

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 1316 ft. Lat: 43.3111° N Lon: 96.5878° W
Station: CANTON, SD US USC00391392

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	25.3	5.8	15.5	5.5	5.8	5.4	0.0	0.0	0.0	0.0	0.0	0.0	1222.7	1284.7	1377.7	1532.7	0.0	0.0	0.7	20.1	30.9	10.3
02	30.6	10.5	20.5	7.7	7.6	7.4	0.1	0.0	0.0	0.0	0.0	0.0	964.5	1020.5	1104.4	1244.4	0.0	0.0	3.0	14.8	27.0	6.7
03	43.7	22.0	32.8	6.7	5.2	5.7	5.2	3.3	1.5	0.5	0.1	0.0	691.9	752.0	843.2	997.1	0.0	0.0	11.4	5.7	24.2	1.7
04	57.8	34.3	46.1	4.6	3.8	4.1	32.5	22.7	13.2	4.5	1.0	0.5	301.0	351.2	431.7	573.0	0.0	0.3	22.6	0.9	12.2	0.0
05	69.8	46.7	58.3	3.6	3.1	3.1	172.8	136.1	90.8	39.8	12.6	6.7	72.0	97.4	145.2	249.1	0.0	1.2	30.4	0.0	1.1	0.0
06	79.8	58.2	69.0	3.0	2.4	2.5	422.4	364.8	281.4	157.7	66.6	42.8	2.6	5.0	11.6	37.9	0.1	4.1	30.0	0.0	0.0	0.0
07	83.3	61.8	72.5	4.2	3.0	3.3	543.9	482.0	390.1	242.9	119.8	82.3	0.0	0.1	1.1	8.9	0.2	5.7	31.0	0.0	0.0	0.0
08	80.2	59.0	69.6	2.9	2.5	2.5	452.8	391.4	301.2	165.1	65.6	40.0	0.3	0.9	3.7	22.6	0.2	2.9	31.0	0.0	0.0	0.0
09	73.6	50.3	62.0	3.2	3.2	2.9	240.1	195.7	136.7	63.4	21.1	11.8	31.8	47.4	78.3	155.1	0.0	1.0	29.8	0.0	0.8	0.0
10	60.0	36.4	48.2	4.1	2.8	3.1	47.2	33.4	17.9	5.5	0.9	0.3	258.0	306.2	383.7	526.4	0.0	0.2	25.5	0.4	9.6	0.0
11	43.5	23.0	33.3	6.6	4.5	5.4	2.1	0.9	0.3	0.0	0.0	0.0	654.6	713.3	802.8	952.5	0.0	0.0	10.5	6.3	23.6	0.7
12	29.4	11.3	20.3	6.0	5.4	5.5	0.0	0.0	0.0	0.0	0.0	0.0	1073.9	1135.9	1228.9	1383.9	0.0	0.0	1.7	16.7	30.2	5.8
Summary	56.4	34.9	45.7	4.8	4.1	4.2	1919	1630	1233	679	288	184	5273	5715	6412	7684	0.5	15.4	227.6	64.9	159.6	25.2

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	0.56	5.3	1.7	0.2	0.0	0.38	0.46	0.66	
02	0.75	5.3	2.5	0.2	0.0	0.40	0.57	1.10	
03	1.31	5.9	3.3	0.8	0.3	0.61	1.05	2.01	
04	2.88	8.8	5.8	1.9	0.5	2.06	2.69	3.66	
05	4.08	12.4	7.5	2.8	0.8	2.53	3.68	5.09	
06	4.66	10.5	6.9	2.9	1.2	2.65	3.56	5.39	
07	3.55	8.5	5.6	2.3	0.9	2.09	3.10	4.70	
08	2.99	8.8	5.7	1.9	0.8	1.42	2.57	4.10	
09	2.90	7.8	4.7	1.6	0.4	1.95	2.26	4.04	
10	2.21	7.7	4.6	1.4	0.7	0.94	1.64	2.89	
11	1.15	5.2	2.7	0.6	0.2	0.37	0.79	1.64	
12	0.77	5.4	2.1	0.4	0.0	0.21	0.67	1.26	
Summary	27.81	91.6	53.1	17.0	5.8	15.61	23.04	36.54	

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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Station: **CANTON, SD US USC00391392**

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1991-2020
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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	7.00	4.4	2.9	0.7	0.3	0.0	23.5	17.2	11.5	3.9	3.70	6.80	9.90
02	8.50	4.2	2.9	1.1	0.4	0.0	17.1	13.6	9.5	6.0	2.40	7.00	13.00
03	4.70	2.7	1.7	0.5	0.2	0.0	10.5	6.1	3.9	1.7	0.70	4.90	6.90
04	2.80	1.3	0.9	0.6	0.2	0.0	1.9	1.0	0.3	0.0	0.00	0.00	4.10
05	0.10	0.1	0.0	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	0.80	0.6	0.4	0.1	0.0	0.0	0.6	0.1	0.0	0.0	0.00	0.00	1.50
11	4.80	2.0	1.4	0.6	0.3	0.1	5.0	3.0	2.0	0.3	0.10	3.70	7.90
12	7.40	4.5	2.7	0.9	0.4	0.0	17.7	10.5	5.7	2.4	3.50	6.30	10.20
Summary	36.1	19.8	12.9	4.5	1.8	0.1	76.4	51.5	32.9	14.3	10.4	28.7	53.5

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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	0.5	8.0	67.4	236.5	567.2	869.7	1008.8	917.4	658.6	294.0	59.0	2.6
45	0.0	2.8	33.3	139.7	418.9	719.8	853.9	762.5	510.4	184.3	26.4	0.5
50	0.0	0.7	14.3	72.9	284.2	570.2	699.0	607.5	368.0	101.0	9.4	0.0
55	0.0	0.1	5.2	32.5	172.8	422.4	543.9	452.8	240.1	47.2	2.1	0.0
60	0.0	0.0	1.5	13.2	90.8	281.4	390.1	301.2	136.7	17.9	0.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.4	7.6	54.0	155.5	341.6	565.1	680.5	604.2	408.8	186.7	43.7	2.6

Growing Degree Units (Accumulated Monthly)												
40	0	8	76	312	880	1749	2758	3676	4334	4628	4687	4690
45	0	3	36	176	595	1314	2168	2931	3441	3626	3652	3653
50	0	1	15	88	372	942	1641	2249	2617	2718	2727	2727
55	0	0	5	38	211	633	1177	1630	1870	1917	1919	1919
60	0	0	2	15	106	387	777	1078	1215	1233	1233	1233
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	9	63	218	560	1125	1806	2410	2819	3005	3049	3052

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

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