

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 8675 ft. Lat: 39.4608° N Lon: 105.6786° W
Station: GRANT, CO US USC00053530

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	33.7	9.2	21.5	2.4	3.5	2.9	0.0	0.0	0.0	0.0	0.0	0.0	1040.1	1102.1	1195.1	1350.1	0.0	0.0	1.0	11.8	30.9	5.2
02	35.5	9.4	22.5	3.1	3.7	3.2	0.0	0.0	0.0	0.0	0.0	0.0	911.3	967.3	1051.3	1191.3	0.0	0.0	2.1	8.3	27.9	4.6
03	43.3	16.3	29.8	3.1	3.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	781.2	843.2	936.2	1091.2	0.0	0.0	10.0	3.5	30.8	1.3
04	49.0	22.4	35.7	3.2	2.2	2.6	0.0	0.0	0.0	0.0	0.0	0.0	579.0	639.0	729.0	879.0	0.0	0.0	17.4	1.9	28.6	0.3
05	59.0	29.9	44.5	3.8	1.8	2.6	4.0	1.7	0.3	0.0	0.0	0.0	331.1	390.8	482.4	637.1	0.0	0.0	26.7	0.3	18.6	0.0
06	70.4	37.5	53.9	3.3	1.8	2.4	50.1	27.1	7.9	0.3	0.0	0.0	81.7	118.7	189.4	331.9	0.0	0.0	29.6	0.0	3.4	0.0
07	74.9	43.3	59.1	2.2	1.6	1.6	137.2	87.6	32.6	1.3	0.0	0.0	10.2	22.5	60.6	184.3	0.0	0.0	31.0	0.0	0.2	0.0
08	72.1	41.7	56.9	2.4	1.7	1.7	85.5	47.6	13.1	0.3	0.0	0.0	26.6	50.7	109.2	251.4	0.0	0.0	30.9	0.0	0.3	0.0
09	65.8	34.5	50.1	3.0	2.2	2.3	13.8	5.2	0.4	0.0	0.0	0.0	159.3	210.7	295.9	445.5	0.0	0.0	28.9	0.1	8.6	0.0
10	54.2	25.4	39.8	3.3	2.7	2.7	0.1	0.0	0.0	0.0	0.0	0.0	471.3	533.2	626.2	781.2	0.0	0.0	23.0	1.2	25.5	0.3
11	41.7	16.5	29.1	4.5	3.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	777.0	837.0	927.0	1077.0	0.0	0.0	9.0	5.1	29.7	1.5
12	33.1	9.1	21.1	2.4	2.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	1050.8	1112.8	1205.8	1360.8	0.0	0.0	1.3	12.2	31.0	5.0
Summary	52.7	24.6	38.7	3.1	2.5	2.6	291	169	54	2	0	0	6220	6828	7808	9581	0.0	0.0	210.9	44.4	235.5	18.2

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	6.3	2.0	0.2	0.0	0.32	0.39	0.68	
02	0.65	7.1	2.4	0.1	0.0	0.38	0.60	0.84	
03	1.04	8.2	3.5	0.3	0.1	0.67	0.95	1.21	
04	1.50	8.6	4.3	0.6	0.2	0.95	1.22	1.95	
05	1.73	9.5	4.6	0.9	0.1	1.03	1.64	2.11	
06	1.43	8.6	4.1	0.5	0.0	0.53	1.42	2.21	
07	2.58	14.0	7.2	1.4	0.2	1.66	2.29	3.38	
08	2.25	15.0	7.2	0.8	0.1	1.47	2.30	2.84	
09	1.44	8.8	4.0	0.7	0.1	0.93	1.33	1.66	
10	0.96	6.6	3.1	0.3	0.1	0.38	1.04	1.36	
11	0.65	5.6	2.3	0.2	0.0	0.42	0.58	0.85	
12	0.60	6.8	1.9	0.1	0.0	0.33	0.50	0.85	
Summary	15.39	105.1	46.6	6.1	0.9	9.07	14.26	19.94	

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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	9.90	5.7	4.0	1.2	0.3	0.0	27.2	20.2	15.0	4.1	4.20	8.00	13.70
02	10.40	6.4	4.1	1.5	0.4	0.0	24.1	17.6	15.1	7.6	5.30	9.00	14.70
03	15.30	7.2	5.0	2.1	0.8	0.1	21.6	17.1	14.2	8.6	8.60	12.80	18.40
04	13.80	6.0	4.3	1.8	0.9	0.1	9.8	6.3	4.2	1.1	8.70	11.50	22.10
05	4.80	2.3	1.9	0.7	0.3	0.0	2.3	1.2	0.4	0.0	0.40	3.60	7.00
06	0.10	0.2	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	0.80	0.4	0.4	0.1	0.0	0.0	0.5	0.2	0.0	0.0	0.00	0.00	0.00
10	5.50	3.1	1.9	0.7	0.2	0.0	3.9	1.8	1.0	0.1	1.90	3.50	6.90
11	9.60	4.7	3.0	1.2	0.6	0.0	15.9	8.7	4.9	1.7	5.00	8.50	13.00
12	11.80	6.4	4.2	1.5	0.6	0.1	25.4	20.5	14.4	3.6	8.10	10.00	15.20
Summary	82.0	42.4	28.8	10.8	4.1	0.3	130.7	93.6	69.2	26.8	42.2	66.9	111.0

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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	0.1	0.4	8.4	36.0	179.7	419.3	591.8	523.9	312.9	91.7	10.2	0.2
45	0.0	0.0	0.7	6.2	80.0	275.0	436.9	369.8	179.2	27.8	1.1	0.0
50	0.0	0.0	0.0	0.5	23.3	145.1	282.9	218.5	72.6	3.5	0.0	0.0
55	0.0	0.0	0.0	0.0	4.0	50.1	137.2	85.5	13.8	0.1	0.0	0.0
60	0.0	0.0	0.0	0.0	0.3	7.9	32.6	13.1	0.4	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.6	1.6	19.2	55.0	160.4	307.0	386.8	343.1	242.0	106.3	19.4	0.7
Growing Degree Units (Accumulated Monthly)												
40	0	0	9	45	225	644	1236	1760	2072	2164	2174	2175
45	0	0	1	7	87	362	799	1169	1348	1376	1377	1377
50	0	0	0	0	24	169	452	670	743	746	746	746
55	0	0	0	0	4	54	191	277	291	291	291	291
60	0	0	0	0	0	8	41	54	54	54	54	54
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	2	21	76	237	544	931	1274	1516	1622	1641	1642

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