

Wisconsin State Climatology Office

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

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	45	171	215	220	94	0	0	0	745	45	606	94	0
1896	0	0	0	5	120	148	221	190	7	0	0	0	691	125	559	7	0
1897	0	0	0	0	27	108	297	108	114	10	0	0	664	27	513	124	0
1898	0	0	0	0	34	165	245	158	57	0	0	0	659	34	568	57	0
1899	0	0	0	0	38	144	223	213	15	10	0	0	643	38	580	25	0
1900	0	0	0	0	57	119	177	321	40	22	0	0	736	57	617	62	0
1901	0	0	0	0	38	160	428	192	21	6	0	0	845	38	780	27	0
1902	0	0	0	0	53	58	205	103	9	0	0	0	428	53	366	9	0
1903	0	0	0	0	51	62	184	102	18	0	0	0	417	51	348	18	0
1904	0	0	0	0	29	100	151	95	33	0	0	0	408	29	346	33	0
1905	0	0	0	0	21	109	156	183	51	0	0	0	520	21	448	51	0
1906	0	0	0	0	28	101	170	218	75	0	0	0	592	28	489	75	0
1907	0	0	0	0	5	76	194	124	16	0	0	0	415	5	394	16	0
1908	0	0	0	0	32	84	199	139	84	0	0	0	538	32	422	84	0
1909	0	0	0	0	22	116	187	256	17	0	0	0	598	22	559	17	0
1910	0	0	7	0	12	142	288	188	21	7	0	0	665	19	618	28	0
1911	0	0	0	0	89	221	245	129	33	0	0	0	717	89	595	33	0
1912	0	0	0	0	38	84	205	115	36	0	0	0	478	38	404	36	0
1913	0	0	0	0	24	156	218	197	30	0	0	0	625	24	571	30	0
1914	0	0	0	0	50	126	262	173	33	11	0	0	655	50	561	44	0
1915	0	0	0	11	9	46	116	62	33	0	0	0	277	20	224	33	0
1916	0	0	0	0	26	47	415	245	21	0	0	0	754	26	707	21	0
1917	0	0	0	0	10	55	210	113	15	0	0	0	403	10	378	15	0
1918	0	0	0	0	66	105	170	223	0	6	0	0	570	66	498	6	0
1919	0	0	0	0	19	206	291	131	59	0	0	0	706	19	628	59	0
1920	0	0	0	0	21	148	163	122	59	15	0	0	528	21	433	74	0
1921	0	0	0	0	53	241	366	171	71	0	0	0	902	53	778	71	0
1922	0	0	0	0	86	148	154	197	67	7	0	0	659	86	499	74	0
1923	0	0	0	0	31	204	300	143	29	0	0	0	707	31	647	29	0
1924	0	0	0	0	6	63	131	137	6	12	0	0	355	6	331	18	0
1925	0	0	0	7	14	140	187	169	91	0	0	0	608	21	496	91	0
1926	0	0	0	0	46	51	210	167	22	0	0	0	496	46	428	22	0
1927	0	0	0	0	17	72	184	72	69	6	0	0	420	17	328	75	0
1928	0	0	0	0	48	54	229	180	10	6	0	0	527	48	463	16	0
1929	0	0	0	0	15	83	231	147	25	0	0	0	501	15	461	25	0
1930	0	0	0	0	33	126	279	231	54	0	0	0	723	33	636	54	0
1931	0	0	0	0	16	236	353	190	124	9	0	0	928	16	779	133	0
1932	0	0	0	0	41	173	268	183	16	0	0	0	681	41	624	16	0
1933	0	0	0	0	34	312	259	145	94	0	0	0	844	34	716	94	0
1934	0	0	0	0	128	282	311	145	18	8	0	0	892	128	738	26	0
1935	0	0	0	0	9	59	344	183	30	0	0	0	625	9	586	30	0
1936	0	0	0	0	89	100	400	281	58	0	0	0	928	89	781	58	0
1937	0	0	0	0	38	106	279	316	44	0	0	0	783	38	701	44	0
1938	0	0	0	0	26	106	242	239	34	12	0	0	659	26	587	46	0
1939	0	0	0	0	82	156	265	169	87	0	0	0	759	82	590	87	0
1940	0	0	0	0	18	146	276	143	35	8	0	0	626	18	565	43	0
1941	0	0	0	0	75	133	242	205	55	0	0	0	710	75	580	55	0
1942	0	0	0	0	21	116	205	153	12	0	0	0	507	21	474	12	0
1943	0	0	0	0	18	180	256	195	8	0	0	0	657	18	631	8	0
1944	0	0	0	0	74	169	175	190	42	0	0	0	650	74	534	42	0
1945	0	0	0	0	8	44	149	160	19	0	0	0	380	8	353	19	0
1946	0	0	0	0	17	106	218	112	21	9	0	0	483	17	436	30	0
1947	0	0	0	0	9	70	177	351	54	31	0	0	692	9	598	85	0
1948	0	0	0	0	18	101	240	195	71	0	0	0	625	18	536	71	0
1949	0	0	0	0	43	173	282	190	6	8	0	0	702	43	645	14	0
1950	0	0	0	0	27	100	125	84	21	10	0	0	367	27	309	31	0
1951	0	0	0	0	51	63	158	97	8	0	0	0	377	51	318	8	0
1952	0	0	0	0	22	152	256	119	25	0	0	0	574	22	527	25	0
1953	0	0	0	0	27	160	207	185	30	13	0	0	622	27	552	43	0
1954	0	0	0	0	8	173	231	135	40	0	0	0	587	8	539	40	0
1955	0	0	0	6	52	80	366	287	49	0	0	0	840	58	733	49	0
1956	0	0	0	0	27	185	147	164	13	14	0	0	550	27	496	27	0
1957	0	0	0	0	18	111	256	153	14	0	0	0	552	18	520	14	0
1958	0	0	0	0	32	50	139	176	31	7	0	0	435	32	365	38	0
1959	0	0	0	0	67	135	167	253	39	0	0	0	661	67	555	39	0
1960	0	0	0	0	20	67	151	180	51	0	0	0	469	20	398	51	0

