

Wisconsin State Climatology Office

Modified Growing Degree Day Units [Base 50°F/Ceiling 86°F]: West central Wisconsin

Data Source: Midwestern Regional Climate Center

Jan 1895 -Dec 2023

SPRING SUMMER FALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	MAM	JJA	SON
1895	0	1	16	219	383	530	570	584	467	102	39	0	2911	618	1684	608
1896	0	4	7	201	442	541	596	597	256	124	7	1	2776	650	1734	387
1897	0	0	15	106	297	475	682	472	529	219	24	0	2819	418	1629	772
1898	0	0	21	116	319	541	636	560	420	104	18	0	2735	456	1737	542
1899	0	0	0	189	330	523	654	639	323	231	39	0	2928	519	1816	593
1900	0	0	1	217	411	526	614	765	378	291	15	0	3218	629	1905	684
1901	0	0	2	213	367	584	778	632	326	183	8	0	3093	582	1994	517
1902	0	0	56	153	392	441	687	521	304	178	22	0	2754	601	1649	504
1903	0	0	37	119	368	451	599	483	328	188	35	0	2608	524	1533	551
1904	0	0	1	101	328	465	547	499	355	158	53	0	2507	430	1511	566
1905	0	0	54	112	275	479	594	601	417	143	19	0	2694	441	1674	579
1906	0	0	0	193	330	502	606	657	467	159	21	0	2935	523	1765	647
1907	0	0	38	41	190	467	607	540	339	148	2	0	2372	269	1614	489
1908	0	0	15	165	334	458	630	542	504	186	30	0	2864	514	1630	720
1909	0	0	0	40	324	508	624	676	367	137	58	0	2734	364	1808	562
1910	0	0	163	248	263	550	661	580	355	243	0	0	3063	674	1791	598
1911	0	0	51	140	487	632	610	525	332	101	0	0	2878	678	1767	433
1912	0	0	3	182	343	439	615	504	381	187	32	0	2686	528	1558	600
1913	0	0	17	208	280	594	608	625	377	162	37	1	2909	505	1827	576
1914	0	0	6	151	382	492	700	570	374	265	29	0	2969	539	1762	668
1915	0	0	0	293	208	384	518	456	347	182	32	0	2420	501	1358	561
1916	0	0	13	104	301	375	780	634	346	156	31	2	2742	418	1789	533
1917	0	0	3	73	269	391	621	496	308	44	52	0	2257	345	1508	404
1918	0	0	69	106	396	476	584	603	235	184	42	0	2695	571	1663	461
1919	0	0	22	105	312	600	671	539	425	125	3	0	2802	439	1810	553
1920	0	0	53	58	328	540	558	545	442	306	1	0	2831	439	1643	749
1921	0	7	43	213	393	636	753	602	429	165	2	0	3243	649	1991	596
1922	0	0	5	109	409	529	557	619	439	224	36	0	2927	523	1705	699
1923	0	1	5	141	343	584	707	517	375	153	30	2	2858	489	1808	558
