

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 4715 ft. Lat: 40.4022° N Lon: 104.6992° W

Station: GREELEY UNC, CO US USC00053553

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	44.1	17.5	30.8	5.2	4.3	4.5	0.2	0.1	0.0	0.0	0.0	0.0	750.4	812.3	905.2	1060.2	0.0	0.0	10.2	5.4	29.9	2.2
02	47.7	20.0	33.9	5.8	4.2	4.7	0.9	0.5	0.2	0.1	0.0	0.0	592.7	648.2	732.0	872.2	0.0	0.0	13.1	3.7	26.1	1.3
03	59.1	28.1	43.6	4.4	2.8	3.4	10.1	5.0	1.4	0.0	0.0	0.0	363.8	420.7	510.1	663.5	0.0	0.0	24.1	1.1	22.1	0.2
04	66.0	35.3	50.7	3.8	2.3	2.8	47.0	29.2	12.0	1.9	0.2	0.0	177.4	219.5	292.4	432.4	0.0	0.2	26.2	0.2	10.0	0.0
05	74.7	44.5	59.6	4.2	2.3	3.0	192.7	150.3	96.2	34.6	7.9	3.5	50.0	69.6	108.6	202.0	0.0	2.1	30.3	0.0	1.6	0.0
06	85.8	53.6	69.7	4.3	2.1	3.0	443.2	384.9	299.9	172.1	74.3	46.3	2.4	4.1	9.0	31.1	1.4	11.6	29.9	0.0	0.0	0.0
07	91.7	59.3	75.5	3.1	1.7	2.2	635.1	573.1	480.5	327.8	182.2	130.2	0.0	0.1	0.4	2.4	3.8	20.0	31.0	0.0	0.0	0.0
08	89.2	57.3	73.3	3.1	1.7	2.3	565.7	503.9	411.9	261.7	125.4	81.2	0.2	0.4	1.3	6.0	1.1	16.8	31.0	0.0	0.0	0.0
09	81.9	48.7	65.3	3.6	2.4	2.7	323.3	270.3	196.2	92.9	27.7	13.4	14.6	21.6	37.5	83.9	0.2	7.3	29.6	0.0	0.4	0.0
10	67.8	36.6	52.2	3.7	2.8	3.0	68.9	45.9	22.0	4.3	0.2	0.1	155.5	194.6	263.7	401.0	0.0	0.3	28.2	0.6	8.7	0.0
11	53.6	25.8	39.7	5.2	2.5	3.7	4.0	1.9	0.6	0.0	0.0	0.0	462.9	520.9	609.5	759.0	0.0	0.0	18.6	2.1	23.8	0.3
12	43.4	17.8	30.6	4.6	3.3	3.8	0.0	0.0	0.0	0.0	0.0	0.0	755.9	817.9	910.9	1066.3	0.0	0.0	9.6	6.0	30.0	1.5
Summary	67.1	37.0	52.1	4.3	2.7	3.3	2291	1965	1521	895	418	275	3326	3730	4381	5580	6.5	58.3	281.8	19.1	152.6	5.5

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	3.7	1.5	0.1	0.0	0.14	0.42	0.67	
02	0.45	4.2	1.7	0.1	0.0	0.17	0.40	0.64	
03	0.91	5.1	2.3	0.6	0.1	0.45	0.70	1.15	
04	1.83	7.6	4.4	1.0	0.3	0.84	1.50	2.66	
05	2.65	10.8	5.6	1.6	0.6	1.61	2.31	2.92	
06	1.78	8.1	4.1	1.0	0.2	1.01	1.78	2.31	
07	1.61	7.3	3.5	0.9	0.2	0.70	1.24	2.30	
08	1.56	7.0	3.3	0.7	0.3	0.64	1.01	2.09	
09	1.13	6.2	3.0	0.7	0.1	0.49	0.94	1.55	
10	1.06	5.6	2.9	0.6	0.1	0.48	0.81	1.54	
11	0.67	4.3	1.9	0.3	0.1	0.35	0.46	0.85	
12	0.55	3.6	1.8	0.2	0.1	0.15	0.42	0.68	
Summary	14.65	73.5	36.0	7.8	2.1	7.03	11.99	19.36	

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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	5.70	3.2	2.0	0.7	0.1	0.0	12.3	7.5	3.8	0.8	2.40	5.30	8.70
02	5.10	3.4	2.0	0.4	0.1	0.0	7.3	3.7	1.6	0.5	1.80	5.00	6.80
03	5.10	2.5	1.6	0.7	0.3	0.0	2.5	1.0	0.4	0.1	0.70	4.90	9.00
04	3.70	2.1	1.4	0.4	0.1	0.0	1.0	0.6	0.2	0.0	0.00	1.30	6.50
05	0.50	0.2	0.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
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	0.50	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	3.30	1.1	0.7	0.4	0.3	0.1	1.4	0.9	0.7	0.2	0.00	0.00	5.60
11	5.40	2.8	1.5	0.7	0.2	0.0	4.1	1.9	0.9	0.1	2.50	4.00	7.20
12	5.60	3.4	2.0	0.7	0.3	0.1	10.5	5.3	3.1	0.5	1.90	5.10	7.60
Summary	34.9	19.0	11.6	4.1	1.4	0.2	39.3	21.0	10.7	2.2	9.3	25.6	51.4

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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	19.4	41.5	183.9	338.8	609.1	890.9	1100.3	1030.6	759.3	397.3	116.3	17.8
45	4.3	14.3	93.2	215.1	458.6	740.9	945.3	875.6	610.9	262.6	53.9	3.5
50	0.6	3.9	36.8	115.3	317.0	591.3	790.1	720.6	464.3	150.5	18.6	0.5
55	0.2	0.9	10.1	47.0	192.7	443.2	635.1	565.7	323.3	68.9	4.0	0.0
60	0.0	0.2	1.4	12.0	96.2	299.9	480.5	411.9	196.2	22.0	0.6	0.0
Growing Degree Units for Corn (Monthly)												
50/86	34.6	57.4	175.1	253.3	385.6	549.4	685.9	649.6	480.3	287.3	113.9	30.5

Growing Degree Units (Accumulated Monthly)												
40	19	61	245	584	1193	2084	3184	4214	4974	5371	5487	5505
45	4	19	112	327	786	1526	2472	3347	3958	4221	4275	4278
50	1	4	41	157	474	1065	1855	2576	3040	3190	3209	3210
55	0	1	11	58	251	694	1329	1895	2218	2287	2291	2291
60	0	0	2	14	110	410	890	1302	1498	1520	1521	1521
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	35	92	267	520	906	1455	2141	2791	3271	3559	3672	3703

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