

Summary of Monthly Normals
1991-2020

Generated on 05/22/2024

Current Location: Elev: 1330 ft. Lat: 46.6803° N Lon: 92.9542° W
Station: **WRIGHT 3 E, MN US USC00219173**

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	18.1	-2.6	7.7	5.1	7.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	1464.6	1526.6	1619.6	1774.7	0.0	0.0	0.1	27.4	31.0	15.6
02	23.6	0.4	12.0	5.8	7.5	6.5	0.0	0.0	0.0	0.0	0.0	0.0	1203.9	1259.9	1343.9	1484.0	0.0	0.0	0.3	20.3	27.6	12.1
03	36.1	12.9	24.5	5.0	5.8	5.3	0.8	0.4	0.1	0.0	0.0	0.0	946.3	1008.0	1100.7	1255.5	0.0	0.0	4.7	10.2	28.4	5.4
04	50.3	25.5	37.9	4.7	3.4	3.9	4.5	2.3	0.8	0.1	0.0	0.0	517.5	575.3	663.8	813.1	0.0	0.0	16.6	1.6	21.9	0.2
05	63.6	36.9	50.3	3.6	2.6	2.9	48.4	32.7	16.6	3.8	0.3	0.1	195.8	242.1	318.9	461.1	0.0	0.0	28.6	0.0	7.2	0.0
06	71.9	46.6	59.3	2.6	2.3	2.2	159.9	119.0	68.2	19.5	4.1	2.0	32.5	51.5	90.7	192.0	0.0	0.2	29.9	0.0	0.4	0.0
07	76.4	51.6	64.0	2.9	2.5	2.6	282.3	225.3	148.1	55.3	13.5	6.4	3.4	8.4	24.2	86.3	0.0	0.4	31.0	0.0	0.0	0.0
08	74.5	50.4	62.4	2.7	2.4	2.4	239.8	186.6	117.2	39.7	8.1	4.2	9.0	17.7	41.3	118.8	0.0	0.4	31.0	0.0	0.0	0.0
09	66.4	43.3	54.9	3.1	2.9	2.7	100.8	73.7	42.2	12.0	1.9	0.9	105.4	138.3	196.8	316.6	0.0	0.1	29.2	0.0	2.7	0.0
10	52.3	31.9	42.1	4.1	2.7	3.2	11.6	6.9	2.5	0.2	0.0	0.0	411.5	468.8	557.4	710.1	0.0	0.0	19.7	0.8	13.9	0.0
11	35.7	18.6	27.1	6.3	5.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	835.5	895.5	985.5	1135.5	0.0	0.0	4.5	11.7	26.0	1.5
12	22.5	5.4	13.9	5.4	6.6	5.9	0.0	0.0	0.0	0.0	0.0	0.0	1272.4	1334.4	1427.4	1582.5	0.0	0.0	0.1	23.9	30.8	9.6
Summary	49.3	26.7	38.0	4.3	4.2	4.1	848	647	396	131	28	14	6998	7526	8370	9930	0.0	1.1	195.7	95.9	189.9	44.4

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	0.63	6.8	2.3	0.2	0.1	0.23	0.62	0.89
02	0.81	5.7	2.7	0.2	0.1	0.47	0.78	1.13
03	1.48	5.9	3.5	0.6	0.2	0.95	1.11	2.06
04	2.33	8.8	5.2	1.3	0.3	1.35	2.33	2.83
05	3.50	10.2	7.4	2.4	0.6	2.12	3.47	4.02
06	4.72	11.0	7.8	3.2	1.2	3.04	4.71	5.14
07	4.36	10.5	7.7	3.1	1.5	2.97	4.11	5.34
08	4.13	8.9	6.6	2.7	1.3	2.43	3.85	5.70
09	3.24	8.9	6.0	2.4	0.9	1.75	3.36	4.48
10	3.26	9.5	6.5	2.2	0.7	1.79	2.92	4.44
11	1.53	7.1	3.8	0.7	0.2	0.72	1.23	2.14
12	1.17	7.2	3.4	0.6	0.0	0.62	0.96	1.55
Summary	31.16	100.5	62.9	19.6	7.1	18.44	29.45	39.72

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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	10.60	6.7	2.8	0.9	0.3	0.1	30.3	24.9	22.8	14.8	5.10	7.30	13.10
02	11.90	5.4	3.2	1.1	0.3	0.1	27.3	23.4	21.3	16.7	6.20	11.10	17.00
03	8.30	4.0	2.9	1.0	0.4	0.0	22.2	18.5	15.8	9.6	5.20	7.30	9.70
04	4.70	3.2	1.7	0.8	0.4	0.1	3.6	1.7	1.0	0.6	0.90	3.90	7.90
05	0.20	0.3	0.1	0.1	0.0	0.0	0.1	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	2.00	1.1	0.8	0.3	0.0	0.0	1.0	0.4	0.0	0.0	0.00	1.00	2.40
11	9.20	4.3	2.3	1.1	0.6	0.0	10.9	6.8	2.8	0.8	1.70	7.60	14.20
12	12.30	6.7	3.9	1.2	0.5	0.1	25.2	18.0	14.1	6.9	5.70	12.40	16.70
Summary	59.2	31.7	17.7	6.5	2.5	0.4	120.6	93.7	77.8	49.4	24.8	50.6	81.0

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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	13.6	85.0	330.4	577.3	743.7	695.7	448.0	150.8	20.1	0.1
45	0.0	0.1	4.9	38.2	204.0	428.0	588.7	540.8	309.4	75.9	6.7	0.0
50	0.0	0.0	2.0	15.2	107.6	284.5	434.0	386.7	191.3	33.9	1.4	0.0
55	0.0	0.0	0.8	4.5	48.4	159.9	282.3	239.8	100.8	11.6	0.0	0.0
60	0.0	0.0	0.1	0.8	16.6	68.2	148.1	117.2	42.2	2.5	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.3	13.0	77.6	223.7	349.9	460.5	425.6	267.3	91.3	13.7	0.1

Growing Degree Units (Accumulated Monthly)												
40	0	0	14	99	429	1007	1750	2446	2894	3045	3065	3065
45	0	0	5	43	247	675	1264	1805	2114	2190	2197	2197
50	0	0	2	17	125	409	843	1230	1421	1455	1457	1457
55	0	0	1	5	54	214	496	736	836	848	848	848
60	0	0	0	1	18	86	234	351	393	396	396	396
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	13	91	315	664	1125	1551	1818	1909	1923	1923

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

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