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	MAM	JJA	SON	DJF
1961	0	0	0	0	15	119	170	176	25	0	0	0	505	15	465	25	0
1962	0	0	0	0	78	106	117	143	8	6	0	0	458	78	366	14	0
1963	0	0	0	0	19	160	221	126	29	35	0	0	590	19	507	64	0
1964	0	0	0	0	80	129	271	115	20	0	0	0	615	80	515	20	0
1965	0	0	0	0	62	93	172	124	12	0	0	0	463	62	389	12	0
1966	0	0	0	0	10	121	245	119	15	0	0	0	510	10	485	15	0
1967	0	0	0	0	10	124	141	78	14	0	0	0	367	10	343	14	0
1968	0	0	0	0	15	116	175	171	23	0	0	0	500	15	462	23	0
1969	0	0	0	0	33	31	202	197	25	0	0	0	488	33	430	25	0
1970	0	0	0	0	45	129	229	164	27	0	0	0	594	45	522	27	0
1971	0	0	0	0	15	208	121	122	55	19	0	0	540	15	451	74	0
1972	0	0	0	0	55	84	154	169	28	0	0	0	490	55	407	28	0
1973	0	0	0	0	13	146	234	208	25	13	0	0	639	13	588	38	0
1974	0	0	0	0	13	65	256	115	6	0	0	0	455	13	436	6	0
1975	0	0	0	0	55	124	218	183	6	6	0	0	592	55	525	12	0
1976	0	0	0	0	17	139	245	141	16	0	0	0	558	17	525	16	0
1977	0	0	0	7	116	103	279	97	26	0	0	0	628	123	479	26	0
1978	0	0	0	0	31	108	172	167	78	0	0	0	556	31	447	78	0
1979	0	0	0	0	22	111	179	133	38	0	0	0	483	22	423	38	0
1980	0	0	0	0	43	106	274	190	30	0	0	0	643	43	570	30	0
1981	0	0	0	0	20	117	187	141	15	0	0	0	480	20	445	15	0
1982	0	0	0	0	67	42	226	129	18	0	0	0	482	67	397	18	0
1983	0	0	0	0	11	135	311	292	30	0	0	0	779	11	738	30	0
1984	0	0	0	0	13	144	170	220	19	6	0	0	572	13	534	25	0
1985	0	0	0	6	66	77	207	103	29	0	0	0	488	72	387	29	0
1986	0	0	0	0	41	124	259	85	31	0	0	0	540	41	468	31	0
1987	0	0	0	0	61	187	300	143	27	0	0	0	718	61	630	27	0
1988	0	0	0	0	67	192	300	289	46	0	0	0	894	67	781	46	0
1989	0	0	0	0	23	97	256	151	13	0	0	0	540	23	504	13	0
1990	0	0	0	0	14	123	189	167	53	0	0	0	546	14	479	53	0
1991	0	0	0	0	78	196	207	178	16	0	0	0	675	78	581	16	0
1992	0	0	0	0	31	77	100	74	14	0	0	0	296	31	251	14	0
1993	0	0	0	0	32	80	177	183	0	0	0	0	472	32	440	0	0
1994	0	0	0	0	27	154	151	95	54	6	0	0	487	27	400	60	0
1995	0	0	0	0	20	173	237	327	13	0	0	0	770	20	737	13	0
1996	0	0	0	0	13	114	137	153	25	0	0	0	442	13	404	25	0
1997	0	0	0	0	8	139	182	102	30	0	0	0	461	8	423	30	0
1998	0	0	0	0	83	100	207	197	78	5	0	0	670	83	504	83	0
1999	0	0	0	0	47	137	320	137	19	0	0	0	660	47	594	19	0
2000	0	0	0	0	44	88	175	183	34	8	0	0	532	44	446	42	0
2001	0	0	0	0	42	98	242	208	15	0	0	0	605	42	548	15	0
2002	0	0	0	0	14	156	300	169	59	0	0	0	698	14	625	59	0
2003	0	0	0	0	21	93	197	256	29	0	0	0	596	21	546	29	0
2004	0	0	0	0	29	90	154	81	71	0	0	0	425	29	325	71	0
2005	0	0	0	0	17	221	242	178	89	6	0	0	753	17	641	95	0
2006	0	0	0	0	34	119	300	195	14	0	0	0	662	34	614	14	0
2007	0	0	0	0	74	148	210	208	57	15	0	0	712	74	566	72	0
2008	0	0	0	0	17	128	213	149	48	0	0	0	555	17	490	48	0
2009	0	0	0	0	31	119	85	115	49	0	0	0	399	31	319	49	0
2010	0	0	0	6	46	144	279	258	27	7	0	0	767	52	681	34	0
2011	0	0	0	0	26	137	338	192	15	6	0	0	714	26	667	21	0
2012	0	0	17	0	83	171	409	164	21	0	0	0	865	100	744	21	0
2013	0	0	0	0	38	116	199	176	62	0	0	0	591	38	491	62	0
2014	0	0	0	0	33	171	121	185	26	0	0	0	536	33	477	26	0
2015	0	0	0	0	44	109	170	143	112	5	0	0	583	44	422	117	0
2016	0	0	0	0	34	150	218	215	79	9	0	0	705	34	583	88	0
2017	0	0	0	0	22	146	210	110	72	8	0	0	568	22	466	80	0
2018	0	0	0	0	111	173	221	197	58	0	0	0	760	111	591	58	0
2019	0	0	0	0	17	111	291	133	84	0	0	0	636	17	535	84	0
2020	0	0	0	0	21	156	291	180	17	0	0	0	665	21	627	17	0
2021	0	0	0	0	27	216	215	208	59	15	0	0	740	27	639	74	0
2022	0	0	0	0	50	131	218	164	45	0	0	0	608	50	513	45	0
2023	0	0	0	0	42	146	192							42			

