

CLIMATOLOGICAL DATA

COLORADO SECTION

5

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GENERAL SUMMARY

A deficiency in temperature was state-wide, only one station, Fruita, reporting a slight excess. The month was the third coldest May of record, averaging 3.4° below normal, and brought to an end the most prolonged period of warmth since the beginning of observations. Average daily deficiencies were greatest in the South Platte River Valley; however, deficiencies of from 4° to more than 8° were common generally east of the mountains. The month opened cold, with temperatures well below normal during the first five days. Warmer weather prevailed generally from the 6th to the 12th, after which the temperature again fell and averaged as much as 19° below normal during the following 10 days. From the 23d to the 27th, a change to warmer occurred west of the mountains, the month closing with cooler weather over northern and western counties. A decided deficiency in sunshine prevailed throughout the State.

This was the wettest May in the 48 years of climatic history. The monthly mean, 3.74 inches, was the greatest mean in any month since April, 1905, when the average for the State was 3.94 inches. The excess was state-wide, only 10 stations, scattered over the lower portions of the Colorado and Gunnison River valleys and extreme southeast and east-central counties, reporting deficiencies. Amounts were greatest in the drainage basin of the South Platte River and in El Paso County, where excesses of from 3.00 inches to more than 6.00 inches occurred. A general account of floods resulting from heavy local downpours through this region is published on page 25 of this publication, together with a general summarization of dust storms. The average number of days with 0.01 inch or more of precipitation, 15, has never been equalled during any month since the beginning of the State Climatological Service in 1888.

The cold, rainy weather on the western slope was detrimental to shearing and lambing, and tender ground crops were injured by frost in the colder portions of the Colorado Valley on the 5th. Western livestock was in fair condition, and the movement to higher ranges was started. The growth of vegetation was slow generally everywhere in the State because of the low temperatures. Sufficient precipitation occurred in southeastern counties to effectually break the drought, but more moisture still is needed in that region.

TEMPERATURE

The monthly mean for the State, as shown by the records of 89 stations, was 48.7°, which is 3.4° below the mean for the past 48 years. The highest monthly mean was 60.6° at Pali-sade and the lowest, 35.0°, at Lake Moraine. The highest, 94°, occurred at Cheyenne Wells on the 31st, and the lowest 8°, at Hermit (near) and at Lake Moraine on the 4th. The greatest daily range was 56°, at Bloom on the 30th.

PRECIPITATION

The average for the State, as shown by the records of 112 stations, was 3.74 inches, which is 1.83 inches above the mean for the past 48 years. The greatest monthly amount was 9.47 inches at Hawthorne, and the least, 0.41 inch at Cortez. The greatest precipitation in any 24 consecutive hours was 3.00 inches at Rush on the 30th.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Stations	Atmospheric pressure (reduced to sea level)					Wind			Relative humidity			Pct. of sunshine	
	Mean	Highest	Date	Lowest	Date	Av. h'ly velocity	Max. velocity	Direction	Date	6 a. m.	12 noon		6 p. m.
Denver	29.93	30.48	3	29.99	1	8.7	29	nw.	7	84	57	60	32
Grand Junction.	29.79	30.16	4	29.43	17	7.3	32	nw	27	61	31	31	57
Pueblo	29.87	30.46	3	29.42	18	8.1	28	e.	30	78	46	41	61
Cheyenne, Wyo.	29.95	30.44	3	29.41	1	10.7	30	nw.	6	86	64	74	37

