

Wisconsin State Climatology Office

Heating Degree Day Units - base 65°F: South central Wisconsin

Data Source: National Centers for Environmental Information

Jan 1895 -Jun 2023

SEASON	Jan 1895 -Jun 2023												FALL	WINTERS	SPRING	
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON	SON	DJF	MAM
1894-95	--	--	--	--	--	--	1686	1506	1100	510	240	29	--	--	--	1850
1895-96	20	21	67	710	1008	1252	1348	1176	1150	401	106	33	7292	1785	3776	1657
1896-97	9	21	250	632	1011	1187	1448	1142	1100	579	282	78	7739	1893	3777	1961
1897-98	0	63	53	366	981	1482	1348	1212	905	603	267	34	7314	1400	4042	1775
1898-99	7	37	107	577	1005	1497	1510	1506	1280	483	240	38	8287	1689	4513	2003
1899-00	10	17	212	369	771	1339	1290	1453	1212	510	193	64	7440	1352	4082	1915
1900-01	17	6	116	293	1029	1240	1420	1501	1079	540	255	30	7526	1438	4161	1874
1901-02	0	23	157	430	987	1414	1410	1366	862	576	211	115	7551	1574	4190	1649
1902-03	11	70	233	459	726	1392	1448	1266	815	531	211	115	7277	1418	4106	1557
1903-04	15	76	169	484	1005	1562	1717	1532	1063	720	267	76	8686	1658	4811	2050
1904-05	23	75	153	493	822	1417	1702	1512	942	594	306	73	8112	1468	4631	1842
1905-06	25	30	105	549	912	1231	1290	1277	1249	492	267	83	7510	1566	3798	2008
1906-07	22	18	72	508	918	1259	1479	1249	849	816	473	94	7757	1498	3987	2138
1907-08	15	66	189	586	939	1224	1348	1249	949	567	260	89	7481	1714	3821	1776
1908-09	14	43	62	474	876	1314	1404	1165	1073	735	316	73	7549	1412	3883	2124
1909-10	18	16	181	614	708	1559	1531	1403	670	483	394	57	7634	1503	4493	1547
1910-11	0	25	171	398	1089	1423	1445	1112	921	639	149	20	7392	1658	3980	1709
1911-12	7	43	129	561	1101	1150	2021	1442	1321	540	248	94	8657	1791	4613	2109
1912-13	15	64	133	474	861	1175	1429	1389	1128	543	295	40	7546	1468	3993	1966
1913-14	12	28	157	542	750	1070	1237	1509	1073	585	209	66	7238	1449	3816	1867
1914-15	6	27	144	357	861	1541	1593	1058	1107	336	415	138	7583	1362	4192	1858
1915-16	46	122	133	459	834	1318	1392	1383	1135	603	285	148	7858	1426	4093	2023
1916-17	0	14	201	527	933	1516	1618	1546	1045	672	417	129	8618	1661	4680	2134
1917-18	10	59	199	794	855	1562	1872	1291	856	696	183	72	8449	1848	4725	1735
1918-19	20	12	298	412	819	1066	1302	1165	973	567	338	21	6993	1529	3533	1878
1919-20	0	41	94	480	1002	1649	1724	1330	989	741	316	42	8408	1576	4703	2046
1920-21	26	52	79	302	948	1215	1243	1081	818	426	201	14	6405	1329	3539	1445
1921-22	0	30	79	480	1017	1277	1513	1246	961	591	149	40	7383	1576	4036	1701
1922-23	22	23	89	406	768	1364	1373	1422	1246	651	293	21	7678	1263	4159	2190
1923-24	6	52	153	561	834	1026	1708	1201	1128	609	450	119	7847	1548	3935	2187
1924-25	40	53	283	346	900	1572	1494	1137	939	429	372	45	7610	1529	4203	1740
1925-26	18	31	72	818	987	1497	1442	1128	1237	720	245	133	8328	1877	4067	2202
1926-27	14	28	176	564	1053	1445	1531	1053	862	606	357	112	7801	1793	4029	1825
1927-28	19	85	89	404	861	1429	1383	1131	995	714	218	129	7457	1354	3943	1927
1928-29	10	25	225	424	849	1200	1829	1492	899	513	352	104	7922	1498	4521	1764
1929-30	10	47	162	527	1032	1308	1683	1005	1008	534	245	56	7617	1721	3996	1787
1930-31	6	17	105	552	831	1293	1243	972	1035	525	349	20	6948	1488	3508	1909
1931-32	0	23	38	360	663	1032	1221	1072	1249	627	245	30	6560	1061	3325	2121
1932-33	6	24	171	549	1026	1342	1100	1288	1048	639	260	7	7460	1746	3730	1947
1933-34	7	46	65	552	972	1311	1212	1313	1110	606	129	12	7335	1589	3836	1845
1934-35	0	45	181	404	753	1429	1522	1179	914	657	420	125	7629	1338	4130	1991
1935-36	0	26	142	490	966	1404	1705	1688	942	732	152	86	8333	1598	4797	1826
1936-37	0	10	100	564	987	1206	1497	1285	1122	654	257	79	7761	1651	3988	2033
1937-38	5	7	125	577	993	1414	1482	1070	784	543	282	75	7357	1695	3966	1609
1938-39	10	15	155	357	846	1293	1243	1294	1011	681	173	36	7114	1358	3830	1865
1939-40	5	25	67	454	858	1076	1711	1198	1212	663	346	56	7671	1379	3985	2221
1940-41	7	42	150	406	987	1252	1352	1296	1181	421	177	52	7323	1543	3900	1779
1941-42	8	21	97	430	804	1094	1451	1266	899	418	295	61	6844	1331	3811	1612
1942-43	12	36	201	468	882	1482	1566	1240	1172	627	327	28	8041	1551	4288	2126
1943-44	6	19	247	499	1020	1271	1218	1173	1150	687	166	28	7484	1766	3662	2003
1944-45	15	19	114	484	777	1472	1590	1224	648	546	403	142	7434	1375	4286	1597
1945-46	26	34	169	555	915	1510	1361	1193	732	474	330	73	7372	1639	4064	1536
1946-47	10	55	150	366	855	1215	1330	1392	1128	633	420	112	7666	1371	3937	2181
1947-48	20	0	105	235	1083	1299	1624	1294	1066	438	338	75	7577	1423	4217	1842
1948-49	7	20	79	533	801	1280	1395	1266	1023	588	236	27	7255	1413	3941	1847
1949-50	0	22	272	380	876	1252	1376	1254	1187	786	282	73	7760	1528	3882	2255
1950-51	34	88	181	357	1053	1584	1606	1277	1147	657	205	114	8303	1591	4467	2009
1951-52	21	72	230	471	1155	1420	1426	1086	1135	498	287	33	7834	1856	3932	1920
1952-53	6	47	148	663	837	1215	1339	1137	983	693	270	32	7370	1648	3691	1946
1953-54	9	21	135	340	783	1206	1442	935	1079	480	403	28	6861	1258	3583	1962
1954-55	10	47	121	490	855	1283	1469	1260	1079	387	209	94	7304	1466	4012	1675
1955-56	0	7	119	445	1047	1451	1395	1224	1122	651	295	26	7782	1611	4070	2068
1956-57	25	30	194	323	900	1246	1658	1089	1011	546	327	62	7411	1417	3993	1884

