

**Wisconsin State Climatology Office**

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

Data Source: Midwestern Regional Climate Center

Jan 1895 -Sep 2021

SPRING SUMMER FALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	MAM	JJA	SON
1895	0	3	5	173	359	512	504	519	416	78	26	0	2595	537	1535	520
1896	0	4	2	161	416	526	550	531	242	103	4	0	2539	579	1607	349
1897	0	0	18	72	252	404	640	450	470	173	12	0	2491	342	1494	655
1898	0	1	12	111	301	486	587	513	369	95	13	0	2488	424	1586	477
1899	0	0	0	171	304	483	572	575	269	182	26	0	2582	475	1630	477
1900	0	0	1	183	338	463	513	670	329	270	12	0	2779	522	1646	611
1901	0	0	3	175	317	498	651	516	292	162	9	0	2623	495	1665	463
1902	0	0	38	111	335	378	598	450	249	114	7	0	2280	484	1426	370
1903	0	0	26	102	328	412	529	393	289	160	35	0	2274	456	1334	484
1904	0	0	0	81	282	433	487	428	294	108	42	0	2155	363	1348	444
1905	0	0	32	99	253	427	543	531	366	131	10	0	2392	384	1501	507
1906	0	0	0	167	282	470	555	596	436	133	7	0	2646	449	1621	576
1907	0	0	15	24	161	460	510	457	283	103	0	0	2013	200	1427	386
1908	0	0	2	127	282	442	560	488	459	172	12	0	2544	411	1490	643
1909	0	0	0	7	254	480	536	578	315	120	40	0	2330	261	1594	475
1910	0	0	133	187	208	509	581	498	290	194	0	0	2600	528	1588	484
1911	0	0	21	105	408	550	525	453	262	88	1	0	2413	534	1528	351
1912	0	0	1	117	288	398	541	386	343	154	14	0	2242	406	1325	511
1913	0	0	2	172	238	538	521	542	338	134	15	2	2502	412	1601	487
1914	0	0	2	101	338	406	629	467	326	242	9	0	2520	441	1502	577
1915	0	0	0	235	191	337	444	393	313	134	17	0	2064	426	1174	464
1916	0	0	11	63	243	328	709	554	285	128	17	2	2340	317	1591	430
1917	0	0	0	55	224	339	556	418	276	24	41	0	1933	279	1313	341
1918	0	0	53	90	334	401	527	515	202	140	14	0	2276	477	1443	356
1919	0	0	10	76	283	558	578	460	337	89	4	0	2395	369	1596	430
1920	0	0	26	32	303	477	472	486	385	271	0	0	2452	361	1435	656
1921	0	0	18	174	366	577	696	522	368	129	0	0	2850	558	1795	497
1922	0	0	2	81	380	447	492	528	385	164	11	0	2490	463	1467	560
1923	0	0	3	108	306	530	612	423	335	134	19	0	2470	417	1565	488