COMPARATIVE DATA FOR MAY

Year	Temperature				Precipitation				Number of days				
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip. .01 in. or more	Clear	Pt. c'd'y	Cloudy
1888.....	49.1	-3.0	92	7	2.21	+0.30	5.81	0.17	.....	.....	.....	.....	.....
1889.....	52.2	+0.1	97	0	2.04	+0.13	5.05	0.03	.....	.....	.....	.....	.....
1890.....	54.5	+2.4	93	11	0.93	-0.98	3.00	0	.....	.....	.....	.....	.....
1891.....	52.6	+0.5	93	1	3.20	+1.29	8.67	0.49	.....	.....	.....	.....	.....
1892.....	49.3	-2.8	96	11	2.71	+0.80	9.73	0.03	.....	.....	.....	.....	.....
1893.....	51.0	-1.1	98	-2	1.66	-0.25	6.30	0.00	.....	.....	.....	.....	.....
1894.....	55.0	+2.9	101	6	2.63	+0.72	9.11	0.01	.....	.....	.....	.....	.....
1895.....	53.0	+0.9	106	-6	2.61	+0.70	7.40	0.03	.....	.....	.....	.....	.....
1896.....	54.1	+2.0	100	-10	1.14	-0.77	5.60	0.00	4.7	4	14	12	5
1897.....	56.0	+3.9	96	15	1.94	+0.93	5.37	0.09	0.7	5	10	16	5
1898.....	50.1	-2.0	93	8	3.59	-0.33	9.14	0.46	9.6	11	9	12	10
1899.....	52.3	+0.2	100	3	0.63	-1.28	2.93	0.00	1.3	3	14	13	4
1900.....	55.8	+3.7	95	11	1.28	-0.63	4.00	T.	1.2	5	13	13	5
1901.....	55.3	+3.2	92	18	2.38	+0.42	10.52	T.	1.8	8	9	15	7
1902.....	55.2	+3.1	96	11	2.29	+0.38	7.00	0.10	0.9	8	14	11	6
1903.....	51.1	-1.0	93	-2	1.09	-0.82	4.80	T.	3.2	6	13	12	6
1904.....	51.5	-0.6	97	6	2.83	+0.92	14.00	0	4.0	8	14	12	5
1905.....	49.8	-2.3	90	0	2.24	+0.33	5.35	0.10	4.6	9	13	12	6
1906.....	52.7	+0.6	99	12	1.80	-0.11	4.29	0.34	1.5	7	15	10	6
1907.....	47.1	-5.0	95	-3	2.37	+0.46	7.03	0.76	7.4	11	9	12	10
1908.....	49.2	-2.9	97	4	2.12	+0.21	6.53	0.26	5.2	7	14	11	6
1909.....	49.1	-3.0	95	-5	1.92	-0.59	5.16	T.	1.7	7	12	13	6
1910.....	51.6	-0.5	98	6	1.60	-0.31	5.27	T.	5.8	7	14	11	6
1911.....	53.0	+0.9	99	9	0.86	-1.05	3.18	0	1.3	4	14	12	5
1912.....	50.6	-1.5	98	0	1.62	-0.29	5.56	0	8.6	6	14	10	7
1913.....	53.8	+1.7	99	10	0.94	-0.97	3.70	T.	0.9	5	15	11	5
1914.....	53.3	+1.2	96	3	2.54	+0.63	13.77	0.10	3.4	9	12	11	8
1915.....	49.5	-2.6	99	-2	2.59	+0.68	7.98	0.60	7.8	9	11	10	10
1916.....	50.9	-1.2	99	1	1.34	-0.57	3.95	0	6.6	4	18	8	5
1917.....	45.9	-6.2	90	-8	3.25	+1.34	7.63	0.65	14.1	12	8	11	12
1918.....	52.1	0	97	10	0.82	-1.09	2.96	0	1.4	4	15	11	5
1919.....	53.2	+1.1	97	8	1.08	-0.83	3.70	0.02	0.4	6	15	10	6
1920.....	52.2	+0.1	96	10	1.73	-0.18	4.80	T.	0.9	7	15	9	8
1921.....	52.9	+0.8	99	6	1.41	-0.50	5.32	0.08	1.2	7	13	11	7
1922.....	51.6	-0.5	91	2	1.41	-0.60	4.67	T.	4.0	6	16	9	6
1923.....	51.4	-0.7	95	12	2.35	+0.44	8.03	T.	3.4	8	13	10	8
1924.....	49.8	-2.3	93	0	1.99	+0.08	6.09	T.	6.9	7	14	9	8
1925.....	55.5	+3.4	103	15	1.41	-0.50	4.61	0.23	0.5	8	13	10	8
1926.....	52.7	+0.6	96	10	2.23	+0.32	4.95	0.20	2.4	10	12	11	8
1927.....	54.6	+2.5	103	8	0.81	-1.10	3.10	0	3.7	2	21	6	4
1928.....	53.4	+1.3	103	11	3.25	+1.34	7.26	0.53	3.4	12	11	10	10
1929.....	51.7	-0.4	94	2	1.61	-0.30	4.01	0.15	4.2	7	15	9	7
1930.....	50.2	-1.9	95	2	2.40	+0.49	7.74	0.10	5.4	9	13	9	9
1931.....	51.0	-1.1	101	4	1.69	-0.22	4.95	0.15	6.0	8	14	10	7
1932.....	54.5	+2.4	96	12	0.83	-1.63	2.36	0	0.9	5	15	9	7
1933.....	50.5	-1.6	99	-3	1.92	+0.01	4.80	0.08	5.9	7	15	9	7
1934.....	59.6	+7.5	106	12	1.35	-0.56	3.87	0.08	1.2	6	14	11	6
1935.....	48.7	-3.4	94	8	3.74	+1.83	9.47	0.41	4.7	15	13	12	6
Period ...	52.1	.....	106	-10	1.91	.....	14.00	0	3.8	7	13	11	7

