U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Summary of Monthly Normals
1981-2010
Generated on 04/28/2024

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Current Location: Elev: 4670 ft. Lat: 44.3736° N Lon: 103.7314° W

Station: **DEADWOOD, SD US USC00392207**

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	37.8	14.1	25.9	4.5	4.1	4.2	0	0	0	0	0	0	901	963	1056	1211	0.0	0.0	4.4	9.5	30.5	4.2
02	38.8	14.9	26.8	4.9	5.1	4.9	0	0	0	0	0	0	788	844	928	1068	0.0	0.0	6.2	8.1	27.2	3.7
03	46.4	21.1	33.8	4.4	3.4	3.7	-7777	-7777	-7777	0	0	0	659	721	814	969	0.0	0.0	13.2	4.7	27.6	1.5
04	55.1	29.1	42.1	4.5	3.0	3.5	11	7	3	1	-7777	-7777	398	454	540	688	0.0	0.0	19.7	1.5	19.2	-7777
05	64.7	38.2	51.5	3.5	3.1	2.9	61	41	21	5	1	-7777	171	213	286	425	0.0	0.0	28.6	0.0	8.0	0.0
06	74.6	48.1	61.4	3.8	2.9	3.2	219	174	118	53	18	11	29	44	77	162	0.0	1.7	29.6	0.0	0.5	0.0
07	83.1	54.8	68.9	4.4	2.5	3.3	433	373	286	158	67	43	1	3	9	35	0.1	7.2	31.0	0.0	0.0	0.0
08	81.4	53.0	67.2	3.2	2.9	3.0	382	323	238	118	40	23	4	7	15	50	0.2	3.7	30.9	0.0	0.2	0.0
09	71.3	43.0	57.1	3.7	2.7	3.1	143	109	68	24	5	2	79	104	154	259	0.0	0.6	28.9	0.1	3.3	0.0
10	57.8	31.9	44.9	4.6	2.3	3.2	17	10	4	-7777	-7777	0	331	386	473	625	0.0	0.0	23.0	0.9	15.5	-7777
11	44.7	21.3	33.0	6.5	4.7	5.5	1	1	-7777	0	0	0	661	720	810	960	0.0	0.0	11.0	5.2	26.4	0.9
12	36.4	12.8	24.6	5.5	5.9	5.6	0	0	0	0	0	0	942	1004	1097	1252	0.0	0.0	3.9	10.7	30.8	4.1
Summary	57.7	31.9	44.8	4.5	3.5	3.8	1267	1038	738	359	131	79	4964	5463	6259	7704	0.3	13.2	230.4	40.7	189.2	14.4

-7777: a non-zero value that would round to zero

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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	1.35	6.4	4.1	0.5	0.1	0.99	1.27	1.65
02	1.19	6.3	4.3	0.6	0.2	0.81	1.21	1.54
03	1.72	7.9	5.8	1.4	0.3	1.24	1.81	2.20
04	3.55	9.1	6.7	2.1	0.9	2.42	3.84	4.48
05	5.04	11.8	7.9	3.0	1.0	2.94	3.54	5.99
06	3.77	11.7	7.9	2.5	0.8	2.42	3.45	4.81
07	2.72	9.7	6.2	1.9	0.6	1.16	2.46	3.28
08	2.18	6.7	3.9	1.1	0.3	0.94	2.10	2.96
09	2.06	6.7	4.6	1.1	0.3	0.95	1.51	2.34
10	3.36	6.4	4.5	1.0	0.3	1.31	1.76	3.81
11	1.38	5.7	4.3	0.7	0.1	0.84	1.21	1.79
12	1.43	6.4	4.5	0.7	0.1	0.75	1.35	1.93
Summary	29.75	94.8	64.7	16.6	5.0	16.77	25.51	36.78

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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	12.3	5.9	4.6	1.3	0.6	-7777					7.9	10.8	14.7
02	13.2	5.8	4.6	1.6	0.7	0.2					7.0	13.0	18.5
03	18.2	6.0	4.9	2.3	1.3	0.4					15.3	18.5	23.8
04	19.8	2.8	2.6	1.4	0.9	0.3					5.0	16.5	33.5
05	1.2	0.4	0.3	0.2	-7777	0.0					0.0	0.0	2.0
06	0.0	0.0	0.0	0.0	0.0	0.0					0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0					0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0					0.0	0.0	0.0
09	0.9	0.4	0.4	0.1	-7777	0.0					0.0	0.0	0.0
10	4.6	1.4	1.2	0.5	0.4	0.1					2.0	2.0	8.0
11	15.3	3.9	3.2	1.2	0.7	0.2					4.5	15.5	27.6
12	15.7	5.7	4.4	1.9	0.9	0.2					8.2	13.1	21.0
Summary	101.2	32.3	26.2	10.5	5.5	1.4	0.0	0.0	0.0	0.0	49.9	89.4	149.1

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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	5	10	47	148	364	641	897	843	520	208	47	3
45	-7777	2	14	76	234	493	742	688	379	114	18	-7777
50	-7777	-7777	3	32	132	350	587	534	250	51	5	-7777
55	0	0	-7777	11	61	219	433	382	143	17	1	0
60	0	0	-7777	3	21	118	286	238	68	4	-7777	0

Growing Degree Units for Corn (Monthly)

50/86	10	17	55	123	238	396	569	537	333	154	47	9

Growing Degree Units (Accumulated Monthly)

40	5	15	62	210	574	1215	2112	2955	3475	3683	3730	3733
45	0	2	16	92	326	819	1561	2249	2628	2742	2760	2760
50	0	0	3	35	167	517	1104	1638	1888	1939	1944	1944
55	0	0	0	11	72	291	724	1106	1249	1266	1267	1267
60	0	0	0	3	24	142	428	666	734	738	738	738

Growing Degree Units for Corn (Monthly Accumulated)

50/86	10	27	82	205	443	839	1408	1945	2278	2432	2479	2488

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

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