

Summary of Monthly Normals
1991-2020

Current Location: Elev: 1982 ft. Lat: 46.5203° N Lon: 100.3478° W
Station: HAZELTON 4NW, ND US USC00324083
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	20.1	1.8	11.0	6.0	6.2	6.0	0.0	0.0	0.0	0.0	0.0	0.0	1365.4	1427.4	1520.4	1675.4	0.0	0.0	0.2	23.7	30.9	14.0
02	24.6	5.2	14.9	7.9	8.2	7.9	0.0	0.0	0.0	0.0	0.0	0.0	1122.7	1178.7	1262.7	1402.7	0.0	0.0	0.5	19.1	27.8	11.2
03	37.3	16.5	26.9	7.2	5.7	6.3	0.7	0.4	0.1	0.0	0.0	0.0	871.8	933.6	1026.2	1181.1	0.0	0.0	6.4	11.9	28.6	4.0
04	53.2	28.1	40.7	5.1	3.5	4.1	8.5	5.1	2.0	0.4	0.1	0.0	439.0	495.6	582.5	730.9	0.0	0.0	18.2	2.7	20.2	0.3
05	65.9	40.8	53.3	3.4	2.8	2.9	88.7	64.0	36.3	11.1	2.1	0.9	139.9	177.2	242.5	372.3	0.0	0.2	28.6	0.0	4.8	0.0
06	74.9	51.6	63.3	3.3	2.2	2.6	262.0	211.5	144.1	59.5	16.2	8.7	14.5	24.0	46.6	112.0	0.1	0.7	29.9	0.0	0.0	0.0
07	81.2	56.3	68.7	4.1	2.4	3.1	427.1	366.5	278.4	148.2	58.1	35.8	0.9	2.3	7.3	32.0	0.4	3.8	31.0	0.0	0.0	0.0
08	80.3	53.9	67.1	3.2	2.1	2.5	379.2	320.7	237.6	120.7	43.5	25.4	4.1	7.6	17.6	55.7	0.1	3.7	31.0	0.0	0.0	0.0
09	71.1	44.8	57.9	3.6	2.8	2.9	160.9	125.5	81.6	32.6	8.7	4.5	72.5	97.2	143.2	244.2	0.0	1.3	29.2	0.0	1.6	0.0
10	54.9	31.9	43.4	5.1	3.4	4.0	23.4	15.8	8.0	2.0	0.3	0.1	383.0	437.4	522.6	671.6	0.0	0.1	20.0	1.7	16.0	0.0
11	38.1	18.4	28.3	7.4	5.0	6.0	0.5	0.1	0.0	0.0	0.0	0.0	802.9	862.6	952.5	1102.5	0.0	0.0	6.9	10.6	27.5	1.8
12	25.2	7.8	16.5	6.8	6.2	6.3	0.0	0.0	0.0	0.0	0.0	0.0	1193.4	1255.4	1348.4	1503.4	0.0	0.0	0.7	21.0	30.9	8.7
Summary	52.2	29.8	41.0	5.3	4.2	4.5	1351	1110	788	374	129	75	6410	6899	7673	9084	0.6	9.8	202.6	90.7	188.3	40.0

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	0.44	4.8	2.1	0.0	0.0	0.21	0.38	0.64
02	0.49	5.1	2.1	0.2	0.0	0.25	0.37	0.60
03	0.85	5.0	2.4	0.4	0.1	0.31	0.56	1.20
04	1.40	6.9	3.9	0.5	0.0	0.71	1.11	1.69
05	2.78	10.1	6.3	1.8	0.5	1.28	2.48	3.78
06	3.35	11.0	6.7	2.1	0.7	2.39	3.21	4.38
07	3.01	9.2	6.1	1.9	0.7	1.71	2.76	3.77
08	2.20	7.4	4.5	1.4	0.7	1.28	1.97	2.76
09	1.61	7.0	3.5	1.0	0.3	0.76	1.54	2.31
10	1.69	6.9	3.7	0.9	0.3	0.78	1.25	2.27
11	0.56	4.5	1.8	0.2	0.0	0.08	0.42	0.91
12	0.62	4.6	1.9	0.2	0.0	0.27	0.43	0.88
Summary	19.00	82.5	45.0	10.6	3.3	10.03	16.48	25.19

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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	8.90	6.6	4.1	0.9	0.1	0.0	27.4	21.9	15.7	9.2	4.80	6.00	14.00
02	6.80	5.1	3.4	0.5	0.0	0.0	24.4	19.6	13.7	7.7	5.00	6.20	7.00
03	6.50	4.2	2.7	0.9	0.3	0.1	19.0	13.9	9.6	3.9	2.80	4.00	10.50
04	4.30	1.5	1.2	0.5	0.2	0.0	5.8	3.0	1.6	0.4	0.10	3.00	7.00
05	0.20	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	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	0.0	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	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
10	2.60	1.6	0.9	0.2	0.1	0.0	1.8	0.3	0.1	0.0	0.00	1.50	3.00
11	6.90	3.7	2.5	1.0	0.2	0.0	12.0	7.9	4.3	1.5	0.50	5.00	7.40
12	8.50	5.4	3.3	0.8	0.4	0.1	19.5	14.7	9.9	4.8	4.40	5.70	12.80
Summary	44.7	28.3	18.2	4.9	1.3	0.2	110.1	81.4	54.9	27.5	17.6	31.4	61.7

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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	0.3	2.2	26.2	136.9	422.7	697.4	891.0	839.9	540.4	193.1	28.3	0.9
45	0.0	0.7	9.3	68.6	287.2	547.8	736.0	685.0	397.9	109.3	10.2	0.1
50	0.0	0.1	2.7	27.4	172.5	400.4	581.1	530.6	267.8	53.8	2.9	0.0
55	0.0	0.0	0.7	8.5	88.7	262.0	427.1	379.2	160.9	23.4	0.5	0.0
60	0.0	0.0	0.1	2.0	36.3	144.1	278.4	237.6	81.6	8.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.4	1.7	25.8	110.9	260.2	420.8	568.5	529.0	332.7	129.9	25.1	1.3

Growing Degree Units (Accumulated Monthly)												
40	0	2	29	166	588	1286	2177	3017	3557	3750	3778	3779
45	0	1	10	79	366	914	1650	2335	2732	2842	2852	2852
50	0	0	3	30	203	603	1184	1715	1983	2036	2039	2039
55	0	0	1	9	98	360	787	1166	1327	1351	1351	1351
60	0	0	0	2	38	182	461	698	780	788	788	788
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	2	28	139	399	820	1388	1917	2250	2380	2405	2406

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