Climatological Data for May, 1935

Table with columns: Stations, Counties, Elevation, Length of record, Mean, Departure from normal, Highest, Date, Lowest, Date, Greatest daily range, Length of record, Total, Departure from normal, Greatest in 24 hours, Total snowfall, With precip. 0.1 inch or more, Clear, Partly cloudy, Cloudy, Prevailing direction of wind, Observers.

Statistics opposite "For the month," last line above, are computed from data for all stations reporting, a number of which are not printed on this page. Postoffice addresses of these stations are: Cathedral, Powderhorn; Cheesman, South Platte; Edgewater, Spivak; Fort Lewis, Hesperus; Fremont Experiment Station, Colorado Springs; Garnett, Hooper; Hermit (near), Creede; Kassler, Littleton; Lake Moraine, Manitou; Le Roy, Sterling; Long Branch, Hugo; Pearl, Cowdrey; Waterdale, Loveland; Willow Creek, Pagoda. The departures from normal are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters, a, b, c, etc., indicate 1, 2, 3, etc., days missing. T, Less than 0.01 inch. † Also on other dates. ‡ Interpolated.

Daily Precipitation for May, 1935

Stations	Drainage-basins	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					
Alamosa	Rio Grande	T.	.75	.03				T.		T.					.18			.15	.05	.16	.20	.25		.01									.19				2.97
Ames	San Miguel	.23	.16	.05	.03	.03				T.					.52	.08	.10	.22	.09	.25	.60	.34	.10														2.95
Arriba	Republican			.05						.08	.46	.02				.01	.46	.05	.03	1.56	.43	.03	.04	.09	.49		T.	.48	.26				.15	.70		5.37	
Aspen	Colorado	.44		.01				.28	.13	.04					.02		.69			.03	.92	.57	.19		T.	.20	T.	.05				.08	.16		.02	3.83	
Auldurst	South Platte																																				
Bloom	Arkansas			.33						T.					T.	.85			.86	1.60	.20				T.									.50		4.34	
Boulter	South Platte	.05	.18	.06	.10			.14	.08	.28	.24			.03	.15	.78	.38	.28	.11	.16	1.96	.47	.04	.05	.24	.67	.02	.02				.34	.19	.12	T.	7.04	
Buena Vista	Arkansas		.16	.24	.12			.12	.02	.07					.02	.13				.86	.02															1.76	
Burlington	Republican									.07	.09					.31	T.	.21	.41	.37	.05	.07				.20							.02	.15		.09	2.04
Byers	South Platte		.01		.02	T.	T.		.05	.15			.40	.35	.14	T.	.45	T.	.16	1.31	.57	.01	.14	.10	.32	T.					.06	.85		.11	.14	5.34	
Callan	Big Sandy		.02	.09	.11			T.	.01	.90	.39	.14	T.		.20	.14	.16	.23	.31	1.35	.21	.02	.03	.24	.17	.30	.10	T.	.13	.40	.22	.65	.04		6.56		
