

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 7970 ft. Lat: 39.9364° N Lon: 105.3503° W
Station: GROSS RSVR, CO US USC00053629

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	39.3	16.9	28.1	3.0	4.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	834.0	896.0	989.0	1143.9	0.0	0.0	7.1	5.8	29.4	2.5
02	39.7	16.7	28.2	3.8	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	750.2	806.3	890.3	1030.4	0.0	0.0	6.7	6.9	26.5	2.3
03	47.2	22.1	34.7	3.4	2.6	2.8	0.1	0.0	0.0	0.0	0.0	0.0	631.2	693.0	786.0	940.9	0.0	0.0	14.8	3.1	27.5	0.5
04	52.2	27.1	39.7	3.1	2.5	2.6	1.3	0.6	0.1	0.0	0.0	0.0	461.7	521.0	610.5	760.5	0.0	0.0	19.4	1.5	23.8	0.1
05	60.8	35.4	48.1	3.9	1.7	2.7	24.4	13.2	3.8	0.2	0.0	0.0	238.3	289.1	372.7	524.1	0.0	0.0	25.5	0.1	9.6	0.0
06	72.6	43.6	58.1	3.9	2.2	2.8	134.8	96.3	51.0	11.9	1.7	0.5	41.9	63.4	108.1	219.0	0.0	1.0	29.7	0.0	0.4	0.0
07	79.3	49.6	64.5	2.6	1.6	1.9	295.4	236.2	153.1	46.7	4.1	1.2	2.7	5.4	15.3	63.8	0.0	1.0	31.0	0.0	0.0	0.0
08	77.1	47.6	62.3	2.7	1.7	2.0	236.9	182.8	110.1	27.5	1.3	0.3	9.1	17.0	37.3	109.6	0.0	0.2	30.9	0.0	0.1	0.0
09	69.7	40.6	55.2	2.9	2.5	2.4	89.5	59.7	26.5	3.6	0.0	0.0	85.1	115.2	172.1	299.2	0.0	0.2	28.6	0.1	2.0	0.0
10	56.8	31.3	44.1	3.9	3.0	3.2	8.9	4.5	1.5	0.3	0.0	0.0	348.2	405.9	495.8	649.6	0.0	0.0	23.9	1.2	15.7	0.1
11	47.0	23.5	35.3	4.5	2.7	3.5	0.2	0.1	0.0	0.0	0.0	0.0	592.7	652.6	742.5	892.5	0.0	0.0	16.5	2.7	24.5	0.4
12	39.5	17.5	28.5	2.8	3.3	2.9	0.0	0.0	0.0	0.0	0.0	0.0	821.3	883.3	976.3	1131.4	0.0	0.0	6.6	7.4	28.8	2.6
Summary	56.8	31.0	43.9	3.4	2.6	2.8	792	593	346	90	7	2	4816	5348	6196	7765	0.0	2.4	240.7	28.8	188.3	8.5

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	0.71	4.7	2.5	0.2	0.0	0.32	0.59	1.05	
02	0.90	5.6	2.9	0.3	0.0	0.35	0.67	1.51	
03	1.94	6.3	4.2	1.0	0.4	1.12	1.66	2.51	
04	2.73	8.4	5.5	2.0	0.5	1.56	2.14	4.06	
05	2.89	10.5	6.2	1.7	0.6	1.78	2.75	3.60	
06	1.87	8.1	4.7	0.9	0.3	0.99	1.57	2.59	
07	2.04	10.2	5.6	1.2	0.3	1.28	2.05	2.41	
08	2.12	10.9	5.5	0.9	0.3	1.38	1.83	2.53	
09	1.99	7.3	4.2	1.0	0.3	1.02	1.55	1.97	
10	1.35	6.0	3.5	0.7	0.2	0.69	1.08	2.26	
11	0.96	4.9	3.1	0.4	0.1	0.42	0.77	1.20	
12	0.78	4.9	2.6	0.2	0.1	0.35	0.57	0.95	
Summary	20.28	87.8	50.5	10.5	3.1	11.26	17.23	26.64	

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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	9.40	4.0	3.8	1.5	0.6	0.1	17.7	9.6	5.6	1.8	5.00	8.70	13.70
02	14.00	4.7	4.4	1.7	0.7	0.2	16.2	9.1	6.0	1.8	5.00	11.00	18.50
03	21.00	4.8	4.5	2.3	1.5	0.5	13.5	8.8	5.8	2.4	14.10	19.30	26.10
04	19.80	4.6	4.4	2.6	1.5	0.4	9.4	6.1	4.1	1.0	8.00	16.30	26.20
05	3.90	1.3	1.3	0.6	0.3	0.1	1.9	1.0	0.6	0.1	0.00	2.00	5.00
06	0.10	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	0.90	0.4	0.3	0.2	0.1	0.0	0.4	0.3	0.2	0.0	0.00	0.00	0.00
10	6.90	1.9	1.7	0.8	0.5	0.2	2.9	1.7	1.1	0.4	0.00	4.50	9.00
11	12.00	3.8	3.5	1.7	0.8	0.1	9.6	4.9	2.3	0.7	5.80	9.50	14.30
12	11.10	4.0	3.6	1.5	0.7	0.1	15.4	8.6	5.4	1.5	4.50	7.00	14.70
Summary	99.1	29.5	27.5	12.9	6.7	1.7	87.0	50.1	31.1	9.7	42.4	78.3	127.5

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151 Patton Avenue
Asheville, North Carolina 28801

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	7.9	12.6	45.5	92.1	278.1	542.9	757.4	692.7	458.6	190.2	52.4	14.7
45	1.0	2.2	12.8	33.4	162.2	395.0	602.1	537.9	318.6	97.0	15.4	3.0
50	0.0	0.1	2.2	8.0	76.0	253.8	447.6	384.3	190.8	36.4	2.3	0.2
55	0.0	0.0	0.1	1.3	24.4	134.8	295.4	236.9	89.5	8.9	0.2	0.0
60	0.0	0.0	0.0	0.1	3.8	51.0	153.1	110.1	26.5	1.5	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	10.2	13.9	51.4	88.1	189.8	341.4	470.3	430.9	301.7	143.2	49.9	13.4
Growing Degree Units (Accumulated Monthly)												
40	8	20	66	158	436	979	1736	2429	2888	3078	3130	3145
45	1	3	16	49	212	607	1209	1747	2065	2162	2178	2181
50	0	0	2	10	86	340	788	1172	1363	1399	1402	1402
55	0	0	0	1	26	161	456	693	782	791	792	792
60	0	0	0	0	4	55	208	318	345	346	346	346
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	10	24	76	164	353	695	1165	1596	1898	2041	2091	2104

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