

Wisconsin State Climatology Office

Cooling Degree Day Units - base 65°F: Wisconsin (statewide)

Data Source: National Centers for Environmental Information

Jan 1895 -Jul 2023

SPRING SUMMER FALL WINTER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	MAM	JJA	SON	DJF
1895	0	0	0	0	26	130	128	155	60	0	0	0	499	26	413	60	0
1896	0	0	0	1	87	119	176	160	4	0	0	0	547	88	455	4	0
1897	0	0	0	0	14	63	240	82	76	6	0	0	481	14	385	82	0
1898	0	0	0	0	20	119	198	122	39	0	0	0	498	20	439	39	0
1899	0	0	0	0	24	113	175	176	8	6	0	0	502	24	464	14	0
1900	0	0	0	0	38	89	146	273	30	15	0	0	591	38	508	45	0
1901	0	0	0	0	22	125	330	160	16	1	0	0	654	22	615	17	0
1902	0	0	0	0	31	44	180	79	5	0	0	0	339	31	303	5	0
1903	0	0	0	0	31	44	152	69	14	0	0	0	310	31	265	14	0
1904	0	0	0	0	20	71	121	73	16	0	0	0	301	20	265	16	0
1905	0	0	0	0	13	74	122	139	36	0	0	0	384	13	335	36	0
1906	0	0	0	0	19	80	141	185	64	0	0	0	489	19	406	64	0
1907	0	0	0	0	1	67	151	88	11	0	0	0	318	1	306	11	0
1908	0	0	0	0	22	74	173	119	78	0	0	0	466	22	366	78	0
1909	0	0	0	0	13	84	151	190	13	0	0	0	451	13	425	13	0
1910	0	0	1	0	6	114	240	145	13	5	0	0	524	7	499	18	0
1911	0	0	0	0	62	176	199	108	23	0	0	0	568	62	483	23	0
1912	0	0	0	0	23	60	152	79	24	0	0	0	338	23	291	24	0
1913	0	0	0	0	15	125	159	148	17	0	0	0	464	15	432	17	0
1914	0	0	0	0	33	80	215	132	19	7	0	0	486	33	427	26	0
1915	0	0	0	6	5	30	85	43	23	0	0	0	192	11	158	23	0
1916	0	0	0	0	16	29	344	186	8	0	0	0	583	16	559	8	0
1917	0	0	0	0	5	35	177	85	8	0	0	0	310	5	297	8	0
1918	0	0	0	0	41	76	129	193	0	4	0	0	443	41	398	4	0
1919	0	0	0	0	12	173	246	117	42	0	0	0	590	12	536	42	0
1920	0	0	0	0	14	112	114	96	53	12	0	0	401	14	322	65	0
1921	0	0	0	0	38	192	360	141	59	0	0	0	790	38	693	59	0
1922	0	0	0	0	63	119	131	152	45	4	0	0	514	63	402	49	0
1923	0	0	0	0	16	158	214	96	18	0	0	0	502	16	468	18	0
1924	0	0	0	0	3	43	104	94	0	7	0	0	251	3	241	7	0
1925	0	0	0	1	7	112	146	144	60	0	0	0	470	8	402	60	0
1926	0	0	0	0	25	34	158	132	11	0	0	0	360	25	324	11	0
1927	0	0	0	0	9	49	135	61	48	4	0	0	306	9	245	52	0
1928	0	0	0	0	28	33	177	142	5	1	0	0	386	28	352	6	0
1929	0	0	0	0	8	52	185	107	16	0	0	0	368	8	344	16	0
1930	0	0	0	0	24	104	212	182	34	0	0	0	556	24	498	34	0
1931	0	0	0	0	11	165	283	148	94	6	0	0	707	11	596	100	0
1932	0	0	0	0	24	141	219	169	13	0	0	0	566	24	529	13	0
1933	0	0	0	0	23	251	230	114	71	0	0	0	689	23	595	71	0
1934	0	0	0	0	80	190	242	112	11	4	0	0	639	80	544	15	0
1935	0	0	0	0	5	38	300	155	20	0	0	0	518	5	493	20	0
1936	0	0	0	0	60	64	325	216	46	0	0	0	711	60	605	46	0
1937	0	0	0	0	24	73	229	264	25	0	0	0	615	24	566	25	0
1938	0	0	0	0	18	78	181	197	17	7	0	0	498	18	456	24	0
1939	0	0	0	0	47	119	226	153	57	0	0	0	602	47	498	57	0
1940	0	0	0	0	10	91	206	117	22	4	0	0	450	10	414	26	0
1941	0	0	0	1	49	111	210	162	42	1	0	0	576	50	483	43	0
1942	0	0	0	1	15	88	171	129	8	0	0	0	412	16	388	8	0
1943	0	0	0	0	13	142	220	171	4	0	0	0	550	13	533	4	0
1944	0	0	0	0	50	137	161	176	30	0	0	0	554	50	474	30	0
1945	0	0	0	0	5	32	117	134	14	0	0	0	302	5	283	14	0
1946	0	0	0	0	12	74	181	99	18	6	0	0	390	12	354	24	0
1947	0	0	0	0	5	45	148	309	38	24	0	0	569	5	502	62	0
1948	0	0	0	0	12	77	206	172	59	0	0	0	526	12	455	59	0
1949	0	0	0	0	28	155	249	173	4	5	0	0	614	28	577	9	0
1950	0	0	0	0	15	84	105	61	12	6	0	0	283	15	250	18	0
1951	0	0	0	0	37	44	138	76	5	0	0	0	300	37	258	5	0
1952	0	0	0	0	17	125	221	111	21	0	0	0	495	17	457	21	0
1953	0	0	0	0	20	128	190	172	23	9	0	0	542	20	490	32	0
1954	0	0	0	0	5	138	177	108	26	0	0	0	454	5	423	26	0
1955	0	0	0	2	36	72	315	256	29	0	0	0	710	38	643	29	0
1956	0	0	0	0	15	142	113	132	8	10	0	0	420	15	387	18	0
1957	0	0	0	0	13	90	203	131	10	0	0	0	447	13	424	10	0
1958	0	0	0	0	23	32	126	153	22	4	0	0	360	23	311	26	0
1959	0	0	0	0	51	118	151	237	36	0	0	0	593	51	506	36	0
1960	0	0	0	0	13	56	131	156	41	0	0	0	397	13	343	41	0