Canon City	Arkansas	T.	.02	.37		.02				.30	.45	.64	.07	1.85	.02					.02						.01										4.23	
Cascade	San Juan	.14	T.	.52	T.			T.		.16	T.				.16	T.					T.	.16														0.98	
Cedarage	Gunnison	.08	.02	.30	.17				.01	.16			.01		.22	.25	.01			.02	.13	.02										.04		.01		1.45	
Cheesman	South Platte		.10	.09	.08			.02	T.	.38		.06			.47	.24	.49			.06	1.18	.25			.22		.04		.04	.36					4.08		
Cheyenne Wells	Smoky Hill					T.			T.		.14				T.	T.	T.	.28	T.	.16	.74	.06			.40		T.				.18			.28		2.24	
Colbran	Colorado		.28	.17	.11				.09						T.	T.	T.	.40			.57	.09				T.					.15	.25				2.11	
Colorado Springs	Arkansas		.08	.29	.15				T.	.13	.32	.05			.03	.76	.23	.28	.55	.49	1.65	T.	T.		.46	.15	.05	T.	.09	.20	.34					8.10	
Columbine	Yampa	.18	.07	T.				.23	T.	T.			T.	.26	.43	.27	.21		.03	.03				.17	.04	.13		.07	.42	.30		.07	.42	.30		3.02	
Cope	Republican	T.						T.	.18	.25					.02	.01	.69	T.	.01	1.07	.47	.07	.11	.31	T.		.07	.28	.06	.14	.88	.55			6.12		
Cortez	Dolores		T.	.12	.01										.08	.10	.09	T.			.01															0.41	
Crested Butte	Gunnison	1.35	.07	.03			.09	.11							.07	.02			.12	.10	.10	.11	.06											T.		10.89	
Cuchara Camps	Arkansas	T.	.20	.20	.07			.01	T.						.10	.07	.06	.16	.99	1.63	.17	.33				.12	.31						.03			4.46	
Cumbres	Rio Grande	.19	.09	.87	.06								.21	.99	.28	.22	.11	.09	.93	.84	.87															5.75	
Deaton's Ranch	Arkansas										.19				.43	1.15	.26			.48	1.15	.26		.06		.57	T.	.14				.07			.49	3.86	
Del Norte	Rio Grande			.70										.40			.30			.80	.10	.95		.05		.15									3.45		
Delta	Gunnison			.13	.12				.02						.08	.12			T.	T.																0.53	
Denver***	South Platte	.51	.06	.02	.02	.09	.04	.01	.23	.02			.02	.04	.37	.29	.05	T.	.35	1.41	.25	.13		.17	.08	.01	.11	.10	.07	.39	.19	.03	.06	T.	.01	4.95	
Denver (Airport)***	do	.39	.04	.05	.02	.04	.05	.10	.15	T.			.06	.10	.42	.29	.02	T.	.15	1.26	.49	.15	.04	.16	.24	.01	.02	T.	.39	.19	.03	.06	T.		4.92		
Dillon	Colorado							.30	.10	.20					.20	.20			.20	.45	.07				.12		.11									2.00	
Durango	San Juan		.12	.70	.12	.04		.30	.10	.20			.06	.36	.36	.36	.03	.02			.10	.52	.02													2.81	
Eads	Big Sandy				.02				.05						.02		.19			.32														.07	T.	.13	1.76
Edgewater III	South Platte		.70	.02	.06			.07	.20	.12					.40	.25	.19		.01	1.40	1.01	.10	.10		.35	.01	.23	.01	.02	.08	.41	.12	.01		5.87		
Estes Park (near)	do						.08	.14	.10					.08	.41	.26	.07	.08	.12	1.16	.26	.08		.02	.66	.10	.12		.12	.18	.01	.09	.02		4.49		
