37	0.45	-0.72	0.41	-0.39	0.26	-0.04	0.34	0.10	12.49		-0.20	
Kim 16 N																							1.59		0.14			
Kit Carson	0.74	0.41	0.58	0.18	1.82	0.99	0.48	-0.72	4.11	2.09	4.09	2.09	3.33	1.07	3.78	2.14	0.29	-0.56	0.37	-0.27	0.68	0.36	0.05	-0.35	20.32		7.43	
Kline 3 W	0.03		0.75		1.28		0.41		0.74		1.72		0.51		1.55		1.45		2.55		T		1.21		12.20			
Kremmling	0.52		0.97		0.62		0.76		0.43		1.72		0.63		0.57		0.51		0.32		0.76		2.07		9.88			
Kutch	0.27						0.26				5.66				2.71		0.85				0.17		0.12					
La Junta AP CAA	0.79	0.54	0.62	0.16	1.21	0.47	0.77	-0.80	1.52	-0.47	4.47	2.46	0.55	-1.70	2.01	-0.20	0.17	-0.46	0.07	-0.81	0.49	-0.16	T	-0.58	12.67		-1.55	
Lake City	0.73	-0.24	1.86	0.97	1.54	0.26	2.73	1.46	1.97	0.87	1.01	0.20	1.63	-0.66	1.96	-0.30	1.28	0.13	0.94	-0.35	1.54	0.79	1.17	0.03	18.36		3.16	
Lake George 8 SW	0.61		0.54		0.39		1.04		1.43		0.49		2.14		2.57		0.46		0.28		0.16		0.25		10.36			
Lake Moraine	0.71	0.91	0.33	0.45	0.39	0.18	1.21	-0.82	2.32	-0.40	2.20	0.34	1.84	-2.43	2.57	-1.30	0.04	-0.91	0.28	-1.16	0.26	-0.33	0.25	-0.49	18.73		-6.34	
Lamar	0.39	0.08	0.27	-0.15	1.10	0.27	1.31	-1.50	0.70	-0.57	2.20	0.28	1.22	-1.05	1.46	-1.20	1.22	0.01	0.04	-0.95	0.29	-0.22	0.62	-0.32	14.48		-2.92	
Las Animas 1 N	0.82	0.57	0.70	0.30	1.86	1.24	0.22	-1.26	1.30	-0.74	3.70	2.17	2.33	0.29	1.29	-0.33	0.17	-0.74	0.00	-0.76	0.06	-0.34	T	-0.46	12.45		-0.06	
La Veta Pass	6.78	5.57	3.14	3.47	5.41	2.89	1.44	-1.32	4.70	2.82	2.19	1.07	2.13	-0.04	1.20	-0.96	1.20	-0.15	1.49	-0.13	4.63	2.97	0.63	-0.96	34.94		13.20	
Leadville	1.76	0.58	2.65	1.19	1.44	-0.30	1.96	0.21	0.88	-0.46	0.94	-0.25	1.09	-1.93	0.85	-1.49	0.69	-0.67	0.84	-0.35	1.10	0.16	2.05	0.98	16.25		-2.33	
Le Roy	0.64	0.25	0.45	0.09	1.92	0.83	0.47	-2.03	1.36	-1.29	4.68	2.18	2.20	-0.07	1.86	-0.29	0.29	-0.97	0.46	-0.62	1.05	0.50	0.69	0.00	16.07		-1.60	
Lime 3 SE	3.01		1.92		3.87		1.88		3.52		3.52		3.27		3.27		3.27		3.27		3.27		3.27		19.59			
Limon 5 SW	0.92	0.60	0.33	0.22	1.95	0.58	0.02	-0.63	1.25	0.07	3.32	1.57	1.81	-0.62	0.22	-0.85	0.66	-0.61	0.04	-0.81	0.69	0.02	0.90	-0.32	14.31		-0.78	
Limon	0.71		0.19		0.83		0.83		1.80		3.79		2.07		0.62		0.17		0.14		0.35		0.24		11.74			
Little Dolores	0.85		1.69		1.84		1.22		0.75		2.10		0.53		2.44		0.38		0.68		1.20		1.43		15.11			
Little Hills	0.95		1.00		1.77		0.63		0.59		1.26		1.41		0.82		0.41		0.43		0.89		1.39		11.55			
Longmont 2 SSE	0.85	0.54	0.45	-0.06	0.41	-0.43	1.32	-0.55	1.51	-1.06	1.52	-0.15	0.93	-0.69	0.58	-0.56	0.24	-0.87	0.59	-0.60	0.19	-0.35	0.34	-0.12	8.93		-4.90	
Longmont 6 NW	1.01				1.52		1.85		2.12				0.52		0.17		0.53		0.42		0.47		0.84					
Longs Peak	1.63	0.89	1.66	0.39	1.51	-0.51	1.31	-1.60	1.18	-1.28															15.14			
Manassa	1.27	1.07	0.44	0.17	0.68	0.30													0.60	-0.09	T	-0.28	0.02	-0.24				
Mancos	0.28	-1.08	1.87	0.41	2.18	0.16	0.25	-1.51	0.87	-0.39	1.81	1.00	1.34	-0.57	1.19	-0.82	0.80	-0.72	1.92	0.32	0.10	-1.02	1.38	0.18	13.99		-4.04	
Manitou Springs	1.45		0.81		0.95		1.54		2.83		0.84		1.61		2.85		0.22		0.07		0.10		0.38		13.65			
Marshall Pass																												

