



Oconomowoc, Wisconsin

Average Temperature (°F)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann'l
1914	16.2	23.3	45.9	48.4	53.6	62.4	71.8	71.8	63.8	50.4	42.3	19.2	46.1
1915	23.0	23.6	45.0	50.4	56.6	66.9	70.0	70.2	60.7	47.8	36.4	18.5	48.9
1916	24.1	15.8	29.4	45.0	52.0	64.0	72.6	77.4	62.2	55.4	38.8	27.0	46.3
1917	13.2	19.6	31.4	51.2	55.2	65.0	73.4	75.5	64.4	59.2	30.0	24.0	46.3
1918	22.3	21.3	32.6	46.2	59.1	71.1	74.5	71.2	65.6	48.1	39.6	25.0	47.6
1919	22.3	21.3	32.6	46.2	59.1	71.1	74.5	71.2	65.6	55.9	36.7	26.0	47.6
1950	23.2	21.1	27.5	39.7	56.8	66.1	69.1	65.9	60.5	54.8	32.1	14.8	44.3
1951	15.1	21.2	29.8	44.0	60.3	63.6	70.1	67.0	58.9	51.2	28.6	20.7	44.2
1952	20.2	22.1	29.2	49.1	56.9	68.7	74.3	69.0	62.1	44.7	30.4	27.4	47.4
1953	23.6	22.6	33.9	42.7	58.1	69.9	73.2	71.6	62.6	55.4	40.6	27.5	48.7
1954	20.3	36.4	30.9	50.1	53.1	70.3	72.2	68.9	63.3	50.4	38.5	24.9	47.9
1955	19.4	22.2	31.6	44.8	56.8	65.6	77.1	75.0	63.8	52.0	32.0	20.1	47.7
1956	22.5	27.4	30.2	44.8	56.8	67.6	69.1	70.0	60.3	58.6	37.0	27.1	47.3
1957	13.4	27.4	33.1	47.9	56.1	67.6	72.9	71.1	60.6	48.2	36.2	29.1	47.0
1958	20.5	15.9	33.6	47.9	60.1	62.6	70.3	72.1	63.3	54.2	38.8	18.0	46.5
1959	11.9	17.8	30.1	46.8	63.2	69.4	70.9	75.0	65.4	47.4	28.5	31.3	46.4
1960	23.1	21.9	29.2	49.9	55.6	65.2	69.7	71.7	64.9	50.2	39.0	22.2	46.1
1961	19.1	30.1	35.3	42.1	55.5	67.5	71.6	71.7	65.0	52.3	36.9	21.3	47.3
1962	13.2	20.3	30.9	46.8	55.4	68.3	71.7	71.7	59.3	52.3	38.9	21.5	46.2
1963	7.8	11.5	34.4	49.6	56.4	70.5	74.2	68.7	62.7	60.7	41.7	13.3	46.2
1964	25.7	25.7	32.4	49.6	56.4	70.5	74.2	68.7	62.7	60.7	41.7	13.3	46.2

Selected rainfall intensities with probable frequency of recurrence. (Inches)  
Oconomowoc, Wisconsin

Return period years	30 minutes	1 hour	2 hours	3 hours	6 hours	12 hours	24 hours
1	1.0	1.2	1.4	1.5	1.7	2.0	2.3
2	1.1	1.4	1.6	1.8	2.0	2.4	2.6
5	1.4	1.7	2.0	2.2	2.5	3.0	3.5
10	1.5	1.9	2.3	2.5	3.0	3.5	3.9
25	1.7	2.2	2.6	2.9	3.4	4.0	4.5
50	1.9	2.4	2.9	3.2	3.8	4.4	5.0
100	2.2	2.7	3.2	3.5	4.1	5.0	5.6

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Total Precipitation (Inches)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann'l
1914	0.26	0.86	1.22	3.30	4.20	4.74	0.89	2.84	2.58	0.35	2.31	1.31	31.19
1915	2.02	1.07	2.22	1.23	1.82	5.02	2.42	2.28	2.69	0.69	3.70	1.03	26.57
1916	1.95	1.43	1.44	4.10	6.73	5.61	3.34	3.77	1.15	1.30	2.32	1.78	26.57
1917	0.59	1.43	3.08	3.10	3.70	1.47	1.55	1.65	0.61	1.97	2.18	1.43	37.81
1918	2.25	1.62	1.67	1.19	2.20	4.27	4.53	1.82	1.42	0.74	2.61	2.15	23.00
1919	2.18	0.93	2.20	3.25	2.68	4.95	6.42	2.24	3.19	1.48	0.74	2.25	25.44
1950	1.69	1.81	2.71	5.04	1.76	2.06	3.44	4.57	1.85	0.66	1.29	2.08	32.07
1951	1.92	0.30	2.93	1.66	2.50	3.40	10.00	1.00	1.00	1.82	1.19	1.19	32.30
1952	1.32	1.76	1.51	2.77	2.28	2.95	5.31	3.44	1.85	0.84	3.77	1.65	32.68
1953	0.74	0.81	0.89	4.72	2.61	9.53	4.62	5.61	4.07	3.08	0.45	1.60	27.08
1954	0.82	1.33	0.82	3.45	6.32	5.17	9.64	0.83	2.08	2.90	0.55	0.44	34.35
1955	0.30	0.69	2.32	4.20	4.06	3.90	5.58	4.09	0.71	1.99	1.33	1.33	29.35
1956	0.51	1.13	1.13	3.08	4.24	5.63	1.78	3.63	1.34	1.31	1.92	1.85	28.22
1957	0.66	0.09	0.49	1.69	3.00	2.18	2.10	2.66	3.52	4.57	2.26	0.62	24.14
1958	1.42	1.26	1.66	3.68	1.60	2.74	3.74	3.47	2.68	4.57	1.81	1.71	30.34
1959	2.65	1.15	1.63	3.39	3.78	1.95	4.26	7.36	5.19	2.44	1.66	0.10	35.56
1960	1.32	0.58	2.63	2.70	1.40	2.45	4.02	1.90	7.09	3.88	1.32	0.81	30.70
1961	1.22	0.15	1.00	0.99	2.87	1.99	3.19	2.31	3.97	1.71	2.32	0.78	21.01
1962	0.48	0.38	1.70	1.66	1.83	2.40	2.06	3.19	1.56	0.58	1.90	0.38	18.12
1963	0.72	0.15	2.23	1.66	1.83	2.40	2.06	3.19	1.56	0.58	1.90	0.38	18.12
1964	0.72	0.15	2.23	1.66	1.83	2.40	2.06	3.19	1.56	0.58	1.90	0.38	18.12

Heat Growth Units

Mean to a base:	April	May	June	July	Aug.	Sept.	Oct.	Total for Period
40°	250	540	820	990	960	670	390	4620
45°	150	390	670	830	810	520	270	3640
50°	80	260	520	680	650	370	160	2720

\*Heat growth units are a measure of the departure of mean daily temperatures above a selected threshold temperature. Below the threshold it is assumed there is negligible growth or development of a specific species of plant or insect.

Station History

A climatological station was established 1.4 miles southwest of the Oconomowoc Post Office in Aepler's Orchards July 1, 1914. The official weather observer since the inauguration of the program has been Mr. Carl W. Aepler. His interest and concern in taking and recording accurate daily weather observations is commendable. Mr. Aepler's records make it possible to give quantitative expression to the climate of Oconomowoc.

The meteorological instruments are located over sod in a good exposure.