

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 10020 ft. Lat: 39.6553° N Lon: 105.7089° W
Station: CABIN CREEK, CO US USC00051186

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	31.8	12.0	21.9	2.4	3.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	1026.1	1088.1	1181.1	1336.1	0.0	0.0	0.6	15.3	30.9	6.2
02	31.5	11.5	21.5	3.0	3.5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	937.9	993.9	1077.9	1217.9	0.0	0.0	0.5	13.6	27.8	4.4
03	37.9	16.9	27.4	3.1	3.1	2.9	0.0	0.0	0.0	0.0	0.0	0.0	855.6	917.6	1010.6	1165.6	0.0	0.0	3.9	7.9	30.3	2.3
04	42.8	22.8	32.8	3.4	3.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0	665.9	725.9	815.9	965.9	0.0	0.0	9.0	4.4	28.1	0.6
05	52.6	31.3	41.9	3.4	2.0	2.6	2.2	0.8	0.1	0.0	0.0	0.0	406.8	467.3	559.7	714.6	0.0	0.0	20.9	0.9	19.6	0.0
06	64.2	40.1	52.2	3.6	2.2	2.8	37.8	19.7	5.8	0.2	0.0	0.0	123.3	165.2	241.3	385.7	0.0	0.0	28.7	0.0	5.3	0.0
07	69.3	45.5	57.4	2.2	1.4	1.7	100.4	59.5	17.9	0.4	0.0	0.0	26.1	47.1	98.6	236.0	0.0	0.0	31.0	0.0	0.7	0.0
08	67.1	44.0	55.6	2.0	1.6	1.6	60.4	30.2	6.5	0.0	0.0	0.0	43.4	75.2	144.5	293.0	0.0	0.0	30.8	0.0	0.6	0.0
09	61.2	37.6	49.4	2.8	2.4	2.5	11.5	4.0	0.4	0.0	0.0	0.0	179.6	232.1	318.4	468.0	0.0	0.0	27.9	0.2	8.2	0.0
10	49.8	28.5	39.2	3.1	2.6	2.7	0.1	0.0	0.0	0.0	0.0	0.0	491.4	553.4	646.4	801.4	0.0	0.0	18.4	1.7	22.7	0.4
11	39.2	18.6	28.9	4.5	4.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	783.0	843.0	933.0	1083.0	0.0	0.0	5.6	7.4	28.6	2.0
12	31.9	12.2	22.0	2.5	2.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0	1021.3	1083.3	1176.3	1331.3	0.0	0.0	0.6	14.4	30.9	5.3
Summary	48.3	26.8	37.5	3.0	2.6	2.7	212	114	31	1	0	0	6560	7192	8204	9998	0.0	0.0	177.9	65.8	233.7	21.2

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Precipitation (in.)									
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount			
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels			
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75	
01	0.99	7.7	3.8	0.5	0.1	0.39	0.74	1.24	
02	1.23	8.6	4.4	0.3	0.0	0.91	1.11	1.62	
03	2.04	9.0	5.7	1.1	0.2	1.44	1.92	2.36	
04	2.79	10.4	7.1	1.7	0.6	1.60	2.77	4.08	
05	2.15	9.0	5.6	1.4	0.2	1.37	1.92	2.69	
06	1.55	8.1	4.4	0.8	0.1	0.69	1.37	2.43	
07	2.77	13.2	7.9	1.2	0.1	1.92	2.80	3.50	
08	2.63	14.3	8.2	1.1	0.1	1.70	2.60	3.51	
09	1.63	9.3	4.6	0.8	0.1	0.96	1.31	1.87	
10	1.40	7.4	4.0	0.5	0.1	0.74	1.33	1.96	
11	1.31	7.1	4.0	0.8	0.1	0.86	1.21	1.77	
12	1.16	7.8	4.1	0.4	0.1	0.59	1.08	1.55	
Summary	21.65	111.9	63.8	10.6	1.8	13.17	20.16	28.58	

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	15.90	7.8	5.6	1.8	0.7	0.2	30.3	29.7	29.2	19.7	7.10	13.10	20.20
02	19.30	8.9	6.2	2.3	0.8	0.1	26.9	26.6	25.4	20.1	13.10	19.50	23.40
03	24.90	8.9	6.8	3.4	1.7	0.3	25.4	22.1	18.3	10.4	18.70	21.80	32.70
04	28.40	9.6	7.0	3.2	2.0	0.9	15.1	10.1	7.4	2.8	16.10	23.80	37.10
05	11.90	3.8	2.9	1.6	0.8	0.2	3.1	1.5	0.9	0.2	2.20	7.50	20.20
06	0.30	0.3	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.30
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	2.10	0.6	0.4	0.3	0.2	0.0	0.2	0.1	0.0	0.0	0.00	0.00	1.00
10	10.40	4.8	3.2	1.3	0.6	0.1	4.0	2.0	1.1	0.3	4.70	6.00	15.90
11	20.10	6.6	4.7	2.1	1.2	0.1	17.0	12.8	6.8	1.1	11.70	17.70	28.00
12	20.30	7.6	5.5	2.3	1.1	0.2	27.1	24.9	20.2	10.5	10.60	17.50	26.10
Summary	153.7	58.9	42.5	18.3	9.1	2.1	149.2	129.8	109.3	65.1	84.2	126.9	204.9

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0.3	0.4	5.1	24.4	133.7	368.7	539.3	482.3	294.3	90.8	12.5	0.4
45	0.0	0.0	0.5	4.4	53.4	230.8	384.9	328.5	164.3	29.7	1.7	0.0
50	0.0	0.0	0.0	0.4	14.5	114.9	234.0	179.7	63.3	4.7	0.1	0.0
55	0.0	0.0	0.0	0.0	2.2	37.8	100.4	60.4	11.5	0.1	0.0	0.0
60	0.0	0.0	0.0	0.0	0.1	5.8	17.9	6.5	0.4	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.5	0.2	4.0	16.6	84.2	217.7	303.3	267.2	175.9	60.6	8.6	0.4

Growing Degree Units (Accumulated Monthly)												
40	0	1	6	30	164	533	1072	1554	1848	1939	1952	1952
45	0	0	0	5	58	289	674	1002	1167	1196	1198	1198
50	0	0	0	0	15	130	364	544	607	612	612	612
55	0	0	0	0	2	40	140	201	212	212	212	212
60	0	0	0	0	0	6	24	30	31	31	31	31
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	5	21	106	323	626	894	1070	1130	1139	1139

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
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