Table 2-Continued

## TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

COLORADO  
1948

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure
Sedgwick	0.22	-0.08	0.39	0.04	1.29	0.52	0.21	-1.95	1.12	-1.45	4.27	1.54	1.32	-1.19	1.55	-0.71	0.84	-0.62	1.64	0.65	0.77	0.35	0.38	-0.12	14.00	-3.02
Shaw	0.30	-	0.18	-	0.88	-	0.51	-	1.60	-	1.60	-	1.65	-	1.74	-	0.42	-	0.35	-	0.55	-	0.29	-	0.29	-
Shoshone	1.31	-0.13	2.39	0.83	2.23	-0.78	1.93	0.21	0.27	-1.08	1.51	0.33	1.13	-0.21	2.08	0.29	0.44	-1.10	1.32	-0.17	1.14	0.03	2.18	0.97	17.93	-0.87
Silver Lake	3.30	1.20	2.00	-0.84	4.50	1.08	3.00	-1.04	4.15	1.35	2.00	-0.41	1.44	-2.13	1.16	-1.24	1.14	-0.89	-	-	-	1.78	0.06	2.04	0.26	-
Silverton 2 NE	1.00	-0.77	2.18	0.31	2.86	0.18	1.96	0.16	1.58	0.20	2.64	1.07	1.69	-1.10	2.28	-0.88	1.36	-1.48	1.30	-1.24	0.96	-0.32	1.78	0.08	21.59	-3.79
Sima	0.78	-	0.26	-	0.82	-	1.16	-	1.48	-	3.01	-	1.52	-	0.63	-	0.23	-	0.05	-	0.25	-	0.13	-	10.32	-
Spicer 4 NE	2.00	1.28	0.60	-0.25	1.90	0.85	0.90	-0.26	T	-1.02	1.23	0.41	2.38	1.20	0.61	-0.65	0.68	-0.48	0.63	-0.54	2.15	1.28	4.82	4.01	17.90	5.83
Springfield	1.21	0.77	1.15	0.53	2.58	1.45	0.13	-1.74	2.29	-0.33	4.02	1.98	0.99	-1.33	3.52	1.69	0.46	-1.03	0.22	-0.79	0.72	0.03	T	-0.62	17.29	0.61
Springfield 8 S	0.60	-	0.87	-	1.80	-	0.08	-	2.21	-	4.16	-	0.85	-	5.85	-	0.29	-	0.17	-	1.09	-	T	-	17.97	-
State Turkey Exp. Farm	0.42	-	2.74	-	2.82	-	0.73	-	1.29	-	2.99	-	0.27	-	1.44	-	1.56	-	2.37	-	0.01	-	1.66	-	18.30	-
Steamboat Springs	1.49	-0.76	1.64	-0.81	3.64	-1.45	1.93	-0.29	0.07	-2.05	2.20	0.74	2.00	0.54	0.86	-0.71	1.36	-0.30	1.69	0.22	3.28	1.62	4.94	2.68	25.10	1.89
Sterling	0.15	-0.18	0.35	-0.01	0.42	-0.38	0.42	-1.46	2.07	-0.46	3.95	1.65	2.10	0.44	3.23	1.40	0.32	-0.96	0.27	-0.71	0.30	-0.17	0.19	-0.29	13.77	-1.13
Stonington 6 E	0.69	-	0.90	-	1.94	-	0.14	-	4.95	-	4.03	-	4.61	-	3.17	-	1.99	-	0.24	-	1.05	-	0.11	-	23.82	-
Stratton	0.39	-0.14	0.62	0.13	1.74	0.57	0.37	-1.77	2.53	-0.39	3.32	0.89	2.43	-0.10	2.48	0.03	0.46	-1.48	0.25	-0.69	0.53	-0.16	0.32	-0.20	17.44	-3.31
Sturgis Reservoir	2.77	-	2.07	-	1.77	-	1.72	-	0.55	-	0.93	-	1.30	-	0.86	-	0.52	-	0.89	-	1.42	-	2.23	-	17.03	-
Summitville 1 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	-	-	-	-	-	-	-	-	-	-	-
Sunbeam 7 SW	0.07	-0.38	0.35	-0.17	0.23	-0.51	1.03	-0.09	0.48	-0.60	1.11	0.28	0.42	-0.43	0.56	-0.64	0.29	-0.78	0.86	-0.57	0.28	-0.45	1.61	1.10	7.29	-3.24
Taylor Park	1.15	-	2.10	-	2.40	-	2.25	-	0.45	-	1.35	-	0.75	-	1.95	-	0.20	-	1.15	-	1.55	-	1.46	-	16.76	-
Telluride	1.63	-0.06	3.17	1.27	3.23	0.68	2.32	-0.23	1.55	-0.25	2.25	1.07	1.66	-0.79	1.77	-1.49	0.68	-1.30	1.62	-0.29	1.52	0.11	3.17	1.72	24.57	0.44
Tennessee Pass	1.91	-	1.87	-	1.64	-	1.79	-	0.61	-	1.04	-	1.99	-	1.01	-	0.92	-	0.99	-	1.53	-	2.15	-	17.45	-
Tercio 5 W	1.63	-	1.41	-	0.88	-	0.35	-	3.76	-	1.75	-	-	-	-	-	1.21	-	1.10	-	0.57	-	0.30	-	-	-
Trinidad	1.70	1.26	1.40	0.62	2.12	1.12	0.12	-1.83	4.36	2.46	1.75	-0.09	1.35	-1.04	1.51	-0.68	0.20	-1.30	0.16	-1.10	0.77	-0.04	0.04	-0.65	15.48	-1.27