1924	0	0	0	51	139	352	483	442	226	241	22	0	1956	190	1277	489
1925	0	0	40	187	255	444	516	547	355	33	12	0	2389	482	1507	400
1926	0	0	2	98	321	346	543	464	231	88	0	0	2093	421	1353	319
1927	0	0	19	96	185	387	468	403	364	161	0	0	2083	300	1258	525
1928	0	0	29	55	306	328	551	505	231	130	6	0	2141	390	1384	367
1929	0	0	8	106	252	403	570	485	291	131	1	0	2247	366	1458	423
1930	0	13	14	150	298	460	587	554	333	136	64	0	2609	462	1601	533
1931	0	3	1	159	266	517	596	475	423	172	47	0	2659	426	1588	642
1932	0	0	0	92	283	504	569	539	309	79	6	0	2381	375	1612	394
1933	0	0	0	84	307	616	626	509	406	105	8	0	2661	391	1751	519
1934	0	0	0	83	439	511	587	457	274	164	15	0	2530	522	1555	453
1935	0	0	3	90	221	327	700	531	287	119	0	0	2278	314	1558	406
1936	0	0	0	46	385	403	660	537	388	89	4	0	2512	431	1600	481
1937	0	0	2	44	322	443	632	655	338	75	7	0	2518	368	1730	420
1938	0	0	57	142	256	411	570	578	285	202	25	0	2526	455	1559	512
1939	0	0	28	95	389	434	606	513	365	119	23	3	2575	512	1553	507
1940	0	0	0	61	233	394	585	465	370	131	7	0	2246	294	1444	508
1941	0	0	1	199	359	486	585	496	350	119	18	1	2614	559	1567	487
1942	1	0	1	223	238	420	521	502	281	197	12	0	2396	462	1443	490
1943	0	0	15	79	253	500	627	546	234	153	0	0	2407	347	1673	387
1944	1	0	0	87	363	488	534	544	303	166	29	0	2515	450	1566	498
1945	0	0	97	91	176	339	487	496	292	115	8	0	2101	364	1322	415
1946	0	0	81	152	241	438	564	456	307	179	11	3	2432	474	1458	497
1947	0	0	2	47	179	377	556	672	356	288	6	0	2483	228	1605	650
1948	0	0	17	170	291	417	571	548	429	145	24	0	2612	478	1536	598
1949	0	0	1	134	342	538	605	548	248	199	25	0	2640	477	1691	472
1950	0	0	0	16	251	431	454	393	286	194	8	0	2033	267	1278	488
1951	0	0	1	63	353	347	521	402	230	118	0	2	2037	417	1270	348
1952	0	0	0	185	267	470	588	462	342	96	20	0	2430	452	1520	458
1953	0	0	5	36	314	473	535	539	321	269	69	0	2561	355	1547	659
1954	0	0	0	120	191	510	549	457	241	99	27	0	2194	311	1516	367
1955	0	0	10	176	358	420	684	609	324	159	0	0	2740	544	1713	483
1956	0	0	0	32	270	509	446	493	258	247	40	0	2295	302	1448	545
1957	0	0	3	157	268	429	607	492	279	128	3	0	2366	428	1528	410