Heating Degree Day Units - base 65°F: South central Wisconsin

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON	SON	DJF	MAM
1957-58	8	32	194	561	924	1172	1429	1403	1014	561	243	136	7677	1679	4004	1818
1958-59	25	23	135	389	840	1522	1699	1378	1128	582	163	42	7926	1364	4599	1873
1959-60	19	9	107	592	1149	1085	1358	1249	1401	501	322	97	7889	1848	3692	2224
1960-61	25	25	97	490	828	1380	1485	1022	952	711	349	58	7422	1415	3887	2012
1961-62	15	27	119	442	894	1417	1646	1319	1116	594	166	62	7817	1455	4382	1876
1962-63	40	29	233	401	882	1383	1832	1436	967	498	322	35	8058	1516	4651	1787
1963-64	7	48	150	220	750	1646	1271	1137	1063	543	157	46	7038	1120	4054	1763
1964-65	6	56	162	549	783	1417	1513	1308	1259	648	177	76	7954	1494	4238	2084
1965-66	18	51	184	462	846	1094	1686	1235	905	660	409	54	7604	1492	4015	1974
1966-67	6	57	191	512	852	1327	1352	1394	989	564	409	49	7702	1555	4073	1962
1967-68	31	98	194	521	984	1240	1432	1305	794	513	341	58	7511	1699	3977	1648
1968-69	19	27	150	439	888	1333	1569	1168	1141	528	260	167	7689	1477	4070	1929
1969-70	13	19	153	561	951	1330	1717	1274	1079	540	222	54	7913	1665	4321	1841
1970-71	8	23	135	433	912	1321	1674	1277	1135	585	333	21	7857	1480	4272	2053
1971-72	34	51	82	270	873	1187	1590	1338	1138	699	203	93	7558	1225	4115	2040
1972-73	21	30	148	580	936	1445	1302	1145	747	618	360	37	7369	1664	3892	1725
1973-74	7	18	140	332	867	1339	1442	1277	992	504	357	105	7380	1339	4058	1853
1974-75	7	55	247	477	843	1221	1367	1240	1209	753	181	49	7649	1567	3828	2143
1975-76	11	23	250	398	711	1246	1544	1044	887	495	338	39	6986	1359	3834	1720
1976-77	7	43	201	648	1110	1618	1903	1215	778	390	114	84	8111	1959	4736	1282
1977-78	0	75	142	530	897	1429	1690	1478	1141	609	250	60	8301	1569	4597	2000
1978-79	20	28	76	536	894	1410	1832	1512	1057	681	290	64	8400	1506	4754	2028
1979-80	15	51	127	536	906	1141	1451	1347	1138	567	227	76	7582	1569	3939	1932
1980-81	6	21	150	629	867	1324	1429	1126	899	471	322	49	7293	1646	3879	1692
1981-82	15	38	194	567	816	1324	1776	1302	1085	699	166	142	8124	1577	4402	1950
1982-83	10	56	189	445	888	1079	1305	1047	949	684	391	48	7091	1522	3431	2024
1983-84	0	9	153	456	807	1680	1559	966	1166	585	355	38	7774	1416	4205	2106
1984-85	19	16	179	415	876	1209	1646	1330	846	392	179	91	7198	1470	4185	1417
1985-86	12	62	125	493	1008	1665	1476	1274	902	435	229	62	7743	1626	4415	1566
1986-87	6	80	129	477	1005	1231	1321	974	852	456	187	20	6738	1611	3526	1495
1987-88	0	36	148	663	753	1153	1600	1324	936	552	177	23	7365	1564	4077	1665
1988-89	0	7	110	670	816	1277	1181	1417	1076	615	290	73	7532	1596	3875	1981