1924	0	0	0	95	183	412	553	511	258	284	29	0	2325	278	1476	571
1925	0	0	59	236	297	502	576	611	440	43	17	0	2781	592	1689	500
1926	0	0	5	142	394	400	628	567	304	124	7	0	2571	541	1595	435
1927	0	0	29	116	247	433	540	462	428	201	3	0	2459	392	1435	632
1928	0	0	55	83	371	390	644	595	307	194	18	0	2657	509	1629	519
1929	0	0	21	152	285	465	648	568	352	166	3	0	2660	458	1681	521
1930	0	20	24	192	339	518	670	624	392	165	88	0	3032	555	1812	645
1931	0	6	1	204	306	631	700	587	512	210	70	0	3227	511	1918	792
1932	0	1	7	131	351	598	660	626	358	115	16	1	2864	489	1884	489
1933	0	0	7	128	350	705	723	579	494	157	13	0	3156	485	2007	664
1934	0	1	19	149	544	629	695	570	321	226	27	0	3181	712	1894	574
1935	0	0	27	103	238	421	786	624	383	165	1	0	2748	368	1831	549
1936	0	0	14	81	463	484	758	677	469	144	7	1	3098	558	1919	620
1937	0	0	2	89	365	500	705	743	431	124	22	0	2981	456	1948	577
1938	0	0	89	183	308	494	687	668	383	285	31	0	3128	580	1849	699
1939	0	0	51	143	487	555	694	609	460	162	38	11	3210	681	1858	660
1940	0	0	4	98	304	509	690	553	448	211	15	0	2832	406	1752	674
1941	0	0	5	238	447	544	666	627	430	171	40	4	3172	690	1837	641
1942	0	0	16	266	288	497	613	586	329	213	27	0	2835	570	1696	569
1943	0	0	35	126	297	572	697	632	297	176	0	0	2832	458	1901	473
1944	5	0	0	100	435	578	609	608	368	209	39	0	2951	535	1795	616
1945	0	0	123	110	227	393	588	584	338	165	27	0	2555	460	1565	530
1946	0	0	105	206	269	521	661	530	352	216	14	5	2879	580	1712	582
1947	0	0	6	71	222	437	629	758	444	324	8	0	2899	299	1824	776
1948	0	0	37	228	316	488	692	643	519	202	28	2	3155	581	1823	749
1949	0	0	8	169	411	632	741	669	320	247	44	2	3243	588	2042	611
1950	0	0	0	44	302	523	572	505	367	270	16	0	2599	346	1600	653
1951	0	0	2	71	414	437	622	515	291	166	6	4	2528	487	1574	463
1952	0	0	2	214	309	564	686	558	409	146	49	0	2937	525	1808	604
1953	0	0	20	58	353	583	638	637	402	328	88	0	3107	431	1858	818
1954	0	5	5	179	240	609	672	573	343	129	48	0	2803	424	1854	520
1955	0	0	18	227	407	482	774	699	414	207	1	0	3229	652	1955	622
1956	0	0	1	78	326	623	563	609	333	299	49	0	2881	405	1795	681
1957	0	0	8	182	309	518	730	581	337	142	8	0	2815	499	1829	487

