

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	28.5	3.4	15.9	6.6	7.9	7.1	0	0	0	0	0	0	1210	1272	1365	1520	0.0	0.0	1.3	16.1	30.7	12.2
02	34.1	8.4	21.3	7.6	7.9	7.6	-7777	0	0	0	0	0	945	1001	1085	1225	0.0	0.0	4.5	11.4	27.5	7.9
03	44.5	19.2	31.8	6.5	4.9	5.5	1	-7777	-7777	-7777	0	0	718	780	873	1028	0.0	0.0	11.9	6.4	28.2	2.5
04	57.7	30.1	43.9	4.5	2.5	3.1	19	12	6	1	-7777	-7777	352	405	489	634	0.0	0.1	22.2	1.0	17.0	0.1
05	68.3	40.9	54.6	4.6	2.8	3.4	102	74	43	14	3	1	115	149	210	337	0.0	0.4	29.5	0.0	4.4	0.0
06	77.9	50.2	64.0	4.8	3.7	4.0	284	233	164	79	31	20	13	22	42	107	0.4	3.0	29.9	0.0	0.4	0.0
07	86.5	56.2	71.4	4.8	2.4	3.4	507	446	355	217	110	78	1	1	3	20	1.8	11.4	31.0	0.0	0.0	0.0
08	86.2	54.0	70.1	4.3	2.9	3.4	470	410	323	194	94	65	2	4	10	36	0.9	11.4	31.0	0.0	0.1	0.0
09	74.1	42.0	58.1	4.8	2.7	3.4	164	129	84	36	12	7	73	97	143	244	-7777	3.0	29.0	0.0	3.4	0.0
10	59.1	30.7	44.9	4.3	2.4	2.9	22	14	6	1	-7777	-7777	335	389	474	624	0.0	0.1	23.2	0.9	16.9	0.1
11	42.2	17.8	30.0	6.6	4.7	5.4	-7777	-7777	-7777	0	0	0	750	810	900	1050	0.0	0.0	9.0	6.6	27.8	2.3
12	29.5	5.5	17.5	7.4	6.7	6.9	0	0	0	0	0	0	1162	1224	1317	1472	0.0	0.0	1.6	15.5	30.7	10.4
Summary	57.4	29.9	43.6	5.6	4.3	4.7	1569	1318	981	542	250	171	5676	6154	6911	8297	3.1	29.4	224.1	57.9	187.1	35.5

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

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

Summary of Monthly Normals
1981-2010
Generated on 02/28/2018

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	0.30	4.8	1.1	0.1	0.0	0.13	0.27	0.42
02	0.36	3.8	1.1	0.1	0.0	0.07	0.32	0.54
03	0.77	5.5	2.0	0.2	-7777	0.25	0.54	1.04
04	1.34	6.4	3.7	0.6	0.1	0.59	1.08	2.09
05	2.49	9.4	4.9	1.4	0.5	1.79	2.36	3.07
06	2.86	10.4	6.2	1.7	0.5	1.49	2.60	3.81
07	2.19	9.0	5.0	1.3	0.5	0.98	1.53	2.76
08	1.30	5.8	2.8	0.7	0.2	0.49	1.34	1.83
09	1.30	5.7	3.2	0.6	0.3	0.56	0.90	1.78
10	1.14	6.1	2.6	0.5	0.2	0.33	0.69	1.81
11	0.57	4.6	1.8	0.2	0.1	0.11	0.35	0.76
12	0.35	4.8	1.4	0.0	0.0	0.15	0.27	0.58
Summary	14.97	76.3	35.8	7.4	2.4	6.94	12.25	20.49

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Current Location: Elev: 2268 ft. Lat: 46.9161° N Lon: -103.5263° W
Station: MEDORA, ND US USC00325813

Summary of Monthly Normals
1981-2010
Generated on 02/28/2018

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	5.2	3.9	2.1	0.5	0.1	0.0	20.3	13.4	7.9	1.9	1.7	3.1	5.6
02	5.4	3.3	2.2	0.6	0.1	0.0	14.5	8.4	5.7	1.6	1.0	6.4	7.4
03	4.5	2.5	1.8	0.7	0.1	-7777	8.6	5.9	3.4	1.5	0.6	2.9	6.5
04	3.1	1.0	0.8	0.5	0.3	0.1	1.9	1.5	1.0	0.3	0.0	1.5	6.0
05	0.6	0.2	0.1	0.1	-7777	0.0	0.1	0.1	-7777	0.0	0.0	0.0	0.0
06	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0
09	0.3	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
10	1.5	0.7	0.5	0.1	0.1	0.0	0.9	0.4	0.1	0.0	0.0	0.2	2.0
11	3.1	2.5	1.7	0.6	0.1	0.0	6.6	2.9	1.2	0.1	0.0	1.5	6.0
12	6.0	4.3	2.3	0.5	0.2	0.0	15.7	8.9	5.8	1.0	3.4	5.4	8.3
Summary	29.7	18.5	11.6	3.7	1.0	0.1	68.7	41.6	25.1	6.4	6.7	21.0	41.8

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Summary of Monthly Normals
1981-2010
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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	1	6	42	186	458	721	971	932	545	216	31	1
45	-7777	1	15	103	317	572	817	778	404	124	12	-7777
50	0	-7777	4	49	195	425	662	623	274	59	3	-7777
55	0	-7777	1	19	102	284	507	470	164	22	-7777	0
60	0	0	-7777	6	43	164	355	323	84	6	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	3	12	52	149	294	449	615	590	362	175	37	2

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	1	7	49	235	693	1414	2385	3317	3862	4078	4109	4110
45	0	1	16	119	436	1008	1825	2603	3007	3131	3143	3143
50	0	0	4	53	248	673	1335	1958	2232	2291	2294	2294
55	0	0	1	20	122	406	913	1383	1547	1569	1569	1569
60	0	0	0	6	49	213	568	891	975	981	981	981
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	3	15	67	216	510	959	1574	2164	2526	2701	2738	2740

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