Trinidad AP CAA Hoehne	1.19	0.81	0.95	0.32	1.60	0.79	0.26	-1.59	4.21	2.46	1.67	0.42	0.78	-1.34	2.59	0.76	0.77	-	0.40	-0.59	0.31	-0.25	0.23	-0.49	14.96	1.30
Trout Lake	2.06	0.06	3.30	0.65	5.06	1.79	3.43	-0.49	1.79	-0.33	3.05	1.76	1.71	-1.34	2.61	-0.70	1.05	-1.61	1.34	-1.10	2.22	0.64	0.84	-1.13	28.46	-1.80
Troy 7 SE	0.52	-	1.15	-	1.84	-	0.06	-	1.41	-	5.78	-	2.35	-	1.41	-	0.75	-	1.09	-	0.86	-	0.02	-	17.24	-
Two Buttes	0.44	0.11	1.38	0.84	0.87	0.06	0.07	-1.68	3.00	0.81	2.26	0.17	1.72	-0.57	4.09	2.33	1.20	-0.15	0.09	-0.79	0.33	-0.14	0.02	-0.55	15.47	0.44
Uteville	1.40	1.10	1.75	1.49	-	-	-	-	1.42	0.08	2.69	1.86	3.24	1.04	2.12	0.21	0.20	-1.26	0.83	-0.27	0.50	-0.09	0.00	-0.33	-	-
Vallecito Dam	0.59	-1.39	3.16	-	3.29	0.71	0.81	-	3.06	-	4.06	-	2.47	-	2.81	-	0.18	-	0.28	-	0.75	-	0.30	-	16.80	-
Vona	0.28	-	0.33	-	1.79	-	0.49	-	3.06	-	4.06	-	2.47	-	2.81	-	0.18	-	0.28	-	0.75	-	0.30	-	16.80	-
Wagon Wheel Gap 3 N	0.48	1.15	1.50	0.81	0.70	-0.40	0.71	-0.52	1.24	0.37	0.79	0.27	1.14	-0.95	1.36	-0.74	0.60	-0.59	1.13	-0.34	0.05	-0.89	1.36	0.69	11.06	-1.14
Walden	0.57	0.21	0.43	-0.08	0.72	-0.15	0.54	-0.67	0.51	-0.60	0.82	-0.12	1.01	0.20	0.49	-0.63	1.08	0.26	0.40	-0.17	0.60	0.16	1.80	1.49	8.97	-0.10
Walsenburg	2.62	2.12	1.32	0.64	2.39	1.03	-	-	1.50	-0.45	1.33	0.41	0.29	-1.28	2.30	0.81	0.19	-1.19	0.10	-0.94	0.20	-0.52	0.18	-0.46	-	-
Waterdale	1.36	1.08	0.95	0.33	1.52	0.33	1.91	-0.32	2.51	-0.13	1.96	0.19	0.53	-1.38	0.43	-1.08	0.08	-1.39	0.44	-0.80	0.44	-0.10	0.89	0.37	13.02	-2.90
Westcliffe	1.35	0.71	1.40	0.63	2.77	1.45	1.22	-1.16	1.40	-0.28	1.12	-0.32	0.22	-0.23	1.05	-1.17	0.57	-0.75	0.47	-0.76	0.15	-0.73	0.37	-0.41	12.09	-3.02
Westcreek	1.02	-	0.52	-	0.79	-	1.69	-	1.10	-	2.08	-	3.76	-	0.97	-	0.63	-	0.06	-	0.37	-	0.19	-	13.18	-
Wetmore 5 S	2.28	-	1.11	-	2.97	-	0.90	-	3.39	-	0.53	-	0.68	-	0.98	-	0.43	-	-	-	-	-	-	-	-	-
White Rock	1.41	-	1.01	-	1.98	-	0.57	-	1.83	-	4.48	-	0.71	-	1.30	-	0.11	-	0.05	-	-	-	0.37	-	-	-
Wilcox Ranch 4 SE	0.94	-	2.25	-	2.53	-	2.04	-	0.24	-	1.77	-	1.17	-	1.56	-	0.50	-	1.29	-	1.05	-	2.26	-	17.60	-
Willow Creek 4 SE	-	-	-	-	-	-	-	-	-	-	-	-	2.10	0.39	0.87	-0.86	-	-	-	-	-	-	-	-	-	-
Windsor	0.54	-	0.32	-	0.59	-	0.55	-	2.27	-	2.14	-	0.18	-	0.26	-	0.14	-	0.35	-	0.22	-	0.53	-	8.09	-
Winter Park	1.87	-	2.28	-	3.14	-	3.97	-	1.65	-	2.32	-	3.02	-	1.81	-	0.44	-	1.77	-	2.78	-	3.76	-	28.91	-
Wolf Creek Pass 4 W	3.98	-2.29	12.07	6.34	10.55	2.69	3.15	-1.62	1.36	-	2.40	-	1.80	-	3.57	-1.04	1.22	-2.11	4.32	0.48	0.66	-2.36	6.06	1.12	31.14	-
Woodland Park 8 N	1.10	-	0.42	-	0.66	-	1.24	-	0.97	-	2.50	-	2.19	-	1.09	-	0.60	-	0.04	-	0.25	-	0.14	-	11.20	-
Wray	0.40	0.07	0.21	-0.30	1.04	0.16	0.34	-2.13	5.64	2.88	5.45	2.65	3.07	0.36	1.23	-1.12	0.58	-0.87	0.31	-0.71	0.58	0.12	0.33	-0.13	19.17	0.98
Yampa	2.68	0.72	1.23	-0.49	2.55	1.44	1.21	0.01	0.67	-0.13	1.77	0.88	2.86	0.98	1.65	0.16	1.88	0.47	0.73	-0.64	2.00	1.04	2.92	1.49	22.15	5.93
Yuma	0.48	0.14	0.31	-0.19	1.17	0.15	0.20	-1.88	1.91	-0.61	3.28	0.52	2.84	0.23	1.05	-1.28	0.23	-0.86	0.34	-0.64	0.76	0.31	0.48	-0.02	13.05	-4.13

