

Wisconsin State Climatology Office

Cooling Degree Day Units - base 65°F: Central Wisconsin

Data Source: National Centers for Environmental Information Jan 1895 -Jul 2023

YEAR	Data Source: National Centers for Environmental Information												ANNUAL	SPRING SUMMER FALL WINTER			
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		MAM	JJA	SON	DJF
1895	0	0	0	0	34	136	118	128	62	0	0	0	478	34	382	62	0
1896	0	0	0	0	99	126	170	149	0	0	0	0	544	99	445	0	0
1897	0	0	0	0	16	64	244	65	65	6	0	0	460	16	373	71	0
1898	0	0	0	0	25	124	205	97	34	0	0	0	485	25	426	34	0
1899	0	0	0	0	24	112	179	169	0	6	0	0	490	24	460	6	0
1900	0	0	0	0	42	93	133	263	22	16	0	0	569	42	489	38	0
1901	0	0	0	0	32	129	319	142	12	0	0	0	634	32	590	12	0
1902	0	0	0	0	34	43	184	81	6	0	0	0	348	34	308	6	0
1903	0	0	0	0	30	43	140	51	9	0	0	0	273	30	234	9	0
1904	0	0	0	0	21	70	98	63	12	0	0	0	264	21	231	12	0
1905	0	0	0	0	11	71	121	117	25	0	0	0	345	11	309	25	0
1906	0	0	0	0	17	74	127	173	50	0	0	0	441	17	374	50	0
1907	0	0	0	0	0	64	131	82	8	0	0	0	285	0	277	8	0
1908	0	0	0	0	24	71	151	99	71	0	0	0	416	24	321	71	0
1909	0	0	0	0	13	91	153	183	10	0	0	0	450	13	427	10	0
1910	0	0	0	0	8	133	221	130	9	0	0	0	501	8	484	9	0
1911	0	0	0	0	60	182	170	89	12	0	0	0	513	60	441	12	0
1912	0	0	0	0	22	64	153	66	20	0	0	0	325	22	283	20	0
1913	0	0	0	0	15	131	142	138	17	0	0	0	443	15	411	17	0
1914	0	0	0	0	37	74	230	116	16	8	0	0	481	37	420	24	0
1915	0	0	0	8	6	28	87	44	18	0	0	0	191	14	159	18	0
1916	0	0	0	0	17	28	347	171	8	0	0	0	571	17	546	8	0
1917	0	0	0	0	8	36	200	86	7	0	0	0	337	8	322	7	0
1918	0	0	0	0	43	81	131	166	0	0	0	0	421	43	378	0	0
1919	0	0	0	0	15	180	224	100	32	0	0	0	551	15	504	32	0
1920	0	0	0	0	17	124	114	97	38	12	0	0	402	17	335	50	0
1921	0	0	0	0	42	201	363	144	54	0	0	0	804	42	708	54	0
1922	0	0	0	0	72	112	123	147	37	0	0	0	491	72	382	37	0
1923	0	0	0	0	20	169	227	86	15	0	0	0	517	20	482	15	0
1924	0	0	0	0	0	40	103	89	0	8	0	0	240	0	232	8	0
1925	0	0	0	0	9	104	129	127	46	0	0	0	415	9	360	46	0
1926	0	0	0	0	30	31	153	116	6	0	0	0	336	30	300	6	0
1927	0	0	0	0	10	48	119	44	29	0	0	0	250	10	211	29	0
1928	0	0	0	0	31	31	162	127	0	0	0	0	351	31	320	0	0
1929	0	0	0	0	10	59	174	97	12	0	0	0	352	10	330	12	0
1930	0	0	0	0	26	107	213	160	24	0	0	0	530	26	480	24	0
1931	0	0	0	0	14	173	281	123	83	7	0	0	681	14	577	90	0
1932	0	0	0	0	24	144	205	151	10	0	0	0	534	24	500	10	0
1933	0	0	0	0	26	268	233	102	61	0	0	0	690	26	603	61	0
1934	0	0	0	0	92	182	219	86	10	0	0	0	589	92	487	10	0
1935	0	0	0	0	8	39	308	138	13	0	0	0	506	8	485	13	0
1936	0	0	0	0	71	66	322	203	39	0	0	0	701	71	591	39	0
1937	0	0	0	0	27	86	247	266	20	0	0	0	646	27	599	20	0
1938	0	0	0	0	19	78	170	186	14	8	0	0	475	19	434	22	0
1939	0	0	0	0	56	109	224	138	37	0	0	0	564	56	471	37	0
1940	0	0	0	0	12	88	205	99	21	0	0	0	425	12	392	21	0
1941	0	0	0	0	56	114	200	147	29	0	0	0	546	56	461	29	0
1942	0	0	0	0	15	81	142	112	6	0	0	0	356	15	335	6	0
1943	0	0	0	0	15	142	211	153	0	0	0	0	521	15	506	0	0
1944	0	0	0	0	54	133	151	164	20	0	0	0	522	54	448	20	0
1945	0	0	0	0	7	30	114	123	10	0	0	0	284	7	267	10	0
1946	0	0	0	0	13	71	165	89	11	6	0	0	355	13	325	17	0
1947	0	0	0	0	6	45	146	297	27	24	0	0	545	6	488	51	0
1948	0	0	0	0	16	81	200	166	50	0	0	0	513	16	447	50	0
1949	0	0	0	0	34	156	233	151	0	6	0	0	580	34	540	6	0
1950	0	0	0	0	17	84	90	46	9	7	0	0	253	17	220	16	0
1951	0	0	0	0	42	43	127	65	0	0	0	0	277	42	235	0	0
1952	0	0	0	0	16	115	200	95	14	0	0	0	440	16	410	14	0
1953	0	0	0	0	21	129	165	149	16	9	0	0	489	21	443	25	0
1954	0	0	0	0	6	135	170	95	12	0	0	0	418	6	400	12	0
1955	0	0	0	0	40	75	311	230	21	0	0	0	677	40	616	21	0
1956	0	0	0	0	16	142	96	117	5	9	0	0	385	16	355	14	0
1957	0	0	0	0	14	95	205	116	8	0	0	0	438	14	416	8	0
1958	0	0	0	0	22	36	118	142	18	0	0	0	336	22	296	18	0
1959	0	0	0	0	55	112	146	221	22	0	0	0	556	55	479	22	0
1960	0	0	0	0	16	49	121	142	24	0	0	0	352	16	312	24	0

