

Summary of Monthly Normals
1991-2020

Current Location: Elev: 5610 ft. Lat: 39.6211° N Lon: 105.0656° W
Station: MARSTON FLTR PLT, CO US USC00055402

Generated on 05/16/2024

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	45.8	19.3	32.6	3.3	3.3	3.2	0.1	0.0	0.0	0.0	0.0	0.0	696.1	758.1	851.0	1006.0	0.0	0.0	13.5	4.0	29.3	1.1
02	46.5	20.3	33.4	4.7	3.9	4.1	0.7	0.3	0.1	0.0	0.0	0.0	605.1	660.8	744.6	884.5	0.0	0.0	12.0	4.7	25.9	1.4
03	54.6	28.1	41.3	4.0	3.3	3.5	6.0	2.7	0.6	0.0	0.0	0.0	429.4	488.1	579.0	733.3	0.0	0.0	21.6	1.7	21.2	0.2
04	60.1	34.5	47.3	3.9	2.5	3.1	23.9	14.1	5.7	0.6	0.0	0.0	254.6	305.0	386.6	531.5	0.0	0.0	24.4	0.5	10.4	0.0
05	69.0	43.8	56.4	4.2	2.2	3.0	136.0	101.4	59.4	17.0	2.8	1.0	92.5	119.9	171.0	283.6	0.0	0.5	28.9	0.0	2.3	0.0
06	80.8	53.4	67.1	3.7	1.9	2.7	369.3	313.6	233.9	120.8	43.1	24.1	6.6	10.8	21.1	57.9	0.1	6.6	29.9	0.0	0.2	0.0
07	86.4	59.5	73.0	2.9	1.7	2.2	556.2	494.5	402.2	251.2	116.0	73.0	0.1	0.3	1.0	4.9	0.3	14.7	31.0	0.0	0.0	0.0
08	85.0	57.5	71.3	2.8	1.7	2.2	504.1	442.6	351.3	205.7	84.7	49.1	0.6	1.1	2.7	12.1	0.1	8.9	31.0	0.0	0.0	0.0
09	77.2	48.7	63.0	3.1	2.3	2.5	264.1	214.9	148.3	62.4	15.6	7.2	25.9	36.6	59.9	124.0	0.0	2.3	29.5	0.0	0.4	0.0
10	64.2	36.7	50.4	3.7	2.6	3.0	50.6	31.7	13.7	1.5	0.0	0.0	191.3	234.5	309.6	452.4	0.0	0.0	27.3	0.7	7.7	0.0
11	53.4	27.7	40.6	4.7	2.6	3.5	6.7	3.1	0.6	0.0	0.0	0.0	440.3	496.7	584.2	733.6	0.0	0.0	20.5	1.9	20.6	0.3
12	45.4	20.2	32.8	2.9	3.2	2.9	0.1	0.0	0.0	0.0	0.0	0.0	687.9	749.8	842.9	997.9	0.0	0.0	13.0	4.8	29.1	1.3
Summary	64.0	37.5	50.8	3.7	2.6	3.0	1918	1619	1216	659	262	154	3430	3862	4554	5822	0.5	33.0	282.6	18.3	147.1	4.3

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	0.48	4.1	2.3	0.1	0.0	0.30	0.51	0.59	
02	0.67	4.4	2.0	0.2	0.0	0.19	0.59	0.93	
03	1.19	5.1	2.8	0.7	0.1	0.62	1.05	1.50	
04	2.07	7.2	4.4	1.5	0.3	1.14	1.81	2.80	
05	2.73	9.8	6.1	2.0	0.6	1.64	2.43	3.86	
06	1.87	7.7	4.2	1.0	0.3	0.98	1.45	2.59	
07	2.05	8.3	4.6	1.0	0.4	1.19	1.74	2.62	
08	1.85	9.0	3.9	0.6	0.3	0.92	1.51	2.61	
09	1.26	6.0	3.3	0.9	0.1	0.67	1.13	1.59	
10	1.04	5.1	2.9	0.6	0.1	0.64	1.02	1.50	
11	0.74	3.7	1.9	0.2	0.0	0.27	0.54	0.79	
12	0.61	3.9	1.7	0.2	0.0	0.25	0.43	0.75	
Summary	16.56	74.3	40.1	9.0	2.2	8.81	14.21	22.13	

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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	6.30	3.3	2.1	0.8	0.3	0.1	6.1	2.2	0.6	0.0	3.20	4.00	7.50
02	6.20	4.0	2.7	0.9	0.3	0.0	7.7	3.8	1.7	0.3	2.10	4.30	10.10
03	5.40	3.3	2.2	0.9	0.3	0.1	4.3	2.3	0.8	0.3	1.50	5.60	8.20
04	4.10	1.9	1.3	0.6	0.2	0.0	1.4	0.8	0.3	0.0	0.80	2.30	6.10
05	0.80	0.5	0.3	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.80
06	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
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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	1.70	0.9	0.6	0.2	0.0	0.0	1.1	0.6	0.3	0.2	0.00	0.00	1.90
11	3.70	2.0	1.4	0.5	0.1	0.0	2.9	1.2	0.4	0.0	0.90	2.20	4.90
12	5.90	3.4	2.2	0.7	0.3	0.0	7.0	2.3	1.1	0.0	4.00	5.40	8.20
Summary	34.1	19.3	12.8	4.7	1.5	0.2	30.8	13.3	5.2	0.8	12.5	23.8	47.7

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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	30.2	44.9	144.2	254.7	512.3	812.8	1021.2	968.6	689.1	349.8	135.4	40.3
45	7.1	15.9	69.8	147.8	368.8	663.0	866.2	813.6	541.7	223.3	66.7	11.7
50	1.3	3.7	25.7	69.8	240.7	514.1	711.0	658.6	398.7	120.4	25.9	2.3
55	0.1	0.7	6.0	23.9	136.0	369.3	556.2	504.1	264.1	50.6	6.7	0.1
60	0.0	0.1	0.6	5.7	59.4	233.9	402.2	351.3	148.3	13.7	0.6	0.0
Growing Degree Units for Corn (Monthly)												
50/86	42.0	49.2	119.7	176.5	308.0	509.0	667.7	627.3	431.4	239.5	111.7	46.2

Growing Degree Units (Accumulated Monthly)												
40	30	75	219	474	986	1799	2820	3789	4478	4828	4963	5004
45	7	23	93	241	609	1272	2139	2952	3494	3717	3784	3796
50	1	5	31	100	341	855	1566	2225	2624	2744	2770	2772
55	0	1	7	31	167	536	1092	1596	1860	1911	1918	1918
60	0	0	1	6	66	300	702	1053	1202	1215	1216	1216
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	42	91	211	387	695	1204	1872	2499	2931	3170	3282	3328

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