

Summary of Monthly Normals 1991-2020

Generated on 06/14/2026

Current Location: Elev: 8304 ft. Lat: 39.6394° N Lon: 106.3539° W

Station: **VAIL, CO US USC00058575**

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	28.5	6.6	17.5	2.3	3.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	1160.9	1222.9	1315.9	1470.9	0.0	0.0	0.0	21.3	31.0	8.1
02	33.0	9.2	21.1	2.9	4.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	949.1	1005.1	1089.1	1229.1	0.0	0.0	0.3	12.7	27.9	5.2
03	41.7	16.7	29.2	2.8	3.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	799.8	861.8	954.8	1109.8	0.0	0.0	7.2	4.5	30.9	1.5
04	49.4	23.8	36.6	4.3	2.2	3.0	0.0	0.0	0.0	0.0	0.0	0.0	552.0	612.0	702.0	852.0	0.0	0.0	15.9	1.4	28.0	0.2
05	60.4	31.0	45.7	3.6	1.3	2.2	3.3	1.1	0.1	0.0	0.0	0.0	291.7	351.4	443.4	598.3	0.0	0.0	26.5	0.1	20.5	0.0
06	71.4	35.6	53.5	3.1	1.3	2.0	37.1	17.4	3.6	0.1	0.0	0.0	82.2	122.4	198.7	345.2	0.0	0.0	29.7	0.0	7.1	0.0
07	76.7	41.6	59.2	3.0	2.0	2.1	138.4	88.4	33.8	1.7	0.0	0.0	9.9	21.8	60.3	183.1	0.0	0.0	31.0	0.0	0.7	0.0
08	74.0	40.8	57.4	2.7	1.7	1.9	95.7	54.8	17.9	0.9	0.0	0.0	21.4	42.4	98.6	236.5	0.0	0.0	31.0	0.0	0.4	0.0
09	66.6	34.0	50.3	2.5	1.7	1.8	12.7	4.9	0.5	0.0	0.0	0.0	153.7	205.9	291.5	441.0	0.0	0.0	29.3	0.0	12.3	0.0
10	54.1	25.2	39.7	3.1	2.4	2.3	0.1	0.0	0.0	0.0	0.0	0.0	476.0	537.9	630.9	785.9	0.0	0.0	22.5	1.0	27.8	0.1
11	37.7	15.1	26.4	4.3	3.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	858.0	918.0	1008.0	1158.0	0.0	0.0	4.1	9.0	29.9	2.3
12	28.0	7.1	17.6	2.1	2.3	2.0	0.0	0.0	0.0	0.0	0.0	0.0	1160.9	1222.9	1315.9	1470.9	0.0	0.0	0.0	21.6	31.0	7.8
Summary	51.8	23.9	37.9	3.1	2.4	2.4	287	167	56	3	0	0	6516	7124	8109	9881	0.0	0.0	197.5	71.6	247.5	25.2

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	1.98	12.1	7.4	0.6	0.0	1.43	1.82	2.58	
02	2.01	11.5	7.1	0.8	0.0	1.25	1.80	2.57	
03	1.76	9.7	6.4	0.6	0.1	1.36	1.56	2.05	
04	2.41	9.4	6.5	1.0	0.2	1.75	2.44	2.91	
05	2.00	9.2	6.1	0.8	0.2	1.14	1.83	2.76	
06	1.24	6.9	4.4	0.8	0.0	0.75	1.16	1.75	
07	1.77	10.0	6.2	0.6	0.0	1.10	1.85	2.38	
08	1.75	11.0	6.6	0.7	0.0	1.21	1.78	2.31	
09	1.96	9.1	5.7	1.1	0.2	1.35	1.90	2.50	
10	1.83	7.2	5.3	0.9	0.1	1.21	1.85	2.33	
11	2.00	9.5	6.1	0.6	0.0	1.36	1.98	2.66	
12	1.73	10.9	6.1	0.5	0.0	1.03	1.41	2.14	
Summary	22.44	116.5	73.9	9.0	0.8	14.94	21.38	28.94	

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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	35.30	12.0	10.3	4.7	2.0	0.5					25.60	30.60	37.70
02	35.70	11.7	9.9	5.1	2.3	0.5					21.80	29.20	51.40
03	28.20	9.2	8.2	3.6	1.3	0.3					19.00	26.50	36.20
04	21.20	7.9	6.6	3.0	1.5	0.3					10.70	20.00	30.70
05	4.80	2.4	1.8	0.7	0.2	0.0					0.80	2.70	6.50
06	0.60	0.3	0.2	0.0	0.0	0.0					0.00	0.00	0.00
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	0.90	0.6	0.5	0.1	0.0	0.0					0.00	0.00	0.00
10	8.60	3.5	3.1	1.4	0.3	0.0					4.00	8.60	14.10
11	25.90	8.9	7.8	3.0	1.7	0.3					16.00	29.00	33.10
12	28.00	10.7	8.9	4.0	1.7	0.3					17.50	23.80	34.50
Summary	189.2	67.2	57.3	25.6	11.0	2.2	0.0	0.0	0.0	0.0	115.4	170.4	244.2

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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	0.2	4.2	42.0	203.5	405.8	593.5	539.3	313.9	84.0	2.8	0.0
45	0.0	0.0	0.2	9.0	93.9	260.6	438.8	384.7	177.6	23.2	0.3	0.0
50	0.0	0.0	0.0	0.9	25.9	130.0	284.8	232.1	68.1	2.6	0.0	0.0
55	0.0	0.0	0.0	0.0	3.3	37.1	138.4	95.7	12.7	0.1	0.0	0.0
60	0.0	0.0	0.0	0.0	0.1	3.6	33.8	17.9	0.5	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.4	9.4	55.5	177.4	320.9	414.3	371.2	252.2	104.0	7.6	0.0

Growing Degree Units (Accumulated Monthly)												
40	0	0	4	46	250	656	1249	1788	2102	2186	2189	2189
45	0	0	0	9	103	364	802	1187	1365	1388	1388	1388
50	0	0	0	1	27	157	442	674	742	744	744	744
55	0	0	0	0	3	40	179	274	287	287	287	287
60	0	0	0	0	0	4	38	55	56	56	56	56
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	10	65	243	564	978	1349	1601	1705	1713	1713

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