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	MAM	JJA	SON
1958	0	3	3	116	289	341	491	498	315	141	30	0	2227	408	1330	486
1959	0	0	5	82	366	480	547	602	349	72	0	0	2503	453	1629	421
1960	0	0	3	114	266	373	520	554	337	144	6	0	2317	383	1447	487
1961	0	1	6	42	252	462	537	534	319	164	14	0	2331	300	1533	497
1962	0	0	6	95	352	420	470	503	245	176	3	8	2278	453	1393	424
1963	0	0	35	132	246	502	604	466	326	301	23	0	2635	413	1572	650
1964	0	0	0	120	377	461	610	425	277	130	52	0	2452	497	1496	459
1965	0	0	0	43	354	408	490	459	195	141	23	0	2113	397	1357	359
1966	0	0	17	50	209	490	637	430	308	122	1	0	2264	276	1557	431
1967	0	0	19	79	206	435	499	433	317	120	4	0	2112	304	1367	441
1968	0	0	69	134	220	419	543	530	299	177	5	0	2396	423	1492	481
1969	0	0	2	126	314	273	528	578	320	97	22	0	2260	442	1379	439
1970	0	0	0	129	281	498	621	533	329	157	5	0	2553	410	1652	491
1971	0	0	0	111	234	523	464	446	354	211	8	0	2351	345	1433	573
1972	0	0	0	69	365	407	503	498	256	88	0	0	2186	434	1408	344
1973	0	0	26	81	170	440	545	540	290	211	0	0	2303	277	1525	501
1974	0	0	3	117	192	338	576	445	197	110	17	0	1995	312	1359	324
1975	0	0	0	28	365	421	596	483	206	174	72	0	2345	393	1500	452
1976	0	6	10	117	247	483	563	499	297	107	0	0	2329	374	1545	404
1977	0	0	25	208	467	381	586	382	246	107	23	0	2425	700	1349	376
1978	0	0	6	59	344	409	477	503	363	81	35	0	2277	409	1389	479
1979	0	0	0	66	192	379	543	431	315	73	9	0	2008	258	1353	397
1980	0	0	0	121	348	385	563	479	242	68	5	0	2211	469	1427	315
1981	0	5	16	95	245	386	514	504	243	60	45	0	2113	356	1404	348
1982	0	0	1	66	346	297	566	423	245	109	7	5	2065	413	1286	361
1983	0	0	0	59	156	438	655	593	321	92	12	0	2326	215	1686	425
1984	0	1	0	94	224	447	495	551	228	140	4	0	2184	318	1493	372
1985	0	0	7	158	319	354	482	408	286	104	0	0	2118	484	1244	390
1986	0	0	40	138	321	389	561	386	248	89	3	0	2175	499	1336	340
1987	0	0	48	210	335	485	604	464	311	44	15	0	2516	593	1553	370
1988	0	0	0	111	398	499	620	560	287	61	4	0	2540	509	1679	352
1989	0	0	14	76	281	380	568	493	311	153	0	0	2276	371	1441	464
1990	0	0	35	164	211	417	496	477	300	94	40	0	2234	410	1390	434
1991	0	1	13	134	363	519	515	523	248	92	0	0	2408	510	1557	340
1992	0	0	1	50	308	344	369	391	243	109	0	0	1815	359	1104	352
1993	0	0	25	41	222	337	509	508	168	82	0	0	1892	288	1354	250
1994	0	1	9	89	299	484	475	407	342	134	8	0	2248	397	1366	484
1995	0	0	29	25	235	528	543	599	269	99	0	0	2327	289	1670	368
1996	0	0	1	48	219	415	424	501	278	108	0	0	1994	268	1340	386
1997	0	0	5	74	165	462	513	395	293	145	0	0	2052	244	1370	438
1998	0	0	22	169	394	422	546	549	414	129	15	13	2673	585	1517	558
1999	0	0	22	131	306	452	624	447	288	95	43	0	2408	459	1523	426
2000	0	8	65	102	300	363	505	492	282	171	19	0	2307	467	1360	472
2001	0	0	0	128	275	443	562	547	275	98	56	6	2390	403	1552	429
2002	0	0	0	91	188	474	653	502	343	51	5	0	2307	279	1629	399
2003	0	0	33	115	240	398	526	580	323	124	3	0	2342	388	1504	450
2004	0	2	3	98	205	369	493	379	412	116	10	0	2087	306	1241	538
2005	0	0	20	156	218	557	601	522	401	163	16	0	2654	394	1680	580
2006	0	0	7	174	296	459	651	506	245	79	17	0	2434	477	1616	341
2007	0	0	48	133	348	488	564	527	351	182	3	0	2644	529	1579	536
2008	0	0	0	84	213	399	543	494	308	100	32	0	2173	297	1436	440
2009	0	0	13	91	243	402	396	433	361	27	26	0	1992	347	1231	414
2010	0	0	63	186	336	397	597	587	222	162	26	0	2576	585	1581	410
2011	0	1	1	54	239	413	650	500	251	166	11	0	2286	294	1563	428
2012	0	0	147	95	339	493	660	481	289	81	19	2	2606	581	1634	389
2013	0	0	0	53	268	389	544	497	328	103	1	0	2183	321	1430	432
2014	0	0	3	33	260	458	447	456	255	56	0	0	1968	296	1361	311
2015	0	0	19	119	273	377	542	435	409	104	45	0	2323	411	1354	558
2016	0	1	27	98	294	428	559	539	330	127	63	0	2466	419	1526	520
2017	0	12	9	94	195	432	536	393	356	141	2	2	2172	298	1361	499
2018	0	0	0	55	417	467	560	524	342	32	0	0	2397	472	1551	374
2019	0	0	1	59	194	399	598	429	311	61	0	0	2052	254	1426	372
2020	0	0	1	55	248	461	612	517	233	57	70	0	2254	304	1590	360
2021	0	0	34	99	256	532	546	532	325					389	1610	