Florence	Arkansas		.02	.11	.06										.15	.59	.20	.38	.17	1.60	.23	.01		.12	.03											3.84	
Fort Collins	South Platte	.21	.10	.06	.01	T.	.09	T.	.21	.11			.07	.57	.25	.20	.01			1.76	.68	.16	.01	.60	.59	.02	.03		.10	.16	.07	.34	.13		6.71		
Fort Lewis	La Plata	.02	.30	.72	.15	.06									.21	.27	.18	.37	.06																	3.49	
Fort Lupton (near)	South Platte	T.	.06	T.	.12		.08	.06	.11	.03				.04	.70	.21		.87	.39	1.48	.52	.03	.18	.11	.71			T.	.06	.60	.13	.53	.11		7.13		
Fort Morgan III	do												.21	.85	.03	.23		.17	1.19	.30	.29			.32		.02			.68	.62	.51			.03	6.10		
Fraser	Colorado	.02	.05	T.			.20	.46	.17						.02	.35			.10	.89	.15	T.	T.	.07	T.	.13	.02	T.	.05	.15					.02	2.85	
Fremont Exper. Sta***	Arkansas	.26	.16	.24	.25	.02	.07	.07	.31	.18					T.	.72	.31	.27	.67	2.43	1.86	.06	.02	T.	.19	.37	.21	.08	T.	.05	.08	.05	T.			8.93	
Fruita	Colorado		.04	.04			T.	T.							.06	.21				.21																0.43	
Garnett	Rio Grande		.23	.23		T.	T.								.20	.03			.04	.15	.76	.27			T.										1.91		
Glenwood Springs	Colorado	.16	.10	.45			.16	.13	.08				.04		.05	.26			.02	.33	.06								.22	.05	.36				.04	2.54	
Grand Junction***	do	T.	.01	.07			T.	T.					T.	T.	.08	.32				.20	.05	T.							T.	.04	T.					0.77	
Greeley III	South Platte		.07					.02	.05	.04					.20	.49	.10	.06		.12	.46	1.34	.36	.48		.72	.02	.12		.30	.18	.61	.05		5.79		
Grover (near)	do														.91		.11	.41			1.00	.60			.15		.33		.50	.45	.10	.18			.31	5.05	
Gunnison	Gunnison		.08		.08			.15	.13						.28	.14			.15	.66	.46	.04							.03	.02					.04	2.26	
Hartsel	South Platte	T.			.45		.05	.08							.10	.41	.12	.10		.63	.06						.02									2.04	
Haswell III	Big Sandy		.22	.04	.02	T.	.23	.10	.26	.10			T.	.14	.92	.30	.28	T.	.30	2.21	.95	.21	.11	.26	.66	.11	T.	1.44	.28	.04	.27	.02			3.71		
Hawthorne	South Platte																																			9.47	
Haxton	Republican													.25	*	1.10	.16	.04	.04	*	1.65	.22	.28	.32											5.16		
Hayden	Yampa	.50	.16	.01		T.	.01	.01					.13	.34	.25	.14	.02			.07	.07				.07	.29	.09		.10	.26	.38				.05	2.95	
Hermite (near)	Rio Grande		T.	.65											.57					T.															.25	2.81	
Holly	Arkansas		.39		.03			.08		.07					.55	.01	.12			.40	.27	.02				.18								.05		2.19	
Holyoke	Republican					T.	T.	.10		T.					.12	.65	.03	.25		.31	1.13	1.00	.66	.16	.08			.02	.10		.11	.18	.83		5.75		
Idaho Springs	South Platte	T.	.25	.05	T.		.21	.14	.0																												