# TEMPERATURE EXTREMES AND FREEZE DATA

COLORADO  
1948

Table 3

Station	Highest	Date	Lowest	Date	Last spring minimum of			First fall minimum of			No. of days between dates			
					24° or below	28° or below	32° or below	32° or below	28° or below	24° or below	24° or below	28° or below	32° or below	
Akron AP CAA	98	8-8	-24	1-28	4-13 (20°)	5-6 (25°)	5-12 (32°)	10-6 (26°)	10-6 (26°)	10-16 (21°)	186	153	147	
Alamosa	89	7-14	-46	1-28	5-14 (22°)	5-14 (22°)	5-14 (22°)	8-26 (32°)	9-10 (28°)	10-1 (24°)	140	119	104	
Alamosa WB Airport	88	7-13	-50	1-28	5-13 (22°)	5-13 (22°)	5-16 (32°)	9-10 (31°)	9-21 (28°)	10-7 (11°)	147	131	108	
Illens Park	84	7-31	-27	1-27	5-12 (23°)	5-13 (27°)	5-26 (30°)	9-8 (30°)	10-6 (21°)	10-6 (21°)	147	146	105	
Arriba	-	-	-	-	4-8 (21°)	4-14 (27°)	5-11 (32°)	-	-	-	-	-	-	-
Aspen	87	8-30+	-31	1-28	5-15 (20°)	5-16 (25°)	6-22 (32°)	8-26 (32°)	9-8 (25°)	10-17 (14°)	155	115	65	
Bailey	91	9-4	-36	1-28	5-13 (24°)	5-16 (27°)	6-28 (31°)	9-8 (31°)	9-21 (28°)	10-8 (20°)	148	128	73	
Boulder	97	8-17	-7	3-11	3-31 (23°)	4-8 (27°)	4-26 (32°)	10-7 (27°)	10-7 (27°)	10-17 (19°)	200	182	164	
Box Ranch	-	-	-	-	4-12 (24°)	5-7 (25°)	5-7 (25°)	-	-	-	-	-	-	-
Buena Vista 2 S	94	7-10	-37	1-28	5-25 (20°)	6-28 (28°)	6-28 (28°)	-	10-6 (25°)	10-17 (18°)	145	100	-	
Burlington	99	9-1	-15	3-11	3-31 (24°)	4-8 (25°)	5-6 (30°)	10-7 (27°)	10-7 (27°)	10-17 (18°)	200	182	154	
Byers	99	8-28	-19	1-28	4-12 (24°)	5-12 (28°)	5-12 (28°)	-	-	-	-	-	-	-
Canon City	97	7-27+	-13	3-11	3-31 (23°)	4-12 (26°)	5-11 (32°)	10-7 (26°)	10-7 (26°)	10-17 (23°)	200	178	149	
Cedaredge	93	7-17	-20	1-28	4-13 (23°)	5-10 (27°)	5-12 (31°)	10-6 (25°)	10-6 (25°)	10-17 (22°)	187	149	147	
Center	86	7-13	-40	1-28	-	-	-	9-24 (30°)	10-2 (28°)	10-7 (22°)	-	-	-	-
Cheesman	93	9-4	-27	1-28	5-6 (22°)	5-12 (28°)	5-13 (29°)	10-6 (29°)	10-7 (23°)	10-7 (23°)	154	148	146	
Cheyenne Wells	105	7-20	-19	1-28	-	-	-	10-7 (27°)	10-7 (27°)	10-17 (17°)	-	-	-	-
Cochetopa Creek	87	8-31+	-25	1-28+	5-13 (19°)	6-23 (27°)	6-28 (31°)	7-9 (32°)	9-8 (27°)	9-21 (23°)	131	77	11	
Collbran	91	7-13	-28	1-28	5-10 (19°)	5-12 (27°)	5-23 (30°)	9-8 (32°)	10-6 (25°)	10-7 (24°)	150	147	108	
Colorado National Mon.	98	7-13+	-11	1-28	3-22 (23°)	4-12 (27°)	4-13 (30°)	-	-	-	-	-	-	-
Colo. Springs WB Airport	92	8-31	-	-	-	-	-	10-6 (25°)	10-6 (25°)	10-7 (23°)	-	-	-	-
Conejos 3 NNW	96	8-15	-40	1-28	5-10 (23°)	5-13 (25°)	5-13 (25°)	9-29 (32°)	10-6 (24°)	10-6 (24°)	149	146	139	
Cortez	88	8-29	-16	2-13	4-13 (19°)	5-10 (26°)	5-13 (31°)	10-7 (26°)	10-7 (26°)	11-5 (22°)	206	150	147	
Craig	94	8-30+	-38	1-28	5-11 (23°)	5-15 (26°)	6-18 (30°)	9-8 (29°)	10-5 (28°)	10-6 (23°)	148	143	92	
Frested Butte	82	7-13+	-32	1-28	5-13 (21°)	6-26 (28°)	6-28 (29°)	7-8 (30°)	8-26 (27°)	9-8 (24°)	118	61	10	
Cripple Creek	81	8-30	-25	1-27	5-13 (24°)	6-23 (27°)	6-28 (30°)	9-8 (31°)	10-6 (18°)	10-6 (18°)	146	105	72	
Cumbres	75	8-12+	-17	2-12	5-12 (22°)	5-13 (25°)	6-28 (31°)	8-26 (31°)	10-6 (25°)	10-7 (19°)	148	146	59	
Del Norte	89	7-13	-19	1-28+	5-10 (24°)	5-12 (26°)	5-12 (26°)	10-3 (31°)	10-6 (27°)	10-7 (21°)	150	147	144	
Delta	101	7-12	-24	1-28	4-2 (24°)	5-11 (28°)	5-11 (28°)	10-7 (25°)	10-7 (25°)	10-17 (24°)	198	149	145	
Denver WB Airport 6 ENE	95	9-4	-20	1-27	3-31 (22°)	4-13 (28°)	5-10 (31°)	10-6 (30°)	10-7 (25°)	10-17 (19°)	200	177	149	
Denver WB City	94	8-31+	-6	1-27	3-31 (23°)	3-31 (23°)	5-10 (32°)	10-7 (31°)	10-16 (27°)	10-17 (22°)	200	199	150	
Dillon 1 S	80	8-30+	-38	1-28	6-19 (24°)	6-28 (27°)	6-30 (31°)	7-8 (31°)	8-15 (28°)	9-8 (17°)	81	48	8	
Durango	91	8-28+	-11	1-28	5-10 (24°)	5-11 (28°)	5-22 (30°)	9-22 (32°)	10-6 (28°)	10-7 (22°)	150	148	123	
Eads	101	6-17+	-29	1-28	4-1 (24°)	4-1 (24°)	5-6 (29°)	10-7 (28°)	10-7 (28°)	10-17 (19°)	199	189	154	
Eagle CAA	93	7-10+	-40	1-28	5-13 (24°)	5-16 (28°)	6-18 (32°)	9-8 (26°)	9-8 (26°)	10-7 (24°)	147	115	82	
Edgewater	100	8-17+	-15	1-28	4-8 (23°)	4-13 (25°)	5-10 (31°)	10-16 (26°)	10-16 (26°)	10-17 (17°)	192	186	159	
Estes Park 1 N	91	7-8	-25	1-27+	5-13 (22°)	5-13 (22°)	5-26 (29°)	8-14 (31°)	10-12 (28°)	10-16 (22°)	156	152	80	
Eversoll Ranch	105	7-14	-	-	-	-	-	10-6 (30°)	10-7 (27°)	10-17 (24°)	-	-	-	-
Flora	100	7-27+	-19	1-27	4-11 (24°)	4-11 (24°)	5-5 (30°)	10-7 (24°)	10-7 (24°)	10-7 (24°)	179	179	155	
Fort Collins	94	8-16+	-30	3-11	5-6 (22°)	5-6 (22°)	5-13 (32°)	10-2 (32°)	10-7 (25°)	10-16 (22°)	163	154	142	
Fort Lewis	86	8-28	-16	1-28	5-10 (23°)	5-12 (26°)	6-23 (32°)	9-22 (32°)	10-7 (20°)	10-7 (20°)	150	148	91	
