

Summary of Monthly Normals
1991-2020

Generated on 05/22/2024

Current Location: Elev: 855 ft. Lat: 48.1953° N Lon: 96.7761° W

Station: WARREN WSD, MN US USC00218674

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	13.6	-6.7	3.5				0.0	0.0	0.0	0.0	0.0	0.0	1597.1	1659.0	1752.0	1907.2	0.0	0.0	0.0	27.3	30.8	17.0
02	18.5	-4.4	7.1				0.0	0.0	0.0	0.0	0.0	0.0	1341.6	1397.5	1481.5	1621.7	0.0	0.0	0.0	24.5	27.7	18.1
03	33.8	11.0	22.4				0.1	0.0	0.0	0.0	0.0	0.0	1010.6	1072.5	1165.5	1320.6	0.0	0.0	3.8	11.1	29.8	6.9
04	51.2	29.0	40.1				2.5	1.1	0.1	0.0	0.0	0.0	449.8	508.4	597.4	747.2	0.0	0.0	16.0	3.1	18.8	0.9
05	66.7	42.9	54.8				113.3	84.9	49.7	16.8	3.5	1.5	119.9	153.5	211.3	333.3	0.0	0.7	29.2	0.0	4.2	0.0
06	75.7	54.3	65.0				305.1	250.1	172.6	72.2	19.2	9.7	5.5	10.5	23.1	72.6	0.0	1.3	30.0	0.0	0.2	0.0
07	80.6	58.4	69.5				449.3	388.0	296.9	152.9	44.7	20.9	0.2	1.0	2.8	13.9	0.0	1.8	31.0	0.0	0.0	0.0
08	79.7	55.5	67.6				390.9	330.8	243.6	118.3	34.2	17.5	0.9	2.8	8.6	38.3	0.0	1.4	31.0	0.0	0.0	0.0
09	70.0	46.0	58.0				146.1	109.7	65.9	19.9	4.0	2.0	56.5	80.2	126.4	230.3	0.0	0.6	29.6	0.0	0.6	0.0
10	53.8	32.6	43.2				17.6	11.4	5.4	1.4	0.0	0.0	383.7	439.4	526.4	677.4	0.0	0.0	18.1	1.7	14.7	0.0
11	35.6	17.4	26.5				0.0	0.0	0.0	0.0	0.0	0.0	854.9	914.9	1004.9	1154.9	0.0	0.0	4.0	11.2	27.0	2.8
12	21.0	2.9	12.0				0.0	0.0	0.0	0.0	0.0	0.0	1334.1	1396.0	1489.0	1644.1	0.0	0.0	0.0	23.9	30.7	11.7
Summary	50.0	28.2	39.1	0.0	0.0	0.0	1425	1176	834	381	106	52	7155	7636	8389	9762	0.0	5.8	192.7	102.8	184.5	57.4

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

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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	0.3	8.6	125.3	465.9	749.1	913.5	854.3	539.5	184.1	24.1	0.0
45	0.0	0.0	2.6	57.8	327.7	599.7	759.1	700.1	394.6	101.2	9.1	0.0
50	0.0	0.0	0.5	17.6	205.3	450.5	604.0	545.1	261.4	47.8	2.5	0.0
55	0.0	0.0	0.1	2.5	113.3	305.1	449.3	390.9	146.1	17.6	0.0	0.0
60	0.0	0.0	0.0	0.1	49.7	172.6	296.9	243.6	65.9	5.4	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.0	8.0	84.2	279.7	459.9	602.4	549.9	319.3	113.7	17.6	0.0
Growing Degree Units (Accumulated Monthly)												
40	0	0	9	134	600	1349	2263	3117	3656	3841	3865	3865
45	0	0	3	60	388	988	1747	2447	2842	2943	2952	2952
50	0	0	0	18	223	674	1278	1823	2084	2132	2135	2135
55	0	0	0	3	116	421	870	1261	1407	1425	1425	1425
60	0	0	0	0	50	222	519	763	829	834	834	834
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	8	92	372	832	1434	1984	2303	2417	2435	2435

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.