

Summary of Monthly Normals
1991-2020

Current Location: Elev: 4680 ft. Lat: 41.9064° N Lon: 111.8100° W
Station: RICHMOND, UT US USC00427271
Generated on 05/22/2024

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	30.7	16.7	23.7	5.4	6.4	5.9	0.0	0.0	0.0	0.0	0.0	0.0	970.2	1032.2	1125.2	1280.2	0.0	0.0	0.5	13.9	29.6	3.5
02	36.5	20.2	28.3	4.7	5.1	4.8	0.0	0.0	0.0	0.0	0.0	0.0	746.1	802.1	886.0	1026.1	0.0	0.0	3.1	7.3	25.5	1.3
03	48.8	28.9	38.9	4.1	2.6	3.2	0.8	0.4	0.1	0.0	0.0	0.0	501.6	563.2	655.9	810.8	0.0	0.0	16.8	0.8	21.8	0.1
04	57.5	34.4	46.0	3.5	2.0	2.5	9.7	5.2	1.8	0.1	0.0	0.0	281.1	336.6	423.2	571.5	0.0	0.0	25.3	0.0	12.5	0.0
05	67.6	41.6	54.6	3.9	1.8	2.7	88.1	61.3	30.9	6.0	0.7	0.4	100.5	135.7	198.3	328.4	0.0	0.2	30.2	0.0	3.3	0.0
06	78.6	48.7	63.7	4.5	1.8	3.0	274.9	223.9	155.3	66.7	16.8	7.8	15.4	24.4	45.7	107.2	0.1	4.6	30.0	0.0	0.2	0.0
07	89.3	56.2	72.7	3.6	3.2	3.3	550.3	488.4	396.5	248.4	116.5	74.8	0.3	0.5	1.6	8.4	1.5	20.3	31.0	0.0	0.0	0.0
08	87.4	55.2	71.3	2.3	2.1	2.0	505.7	444.3	353.2	207.8	85.1	50.3	0.5	1.2	3.1	12.6	0.5	16.7	31.0	0.0	0.0	0.0
09	76.9	46.7	61.8	2.9	2.3	2.2	232.0	184.9	121.9	43.6	7.2	2.7	28.1	40.9	67.9	139.7	0.0	2.0	29.9	0.0	0.9	0.0
10	61.2	36.4	48.8	3.6	2.8	2.9	31.4	19.4	7.3	0.7	0.0	0.0	223.6	273.5	354.5	502.8	0.0	0.0	27.7	0.1	9.7	0.0
11	45.0	26.6	35.8	5.3	3.5	4.2	0.4	0.1	0.0	0.0	0.0	0.0	576.4	636.1	726.0	876.0	0.0	0.0	12.0	2.6	23.0	0.5
12	31.8	17.9	24.9	3.9	4.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	934.4	996.4	1089.3	1244.4	0.0	0.0	1.7	13.9	28.9	1.7
Summary	59.3	35.8	47.5	4.0	3.1	3.4	1693	1428	1067	573	226	136	4378	4843	5577	6908	2.1	43.8	239.2	38.6	155.4	7.1

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	1.94	11.5	5.5	0.9	0.2	0.92	1.73	2.62
02	1.82	10.4	5.0	0.9	0.1	1.02	1.76	2.50
03	2.12	10.5	6.0	1.1	0.1	1.36	1.90	2.67
04	2.46	10.9	6.8	1.5	0.2	1.66	2.19	2.73
05	2.55	11.3	6.2	1.7	0.2	1.55	2.39	3.25
06	1.40	5.8	2.9	0.8	0.2	0.41	1.18	1.83
07	0.57	3.9	1.7	0.2	0.0	0.17	0.37	0.79
08	0.76	4.9	1.9	0.3	0.1	0.18	0.54	0.94
09	1.45	5.9	3.3	0.9	0.3	0.57	1.11	2.11
10	1.80	7.7	4.5	1.1	0.3	1.01	1.84	2.25
11	1.51	9.1	4.6	0.6	0.1	1.05	1.38	1.93
12	1.87	12.0	5.7	0.8	0.0	1.08	1.54	2.58
Summary	20.25	103.9	54.1	10.8	1.8	10.98	17.93	26.20

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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	12.90	5.7	5.6	1.6	0.5	0.1	23.8	21.1	17.8	7.3	9.90	11.50	18.20
02	12.70	4.7	4.5	1.8	0.8	0.1	19.3	17.4	14.3	6.8	8.00	14.00	17.00
03	8.90	3.5	3.4	1.5	0.4	0.0	6.4	4.6	3.1	1.3	4.00	7.00	13.20
04	4.00	1.5	1.5	0.6	0.2	0.0	0.6	0.1	0.1	0.0	1.00	3.00	5.40
05	0.50	0.3	0.3	0.0	0.0	0.0	0.0	0.0	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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	1.30	0.4	0.4	0.2	0.1	0.0	0.3	0.2	0.0	0.0	0.00	0.00	1.00
11	6.60	2.8	2.8	0.9	0.2	0.0	4.7	2.6	1.1	0.3	2.00	3.00	9.80
12	15.40	5.5	5.5	2.0	0.7	0.1	20.4	14.0	9.2	1.6	10.00	13.00	20.30
Summary	62.3	24.4	24.0	8.6	2.9	0.3	75.5	60.0	45.6	17.3	34.9	51.5	84.9

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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	2.1	8.5	78.8	202.2	454.3	709.5	1015.1	970.3	654.2	293.7	56.6	4.2
45	0.3	1.1	26.9	100.9	307.9	559.9	860.0	815.2	506.0	171.8	18.9	0.4
50	0.0	0.0	5.6	37.7	180.5	412.8	705.1	660.2	363.3	81.8	3.9	0.0
55	0.0	0.0	0.8	9.7	88.1	274.9	550.3	505.7	232.0	31.4	0.4	0.0
60	0.0	0.0	0.1	1.8	30.9	155.3	396.5	353.2	121.9	7.3	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.4	4.2	52.1	130.0	278.3	446.9	643.4	621.1	422.3	189.1	35.1	1.1

Growing Degree Units (Accumulated Monthly)												
40	2	11	89	292	746	1455	2470	3441	4095	4389	4445	4450
45	0	1	28	129	437	997	1857	2672	3178	3350	3369	3369
50	0	0	6	43	224	637	1342	2002	2365	2447	2451	2451
55	0	0	1	10	99	374	924	1430	1662	1693	1693	1693
60	0	0	0	2	33	188	585	938	1060	1067	1067	1067
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	5	57	187	465	912	1555	2176	2599	2788	2823	2824

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