Fort Lupton 5 E	106	6-16	-26	1-28	4-12 (24°)	4-13 (26°)	5-22 (30°)	10-6 (27°)	10-6 (27°)	10-7 (24°)	178	176	137	
Fort Morgan 1 N	96	7-24+	-32	1-28	4-13 (21°)	5-6 (26°)	5-6 (26°)	10-6 (30°)	10-7 (24°)	10-7 (24°)	177	154	153	
Fraser	82	7-13+	-44	1-28	5-30 (23°)	6-17 (27°)	6-30 (30°)	7-4 (32°)	8-14 (27°)	9-8 (17°)	101	58	4	
Fruita 1 S	98	7-21	-15	1-28	4-1 (20°)	5-10 (28°)	5-10 (28°)	10-6 (28°)	10-6 (28°)	10-7 (24°)	189	149	149	
Georgetown	84	7-13	-	-	-	-	-	10-6 (22°)	10-6 (22°)	10-6 (22°)	-	-	-	-
Glenwood Springs 3 SSE	95	7-10+	-20	1-28	4-13 (23°)	5-10 (26°)	5-10 (26°)	10-7 (27°)	10-7 (27°)	10-17 (20°)	187	150	150	
Grand Junction WB Apt.	98	7-13+	-11	1-28	3-21 (23°)	4-1 (26°)	4-13 (31°)	10-6 (32°)	11-4 (27°)	11-5 (24°)	229	217	176	
Grand Lake	85	7-4+	-41	1-28	5-17 (24°)	6-1 (28°)	6-29 (32°)	-	9-8 (23°)	9-8 (23°)	114	99	99	
Grand Lake 4 SSW	-	-	-	-	5-16 (24°)	6-14 (28°)	6-29 (32°)	-	9-8 (24°)	9-8 (24°)	115	86	-	
Greeley	100	8-22	-31	1-28	4-13 (22°)	4-13 (22°)	5-6 (29°)	10-6 (30°)	10-7 (21°)	10-7 (21°)	177	177	153	
Green Mountain Dam 4 SSW	85	7-12	-37	1-28	5-13 (24°)	5-13 (24°)	5-26 (31°)	9-8 (27°)	9-8 (27°)	10-6 (22°)	146	118	105	
Greystone	90	7-11	-22	1-28	5-9 (23°)	5-12 (28°)	5-12 (28°)	-	-	-	-	-	-	-
Grover 10 W	96	8-29+	-15	1-27	5-6 (22°)	5-12 (27°)	5-13 (30°)	10-6 (29°)	10-7 (23°)	10-7 (23°)	154	148	146	
Gunnison	95	6-17	-38	1-28	5-15 (21°)	5-15 (21°)	6-28 (32°)	7-9 (31°)	9-8 (26°)	9-16 (23°)	124	116	11	
Hayden	92	8-31+	-42	1-27+	5-3 (22°)	5-15 (26°)	6-1 (32°)	9-6 (31°)	9-8 (28°)	10-6 (22°)	156	116	97	
Hermit 9 SE	82	8-31+	-42	3-28	5-16 (23°)	6-28 (27°)	6-28 (27°)	7-3 (32°)	7-9 (27°)	9-8 (23°)	115	11	5	
Holly	-	-	-	-	-	-	-	10-7 (27°)	10-7 (27°)	10-17 (22°)	-	-	-	-
Holyoke	105	8-28	-19	3-11	4-13 (21°)	5-12 (26°)	5-12 (26°)	9-28 (32°)	10-11 (19°)	10-11 (19°)	181	152	139	
Idaho Springs	90	9-4	-30	1-27	5-12 (20°)	5-13 (28°)	6-23 (32°)	9-8 (27°)	9-8 (27°)	10-6 (21°)	147	118	77	
Ignacio 1 N	95	8-31	-15	2-12	-	-	6-21 (32°)	9-7 (32°)	10-7 (23°)	10-7 (23°)	-	-	-	78
Jaroso	90	7-13+	-36	1-28	5-10 (21°)	5-10 (21°)	5-27 (32°)	9-12 (32°)	10-2 (28°)	10-7 (14°)	150	145	108	
John Martin Dam	102	9-1	-22	1-28+	3-14 (22°)	4-1 (26°)	4-13 (32°)	10-7 (32°)	10-17 (27°)	11-6 (24°)	237	199	177	
Julesburg	103	8-19	-19	1-28	4-13 (19°)	5-6 (28°)	5-16 (32°)	10-7 (31°)	10-11 (20°)	10-11 (20°)	181	158	144	
Kassler	95	8-31+	-22	1-28	4-8 (21°)	4-26 (28°)	5-12 (31°)	10-6 (31°)	10-7 (24°)	10-7 (24°)	182	164	147	
Kauffman 4 SSE	98	8-19	-15	3-5	5-6 (21°)	5-13 (28°)	5-14 (30°)	9-29 (26°)	9-29 (26°)	10-7 (22°)	154	139	138	
Kit Carson	100	6-17	-32	1-28	5-2 (23°)	5-6 (25°)	5-13 (30°)	9-29 (28°)	9-29 (28°)	10-7 (22°)	158	146	139	
Kremmling	89	8-30	-46	1-28	5-16 (23°)	5-5 (28°)	6-18 (30°)	8-15 (32°)	9-4 (28°)	9-5 (24°)	112	91	58	
La Junta AP CAA	101	7-27+	-23	1-28	4-1 (22°)	4-1 (22°)	5-6 (32°)	10-7 (29°)	10-17 (26°)	11-6 (20°)	219	199	154	
Lake Moraine	72	7-14+	-24	1-27	5-11 (22°)	5-12 (25°)	6-29 (32°)	9-8 (32°)	9-30 (27°)	10-6 (13°)	148	141	71	
Lamar	103	9-1	-27	1-28	4-1 (24°)	4-2 (28°)	5-6 (31°)	10-7 (28°)	10-7 (28°)	10-17 (24°)	199	188	154	
Las Animas 1 N	102	6-17	-32	1-28	5-6 (24°)	5-6 (24°)	5-6 (24°)	10-7 (18°)	10-7 (18°)	10-7 (18°)	154	154	154	
Leadville	81	8-31	-24	1-26	5-12 (18°)	5-26 (25°)	6-28 (31°)	9-8 (30°)	10-2 (27°)	10-5 (20°)	146	129	72	
Limon 5 SW	96	8-31	-22	3-11	5-6 (24°)	5-6 (24°)	5-11 (32°)	10-6 (31°)	10-7 (23°)	10-7 (23°)	154	154	148	
Limon	98	8-31	-27	1-28	5-6 (21°)	5-6 (21°)	5-13 (30°)	9-28 (30°)	9-29 (28°)	10-7 (22°)	154	146	138	
Little Hills	97	8-29	-35	1-28	5-12 (18°)	5-23 (25°)	6-18 (30°)	9-8 (24°)	9-8 (24°)	9-8 (24°)	119	108	82	
Longmont 2 SSE	96	8-19	-30	1-28	4-13 (20°)	4-24 (28°)	4-24 (28°)	10-6 (31°)	10-7 (20°)	10-7 (20°)	177	166	165	
Meeker	95	7-13+	-35	1-28	5-10 (24°)	5-14 (27°)	6-5 (32°)	9-23 (31°)	10-6 (26°)	10-17 (11°)	160	145	110	
Meeker 13 NW	-	-	-	-	5-24 (20°)	6-1 (28°)	6-1 (28°)	9-8 (31°)	10-6 (25°)	10-17 (10°)	146	127	99	
Mesa Verde Natl Park	94	7-10+	-7	1-28	3-31 (21°)	4-25 (27°)	5-11 (32°)	10-28 (32°)	10-29 (26°)	11-5 (23°)	219	187	170	
Monte Vista	87	7-12	-37	1-28	5-13 (24°)	5-13 (24°)	6-23 (32°)	9-22 (32°)	10-6 (26°)	10-7 (18°)	147	146	91	
Montrose No. 2	97	7-12	-18	1-28	4-13 (21°)	4-19 (28°)	5-10 (29°)	10-6 (28°)	10-6 (28°)	11-5 (19°)	206	170	149	
Monument 2 W	92	7-24+	-16	1-28+	5-10 (24°)	5-13 (28°)	5-13 (28°)	10-6 (25°)	10-6 (25°)	10-7 (18°)	150	14		