Multi-year Statistics

Interval/	1895	2022															
AVE	0.0	0.0	0.2	0.4	37.3	126.7	224.3	169.4	37.2	3.3	0.0	0.0	598.9	37.9	520.6	40.5	0.0
MEDIAN	0.0	0.0	0.0	0.0	31.0	122.0	218.0	169.0	29.5	0.0	0.0	0.0	595.0	31.0	517.5	30.0	0.0

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	MAM	JJA	SON	DJF
STD	0.00	0.00	1.61	1.62	25.80	49.24	66.93	55.68	26.07	6.08	0.00	0.00	135.96	26.31	120.80	27.30	0.00
MAX	0	0	17	11	128	312	428	351	124	35	0	0	928	128	781	133	0
MIN	0	0	0	0	5	31	85	62	0	0	0	0	277	5	224	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	0.1	0.4	36.2	122.5	222.5	165.9	33.3	3.1	0.0	0.0	583.8	36.6	510.8	36.4	0.0
MEDIAN	0.0	0.0	0.0	0.0	27.5	116.0	210.0	165.5	27.5	0.0	0.0	0.0	571.0	27.5	498.5	29.5	0.0
STD	0.00	0.00	0.70	1.67	25.60	52.29	67.37	56.81	23.40	6.11	0.00	0.00	140.78	25.75	125.30	24.46	0.00
MAX	0	0	7	11	128	312	428	351	124	35	0	0	928	128	781	133	0
MIN	0	0	0	0	5	31	100	62	0	0	0	0	277	5	224	0	0

