
ANNUAL METEOROLOGICAL SUMMARY

WITH COMPARATIVE DATA

1937

ROCK SPRINGS, WYOMING

COMPILED BY
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CHEYENNE, WYOMING
1938

SUMMARY FOR THE YEAR, 1937-- ROCK SPRINGS, WYOMING.

MONTH	TEMPERATURE						PRECIPITATION					Relative Humidity Per cent			Sunshine (Percentage of Possible)	WIND *					NUMBER OF DAYS											
	Average Maximum	Average Minimum	Average Monthly	Departure	Highest	Lowest	Total	Departure	Greatest in 24 hours	Date	Snowfall	6 a. m.	Noon	6 p. m.		Average hourly velocity	Prevailing direction	Highest Velocity	Direction	Date	Winds 22 miles per hour or more*	Clear	Partly-Cloudy	Cloudy	Precipitation (.01 inch or more)	Snow	Thunderstorms	Fog Dense	Max. temperature 32° or below	Max. temperature 90° or above	Min. temperature 32° or below	Min. temperature Zero or below
January.....	18	-5	6.5	-10.9	33	-24	0.65	+0.36	0.16	6-7	19.7	84	...	75	...	12.0	W	...	...	...	7	9	15	13	22	0	0	30	0	31	20
February.....	31	7	19.0	-2.0	43	-15	1.31	+0.51	0.61	6-7	13.1	81	...	70	...	15.0	W	...	...	...	5	7	13	15	15	1	0	14	0	28	8
March.....	41	18	29.4	-0.2	54	8	0.83	+0.23	0.39	23	9.2	87	...	62	...	11.6	NE	...	...	...	6	4	19	9	13	1	1	4	0	31	0
April.....	51	26	38.2	+3.9	73	15	1.22	-0.33	0.44	16-17	11.2	82	...	44	...	13.4	W	...	...	...	5	6	19	12	14	1	0	0	0	27	0
May.....	60	37	53.3	+5.6	82	28	0.98	-0.62	0.61	30-31	7	67	...	30	...	11.6	W	...	...	...	5	12	14	9	1	12	0	0	0	5	0
June.....	74	44	58.9	+2.2	92	31	1.90	+1.56	0.69	3-4	3.7	80	...	32	...	10.0	W	...	...	...	4	12	14	9	3	11	0	0	2	3	0
July.....	84	53	68.2	+4.0	94	47	3.71	+3.36	2.80	11-12	0.0	77	...	35	...	8.4	W	...	...	...	8	14	14	12	0	14	0	0	0	0	0
August.....	85	49	66.8	+3.4	92	38	0.57	+0.36	0.41	28-29	0.0	65	...	26	...	9.3	W	...	...	...	14	11	6	7	0	0	0	0	2	0	0
September.....	76	41	58.6	+3.8	85	18	0.22	+0.18	0.16	3-9	0.0	67	...	25	...	9.1	W	...	...	...	12	13	5	5	6	0	0	0	0	2	0
October.....	62	31	46.4	+1.9	74	21	0.70	+0.26	0.43	17-18	7	77	...	33	...	9.9	W	...	...	...	17	9	5	5	0	2	0	0	0	21	0
November.....	41	20	32.0	+3.2	59	4	1.16	+0.44	0.75	21	4.5	81	...	38	...	10.8	W	...	...	...	7	11	12	8	11	0	2	3	0	29	0
December.....	34	13	23.2	+5.0	44	-4	0.69	+0.41	0.31	12-13	6.5	86	...	76	...	10.3	W	...	...	...	3	12	16	9	13	0	2	14	0	31	4
Year	55.7	27.8	41.7	+1.3	91 July 4	-24 Jan. 8	13.94	+6.89	2.80	July 11-12	58.9	78	...	48	...	11.0	N	98	120	147	110	92	57	5	65	11	208	32
Normals or extremes.....	54.4	26.5	40.4	...	98 July 27	-33 ** 1932	7.05	...	2.80	July 11-12 1937	W
** Dec. 11 1935 I Also other dates. *3 Cup anemometer, corrected to true velocity. W.B.O., Cheyenne 5-18-35 500.																																

** Dec. 11

] 1935

† Also other dates.

*3 Cup anemometer, corrected to true velocity.

WBO., Cheyenne 5-18-35 500.