1989-90	7	38	201	459	975	1621	1135	1109	856	510	363	53	7327	1635	3865	1729
1990-91	15	29	103	542	741	1358	1575	1095	890	471	149	23	6991	1386	4028	1510
1991-92	10	25	176	502	1032	1234	1252	1000	949	663	255	91	7189	1710	3486	1867
1992-93	48	95	194	539	936	1274	1376	1243	1066	672	236	88	7767	1669	3893	1974
1993-94	13	20	286	558	924	1234	1761	1420	952	522	280	33	8003	1768	4415	1754
1994-95	20	72	103	418	774	1138	1438	1210	902	690	300	21	7086	1295	3786	1892
1995-96	6	0	212	462	1116	1392	1528	1252	1156	681	374	61	8240	1790	4172	2211
1996-97	33	32	144	477	1095	1327	1550	1140	967	654	420	43	7882	1716	4017	2041
1997-98	16	73	140	465	948	1147	1256	857	939	513	154	61	6569	1553	3260	1606
1998-99	10	17	72	424	738	1076	1525	941	961	486	203	40	6493	1234	3542	1650
1999-00	0	47	167	502	672	1215	1392	994	725	582	216	72	6584	1341	3601	1523
2000-01	18	25	129	366	900	1662	1364	1243	1045	432	209	69	7462	1395	4269	1686
2001-02	6	14	181	502	573	1057	1156	977	1085	552	363	35	6501	1256	3190	2000
2002-03	0	21	81	580	909	1181	1482	1288	998	591	308	82	7521	1570	3951	1897
2003-04	14	11	131	487	831	1128	1531	1154	822	522	275	83	6989	1449	3813	1619
2004-05	25	87	81	442	744	1249	1429	1014	1045	438	324	14	6892	1267	3692	1807
2005-06	8	19	52	418	816	1429	1038	1179	949	423	243	61	6635	1286	3646	1615
2006-07	0	21	194	604	759	1097	1265	1420	840	606	168	36	7010	1557	3782	1614
2007-08	12	16	94	296	879	1383	1448	1366	1100	534	338	47	7513	1269	4197	1972
2008-09	11	34	103	499	852	1500	1693	1145	952	588	245	58	7680	1454	4338	1785
2009-10	64	53	110	611	681	1324	1469	1170	818	390	199	40	6929	1402	3963	1407
2010-11	0	10	146	401	789	1442	1500	1215	1020	612	290	50	7475	1336	4157	1922
2011-12	0	22	184	421	774	1091	1265	991	502	543	157	26	5976	1379	3347	1202
2012-13	0	27	157	533	840	1100	1376	1263	1194	666	224	60	7440	1530	3739	2084
2013-14	13	29	103	487	936	1494	1717	1506	1228	621	248	33	8415	1526	4717	2097
2014-15	40	25	157	499	1080	1144	1445	1518	1017	516	218	72	7731	1736	4107	1751
2015-16	21	38	44	421	705	914	1414	1070	800	573	250	38	6288	1170	3398	1623
2016-17	8	13	59	357	633	1333	1290	918	955	450	316	39	6371	1049	3541	1721
2017-18	13	60	81	363	900	1327	1429	1229	986	849	134	39	7410	1344	3985	1969
2018-19	9	18	87	539	1026	1138	1504	1294	1079	570	341	72	7677	1652	3936	1990
2019-20	0	42	72	521	1032	1082	1224	1165	843	630	295	32	6938	1625	3471	1768
2020-21	0	20	167	608	669	1178	1324	1453	794	498	262	16	6989	1444	3955	1554
2021-22	10	12	84	291	852	1060	1596	1232	939	672	189	43	6980	1227	3888	1800
2022-23	9	26	114	484	783	1290	1162	1084	980	516	229	43	6720	1381	3536	1725

