

Summary of Monthly Normals
1991-2020

Current Location: Elev: 4950 ft. Lat: 40.1694° N Lon: 105.0775° W
Station: LONGMONT 2 ESE, CO US USC00055116
Generated on 04/18/2024

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	44.5	14.4	29.4	4.8	4.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0	792.1	854.0	947.0	1102.0	0.0	0.0	11.7	5.0	30.6	3.2
02	46.8	17.1	32.0	5.1	3.3	3.8	0.1	0.0	0.0	0.0	0.0	0.0	645.0	701.0	785.0	925.1	0.0	0.0	13.5	4.3	27.6	2.3
03	56.8	26.1	41.5	4.1	4.6	3.9	5.3	2.5	0.6	0.0	0.0	0.0	425.6	484.7	575.9	730.2	0.0	0.0	22.2	2.0	26.6	0.5
04	63.2	32.3	47.8	3.4	3.3	3.0	28.8	16.9	6.3	0.8	0.1	0.0	246.0	294.2	373.6	518.1	0.0	0.0	25.1	0.6	15.8	0.0
05	72.7	41.4	57.1	4.0	2.7	2.9	140.9	105.8	62.9	18.9	4.0	1.6	77.4	104.2	154.4	265.4	0.1	1.2	29.6	0.0	2.8	0.0
06	83.9	50.5	67.2	3.7	2.8	2.8	372.1	316.3	237.3	123.5	44.4	24.6	6.2	10.3	21.3	57.5	0.5	9.2	29.9	0.0	0.1	0.0
07	90.8	55.4	73.1	3.1	2.7	2.2	560.8	499.0	407.1	257.4	123.8	82.1	0.1	0.3	1.3	6.7	2.4	17.1	31.0	0.0	0.0	0.0
08	87.8	53.7	70.8	2.3	2.6	2.1	488.5	426.9	335.2	189.3	71.9	41.1	0.4	0.8	2.1	11.1	0.5	15.4	31.0	0.0	0.0	0.0
09	80.3	45.8	63.0	3.5	3.3	3.0	269.6	220.7	153.6	65.6	16.1	6.6	28.5	39.5	62.4	124.3	0.2	5.8	29.3	0.0	1.6	0.0
10	66.2	32.9	49.5	4.7	3.5	3.7	44.9	27.5	11.7	1.4	0.1	0.0	213.7	258.2	335.5	480.3	0.0	0.1	27.5	0.9	15.2	0.0
11	53.5	23.5	38.5	4.9	3.8	4.1	4.3	1.8	0.4	0.0	0.0	0.0	499.3	556.8	645.4	795.0	0.0	0.0	17.6	2.4	26.9	0.8
12	44.8	14.5	29.6	3.9	3.7	3.6	0.1	0.0	0.0	0.0	0.0	0.0	785.4	847.4	940.4	1095.5	0.0	0.0	13.2	3.4	30.5	1.6
Summary	65.9	34.0	50.0	4.0	3.4	3.3	1915	1617	1215	657	260	156	3720	4151	4844	6111	3.7	48.8	281.6	18.6	177.7	8.4

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	0.56	3.7	1.9	0.1	0.0	0.22	0.46	0.63
02	0.57	4.5	1.8	0.0	0.0	0.27	0.46	0.86
03	1.17	5.1	3.3	0.6	0.3	0.71	0.92	1.35
04	2.04	7.5	5.1	1.1	0.5	1.00	2.07	2.63
05	1.97	10.1	5.8	1.3	0.4	1.22	1.57	2.46
06	1.75	8.3	4.6	1.2	0.4	0.89	1.60	2.17
07	1.69	6.1	3.4	0.7	0.2	0.71	1.67	2.34
08	1.95	7.4	3.4	1.2	0.5	0.92	1.66	2.86
09	1.26	6.3	3.9	0.8	0.1	0.62	1.20	1.63
10	1.04	5.4	2.9	0.4	0.0	0.60	1.01	1.30
11	0.75	4.9	3.2	0.4	0.1	0.54	0.60	0.90
12	0.46	3.0	1.0	0.0	0.0	0.17	0.38	0.57
Summary	15.21	72.3	40.3	7.8	2.5	7.87	13.60	19.70

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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	13.6	30.3	147.7	269.3	531.8	815.9	1025.7	953.1	692.9	331.0	109.2	14.9
45	2.6	8.0	70.4	160.8	385.6	666.2	870.4	798.1	546.1	208.2	53.5	3.5
50	0.1	1.0	24.0	78.2	251.1	517.7	715.5	643.1	403.4	110.0	19.7	0.9
55	0.0	0.1	5.3	28.8	140.9	372.1	560.8	488.5	269.6	44.9	4.3	0.1
60	0.0	0.0	0.6	6.3	62.9	237.3	407.1	335.2	153.6	11.7	0.4	0.0
Growing Degree Units for Corn (Monthly)												
50/86	36.3	52.1	147.6	216.6	352.5	500.4	625.6	594.0	447.1	265.3	112.9	37.6

Growing Degree Units (Accumulated Monthly)												
40	14	44	192	461	993	1809	2834	3787	4480	4811	4920	4935
45	3	11	81	242	627	1294	2164	2962	3508	3716	3770	3773
50	0	1	25	103	354	872	1588	2231	2634	2744	2764	2765
55	0	0	5	34	175	547	1108	1596	1866	1911	1915	1915
60	0	0	1	7	70	307	714	1049	1203	1215	1215	1215
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	36	88	236	453	805	1306	1931	2525	2972	3238	3350	3388

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