

Summary of Monthly Normals
1991-2020

Current Location: Elev: 751 ft. Lat: 42.6508° N Lon: 88.2544° W
Station: **BURLINGTON, WI US USC00471205**
Generated on 06/04/2024

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	27.7	11.5	19.6	4.3	5.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0	1097.2	1159.2	1252.2	1407.2	0.0	0.0	0.8	20.3	29.8	7.1
02	31.4	14.0	22.7	5.5	6.5	5.9	0.0	0.0	0.0	0.0	0.0	0.0	904.3	960.3	1044.3	1184.3	0.0	0.0	1.6	14.5	26.7	4.7
03	42.7	23.4	33.1	4.9	4.7	4.7	5.5	3.9	2.2	0.4	0.0	0.0	685.9	746.4	837.6	990.9	0.0	0.0	8.2	5.5	25.2	0.7
04	55.7	33.7	44.7	3.8	2.7	3.0	21.6	14.5	7.3	1.8	0.3	0.2	330.6	383.5	466.3	610.8	0.0	0.0	20.9	0.3	12.8	0.0
05	67.1	44.4	55.8	3.3	3.3	3.1	124.7	95.7	62.0	26.3	8.1	4.1	101.5	134.5	193.8	313.0	0.0	0.2	29.6	0.0	2.1	0.0
06	76.9	54.7	65.8	2.5	2.0	2.1	331.2	276.9	201.9	101.7	38.6	23.1	7.3	13.0	28.0	77.8	0.0	1.7	30.0	0.0	0.0	0.0
07	81.0	59.3	70.2	3.3	2.9	3.0	469.6	407.8	316.6	177.4	74.8	46.6	0.0	0.2	2.0	17.9	0.2	3.1	31.0	0.0	0.0	0.0
08	79.5	57.7	68.6	2.5	2.8	2.5	421.8	360.5	270.7	138.2	51.2	30.3	0.3	1.0	4.2	26.7	0.0	1.7	31.0	0.0	0.0	0.0
09	72.9	49.5	61.2	3.0	2.9	2.6	216.0	171.6	114.7	48.7	14.6	8.4	30.0	45.6	78.8	162.7	0.0	0.5	29.9	0.0	0.4	0.0
10	60.0	38.6	49.3	3.1	2.6	2.5	47.4	32.8	17.5	4.9	1.3	0.6	224.1	271.5	349.3	491.7	0.0	0.0	25.6	0.0	8.5	0.0
11	45.2	27.6	36.4	5.6	4.1	4.7	3.2	1.6	0.6	0.0	0.0	0.0	561.2	619.6	708.6	858.0	0.0	0.0	10.4	4.0	20.7	0.0
12	32.9	17.9	25.4	4.7	5.5	5.0	0.0	0.0	0.0	0.0	0.0	0.0	917.6	979.5	1072.5	1227.5	0.0	0.0	1.8	14.4	28.6	3.1
Summary	56.1	36.0	46.1	3.9	3.8	3.7	1641	1365	994	499	189	113	4860	5314	6038	7368	0.2	7.2	220.8	59.0	154.8	15.6

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	1.82	9.0	4.9	1.1	0.3	1.02	1.55	2.51
02	1.76	7.5	4.4	1.0	0.2	0.95	1.45	2.59
03	2.08	9.0	5.0	1.4	0.4	1.04	1.72	3.31
04	3.59	11.5	7.3	2.5	0.7	2.54	3.35	4.31
05	3.96	12.3	8.1	2.7	0.6	2.58	3.60	4.96
06	4.51	10.9	7.6	2.8	1.4	3.14	4.58	5.95
07	3.59	9.1	5.6	2.4	1.1	2.29	2.92	4.28
08	3.55	9.9	6.4	2.3	0.8	2.25	3.50	4.33
09	3.46	8.9	5.6	2.1	1.0	2.03	3.02	4.74
10	2.75	9.7	6.1	1.5	0.6	1.27	2.34	3.75
11	2.38	9.0	5.1	1.5	0.5	1.39	2.11	2.99
12	1.88	8.9	4.9	1.0	0.3	1.02	1.68	2.31
Summary	35.33	115.7	71.0	22.3	7.9	21.52	31.82	46.03

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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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	12.10	6.0	4.3	1.6	0.4	0.1	19.6	15.4	10.6	3.6	6.00	12.50	16.30
02	9.70	4.5	3.2	1.2	0.5	0.0	17.0	13.0	9.7	3.1	2.30	6.80	14.00
03	4.90	2.3	1.6	0.5	0.2	0.0	6.5	4.1	2.3	0.6	1.50	5.00	7.00
04	1.10	0.7	0.4	0.2	0.1	0.0	0.6	0.3	0.1	0.0	0.00	0.00	1.10
05	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
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	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
11	2.20	1.3	0.7	0.3	0.1	0.0	1.7	0.7	0.4	0.0	0.00	0.60	4.00
12	7.70	4.3	2.8	1.3	0.5	0.0	11.6	8.2	4.7	1.7	1.60	5.40	12.20
Summary	37.7	19.1	13.0	5.1	1.8	0.1	57.0	41.7	27.8	9.0	11.4	30.3	54.6

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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	1.5	5.7	52.0	192.1	489.6	773.8	934.5	886.4	636.0	307.0	72.8	8.5
45	0.2	1.5	25.7	104.2	343.7	623.9	779.5	731.5	487.5	190.8	32.9	2.8
50	0.0	0.2	12.2	50.0	218.9	475.0	624.6	576.5	343.9	103.0	11.5	0.9
55	0.0	0.0	5.5	21.6	124.7	331.2	469.6	421.8	216.0	47.4	3.2	0.0
60	0.0	0.0	2.2	7.3	62.0	201.9	316.6	270.7	114.7	17.5	0.6	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.2	4.0	35.5	122.8	287.4	484.7	614.4	574.1	387.2	176.6	41.3	4.3

Growing Degree Units (Accumulated Monthly)												
40	2	7	59	251	741	1515	2449	3336	3972	4279	4351	4360
45	0	2	27	132	475	1099	1879	2610	3098	3288	3321	3324
50	0	0	12	62	281	756	1381	1957	2301	2404	2416	2417
55	0	0	6	27	152	483	953	1374	1590	1638	1641	1641
60	0	0	2	10	72	273	590	861	975	993	994	994
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	5	41	164	451	936	1550	2124	2511	2688	2729	2734

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