Heating Degree Day Units - base 65°F: South central Wisconsin

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON	SON	DJF	MAM
--------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--------	-----	-----	-----

Multi-year Statistics

POR	1895-96 2022-23															
AVE	12.7	35.7	144.2	480.1	889.4	1310.7	1470.8	1240.4	1009.3	575.0	270.3	62.0	7497.3	1513.7	4018.2	1854.7
MEDIAN	10.0	28.0	144.0	482.0	880.5	1303.5	1448.0	1246.0	1011.0	576.0	262.0	57.0	7517.0	1519.0	3990.5	1867.0
Std	11.2	22.7	55.1	102.5	116.0	162.0	180.7	159.3	149.0	98.3	80.7	34.1	516.5	176.1	347.9	208.7
MAX	64	122	298	818	1155	1680	2021	1688	1401	849	473	167	8686	1959	4811	2255
MIN	0	0	38	220	573	914	1038	857	502	336	106	7	5976	1049	3190	1202

Interval	1901	2000														
AVE	13.1	37.9	151.7	481.5	899.8	1328.3	1489.8	1241.3	1014.7	583.0	277.2	66.3	7580.4	1532.9	4055.2	1874.9
MEDIAN	10.0	30.0	150.0	478.5	888.0	1316.0	1460.0	1250.5	1012.5	585.0	275.0	61.0	7579.5	1536.0	4013.5	1877.0
STD	10.5	23.3	53.5	100.7	108.2	159.0	182.3	156.6	145.1	98.0	84.2	36.3	472.3	166.6	339.7	206.9
MAX	48	122	298	818	1155	1680	2021	1688	1401	816	473	167	8686	1959	4811	2255
MIN	0	0	38	220	663	1026	1100	857	648	336	114	7	6405	1061	3260	1282