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YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	MAM	JJA	SON
<b>Multi-year Statistics</b>																
Interval/	1895	2020														
AVE	0.0	0.5	14.7	104.8	283.6	436.4	554.7	495.4	307.4	130.8	15.4	0.4	2344.3	403.2	1486.6	453.7
MEDIAN	0.0	0.0	3.0	98.0	282.0	433.5	553.0	498.0	307.5	127.5	10.0	0.0	2341.0	410.0	1503.0	451.0
STD	0.1	1.9	24.2	49.3	67.0	63.1	62.2	61.6	58.2	53.8	17.0	1.6	211.2	95.3	130.4	84.6
MAX	1.0	13.0	147.0	235.0	467.0	616.0	709.0	672.0	470.0	301.0	72.0	13.0	2850.0	700.0	1795.0	659.0
MIN	0.0	0.0	0.0	7.0	139.0	273.0	369.0	379.0	168.0	24.0	0.0	0.0	1815.0	190.0	1104.0	250.0
Count	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126

Interval/	1901	2000														
AVE	0.0	0.4	14.2	103.7	284.8	434.1	552.3	493.2	302.9	135.6	14.4	0.4	2336.1	402.7	1479.6	452.9
MEDIAN	0.0	0.0	3.0	97.0	282.5	432.0	548.0	496.0	298.0	130.0	8.5	0.0	2330.5	410.5	1494.5	455.5
STD	0.1	1.7	22.3	50.3	68.0	66.3	61.9	61.3	55.9	52.5	16.1	1.7	209.2	93.2	131.9	84.0
MAX	1.0	13.0	133.0	235.0	467.0	616.0	709.0	672.0	459.0	301.0	72.0	13.0	2850.0	700.0	1795.0	659.0
MIN	0.0	0.0	0.0	7.0	139.0	273.0	369.0	382.0	168.0	24.0	0.0	0.0	1815.0	190.0	1104.0	250.0

Interval/	1951	2000														
AVE	0.0	0.5	12.1	100.8	286.5	426.1	540.5	487.5	286.0	128.0	14.6	0.6	2283.3	399.5	1454.1	428.6
MEDIAN	0.0	0.0	5.0	98.5	285.0	421.5	543.0	492.5	289.0	114.0	6.5	0.0	2286.5	408.5	1444.0	425.5
STD	0.0	1.6	16.5	46.9	70.2	60.9	60.6	59.6	48.0	52.2	18.0	2.2	194.2	97.2	123.8	80.7
MAX	0.0	8.0	69.0	210.0	467.0	528.0	684.0	609.0	414.0	301.0	72.0	13.0	2740.0	700.0	1713.0	659.0
MIN	0.0	0.0	0.0	25.0	156.0	273.0	369.0	382.0	168.0	44.0	0.0	0.0	1815.0	215.0	1104.0	250.0

Interval/	1991	2020														
AVE	0.0	0.9	19.6	94.5	270.0	434.3	543.9	488.7	305.7	106.5	16.3	0.8	2281.0	384.0	1466.9	428.5
MEDIAN	0.0	0.0	9.0	92.5	264.0	430.0	543.5	500.5	300.5	103.5	9.0	0.0	2307.0	373.5	1510.5	427.0
STD	0.0	2.5	29.6	42.6	62.0	53.2	72.5	59.3	60.0	40.4	20.1	2.6	227.4	102.7	139.5	78.6
MAX	0.0	12.0	147.0	186.0	417.0	557.0	660.0	599.0	414.0	182.0	70.0	13.0	2673.0	585.0	1680.0	580.0
MIN	0.0	0.0	0.0	25.0	165.0	337.0	369.0	379.0	168.0	27.0	0.0	0.0	1815.0	244.0	1104.0	250.0

