

Summary of Monthly Normals
1991-2020

Current Location: Elev: 4184 ft. Lat: 44.0839° N Lon: 103.4342° W
Station: **JOHNSON SIDING, SD US USC00394343**
Generated on 04/28/2024

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	39.2	12.2	25.7	3.8	3.8	3.7	0.0	0.0	0.0	0.0	0.0	0.0	908.4	970.4	1063.3	1218.3	0.0	0.0	7.1	8.6	30.5	6.2
02	39.3	13.6	26.5	6.3	5.5	5.8	0.0	0.0	0.0	0.0	0.0	0.0	799.0	855.0	939.1	1079.1	0.0	0.0	6.8	7.0	27.5	3.5
03	47.9	20.9	34.4	6.1	4.2	5.0	0.1	0.0	0.0	0.0	0.0	0.0	638.9	700.8	793.7	948.7	0.0	0.0	13.9	4.5	27.8	1.6
04	55.4	28.8	42.1	3.5	2.6	2.8	6.0	2.9	0.6	0.0	0.0	0.0	392.9	449.8	537.5	686.9	0.0	0.0	20.0	1.2	19.7	0.1
05	64.2	38.5	51.4	3.5	1.7	2.4	50.2	33.0	15.5	3.3	0.3	0.1	163.4	208.2	283.7	426.4	0.0	0.2	28.1	0.0	7.4	0.0
06	75.0	47.3	61.1	3.8	2.5	2.9	210.4	164.4	105.7	40.2	9.6	4.4	26.1	40.1	71.3	155.8	0.1	1.9	29.6	0.0	0.4	0.0
07	82.8	53.8	68.3	4.3	2.4	3.2	412.6	351.7	264.3	135.7	46.7	26.0	0.8	1.8	7.2	33.6	0.7	7.8	31.0	0.0	0.0	0.0
08	81.4	51.8	66.6	2.9	1.9	2.1	361.0	301.7	216.3	97.1	25.7	12.6	1.7	4.3	11.8	47.6	0.1	5.1	31.0	0.0	0.0	0.0
09	73.4	43.3	58.3	3.2	2.7	2.7	158.8	121.3	74.8	24.8	4.7	1.7	58.6	81.1	124.4	224.4	0.0	1.4	29.2	0.0	2.6	0.0
10	59.1	31.6	45.4	4.9	3.2	3.9	18.9	11.3	4.3	0.3	0.0	0.0	317.9	372.3	458.4	609.3	0.0	0.0	24.3	0.6	15.7	0.0
11	47.6	21.2	34.4	5.5	3.0	4.1	0.2	0.0	0.0	0.0	0.0	0.0	618.1	678.0	768.0	918.0	0.0	0.0	14.3	5.2	27.3	0.8
12	39.5	13.6	26.6	4.4	4.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0	881.6	943.6	1036.7	1191.7	0.0	0.0	6.4	7.4	30.6	3.9
Summary	58.7	31.4	45.1	4.4	3.1	3.6	1218	986	682	301	87	45	4807	5305	6095	7540	0.9	16.4	241.7	34.5	189.5	16.1

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	0.39	4.1	1.5	0.0	0.0	0.21	0.40	0.52	
02	0.52	4.5	1.7	0.2	0.0	0.35	0.52	0.65	
03	0.91	6.1	3.5	0.8	0.1	0.37	0.86	1.27	
04	2.42	8.5	6.0	1.6	0.4	1.86	2.22	2.94	
05	4.21	9.2	6.4	3.1	1.4	1.98	3.32	6.69	
06	3.56	8.9	6.2	2.0	0.5	1.64	3.21	5.54	
07	3.48	8.0	5.9	1.7	0.7	2.32	3.28	4.73	
08	2.14	7.3	4.6	1.4	0.4	1.38	2.10	2.68	
09	1.37	5.6	3.2	0.9	0.3	0.57	1.09	2.05	
10	1.57	6.4	3.6	1.2	0.5	0.45	1.07	1.46	
11	0.56	3.4	1.4	0.2	0.1	0.26	0.47	0.75	
12	0.45	3.4	1.1	0.0	0.0	0.12	0.35	0.60	
Summary	21.58	75.4	45.1	13.1	4.4	11.51	18.89	29.88	

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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	7.8	8.7	57.4	143.1	358.5	634.6	876.4	824.2	552.8	216.2	59.9	8.0
45	0.4	1.5	20.6	68.1	223.8	486.4	721.8	669.3	408.8	117.6	21.6	1.1
50	0.0	0.1	4.7	24.6	118.6	342.2	567.0	514.6	273.8	53.6	4.6	0.0
55	0.0	0.0	0.1	6.0	50.2	210.4	412.6	361.0	158.8	18.9	0.2	0.0
60	0.0	0.0	0.0	0.6	15.5	105.7	264.3	216.3	74.8	4.3	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	19.5	19.3	69.7	123.2	228.7	389.0	555.2	519.1	355.9	167.7	67.5	17.2

Growing Degree Units (Accumulated Monthly)												
40	8	16	74	217	576	1210	2086	2911	3464	3680	3740	3748
45	0	2	22	91	314	801	1523	2192	2601	2718	2740	2741
50	0	0	5	29	148	490	1057	1572	1846	1899	1904	1904
55	0	0	0	6	56	267	679	1040	1199	1218	1218	1218
60	0	0	0	1	16	122	386	602	677	682	682	682
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	20	39	108	232	460	849	1405	1924	2280	2447	2515	2532

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

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