

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 780 ft. Lat: 42.6181° N Lon: 89.3867° W
Station: **BRODHEAD WWTP, WI US USC00471078**

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	27.4	10.5	19.0	4.6	6.1	5.3	0.0	0.0	0.0	0.0	0.0	0.0	1117.4	1179.4	1272.4	1427.4	0.0	0.0	1.1	20.1	29.9	8.0
02	31.8	13.6	22.7	5.9	7.2	6.5	0.1	0.0	0.0	0.0	0.0	0.0	904.4	960.3	1044.4	1184.4	0.0	0.0	1.5	14.3	26.5	5.4
03	44.4	24.6	34.5	5.0	4.9	4.8	3.7	2.4	1.2	0.2	0.0	0.0	639.2	699.9	791.8	945.7	0.0	0.0	9.4	4.9	24.9	0.8
04	58.3	35.4	46.9	4.2	2.9	3.4	33.6	23.3	12.3	2.9	0.5	0.2	278.1	327.8	406.8	547.4	0.0	0.0	22.7	0.2	10.8	0.0
05	70.1	47.1	58.6	3.6	3.0	3.1	174.7	138.4	92.7	41.9	14.8	8.1	63.1	88.8	136.1	240.3	0.0	0.5	30.2	0.0	1.0	0.0
06	79.8	57.4	68.6	2.3	2.0	1.9	410.6	353.2	270.4	149.0	63.1	40.0	2.7	5.3	12.5	41.1	0.0	3.1	30.0	0.0	0.0	0.0
07	83.1	61.0	72.0	3.5	2.6	3.0	528.5	466.5	374.1	226.3	106.0	70.9	0.0	0.1	0.6	7.7	0.2	4.4	31.0	0.0	0.0	0.0
08	81.3	58.9	70.1	2.7	3.0	2.7	468.1	406.5	315.6	175.5	71.5	45.0	0.1	0.5	2.6	17.4	0.0	2.6	31.0	0.0	0.0	0.0
09	74.6	50.1	62.4	3.5	3.1	3.0	246.8	200.6	139.4	63.7	21.9	12.8	26.3	40.1	68.9	143.2	0.0	1.3	29.9	0.0	0.5	0.0
10	61.6	38.8	50.2	3.4	2.9	2.8	57.4	40.7	22.8	7.0	2.0	1.1	206.2	251.5	326.6	465.8	0.0	0.0	26.5	0.0	8.1	0.0
11	46.0	27.8	36.9	5.9	4.0	4.8	4.4	2.5	0.8	0.0	0.0	0.0	547.4	605.5	693.8	843.0	0.0	0.0	11.1	3.7	21.1	0.1
12	32.8	17.2	25.0	5.1	5.9	5.4	0.2	0.1	0.0	0.0	0.0	0.0	930.1	991.9	1084.9	1239.9	0.0	0.0	1.9	14.2	28.4	3.5
Summary	57.6	36.9	47.2	4.1	4.0	3.9	1928	1634	1229	666	280	178	4715	5151	5841	7103	0.2	11.9	226.3	57.4	151.2	17.8

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	1.59	9.6	4.5	0.9	0.1	0.99	1.58	2.10
02	1.75	8.4	4.7	0.8	0.2	1.00	1.52	2.49
03	2.11	9.8	5.2	1.2	0.3	1.06	1.97	2.67
04	3.73	12.0	7.3	2.3	0.9	2.57	3.53	5.25
05	4.18	13.3	8.4	2.6	0.9	2.88	4.22	5.39
06	5.56	12.2	8.0	3.5	1.9	3.99	5.17	7.15
07	4.00	9.9	6.1	2.6	1.3	2.30	4.12	5.06
08	4.35	9.9	6.2	2.8	1.2	2.23	3.14	5.29
09	3.78	9.0	6.0	2.6	0.9	2.32	3.52	5.00
10	2.94	9.6	5.5	2.0	0.8	1.43	2.98	4.15
11	2.35	8.6	4.9	1.7	0.4	1.24	1.81	3.14
12	1.96	9.8	4.7	1.1	0.3	1.09	1.57	2.64
Summary	38.30	122.1	71.5	24.1	9.2	23.10	35.13	50.33

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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	10.30	6.9	3.5	1.2	0.4	0.0	21.6	14.7	9.0	1.4	6.20	9.30	14.00
02	9.30	5.7	3.2	1.3	0.3	0.1	19.7	13.5	9.8	1.1	3.00	6.90	14.00
03	4.50	3.0	1.6	0.4	0.1	0.0	8.4	4.3	1.9	0.2	1.80	3.50	6.90
04	0.90	0.7	0.4	0.1	0.0	0.0	0.5	0.1	0.0	0.0	0.00	0.00	0.70
05	0.10	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	0.30	0.2	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
11	2.20	1.3	0.7	0.2	0.1	0.0	1.4	0.4	0.1	0.1	0.00	0.60	2.00
12	9.70	5.4	3.3	1.1	0.3	0.1	11.6	8.2	4.9	0.8	1.80	6.00	12.80
Summary	37.3	23.2	12.8	4.4	1.2	0.2	63.3	41.3	25.7	3.6	12.8	26.3	50.4

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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	1.6	7.5	60.8	243.9	577.3	857.7	993.3	932.9	670.5	332.8	81.4	9.5
45	0.0	2.3	27.8	143.7	426.2	707.8	838.4	777.9	521.9	211.5	38.2	3.5
50	0.0	0.5	10.8	74.0	287.0	558.1	683.5	623.0	377.6	119.6	14.7	1.3
55	0.0	0.1	3.7	33.6	174.7	410.6	528.5	468.1	246.8	57.4	4.4	0.2
60	0.0	0.0	1.2	12.3	92.7	270.4	374.1	315.6	139.4	22.8	0.8	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.1	5.1	41.9	154.8	344.9	553.1	664.4	615.2	416.6	201.1	48.8	4.6

Growing Degree Units (Accumulated Monthly)												
40	2	9	70	314	891	1749	2742	3675	4346	4678	4760	4769
45	0	2	30	174	600	1308	2146	2924	3446	3658	3696	3699
50	0	0	11	85	372	930	1614	2237	2614	2734	2749	2750
55	0	0	4	37	212	623	1151	1619	1866	1924	1928	1928
60	0	0	1	14	106	377	751	1066	1206	1229	1229	1229
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	6	48	203	548	1101	1765	2380	2797	2998	3047	3052

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