Interval/	1981	2010														
AVE	0.0	0.6	18.0	109.7	273.6	426.8	539.0	491.6	294.9	107.1	13.6	0.8	2275.7	401.3	1457.4	415.6
MEDIAN	0.0	0.0	13.0	100.0	278.0	419.5	543.0	501.5	287.5	102.0	7.5	0.0	2291.5	395.5	1467.0	412.0
STD	0.0	1.7	19.0	45.6	64.7	60.7	70.1	64.8	56.5	37.7	15.5	2.7	221.5	104.3	151.7	72.6
MAX	0.0	8.0	65.0	210.0	398.0	557.0	655.0	599.0	414.0	182.0	56.0	13.0	2673.0	593.0	1686.0	580.0
MIN	0.0	0.0	0.0	25.0	156.0	297.0	369.0	379.0	168.0	27.0	0.0	0.0	1815.0	215.0	1104.0	250.0

Interval/	1971	2000														
AVE	0.0	0.7	14.1	100.4	285.7	419.5	533.3	479.2	279.0	111.3	12.8	0.6	2236.7	400.2	1432.0	403.2
MEDIAN	0.0	0.0	8.0	94.5	299.5	416.0	543.0	487.5	284.0	105.5	6.0	0.0	2262.0	395.0	1406.0	388.0
STD	0.0	1.9	16.4	47.9	77.8	59.3	60.2	59.3	50.7	40.5	17.4	2.5	190.2	111.9	126.8	71.2
MAX	0.0	8.0	65.0	210.0	467.0	528.0	655.0	599.0	414.0	211.0	72.0	13.0	2673.0	700.0	1686.0	573.0
MIN	0.0	0.0	0.0	25.0	156.0	297.0	369.0	382.0	168.0	44.0	0.0	0.0	1815.0	215.0	1104.0	250.0

Interval/	1961	1990														
AVE	0.0	0.4	12.8	103.3	285.7	420.9	550.5	481.9	282.7	125.4	15.0	0.4	2279.0	401.8	1453.3	423.1
MEDIAN	0.0	0.0	6.0	103.0	281.0	419.5	553.0	481.0	293.5	109.5	7.5	0.0	2276.5	409.5	1430.0	424.5
STD	0.0	1.4	17.2	44.8	76.2	59.0	52.7	54.3	44.1	53.9	17.5	1.7	158.4	100.3	109.8	74.0
MAX	0.0	6.0	69.0	210.0	467.0	523.0	655.0	593.0	363.0	301.0	72.0	8.0	2635.0	700.0	1686.0	650.0
MIN	0.0	0.0	0.0	28.0	156.0	273.0	464.0	382.0	195.0	44.0	0.0	0.0	1995.0	215.0	1244.0	315.0

Interval/	1951	1980														
AVE	0.0	0.3	8.5	100.3	289.2	429.5	548.1	490.2	289.9	142.9	17.2	0.3	2316.5	398.0	1467.8	450.0
MEDIAN	0.0	0.0	3.0	112.5	275.5	425.0	544.0	492.5	303.5	129.0	8.5	0.0	2310.0	408.5	1470.0	446.5
STD	0.0	1.2	14.4	45.9	71.2	59.3	55.0	55.0	47.0	57.6	19.6	1.5	173.8	89.3	102.7	82.7
MAX	0.0	6.0	69.0	208.0	467.0	523.0	684.0	609.0	363.0	301.0	72.0	8.0	2740.0	700.0	1713.0	659.0
MIN	0.0	0.0	0.0	28.0	170.0	273.0	446.0	382.0	195.0	68.0	0.0	0.0	1995.0	258.0	1270.0	315.0

Interval/	1941	1970														
AVE	0.1	0.1	13.3	107.6	281.5	438.5	551.0	506.7	300.6	160.4	16.3	0.5	2376.6	402.5	1496.2	477.3
MEDIAN	0.0	0.0	3.0	115.0	269.0	436.5	545.0	500.0	307.5	149.0	11.5	0.0	2396.0	415.0	1518.0	482.0
STD	0.2	0.6	24.5	52.8	60.2	60.5	56.7	62.5	46.4	55.4	16.1	1.5	187.8	81.0	118.7	78.5
MAX	1.0	3.0	97.0	223.0	377.0	538.0	684.0	672.0	429.0	301.0	69.0	8.0	2740.0	559.0	1713.0	659.0
MIN	0.0	0.0	0.0	16.0	176.0	273.0	446.0	393.0	195.0	72.0	0.0	0.0	2033.0	228.0	1270.0	348.0

