

Summary of Monthly Normals
1991-2020

Generated on 06/05/2024

Current Location: Elev: 1340 ft. Lat: 47.6714° N Lon: 94.5175° W

Station: **BLACKDUCK, MN US USC00210809**

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	18.0	-8.7	4.7	5.5	9.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	1560.5	1622.5	1715.6	1870.6	0.0	0.0	0.1	26.6	31.0	18.8
02	23.7	-4.5	9.6	6.1	7.8	6.8	0.0	0.0	0.0	0.0	0.0	0.0	1271.1	1327.1	1411.1	1551.1	0.0	0.0	0.5	22.0	27.9	16.6
03	36.9	9.5	23.2	5.1	6.9	5.9	0.1	0.0	0.0	0.0	0.0	0.0	986.0	1047.9	1140.9	1295.9	0.0	0.0	5.0	10.5	28.9	7.6
04	51.7	24.6	38.1	5.7	4.0	4.6	3.9	2.0	0.7	0.1	0.0	0.0	509.4	567.6	656.2	805.6	0.0	0.0	17.0	1.7	23.4	0.5
05	64.7	38.1	51.4	3.9	2.7	3.1	63.7	44.7	25.0	7.2	1.0	0.2	175.3	218.4	291.6	428.8	0.0	0.0	27.7	0.0	6.2	0.0
06	73.7	48.9	61.3	3.1	2.6	2.6	208.9	161.5	101.3	33.0	6.5	3.1	20.0	32.6	62.4	144.1	0.0	0.1	30.0	0.0	0.3	0.0
07	78.3	53.5	65.9	3.1	2.6	2.8	340.5	282.0	198.8	86.8	22.2	10.5	2.8	6.2	15.9	59.0	0.0	0.9	31.0	0.0	0.0	0.0
08	76.8	50.9	63.9	2.5	2.2	2.1	281.4	225.5	148.8	57.2	14.5	7.3	7.2	13.3	29.6	93.0	0.0	0.6	31.0	0.0	0.1	0.0
09	67.6	42.1	54.8	3.3	3.6	3.1	96.4	70.0	38.7	10.4	1.8	0.8	100.9	134.6	193.2	315.0	0.0	0.0	29.4	0.0	3.0	0.0
10	52.9	30.5	41.7	4.7	3.1	3.6	11.0	6.1	2.3	0.2	0.0	0.0	423.3	480.4	569.6	722.5	0.0	0.0	18.8	0.6	16.5	0.0
11	36.4	15.9	26.1	6.9	5.9	6.2	0.1	0.0	0.0	0.0	0.0	0.0	865.6	925.5	1015.5	1165.5	0.0	0.0	4.7	11.9	27.6	2.5
12	23.3	0.7	12.0	5.8	7.9	6.8	0.0	0.0	0.0	0.0	0.0	0.0	1332.9	1394.9	1487.9	1642.9	0.0	0.0	0.0	24.1	31.0	13.4
Summary	50.3	25.1	37.7	4.6	4.9	4.6	1006	792	516	195	46	22	7255	7771	8590	10094	0.0	1.6	195.2	97.4	195.9	59.4

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	0.5	11.6	96.1	365.6	638.8	802.7	739.1	447.7	141.6	13.8	0.0
45	0.0	0.0	3.4	43.1	236.5	489.5	647.7	584.1	307.4	71.0	3.4	0.0
50	0.0	0.0	0.8	15.0	133.3	343.6	492.7	429.7	187.4	31.7	0.4	0.0
55	0.0	0.0	0.1	3.9	63.7	208.9	340.5	281.4	96.4	11.0	0.1	0.0
60	0.0	0.0	0.0	0.7	25.0	101.3	198.8	148.8	38.7	2.3	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.1	1.2	15.7	90.4	240.7	387.9	505.2	462.4	277.5	98.2	13.2	0.0

Growing Degree Units (Accumulated Monthly)												
40	0	0	12	108	474	1113	1915	2654	3102	3244	3258	3258
45	0	0	3	46	283	772	1420	2004	2312	2383	2386	2386
50	0	0	1	16	149	493	985	1415	1603	1634	1635	1635
55	0	0	0	4	68	277	617	898	995	1006	1006	1006
60	0	0	0	1	26	127	326	475	513	516	516	516
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	17	107	348	736	1241	1704	1981	2079	2092	2092

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.