# STATION INDEX

COLORADO  
1948

Station	Former station name	Index No.	County	Drainage	Latitude	Longitude	Elevation above mean sea level (feet)	Years of record			Opened or closed during year		Refer to tables
								Temperature	Precipitation	Evaporation	Month opened	Month closed	
Agate		0092	Elbert	Platte	39 27	103 56	5480		5				2
Akron 4 mi. E		0109	Washington	Kansas	40 10	103 09			7				2
Akron AP CAA		0114	Washington	Kansas	40 07	103 10	4582	23	34				1 2 3
Alamosa		0125	Alamosa	Rio Grande	37 28	105 53	7531	17	17				1 2 3
Alamosa WB Airport		0130	Alamosa	Rio Grande	37 26	105 51	7534	4	4				1 2 3
Allens Park		0183	Boulder	Platte	40 12	105 32	8500	3	4				1 2 3
Altenbern		0214	Garfield	Colorado	39 35	108 32	6800		2				2
Ames		0228	San Miguel	Colorado	37 54	107 55	8750		35				2 2
Amy		0242	Lincoln	Arkansas	38 54	103 39	5420		5				2 2
Arapahoe		0304	Cheyenne	Kansas	38 51	102 11	4013		7				2
Aroya 9 mi. N		0343	Cheyenne	Arkansas	38 59	103 06	5100		5				2
Arriba		0348	Lincoln	Kansas	39 17	103 16	5241	32	33				1 2 3
Artesia		0354	Moffat	Colorado	40 15	109 01	5900		7				2
Aspen		0370	Pitkin	Colorado	39 11	106 50	7913	22	23				1 2 3
Atkinson Ranch		0381	Montezuma	Colorado	37 36	108 53			7				2
Ayer Ranch		0437	El Paso	Arkansas	39 01	104 36	7232		5				2
Bailey		0454	Park	Platte	39 24	105 29	7733	13	13				1 2 3
Big Springs Ranch		0712	El Paso	Arkansas	38 52	104 19			3				2
Blanca		0776	Costilla	Rio Grande	37 26	105 31	7500		39				2
Bloom		0784	Otero	Arkansas	37 41	103 58	4488		17				2
Boulder No. 2		0843	Boulder	Platte	40 01	105 16	5404		8				2
Boulder		0848	Boulder	Platte	40 00	105 17		53	56				1 2 3
Bovina		0862	Lincoln	Kansas	39 19	103 21	5280		5				2
Box Ranch		0873	Las Animas	Arkansas	37 14	103 48	5600	12	12				1 2 3
Branson		0898	Las Animas	Arkansas	37 01	103 53	6292		10				2
Breckenridge		0909	Summit	Colorado	39 29	106 02	9579		2				2
Briggsdale 2 mi. NW		0945	Weld	Platte	40 39	104 20			8				2
Buena Vista 2 mi. S		1071	Chaffee	Arkansas	38 50	106 08	7980	39	48				1 2 3
Burlington		1121	Kit Carson	Kansas	39 18	102 16	5250	45	59				1 2 3
Burlington No. 57 12 mi. NNE		1126	Kit Carson	Kansas	39 28	102 09			7				2
Burlington No. 58 8 mi. SE		1131	Kit Carson	Kansas	39 15	102 09			7				2
Byers		1179	Arapahoe	Platte	39 42	104 13	5202	26	26				1 2 3
Canon City		1294	Fremont	Arkansas	38 26	105 16	5343	59	61				1 2 3
Cascade		1384	San Juan	Colorado	37 40	107 48	8853		42				2
Cedaredge		1401	Douglas	Platte	39 22	104 51			7				2
Center		1440	Delta	Colorado	38 54	107 56	6175	48	50				1 2 3
Cheesman		1458	Saguache	Rio Grande	37 45	106 07	7668	7	8				1 2 3
Cheraw		1528	Jefferson	Platte	39 13	105 17	6890	45	46				1 2 3
Cheyenne Wells		1539	Otero	Arkansas	38 06	103 31			8				2
Coaldale		1564	Cheyenne	Kansas	38 52	102 22	4250	56	56				1 2 3
Cochetopa Creek		1693	Fremont	Arkansas	38 22	105 46			7				2
Collbran		1713	Saguache	Colorado	38 26	106 54	8000	2	2				1 2 3
Colorado Natl Monument		1741	Mesa	Colorado	39 14	107 58	6200	47	57				1 2 3
Colorado Springs WB Airport		1772	Mesa	Colorado	39 06	108 44	5780	9	9				1 2 3
Conejos 3 mi. NNW		1778	El Paso	Arkansas	38 49	104 42	6175	1	1		Apr.		1 2 3
Cortez		1816	Conejos	Rio Grande	37 08	106 02	7900	9	9				1 2 3 4
Craig		1886	Montezuma	Colorado	37 21	108 34	6177	36	36				1 2 3
Crested Butte		1928	Moffat	Colorado	40 31	107 33	6231	15	16				1 2 3
Cripple Creek		1959	Gunnison	Colorado	38 52	106 58	8867	38	50				1 2 3
Cripple Creek 9 mi. NW		1973	Teller	Arkansas	38 45	105 11	9508	12	28				1 2 3
Cucharas Dam		1978	Teller	Arkansas	38 52	105 17	8500		2				2
Cumbres		1978	Huerfano	Arkansas	37 44	104 36			8				2
Deadman Hill		2048	Conejos	Rio Grande	37 01	106 27	10015	6	42				1 2 3
Deertrail		2112	Larimer	Platte	40 48	105 47	10200		6				2
Del Norte		2162	Arapahoe	Platte	39 37	104 03			8				2
Delta		2184	Rio Grande	Rio Grande	37 40	106 21	7880	30	30				1 2 3
Denver WB Airport 6 mi. ENE		2192	Delta	Colorado	38 45	108 04	5115	59	61				1 2 3
Denver WB City		2220	Denver	Platte	39 46	104 53	5298	15	15				1 2 3
Dillon 1 mi. S		2225	Denver	Platte	39 45	105 00	5221	77	77				1 2 3
Doherty Ranch		2281	Summit	Colorado	39 36	106 03	8900	38	42				1 2 3
Dolores		2312	Las Animas	Arkansas	37 23	103 53	4800		9				2
Durango		2326	Montezuma	Colorado	37 28	108 30	6950		18				2
Eads		2432	La Plata	Colorado	37 17	107 53	6554	55	57				1 2 3
Eagle CAA 5 mi. W		2446	Kiowa	Arkansas	38 29	102 46	4262	34	37				1 2 3
Eckley		2454	Eagle	Colorado	39 38	106 55	6497	12	14				1 2 3
Edgewater		2535	Yuma	Kansas	40 07	102 29			8				2
Elk Creek		2557	Jefferson	Platte	39 46	105 03	5450	39	41				1 2 3
Erie		2633	Jefferson	Platte	39 29	105 20			8				2
Estes Park 1 mi. N		2731	Boulder	Platte	40 03	105 02	5035		3				2
Evergreen 2 mi. SW		2759	Larimer	Platte	40 23	105 31	7750	33	40				1 2 3
Evergroll Ranch		2795	Jefferson	Platte	39 37	105 21			8				2
Fairplay		2803	Baca	Arkansas	37 02	102 05	3576	4	5				1 2 3
Ferndale Ranch		2814	Park	Platte	39 14	106 00	10000		6				2
Fleming		2880	Moffat	Colorado	40 47	107 39	7000		8				2
Florence		2944	Logan	Kansas	40 40	102 50	4250		12				2
Forder 8 mi. S		2955	Fremont	Arkansas	38 23	105 08	5190	13	13				1 2 3
Fort Collins		2997	Lincoln	Arkansas	38 33	103 41	4500		15				2
Fort Lewis		3005	Larimer	Platte	40 35	105 05	4935	68	69	8			1 2 3 4
Fort Lupton 4 mi. E		3016	La Plata	Colorado	37 14	108 03	7610	42	48				1 2 3
Fort Morgan 1 mi. N		3027	Weld	Platte	40 05	104 43	4906	30	38				1 2 3
Fountain		3038	Morgan	Platte	40 15	103 48	4321	52	58				1 2 3
Fountain 6 mi. NNE		3063	El Paso	Arkansas	38 40	104 42	5546		7				2
Fowler		3068	El Paso	Arkansas	38 47	104 37	5960		8				2
Fraser		3079	Otero	Arkansas	38 07	104 01	4330		9				2
Froze Creek		3113	Grand	Colorado	39 57	105 50	8560	39	40				1 2 3
Fruita 1 mi. S		3138	Custer	Arkansas	38 00	105 20	8200		7				2
Gardner		3146	Mesa	Colorado	39 09	108 44	4525	49	50				1 2 3
Gateway 4 mi. NE		3222	Huerfano	Arkansas	37 46	105 11	7000		11				2
Genoa		3246	Mesa	Colorado	38 42	108 56	4903		1				2
Georgetown		3258	Lincoln	Kansas	39 17	103 30	5599		8				2
Glen Mar		3261	Clear Creek	Platte	39 42	105 43	8570	10	21		June		1 2 3
Glenwood Springs 3 mi. SSE		3345	Grand	Colorado	39 47	106 01	8687		2				2
Graft 2 mi. NNE		3359	Garfield	Colorado	39 32	107 20	5823	47	49				1 2 3
Granada		3463	Baca	Arkansas	37 27	102 53	4950				Sept.		2
Grand Junction WB Airport		3477	Prowers	Arkansas	38 04	102 19			8				2
Grand Lake		3488	Mesa	Colorado	39 06	108 32	4849	58	59	1			1 2 3 4
Grand Lake 4 mi. SSW		3496	Grand	Colorado	40 16	105 50	8380	9	22				1 2 3
Great Divide		3500	Grand	Colorado	40 15	105 51	8389				June		1 2 3
Grealey		3538	Moffat	Colorado	40 47	107 50	6870		7				2
Greenland No. 25 8 mi. SE		3546	Weld	Platte	40 26	104 41	4648	56	61				1 2 3
Greenland No. 26 7 mi. NE		3579	El Paso	Platte	39 08	104 43	7350		8				2
Green Mountain Dam 4 mi. SSW		3584	Douglas	Platte	39 14	104 43			8				2
Greystone		3592	Summit	Colorado	39 53	106 20	7760	14	14				1 2 3 4
Grover 10 mi. W		3609	Moffat	Colorado	40 37	108 40	6800	12	12				1 2 3
Guffey		3643	Weld	Platte	40 52	104 25	5076	39	48				1 2 3
Gunnison		3654	Park	Arkansas	38 45	105 32	8600		9				2
Hamilton		3692	Gunnison	Colorado	38 33	106 55	7634	55	58				1 2 3
Harmon Ranch		3738	Moffat	Colorado	40 22	107 37			2				2
Hartsel		3783	Baca	Arkansas	37 29	102 41	4600		5				2
Haswell		3811	Park	Platte	39 02	105 48	8866		40				2
Hawthorne		3828	Kiowa	Arkansas	38 27	103 09	4528		26				2
		3850	Boulder	Platte	39 56	105 18	5923		40				2

See reference notes following Station Index

Continued.

