

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 1567 ft. Lat: 44.0517° N Lon: 96.5928° W
Station: **FLANDREAU, SD US USC00392984**

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	22.6	3.5	13.1	5.4	6.1	5.6	0.0	0.0	0.0	0.0	0.0	0.0	1300.2	1362.2	1455.2	1610.3	0.0	0.0	0.4	23.7	30.9	13.7
02	27.6	7.0	17.3	7.6	7.7	7.5	0.0	0.0	0.0	0.0	0.0	0.0	1055.4	1111.4	1195.4	1335.5	0.0	0.0	1.4	17.7	27.6	9.8
03	39.7	19.3	29.5	6.5	5.2	5.7	1.7	1.0	0.6	0.2	0.0	0.0	792.3	853.6	946.1	1100.7	0.0	0.0	7.4	9.7	27.3	3.5
04	54.4	31.4	42.9	5.2	3.6	4.2	18.1	11.8	5.5	1.0	0.1	0.0	381.2	434.8	518.6	664.0	0.0	0.0	18.9	1.9	16.3	0.0
05	67.0	44.7	55.8	3.8	2.8	3.1	131.5	101.3	64.8	25.7	6.8	3.4	105.3	137.0	193.5	309.4	0.0	0.6	28.8	0.0	2.4	0.0
06	76.8	56.1	66.4	2.7	2.4	2.4	349.5	294.3	216.6	108.7	40.8	24.8	6.1	10.9	23.2	65.3	0.0	1.8	30.0	0.0	0.0	0.0
07	81.3	59.9	70.6	3.5	2.6	2.9	483.7	422.3	331.8	191.6	84.0	54.6	0.2	0.8	3.3	18.1	0.1	3.7	31.0	0.0	0.0	0.0
08	79.0	57.2	68.1	2.6	2.3	2.3	407.4	347.2	260.7	134.6	47.9	27.6	1.4	3.2	9.7	38.5	0.0	1.9	31.0	0.0	0.0	0.0
09	72.3	47.8	60.0	3.4	3.3	3.0	199.8	159.5	107.8	47.0	14.0	7.1	48.5	68.2	106.5	195.6	0.0	0.5	29.7	0.0	1.4	0.0
10	58.2	34.2	46.2	4.4	2.9	3.4	34.0	23.3	12.3	3.5	0.4	0.2	306.9	358.2	440.1	586.3	0.0	0.0	22.9	0.9	13.9	0.0
11	41.4	21.1	31.2	6.8	4.6	5.6	1.1	0.5	0.2	0.0	0.0	0.0	713.6	773.0	862.6	1012.5	0.0	0.0	7.8	8.5	26.4	1.3
12	27.5	9.6	18.6	5.7	5.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	1129.8	1191.8	1284.8	1439.8	0.0	0.0	0.8	19.6	30.8	8.1
Summary	54.0	32.7	43.3	4.8	4.1	4.3	1627	1361	1000	512	194	118	5841	6305	7039	8376	0.1	8.5	210.1	82.0	177.0	36.4

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	0.54	5.4	1.8	0.0	0.0	0.32	0.48	0.66	
02	0.76	5.6	2.3	0.2	0.0	0.34	0.61	1.18	
03	1.32	5.9	3.5	0.7	0.2	0.50	1.09	2.00	
04	2.67	7.9	5.4	2.0	0.4	1.68	2.49	2.95	
05	4.12	10.0	7.6	2.5	0.8	2.45	3.01	5.18	
06	4.53	9.8	7.4	2.9	1.2	3.06	4.27	5.48	
07	3.81	7.5	5.6	2.7	1.2	1.73	2.94	5.99	
08	3.60	7.1	5.4	2.1	1.1	2.12	3.14	4.75	
09	3.07	6.3	4.6	2.0	0.8	1.43	2.24	3.80	
10	2.21	5.9	3.9	1.5	0.7	1.01	1.89	3.02	
11	1.01	4.5	2.4	0.5	0.1	0.46	0.66	1.62	
12	0.85	5.7	2.6	0.3	0.0	0.22	0.78	1.15	
Summary	28.49	81.6	52.5	17.4	6.5	15.32	23.60	37.78	

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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	5.80	4.9	2.3	0.7	0.2	0.0					3.20	5.70	7.30
02	8.20	5.0	2.7	0.8	0.3	0.0					4.20	5.80	12.10
03	6.20	3.1	1.8	0.9	0.4	0.0					1.20	4.50	10.40
04	4.80	2.0	1.3	0.7	0.3	0.0					0.00	2.60	7.60
05	0.10	0.1	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					0.00	0.00	0.00
07	0.00	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					0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
10	1.20	0.9	0.5	0.1	0.0	0.0					0.00	0.00	1.40
11	5.60	2.5	1.7	0.8	0.3	0.1					0.90	6.00	7.40
12	8.50	5.1	2.9	0.9	0.3	0.0					3.60	8.20	11.40
Summary	40.4	23.6	13.2	4.9	1.8	0.1	0.0	0.0	0.0	0.0	13.1	32.8	57.6

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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	0.2	4.0	39.9	175.0	495.2	793.2	948.3	870.9	602.1	248.2	44.1	1.4
45	0.0	1.0	17.7	96.4	353.1	643.2	793.3	715.9	455.8	148.2	18.5	0.2
50	0.0	0.1	6.3	46.4	229.1	494.1	638.4	561.2	318.6	76.3	5.5	0.0
55	0.0	0.0	1.7	18.1	131.5	349.5	483.7	407.4	199.8	34.0	1.1	0.0
60	0.0	0.0	0.6	5.5	64.8	216.6	331.8	260.7	107.8	12.3	0.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.8	4.5	34.2	120.1	289.9	495.6	625.4	561.8	371.6	165.4	36.1	1.7

Growing Degree Units (Accumulated Monthly)												
40	0	4	44	219	714	1508	2456	3327	3929	4177	4221	4222
45	0	1	19	115	468	1111	1905	2621	3076	3225	3243	3243
50	0	0	6	53	282	776	1414	1976	2294	2371	2376	2376
55	0	0	2	20	151	501	984	1392	1592	1626	1627	1627
60	0	0	1	6	71	288	619	880	988	1000	1000	1000
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	5	40	160	450	945	1570	2132	2504	2669	2705	2707

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