

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 858 ft. Lat: 43.1003° N Lon: 88.5036° W
Station: **OCONOMOWOC WWTP, WI US USC00476200**

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	28.1	11.1	19.6	4.6	5.9	5.2	0.0	0.0	0.0	0.0	0.0	0.0	1097.1	1159.1	1252.2	1407.2	0.0	0.0	0.9	20.2	29.5	7.8
02	32.0	14.0	23.0	5.8	6.9	6.3	0.0	0.0	0.0	0.0	0.0	0.0	895.9	951.9	1035.9	1175.9	0.0	0.0	1.5	14.6	26.5	5.4
03	43.7	24.6	34.2	4.9	4.6	4.7	6.8	5.1	3.1	0.9	0.1	0.0	653.2	713.5	804.4	957.3	0.0	0.0	8.5	5.3	23.9	0.8
04	56.4	35.8	46.1	3.9	3.0	3.3	30.3	20.8	11.3	3.1	0.6	0.3	297.3	347.8	428.3	570.1	0.0	0.0	21.0	0.4	9.9	0.0
05	68.6	47.2	57.9	3.5	3.0	3.1	160.4	125.2	83.0	36.8	11.7	6.1	70.5	97.3	148.1	256.9	0.0	0.2	30.1	0.0	1.0	0.0
06	78.4	57.0	67.7	2.5	1.9	2.1	384.4	328.2	247.9	133.3	54.1	34.0	3.6	7.4	17.0	52.4	0.0	1.7	30.0	0.0	0.0	0.0
07	82.3	61.2	71.8	3.2	2.6	2.9	519.1	457.2	364.9	217.8	99.2	64.7	0.0	0.1	0.7	8.6	0.2	3.2	31.0	0.0	0.0	0.0
08	80.6	59.7	70.2	2.5	2.7	2.5	469.7	408.1	316.9	176.5	71.0	43.4	0.2	0.6	2.4	16.9	0.0	1.5	31.0	0.0	0.0	0.0
09	73.8	51.6	62.7	3.1	2.7	2.7	255.6	208.4	145.8	67.3	22.9	13.3	24.8	37.6	64.9	136.3	0.0	0.8	29.9	0.0	0.2	0.0
10	60.8	39.8	50.3	3.3	2.8	2.8	59.4	42.9	24.3	7.4	1.9	1.0	205.1	250.5	325.0	463.1	0.0	0.0	26.1	0.0	7.0	0.0
11	46.0	28.6	37.3	5.6	4.0	4.7	4.9	2.9	1.2	0.1	0.0	0.0	535.9	593.9	682.2	831.1	0.0	0.0	10.5	3.8	19.5	0.1
12	33.7	18.0	25.9	4.8	5.6	5.1	0.2	0.0	0.0	0.0	0.0	0.0	903.7	965.6	1058.6	1213.6	0.0	0.0	2.0	13.8	28.0	3.0
Summary	57.0	37.4	47.2	4.0	3.8	3.8	1891	1599	1198	643	261	163	4687	5125	5820	7089	0.2	7.4	222.5	58.1	145.5	17.1

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	1.65	11.0	4.8	0.7	0.1	0.87	1.56	2.21
02	1.61	9.8	4.3	0.8	0.1	0.90	1.36	2.47
03	2.10	9.9	5.0	1.2	0.3	1.01	1.69	3.02
04	3.86	12.3	7.4	2.6	1.0	2.83	3.89	4.87
05	4.14	13.2	8.2	2.6	0.8	2.74	3.82	4.79
06	4.86	11.7	7.4	3.1	1.4	3.27	4.62	6.21
07	4.12	10.4	6.4	2.7	1.0	2.89	3.51	5.34
08	4.17	9.9	6.7	2.6	1.2	2.37	3.35	5.19
09	3.39	9.5	5.8	2.4	0.9	1.68	3.35	5.12
10	2.83	10.8	6.2	1.9	0.5	1.29	2.41	4.40
11	2.21	9.7	5.2	1.6	0.3	1.40	1.93	3.19
12	1.87	11.0	4.8	0.8	0.2	1.17	1.51	2.24
Summary	36.81	129.2	72.2	23.0	7.8	22.42	33.00	49.05

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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	11.10	8.9	4.0	1.1	0.3	0.0	21.6	16.2	10.6	1.0	6.70	11.70	14.00
02	9.80	7.2	3.1	0.9	0.3	0.0	18.5	13.1	8.8	1.3	3.50	9.30	12.20
03	4.80	4.2	1.6	0.4	0.1	0.0	7.6	4.7	2.6	0.4	1.90	4.90	7.10
04	2.00	1.5	0.7	0.2	0.0	0.0	0.9	0.3	0.2	0.0	0.00	0.70	3.00
05	0.20	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	0.10	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	1.40	1.8	0.8	0.1	0.1	0.0	2.1	0.8	0.1	0.0	0.00	0.40	2.70
12	10.20	7.5	3.1	1.1	0.3	0.0	13.4	8.1	4.7	1.3	3.10	7.90	12.50
Summary	39.6	31.2	13.4	3.8	1.1	0.0	64.2	43.2	27.0	4.0	15.2	34.9	51.5

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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	2.1	8.0	61.8	227.5	555.4	830.9	984.1	934.5	681.0	335.4	85.9	10.5
45	0.2	2.5	31.5	132.2	405.4	680.9	829.1	779.5	532.2	213.9	40.1	3.2
50	0.0	0.5	14.9	67.3	269.7	531.1	674.2	624.6	387.7	121.3	15.7	1.1
55	0.0	0.0	6.8	30.3	160.4	384.4	519.1	469.7	255.6	59.4	4.9	0.2
60	0.0	0.0	3.1	11.3	83.0	247.9	364.9	316.9	145.8	24.3	1.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.2	4.7	39.6	134.3	324.5	532.9	659.8	619.1	418.9	191.9	46.6	4.8

Growing Degree Units (Accumulated Monthly)												
40	2	10	72	299	855	1686	2670	3604	4285	4621	4707	4717
45	0	3	34	166	572	1253	2082	2861	3394	3607	3648	3651
50	0	0	15	83	352	884	1558	2182	2570	2691	2707	2708
55	0	0	7	37	198	582	1101	1571	1826	1886	1891	1891
60	0	0	3	14	97	345	710	1027	1173	1197	1198	1198
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	6	46	180	504	1037	1697	2316	2735	2927	2974	2978

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