Cooling Degree Day Units - base 65°F: Central Wisconsin

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	MAM	JJA	SON	DJF
1961	0	0	0	0	12	95	151	140	16	0	0	0	414	12	386	16	0
1962	0	0	0	0	56	81	90	117	0	0	0	0	344	56	288	0	0
1963	0	0	0	0	13	126	184	87	13	22	0	0	445	13	397	35	0
1964	0	0	0	0	60	103	216	86	8	0	0	0	473	60	405	8	0
1965	0	0	0	0	50	71	118	87	0	0	0	0	326	50	276	0	0
1966	0	0	0	0	8	109	219	84	8	0	0	0	428	8	412	8	0
1967	0	0	0	0	6	96	108	54	7	0	0	0	271	6	258	7	0
1968	0	0	0	0	11	84	140	128	15	0	0	0	378	11	352	15	0
1969	0	0	0	0	24	15	148	164	11	0	0	0	362	24	327	11	0
1970	0	0	0	0	25	112	203	130	16	0	0	0	486	25	445	16	0
1971	0	0	0	0	11	158	100	82	29	12	0	0	392	11	340	41	0
1972	0	0	0	0	48	61	118	117	10	0	0	0	354	48	296	10	0
1973	0	0	0	0	9	114	200	164	14	9	0	0	510	9	478	23	0
1974	0	0	0	0	10	45	205	95	0	0	0	0	355	10	345	0	0
1975	0	0	0	0	48	90	187	132	0	0	0	0	457	48	409	0	0
1976	0	0	0	0	13	127	197	102	8	0	0	0	447	13	426	8	0
1977	0	0	0	0	102	68	244	68	16	0	0	0	498	102	380	16	0
1978	0	0	0	0	30	77	121	130	43	0	0	0	401	30	328	43	0
1979	0	0	0	0	12	77	151	89	21	0	0	0	350	12	317	21	0
1980	0	0	0	0	35	75	211	136	12	0	0	0	469	35	422	12	0
1981	0	0	0	0	15	95	153	119	6	0	0	0	388	15	367	6	0
1982	0	0	0	0	57	23	182	86	8	0	0	0	356	57	291	8	0
1983	0	0	0	0	6	98	269	214	18	0	0	0	605	6	581	18	0
1984	0	0	0	0	11	115	133	173	7	0	0	0	439	11	421	7	0
1985	0	0	0	0	52	50	151	84	15	0	0	0	352	52	285	15	0
1986	0	0	0	0	36	88	200	63	14	0	0	0	401	36	351	14	0
1987	0	0	0	0	45	148	247	114	20	0	0	0	574	45	509	20	0
1988	0	0	0	0	54	160	255	232	23	0	0	0	724	54	647	23	0
1989	0	0	0	0	17	68	195	125	9	0	0	0	414	17	388	9	0
1990	0	0	0	0	10	96	151	121	33	0	0	0	411	10	368	33	0
1991	0	0	0	0	59	160	153	138	7	0	0	0	517	59	451	7	0
1992	0	0	0	0	28	51	67	62	7	0	0	0	215	28	180	7	0
1993	0	0	0	0	23	51	142	149	0	0	0	0	365	23	342	0	0
1994	0	0	0	0	25	135	123	78	38	0	0	0	399	25	336	38	0
1995	0	0	0	0	18	167	211	252	8	0	0	0	656	18	630	8	0
1996	0	0	0	0	10	95	103	128	17	0	0	0	353	10	326	17	0
1997	0	0	0	0	6	115	140	69	20	0	0	0	350	6	324	20	0
