

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 3900 ft. Lat: 44.4989° N Lon: 104.0350° W

Station: BEAR RIDGE, SD US USC00390554

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	39.0	14.2	26.6	3.8	4.3	3.9	0.0	0.0	0.0	0.0	0.0	0.0	880.5	942.4	1035.4	1190.4	0.0	0.0	7.6	7.2	27.9	4.1
02	39.9	14.4	27.1	6.2	6.6	6.3	0.1	0.0	0.0	0.0	0.0	0.0	779.7	835.6	919.6	1059.7	0.0	0.0	6.8	7.3	25.3	4.2
03	49.3	21.9	35.6	5.2	4.3	4.6	3.1	1.6	0.4	0.1	0.0	0.0	604.7	665.2	757.0	911.7	0.0	0.0	16.4	3.3	23.8	1.1
04	57.7	29.7	43.7	3.6	2.9	3.1	16.4	10.1	4.7	1.4	0.3	0.1	355.3	409.0	493.6	640.4	0.0	0.1	22.4	0.7	14.8	0.0
05	67.3	39.8	53.6	4.4	2.1	3.0	96.4	69.9	40.4	12.5	2.8	1.6	141.3	176.9	240.3	367.4	0.0	0.6	28.1	0.0	3.9	0.0
06	79.0	48.8	63.9	4.6	1.9	3.0	283.4	233.5	166.1	78.9	28.3	17.4	16.5	26.7	49.2	112.0	1.1	5.9	29.9	0.0	0.0	0.0
07	87.5	54.9	71.2	5.8	2.7	4.0	502.7	441.6	351.6	213.9	103.7	71.9	0.8	1.6	4.6	21.9	4.2	16.9	31.0	0.0	0.0	0.0
08	86.9	53.2	70.1	3.3	2.3	2.5	468.2	408.1	320.9	188.3	84.9	56.5	1.9	3.8	9.6	31.9	3.2	13.7	31.0	0.0	0.0	0.0
09	75.9	44.1	60.0	3.3	2.1	2.5	207.9	167.0	114.8	52.3	18.5	11.5	58.0	77.1	114.9	202.4	0.5	5.3	29.2	0.0	0.7	0.0
10	60.5	32.7	46.6	4.6	3.3	3.8	35.6	23.9	12.2	3.6	1.0	0.5	295.9	346.2	427.5	573.9	0.0	0.2	24.6	0.7	10.9	0.0
11	47.4	22.9	35.2	6.3	3.7	4.9	3.2	1.7	0.4	0.0	0.0	0.0	598.7	657.2	746.0	895.5	0.0	0.0	16.0	2.8	21.2	0.7
12	39.3	15.1	27.2	5.0	4.8	4.8	0.1	0.0	0.0	0.0	0.0	0.0	861.6	923.5	1016.5	1171.6	0.0	0.0	7.4	8.0	28.3	3.3
Summary	60.8	32.6	46.7	4.7	3.4	3.9	1617	1357	1012	551	240	160	4595	5065	5814	7179	9.0	42.7	250.4	30.0	156.8	13.4

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	0.92	7.1	3.3	0.0	0.0	0.68	0.84	1.15	
02	1.17	8.0	4.5	0.4	0.0	0.91	1.07	1.27	
03	1.40	7.4	4.0	0.7	0.3	0.86	1.26	1.58	
04	2.75	9.3	6.2	2.0	0.5	2.08	2.54	3.23	
05	3.89	12.5	8.1	2.6	1.2	2.26	3.69	5.41	
06	3.79	10.3	7.1	2.2	0.9	2.11	3.49	4.85	
07	2.32	7.9	5.5	1.5	0.5	1.21	1.99	3.11	
08	2.04	6.8	4.0	1.4	0.4	1.16	1.91	2.54	
09	1.57	6.2	4.0	1.1	0.3	0.77	1.47	2.08	
10	2.28	7.4	4.3	1.3	0.4	0.99	1.46	2.41	
11	1.14	5.8	3.1	0.5	0.1	0.60	0.94	1.40	
12	0.90	6.0	2.9	0.3	0.1	0.50	0.82	1.18	
Summary	24.17	94.7	57.0	14.0	4.7	14.13	21.48	30.21	

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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	13.90	6.3	5.7	2.1	0.7	0.0					9.70	12.90	15.70
02	18.10	7.2	6.8	2.7	0.7	0.1					11.60	16.50	22.00
03	18.40	5.9	5.7	2.6	1.1	0.3					12.00	15.90	18.10
04	17.20	4.0	4.0	2.2	1.3	0.4					10.80	13.60	26.00
05	4.60	1.0	1.0	0.4	0.2	0.2					0.00	0.50	7.00
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	0.60	0.3	0.2	0.1	0.0	0.0					0.00	0.00	0.00
10	10.80	2.5	2.2	1.2	0.7	0.2					0.00	4.00	13.20
11	13.70	4.2	4.1	1.8	0.7	0.1					6.50	10.30	18.00
12	16.90	5.6	5.4	2.0	0.9	0.1					11.40	15.00	20.00
Summary	114.2	37.0	35.1	15.1	6.3	1.4	0.0	0.0	0.0	0.0	62.0	88.7	140.0

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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	13.3	22.0	83.0	185.0	430.2	716.9	966.9	931.2	602.8	258.6	73.0	15.0
45	3.4	7.5	36.5	99.8	295.3	567.5	812.0	776.3	459.4	155.4	31.3	3.8
50	0.6	1.5	11.7	44.3	182.4	420.3	656.9	621.5	325.7	82.0	10.7	0.6
55	0.0	0.1	3.1	16.4	96.4	283.4	502.7	468.2	207.9	35.6	3.2	0.1
60	0.0	0.0	0.4	4.7	40.4	166.1	351.6	320.9	114.8	12.2	0.4	0.0
Growing Degree Units for Corn (Monthly)												
50/86	13.5	22.0	82.2	151.5	278.4	442.2	600.9	579.4	387.9	190.5	62.6	15.9

Growing Degree Units (Accumulated Monthly)												
40	13	35	118	303	734	1450	2417	3348	3951	4210	4283	4298
45	3	11	47	147	442	1010	1822	2598	3058	3213	3244	3248
50	1	2	14	58	240	661	1318	1939	2265	2347	2358	2358
55	0	0	3	20	116	399	902	1370	1578	1614	1617	1617
60	0	0	0	5	46	212	563	884	999	1011	1012	1012
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	14	36	118	269	548	990	1591	2170	2558	2748	2811	2827

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