Cooling Degree Day Units - base 65°F: Wisconsin (statewide)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	MAM	JJA	SON	DJF
1961	0	0	0	0	10	96	159	156	33	0	0	0	454	10	411	33	0
1962	0	0	0	0	53	84	101	138	6	3	0	0	385	53	323	9	0
1963	0	0	0	0	13	123	201	103	19	26	0	0	485	13	427	45	0
1964	0	0	0	0	58	107	223	97	14	0	0	0	499	58	427	14	0
1965	0	0	0	0	44	71	135	101	11	0	0	0	362	44	307	11	0
1966	0	0	0	0	6	111	240	102	13	0	0	0	472	6	453	13	0
1967	0	0	0	0	5	102	116	64	11	0	0	0	298	5	282	11	0
1968	0	0	0	0	10	90	146	146	22	1	0	0	415	10	382	23	0
1969	0	0	0	0	22	22	155	187	20	0	0	0	406	22	364	20	0
1970	0	0	0	0	26	106	215	156	21	1	0	0	525	26	477	22	0
1971	0	0	0	0	10	157	114	101	48	15	0	0	445	10	372	63	0
1972	0	0	0	0	36	56	133	132	16	0	0	0	373	36	321	16	0
1973	0	0	0	0	8	128	205	188	22	9	0	0	560	8	521	31	0
1974	0	0	0	0	8	51	216	103	4	0	0	0	382	8	370	4	0
1975	0	0	0	0	44	99	200	154	4	3	0	0	504	44	453	7	0
1976	0	0	0	0	11	130	212	123	11	0	0	0	487	11	465	11	0
1977	0	0	0	2	93	69	239	80	20	0	0	0	503	95	388	20	0
1978	0	0	0	0	25	86	131	143	57	0	0	0	442	25	360	57	0
1979	0	0	0	0	14	80	158	100	27	0	0	0	379	14	338	27	0
1980	0	0	0	0	33	71	216	160	18	0	0	0	498	33	447	18	0
1981	0	0	0	0	13	103	156	133	10	0	0	0	415	13	392	10	0
1982	0	0	0	0	51	29	190	98	11	0	0	0	379	51	317	11	0
1983	0	0	0	0	6	101	289	236	22	0	0	0	654	6	626	22	0
1984	0	0	0	0	11	120	147	191	11	2	0	0	482	11	458	13	0
1985	0	0	0	2	46	59	171	96	27	0	0	0	401	48	326	27	0
1986	0	0	0	0	30	82	212	78	24	0	0	0	426	30	372	24	0
1987	0	0	0	1	45	172	255	128	23	0	0	0	624	46	555	23	0
1988	0	0	0	0	48	168	271	252	31	0	0	0	770	48	691	31	0
1989	0	0	0	0	17	75	199	132	11	0	0	0	434	17	406	11	0
1990	0	0	0	0	9	99	150	135	38	0	0	0	431	9	384	38	0
1991	0	0	0	0	62	159	184	165	13	0	0	0	583	62	508	13	0
1992	0	0	0	0	23	53	78	64	10	0	0	0	228	23	195	10	0
1993	0	0	0	0	23	57	162	169	0	0	0	0	411	23	388	0	0
1994	0	0	0	0	20	128	140	85	42	3	0	0	418	20	353	45	0
1995	0	0	0	0	16	163	222	280	9	0	0	0	690	16	665	9	0
1996	0	0	0	0	8	89	108	144	21	0	0	0	370	8	341	21	0
1997	0	0	0	0	5	107	146	81	23	0	0	0	362	5	334	23	0
1998	0	0	0	0	65	90	189	184	68	3	0	0	599	65	463	71	0
1999	0	0	0	0	38	113	286	114	17	0	0	0	568	38	513	17	0
2000	0	0	0	0	33	81	137	151	22	5	0	0	429	33	369	27	0
2001	0	0	0	0	31	88	212	202	13	0	0	0	546	31	502	13	0
2002	0	0	0	0	7	126	279	159	54	0	0	0	625	7	564	54	0
2003	0	0	0	0	14	67	159	207	23	0	0	0	470	14	433	23	0
2004	0	0	0	0	17	62	126	66	61	0	0	0	332	17	254	61	0
2005	0	0	0	0	12	195	210	178	80	3	0	0	678	12	583	83	0
2006	0	0	0	1	26	94	262	165	11	0	0	0	559	27	521	11	0
2007	0	0	0	0	49	130	177	179	44	12	0	0	591	49	486	56	0
2008	0	0	0	0	11	103	175	132	38	0	0	0	459	11	410	38	0
2009	0	0	0	0	23	83	77	103	35	0	0	0	321	23	263	35	0
2010	0	0	0	2	38	116	252	232	18	4	0	0	662	40	600	22	0
2011	0	0	0	0	16	92	294	169	13	2	0	0	586	16	555	15	0
2012	0	0	9	0	57	147	365	150	17	0	0	0	745	66	662	17	0
2013	0	0	0	0	26	87	169	146	36	0	0	0	464	26	402	36	0
2014	0	0	0	0	23	119	102	145	17	0	0	0	406	23	366	17	0
2015	0	0	0	0	30	78	145	124	89	3	0	0	469	30	347	92	0
2016	0	0	0	0	25	121	210	208	72	6	0	0	642	25	539	78	0
2017	0	0	0	0	14	120	173	96	56	7	0	0	466	14	389	63	0
2018	0	0	0	0	76	120	198	182	48	0	0	0	624	76	500	48	0
2019	0	0	0	0	10	75	250	121	60	0	0	0	516	10	446	60	0
2020	0	0	0	0	16	130	270	173	16	0	0	0	605	16	573	16	0
2021	0	0	0	0	22	187	186	209	52	14	0	0	670	22	582	66	0
2022	0	0	0	0	36	115	193	154	36	0	0	0	534	36	462	36	0
2023	0	0	0	0	28	117	190							28			