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1958	0	6	12	153	373	403	583	608	406	238	54	0	2836	538	1594	698
1959	0	0	11	133	421	562	644	706	409	84	3	1	2974	565	1912	496
1960	0	0	13	161	332	444	619	651	411	193	22	2	2848	506	1714	626
1961	0	1	14	59	312	537	619	639	378	215	21	4	2799	385	1795	614
1962	0	0	5	136	418	495	557	578	313	232	8	16	2758	559	1630	553
1963	0	0	66	170	304	582	671	556	410	355	47	0	3161	540	1809	812
1964	0	2	7	162	438	553	710	554	363	169	82	0	3040	607	1817	614
1965	0	0	0	76	410	483	591	539	239	204	38	2	2582	486	1613	481
1966	0	0	39	80	283	545	707	534	376	181	9	0	2754	402	1786	566
1967	0	0	34	111	254	520	580	523	380	168	11	1	2582	399	1623	559
1968	0	0	107	186	258	498	619	602	360	208	15	3	2856	551	1719	583
1969	0	0	2	163	372	353	638	658	403	137	31	0	2757	537	1649	571
1970	0	0	0	164	373	572	686	607	370	181	4	1	2958	537	1865	555
1971	0	0	6	184	285	627	556	547	425	265	29	0	2924	475	1730	719
1972	0	0	1	98	417	488	580	586	337	128	3	0	2638	516	1654	468
1973	0	0	54	110	243	543	663	639	355	282	12	0	2901	407	1845	649
1974	0	0	9	166	265	440	715	547	301	185	27	0	2655	440	1702	513
1975	0	0	0	56	398	512	683	611	286	244	93	1	2884	454	1806	623
1976	0	9	48	199	316	562	679	608	386	142	9	0	2958	563	1849	537
1977	0	0	48	283	546	508	711	507	358	142	35	0	3138	877	1726	535
1978	0	0	27	108	391	503	602	611	465	146	57	0	2910	526	1716	668
1979	0	0	1	102	282	485	631	556	413	134	23	1	2628	385	1672	570
1980	0	0	5	187	416	518	694	604	358	110	24	0	2916	608	1816	492
1981	4	20	49	169	318	504	633	599	334	127	64	0	2821	536	1736	525
1982	0	0	8	118	406	397	690	576	344	160	16	8	2723	532	1663	520
1983	0	0	15	87	227	529	738	713	397	145	23	0	2874	329	1980	565
1984	0	1	1	132	283	551	606	656	329	207	11	1	2778	416	1813	547
1985	0	0	26	245	423	451	632	509	369	151	3	0	2809	694	1592	523
1986	0	0	68	195	376	529	688	502	341	151	9	0	2859	639	1719	501
1987	0	0	62	273	435	594	732	566	391	88	39	0	3180	770	1892	518
1988	0	0	14	162	472	614	712	683	403	106	8	0	3174	648	2009	517
1989	0	0	28	128	340	495	698	593	386	212	2	0	2882	496	1786	600
1990	0	1	48	190	277	553	627	607	436	163	58	0	2960	515	1787	657
1991	0	0	30	183	426	637	635	610	344	147	0	0	3012	639	1882	491
1992	0	0	11	87	383	450	485	479	345	152	1	0	2393	481	1414	498
1993	0	0	14	83	297	434	615	613	227	140	3	0	2426	394	1662	370
1994	0	1	21	137	370	584	578	500	427	187	25	0	2830	528	1662	639
1995	0	0	38	63	282	603	671	751	344	140	0	0	2892	383	2025	484
1996	0	1	6	92	253	508	562	593	364	164	5	0	2548	351	1663	533
1997	0	0	19	127	234	562	614	515	384	206	0	0	2661	380	1691	590
1998	0	1	39	203	454	480	665	635	489	167	34	24	3191	696	1780	690
1999	0	1	37	155	364	527	732	561	357	166	67	0	2967	556	1820	590
2000	0	17	88	147	360	469	624	612	364	237	26	0	2944	595	1705	627
2001	0	0	0	176	317	518	674	645	334	138	120	12	2934	493	1837	592
2002	1	0	4	149	268	571	745	595	434	77	15	0	2859	421	1911	526
2003	1	0	53	171	300	485	637	673	389	187	14	0	2910	524	1795	590
2004	0	1	27	170	281	444	599	469	480	154	29	0	2654	478	1512	663
2005	0	2	33	197	267	637	686	593	463	221	40	0	3139	497	1916	724
2006	0	0	14	215	355	539	735	609	295	118	33	0	2913	584	1883	446
2007	0	0	68	166	409	569	659	606	422	240	16	0	3155	643	1834	678
2008	0	0	0	113	268	490	647	571	387	166	49	0	2691	381	1708	602
2009	0	0	30	132	310	468	483	512	407	40	46	0	2428	472	1463	493
2010	0	0	72	237	364	507	717	705	304	219	38	0	3163	673	1929	561
2011	0	0	3	82	303	503	755	619	324	219	25	0	2833	388	1877	568
2012	1	0	211	148	411	583	782	581	379	111	34	4	3245	770	1946	524
2013	0	0	0	62	303	488	648	606	445	140	4	0	2696	365	1742	589
2014	0	0	9	73	316	567	568	628	348	114	6	0	2629	398	1763	468
2015	0	0	45	161	326	518	633	549	509	165	71	0	2977	532	1700	745
2016	0	4	50	139	359	550	676	644	429	191	99	0	3141	548	1870	719
2017	0	21	17	135	276	535	664	504	447	183	9	5	2796	428	1703	639
2018	0	0	1	78	467	599	675	625	425	69	0	0	2939	546	1899	494
2019	0	0	4	101	226	483	705	552	437	88	0	0	2596	331	1740	525
2020	0	0	8	97	302	573	714	624	312	97	84	0	2811	407	1911	493
2021	0	0	49	136	334	648	659	627	411	247	28	3	3142	519	1934	686
2022	0	0	13	41	349	533	664	597	408	177	52	0	2834	403	1794	637
2023	0	0	0	123	371	590	610	620	458	188	37	1	2998	494	1820	683