1998	0	0	0	0	74	78	179	155	59	0	0	0	545	74	412	59	0
1999	0	0	0	0	41	104	255	104	11	0	0	0	515	41	463	11	0
2000	0	0	0	0	34	70	131	142	14	6	0	0	397	34	343	20	0
2001	0	0	0	0	32	86	203	193	9	0	0	0	523	32	482	9	0
2002	0	0	0	0	10	122	261	134	43	0	0	0	570	10	517	43	0
2003	0	0	0	0	17	73	153	203	20	0	0	0	466	17	429	20	0
2004	0	0	0	0	15	57	123	55	58	0	0	0	308	15	235	58	0
2005	0	0	0	0	13	194	216	157	64	0	0	0	644	13	567	64	0
2006	0	0	0	0	30	98	269	151	8	0	0	0	556	30	518	8	0
2007	0	0	0	0	55	131	182	160	34	10	0	0	572	55	473	44	0
2008	0	0	0	0	12	96	170	117	30	0	0	0	425	12	383	30	0
2009	0	0	0	0	26	84	68	95	33	0	0	0	306	26	247	33	0
2010	0	0	0	5	41	109	233	219	10	0	0	0	617	46	561	10	0
2011	0	0	0	0	19	91	284	162	9	0	0	0	565	19	537	9	0
2012	0	0	11	0	60	142	356	142	13	0	0	0	724	71	640	13	0
2013	0	0	0	0	29	91	174	144	35	0	0	0	473	29	409	35	0
2014	0	0	0	0	26	146	102	144	16	0	0	0	434	26	392	16	0
2015	0	0	0	0	38	86	153	123	89	0	0	0	489	38	362	89	0
2016	0	0	0	0	29	119	200	193	57	6	0	0	604	29	512	63	0
2017	0	0	0	0	16	112	172	89	50	5	0	0	444	16	373	55	0
2018	0	0	0	0	93	133	208	173	39	0	0	0	646	93	514	39	0
2019	0	0	0	0	12	82	241	107	46	0	0	0	488	12	430	46	0
2020	0	0	0	0	19	127	252	162	12	0	0	0	572	19	541	12	0
2021	0	0	0	0	23	187	179	178	35	13	0	0	615	23	544	48	0
2022	0	0	0	0	40	109	179	142	29	0	0	0	499	40	430	29	0
2023	0	0	0	0	30	138	182							30			

Multi-year Statistics

Interval/	1895	2022															
AVE	0.0	0.0	0.1	0.1	28.2	98.8	180.6	129.4	21.2	1.7	0.0	0.0	459.6	28.4	408.4	22.9	0.0
MEDIAN	0.0	0.0	0.0	0.0	22.5	95.0	173.0	127.5	15.0	0.0	0.0	0.0	453.5	22.5	409.0	16.5	0.0

Cooling Degree Day Units - base 65°F: Central Wisconsin

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	MAM	JJA	SON	DJF
STD	0.00	0.00	0.97	0.83	20.79	43.34	60.47	48.40	18.51	4.23	0.00	0.00	119.25	20.92	108.24	19.26	0.00
MAX	0	0	11	8	102	268	363	297	89	24	0	0	804	102	708	90	0
MIN	0	0	0	0	0	15	67	44	0	0	0	0	191	0	159	0	0
Count	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128