Daily Temperatures for May, 1935

Stations		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	
Burlington	Maximum	70	58	51	53	64	72	73	62	67	82	75	70	50	47	55	60	56	55	50	45	61	63	59	69	76	79	67	65	71	70	86	
	Minimum	42	37	32	30	30	40	44	42	39	48	49	40	39	35	42	44	43	45	43	38	42	44	38	42	45	50	49	47	48	53		
Canon City	Maximum	63	50	37	47	60	68	70	63	64	75	74	75	54	48	62	62	60	52	55	51	62	71	49	66	79	83	72	58	75	72		
	Minimum	47	37	31	30	33	42	44	45	45	48	50	51	45	40	49	46	40	40	39	38	46	45	42	48	52	50	49	49	56	48		
Cheyenne Wells	Maximum	79	64	55	57	66	74	77	72	73	65	83	79	65	54	51	59	61	60	55	54	64	69	64	63	78	82	82	83	75	70		
	Minimum	39	38	29	28	30	39	41	42	41	47	48	48	39	36	42	44	44	46	37	35	42	44	39	42	46	54	48	47	48	54		
Colorado Springs	Maximum	59	49	42	43	58	65	67	57	57	71	70	66	60	44	59	57	55	48	46	46	58	63	57	61	70	79	66	61	67	64		
	Minimum	40	32	30	24	29	36	41	38	40	36	44	45	41	36	37	44	42	35	38	32	36	38	40	38	41	44	48	44	46	50		
Denver	Maximum	58	46	37	49	61	64	65	51	65	76	68	55	46	48	61	70	64	50	41	44	57	63	61	67	72	74	70	49	67	63		
	Minimum	35	34	30	31	34	42	43	36	42	50	47	45	40	40	41	44	45	38	35	35	40	44	47	50	45	46	41	42	48	50		
Durango	Maximum	54	46	37	42	58	56	68	58	62	69	64	54	59	54	61	50	54	54	48	46	64	63	70	77	72	69	70	69	74	70		
	Minimum	31	25	32	30	34	30	31	35	36	32	39	42	38	32	39	40	36	36	36	36	37	34	36	37	37	38	41	44	40	36		
Fort Morgan	Maximum	65	55	46	52	65	65	68	50	65	80	72	54	48	47	60	68	60	48	43	50	60	60	60	50	60	72	70	73	58	66		
	Minimum	39	37	28	31	29	42	39	37	38	40	48	48	38	35	37	40	48	48	38	34	36	42	40	40	44	40	49	42	42	48		
Fraser	Maximum	41	37	41	46	51	49	44	51	57	59	54	57	49	48	57	59	52	44	43	45	50	58	60	54	58	62	64	60	64	59		
	Minimum	24	22	21	22	11	26	18	28	19	21	23	30	32	28	25	32	31	28	25	22	23	31	30	28	27	29	29	31	34	27		
Garnett	Maximum	57	53	35	43	54	60	66	65	65	70	69	63	63	59	58	61	62	59	58	45	67	68	69	74	75	74	72	70	71	72		
	Minimum	19	15	21	11	16	16	23	24	20	22	29	32	34	36	32	27	27	29	31	28	25	31	36	30	36	37	35	29	35	36		
Glenwood Springs	Maximum	50	55	60	57	65	58	59	64	69	64	63	62	56	65	66	64	64	55	58	67	71	75	70	72	73	70	64	67	72	61		
	Minimum	32	34	36	37	28	37	35	40	35	41	47	44	48	39	34	40	41	43	39	41	34	40	42	47	46	42	44	43	36	42		
Grand Junction	Maximum	55	55	60	62	70	69	74	74	77	68	74	65	59	70	73	69	56	60	65	74	80	83	82	82	83	80	78	73	76	67		
	Minimum	34	37	40	42	35	49	52	43	54	51	53	50	44	43	53	51	48	46	44	41	48	52	60	58	66	57	50	44	56	51		
Greeley	Maximum	65	54	49	56	69	66	68	51	71	78	73	55	45	49	60	72	65	45	44	48	59	61	50	66	77	75	73	54	70	67		
	Minimum	38	36	30	31	27	30	35	34	37	38	38	44	37	35	36	39	44	42	35	34	36	40	38	38	44	44	49	39	41	47		
Gunnison	Maximum	56	54	45	50	59	58	61	69	67	70	66	65	57	56	63	64	57	47	56	54	62	67	73	71	73	74	71	67	71	66		
