

Summary of Monthly Normals
1991-2020

Current Location: Elev: 2180 ft. Lat: 43.4989° N Lon: 100.4814° W
Station: **WOOD, SD US USC00399442**
Generated on 04/30/2024

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	33.9	11.1	22.5	5.5	4.4	4.8	0.0	0.0	0.0	0.0	0.0	0.0	1007.4	1069.4	1162.4	1317.4	0.0	0.0	4.7	13.5	30.0	7.4
02	37.5	13.2	25.4	8.1	6.9	7.3	0.6	0.2	0.0	0.0	0.0	0.0	830.6	886.2	970.0	1110.0	0.0	0.0	6.7	10.5	26.5	5.5
03	48.0	22.3	35.1	6.9	4.6	5.6	8.0	5.0	1.8	0.2	0.0	0.0	623.5	682.5	772.2	925.7	0.0	0.0	14.7	5.3	25.7	1.6
04	58.0	31.8	44.9	4.2	3.3	3.5	28.0	18.6	9.1	2.0	0.2	0.2	331.0	381.5	462.0	604.9	0.0	0.1	21.6	1.3	14.7	0.0
05	68.8	43.6	56.2	4.2	2.4	2.9	138.3	106.5	67.3	25.4	6.6	3.4	101.2	131.4	185.2	298.2	0.0	0.8	28.9	0.0	2.9	0.0
06	79.4	54.1	66.7	3.7	2.5	2.9	359.2	304.0	226.5	118.4	47.1	30.0	6.8	11.6	24.1	65.9	0.3	3.7	29.9	0.0	0.0	0.0
07	87.5	60.1	73.8	4.3	2.8	3.3	582.6	520.8	429.0	282.1	154.4	113.6	0.0	0.2	1.5	9.5	2.2	12.7	31.0	0.0	0.0	0.0
08	86.2	57.9	72.1	3.2	2.3	2.4	529.8	468.9	379.0	238.1	120.9	84.4	1.4	2.5	5.6	19.7	1.5	11.1	31.0	0.0	0.0	0.0
09	77.7	48.4	63.0	3.5	2.8	2.8	275.1	229.3	167.4	86.9	36.4	23.9	33.8	48.0	76.1	145.6	0.4	4.9	29.7	0.0	0.9	0.0
10	62.3	34.9	48.6	5.1	3.2	3.9	57.0	40.9	23.2	7.0	1.1	0.4	255.3	301.2	376.5	515.3	0.0	0.6	25.2	0.8	11.3	0.0
11	48.0	23.1	35.5	6.7	4.0	5.2	6.2	3.6	1.2	0.1	0.0	0.0	589.7	647.1	734.7	883.6	0.0	0.0	13.8	5.1	24.6	0.7
12	36.6	14.3	25.4	6.0	4.8	5.2	0.1	0.0	0.0	0.0	0.0	0.0	915.9	977.8	1070.7	1225.8	0.0	0.0	5.9	11.5	30.1	4.4
Summary	60.3	34.6	47.4	5.1	3.7	4.1	1985	1698	1305	760	367	256	4697	5139	5841	7122	4.4	33.9	243.1	48.0	166.7	19.6

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	0.43	5.0	1.3	0.1	0.0	0.29	0.37	0.57	
02	0.64	5.5	1.9	0.3	0.1	0.37	0.57	0.92	
03	1.21	6.6	3.1	0.7	0.2	0.57	1.10	1.58	
04	2.42	9.6	5.1	1.5	0.4	1.69	2.50	3.10	
05	3.36	11.4	7.2	2.1	0.8	1.90	3.06	4.49	
06	3.50	10.7	6.6	2.4	0.8	1.87	3.49	5.33	
07	2.42	8.6	4.9	1.7	0.6	1.43	2.05	3.73	
08	1.94	7.7	4.6	1.2	0.3	1.00	1.79	2.90	
09	1.82	6.4	3.8	1.3	0.4	0.79	1.67	2.39	
10	1.55	6.8	3.8	0.9	0.3	0.60	1.23	2.00	
11	0.69	5.1	2.0	0.3	0.0	0.26	0.58	0.97	
12	0.51	5.4	1.8	0.0	0.0	0.20	0.39	0.73	
Summary	20.49	88.8	46.1	12.5	3.9	10.97	18.80	28.71	

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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	7.10	3.8	2.6	0.7	0.3	0.0	15.8	9.8	6.3	1.5	4.30	6.10	8.70
02	8.40	4.0	3.1	0.9	0.5	0.0	12.1	7.6	4.8	1.5	4.70	7.40	12.10
03	9.20	3.5	2.7	1.1	0.7	0.1	8.4	5.2	3.7	1.1	3.20	6.00	12.10
04	8.60	2.3	1.9	1.1	0.7	0.2	3.8	2.8	2.0	1.0	1.00	5.00	12.20
05	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
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	2.10	0.9	0.8	0.2	0.1	0.0	1.3	0.6	0.2	0.0	0.00	0.00	4.10
11	6.50	2.8	2.3	0.9	0.4	0.0	6.8	4.2	2.7	1.1	2.70	5.50	9.60
12	8.40	4.5	3.5	0.8	0.3	0.0	16.1	8.8	4.8	1.5	3.30	7.50	10.70
Summary	50.3	21.8	16.9	5.7	3.0	0.3	64.3	39.0	24.5	7.7	19.2	37.5	69.5

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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	10.0	24.6	95.5	219.0	505.7	802.4	1047.3	993.3	692.0	312.6	88.4	14.0
45	2.6	9.7	47.8	128.4	363.4	652.6	892.4	838.3	544.8	201.6	44.8	3.6
50	0.6	3.0	20.9	64.8	238.4	503.9	737.5	683.6	403.0	116.2	19.1	0.9
55	0.0	0.6	8.0	28.0	138.3	359.2	582.6	529.8	275.1	57.0	6.2	0.1
60	0.0	0.0	1.8	9.1	67.3	226.5	429.0	379.0	167.4	23.2	1.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	13.9	28.8	90.4	160.8	309.1	503.5	677.0	638.1	435.2	216.4	80.7	18.9

Growing Degree Units (Accumulated Monthly)												
40	10	35	130	349	855	1657	2704	3698	4390	4702	4791	4805
45	3	12	60	188	552	1204	2097	2935	3480	3682	3726	3730
50	1	4	24	89	328	832	1569	2253	2656	2772	2791	2792
55	0	1	9	37	175	534	1117	1646	1922	1979	1985	1985
60	0	0	2	11	78	305	734	1113	1280	1303	1305	1305
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	14	43	133	294	603	1106	1784	2422	2857	3073	3154	3173

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