

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 5407 ft. Lat: 39.8989° N Lon: 105.0133° W

Station: NORTHGLENN, CO US USC00055984

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	48.0	19.0	33.5	4.0	3.1	3.5	0.6	0.2	0.0	0.0	0.0	0.0	667.1	728.7	821.6	976.5	0.0	0.0	14.5	4.0	28.8	1.5
02	49.6	20.3	34.9	5.3	3.8	4.3	1.7	0.9	0.3	0.0	0.0	0.0	562.8	618.1	701.5	841.3	0.0	0.0	15.1	4.0	25.5	1.0
03	57.7	28.4	43.0	3.9	3.0	3.2	11.1	5.5	1.6	0.0	0.0	0.0	381.7	438.1	527.1	680.5	0.0	0.0	23.2	1.5	21.8	0.1
04	63.9	35.1	49.5	4.0	2.3	3.0	41.7	26.2	11.9	1.9	0.1	0.0	206.5	251.0	326.8	466.8	0.0	0.0	25.8	0.5	11.1	0.0
05	72.3	44.4	58.4	4.5	2.2	3.2	176.1	136.7	86.4	30.7	7.4	3.5	72.1	94.7	137.5	236.8	0.1	1.5	29.3	0.0	1.7	0.0
06	85.3	53.4	69.4	3.8	2.4	3.0	434.7	377.3	294.4	169.5	75.5	48.7	4.4	7.0	14.0	39.1	0.9	10.0	29.9	0.0	0.0	0.0
07	91.1	58.9	75.0	2.8	1.9	2.2	619.8	557.9	465.5	314.6	173.9	125.1	0.1	0.2	0.6	4.7	3.5	18.9	31.0	0.0	0.0	0.0
08	88.9	57.2	73.1	2.8	1.7	2.1	559.7	498.1	406.3	257.6	124.9	82.1	0.3	0.7	1.8	8.1	0.9	15.9	31.0	0.0	0.0	0.0
09	81.5	48.9	65.2	3.0	2.1	2.4	325.0	273.3	200.5	98.7	32.4	16.6	19.2	27.4	44.6	92.7	0.2	6.1	29.6	0.0	0.7	0.0
10	67.2	36.8	52.0	4.2	2.9	3.4	74.2	51.0	25.8	5.4	0.4	0.1	167.0	205.8	273.7	408.3	0.0	0.2	27.6	0.6	8.0	0.0
11	55.8	26.8	41.3	5.5	3.3	4.3	9.6	5.0	1.6	0.1	0.0	0.0	420.5	476.0	562.6	711.1	0.0	0.0	20.5	2.0	22.0	0.2
12	47.5	19.1	33.3	3.6	3.0	3.1	0.7	0.3	0.0	0.0	0.0	0.0	673.1	734.7	827.5	982.6	0.0	0.0	14.2	4.1	28.9	1.1
Summary	67.4	37.4	52.4	4.0	2.6	3.1	2255	1932	1494	879	415	276	3175	3582	4239	5449	5.6	52.6	291.7	16.7	148.5	3.9

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	0.45	3.9	1.5	0.1	0.0	0.13	0.35	0.66	
02	0.54	4.5	1.9	0.1	0.0	0.19	0.48	0.71	
03	1.21	5.5	3.1	0.7	0.3	0.44	1.01	1.61	
04	1.94	7.9	4.5	1.0	0.3	0.88	1.93	2.62	
05	2.35	10.0	5.6	1.5	0.3	1.30	2.08	2.76	
06	1.50	6.9	3.8	0.9	0.1	0.78	1.20	2.40	
07	1.73	7.4	3.9	1.0	0.4	0.73	1.63	2.31	
08	1.32	7.6	3.2	0.7	0.2	0.60	0.97	1.82	
09	1.19	5.7	2.6	0.6	0.1	0.45	0.96	1.50	
10	1.07	5.4	2.9	0.3	0.1	0.51	1.04	1.49	
11	0.73	4.5	2.2	0.3	0.1	0.29	0.66	0.88	
12	0.48	3.8	1.5	0.2	0.1	0.22	0.37	0.52	
Summary	14.51	73.1	36.7	7.4	2.0	6.52	12.68	19.28	

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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	6.00	3.8	2.4	0.5	0.1	0.0	6.8	2.9	1.1	0.0	2.80	5.60	9.50
02	7.60	4.2	2.7	0.9	0.2	0.0	6.5	2.3	0.7	0.0	2.80	7.00	10.60
03	8.20	3.6	2.4	0.7	0.6	0.1	4.1	1.4	0.9	0.2	2.40	6.70	11.30
04	6.50	2.9	2.2	0.7	0.2	0.1	2.7	1.0	0.3	0.0	1.80	5.40	9.80
05	1.20	0.6	0.4	0.2	0.1	0.0	0.4	0.2	0.1	0.0	0.00	0.00	0.90
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	0.10	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	2.40	1.1	0.9	0.4	0.1	0.0	1.5	0.9	0.3	0.0	0.00	0.00	4.00
11	6.90	3.2	2.1	0.9	0.3	0.0	5.1	2.4	1.0	0.1	2.00	3.90	9.70
12	5.90	4.0	2.4	0.6	0.2	0.0	7.7	2.9	1.3	0.2	2.40	4.60	7.10
Summary	44.8	23.6	15.6	4.9	1.8	0.2	34.8	14.0	5.7	0.5	14.2	33.2	62.9

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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	46.5	56.5	180.3	312.3	572.3	880.4	1084.9	1024.5	756.5	395.0	152.6	47.5
45	15.4	20.7	93.1	195.2	426.2	730.4	929.7	869.4	608.4	264.0	80.5	16.0
50	3.8	6.1	38.6	102.9	291.8	581.3	774.7	714.4	463.2	153.7	33.3	4.0
55	0.6	1.7	11.1	41.7	176.1	434.7	619.8	559.7	325.0	74.2	9.6	0.7
60	0.0	0.3	1.6	11.9	86.4	294.4	465.5	406.3	200.5	25.8	1.6	0.0
Growing Degree Units for Corn (Monthly)												
50/86	62.6	72.4	158.8	227.4	356.3	540.4	674.8	642.1	475.3	281.1	137.9	61.0

Growing Degree Units (Accumulated Monthly)												
40	46	103	283	596	1168	2048	3133	4158	4914	5309	5462	5509
45	15	36	129	324	751	1481	2411	3280	3888	4152	4233	4249
50	4	10	48	151	443	1024	1799	2514	2977	3130	3164	3168
55	1	2	13	55	231	666	1286	1845	2170	2245	2254	2255
60	0	0	2	14	100	395	860	1266	1467	1493	1494	1494
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	63	135	294	521	878	1418	2093	2735	3210	3491	3629	3690

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