Multi-year Statistics

Interval/	1895	2022															
AVE	0.0	0.0	0.1	0.2	25.4	98.9	188.5	143.5	27.7	2.2	0.0	0.0	486.2	25.6	430.8	29.9	0.0
MEDIAN	0.0	0.0	0.0	0.0	21.0	93.0	180.5	143.5	21.5	0.0	0.0	0.0	483.5	21.0	426.0	23.0	0.0

Cooling Degree Day Units - base 65°F: Wisconsin (statewide)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	MAM	JJA	SON	DJF
STD	0.00	0.00	0.80	0.65	18.67	41.94	59.47	49.90	20.71	4.42	0.00	0.00	119.81	18.88	109.13	21.69	0.00
MAX	0	0	9	6	93	251	365	309	94	26	0	0	790	95	693	100	0
MIN	0	0	0	0	1	22	77	43	0	0	0	0	192	1	158	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	0.2	24.6	95.6	185.8	139.0	24.4	2.0	0.0	0.0	471.5	24.8	420.4	26.4	0.0
MEDIAN	0.0	0.0	0.0	0.0	19.5	89.5	178.5	134.5	20.0	0.0	0.0	0.0	459.0	19.5	408.5	21.5	0.0
STD	0.00	0.00	0.10	0.70	18.57	43.86	58.65	50.33	18.56	4.41	0.00	0.00	120.95	18.63	110.19	19.39	0.00
MAX	0	0	1	6	93	251	360	309	94	26	0	0	790	95	693	100	0
MIN	0	0	0	0	1	22	78	43	0	0	0	0	192	1	158	0	0