Interval/	1951	2000															
AVE	0.0	0.0	0.0	0.4	36.7	119.9	209.0	160.7	27.4	2.8	0.0	0.0	556.9	37.1	489.6	30.2	0.0
MEDIAN	0.0	0.0	0.0	0.0	29.0	120.0	207.0	153.0	25.0	0.0	0.0	0.0	543.0	29.0	479.0	26.5	0.0
STD	0.00	0.00	0.00	1.51	24.81	40.31	57.64	55.53	16.64	6.36	0.00	0.00	114.71	25.51	106.54	18.45	0.00
MAX	0	0	0	7	116	208	366	327	78	35	0	0	894	123	781	83	0
MIN	0	0	0	0	8	31	100	74	0	0	0	0	296	8	251	0	0

Interval/	1991	2020															
AVE	0.0	0.0	0.6	0.2	37.9	133.8	219.4	171.4	42.9	2.5	0.0	0.0	608.7	38.7	524.6	45.4	0.0
MEDIAN	0.0	0.0	0.0	0.0	31.5	137.0	210.0	178.0	32.0	0.0	0.0	0.0	620.5	31.5	540.5	38.0	0.0
STD	0.0	0.0	3.1	1.1	24.2	34.6	71.9	53.5	28.1	3.9	0.0	0.0	128.1	25.5	119.5	29.8	0.0
MAX	0	0	17	6	111	221	409	327	112	15	0	0	865	111	744	117	0
MIN	0	0	0	0	8	77	85	74	0	0	0	0	296	8	251	0	0

Interval/	1981	2010															
AVE	0.0	0.0	0.0	0.4	36.4	127.1	217.3	172.2	34.1	1.8	0.0	0.0	589.2	36.8	516.6	35.8	0.0
MEDIAN	0.0	0.0	0.0	0.0	31.0	123.5	208.5	168.0	29.0	0.0	0.0	0.0	563.5	31.0	504.0	29.5	0.0
STD	0.0	0.0	0.0	1.5	22.0	39.9	60.8	64.2	21.3	3.5	0.0	0.0	134.7	22.4	128.1	22.9	0.0
MAX	0	0	0	6	83	221	320	327	89	15	0	0	894	83	781	95	0
MIN	0	0	0	0	8	42	85	74	0	0	0	0	296	8	251	0	0

Interval/	1971	2000															
AVE	0.0	0.0	0.0	0.4	38.2	123.0	214.3	162.5	29.1	2.1	0.0	0.0	569.6	38.6	499.8	31.2	0.0
MEDIAN	0.0	0.0	0.0	0.0	31.0	120.0	207.0	152.0	26.5	0.0	0.0	0.0	543.0	31.0	473.5	27.5	0.0
STD	0.0	0.0	0.0	1.6	26.1	39.9	56.7	59.6	18.8	4.5	0.0	0.0	119.5	27.1	113.3	20.5	0.0
MAX	0	0	0	7	116	208	320	327	78	19	0	0	894	123	781	83	0
MIN	0	0	0	0	8	42	100	74	0	0	0	0	296	8	251	0	0

Interval/	1961	1990															
AVE	0.0	0.0	0.0	0.4	37.7	118.7	216.0	155.3	26.2	2.8	0.0	0.0	557.1	38.1	489.9	29.1	0.0
MEDIAN	0.0	0.0	0.0	0.0	27.0	120.0	219.5	143.0	25.0	0.0	0.0	0.0	540.0	27.0	473.5	25.5	0.0
STD	0.0	0.0	0.0	1.6	26.9	38.0	52.3	50.0	15.3	7.4	0.0	0.0	103.4	27.8	96.6	17.7	0.0
MAX	0	0	0	7	116	208	311	292	78	35	0	0	894	123	781	78	0
MIN	0	0	0	0	10	31	117	78	6	0	0	0	367	10	343	6	0

