

Summary of Monthly Normals
1991-2020

Generated on 04/25/2024

Current Location: Elev: 1355 ft. Lat: 45.7886° N Lon: 97.7489° W
Station: **BRITTON, SD US USC00391049**

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	20.4	0.4	10.4	5.5	6.4	5.8	0.0	0.0	0.0	0.0	0.0	0.0	1382.3	1444.3	1537.3	1692.3	0.0	0.0	0.1	23.2	31.0	13.9
02	25.3	4.7	15.0	7.9	8.0	7.9	0.0	0.0	0.0	0.0	0.0	0.0	1119.8	1175.8	1259.8	1399.8	0.0	0.0	1.1	18.0	27.3	9.6
03	38.7	17.6	28.2	7.0	6.0	6.3	1.2	0.7	0.3	0.0	0.0	0.0	833.6	895.1	987.7	1142.4	0.0	0.0	8.4	9.0	26.4	3.0
04	54.7	30.4	42.5	5.3	3.9	4.4	17.2	10.8	4.8	0.9	0.2	0.1	390.7	444.4	528.3	674.5	0.0	0.1	20.5	1.5	14.5	0.0
05	68.4	42.8	55.6	3.8	3.0	3.1	125.6	94.7	58.1	21.9	6.1	2.8	107.1	138.1	194.7	313.4	0.0	0.9	29.4	0.0	2.5	0.0
06	77.9	53.7	65.8	3.2	2.6	2.8	330.6	276.0	200.4	98.2	36.3	22.2	6.7	12.1	26.6	74.3	0.0	2.9	30.0	0.0	0.0	0.0
07	82.5	58.3	70.4	3.7	2.8	3.1	477.5	416.3	326.7	188.9	83.7	53.6	0.3	1.1	4.4	21.6	0.4	6.6	31.0	0.0	0.0	0.0
08	81.0	56.1	68.5	2.8	2.3	2.4	421.6	361.2	273.8	146.0	56.9	34.3	1.7	3.3	8.8	36.1	0.1	4.2	31.0	0.0	0.0	0.0
09	72.7	47.0	59.8	3.4	2.8	2.9	197.6	158.1	107.4	46.3	14.8	8.5	52.2	72.7	112.0	201.0	0.0	1.6	29.8	0.0	0.9	0.0
10	57.3	33.6	45.4	5.1	3.3	3.9	32.9	22.7	12.4	3.2	0.5	0.1	329.0	380.8	463.5	609.3	0.0	0.0	23.7	0.6	11.3	0.0
11	39.3	19.3	29.3	6.9	5.0	5.7	0.7	0.2	0.0	0.0	0.0	0.0	771.6	831.2	921.0	1071.0	0.0	0.0	7.9	8.5	25.3	1.2
12	25.6	7.1	16.3	6.5	6.2	6.2	0.0	0.0	0.0	0.0	0.0	0.0	1198.0	1260.0	1353.0	1508.0	0.0	0.0	0.6	19.3	30.8	8.0
Summary	53.6	30.9	42.3	5.1	4.4	4.5	1605	1341	984	505	198	122	6193	6659	7397	8744	0.5	16.3	213.5	80.1	170.0	35.7

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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

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	0.66	5.3	2.2	0.2	0.0	0.26	0.59	0.98	
02	0.64	5.3	2.1	0.2	0.0	0.30	0.51	0.95	
03	0.87	4.9	2.6	0.4	0.1	0.46	0.74	1.18	
04	1.96	7.0	4.1	1.3	0.3	0.90	1.89	2.55	
05	3.04	9.6	6.4	1.9	0.7	1.59	2.67	3.72	
06	4.13	9.9	6.9	2.6	0.9	2.43	3.52	5.79	
07	4.41	9.4	6.0	2.8	1.5	2.39	3.97	5.52	
08	2.50	7.6	4.8	1.6	0.5	1.47	2.37	3.05	
09	2.56	6.8	4.5	1.6	0.8	1.03	2.06	3.90	
10	2.15	6.7	4.0	1.7	0.6	1.06	1.61	2.70	
11	0.69	4.7	2.4	0.2	0.0	0.19	0.60	0.89	
12	0.66	5.1	2.1	0.2	0.0	0.26	0.45	1.00	
Summary	24.27	82.3	48.1	14.7	5.4	12.34	20.98	32.23	

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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	8.30	4.7	3.4	1.1	0.4	0.0					2.40	7.30	12.00
02	9.80	4.4	3.0	1.0	0.2	0.0					4.10	8.00	15.70
03	6.10	3.0	2.3	1.0	0.4	0.1					2.00	4.20	10.30
04	5.10	1.5	1.1	0.6	0.4	0.0					0.00	3.90	8.00
05	0.00	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					0.00	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	0.6	0.5	0.2	0.1	0.0					0.00	0.00	0.40
11	5.10	2.3	1.8	0.7	0.3	0.1					0.50	1.80	6.20
12	9.80	4.7	3.6	1.3	0.5	0.0					3.60	7.80	13.20
Summary	45.4	21.2	15.7	5.9	2.3	0.2	0.0	0.0	0.0	0.0	12.6	33.0	65.8

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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	0.0	2.3	31.2	173.4	488.4	773.8	942.1	884.8	596.1	236.5	33.4	0.2
45	0.0	0.5	13.1	95.6	348.2	623.8	787.1	729.8	450.3	140.1	12.3	0.0
50	0.0	0.1	4.3	44.6	224.5	475.0	632.2	575.0	314.6	73.7	3.4	0.0
55	0.0	0.0	1.2	17.2	125.6	330.6	477.5	421.6	197.6	32.9	0.7	0.0
60	0.0	0.0	0.3	4.8	58.1	200.4	326.7	273.8	107.4	12.4	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.1	2.0	27.0	123.7	304.4	488.5	618.8	575.3	373.6	153.9	25.8	0.6

Growing Degree Units (Accumulated Monthly)												
40	0	2	34	207	695	1469	2411	3296	3892	4129	4162	4162
45	0	0	14	109	457	1081	1868	2598	3048	3188	3201	3201
50	0	0	4	49	274	748	1381	1956	2270	2344	2347	2347
55	0	0	1	18	144	475	952	1374	1571	1604	1605	1605
60	0	0	0	5	63	264	590	864	971	984	984	984
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	2	29	153	457	946	1564	2140	2513	2667	2693	2694

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