

Wisconsin State Climatology Office

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

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

SEASON	Jan 1895 -Jun 2023												FALL	WINTER	SPRING	
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON	SON	DJF	MAM
1894-95	--	--	--	--	--	--	1823	1579	1156	468	258	55	--	--	--	1882
1895-96	30	31	94	735	1053	1392	1534	1277	1256	510	151	56	8119	1882	4203	1917
1896-97	21	28	302	682	1230	1321	1677	1280	1240	612	333	102	8828	2214	4278	2185
1897-98	8	77	72	428	1107	1634	1438	1288	973	636	283	49	7993	1607	4360	1892
1898-99	14	43	130	639	1068	1668	1696	1688	1469	549	273	62	9299	1837	5052	2291
1899-00	17	19	243	425	777	1472	1423	1618	1283	464	202	60	8003	1445	4513	1949
1900-01	24	0	161	303	1122	1364	1556	1529	1147	516	242	43	8007	1586	4449	1905
1901-02	0	23	201	480	1053	1559	1534	1450	921	642	224	133	8220	1734	4543	1787
1902-03	21	76	274	539	852	1541	1621	1456	949	597	249	141	8316	1665	4618	1795
1903-04	35	107	257	549	1119	1717	1863	1694	1169	762	309	108	9689	1925	5274	2240
1904-05	64	92	217	549	879	1491	1891	1590	986	657	372	97	8885	1645	4972	2015
1905-06	38	34	148	639	966	1348	1463	1422	1355	507	325	90	8335	1753	4233	2187
1906-07	38	22	108	586	1008	1404	1742	1366	1023	846	524	107	8774	1702	4512	2393
1907-08	34	69	238	632	993	1339	1476	1274	1079	588	288	100	8110	1863	4089	1955
1908-09	21	57	76	530	924	1426	1559	1322	1190	804	344	78	8331	1530	4307	2338
1909-10	25	12	206	632	831	1640	1637	1504	695	452	395	51	8080	1669	4781	1542
1910-11	12	40	201	434	1149	1522	1665	1187	964	642	170	20	8006	1784	4374	1776
1911-12	24	69	201	636	1251	1280	2198	1501	1358	534	261	118	9431	2088	4979	2153
1912-13	24	79	182	512	918	1311	1603	1512	1237	540	336	39	8293	1612	4426	2113
1913-14	26	26	184	608	804	1156	1364	1602	1132	639	249	90	7880	1596	4122	2020
1914-15	12	54	194	393	954	1671	1690	1159	1200	365	427	158	8277	1541	4520	1992
1915-16	67	119	199	502	948	1410	1631	1484	1203	654	331	160	8708	1649	4525	2188
1916-17	0	23	230	555	1020	1680	1835	1691	1200	711	412	146	9503	1805	5206	2323
1917-18	17	84	246	871	885	1748	1965	1400	911	711	217	85	9140	2002	5113	1839
1918-19	36	27	375	493	858	1178	1389	1310	1085	618	320	33	7722	1726	3877	2023
1919-20	11	57	137	632	1134	1773	1857	1417	1085	819	323	60	9305	1903	5047	2227
1920-21	45	59	115	358	1023	1327	1373	1198	967	467	233	24	7189	1496	3898	1667
1921-22	0	36	126	499	1155	1410	1708	1473	1076	639	170	57	8349	1780	4591	1885
1922-23	48	25	115	451	795	1500	1522	1616	1364	696	283	31	8446	1361	4638	2343
1923-24	8	67	170	611	867	1135	1934	1310	1172	669	502	128	8573	1648	4379	2343
1924-25	49	75	310	353	996	1761	1646	1274	1001	444	412	75	8396	1659	4681	1857
1925-26	34	31	108	856	1026	1603	1621	1252	1321	726	226	158	8962	1990	4476	2273
1926-27	23	44	249	629	1176	1637	1717	1204	927	624	369	123	8722	2054	4558	1920
1927-28	49	116	135	496	1023	1776	1544	1268	1082	798	251	166	8704	1654	4588	2131
1928-29	25	40	271	487	912	1308	2018	1627	1035	573	406	111	8813	1670	4953	2014
1929-30	19	49	209	561	1119	1488	1885	1140	1076	558	266	71	8441	1889	4513	1900
1930-31	12	22	177	586	888	1389	1336	1005	1091	546	358	23	7433	1651	3730	1995
1931-32	8	41	71	413	801	1162	1476	1344	1383	645	273	36	7653	1285	3982	2301
1932-33	13	29	246	636	1104	1553	1333	1498	1135	669	263	8	8487	1986	4384	2067
1933-34	7	49	92	639	1080	1507	1395	1372	1181	657	109	23	8111	1811	4274	1947
1934-35	9	54	246	446	861	1624	1758	1235	1035	678	418	139	8503	1553	4617	2131
1935-36	0	30	184	561	1104	1513	1876	1856	1116	822	179	103	9344	1849	5245	2117
1936-37	0	11	107	636	1083	1373	1863	1506	1252	672	254	95	8852	1826	4742	2178
1937-38	9	6	156	645	1080	1559	1649	1235	896	594	323	89	8241	1881	4443	1813
1938-39	21	19	184	387	1014	1451	1420	1506	1147	705	175	61	8090	1585	4377	2027
1939-40	13	38	122	558	939	1212	1854	1294	1324	702	361	76	8493	1619	4360	2387
1940-41	12	57	139	448	1116	1392	1522	1425	1240	429	177	59	8016	1703	4339	1846
1941-42	14	23	133	496	891	1228	1494	1338	970	435	342	83	7447	1520	4060	1747
1942-43	31	42	260	536	1002	1609	1795	1355	1330	666	353	41	9020	1798	4759	2349
1943-44	13	26	285	574	1119	1361	1277	1260	1234	726	192	45	8112	1978	3898	2152
1944-45	36	23	163	518	831	1488	1702	1355	825	633	435	175	8184	1512	4545	1893
1945-46	43	42	217	577	1026	1631	1538	1361	763	498	364	89	8149	1820	4530	1625
1946-47	20	69	217	443	966	1398	1435	1445	1172	720	438	128	8451	1626	4278	2330
1947-48	26	0	139	271	1161	1507	1804	1422	1190	477	317	86	8400	1571	4733	1984
1948-49	10	21	90	533	906	1457	1578	1428	1122	612	219	31	8007	1529	4463	1953
1949-50	7	18	282	440	924	1426	1733	1422	1318	858	333	85	8846	1646	4581	2509
1950-51	53	99	204	404	1137	1702	1776	1375	1339	735	209	131	9164	1745	4853	2283
1951-52	34	84	299	552	1260	1538	1624	1212	1252	552	315	55	8777	2111	4374	2119
1952-53	15	63	187	728	942	1348	1507	1361	1104	765	296	48	8364	1857	4216	2165
1953-54	29	27	189	367	858	1361	1686	1005	1178	570	459	43	7772	1414	4052	2207
1954-55	18	54	204	598	897	1380	1631	1431	1237	421	211	87	8169	1699	4442	1869
1955-56	0	10	165	502	1173	1649	1624	1434	1290	741	312	34	8934	1840	4707	2343
1956-57	53	41	271	355	1014	1364	1789	1268	1107	597	331	76	8266	1640	4421	2035

