

Summary of Monthly Normals
1991-2020

Current Location: Elev: 823 ft. Lat: 43.4583° N Lon: 89.7269° W
Station: **BARABOO, WI US USC00470516**

Generated on 04/27/2024

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	27.5	9.6	18.6	4.7	6.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	1129.8	1191.8	1284.8	1439.8	0.0	0.0	0.8	20.0	30.3	10.6
02	32.2	12.5	22.4	5.8	6.9	6.3	0.0	0.0	0.0	0.0	0.0	0.0	914.1	970.1	1054.1	1194.1	0.0	0.0	2.1	14.1	27.1	6.9
03	44.1	23.1	33.6	5.0	4.9	4.8	6.9	5.0	2.9	1.1	0.0	0.0	670.4	730.4	821.3	974.5	0.0	0.0	9.4	5.1	25.9	1.8
04	57.2	34.1	45.6	4.1	3.2	3.4	27.9	19.3	10.3	3.1	0.6	0.3	308.4	359.8	440.8	583.5	0.0	0.0	21.9	0.3	15.8	0.0
05	69.6	46.2	57.9	3.3	3.0	3.0	162.5	127.4	84.3	37.3	12.4	7.1	72.6	99.5	149.5	257.4	0.0	0.5	30.2	0.0	3.4	0.0
06	79.0	56.2	67.6	2.4	1.9	1.9	382.5	326.4	246.2	131.4	52.7	33.6	4.6	8.5	18.3	53.5	0.0	2.4	30.0	0.0	0.1	0.0
07	82.8	60.1	71.5	3.2	2.9	2.9	509.9	448.0	356.5	213.1	100.0	67.7	0.0	0.2	1.6	13.3	0.3	4.4	31.0	0.0	0.0	0.0
08	80.9	57.6	69.3	2.5	2.8	2.4	442.1	380.9	291.7	159.7	65.1	41.6	0.4	1.3	5.0	28.0	0.0	2.4	31.0	0.0	0.0	0.0
09	73.7	49.7	61.7	3.1	2.9	2.8	233.7	189.6	132.8	62.0	22.4	13.7	32.8	48.7	81.9	161.1	0.0	0.8	29.9	0.0	2.1	0.0
10	60.5	38.4	49.5	3.2	3.1	2.8	53.7	38.4	22.1	7.6	2.3	1.4	225.8	272.4	349.2	489.6	0.0	0.0	26.2	0.0	12.3	0.0
11	45.5	27.6	36.6	5.8	3.5	4.5	4.5	2.6	1.1	0.1	0.0	0.0	558.1	616.1	704.6	853.6	0.0	0.0	10.8	4.0	23.0	0.3
12	33.2	16.6	24.9	4.8	6.0	5.3	0.1	0.0	0.0	0.0	0.0	0.0	933.1	995.0	1088.0	1243.0	0.0	0.0	2.0	14.1	29.0	4.7
Summary	57.2	36.0	46.6	4.0	4.0	3.8	1824	1538	1148	615	256	165	4850	5294	5999	7291	0.3	10.5	225.3	57.6	169.0	24.3

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	1.35	8.3	4.2	0.6	0.0	0.69	1.08	1.95
02	1.36	7.3	3.8	0.6	0.1	0.81	1.18	1.84
03	2.21	9.1	5.0	1.3	0.3	1.20	1.96	3.06
04	4.16	11.2	7.2	2.6	1.1	2.71	4.12	5.43
05	4.28	13.1	8.6	2.8	1.0	3.08	3.75	5.17
06	5.58	11.8	8.2	3.3	1.8	3.26	5.34	7.53
07	4.79	10.2	6.2	3.0	1.3	2.26	3.88	6.19
08	4.53	10.1	6.4	3.0	1.3	3.04	3.92	4.91
09	3.85	10.4	6.6	2.4	0.9	2.22	3.47	4.53
10	2.91	10.4	5.8	1.7	0.6	1.60	2.66	4.19
11	2.20	8.1	4.2	1.4	0.6	1.26	2.01	2.92
12	1.68	8.9	4.3	0.8	0.2	0.83	1.49	2.19
Summary	38.90	118.9	70.5	23.5	9.2	22.96	34.86	49.91

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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	11.30	6.7	4.0	1.3	0.4	0.0	21.8	17.3	12.3	2.4	6.90	10.60	14.20
02	10.10	5.8	3.3	1.4	0.4	0.0	22.6	17.4	12.1	3.2	5.70	8.70	15.00
03	5.90	3.1	2.1	0.8	0.2	0.0	10.9	6.9	4.0	1.0	3.50	6.00	7.60
04	2.60	1.0	0.9	0.4	0.1	0.0	1.6	0.6	0.2	0.0	0.00	0.60	3.00
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	0.40	0.2	0.1	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
11	2.10	1.5	0.7	0.2	0.1	0.0	3.0	1.0	0.3	0.0	0.00	1.20	3.00
12	10.30	5.5	3.4	1.0	0.5	0.1	15.3	8.3	6.0	1.1	2.30	5.70	14.60
Summary	42.7	23.8	14.5	5.1	1.7	0.1	75.4	51.6	34.9	7.7	18.4	32.8	57.4

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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	1.4	7.2	61.9	219.3	555.8	827.7	974.7	906.5	651.0	313.7	77.9	8.6
45	0.0	1.9	30.7	126.8	406.5	677.9	819.8	751.6	502.9	196.4	35.7	2.4
50	0.0	0.3	14.6	64.2	271.7	528.4	664.8	596.6	360.0	109.5	14.5	0.6
55	0.0	0.0	6.9	27.9	162.5	382.5	509.9	442.1	233.7	53.7	4.5	0.1
60	0.0	0.0	2.9	10.3	84.3	246.2	356.5	291.7	132.8	22.1	1.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.9	4.7	41.7	144.0	338.4	534.4	652.0	595.6	409.3	188.6	45.4	4.3
Growing Degree Units (Accumulated Monthly)												
40	1	9	70	290	846	1673	2648	3554	4206	4519	4597	4606
45	0	2	33	159	566	1244	2064	2815	3318	3514	3550	3553
50	0	0	15	79	351	879	1544	2141	2501	2610	2625	2625
55	0	0	7	35	197	580	1090	1532	1765	1819	1824	1824
60	0	0	3	13	98	344	700	992	1125	1147	1148	1148
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	6	47	191	530	1064	1716	2312	2721	2910	2955	2959

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