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YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	MAM	JJA	SON
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Multi-year Statistics

Interval/	1895	2022														
AVE	0.1	1.1	26.3	143.8	339.1	518.5	650.6	591.0	380.0	176.2	27.2	1.0	2854.9	509.2	1760.1	583.4
MEDIAN	0.0	0.0	14.5	140.5	329.0	518.0	651.0	596.0	377.5	166.0	23.5	0.0	2859.0	514.5	1786.0	572.5
STD	0.6	3.6	32.6	56.5	71.4	67.1	62.5	62.6	60.7	58.5	23.9	3.1	219.0	107.1	136.0	88.9
MAX	5.0	21.0	211.0	293.0	546.0	705.0	786.0	765.0	529.0	355.0	120.0	24.0	3245.0	877.0	2042.0	818.0
MIN	0.0	0.0	0.0	40.0	183.0	353.0	483.0	456.0	227.0	40.0	0.0	0.0	2257.0	269.0	1358.0	370.0
Count	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128

Interval/	1901	2000														
AVE	0.1	1.0	25.9	143.8	341.1	514.3	648.0	589.0	374.8	181.2	25.2	1.0	2845.5	510.9	1751.3	581.3
MEDIAN	0.0	0.0	14.5	140.5	333.0	508.5	641.0	593.0	368.5	167.5	22.0	0.0	2858.5	515.5	1773.5	570.5
STD	0.6	3.5	29.8	57.8	74.9	71.0	62.5	62.4	58.1	56.6	21.9	3.2	222.6	107.4	138.4	87.2
MAX	5.0	20.0	163.0	293.0	546.0	705.0	786.0	758.0	519.0	355.0	93.0	24.0	3243.0	877.0	2042.0	818.0
MIN	0.0	0.0	0.0	40.0	183.0	353.0	485.0	456.0	227.0	43.0	0.0	0.0	2257.0	269.0	1358.0	370.0

Interval/	1951	2000														
AVE	0.1	1.3	23.7	144.6	348.9	520.4	647.2	592.3	368.1	179.5	26.0	1.4	2853.6	517.3	1759.9	573.6
MEDIAN	0.0	0.0	14.0	150.0	356.5	519.0	638.0	596.0	366.5	166.0	21.5	0.0	2866.5	520.5	1783.0	562.0
STD	0.6	3.9	24.3	55.1	71.8	62.6	58.5	59.1	49.2	56.6	24.5	4.1	191.6	109.5	118.8	85.6
MAX	4.0	20.0	107.0	283.0	546.0	637.0	774.0	751.0	489.0	355.0	93.0	24.0	3229.0	877.0	2025.0	818.0
MIN	0.0	0.0	0.0	56.0	227.0	353.0	485.0	479.0	227.0	84.0	0.0	0.0	2393.0	329.0	1414.0	370.0

Interval/	1991	2020														
AVE	0.1	1.6	31.7	136.0	328.4	529.4	652.8	592.6	387.2	154.8	29.8	1.5	2845.8	496.1	1774.8	571.7
MEDIAN	0.0	0.0	20.0	138.0	313.0	522.5	661.5	606.0	385.5	159.0	25.0	0.0	2875.5	487.0	1787.5	578.5
STD	0.3	4.7	40.4	46.5	62.0	54.6	70.3	63.1	63.3	49.8	31.0	4.8	232.4	111.6	142.0	88.8
MAX	1.0	21.0	211.0	237.0	467.0	637.0	782.0	751.0	509.0	240.0	120.0	24.0	3245.0	770.0	2025.0	745.0
MIN	0.0	0.0	0.0	62.0	226.0	434.0	483.0	469.0	227.0	40.0	0.0	0.0	2393.0	331.0	1414.0	370.0

