

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 9285 ft. Lat: 37.8089° N Lon: 107.6633° W

Station: SILVERTON, CO US USC00057656

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	34.4	-5.9	14.3	3.5	3.1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	1263.2	1325.2	1418.2	1573.2	0.0	0.0	0.6	12.2	31.0	21.6
02	36.3	-2.8	16.7	3.3	4.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	1071.0	1127.0	1211.0	1351.0	0.0	0.0	2.0	8.9	28.0	15.2
03	42.7	6.1	24.4	2.7	2.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	948.6	1010.6	1103.6	1258.6	0.0	0.0	6.9	3.6	31.0	7.2
04	48.2	17.0	32.6	3.0	3.2	2.9	0.0	0.0	0.0	0.0	0.0	0.0	671.9	731.9	821.9	971.9	0.0	0.0	14.3	1.6	29.7	0.8
05	58.4	25.4	41.9	3.7	1.6	2.4	0.4	0.1	0.0	0.0	0.0	0.0	406.5	468.2	561.1	716.1	0.0	0.0	25.7	0.1	26.7	0.0
06	70.0	31.0	50.5	3.8	1.6	2.4	10.9	3.5	0.3	0.0	0.0	0.0	145.9	198.5	285.4	435.0	0.0	0.0	29.6	0.0	13.8	0.0
07	74.7	38.3	56.5	2.2	2.3	1.8	68.8	32.9	5.6	0.0	0.0	0.0	22.4	48.5	114.2	263.6	0.0	0.0	31.0	0.0	1.5	0.0
08	71.9	37.0	54.4	2.4	1.9	1.6	34.2	12.7	1.5	0.0	0.0	0.0	51.3	91.8	173.6	327.1	0.0	0.0	31.0	0.0	2.5	0.0
09	65.6	29.7	47.7	2.4	1.9	1.8	1.8	0.3	0.0	0.0	0.0	0.0	222.3	280.8	370.6	520.5	0.0	0.0	29.0	0.0	17.7	0.0
10	55.0	20.1	37.6	3.6	2.9	2.4	0.0	0.0	0.0	0.0	0.0	0.0	541.0	603.0	696.0	851.0	0.0	0.0	22.5	0.8	29.0	0.2
11	43.0	7.0	25.0	4.3	4.1	3.9	0.0	0.0	0.0	0.0	0.0	0.0	900.0	960.0	1050.0	1200.0	0.0	0.0	9.1	4.5	29.8	6.8
12	33.5	-4.6	14.4	3.1	3.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0	1256.9	1318.9	1411.9	1566.9	0.0	0.0	0.7	13.2	31.0	19.5
Summary	52.8	16.5	34.7	3.2	2.8	2.6	116	50	7	0	0	0	7501	8164	9218	11035	0.0	0.0	202.4	44.9	271.7	71.3

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	2.04	9.2	6.0	0.7	0.2	1.06	1.50	2.38	
02	2.10	10.1	5.8	1.1	0.3	1.36	1.84	2.73	
03	2.05	9.5	5.8	1.2	0.2	1.20	1.41	2.35	
04	1.74	9.2	5.3	0.9	0.0	1.05	1.37	2.09	
05	1.68	9.5	4.8	0.5	0.1	0.70	1.41	2.46	
06	0.93	6.0	2.7	0.4	0.0	0.30	0.75	1.54	
07	2.38	13.1	7.2	1.1	0.2	1.61	2.33	2.80	
08	2.83	15.5	8.6	1.4	0.1	1.87	2.65	3.86	
09	2.75	10.9	6.8	1.5	0.3	1.35	2.68	3.38	
10	2.13	9.1	5.7	1.0	0.1	0.78	1.86	3.15	
11	1.66	7.9	4.9	0.8	0.1	1.15	1.56	2.29	
12	1.63	8.5	5.2	0.8	0.1	0.89	1.45	1.95	
Summary	23.92	118.5	68.8	11.4	1.7	13.32	20.81	30.98	

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	30.80	10.4	7.4	3.8	2.1	0.6					19.40	25.90	36.90
02	28.50	10.5	7.9	3.3	1.8	0.5					18.20	24.90	35.50
03	29.40	10.6	7.4	3.6	2.0	0.5					16.80	21.80	33.60
04	18.20	9.2	5.9	2.3	0.8	0.0					11.20	15.40	22.70
05	8.20	4.0	2.3	0.9	0.5	0.1					0.90	5.80	13.70
06	0.40	0.4	0.2	0.0	0.0	0.0					0.00	0.00	0.50
07	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
09	0.50	0.5	0.3	0.1	0.0	0.0					0.00	0.00	0.30
10	7.70	4.2	2.6	1.1	0.3	0.0					1.00	4.80	13.20
11	21.50	7.8	6.1	2.9	1.5	0.2					15.70	19.90	27.60
12	27.40	9.9	7.0	3.5	1.6	0.2					17.40	24.60	31.90
Summary	172.6	67.5	47.1	21.5	10.6	2.1	0.0	0.0	0.0	0.0	100.6	143.1	215.9

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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	0.0	0.0	0.2	11.8	112.4	316.7	511.3	447.9	237.5	45.6	0.8	0.0
45	0.0	0.0	0.0	1.2	32.0	177.8	356.6	293.4	109.5	7.2	0.0	0.0
50	0.0	0.0	0.0	0.0	5.3	66.2	203.3	145.7	25.6	0.4	0.0	0.0
55	0.0	0.0	0.0	0.0	0.4	10.9	68.8	34.2	1.8	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.0	0.3	5.6	1.5	0.0	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.4	1.5	11.6	41.4	148.4	300.7	382.8	339.5	236.0	110.3	23.9	0.6

Growing Degree Units (Accumulated Monthly)												
40	0	0	0	12	124	441	952	1400	1638	1683	1684	1684
45	0	0	0	1	33	211	568	861	970	978	978	978
50	0	0	0	0	5	72	275	420	446	446	446	446
55	0	0	0	0	0	11	80	114	116	116	116	116
60	0	0	0	0	0	0	6	7	7	7	7	7
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	2	14	55	203	504	887	1226	1462	1573	1596	1597

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