Interval/	1951	2000															
AVE	0.0	0.0	0.0	0.1	26.6	96.6	179.4	139.6	21.0	1.9	0.0	0.0	465.3	26.7	415.7	22.9	0.0
MEDIAN	0.0	0.0	0.0	0.0	21.0	97.5	174.0	132.5	20.5	0.0	0.0	0.0	443.5	21.0	390.0	21.0	0.0
STD	0.00	0.00	0.00	0.49	19.33	36.23	52.10	49.95	13.44	4.62	0.00	0.00	106.71	19.55	100.81	14.69	0.00
MAX	0	0	0	2	93	172	315	280	68	26	0	0	770	95	691	71	0
MIN	0	0	0	0	5	22	78	64	0	0	0	0	228	5	195	0	0

Interval/	1991	2020															
AVE	0.0	0.0	0.3	0.1	27.1	106.4	191.9	152.5	34.2	1.6	0.0	0.0	514.1	27.5	450.8	35.8	0.0
MEDIAN	0.0	0.0	0.0	0.0	23.0	105.0	180.5	155.0	23.0	0.0	0.0	0.0	531.0	23.0	454.5	25.0	0.0
STD	0.0	0.0	1.6	0.4	18.0	32.5	67.3	48.3	23.5	2.8	0.0	0.0	123.5	18.6	116.4	24.7	0.0
MAX	0	0	9	2	76	195	365	280	89	12	0	0	745	76	665	92	0
MIN	0	0	0	0	5	53	77	64	0	0	0	0	228	5	195	0	0

Interval/	1981	2010															
AVE	0.0	0.0	0.0	0.2	26.6	103.7	187.4	151.3	27.0	1.1	0.0	0.0	497.2	26.8	442.4	28.1	0.0
MEDIAN	0.0	0.0	0.0	0.0	23.0	100.0	180.5	147.5	22.5	0.0	0.0	0.0	464.5	23.0	421.5	23.0	0.0
STD	0.0	0.0	0.0	0.5	17.0	38.5	57.6	55.4	18.8	2.5	0.0	0.0	128.5	17.2	122.3	19.7	0.0
MAX	0	0	0	2	65	195	289	280	80	12	0	0	770	65	691	83	0
MIN	0	0	0	0	5	29	77	64	0	0	0	0	228	5	195	0	0

Interval/	1971	2000															
AVE	0.0	0.0	0.0	0.2	28.4	99.2	183.9	140.0	22.0	1.3	0.0	0.0	474.9	28.5	423.0	23.3	0.0
MEDIAN	0.0	0.0	0.0	0.0	23.0	94.5	186.5	132.5	20.5	0.0	0.0	0.0	438.0	23.0	388.0	20.5	0.0
STD	0.0	0.0	0.0	0.5	20.9	37.7	51.9	51.5	15.3	3.2	0.0	0.0	112.8	21.1	108.0	16.7	0.0
MAX	0	0	0	2	93	172	289	280	68	15	0	0	770	95	691	71	0
MIN	0	0	0	0	5	29	78	64	0	0	0	0	228	5	195	0	0

Interval/	1961	1990															
AVE	0.0	0.0	0.0	0.2	26.8	94.9	185.2	133.8	20.2	2.0	0.0	0.0	463.0	27.0	413.8	22.2	0.0
MEDIAN	0.0	0.0	0.0	0.0	19.5	97.5	194.5	132.0	19.5	0.0	0.0	0.0	443.5	19.5	390.0	20.0	0.0
STD	0.0	0.0	0.0	0.5	20.7	35.0	47.7	43.6	12.0	5.4	0.0	0.0	94.0	21.0	91.1	13.9	0.0
MAX	0	0	0	2	93	172	289	252	57	26	0	0	770	95	691	63	0
MIN	0	0	0	0	5	22	101	64	4	0	0	0	298	5	282	4	0

