

Summary of Monthly Normals
1991-2020

Current Location: Elev: 4256 ft. Lat: 40.6483° N Lon: 102.8594° W
Station: FLEMING 3SW, CO US USC00052947
Generated on 04/29/2024

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	41.7	17.1	29.4	5.2	3.3	4.0	0.1	0.0	0.0	0.0	0.0	0.0	793.7	855.6	948.6	1103.6	0.0	0.0	9.3	6.5	30.2	3.1
02	44.3	18.8	31.6	5.2	4.1	4.5	0.3	0.0	0.0	0.0	0.0	0.0	656.5	712.3	796.2	936.4	0.0	0.0	9.9	6.3	27.5	2.1
03	54.3	26.6	40.4	4.4	3.1	3.5	6.1	3.1	0.8	0.0	0.0	0.0	457.5	516.5	607.2	761.3	0.0	0.0	20.8	1.9	25.5	0.3
04	61.6	33.6	47.6	3.6	2.5	2.7	29.9	18.6	7.6	1.3	0.1	0.0	251.6	300.4	379.3	523.2	0.0	0.0	24.1	0.8	15.3	0.0
05	71.1	44.6	57.9	4.2	2.4	3.0	166.8	130.0	83.5	32.7	7.9	3.8	78.4	103.6	150.1	254.4	0.0	1.8	29.0	0.0	3.3	0.0
06	83.1	54.9	69.0	4.4	2.2	3.0	424.5	367.8	285.1	164.0	72.9	47.4	4.8	8.0	15.3	44.2	1.5	9.2	29.9	0.0	0.0	0.0
07	90.0	61.2	75.6	3.0	1.8	2.2	638.1	576.3	483.9	332.1	189.2	138.7	0.0	0.2	0.8	3.7	3.7	19.4	31.0	0.0	0.0	0.0
08	88.3	58.5	73.4	3.1	1.8	2.2	570.2	508.4	416.6	270.2	139.5	95.7	0.0	0.2	1.4	9.9	1.3	15.1	31.0	0.0	0.0	0.0
09	80.2	49.5	64.9	3.5	2.2	2.7	317.9	266.6	195.3	98.9	36.2	20.4	22.7	31.4	50.2	103.6	0.4	7.0	29.4	0.0	0.5	0.0
10	65.4	36.4	50.9	4.2	2.7	3.2	71.2	50.4	27.2	7.0	1.0	0.3	198.0	239.2	309.0	443.9	0.0	0.4	26.5	0.6	11.1	0.0
11	52.0	25.5	38.8	5.8	3.2	4.2	4.1	2.0	0.6	0.0	0.0	0.0	491.5	549.5	638.1	787.5	0.0	0.0	18.4	2.6	24.8	0.5
12	42.2	17.4	29.8	4.3	4.2	4.1	0.1	0.0	0.0	0.0	0.0	0.0	780.7	842.7	935.7	1090.9	0.0	0.0	10.4	7.1	30.4	3.1
Summary	64.5	37.0	50.8	4.2	2.8	3.3	2229	1923	1501	906	447	306	3735	4160	4832	6063	6.9	52.9	269.7	25.8	168.6	9.1

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	0.25	2.7	0.8	0.0	0.0	0.08	0.13	0.37	
02	0.40	4.0	1.6	0.1	0.0	0.20	0.34	0.47	
03	0.90	4.4	2.3	0.5	0.2	0.31	0.71	1.12	
04	1.81	6.7	4.4	1.3	0.3	0.99	1.75	2.60	
05	3.09	8.8	6.3	2.2	0.6	2.08	3.25	4.06	
06	2.49	7.6	5.3	1.6	0.5	1.48	2.21	3.28	
07	2.60	7.5	4.7	1.3	0.5	1.59	2.67	3.49	
08	2.17	6.5	3.9	1.6	0.6	1.63	1.93	3.05	
09	1.28	5.2	3.1	0.7	0.1	0.57	1.25	1.65	
10	1.28	5.0	3.3	0.5	0.1	0.71	0.96	1.59	
11	0.51	3.3	1.5	0.1	0.0	0.14	0.39	0.69	
12	0.40	3.4	1.3	0.1	0.0	0.12	0.31	0.48	
Summary	17.18	65.1	38.5	10.0	2.9	9.90	15.90	22.85	

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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	3.70	3.7	1.3	0.4	0.1	0.0	10.6	5.3	2.2	0.0	2.50	3.40	6.00
02	7.40	5.0	2.5	0.7	0.2	0.0	10.3	5.3	2.4	0.0	4.10	7.50	9.70
03	4.80	3.3	1.5	0.6	0.0	0.0	3.9	1.4	0.2	0.0	2.10	4.60	7.00
04	5.10	2.5	1.5	0.7	0.3	0.0	2.3	1.1	0.5	0.0	1.70	4.10	7.70
05	1.20	0.5	0.3	0.2	0.0	0.0	0.4	0.2	0.1	0.0	0.00	0.00	0.40
06	0.20	0.1	0.1	0.0	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	0.20	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	3.10	1.2	0.8	0.4	0.1	0.0	1.6	1.0	0.7	0.0	0.00	0.20	4.40
11	4.40	2.9	1.5	0.4	0.1	0.0	3.8	1.3	0.7	0.0	2.00	4.30	5.50
12	6.90	4.3	2.1	0.6	0.2	0.0	10.8	5.5	3.1	0.3	3.90	5.00	10.40
Summary	37.0	23.6	11.7	4.0	1.0	0.0	43.8	21.1	9.9	0.3	16.3	29.1	51.1

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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	16.9	34.6	134.8	267.3	555.6	869.8	1103.4	1035.3	746.1	368.6	111.9	23.7
45	4.2	12.2	66.0	160.7	409.6	720.0	948.2	880.2	598.3	244.6	52.0	4.7
50	0.7	2.6	24.9	79.7	276.6	570.8	793.1	725.2	454.4	143.3	18.9	0.6
55	0.1	0.3	6.1	29.9	166.8	424.5	638.1	570.2	317.9	71.2	4.1	0.1
60	0.0	0.0	0.8	7.6	83.5	285.1	483.9	416.6	195.3	27.2	0.6	0.0
Growing Degree Units for Corn (Monthly)												
50/86	26.0	44.7	126.5	199.5	339.0	542.6	707.7	658.9	465.3	258.2	106.9	34.4

Growing Degree Units (Accumulated Monthly)												
40	17	52	186	454	1009	1879	2982	4018	4764	5132	5244	5268
45	4	16	82	243	653	1373	2321	3201	3799	4044	4096	4101
50	1	3	28	108	384	955	1748	2474	2928	3071	3090	3091
55	0	0	6	36	203	628	1266	1836	2154	2225	2229	2229
60	0	0	1	8	92	377	861	1278	1473	1500	1501	1501
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	26	71	197	397	736	1278	1986	2645	3110	3368	3475	3510

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