Interval	1991	2020														
AVE	13.8	32.2	128.7	470.7	852.1	1237.1	1423.1	1175.9	959.5	568.0	257.7	50.6	7188.6	1451.6	3848.0	1785.2
MEDIAN	10.0	25.0	129.0	487.0	852.0	1215.0	1433.5	1174.5	958.0	571.5	249.0	45.0	7137.5	1444.0	3853.0	1776.5
STD	14.8	23.1	54.4	83.0	139.9	161.4	159.0	167.7	143.3	97.4	70.7	20.8	595.8	191.9	357.6	222.3
MAX	64	95	286	611	1116	1662	1761	1518	1228	849	420	91	8415	1790	4717	2211
MIN	0	0	44	291	573	914	1038	857	502	390	134	14	5976	1049	3190	1202

Interval	1981	2010														
AVE	13.3	35.4	144.2	491.3	855.1	1302.9	1431.9	1165.9	957.6	547.0	263.9	55.2	7270.7	1490.7	3896.7	1768.5
MEDIAN	10.5	27.0	142.0	482.0	841.5	1261.5	1443.0	1162.0	949.0	543.0	250.0	51.0	7245.5	1496.0	3886.0	1741.5
STD	14.0	25.4	49.7	82.4	124.5	178.5	179.3	154.3	105.4	93.9	77.1	27.2	487.2	160.6	332.7	211.4
MAX	64	95	286	670	1116	1680	1776	1420	1166	699	420	142	8240	1790	4415	2211
MIN	0	0	52	296	573	1057	1038	857	725	390	149	14	6493	1234	3190	1407

Interval	1971	2000														
AVE	12.9	39.1	157.2	494.5	890.8	1321.9	1495.9	1196.5	976.5	574.5	263.3	58.7	7472.7	1542.6	4002.8	1814.3
MEDIAN	10.5	34.0	148.0	485.0	891.0	1275.5	1500.5	1227.5	950.5	583.5	252.5	56.5	7456.0	1568.0	3978.0	1860.0
STD	10.8	23.4	50.7	92.1	113.1	174.3	188.2	166.2	129.5	98.7	82.3	28.5	515.7	168.7	368.9	234.3
MAX	48	95	286	670	1116	1680	1903	1512	1209	753	420	142	8400	1959	4754	2211
MIN	0	0	72	270	672	1076	1135	857	725	390	114	20	6493	1225	3260	1282

Interval	1961	1990														
AVE	12.5	40.0	158.8	488.8	877.7	1348.8	1524.2	1244.7	1001.8	570.0	270.8	62.9	7602.9	1525.3	4118.4	1842.6
MEDIAN	10.5	37.0	150.0	485.0	879.0	1328.5	1528.5	1275.5	990.5	565.5	275.0	56.0	7593.0	1538.5	4071.5	1902.5
STD	9.7	21.2	42.9	103.4	86.2	163.3	192.6	142.4	135.2	93.8	85.8	32.0	387.9	150.5	315.1	211.1
MAX	40	98	250	670	1110	1680	1903	1512	1259	753	409	167	8400	1959	4754	2143
MIN	0	7	76	220	711	1079	1135	966	747	390	114	20	6738	1120	3431	1282

Interval	1951	1980														
AVE	14.6	38.1	157.1	474.7	898.8	1328.3	1537.3	1250.3	1052.9	575.2	273.0	65.0	7675.3	1530.6	4124.5	1901.0
MEDIAN	12.0	30.0	149.0	483.5	885.0	1328.5	1499.0	1267.0	1079.0	565.5	278.5	58.0	7683.0	1511.0	4056.0	1930.5
STD	9.8	20.4	45.3	106.7	102.7	135.9	164.8	134.0	138.6	88.7	80.7	33.6	370.9	181.7	309.4	177.2
MAX	40	98	250	663	1155	1646	1903	1512	1401	753	409	167	8400	1959	4754	2224
MIN	0	7	76	220	711	1085	1271	935	747	387	114	21	6861	1120	3583	1282