	Minimum	26	21	27	20	20	32	30	36	26	27	40	39	35	33	29	35	36	25	32	32	28	27	29	41	34	30	31	35	31	36		
Holly	Maximum	80	68	59	49	70	80	80	76	72	92	88	80	49	54	58	65	62	62	58	63	73	55	67	78	86	83	65	71	72	88		
	Minimum	43	41	29	32	36	37	47	49	46	52	48	46	43	39	45	47	46	49	45	41	47	47	43	49	50	53	55	53	56	57		
Julesburg	Maximum	64	55	42	63	54	70	68	78	65	80	74	63	50	45	67	60	50	50	47	43	62	65	58	65	79	74	70	57	68	66		
	Minimum	44	32	32	32	30	38	40	40	40	47	49	47	38	35	41	44	43	44	43	43	42	41	33	44	49	53	45	48	49	53		
Las Animas	Maximum	45	50	53	54	62	57	62	65	66	67	60	60	60	59	62	67	65	64	52	57	64	69	75	72	74	76	67	61	65	72		
	Minimum	30	33	37	26	21	35	32	33	22	41	35	40	40	36	32	38	40	41	37	35	29	38	36	46	43	39	47	41	36	45		
Leadville	Maximum	41	41	34	42	47	45	45	50	56	55	53	52	49	47	52	53	48	45	48	46	52	50	59	59	62	64	55	58	60	51		
	Minimum	18	15	16	15	14	23	19	21	26	31	32	28	23	24	28	30	24	22	26	21	25	29	31	31	29	30	27	28	31	29		
Long Branch	Maximum	72	55	49	50	65	70	72	57	62	80	77	66	61	54	54	64	52	52	45	48	60	68	52	60	74	80	79	58	73	64		
	Minimum	36	36	29	27	26	38	37	41	41	40	44	47	40	35	41	44	44	41	35	34	38	40	39	39	44	48	49	46	47	52		
Montrose	Maximum	58	57	57	56	66	67	73	70	75	78	74	73	65	56	69	72	73	50	57	57	70	78	80	82	83	83	80	78	82	81		
	Minimum	34	32	37	36	29	38	38	45	38	41	41	41	51	46	41	35	44	45	42	39	40	33	41	46	47	41	49	48	46	51		
Paonia	Maximum	65	54	44	48	61	71	73	67	66	80	77	78	53	52	64	64	63	51	53	59	61	70	62	65	78	84	70	60	74	83		
	Minimum	48	38	33	32	33	44	48	47	46	43	51	33	45	39	46	48	46	43	41	45	42	45	44	48	51	55	52	52	58	56		
Pueblo	Maximum	45	45	42	44	58	51	55	58	65	66	59	60	55	58	61	67	62	55	50	47	63	65	71	70	68	74	69	62	62	72		
	Minimum	30	32	34	28	20	31	26	35	23	38	33	36	33	32	27	29	39	37	35	33	27	31	33	42	41	34	41	38	34	36		
Steamboat Springs	Maximum	65	55	49	57	71	71	71	58	69	81	75	57	47	47	60	66	55	50	49	48	62	63	60	69	82	78	68	56	68	71		
	Minimum	40	35	27	30	28	44	35	39	34	40	45	46	37	35	37	43	47	44	42	36	36	40	39	43	48	47	52	42	47	52		
Sterling	Maximum	69	65	48	35	48	59	70	73	65	76	77	79	76	59	58	59	60	58	57	50	60	61	68	76	80	76	71	66	70	65		
	Minimum	44	34	31	28	32	36	39	40	43	49	50	47	43	41	40	44	43	44	39	35	37	39	45	46	47	48	49	45	47	49		
Trinidad	Maximum	63	54	43	58	64	64	63	69	84	72	58	51	45	55	54	55	54	49	47	57	56	56	59	77	78	68	56	65	71	60		
	Minimum	42	35	31	29	39	37	43	37	35	58	44	43	35	34	39	40	41	39	41	37	41	39	36	42	42	43	49	44	46	50		
Wray	Maximum	64	55	42	63	54	70	68	78	65	80	74	63	50	45	67	60	50	50	47	43	62	65	58	65	79	74	70	57	68	66		
	Minimum	44	32	32	32	30	38	40	40	40	47	49	47	38	35	41	44	43	44	43	43	42	41	33	44	49	53	45	48	49	53		
Las Animas	Maximum	45	50	53	54	62	57	62	65	66	67	60	60	60	59	62	67	65	64	52	57	64	69	75	72	74	76	67	61	65	72		
	Minimum	30	33	37	26	21	35	32	33	22	41	35	40	40	36	32																	