Interval/	1931	1960														
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**Modified Growing Degree Day Units [Base 50°F/Ceiling 80°F]: North central Wisconsin**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	MAM	JJA	SON
AVE	0.1	0.2	11.2	105.8	291.2	444.9	570.8	518.9	317.6	149.4	15.9	0.3	2426.3	408.2	1534.6	482.9
MEDIAN	0.0	0.0	1.5	91.5	276.5	436.0	570.5	511.0	312.0	142.5	9.5	0.0	2457.5	421.5	1554.0	486.5
STD	0.2	0.7	23.8	53.0	64.5	66.3	59.7	62.9	52.9	54.1	15.7	0.8	183.8	81.3	122.8	77.3
MAX	1.0	3.0	97.0	223.0	439.0	616.0	700.0	672.0	429.0	288.0	69.0	3.0	2740.0	559.0	1751.0	659.0
MIN	0.0	0.0	0.0	16.0	176.0	327.0	446.0	393.0	230.0	72.0	0.0	0.0	2033.0	228.0	1270.0	348.0

Interval/	1921	1950														
AVE	0.1	0.5	14.7	106.7	286.7	442.3	571.8	511.1	321.7	145.2	13.9	0.2	2414.9	408.1	1525.1	480.8
MEDIAN	0.0	0.0	2.0	93.5	287.0	436.0	570.5	511.0	321.0	135.0	9.5	0.0	2476.5	423.5	1556.5	488.5
STD	0.2	2.4	24.1	50.6	70.7	72.2	60.4	61.2	57.2	51.0	14.2	0.8	215.5	90.7	137.2	74.0
MAX	1.0	13.0	97.0	223.0	439.0	616.0	700.0	672.0	429.0	288.0	64.0	3.0	2850.0	559.0	1795.0	650.0
MIN	0.0	0.0	0.0	16.0	139.0	327.0	454.0	393.0	226.0	33.0	0.0	0.0	1956.0	190.0	1258.0	319.0

Interval/	1911	1940														
AVE	0.0	0.5	11.7	101.6	292.0	438.9	571.7	493.5	321.0	133.5	13.6	0.2	2378.4	405.3	1504.1	468.2
MEDIAN	0.0	0.0	2.5	93.5	293.0	422.5	570.0	495.5	334.0	131.0	10.0	0.0	2404.0	414.5	1540.5	484.0
STD	0.0	2.4	15.8	47.0	68.6	81.4	67.3	59.0	55.8	54.6	14.7	0.7	215.6	81.2	143.4	81.9
MAX	0.0	13.0	57.0	235.0	439.0	616.0	709.0	655.0	423.0	271.0	64.0	3.0	2850.0	558.0	1795.0	656.0
MIN	0.0	0.0	0.0	32.0	139.0	327.0	444.0	386.0	202.0	24.0	0.0	0.0	1933.0	190.0	1174.0	319.0

Interval/	1901	1930														
AVE	0.0	0.4	17.0	107.7	278.7	437.2	552.3	482.7	315.3	138.3	14.3	0.1	2344.1	403.4	1472.2	467.9
MEDIAN	0.0	0.0	9.0	101.5	282.5	437.5	543.0	485.5	314.0	133.5	10.5	0.0	2364.5	414.5	1478.5	479.5
STD	0.0	2.3	25.8	53.0	62.2	71.0	61.7	56.7	59.3	51.9	15.4	0.5	221.1	90.3	135.7	84.2
MAX	0.0	13.0	133.0	235.0	408.0	577.0	709.0	596.0	459.0	271.0	64.0	2.0	2850	558	1795	656
MIN	0.0	0.0	0.0	7.0	139.0	328.0	444.0	386.0	202.0	24.0	0.0	0.0	1933	190	1174	319

Data as of 5-Oct 2021