Interval/	1951	1980															
AVE	0.0	0.0	0.0	0.1	25.3	92.8	176.0	135.5	20.6	2.7	0.0	0.0	453.1	25.4	404.3	23.3	0.0
MEDIAN	0.0	0.0	0.0	0.0	18.5	93.0	168.0	132.0	20.0	0.0	0.0	0.0	450.5	18.5	399.5	20.5	0.0
STD	0.0	0.0	0.0	0.5	19.8	33.5	48.9	43.2	12.5	5.7	0.0	0.0	85.2	20.0	79.9	14.2	0.0
MAX	0	0	0	2	93	157	315	256	57	26	0	0	710	95	643	63	0
MIN	0	0	0	0	5	22	101	64	4	0	0	0	298	5	258	4	0

Interval/	1941	1970															
AVE	0.0	0.0	0.0	0.1	22.7	93.4	174.1	145.6	20.7	3.2	0.0	0.0	459.8	22.8	413.1	23.9	0.0
MEDIAN	0.0	0.0	0.0	0.0	15.0	93.0	166.0	142.0	19.5	0.0	0.0	0.0	454.0	15.5	423.5	21.5	0.0
STD	0.0	0.0	0.0	0.4	16.3	35.5	49.2	53.4	13.0	6.5	0.0	0.0	102.7	16.4	93.6	14.8	0.0
MAX	0	0	0	2	58	155	315	309	59	26	0	0	710	58	643	62	0
MIN	0	0	0	0	5	22	101	61	4	0	0	0	283	5	250	4	0

Interval/	1931	1960															
AVE	0.0	0.0	0.0	0.1	24.5	103.3	199.1	158.8	27.5	2.9	0.0	0.0	516.3	24.7	461.2	30.4	0.0
MEDIAN	0.0	0.0	0.0	0.0	17.5	90.5	204.5	154.0	22.0	0.0	0.0	0.0	534.0	17.5	478.5	25.5	0.0
STD	0.0	0.0	0.0	0.4	18.4	49.8	57.8	54.5	20.9	5.0	0.0	0.0	120.7	18.4	103.3	21.4	0.0
MAX	0	0	0	2	80	251	325	309	94	24	0	0	711	80	643	100	0
MIN	0	0	0	0	5	32	105	61	4	0	0	0	283	5	250	4	0

Interval/	1921	1950															
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Cooling Degree Day Units - base 65°F: Wisconsin (statewide)

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	0.1	24.2	101.7	201.0	149.4	30.0	2.6	0.0	0.0	509.1	24.3	452.1	32.7	0.0
MEDIAN	0.0	0.0	0.0	0.0	17.0	89.5	206.0	146.0	21.0	0.0	0.0	0.0	522.0	17.0	471.0	24.5	0.0
STD	0.0	0.0	0.0	0.3	19.4	54.3	60.9	51.6	23.0	4.7	0.0	0.0	134.7	19.4	115.1	23.5	0.0
MAX	0	0	0	1	80	251	360	309	94	24	0	0	790	80	693	100	0
MIN	0	0	0	0	3	32	104	61	0	0	0	0	251	3	241	4	0

Interval/	1911	1940															
AVE	0.0	0.0	0.0	0.2	25.0	100.1	202.8	136.1	29.6	2.0	0.0	0.0	495.8	25.2	438.9	31.6	0.0
MEDIAN	0.0	0.0	0.0	0.0	20.5	85.5	202.5	136.5	22.5	0.0	0.0	0.0	500.0	20.5	444.0	24.0	0.0
STD	0.0	0.0	0.0	1.1	19.7	58.2	68.3	46.7	22.6	3.1	0.0	0.0	141.7	19.5	123.8	23.0	0.0
MAX	0	0	0	6	80	251	360	264	94	12	0	0	790	80	693	100	0
MIN	0	0	0	0	3	29	85	43	0	0	0	0	192	3	158	4	0

Interval/	1901	1930															
AVE	0.0	0.0	0.0	0.2	20.8	85.6	180.1	122.8	26.0	1.5	0.0	0.0	437.1	21.1	388.6	27.5	0.0
MEDIAN	0.0	0.0	0.0	0.0	17.5	75.0	158.5	125.5	17.5	0.0	0.0	0.0	447.0	17.5	382.0	18.0	0.0
STD	0.0	0.0	0.2	1.1	15.1	45.8	66.7	41.1	20.6	2.9	0.0	0.0	127.4	14.9	117.3	20.9	0.0
MAX	0	0	1	6	63	192	360	193	78	12	0	0	790	63	693	78	0
MIN	0	0	0	0	1	29	85	43	0	0	0	0	192	1	158	4	0

Data as of 4 Aug 2023