

Summary of Monthly Normals
1991-2020

Current Location: Elev: 9060 ft. Lat: 38.8417° N Lon: 104.9742° W
Station: RUXTON PARK, CO US USC00057309
Generated on 06/05/2024

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	38.7	12.6	25.7	3.4	3.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0	909.8	971.8	1064.8	1219.8	0.0	0.0	2.7	9.9	30.8	6.8
02	39.4	13.6	26.5	3.9	3.6	3.4	0.0	0.0	0.0	0.0	0.0	0.0	797.9	853.9	937.9	1077.9	0.0	0.0	3.3	8.7	27.5	5.6
03	45.1	19.9	32.5	3.1	3.4	3.0	0.0	0.0	0.0	0.0	0.0	0.0	697.5	759.5	852.5	1007.5	0.0	0.0	8.5	4.2	30.0	2.4
04	50.5	25.6	38.0	3.6	2.6	2.9	0.5	0.2	0.0	0.0	0.0	0.0	509.0	568.7	658.5	808.5	0.0	0.0	14.7	2.1	28.0	0.4
05	59.4	32.9	46.2	4.1	2.0	2.8	11.5	5.8	1.9	0.1	0.0	0.0	285.8	342.2	431.3	584.4	0.0	0.0	24.3	0.3	19.9	0.0
06	70.5	42.1	56.3	3.1	2.8	2.7	101.3	68.9	33.5	6.2	0.7	0.2	62.4	90.0	144.6	267.3	0.0	0.0	29.1	0.0	5.8	0.0
07	74.0	46.5	60.3	2.5	1.8	1.5	175.9	126.0	64.1	9.2	0.4	0.1	13.2	25.3	56.4	156.5	0.0	0.0	31.0	0.0	1.4	0.0
08	71.5	44.6	58.1	2.9	1.3	1.7	117.1	74.1	29.2	2.2	0.0	0.0	22.6	41.6	89.7	217.7	0.0	0.0	30.8	0.0	1.0	0.0
09	65.9	39.1	52.5	3.6	2.4	2.7	49.6	28.9	9.6	0.5	0.0	0.0	124.7	164.0	234.6	375.5	0.0	0.0	28.5	0.1	10.9	0.0
10	55.7	29.8	42.7	3.3	2.2	2.6	3.2	1.3	0.3	0.0	0.0	0.0	383.0	443.1	535.0	689.8	0.0	0.0	21.6	1.0	25.1	0.4
11	46.0	19.5	32.8	4.2	3.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	667.5	727.5	817.5	967.5	0.0	0.0	10.4	4.2	28.9	2.2
12	38.9	13.0	26.0	2.8	2.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	900.5	962.5	1055.5	1210.5	0.0	0.0	2.8	9.5	30.7	6.4
Summary	54.6	28.3	41.5	3.4	2.6	2.7	459	305	139	18	1	0	5374	5950	6878	8583	0.0	0.0	207.7	40.0	240.0	24.2

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	0.74	4.8	2.6	0.2	0.0	0.40	0.61	1.07	
02	0.97	5.5	3.4	0.4	0.0	0.39	0.65	1.60	
03	1.88	6.7	4.7	0.8	0.2	0.87	1.38	2.54	
04	3.13	8.5	6.0	1.9	0.7	1.41	2.41	4.29	
05	2.55	10.3	6.3	1.4	0.4	1.37	2.14	3.58	
06	2.11	10.6	5.2	1.0	0.3	1.02	1.94	2.46	
07	3.89	16.2	9.8	2.1	0.5	2.48	4.00	5.44	
08	3.94	16.8	9.9	2.3	0.4	2.73	4.15	4.79	
09	1.93	8.8	4.7	1.1	0.2	1.15	1.70	2.39	
10	1.19	5.8	3.3	0.5	0.0	0.68	0.94	1.63	
11	0.85	5.3	2.9	0.3	0.1	0.40	0.68	1.08	
12	0.76	5.2	2.5	0.2	0.1	0.37	0.67	0.97	
Summary	23.94	104.5	61.3	12.2	2.9	13.27	21.27	31.84	

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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	12.50	5.1	4.4	1.8	0.5	0.1	27.2	22.2	16.8	5.0	8.50	12.00	15.20
02	13.60	5.5	4.8	1.9	0.8	0.2	20.5	16.2	12.4	8.1	6.50	9.10	15.00
03	26.20	7.1	6.4	3.6	1.7	0.5	21.2	15.8	12.6	9.2	13.30	20.60	34.20
04	32.30	7.1	6.3	3.6	2.2	0.7	15.9	12.1	9.5	6.2	14.20	25.40	43.80
05	9.60	3.1	2.4	1.0	0.6	0.2	4.8	3.8	3.0	1.6	0.70	3.70	12.30
06	0.40	0.3	0.3	0.0	0.0	0.0	0.2	0.1	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	1.80	0.6	0.4	0.3	0.1	0.0	0.2	0.1	0.1	0.0	0.00	0.00	3.00
10	10.40	3.1	2.6	1.2	0.7	0.1	2.6	1.5	1.0	0.1	3.00	5.50	15.60
11	12.60	4.6	3.7	1.2	0.6	0.2	13.4	9.8	7.2	3.1	4.60	9.20	14.70
12	14.10	5.4	3.9	1.5	0.7	0.2	23.4	20.4	14.0	5.1	7.60	11.80	13.40
Summary	133.5	41.9	35.2	16.1	7.9	2.2	129.4	102.0	76.6	38.4	58.4	97.3	167.2

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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	3.3	6.5	27.9	74.4	225.0	489.6	627.5	559.5	380.8	153.5	31.4	4.4
45	0.2	1.2	6.9	24.7	118.7	344.4	472.7	405.3	243.8	68.0	7.9	0.7
50	0.0	0.2	1.1	5.6	46.7	210.2	319.5	253.1	129.3	19.7	1.0	0.1
55	0.0	0.0	0.0	0.5	11.5	101.3	175.9	117.1	49.6	3.2	0.0	0.0
60	0.0	0.0	0.0	0.0	1.9	33.5	64.1	29.2	9.6	0.3	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	6.1	7.5	27.2	64.1	163.0	312.2	381.5	338.2	243.8	119.9	36.4	6.9

Growing Degree Units (Accumulated Monthly)												
40	3	10	38	112	337	827	1454	2014	2394	2548	2579	2584
45	0	1	8	33	152	496	969	1374	1618	1686	1694	1694
50	0	0	1	7	54	264	583	836	966	985	986	987
55	0	0	0	0	12	113	289	406	456	459	459	459
60	0	0	0	0	2	35	100	129	138	139	139	139
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	6	14	41	105	268	580	962	1300	1544	1664	1700	1707

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

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