Interval	1941	1970														
AVE	15.0	35.4	158.9	453.7	904.2	1331.6	1486.2	1241.1	1051.7	565.8	283.7	66.5	7594.0	1516.8	4056.6	1901.1
MEDIAN	12.5	28.0	150.0	465.0	882.0	1324.0	1446.5	1257.0	1079.0	553.5	291.0	58.0	7635.0	1493.0	4013.5	1902.0
STD	9.9	22.4	47.3	98.2	106.1	140.1	146.7	112.1	150.3	94.5	81.5	36.5	338.5	162.4	258.7	178.9
MAX	40	98	272	663	1155	1646	1832	1436	1401	786	420	167	8303	1856	4651	2255
MIN	0	0	79	220	750	1085	1218	935	648	387	157	26	6844	1120	3583	1536

Interval	1931	1960														
AVE	10.9	29.7	143.0	459.5	914.5	1306.6	1434.0	1233.2	1057.1	583.4	277.0	62.0	7509.4	1516.9	3970.9	1917.5
MEDIAN	8.0	24.5	138.5	469.5	891.0	1288.0	1427.5	1251.5	1079.0	597.0	282.0	58.5	7472.0	1535.5	3953.5	1914.5
STD	9.2	19.0	53.7	95.1	117.1	140.2	159.5	139.3	151.6	98.4	80.6	37.4	400.0	179.7	305.7	188.8
MAX	34	88	272	663	1155	1584	1711	1688	1401	786	420	142	8333	1856	4797	2255
MIN	0	0	38	235	663	1032	1100	935	648	387	129	7	6560	1061	3325	1536

Interval	1921	1950														
AVE	10.8	32.3	141.4	470.1	908.3	1321.0	1446.6	1228.4	1023.5	591.3	282.3	65.7	7499.1	1519.8	3983.7	1897.1

Heating Degree Day Units - base 65°F: South central Wisconsin

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON	SON	DJF	MAM
MEDIAN	7.5	25.5	146.0	474.0	891.0	1303.5	1446.5	1232.0	1029.0	607.5	282.0	58.5	7530.5	1536.0	3975.5	1856.0
STD	9.8	19.8	61.4	106.8	105.0	146.4	177.6	144.9	155.6	99.8	87.2	40.2	427.3	175.3	284.8	218.8
MAX	40	88	283	818	1083	1584	1829	1688	1249	786	450	142	8333	1877	4797	2255
MIN	0	0	38	235	663	1026	1100	972	648	418	129	7	6405	1061	3325	1445

Interval	1911	1940														
AVE	10.9	37.2	139.8	490.1	904.9	1314.4	1492.3	1249.3	1035.6	601.4	278.3	69.0	7631.9	1534.8	4061.7	1915.3
MEDIAN	7.0	29.0	137.5	480.0	880.5	1309.5	1488.0	1223.5	1023.0	607.5	271.0	61.0	7613.5	1536.0	3994.5	1893.5
STD	11.1	23.6	60.3	114.8	102.7	169.1	218.7	174.1	134.4	93.2	88.4	43.8	541.8	184.1	369.1	186.3
MAX	46	122	298	818	1101	1649	2021	1688	1321	741	450	148	8657	1877	4797	2221
MIN	0	7	38	302	663	1026	1100	972	784	336	129	7	6405	1061	3325	1445

Interval	1901	1930														
AVE	14.3	43.2	149.7	499.5	902.6	1348.9	1513.5	1270.4	1004.9	591.8	293.0	77.9	7709.8	1551.8	4132.8	1889.8
MEDIAN	14.0	36.0	153.0	482.0	888.0	1341.0	1463.5	1257.5	992.0	588.0	289.0	74.5	7613.5	1529.0	4051.5	1872.5
STD	10.9	25.0	59.7	110.1	102.5	164.9	194.4	165.1	146.9	104.9	84.7	39.7	517.7	152.7	359.0	203.0
MAX	46	122	298	818	1101	1649	2021	1546	1321	816	473	148	8686	1877	4811	2202
MIN	0	12	62	302	708	1026	1237	972	670	336	149	14	6405	1263	3508	1445

Data as of 7 Jul 2023