SEVERE DUST STORMS IN COLORADO DURING MAY, 1935

Light to moderate dust occurred generally over eastern counties on the 1st. On the 8th, a dust pall began moving in from the southeast across Baca and Prowers counties, and on the 10th and 11th the coppery-hued silt was observed at high altitudes as far in the interior of the State as north-central elevated sections. During the early afternoon of the 30th, southwesterly winds bore dust across the Utah-Colorado border into the

Dolores and lower Gunnison River valleys. The only storms of consequence were in extreme eastern counties on the 31st, when heavy dust occurred along the Colorado-Kansas border, reducing the visibility to from 100 to 900 feet in Baca and Prowers counties. On the whole, these storms were of much less intensity than those of March and April and were not attended by serious damage or discomfort.

FLOODS IN COLORADO DURING MAY, 1935

During the closing days of the month, excessively heavy rains occurred over the northern two-thirds of the eastern slope of Colorado. On the 26th, a large volume of water surged down Pawnee Creek, drowning 3 persons. On the 27th, a part of the dam at Terry Lake near Longmont went out, flooding the low-lying farm lands and a section of the city of Longmont.

On the 30th, excessive local downpours occurred in the vicinity of Colorado Springs and along the northern slope of the Arkansas-Platte Divide. Flood waters along the Fountain River in the vicinity of Pueblo caused an estimated damage to property of \$165,150. Four lives were lost and a total estimated property damage of \$1,800,000 occurred along Monument Creek and Fountain Creek in Colorado Springs and vicinity, when those streams rose suddenly as a result of the excessive precipitation.

During and after the occurrence of the excessive local rains along the northern slope of the Arkansas-Platte Divide, Kiowa, Bijou, Badger, Beaver, and Comanche creeks quickly overflowed their banks and sent enormous volumes of water toward the South Platte River at Fort Morgan and Brush. At the height of the flood, skies over extreme eastern counties were a chocolate-

brown. This was due to a most unusual situation. Along the Colorado-Kansas border there was a heavy dust storm. Clouds of dust could be seen for miles, while to the west torrents of flood waters roared and at Bovina, hailstones, some as large as baseballs, were reported to have fallen. The coppery-hued sky cast a brown shadow, giving the scene a weird appearance. At the same time, Cherry Creek, where it flows through Denver, reached a bankful stage, and ordinary streamlets and arroyos in this section of the State soon became raging torrents. A phenomenal 2-hour rainfall of 9.00 inches was reported to have occurred at Seibert during the late afternoon of the 30th by the Cooperative Observer at Stratton. As the month closed, the combined floods in the small streams north of the Arkansas-Platte Divide were leaving the northeast corner of the State at Sterling and Julesburg.

The total loss of life in the State as a result of the floods was 19, while two other persons were unaccounted for. The counties where deaths occurred and the number of deaths were as follows: Adams, 2; Elbert, 6; El Paso, 4; Morgan, 4; and Logan, 3. The total property damage was estimated at from 8 to 10 million dollars.—H. F. C.