

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 9492 ft. Lat: 37.7219° N Lon: 107.2667° W

Station: RIO GRANDE RSVR, CO US USC00057050

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	34.4	-4.0	15.2	3.0	3.7	3.0	0.0	0.0	0.0	0.0	0.0	0.0	1233.8	1295.8	1388.8	1543.8	0.0	0.0	0.6	11.6	31.0	24.1
02	36.5	-2.0	17.3	3.1	5.1	3.8	0.0	0.0	0.0	0.0	0.0	0.0	1056.9	1112.9	1196.9	1336.9	0.0	0.0	2.2	7.1	28.0	17.0
03	42.9	8.6	25.8	2.9	3.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0	906.7	968.7	1061.7	1216.7	0.0	0.0	8.0	2.7	31.0	7.2
04	49.8	19.8	34.8	3.8	3.6	3.4	0.0	0.0	0.0	0.0	0.0	0.0	605.9	665.9	755.9	905.9	0.0	0.0	16.9	1.2	29.9	0.8
05	59.9	29.5	44.7	3.3	1.6	2.3	1.7	0.6	0.0	0.0	0.0	0.0	321.0	381.9	474.4	629.3	0.0	0.0	27.3	0.2	26.1	0.0
06	70.8	36.1	53.4	3.3	1.5	2.3	36.4	17.2	3.6	0.0	0.0	0.0	82.9	123.7	200.1	346.6	0.0	0.0	29.9	0.0	6.8	0.0
07	75.6	42.4	59.0	2.6	1.8	1.8	132.5	81.9	26.8	0.5	0.0	0.0	8.5	19.9	57.9	186.6	0.0	0.0	31.0	0.0	0.4	0.0
08	73.2	40.9	57.0	3.1	1.6	1.9	82.1	42.5	9.6	0.1	0.0	0.0	18.6	41.0	101.1	246.5	0.0	0.0	31.0	0.0	0.6	0.0
09	68.0	34.6	51.3	2.5	1.5	1.8	14.5	4.9	0.4	0.0	0.0	0.0	125.5	175.9	261.4	411.0	0.0	0.0	29.7	0.0	12.5	0.0
10	57.6	25.4	41.5	4.0	2.1	2.7	0.4	0.1	0.0	0.0	0.0	0.0	418.9	480.6	573.6	728.6	0.0	0.0	24.9	0.4	29.0	0.1
11	43.9	11.8	27.9	5.0	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	814.5	874.5	964.5	1114.5	0.0	0.0	10.9	3.4	30.0	4.5
12	33.8	-2.9	15.4	3.4	4.5	3.6	0.0	0.0	0.0	0.0	0.0	0.0	1225.9	1287.9	1380.9	1535.9	0.0	0.0	0.9	12.2	31.0	20.0
Summary	53.9	20.0	36.9	3.3	2.9	2.8	268	147	40	1	0	0	6819	7429	8417	10202	0.0	0.0	213.3	38.8	256.3	73.7

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	1.22	3.8	3.1	0.9	0.3	0.41	0.76	1.89
02	1.36	4.9	4.0	0.8	0.1	0.87	1.20	1.78
03	1.37	5.1	3.8	0.7	0.3	0.44	1.06	1.87
04	1.33	6.4	4.8	0.7	0.1	0.54	1.11	1.65
05	1.12	5.7	3.6	0.5	0.0	0.46	1.23	1.41
06	0.84	4.2	2.9	0.5	0.0	0.24	0.55	1.08
07	2.21	11.0	7.2	1.1	0.0	1.47	2.16	2.81
08	2.93	13.1	9.3	1.5	0.1	1.77	2.65	3.78
09	2.49	9.0	6.8	1.7	0.4	1.31	2.40	3.13
10	2.20	6.1	5.1	1.9	0.5	0.69	1.97	3.18
11	1.38	4.3	3.2	0.9	0.1	0.59	1.03	2.17
12	1.15	3.7	2.7	0.8	0.0	0.44	1.09	1.76
Summary	19.60	77.3	56.5	12.0	1.9	9.23	17.21	26.51

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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	19.30	3.3	3.3	2.1	1.3	0.5	26.0	23.3	19.5	13.7	3.00	17.00	29.50
02	18.80	4.8	4.8	2.9	1.4	0.6	21.6	18.9	17.4	12.4	13.00	18.50	25.00
03	15.30	3.8	3.8	2.2	1.0	0.3	18.0	15.3	13.3	8.9	6.00	9.00	17.40
04	14.50	5.3	5.2	1.8	0.6	0.2	10.1	6.9	5.2	3.7	5.00	11.00	20.00
05	3.70	1.3	1.2	0.4	0.2	0.0	1.5	0.5	0.3	0.0	0.00	1.00	6.90
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	0.20	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	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
10	7.70	2.2	2.1	1.0	0.6	0.1	3.0	1.7	1.1	0.5	0.00	4.50	12.80
11	15.10	3.5	3.3	1.9	1.2	0.2	14.9	11.7	8.0	4.5	7.50	12.50	22.30
12	12.60	3.3	3.1	1.8	1.2	0.1	20.5	16.6	14.7	9.2	7.50	10.50	17.40
Summary	107.7	27.6	26.9	14.2	7.5	2.0	115.7	95.0	79.5	52.9	42.0	84.0	151.3

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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	0.0	0.0	2.0	28.1	177.6	403.7	588.8	528.5	340.8	114.5	8.8	0.0
45	0.0	0.0	0.1	3.6	71.1	257.6	433.9	373.7	199.7	36.7	0.5	0.0
50	0.0	0.0	0.0	0.0	15.4	127.8	279.6	220.5	80.4	5.6	0.0	0.0
55	0.0	0.0	0.0	0.0	1.7	36.4	132.5	82.1	14.5	0.4	0.0	0.0
60	0.0	0.0	0.0	0.0	0.0	3.6	26.8	9.6	0.4	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.2	1.4	13.9	58.2	166.6	312.7	396.8	359.9	270.9	142.7	31.8	0.7

Growing Degree Units (Accumulated Monthly)												
40	0	0	2	30	208	611	1200	1729	2070	2184	2193	2193
45	0	0	0	4	75	332	766	1140	1340	1376	1377	1377
50	0	0	0	0	15	143	423	643	724	729	729	729
55	0	0	0	0	2	38	171	253	267	268	268	268
60	0	0	0	0	0	4	30	40	40	40	40	40
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	2	16	74	240	553	950	1310	1581	1723	1755	1756

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