U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Summary of Monthly Normals
1991-2020

Generated on 11/06/2026

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Current Location: Elev: 5004 ft. Lat: 40.5764° N Lon: 105.0858° W

Station: **FT COLLINS, CO US USC00053005**

Temperature (°F)

	Mean						Cooling Degree Days Base (above)						Heating Degree Days Base (above)				Mean Number of Days					
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	45.0	18.3	31.6	4.1	3.2	3.6	0.1	0.0	0.0	0.0	0.0	0.0	723.9	785.9	878.9	1033.9	0.0	0.0	11.3	4.2	29.3	1.6
02	46.8	20.7	33.8	4.6	3.4	3.8	0.5	0.2	0.1	0.0	0.0	0.0	595.2	651.1	734.9	874.9	0.0	0.0	12.5	3.4	25.8	1.0
03	56.4	28.5	42.4	4.1	2.6	3.2	5.2	2.2	0.4	0.0	0.0	0.0	394.3	453.4	544.5	699.1	0.0	0.0	22.9	1.1	21.5	0.2
04	62.5	35.4	49.0	3.5	2.2	2.7	25.9	14.0	4.5	0.4	0.0	0.0	207.3	255.4	335.9	481.9	0.0	0.0	26.1	0.2	9.3	0.0
05	70.9	44.1	57.5	3.9	1.9	2.7	142.4	104.4	58.9	15.5	2.2	0.6	64.8	88.8	136.4	248.0	0.0	0.4	30.1	0.0	1.2	0.0
06	81.8	52.8	67.3	3.9	2.1	2.9	371.9	314.7	232.8	114.9	36.3	18.6	3.0	5.8	13.9	45.9	0.2	5.7	30.0	0.0	0.0	0.0
07	87.4	58.7	73.1	2.8	1.9	2.2	559.3	497.5	405.0	253.0	115.9	71.7	0.1	0.2	0.6	3.5	0.3	13.0	31.0	0.0	0.0	0.0
08	85.0	56.5	70.7	2.8	1.7	2.1	488.4	426.8	335.4	188.7	68.8	36.6	0.3	0.7	2.2	10.5	0.0	8.3	31.0	0.0	0.0	0.0
09	77.4	48.0	62.7	3.1	2.2	2.4	250.3	200.6	133.8	51.0	10.0	4.1	19.5	29.7	52.9	120.0	0.0	2.0	29.7	0.0	0.5	0.0
10	64.3	36.1	50.2	3.9	2.8	3.1	40.2	24.3	9.3	0.6	0.0	0.0	188.8	234.9	313.1	459.4	0.0	0.0	27.6	0.5	8.5	0.0
11	52.5	26.1	39.3	4.6	2.7	3.5	2.2	0.8	0.2	0.0	0.0	0.0	473.2	531.8	621.2	771.0	0.0	0.0	18.5	1.6	23.9	0.3
12	44.0	18.3	31.1	3.3	2.6	2.9	0.1	0.0	0.0	0.0	0.0	0.0	739.1	801.1	894.1	1049.2	0.0	0.0	10.1	4.4	30.0	1.4
Summary	64.5	37.0	50.7	3.7	2.4	2.9	1886	1585	1180	624	233	132	3409	3839	4529	5797	0.5	29.4	280.8	15.4	150.0	4.5

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Station: **FT COLLINS, CO US USC00053005**

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	0.41	3.9	1.6	0.0	0.0	0.12	0.35	0.59
02	0.47	5.1	1.6	0.1	0.0	0.23	0.49	0.67
03	1.31	6.0	3.0	0.7	0.3	0.50	1.02	1.54
04	2.10	9.0	4.5	1.4	0.4	1.01	2.05	2.75
05	2.72	12.0	5.8	1.7	0.6	1.60	2.18	3.35
06	1.90	9.4	3.9	1.1	0.2	0.82	1.69	2.65
07	1.63	9.4	3.5	0.7	0.2	0.89	1.30	2.02
08	1.45	8.8	3.0	0.8	0.2	0.53	0.92	2.19
09	1.43	7.2	3.2	1.0	0.2	0.53	1.16	2.09
10	1.25	6.2	3.0	0.8	0.2	0.70	1.06	1.73
11	0.74	4.8	2.4	0.3	0.0	0.44	0.63	0.88
12	0.47	4.1	1.5	0.1	0.0	0.15	0.42	0.53
Summary	15.88	85.9	37.0	8.7	2.3	7.52	13.27	20.99

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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	6.70	4.3	2.1	0.7	0.3	0.0	12.3	6.1	2.9	1.0	2.50	5.90	9.80
02	7.60	5.5	2.7	0.7	0.2	0.0	8.3	4.7	2.2	0.3	3.90	6.40	12.10
03	9.40	4.5	2.3	0.9	0.5	0.1	3.9	1.9	0.9	0.1	4.00	8.20	13.20
04	6.20	3.1	1.8	0.7	0.3	0.0	1.5	0.6	0.3	0.1	2.00	4.90	7.80
05	1.60	0.6	0.4	0.2	0.1	0.0	0.3	0.2	0.1	0.0	0.00	0.00	1.30
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	0.70	0.3	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
10	4.10	1.3	0.8	0.4	0.2	0.1	1.3	0.8	0.5	0.2	0.00	0.90	6.10
11	7.60	3.6	1.9	1.0	0.4	0.0	4.5	2.2	1.0	0.1	4.00	5.60	9.00
12	7.50	4.3	2.3	0.8	0.3	0.0	11.4	6.3	2.7	0.4	2.20	7.00	9.30
Summary	51.4	27.5	14.4	5.5	2.4	0.2	43.6	22.8	10.6	2.2	18.6	38.9	68.6

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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	21.3	36.0	153.5	289.5	544.2	818.9	1024.4	953.2	681.4	337.2	101.8	18.2
45	4.7	10.8	70.8	170.1	395.1	668.9	869.2	798.1	533.0	208.1	43.5	4.0
50	0.4	2.5	24.4	79.5	257.8	519.3	714.2	643.1	387.0	105.5	12.4	0.5
55	0.1	0.5	5.2	25.9	142.4	371.9	559.3	488.4	250.3	40.2	2.2	0.1
60	0.0	0.1	0.4	4.5	58.9	232.8	405.0	335.4	133.8	9.3	0.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	35.3	44.8	134.8	201.9	332.7	511.0	661.4	613.3	429.1	235.5	95.9	30.6

Growing Degree Units (Accumulated Monthly)

40	21	57	211	500	1044	1863	2888	3841	4522	4860	4961	4980
45	5	16	86	256	652	1320	2190	2988	3521	3729	3772	3776
50	0	3	27	107	365	884	1598	2241	2628	2734	2746	2747
55	0	1	6	32	174	546	1105	1594	1844	1884	1886	1886
60	0	0	0	5	64	297	702	1037	1171	1180	1180	1180
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	35	80	215	417	750	1260	1922	2535	2964	3200	3296	3326

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

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