COMPARATIVE DATA AND EXTREMES

Month	Temperature						Precipitation						Relative humidity per cent		Sunshine	Wind (True velocity)				Average number of days															
	Average daily maximum	Average daily minimum	Average	Absolute highest	Year	Absolute lowest	Year	Average total	Greatest in 24 hours	Year	Average snowfall	Greatest snowfall in 24 hours	Year	6 a. m.	Noon—local time	6 p. m.	Total hours	Per cent	Average hourly velocity	Prevailing direction	Highest velocity	Direction highest velocity	Year	Clear	Partly cloudy	Cloudy	Rain .01 or more	Snow (trace or more)	Thunderstorms	Dense fog	Max. temp. 90° or above	Max. temp. 32° or below	Minimum temp. 32° or below	Minimum temp. 0° or below	
L'gth of record years	6	6	6	6	6	6	6	6	5	5	5	....	....	1	..	1	....	....	6	6	....	....	....	5	5	5	5	5	5	5	6	6	6	6	
Jan.....	29.6	6.2	17.9	52	1935	-24	1937	0.49	0.27	1936	5.8	....	....	84	..	75	....	....	13.1	W	....	....	....	5	5	5	5	5	5	5	6	6	6	6	
Feb.....	34.5	11.6	23.0	56	1934	-25	1933	1.11	0.61	1937	11.8	....	....	81	..	70	....	....	14.5	W	....	....	....	6	12	13	9	17	0	1	1	0	18	31	10
March....	43.0	20.2	31.6	65	1933	-9	1932	0.79	0.58	1936	8.7	....	....	87	..	62	....	....	15.9	W	....	....	....	6	9	13	9	15	1	1	0	9	28	5	
April.....	53.6	27.6	40.6	76	1931	-5	1936	1.42	0.81	1935	10.5	....	....	82	..	44	....	....	13.0	W	....	....	....	6	8	17	8	12	3	0	0	4	2	28	1
May.....	66.5	36.4	51.4	86	1936	21	1933	0.76	0.86	1936	0.3	....	....	67	..	36	....	....	11.3	W	....	....	....	6	9	15	9	11	3	0	0	0	0	21	1
June.....	77.6	44.8	61.2	93	1936	29	1931	0.59	0.69	1937	0.7	....	....	80	..	32	....	....	11.0	W	....	....	....	8	9	14	8	4	4	0	0	0	0	6	0
July.....	85.8	51.8	68.8	98	1935	34	1932	1.25	2.80	1937	0	....	....	77	..	35	....	....	9.4	NW	....	....	....	9	13	8	6	1	7	0	2	0	0	0	0
August....	84.6	49.0	66.2	93	1935	31	1933	0.54	0.49	1936	0	....	....	65	..	26	....	....	9.5	N	....	....	....	11	13	7	5	0	0	0	0	0	0	0	0
Sept.....	73.8	39.1	56.4	87	1933	16	1935	0.33	0.35	1936	0.2	....	....	67	..	25	....	....	10.2	W	....	....	....	14	12	5	6	0	8	0	4	0	0	0	0
October....	60.7	29.2	44.9	77	1934	3	1935	0.68	0.65	1934	1.0	....	....	77	..	38	....	....	10.9	W	....	....	....	15	10	5	4	1	3	0	0	0	0	0	0
Novem....	45.8	19.1	32.4	64	1931	-2	1935	0.61	0.75	1937	5.7	....	....	81	..	58	....	....	11.3	W	....	....	....	14	11	6	5	3	1	0	0	1	2	0	0
Decem....	33.4	10.5	21.9	55	1933	-33	1932	0.44	0.31	1937	4.2	....	....	86	..	76	....	....	12.4	NE	....	....	....	10	9	11	6	9	0	1	0	3	29	1	
Annual...	57.4	28.8	43.0	98	1935	-33	1932	9.01	2.80	1937	49.0	....	....	78	..	48	....	....	11.9	W	....	....	....	111	124	130	86	86	37	4	15	50	204	23	

† Also other dates

* Less than one day

MONTHLY AND ANNUAL PRECIPITATION.

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1932....	.....	.....	.....	1.37	0.54	0.13	0.63	0.70	0.01	0.55	0.13	0.55	4.61
1933....	0.42	0.91	0.68	1.52	0.82	0.61	0.45	0.50	0.87	1.03	0.20	0.30	7.23
1934....	0.25	0.81	0.32	0.97	0.06	0.33	0.37	0.09	0.28	1.03	1.34	0.34	6.19
1935....	0.19	0.68	0.80	2.18	2.11	0.08	0.24	0.23	0.05	0.28	0.61	0.20	7.65
1936....	0.93	1.86	1.34	1.24	0.06	0.49	2.12	1.14	0.54	1.49	0.22	0.53	11.96
1937....	0.65	1.31	0.83	1.22	0.98	1.00	5.71	0.57	0.22	0.70	1.16	0.69	13.94
Mean	0.49	1.11	0.79	1.42	0.76	0.59	1.25	0.54	0.33	0.68	0.61	0.44	9.01

MONTHLY AND ANNUAL TEMPERATURE.

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1932....	12.0	21.0	26.6	39.1	50.2	58.2	66.4	64.4	57.0	40.5	34.0	8.8	39.9
1933....	20.6	15.2	32.4	37.5	46.1	64.6	70.0	64.0	57.4	48.8	36.0	31.7	43.7
1934....	24.7	31.4	39.8	46.8	57.4	59.9	68.7	67.5	54.1	47.1	33.2	21.8	46.0
1935....	24.2	27.5	30.7	40.0	46.7	61.5	69.2	67.0	57.0	43.1	28.6	22.4	43.2
1936....	19.4	24.0	30.5	41.8	55.0	64.2	70.3	67.8	54.4	43.6	30.5	23.7	43.8
1937....	8.5	19.0	29.4	38.2	54.3	58.8	68.2	66.8	58.6	46.4	32.0	23.2	41.7
Mean	17.9	23.0	31.6	40.6	51.4	61.2	68.8	66.2	58.4	44.9	32.4	21.9	43.0