## STATION INDEX

COLORADO  
1948

Station	Former station name	Index No.	County	Drainage	Latitude	Longitude	Elevation above mean sea level (feet)	Years of record			Opened or closed during year		Refer to tables
								Temperature	Precipitation	Evaporation	Month opened	Month closed	
Hayden		3867	Routt	Colorado	40 30	107 15	6337	31	32				1 2 3
Hermit 9 mi. SE		3951	Mineral	Rio Grande	37 45	107 07	9001	46	48				1 2 3
Highee 6 mi. SW		3982	Otero	Arkansas	37 43	103 30	4250		8				2
Holly		4076	Prowers	Arkansas	38 03	102 07	3385	43	51				1 2 3
Holyoke		4082	Lincoln	Kansas	40 35	102 18	3745	40	54				1 2 3
Hoyt		4155	Morgan	Platte	40 00	104 05	5000		8				2
Hugo		4172	Lincoln	Arkansas	39 08	103 28			8				2
Idaho Springs		4234	Clear Creek	Platte	39 45	105 33	7540	50	51				1 2 3
Idalia 1 mi. SE		4242	Yuma	Kansas	39 41	102 16	3961		8				2
Ignacio 1 mi. N		4250	La Plata	Colorado	37 08	107 38	6425	35	35				1 2 3
Independence Pass		4270	Pitkin	Colorado	39 05	106 37	10500		2				2
Jaroso		4346	Coetilla	Rio Grande	37 00	105 38	7579	9	13				1 2 3
Joes		4380	Yuma	Kansas	39 39	102 41			8				2
John Martin Dam		4388	Sent	Arkansas	38 05	102 57	3820	9	9	8			1 2 3 4
Julesburg		4413	Sedgwick	Platte	41 00	102 15	3469	38	45				1 2 3
Karval 5 mi. N		4444	Lincoln	Arkansas	38 48	103 31	5104		8				2
Kassler		4452	Jefferson	Platte	39 30	105 06	5495	35	46				1 2 3
Kauffman 4 mi. SSE		4460	Weld	Platte	40 50	103 56	5250	12	12				1 2 3
Kim 16 mi. N		4538	Las Animas	Arkansas	37 27	103 20	5240						2
Kit Carson		4603	Cheyenne	Arkansas	38 46	102 47	4284	13	18				1 2 3
Kline 3 mi. W		4614	La Plata	Colorado	37 07	108 11	6619		6				2
Kremmling		4664	Grand	Colorado	40 04	106 24	7322	3	3				1 2 3
Kutch		4684	Elbert	Arkansas	38 55	103 52			7				2
La Junta AP CAA		4720	Otero	Arkansas	38 03	103 31	4190	4	21				1 2 3
Lake City		4734	Hinedale	Colorado	38 03	107 19	8888						2
Lake George 8 mi. SW		4742	Park	Platte	38 55	105 29							2
Lake Moraine		4750	El Paso	Arkansas	38 49	105 01	10265	54	55				1 2 3
Lamar		4770	Prowers	Arkansas	38 04	102 37	3642	58	60				1 2 3
Lae Animas 1 mi. N		4834	Bent	Arkansas	38 04	103 13	3892	63	67				1 2 3
La Veta Pass		4870	Costilla	Arkansas	37 28	105 10	9242		40				2
Leadville No. 1		4884	Lake	Arkansas	39 16	106 18	10177	46	53				1 2 3
Le Roy		4945	Logan	Kansas	40 29	103 01	4390		60				2
Line 3 mi. SE		5001	Pueblo	Arkansas	38 07	104 35	4900		2				2
Limon 5 mi. SW		5015	Elbert	Arkansas	39 12	103 44	5360	38	39				1 2 3
Limon		5017	Lincoln	Arkansas	39 16	103 41	5360	1	1				1 2 3
Little Dolores		5040	Mesa	Colorado	38 56	108 52	6700		7				2
Little Hills		5048	Rio Blanco	Colorado	40 00	108 12	6200	3	3				1 2 3
Longmont 2 mi. SSE		5116	Boulder	Platte	40 10	105 04	4950	48	48				1 2 3
Longmont 6 mi. NW		5121	Boulder	Platte	40 15	105 08			8				2
Longs Peak		5141	Larimer	Platte	40 17	105 34	9000	49	51				1 2 3
Manassa		5322	Conejos	Rio Grande	37 11	105 57	7700	47	47				1 2 3
Mancos		5327	Montezuma	Colorado	37 21	108 17	7035		2				2
Manitou Springe		5352	El Paso	Arkansas	38 52	104 56			6				2
Marsball Pass		5394	Saguache	Arkansas	38 24	106 15	10845		2				2
Marvine		5408	Rio Blanco	Colorado	40 00	107 35	7200		2				2
Meeker		5484	Rio Blanco	Colorado	40 02	107 55	6240	43	45				1 2 3
Meeker 13 mi. NW		5489	Rio Blanco	Colorado	40 08	108 00	6500	19	19				1 2 3
Mesa Verde Natl Park		5531	Montezuma	Colorado	37 12	108 30	6960	28	26				1 2 3
Midway		5564	El Paso	Arkansas	38 37	104 40			2				2
Mitchell 22 mi. E		5667	Baca	Arkansas	37 04	102 14	4375		8				2
Monarch Pass		5695	Chaffee	Arkansas	38 31	106 22			8				2
Monte Vista		5706	Rio Grande	Rio Grande	37 34	106 09	7675	16	16				1 2 3
Montrose No. 1		5717	Montrose	Colorado	38 29	107 53	5830	60	61				1 2 3 4
Montrose No. 2		5722	Montrose	Colorado	38 29	107 53	5830		9				1 2 3
Monument 2 mi. W		5730	El Paso	Arkansas	39 05	104 56	7400	33	38				1 2 3
Mount Morrison 1 mi. SW		5805	Jefferson	Platte	39 39	105 14			8				2
Mule Shoe Lodge		5819	Huerfano	Arkansas	37 35	105 10			8				2
New Raymer		5922	Weld	Platte	40 36	103 50			8				2
Northdale		5970	Dolores	Colorado	37 49	109 02	6482	18	19				1 2 3
North Lake		5990	Las Animas	Arkansas	37 13	105 03	8800		55				2
Norwood		6012	San Miguel	Colorado	38 08	108 17	7017	20	20				1 2 3
Nunn		6023	Weld	Platte	40 38	104 45			1				2
Oil Shale Mine		6073	Garfield	Colorado	39 33	107 56	8200	2	2				1 2 3
Olathe 6 mi. W		6081	Montrose	Colorado	38 36	108 04	5468		8				2
Ordway		6131	Crowley	Arkansas	38 13	103 45	4300		32				2
Otis 11 mi. NE		6192	Washington	Kansas	40 16	102 51	4500		8				2
Ouray		6203	Ouray	Colorado	38 01	107 41	7720	2	9				1 2 3
Ovid		6225	Sedgwick	Platte	40 57	102 22	3531		8				2
Pagosa Springs		6258	Archuleta	Colorado	37 16	107 01	7108	28	29				1 2 3
Palisade 1 mi. S		6266	Mesa	Colorado	39 07	108 21	4740	34	38				1 2 3
Palisade Lake		6271	Hinsdale	Colorado	37 30	107 10	7721		2				2
Paoli		6299	Pblllips	Platte	40 36	102 28			8				2
Paonia 3 mi. SE		6307	Delta	Colorado	38 51	107 34	6200	46	51				1 2 3
Paradox 2 mi. SE		6315	Montrose	Colorado	38 22	108 57	5280	7	7				1 2 3
Parker 9 mi. E		6326	Elbert	Platte	39 31	104 38	6300	18	22				1 2 3
Pearl		6382	Jackson	Platte	40 58	106 34	8500	18	24				1 2 3
Penrose 3 mi. NNW		6410	Fremont	Arkansas	38 27	105 04	5530		25				2
Pevely Ranch		6438	Elbert	Arkansas	39 00	103 44	5450		8				2
Pitkin		6513	Gunnison	Colorado	38 36	106 32	9200		39				2
Placerville		6524	San Miguel	Colorado	38 02	108 04	7282		2				2
Pritchett 5 mi. ESE		6705	Baca	Arkansas	37 19	102 43	4390		5				2
Pueblo NE Airport 3 mi. SW		6738	Pueblo	Arkansas	38 14	104 38	4799	56	70				1 2 3
Pueblo City Reservoir		6743	Pueblo	Arkansas	38 17	104 39	4687		7				2 4
Pueblo Fire Sta. No. 2		6748	Pueblo	Arkansas	38 16	104 36	4699		4				2
Pueblo Fire Sta. No. 5		6753	Pueblo	Arkansas	38 17	104 37	4801		4				2
Pyramid		6797	Routt	Colorado	40 16	107 07			2				2
Rabbit Ears Pass		6811	Routt	Colorado	40 23	106 40			8				2
Redcliff		6917	Eagle	Colorado	39 31	106 22	8608	2	19				1 2 3
Red Feather Lakes		6925	Larimer	Platte	40 48	105 36	8363	8	8				1 2 3
Rico		7017	Dolores	Colorado	37 41	108 02	8824		47				2
Rifle		7031	Garfield	Colorado	39 31	107 47	5500	34	34				1 2 3
Rio Grande Reservoir		7050	Hinedale	Rio Grande	37 43	107 16	9200		8				2
Rocky Ford 2 mi. ESE		7167	Otero	Arkansas	38 02	103 42	4177	60	60				1 2 3
Rusb 2 mi. NNE		7287	El Paso	Arkansas	38 52	104 05	5800		32				2
Rye		7315	Pueblo	Arkansas	37 48	104 55	6790	4	5				1 2 3
Saguache		7337	Saguache	Rio Grande	38 05	106 08	7697	52	53				1 2 3
Salida		7370	Cbaffee	Arkansas	38 32	106 00	7050	41	42				1 2 3
San Luis		7428	Costilla	Rio Grande	37 12	105 27			8				2
San Luis Lakee 3 mi. W		7433	Alamosa	Rio Grande	37 39	105 48	7530	3	3	2			1 2 3 4
Santa Maria Reservoir		7450	Mineral	Rio Grande	37 48	107 07	9300		8				2
Sapinero 8 mi. E		7455	Gunnison	Colorado	38 28	107 10	7800				Sept.		1 2 3
Sargents 6 mi. W		7461	Saguache	Colorado	38 24	106 28	8125		2				2
Sedalia 6 mi. S		7505	Douglas	Platte	39 22	105 00	6187		8				2
Sedgwick		7513	Sedgwick	Platte	40 56	102 31	3583	40	42				1 2 3
Shaw		7557	Lincoln	Kansas	39 33	103 21			6				2
Sboshone		7618	Garfield	Colorado	39 34	107 14	5918		39				2
Silver Lake		7648	Boulder	Platte	40 02	105 36	10200		38				2
Silverton 2 mi. NE		7656	San Juan	Colorado	37 48	107 40	9415	42	42				1 2 3
Simla		7664	Elbert	Arkansas	39 09	104 05			6				2
Spicer 4 mi. NE		7848	Jackson	Platte	40 29	106 25	8300	35	38				1 2 3
Springfield		7862	Baca	Arkansas	37 24	102 36	4400		44				2
Springfield 8 mi. S		7867	Baca	Arkansas	37 17	102 37	4500	1	1		Jan.		1 2 3

