

Summary of Monthly Normals
1991-2020

Generated on 05/02/2024

Current Location: Elev: 8402 ft. Lat: 38.5439° N Lon: 107.6928° W
Station: MONTROSE 11 ENE, CO US USW00003060

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	31.1	14.2	22.6	3.6	2.9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	1002.8	1064.8	1157.8	1312.8	0.0	0.0	0.1	16.2	30.9	1.9
02	34.1	17.1	25.6	3.7	3.5	3.4	0.0	0.0	0.0	0.0	0.0	0.0	823.1	879.1	963.1	1103.2	0.0	0.0	0.8	12.4	27.5	1.0
03	41.9	23.1	32.5	3.7	2.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0	697.6	759.6	852.6	1007.5	0.0	0.0	6.6	4.8	27.5	0.1
04	50.4	29.0	39.7	3.9	1.8	2.7	1.6	0.7	0.1	0.0	0.0	0.0	460.5	519.6	609.0	759.0	0.0	0.0	17.9	1.3	19.9	0.0
05	61.4	37.9	49.6	3.5	2.7	2.9	31.2	17.9	6.0	0.5	0.0	0.0	197.0	245.8	326.9	476.4	0.0	0.0	26.3	0.2	7.8	0.0
06	72.2	47.2	59.7	3.5	2.1	2.7	172.4	128.1	71.1	13.7	0.5	0.0	31.6	47.3	80.2	172.7	0.0	0.0	29.7	0.0	0.3	0.0
07	77.7	53.0	65.3	3.4	0.9	2.0	320.8	259.7	170.7	50.6	3.4	0.4	0.2	1.0	5.0	39.8	0.0	0.0	31.0	0.0	0.0	0.0
08	75.2	51.0	63.1	3.2	1.5	2.2	253.6	195.0	115.4	27.1	1.5	0.1	2.6	6.0	19.4	86.0	0.0	0.0	31.0	0.0	0.0	0.0
09	67.2	43.7	55.4	3.0	2.0	2.4	87.4	54.7	21.9	2.2	0.0	0.0	74.1	101.4	158.6	288.7	0.0	0.0	29.3	0.0	1.9	0.0
10	55.0	32.9	43.9	3.2	2.5	2.6	5.4	1.8	0.1	0.0	0.0	0.0	347.9	406.3	497.7	652.5	0.0	0.0	22.8	1.1	12.8	0.1
11	41.5	23.3	32.4	4.8	2.8	3.7	0.0	0.0	0.0	0.0	0.0	0.0	678.0	738.0	828.0	978.0	0.0	0.0	9.4	5.3	25.8	0.3
12	31.0	14.6	22.8	2.8	3.2	2.9	0.0	0.0	0.0	0.0	0.0	0.0	997.8	1059.9	1152.9	1308.1	0.0	0.0	0.4	16.5	30.6	2.4
Summary	53.2	32.2	42.7	3.5	2.3	2.8	872	658	385	94	5	0	5313	5829	6651	8185	0.0	0.0	205.3	57.8	185.0	5.8

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	1.67	10.7	5.3	0.6	0.0	1.39	1.62	1.97	
02	1.70	11.3	5.5	0.8	0.0	1.25	1.71	2.16	
03	2.18	11.2	5.9	1.2	0.1	1.54	2.09	2.64	
04	2.58	11.1	6.0	1.3	0.0	1.77	2.53	3.24	
05	1.81	9.0	4.4	1.1	0.0	0.47	1.70	2.52	
06	0.63	5.1	1.6	0.2	0.0	0.37	0.56	0.83	
07	1.19	10.2	4.7	0.8	0.1	0.57	0.98	1.69	
08	1.83	9.0	4.5	0.7	0.1	1.07	1.93	2.42	
09	2.11	7.9	4.6	1.4	0.2	1.43	2.06	2.79	
10	1.92	8.2	4.6	1.2	0.0	1.06	1.94	2.64	
11	1.81	7.6	4.4	0.7	0.1	1.05	1.68	2.44	
12	1.73	12.4	5.4	0.6	0.1	1.22	1.66	2.02	
Summary	21.16	113.7	56.9	10.6	0.7	13.19	20.46	27.36	

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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	1.5	22.8	98.0	317.0	591.1	785.5	715.9	467.2	181.6	27.6	0.7
45	0.0	0.0	5.0	38.0	192.6	443.0	630.3	560.9	326.1	86.7	5.7	0.0
50	0.0	0.0	0.3	9.9	95.1	299.9	475.4	406.1	195.9	28.5	0.6	0.0
55	0.0	0.0	0.0	1.6	31.2	172.4	320.8	253.6	87.4	5.4	0.0	0.0
60	0.0	0.0	0.0	0.1	6.0	71.1	170.7	115.4	21.9	0.1	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.1	0.6	14.4	64.8	190.6	351.0	480.7	422.2	265.3	111.5	17.0	0.4

Growing Degree Units (Accumulated Monthly)												
40	0	2	24	122	440	1031	1816	2532	2999	3181	3208	3209
45	0	0	5	43	236	679	1309	1870	2196	2283	2288	2288
50	0	0	0	10	105	405	881	1287	1483	1511	1512	1512
55	0	0	0	2	33	205	526	780	867	872	872	872
60	0	0	0	0	6	77	248	363	385	385	385	385
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	15	80	270	622	1102	1524	1790	1901	1918	1919

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