

Summary of Monthly Normals
1991-2020

Current Location: Elev: 7568 ft. Lat: 38.4667° N Lon: 107.1678° W
Station: BLUE MESA LAKE, CO US USC00050797
Generated on 05/23/2024

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	25.5	-1.2	12.2	5.6	5.3	4.9	0.0	0.0	0.0	0.0	0.0	0.0	1328.2	1390.3	1483.3	1638.3	0.0	0.0	0.0	22.1	31.0	18.5
02	30.5	3.4	16.9	5.5	5.6	5.3	0.0	0.0	0.0	0.0	0.0	0.0	1065.2	1121.3	1205.3	1345.3	0.0	0.0	0.1	14.0	27.9	9.9
03	43.5	15.1	29.3	4.4	4.2	4.0	0.0	0.0	0.0	0.0	0.0	0.0	796.8	858.7	951.7	1106.7	0.0	0.0	9.9	3.6	30.8	2.4
04	55.5	24.2	39.8	3.2	1.5	2.1	0.3	0.0	0.0	0.0	0.0	0.0	454.8	514.5	604.5	754.5	0.0	0.0	22.5	0.1	26.9	0.0
05	65.7	31.9	48.8	3.5	1.9	2.2	13.3	6.5	1.7	0.0	0.0	0.0	205.5	260.7	348.9	502.3	0.0	0.0	29.2	0.0	13.6	0.0
06	77.1	38.8	58.0	3.3	1.4	2.1	118.1	77.1	33.4	3.8	0.1	0.0	29.6	48.6	95.0	215.3	0.0	0.5	30.0	0.0	1.7	0.0
07	82.6	46.2	64.4	2.9	2.3	2.4	292.6	231.9	145.9	40.4	3.3	0.6	1.3	2.6	9.6	59.1	0.0	3.4	31.0	0.0	0.0	0.0
08	79.9	45.3	62.6	2.5	1.6	1.6	238.1	179.9	102.5	20.3	0.7	0.0	2.6	6.3	21.9	94.8	0.0	1.0	31.0	0.0	0.0	0.0
09	72.5	37.0	54.7	2.4	1.9	1.8	59.0	32.3	10.3	0.4	0.0	0.0	66.6	99.8	167.8	307.9	0.0	0.0	29.8	0.0	5.1	0.0
10	60.0	26.8	43.4	3.1	2.6	2.3	1.1	0.2	0.0	0.0	0.0	0.0	360.7	421.8	514.6	669.6	0.0	0.0	26.9	0.3	23.2	0.0
11	44.0	15.5	29.8	4.8	3.1	3.5	0.0	0.0	0.0	0.0	0.0	0.0	757.5	817.5	907.5	1057.5	0.0	0.0	10.7	4.2	29.2	0.9
12	28.5	3.4	16.0	4.9	4.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0	1210.4	1272.5	1365.5	1520.5	0.0	0.0	0.6	18.4	30.9	11.5
Summary	55.4	23.9	39.7	3.8	3.0	3.1	722	528	294	65	4	1	6279	6815	7676	9272	0.0	4.9	221.7	62.7	220.3	43.2

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	0.69	7.3	2.5	0.2	0.0	0.31	0.60	0.95	
02	0.73	6.7	2.9	0.2	0.0	0.47	0.68	0.88	
03	0.53	4.0	1.6	0.1	0.0	0.17	0.37	0.69	
04	0.59	5.0	1.7	0.0	0.0	0.27	0.50	0.74	
05	0.66	5.1	2.1	0.1	0.0	0.15	0.60	0.85	
06	0.43	3.8	1.5	0.1	0.0	0.05	0.23	0.42	
07	0.86	7.4	2.8	0.2	0.0	0.39	0.79	1.33	
08	1.13	8.5	4.2	0.4	0.0	0.51	1.25	1.55	
09	1.01	6.9	3.2	0.4	0.0	0.65	0.94	1.20	
10	0.88	5.2	2.7	0.4	0.1	0.37	0.74	1.08	
11	0.49	5.2	1.9	0.2	0.0	0.20	0.46	0.70	
12	0.81	6.8	2.8	0.1	0.0	0.51	0.70	1.03	
Summary	8.81	71.9	29.9	2.4	0.1	4.05	7.86	11.42	

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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	12.40	6.7	4.6	1.5	0.4	0.0					6.40	12.40	15.90
02	10.50	6.2	4.4	1.4	0.4	0.0					6.10	7.30	10.00
03	6.10	3.2	2.2	0.6	0.2	0.0					2.10	5.60	8.30
04	2.90	1.9	1.3	0.2	0.0	0.0					0.20	1.10	4.50
05	0.40	0.2	0.2	0.1	0.0	0.0					0.00	0.00	0.00
06	0.00	0.0	0.0	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	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
10	1.10	0.7	0.4	0.1	0.0	0.0					0.00	0.00	1.00
11	4.30	3.1	1.5	0.3	0.1	0.0					0.90	4.10	6.00
12	11.90	6.2	3.9	1.1	0.5	0.0					7.60	11.50	14.80
Summary	49.6	28.2	18.5	5.3	1.6	0.0	0.0	0.0	0.0	0.0	23.3	42.0	60.5

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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	7.2	78.4	283.9	538.5	756.2	700.5	443.6	153.6	10.4	0.1
45	0.0	0.0	0.5	22.2	156.7	389.7	601.3	545.5	298.6	61.8	1.3	0.0
50	0.0	0.0	0.0	3.4	60.4	245.6	446.4	390.8	165.2	15.2	0.0	0.0
55	0.0	0.0	0.0	0.3	13.3	118.1	292.6	238.1	59.0	1.1	0.0	0.0
60	0.0	0.0	0.0	0.0	1.7	33.4	145.9	102.5	10.3	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.2	23.2	112.4	248.4	405.6	505.9	467.1	338.4	171.3	32.1	0.2

Growing Degree Units (Accumulated Monthly)												
40	0	0	7	86	370	908	1664	2365	2808	2962	2972	2972
45	0	0	0	23	179	569	1170	1716	2014	2076	2078	2078
50	0	0	0	3	64	309	756	1147	1312	1327	1327	1327
55	0	0	0	0	14	132	424	662	721	722	722	722
60	0	0	0	0	2	35	181	284	294	294	294	294
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	23	136	384	790	1296	1763	2101	2273	2305	2305

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