Interval/	1901	2000															
AVE	0.0	0.0	0.0	0.1	27.1	94.7	176.9	124.4	17.9	1.5	0.0	0.0	442.7	27.2	396.0	19.5	0.0
MEDIAN	0.0	0.0	0.0	0.0	20.5	88.0	165.0	120.0	14.0	0.0	0.0	0.0	426.5	20.5	387.0	15.0	0.0
STD	0.00	0.00	0.00	0.80	20.42	45.38	60.14	48.22	15.89	4.19	0.00	0.00	120.34	20.36	109.53	16.64	0.00
MAX	0	0	0	8	102	268	363	297	83	24	0	0	804	102	708	90	0
MIN	0	0	0	0	0	15	67	44	0	0	0	0	191	0	159	0	0

Interval/	1951	2000															
AVE	0.0	0.0	0.0	0.0	29.0	93.6	168.2	123.4	14.4	1.3	0.0	0.0	430.1	29.0	385.3	15.8	0.0
MEDIAN	0.0	0.0	0.0	0.0	22.5	95.0	153.0	118.0	13.5	0.0	0.0	0.0	412.5	22.5	374.0	14.0	0.0
STD	0.00	0.00	0.00	0.00	20.99	36.22	51.54	46.07	11.22	4.04	0.00	0.00	100.75	20.99	95.21	12.04	0.00
MAX	0	0	0	0	102	167	311	252	59	22	0	0	724	102	647	59	0
MIN	0	0	0	0	6	15	67	54	0	0	0	0	215	6	180	0	0

Interval/	1991	2020															
AVE	0.0	0.0	0.4	0.2	30.3	106.8	184.1	140.0	28.5	0.9	0.0	0.0	491.3	30.9	431.0	29.4	0.0
MEDIAN	0.0	0.0	0.0	0.0	26.0	101.0	176.5	143.0	20.0	0.0	0.0	0.0	502.0	26.0	429.5	20.0	0.0
STD	0.0	0.0	2.0	0.9	20.0	34.0	65.5	45.4	21.6	2.4	0.0	0.0	118.1	20.7	111.3	22.1	0.0
MAX	0	0	11	5	93	194	356	252	89	10	0	0	724	93	640	89	0
MIN	0	0	0	0	6	51	67	55	0	0	0	0	215	6	180	0	0

Interval/	1981	2010															
AVE	0.0	0.0	0.0	0.2	29.1	100.6	177.3	136.4	21.4	0.5	0.0	0.0	465.4	29.2	414.2	22.0	0.0
MEDIAN	0.0	0.0	0.0	0.0	25.5	96.0	174.5	131.0	16.0	0.0	0.0	0.0	432.0	25.5	400.0	17.5	0.0
STD	0.0	0.0	0.0	0.9	18.3	38.7	55.8	52.0	16.7	2.1	0.0	0.0	120.5	18.4	116.2	17.0	0.0
MAX	0	0	0	5	74	194	269	252	64	10	0	0	724	74	647	64	0
MIN	0	0	0	0	6	23	67	55	0	0	0	0	215	6	180	0	0

Interval/	1971	2000															
AVE	0.0	0.0	0.0	0.0	31.3	95.3	172.5	124.1	16.2	0.9	0.0	0.0	440.3	31.3	391.9	17.1	0.0
MEDIAN	0.0	0.0	0.0	0.0	26.5	92.5	166.0	120.0	14.0	0.0	0.0	0.0	406.0	26.5	367.5	14.5	0.0
STD	0.0	0.0	0.0	0.0	22.7	37.6	50.8	47.0	13.0	2.8	0.0	0.0	104.4	22.7	100.2	13.6	0.0
MAX	0	0	0	0	102	167	269	252	59	12	0	0	724	102	647	59	0
MIN	0	0	0	0	6	23	67	62	0	0	0	0	215	6	180	0	0

Interval/	1961	1990															
AVE	0.0	0.0	0.0	0.0	29.5	90.8	174.9	117.4	13.3	1.4	0.0	0.0	427.5	29.5	383.2	14.8	0.0
MEDIAN	0.0	0.0	0.0	0.0	20.5	92.5	183.0	117.0	12.5	0.0	0.0	0.0	412.5	20.5	374.0	13.0	0.0
STD	0.0	0.0	0.0	0.0	22.7	33.9	47.4	40.7	9.6	4.6	0.0	0.0	89.9	22.7	86.2	11.2	0.0
MAX	0	0	0	0	102	160	269	232	43	22	0	0	724	102	647	43	0
MIN	0	0	0	0	6	15	90	54	0	0	0	0	271	6	258	0	0