Interval/	1981	2010														
AVE	0.2	1.5	30.8	156.7	337.3	523.3	650.6	595.0	376.3	159.2	26.5	1.5	2859.0	524.8	1769.0	562.0
MEDIAN	0.0	0.0	27.5	158.5	329.0	522.5	653.0	597.0	376.5	157.0	19.5	0.0	2878.0	519.5	1786.5	554.0
STD	0.7	4.6	23.4	49.7	67.1	60.5	66.1	69.3	55.2	45.6	26.2	4.9	220.8	113.2	149.5	76.8
MAX	4.0	20.0	88.0	273.0	472.0	637.0	745.0	751.0	489.0	240.0	120.0	24.0	3191.0	770.0	2025.0	724.0
MIN	0.0	0.0	0.0	63.0	227.0	397.0	483.0	469.0	227.0	40.0	0.0	0.0	2393.0	329.0	1414.0	370.0

Interval/	1971	2000														
AVE	0.1	1.7	27.4	149.0	351.3	521.9	648.4	589.6	368.6	166.5	23.5	1.2	2849.2	527.6	1759.9	558.6
MEDIAN	0.0	0.0	23.5	142.0	362.0	515.0	649.0	596.0	361.0	151.5	19.5	0.0	2883.0	521.0	1733.0	536.0
STD	0.7	4.8	22.5	57.2	78.7	58.7	59.4	62.0	51.4	45.4	23.4	4.5	198.2	127.4	124.4	74.9
MAX	4.0	20.0	88.0	283.0	546.0	637.0	738.0	751.0	489.0	282.0	93.0	24.0	3191.0	877.0	2025.0	719.0
MIN	0.0	0.0	0.0	56.0	227.0	397.0	485.0	479.0	227.0	88.0	0.0	0.0	2393.0	329.0	1414.0	370.0

Interval/	1961	1990														
AVE	0.1	1.1	26.4	150.0	351.3	518.0	654.9	587.0	366.9	177.9	27.0	1.3	2862.0	527.6	1760.0	571.8
MEDIAN	0.0	0.0	14.5	162.0	356.0	519.0	667.0	589.5	369.5	165.5	22.0	0.0	2866.5	529.0	1761.0	557.0
STD	0.7	3.9	26.7	56.8	77.4	57.4	52.3	51.4	45.5	56.4	23.4	3.2	164.1	116.9	101.4	73.0
MAX	4.0	20.0	107.0	283.0	546.0	627.0	738.0	713.0	465.0	355.0	93.0	16.0	3180.0	877.0	2009.0	812.0
MIN	0.0	0.0	0.0	56.0	227.0	353.0	556.0	502.0	239.0	88.0	2.0	0.0	2582.0	329.0	1592.0	468.0

Interval/	1951	1980														
AVE	0.0	0.8	18.8	141.9	348.8	518.3	647.4	591.4	367.7	192.0	30.2	1.2	2858.6	509.5	1757.2	589.9
MEDIAN	0.0	0.0	8.5	157.0	342.5	518.0	641.0	594.0	373.0	181.0	23.5	0.0	2868.5	511.0	1790.5	570.5
STD	0.0	2.1	24.3	55.6	71.2	62.1	55.8	49.9	48.1	64.3	25.4	3.0	173.2	98.1	98.1	90.5
MAX	0.0	9.0	107.0	283.0	546.0	627.0	774.0	706.0	465.0	355.0	93.0	16.0	3229.0	877.0	1955.0	818.0
MIN	0.0	0.0	0.0	56.0	240.0	353.0	556.0	507.0	239.0	84.0	1.0	0.0	2528.0	385.0	1574.0	463.0

Interval/	1941	1970														
AVE	0.2	0.5	23.4	144.0	337.3	518.3	645.9	602.3	370.4	205.8	27.9	1.6	2877.5	504.7	1766.5	604.1
MEDIAN	0.0	0.0	9.5	157.0	321.0	522.0	638.0	604.5	369.0	203.0	24.5	0.0	2852.0	530.0	1795.0	593.5
STD	0.9	1.4	33.0	59.6	67.3	67.5	55.0	59.5	52.9	60.6	22.4	3.1	195.8	88.3	119.1	93.3
MAX	5.0	6.0	123.0	266.0	447.0	632.0	774.0	758.0	519.0	355.0	88.0	16.0	3243.0	690.0	2042.0	818.0
MIN	0.0	0.0	0.0	44.0	222.0	353.0	557.0	505.0	239.0	84.0	0.0	0.0	2528.0	299.0	1565.0	463.0