Interval/	1951	1980															
AVE	0.0	0.0	0.0	0.4	35.7	116.6	205.1	156.2	26.9	3.8	0.0	0.0	544.7	36.1	477.9	30.6	0.0
MEDIAN	0.0	0.0	0.0	0.0	27.0	117.5	204.5	158.5	25.0	0.0	0.0	0.0	551.0	27.0	482.0	26.5	0.0
STD	0.0	0.0	0.0	1.6	25.4	39.4	56.2	44.5	15.9	7.8	0.0	0.0	93.3	26.3	84.0	18.2	0.0
MAX	0	0	0	7	116	208	366	287	78	35	0	0	840	123	733	78	0
MIN	0	0	0	0	8	31	117	78	6	0	0	0	367	8	318	6	0

Interval/	1941	1970															
AVE	0.0	0.0	0.0	0.2	33.4	116.5	203.0	166.6	26.9	4.4	0.0	0.0	551.0	33.6	486.1	31.3	0.0
MEDIAN	0.0	0.0	0.0	0.0	24.5	117.5	203.5	164.0	24.0	0.0	0.0	0.0	551.0	24.5	501.5	26.0	0.0
STD	0.0	0.0	0.0	1.1	23.0	41.2	54.9	56.8	16.3	8.7	0.0	0.0	113.3	23.1	100.3	19.2	0.0
MAX	0	0	0	6	80	185	366	351	71	35	0	0	840	80	733	85	0
MIN	0	0	0	0	8	31	117	78	6	0	0	0	367	8	309	8	0

Interval/	1931	1960															
AVE	0.0	0.0	0.0	0.2	37.2	134.8	238.1	185.9	38.3	4.3	0.0	0.0	638.8	37.4	558.9	42.6	0.0
MEDIAN	0.0	0.0	0.0	0.0	27.0	124.5	242.0	181.5	32.5	0.0	0.0	0.0	638.0	27.0	560.0	39.5	0.0
STD	0.0	0.0	0.0	1.1	28.3	63.3	70.4	60.9	27.2	6.9	0.0	0.0	153.7	28.4	126.9	28.0	0.0
MAX	0	0	0	6	128	312	400	351	124	31	0	0	928	128	781	133	0
MIN	0	0	0	0	8	44	125	84	6	0	0	0	367	8	309	8	0

Interval/	1921	1950															
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Cooling Degree Day Units - base 65°F: Southwest 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	0.2	38.0	135.0	244.6	181.4	43.1	4.2	0.0	0.0	646.5	38.2	561.0	47.3	0.0
MEDIAN	0.0	0.0	0.0	0.0	29.0	121.0	242.0	175.5	34.5	0.0	0.0	0.0	658.0	29.0	583.0	42.5	0.0
STD	0.0	0.0	0.0	1.3	29.4	67.4	68.1	58.0	30.0	6.6	0.0	0.0	159.9	29.2	133.5	30.3	0.0
MAX	0	0	0	7	128	312	400	351	124	31	0	0	928	128	781	133	0
MIN	0	0	0	0	6	44	125	72	6	0	0	0	355	6	309	8	0

Interval/	1911	1940															
AVE	0.0	0.0	0.0	0.6	39.4	135.1	252.1	170.6	43.4	3.3	0.0	0.0	644.5	40.0	557.8	46.8	0.0
MEDIAN	0.0	0.0	0.0	0.0	32.0	126.0	252.0	169.0	33.5	0.0	0.0	0.0	657.0	32.0	578.5	39.5	0.0
STD	0.0	0.0	0.0	2.3	29.4	71.7	74.0	54.8	28.9	4.7	0.0	0.0	166.0	28.9	142.4	29.1	0.0
MAX	0	0	0	11	128	312	415	316	124	15	0	0	928	128	781	133	0
MIN	0	0	0	0	6	46	116	62	0	0	0	0	277	6	224	6	0

Interval/	1901	1930															
AVE	0.0	0.0	0.2	0.6	33.1	112.8	224.3	157.5	36.9	2.5	0.0	0.0	567.9	33.9	494.5	39.5	0.0
MEDIAN	0.0	0.0	0.0	0.0	28.5	103.0	205.0	157.0	31.5	0.0	0.0	0.0	554.0	28.5	476.0	31.5	0.0
STD	0.0	0.0	1.3	2.3	21.3	53.9	75.5	49.3	24.5	4.2	0.0	0.0	145.4	20.6	134.8	24.5	0.0
MAX	0	0	7	11	89	241	428	256	91	15	0	0	902	89	780	91	0
MIN	0	0	0	0	5	46	116	62	0	0	0	0	277	5	224	6	0

Data as of 4 Aug 2023