Interval/	1951	1980															
AVE	0.0	0.0	0.0	0.0	27.7	90.5	165.7	118.8	12.9	2.0	0.0	0.0	417.6	27.7	375.0	14.9	0.0
MEDIAN	0.0	0.0	0.0	0.0	18.5	92.5	158.0	117.0	12.5	0.0	0.0	0.0	416.0	18.5	383.0	14.0	0.0
STD	0.0	0.0	0.0	0.0	21.6	33.3	50.2	40.2	9.3	5.0	0.0	0.0	82.9	21.6	77.3	11.1	0.0
MAX	0	0	0	0	102	158	311	230	43	22	0	0	677	102	616	43	0
MIN	0	0	0	0	6	15	90	54	0	0	0	0	271	6	235	0	0

Interval/	1941	1970															
AVE	0.0	0.0	0.0	0.0	24.9	92.0	162.9	129.9	13.2	2.8	0.0	0.0	425.7	24.9	384.8	16.0	0.0
MEDIAN	0.0	0.0	0.0	0.0	16.0	95.0	151.0	125.5	11.5	0.0	0.0	0.0	423.0	16.0	398.5	14.5	0.0
STD	0.0	0.0	0.0	0.0	17.5	35.8	49.2	52.2	10.5	6.1	0.0	0.0	102.2	17.5	93.3	12.5	0.0
MAX	0	0	0	0	60	156	311	297	50	24	0	0	677	60	616	51	0
MIN	0	0	0	0	6	15	90	46	0	0	0	0	253	6	220	0	0

Interval/	1931	1960															
AVE	0.0	0.0	0.0	0.0	27.7	103.4	190.8	143.7	20.3	2.5	0.0	0.0	488.5	27.7	437.9	22.9	0.0
MEDIAN	0.0	0.0	0.0	0.0	18.0	91.5	200.0	140.0	15.0	0.0	0.0	0.0	509.5	18.0	447.5	19.0	0.0
STD	0.0	0.0	0.0	0.0	21.0	51.1	61.3	55.5	18.1	5.1	0.0	0.0	124.8	21.0	107.4	19.0	0.0
MAX	0	0	0	0	92	268	322	297	83	24	0	0	701	92	616	90	0
MIN	0	0	0	0	6	30	90	46	0	0	0	0	253	6	220	0	0

Interval/	1921	1950															
-----------	------	------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Cooling Degree Day Units - base 65°F: Central Wisconsin

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	MAM	JJA	SON	DJF
AVE	0.0	0.0	0.0	0.0	27.7	102.4	194.4	135.9	23.1	2.2	0.0	0.0	485.7	27.7	432.7	25.3	0.0
MEDIAN	0.0	0.0	0.0	0.0	19.5	87.0	200.0	132.5	17.5	0.0	0.0	0.0	515.0	19.5	454.5	20.0	0.0
STD	0.0	0.0	0.0	0.0	22.3	56.7	65.0	53.1	19.9	4.9	0.0	0.0	142.2	22.3	122.4	20.5	0.0
MAX	0	0	0	0	92	268	363	297	83	24	0	0	804	92	708	90	0
MIN	0	0	0	0	0	30	90	44	0	0	0	0	240	0	211	0	0

Interval/	1911	1940															
AVE	0.0	0.0	0.0	0.3	28.0	102.1	199.3	123.4	23.3	1.4	0.0	0.0	477.7	28.2	424.8	24.7	0.0
MEDIAN	0.0	0.0	0.0	0.0	21.0	87.0	202.5	119.5	17.5	0.0	0.0	0.0	486.0	21.0	427.0	20.0	0.0
STD	0.0	0.0	0.0	1.4	22.0	61.1	71.1	46.2	19.0	3.3	0.0	0.0	143.4	21.8	125.6	19.8	0.0
MAX	0	0	0	8	92	268	363	266	83	12	0	0	804	92	708	90	0
MIN	0	0	0	0	0	28	87	44	0	0	0	0	191	0	159	0	0

Interval/	1901	1930															
AVE	0.0	0.0	0.0	0.3	22.7	87.3	173.6	111.0	20.1	0.9	0.0	0.0	415.9	22.9	372.0	21.0	0.0
MEDIAN	0.0	0.0	0.0	0.0	18.5	72.5	153.0	108.0	13.5	0.0	0.0	0.0	415.5	18.5	347.5	13.5	0.0
STD	0.0	0.0	0.0	1.4	16.3	49.1	68.8	38.6	17.2	2.9	0.0	0.0	129.3	16.0	119.3	17.5	0.0
MAX	0	0	0	8	72	201	363	183	71	12	0	0	804	72	708	71	0
MIN	0	0	0	0	0	28	87	44	0	0	0	0	191	0	159	0	0

Data as of 4 Aug 2023