See reference notes following Station Index

# STATION INDEX

COLORADO  
1948

Continued.

Station	Former station name	Index No.	County	Drainage	Latitude	Longitude	Elevation above mean sea level (feet)	Years of record			Opened or closed during year		Refer to tables
								Temperature	Precipitation	Evaporation	Month opened	Month closed	
State Turkey Exp. Farm		7928	Archuleta	Colorado	37 13	107 16	6900	4	4				1 2 3
Steamboat Springs		7936	Routt	Colorado	40 30	106 50	6770	45	46				1 2 3
Sterling		7950	Logan	Platte	40 37	103 12	3939	39	40				1 2 3
Stonington 6 mi. E		7992	Baca	Arkansas	37 18	102 04	4300		8				2
Stratton		8008	Kit Carson	Kansas	39 18	102 35	4404	15	16				1 2 3
Sugarloaf Reservoir		8064	Lake	Arkansas	39 16	106 22	10000	2	2				1 2 3 4
Summitville 1 mi. S		8092	Rio Grande	Rio Grande	37 26	106 36	11330	13	13			Aug.	1 2 3
Sunbeam 7 mi. SW		8100	Moffat	Colorado	40 30	108 16	5861	22	22				1 2 3
Taylor Park		8184	Gunnison	Colorado	38 49	106 38	9206	9	9				1 2 3
Telluride		8204	San Miguel	Colorado	37 57	107 49	8756	41	40				1 2 3
Tennessee Pass		8212	Lake	Colorado	39 20	106 20	10245		2				2
Tercio 5 mi. W		8220	Las Animas	Arkansas	37 04	105 03			6				2
Trinidad		8429	Las Animas	Arkansas	37 10	104 30	6300	46	53				1 2 3
Trinidad AP CAA Hoehne	Hoehne 12 mi. NE	8434	Las Animas	Arkansas	37 16	104 20	5739	38	40				1 2 3
Trout Lake		8454	San Miguel	Colorado	37 50	107 53	9700		35				2
Troy 7 mi. SE		8468	Las Animas	Arkansas	37 05	103 12	5735		8				2
Two Buttes		8510	Baca	Arkansas	37 33	102 23	4065	50	54				1 2 3
Uteville		8574	Baca	Arkansas	37 16	103 02	5000		28				2
Vallecito Dam		8582	La Plata	Colorado	37 24	107 33	7650	6	11		1		1 2 3 4
Vona		8722	Kit Carson	Kansas	39 18	102 44	4500		8				2
Wagon Wheel Gap 3 mi. N		8742	Mineral	Rio Grande	37 46	106 49	8500	24	24		8		1 2 3 4
Walden		8756	Jackson	Platte	40 44	106 16	8340	19	19				1 2 3
Walsenburg		8781	Huerfano	Arkansas	37 38	104 47	6200	12	14				1 2 3
Waterdale		8839	Larimer	Platte	40 25	105 12	5200	44	54				1 2 3
Westcliffe		8931	Custer	Arkansas	38 08	105 29	7860	45	46				1 2 3
Westcreek		8939	Teller	Platte	39 08	105 05			7				2
Wetmore 5 mi. S		8986	Custer	Arkansas	38 10	105 05	5300	2	2				1 2 3
White Rock		8997	Pueblo	Arkansas	37 51	104 07			9				2
Wilcox Ranch 4 mi. SE		9045	Delta	Colorado	38 55	107 32	5950		7				2
Willow Creek 4 mi. SE		9103	Routt	Colorado	40 18	107 16	7250	17	18				2
Windsor		9147	Weld	Platte	40 29	104 51	4791		8				2
Winter Park		9175	Grand	Colorado	39 54	105 46	9058		9				2
Wolf Creek Pass 4 mi. W		9183	Mineral	Colorado	37 29	106 52	9425	11	11				1 2 3
Woodland Park 8 mi. N		9210	Teller	Platte	39 06	105 05			7				2
Wray		9243	Yuma	Kansas	40 04	102 13	3512	50	51				1 2 3
Yampa		9265	Routt	Colorado	40 09	106 54	7890		2				2
Yuma		9295	Yuma	Kansas	40 08	102 44	4128	9	59				1 2 3

### REFERENCE NOTES

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F; precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 4.

The four digit identification numbers in the Index are assigned on a state basis. There will be no duplication of numbers within a state.

Delayed data and corrections will be carried only in the June and December issues of Climatological Data.

- No record.

+ Also later dates or months.

// Gage is equipped with a windshield.

B Adjusted to full month.

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

M 1 to 10 days' record missing; see monthly Climatological Data for detailed daily record.

T Trace, an amount too small to measure.

V Includes total for previous month.

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COLORADO -- W.B.O., Washington, D.C. -- 1500 -- 4-26-49





