

Summary of Monthly Normals
1991-2020

Current Location: Elev: 8175 ft. Lat: 39.1853° N Lon: 106.8381° W
Station: ASPEN 1SW, CO US USC00050372

Generated on 05/20/2024

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	32.0	9.9	20.9	2.7	3.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	1055.5	1117.5	1210.5	1365.5	0.0	0.0	0.8	12.1	31.0	4.5
02	35.3	12.5	23.9	3.1	3.6	3.2	0.0	0.0	0.0	0.0	0.0	0.0	870.8	926.8	1010.8	1150.8	0.0	0.0	2.1	7.1	28.0	2.7
03	42.7	19.8	31.2	2.9	2.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	736.3	798.3	891.3	1046.3	0.0	0.0	10.6	2.4	30.0	0.8
04	49.7	26.6	38.1	3.5	2.2	2.8	0.2	0.0	0.0	0.0	0.0	0.0	505.7	565.5	655.5	805.5	0.0	0.0	18.7	0.6	24.9	0.0
05	60.0	35.0	47.5	3.7	1.8	2.6	13.1	6.2	1.6	0.1	0.0	0.0	245.7	300.7	389.1	542.6	0.0	0.0	27.3	0.1	10.9	0.0
06	70.6	42.2	56.4	3.3	2.0	2.5	95.7	60.8	24.5	1.8	0.0	0.0	53.7	78.9	132.6	259.8	0.0	0.0	29.7	0.0	1.7	0.0
07	75.5	48.1	61.8	2.6	1.6	2.0	215.7	159.2	85.5	12.6	0.1	0.0	4.9	10.5	29.7	111.8	0.0	0.0	31.0	0.0	0.1	0.0
08	73.1	47.1	60.1	2.5	1.3	1.8	167.7	116.2	53.8	5.4	0.0	0.0	9.6	20.1	50.7	157.4	0.0	0.0	31.0	0.0	0.1	0.0
09	66.9	40.0	53.4	2.6	2.0	2.2	49.0	26.3	7.6	0.1	0.0	0.0	95.6	132.8	204.1	346.6	0.0	0.0	29.5	0.0	3.9	0.0
10	55.2	29.8	42.5	3.1	2.6	2.6	1.4	0.3	0.0	0.0	0.0	0.0	388.8	449.7	542.5	697.5	0.0	0.0	24.2	0.7	19.3	0.1
11	41.6	19.4	30.5	4.9	3.2	3.9	0.0	0.0	0.0	0.0	0.0	0.0	735.0	795.0	885.0	1035.0	0.0	0.0	10.5	4.5	28.9	0.7
12	31.9	10.3	21.1	2.5	2.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	1050.8	1112.8	1205.8	1360.8	0.0	0.0	1.1	12.9	31.0	5.5
Summary	52.9	28.4	40.6	3.1	2.4	2.6	543	369	173	20	0	0	5752	6309	7208	8880	0.0	0.0	216.5	40.4	209.8	14.3

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	1.93	12.7	7.0	0.7	0.1	1.19	1.80	2.55
02	2.23	12.7	7.0	0.9	0.1	1.60	2.14	2.54
03	2.59	11.3	7.2	1.3	0.1	1.83	2.37	3.11
04	2.68	13.0	8.0	1.2	0.1	1.80	2.55	3.27
05	2.17	11.0	6.5	1.0	0.1	1.30	2.18	2.62
06	1.06	6.9	3.4	0.4	0.0	0.69	1.11	1.44
07	1.97	11.3	6.4	0.7	0.1	1.38	1.85	2.40
08	1.75	12.5	6.2	0.3	0.0	1.15	1.65	2.01
09	1.89	10.0	6.1	0.8	0.1	1.26	1.95	2.61
10	2.09	9.4	6.0	1.1	0.0	1.44	1.99	2.81
11	2.09	9.9	6.5	1.1	0.1	1.76	2.11	2.52
12	2.00	12.2	7.0	0.8	0.1	1.29	1.82	2.49
Summary	24.45	132.9	77.3	10.3	0.9	16.69	23.52	30.37

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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	28.10	12.0	8.5	3.7	1.3	0.2	31.0	31.0	30.6	29.5	21.50	27.50	34.90
02	28.30	11.6	8.5	3.5	1.7	0.1	28.5	28.5	28.5	28.3	20.90	26.10	34.70
03	26.90	9.5	7.3	3.8	1.6	0.2	30.3	30.2	29.9	28.9	18.00	26.60	33.40
04	20.90	8.4	6.3	3.1	1.1	0.1	18.3	16.1	14.1	11.2	13.40	24.00	27.20
05	7.00	2.5	1.9	1.0	0.4	0.0	3.1	2.0	1.1	0.2	1.20	5.20	12.20
06	0.40	0.2	0.1	0.1	0.0	0.0	0.1	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	0.0	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	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	1.00	0.7	0.3	0.2	0.0	0.0	0.3	0.2	0.1	0.0	0.00	0.00	0.40
10	10.20	4.0	2.8	1.5	0.6	0.1	4.8	3.1	1.6	0.1	4.40	9.00	13.60
11	20.50	8.3	6.8	3.3	1.5	0.2	20.6	18.0	14.0	4.7	13.90	21.90	25.00
12	27.50	11.3	8.2	3.3	1.3	0.3	30.5	29.8	28.8	22.8	17.70	27.40	34.60
Summary	170.8	68.5	50.7	23.5	9.5	1.2	167.5	158.9	148.7	125.7	111.0	167.7	216.0

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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	0.2	0.5	12.9	70.3	256.6	492.8	675.7	623.0	407.4	151.9	21.4	0.4
45	0.0	0.0	1.7	20.6	139.3	346.7	520.7	468.2	267.7	65.3	4.1	0.0
50	0.0	0.0	0.0	3.4	54.2	209.3	366.7	314.5	142.5	17.8	0.3	0.0
55	0.0	0.0	0.0	0.2	13.1	95.7	215.7	167.7	49.0	1.4	0.0	0.0
60	0.0	0.0	0.0	0.0	1.6	24.5	85.5	53.8	7.6	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.3	1.4	14.9	59.3	172.2	311.2	406.6	365.3	255.6	118.9	23.0	1.0

Growing Degree Units (Accumulated Monthly)												
40	0	1	14	84	340	833	1509	2132	2539	2691	2713	2713
45	0	0	2	22	162	508	1029	1497	1765	1830	1834	1834
50	0	0	0	3	58	267	634	948	1091	1108	1109	1109
55	0	0	0	0	13	109	325	492	541	543	543	543
60	0	0	0	0	2	26	112	165	173	173	173	173
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	2	17	76	248	559	966	1331	1587	1706	1729	1730

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