

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 3560 ft. Lat: 43.4378° N Lon: 103.4739° W

Station: **HOT SPRINGS, SD US USC00394007**

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	40.4	14.1	27.3	4.3	3.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	860.3	922.3	1015.3	1170.3	0.0	0.0	7.8	7.1	30.0	4.8
02	43.3	15.4	29.3	6.7	5.8	6.2	0.2	0.1	0.0	0.0	0.0	0.0	718.2	774.0	857.9	998.0	0.0	0.0	9.7	5.5	26.7	3.5
03	54.1	23.6	38.8	5.9	3.6	4.6	4.9	2.3	0.6	0.0	0.0	0.0	505.7	565.1	656.5	810.8	0.0	0.0	20.9	2.3	26.1	0.9
04	61.6	31.2	46.4	3.7	2.9	3.0	20.4	11.7	4.2	0.9	0.2	0.0	278.4	329.6	412.1	558.8	0.0	0.1	24.9	0.5	16.6	0.1
05	70.2	41.4	55.8	4.4	2.0	2.9	119.1	87.8	50.9	14.3	2.0	0.5	94.3	125.0	181.2	299.5	0.0	1.0	29.8	0.0	4.8	0.0
06	80.6	50.8	65.7	4.4	2.4	3.1	328.2	273.3	197.1	94.9	32.3	18.9	7.2	12.4	26.2	74.0	0.5	4.9	30.0	0.0	0.1	0.0
07	88.5	57.4	72.9	4.5	2.4	3.3	556.2	494.4	402.3	255.0	129.7	89.9	0.0	0.2	1.1	8.6	2.3	15.3	31.0	0.0	0.0	0.0
08	87.4	55.2	71.3	3.1	2.3	2.4	506.1	445.1	355.0	212.6	95.3	61.0	1.0	1.9	4.8	17.4	0.9	13.5	31.0	0.0	0.0	0.0
09	79.7	45.4	62.5	3.3	2.8	2.7	253.8	207.0	144.2	64.2	19.8	10.5	27.5	40.7	67.9	137.8	0.1	5.7	29.7	0.0	1.8	0.0
10	64.7	33.3	49.0	4.8	2.8	3.5	42.6	27.3	12.9	2.2	0.1	0.0	228.6	275.3	353.8	498.2	0.0	0.2	27.1	0.8	13.5	0.1
11	50.5	22.7	36.6	6.0	3.1	4.3	1.7	0.8	0.2	0.0	0.0	0.0	553.6	612.8	702.2	852.0	0.0	0.0	16.9	3.0	26.0	0.8
12	40.5	14.8	27.6	4.9	4.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	847.5	909.5	1002.4	1157.6	0.0	0.0	7.8	6.9	30.1	3.5
Summary	63.5	33.8	48.6	4.7	3.2	3.7	1833	1550	1167	644	279	181	4122	4569	5281	6583	3.8	40.7	266.6	26.1	175.7	13.7

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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	0.41	4.1	1.7	0.1	0.0	0.24	0.37	0.58
02	0.57	5.2	2.0	0.2	0.0	0.35	0.57	0.78
03	1.05	5.9	2.9	0.6	0.1	0.67	0.95	1.32
04	2.12	8.3	4.7	1.5	0.3	1.10	1.75	2.74
05	3.28	10.6	6.6	2.2	0.9	1.86	3.05	4.56
06	3.05	9.6	5.9	2.4	0.6	1.61	3.05	4.39
07	2.41	8.2	5.0	1.5	0.6	1.44	1.85	3.25
08	2.00	7.0	4.3	1.0	0.4	1.11	1.46	2.66
09	1.40	5.4	3.2	0.9	0.3	0.64	1.33	1.93
10	1.40	6.1	3.2	1.0	0.2	0.74	1.11	1.52
11	0.43	3.6	1.6	0.1	0.0	0.16	0.41	0.66
12	0.49	4.0	1.6	0.1	0.0	0.19	0.43	0.72
Summary	18.61	78.0	42.7	11.6	3.4	10.11	16.33	25.11

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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	5.20	2.9	2.2	0.5	0.2	0.0	12.2	5.3	2.2	0.3	2.00	4.00	7.60
02	6.30	3.7	2.6	0.8	0.2	0.0	9.3	5.0	2.1	0.1	2.40	5.10	8.60
03	5.60	2.3	2.1	1.0	0.4	0.0	4.9	2.7	1.9	0.2	2.10	5.10	9.20
04	4.70	1.5	1.4	0.7	0.2	0.0	1.8	0.8	0.3	0.1	0.00	2.00	6.00
05	0.40	0.1	0.1	0.1	0.1	0.0	0.1	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	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	1.70	0.6	0.6	0.2	0.0	0.0	1.0	0.4	0.3	0.0	0.00	0.00	2.50
11	2.50	1.4	1.2	0.6	0.2	0.0	4.4	2.0	0.8	0.0	0.00	1.00	3.00
12	5.50	3.1	2.4	0.8	0.3	0.0	10.3	5.8	2.3	0.2	1.00	4.30	9.40
Summary	32.0	15.6	12.6	4.7	1.6	0.0	44.0	22.0	9.9	0.9	7.5	21.5	46.3

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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	10.1	25.2	114.9	232.2	493.0	770.9	1021.0	970.1	676.6	313.2	78.9	11.8
45	1.9	7.6	51.8	128.9	348.5	621.3	866.0	815.1	529.2	193.7	32.1	1.9
50	0.1	1.5	19.5	59.3	220.7	472.6	711.2	660.3	385.8	102.3	9.7	0.1
55	0.0	0.2	4.9	20.4	119.1	328.2	556.2	506.1	253.8	42.6	1.7	0.0
60	0.0	0.0	0.6	4.2	50.9	197.1	402.3	355.0	144.2	12.9	0.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	16.3	35.2	124.0	194.8	321.3	483.5	646.4	612.3	444.2	244.6	83.3	18.6

Growing Degree Units (Accumulated Monthly)												
40	10	35	150	382	875	1646	2667	3637	4314	4627	4706	4718
45	2	10	61	190	539	1160	2026	2841	3370	3564	3596	3598
50	0	2	21	80	301	774	1485	2145	2531	2633	2643	2643
55	0	0	5	26	145	473	1029	1535	1789	1831	1833	1833
60	0	0	1	5	56	253	655	1010	1154	1167	1167	1167
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	16	52	176	370	692	1175	1822	2434	2878	3123	3206	3224

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

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