Modified Growing Degree Day Units [Base 50°F/Ceiling 80°F]: West central Wisconsin

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	MAM	JJA	SON
Interval/ 1931 1960																
AVE	0.2	0.6	21.6	144.1	347.1	531.2	669.9	617.2	392.6	197.5	27.0	1.1	2950.1	512.8	1818.3	617.1
MEDIAN	0.0	0.0	9.5	138.0	329.0	522.0	679.0	609.0	392.5	197.5	24.5	0.0	2918.0	508.5	1834.0	618.0
STD	0.9	1.7	30.7	58.4	78.6	75.7	57.7	60.6	60.9	60.0	21.2	2.3	199.8	98.4	120.8	93.4
MAX	5.0	6.0	123.0	266.0	544.0	705.0	786.0	758.0	519.0	328.0	88.0	11.0	3243.0	712.0	2042.0	818.0
MIN	0.0	0.0	0.0	44.0	222.0	393.0	563.0	505.0	291.0	84.0	0.0	0.0	2528.0	299.0	1565.0	463.0
Interval/ 1921 1950																
AVE	0.2	1.2	26.7	144.9	339.7	519.3	661.4	601.8	391.6	190.4	23.9	0.9	2901.9	511.3	1782.5	605.8
MEDIAN	0.0	0.0	15.0	136.0	327.5	513.5	668.0	605.0	383.0	185.0	20.0	0.0	2889.0	517.0	1817.5	603.5
STD	0.9	3.9	31.6	56.0	83.0	80.3	63.4	63.5	66.5	56.4	19.5	2.2	248.6	106.7	150.0	85.9
MAX	5.0	20.0	123.0	266.0	544.0	705.0	786.0	758.0	519.0	324.0	88.0	11.0	3243.0	712.0	2042.0	792.0
MIN	0.0	0.0	0.0	44.0	183.0	390.0	540.0	462.0	258.0	43.0	0.0	0.0	2325.0	278.0	1435.0	435.0
Interval/ 1911 1940																
AVE	0.0	1.2	23.5	140.3	342.8	510.6	654.6	580.3	385.0	174.3	24.4	0.6	2837.6	506.5	1745.5	583.7
MEDIAN	0.0	0.0	15.5	135.5	341.0	501.0	665.0	583.0	382.0	165.0	24.5	0.0	2845.0	507.0	1778.0	575.0
STD	0.0	3.9	23.7	53.1	81.1	88.9	71.5	62.5	66.0	61.2	20.4	2.0	260.5	98.5	162.9	92.2
MAX	0.0	20.0	89.0	293.0	544.0	705.0	786.0	743.0	512.0	306.0	88.0	11.0	3243.0	712.0	2007.0	792.0
MIN	0.0	0.0	0.0	58.0	183.0	375.0	518.0	456.0	235.0	43.0	0.0	0.0	2257.0	278.0	1358.0	404.0
Interval/ 1901 1930																
AVE	0.0	0.9	28.3	142.8	324.6	489.9	629.1	563.5	368.4	171.8	24.7	0.2	2744.2	495.7	1682.5	564.9
MEDIAN	0.0	0.0	19.0	140.5	329.0	477.5	618.0	567.5	361.0	165.5	25.5	0.0	2748.0	511.5	1677.5	561.5
STD	0.0	3.8	33.2	61.1	67.1	73.6	66.3	57.8	60.6	56.5	20.5	0.5	232.8	100.7	147.1	81.7
MAX	0.0	20.0	163.0	293.0	487.0	636.0	780.0	676.0	504.0	306.0	88.0	2.0	3243	678	1994	749
MIN	0.0	0.0	0.0	40.0	183.0	375.0	518.0	456.0	235.0	43.0	0.0	0.0	2257	269	1358	404

Data as of 3 Jan 2024