

Summary of Monthly Normals
1991-2020

Current Location: Elev: 1276 ft. Lat: 43.0428° N Lon: 96.9033° W
Station: **CENTERVILLE 6 SE, SD US USC00391579**
Generated on 04/27/2024

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	26.9	6.8	16.9	5.7	5.7	5.5	0.0	0.0	0.0	0.0	0.0	0.0	1182.4	1244.4	1337.3	1492.4	0.0	0.0	1.5	19.4	30.8	10.2
02	31.9	11.0	21.4	7.5	7.4	7.2	0.1	0.0	0.0	0.0	0.0	0.0	939.3	995.3	1079.2	1219.2	0.0	0.0	3.1	14.6	27.4	6.3
03	44.9	22.9	33.9	6.4	5.0	5.4	5.6	3.6	1.8	0.5	0.0	0.0	659.8	719.8	811.0	964.7	0.0	0.0	11.4	6.0	24.8	1.6
04	58.5	34.0	46.3	4.7	3.8	4.0	35.0	24.6	14.1	4.4	0.9	0.4	297.5	347.1	426.6	566.9	0.0	0.2	22.4	0.8	12.4	0.1
05	70.2	46.8	58.5	3.6	2.9	3.0	178.6	142.2	96.2	43.5	13.8	7.2	70.2	95.7	142.8	245.0	0.0	1.0	30.0	0.0	1.2	0.0
06	80.4	58.1	69.3	3.1	2.6	2.7	429.9	372.3	289.4	166.3	74.6	49.4	2.6	5.0	12.1	39.0	0.0	4.0	30.0	0.0	0.0	0.0
07	84.4	61.7	73.0	3.8	3.0	3.2	559.4	497.6	405.8	258.7	132.9	93.5	0.0	0.2	1.4	9.3	0.4	6.8	31.0	0.0	0.0	0.0
08	81.9	59.1	70.5	2.6	2.3	2.2	480.9	419.6	329.4	190.4	83.2	53.3	0.5	1.2	4.0	20.0	0.2	3.8	31.0	0.0	0.0	0.0
09	75.4	49.6	62.5	3.6	3.7	3.2	256.8	211.6	151.8	74.5	27.0	15.6	32.0	46.8	77.0	149.7	0.0	1.8	29.8	0.0	1.2	0.0
10	61.5	36.1	48.8	4.2	2.9	3.3	52.5	37.4	21.2	6.8	1.4	0.5	244.7	291.6	368.4	509.0	0.0	0.2	25.6	0.3	10.5	0.0
11	45.1	22.7	33.9	6.8	4.4	5.4	3.4	1.7	0.5	0.0	0.0	0.0	636.4	694.7	783.5	933.0	0.0	0.0	11.6	6.3	24.8	0.8
12	31.3	12.0	21.6	5.9	5.2	5.3	0.0	0.0	0.0	0.0	0.0	0.0	1033.6	1095.6	1188.6	1343.6	0.0	0.0	2.3	15.6	30.6	5.2
Summary	57.7	35.1	46.4	4.8	4.1	4.2	2002	1711	1310	745	334	220	5099	5537	6232	7492	0.6	17.8	229.7	63.0	163.7	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	0.44	5.3	1.3	0.1	0.0	0.27	0.39	0.53	
02	0.63	5.2	1.9	0.2	0.0	0.32	0.57	0.86	
03	1.38	6.3	3.5	0.6	0.2	0.71	1.15	1.79	
04	2.69	9.7	5.6	1.8	0.5	1.91	2.60	3.43	
05	3.87	12.6	7.9	2.7	0.6	2.38	3.69	5.21	
06	4.29	11.2	7.4	2.7	1.1	2.19	3.70	5.41	
07	3.05	8.3	4.5	2.0	1.0	1.12	2.96	4.34	
08	3.20	9.6	5.7	2.2	0.8	1.78	3.10	3.90	
09	3.12	8.1	4.6	1.9	0.7	1.19	2.51	4.10	
10	2.32	7.5	4.4	1.5	0.5	0.92	1.51	3.80	
11	1.23	4.9	2.6	0.7	0.2	0.28	0.92	1.78	
12	0.66	5.2	2.2	0.3	0.0	0.23	0.43	1.20	
Summary	26.88	93.9	51.6	16.7	5.6	13.30	23.53	36.35	

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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	5.20	4.8	2.2	0.5	0.2	0.0	19.7	11.8	7.1	2.1	1.80	5.20	7.10
02	6.00	4.2	2.5	0.6	0.3	0.1	15.0	11.0	8.5	2.3	2.50	4.50	7.80
03	4.50	2.8	2.0	0.7	0.1	0.0	9.3	5.5	3.2	0.4	1.50	4.30	6.00
04	2.90	1.6	1.2	0.3	0.2	0.0	1.6	0.6	0.3	0.0	0.00	1.80	3.10
05	0.10	0.1	0.1	0.0	0.0	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	0.00	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	0.70	0.5	0.4	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.00	0.00	0.00
11	5.00	2.4	1.5	0.5	0.3	0.0	4.6	2.3	1.5	0.1	0.70	4.00	7.40
12	6.10	4.3	2.5	0.7	0.2	0.0	17.4	9.2	4.2	0.6	2.20	5.10	8.70
Summary	30.5	20.7	12.4	3.3	1.3	0.1	68.2	40.5	24.8	5.5	8.7	24.9	40.1

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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	1.2	8.9	74.9	243.9	574.6	877.3	1024.4	945.4	675.4	310.1	65.6	3.3
45	0.1	2.9	37.2	147.4	426.6	727.3	869.4	790.4	527.6	197.1	31.8	0.7
50	0.0	0.7	15.9	78.1	291.6	577.7	714.4	635.4	385.4	110.7	12.3	0.0
55	0.0	0.1	5.6	35.0	178.6	429.9	559.4	480.9	256.8	52.5	3.4	0.0
60	0.0	0.0	1.8	14.1	96.2	289.4	405.8	329.4	151.8	21.2	0.5	0.0
Growing Degree Units for Corn (Monthly)												
50/86	2.9	9.9	60.7	164.5	344.7	567.7	686.8	624.9	428.3	205.0	53.8	4.8

Growing Degree Units (Accumulated Monthly)												
40	1	10	85	329	904	1781	2805	3751	4426	4736	4802	4805
45	0	3	40	188	614	1342	2211	3001	3529	3726	3758	3758
50	0	1	17	95	386	964	1678	2314	2699	2810	2822	2822
55	0	0	6	41	219	649	1209	1690	1946	1999	2002	2002
60	0	0	2	16	112	402	807	1137	1288	1310	1310	1310
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	3	13	74	238	583	1150	1837	2462	2890	3095	3149	3154

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