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SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON	SON	DJF	MAM
1957-58	9	49	254	608	1020	1333	1448	1456	1073	582	273	158	8263	1882	4237	1928
1958-59	47	36	165	451	942	1643	1807	1464	1135	606	211	57	8564	1558	4914	1952
1959-60	27	12	163	682	1254	1178	1494	1305	1401	576	304	128	8524	2099	3977	2281
1960-61	30	24	150	533	918	1485	1603	1148	1017	774	358	72	8112	1601	4236	2149
1961-62	28	25	201	480	993	1538	1745	1442	1181	669	190	92	8584	1674	4725	2040
1962-63	59	49	276	460	930	1451	1931	1490	1014	546	342	49	8597	1666	4872	1902
1963-64	17	63	163	266	825	1727	1414	1182	1175	576	192	68	7668	1254	4323	1943
1964-65	8	57	222	586	906	1596	1742	1492	1389	714	211	97	9020	1714	4830	2314
1965-66	40	67	333	505	978	1209	1928	1383	967	717	418	71	8616	1816	4520	2102
1966-67	10	67	217	558	1014	1460	1550	1560	1107	612	447	81	8683	1789	4570	2166
1967-68	48	90	230	589	1062	1370	1593	1408	849	531	378	87	8235	1881	4371	1758
1968-69	34	37	204	474	972	1488	1739	1313	1302	543	261	205	8572	1650	4540	2106
1969-70	27	21	179	626	1008	1417	1863	1383	1228	594	258	52	8656	1813	4663	2080
1970-71	15	38	201	502	1008	1479	1860	1386	1221	606	386	31	8733	1711	4725	2213
1971-72	61	67	150	361	954	1414	1804	1495	1243	744	211	108	8612	1465	4713	2198
1972-73	48	40	230	660	1005	1628	1510	1246	806	666	395	59	8293	1895	4384	1867
1973-74	17	23	201	364	951	1513	1596	1375	1104	576	378	131	8229	1516	4484	2058
1974-75	9	67	322	521	927	1293	1572	1372	1324	807	226	81	8521	1770	4237	2357
1975-76	13	34	307	460	852	1420	1724	1123	1051	513	347	52	7896	1619	4267	1911
1976-77	14	36	222	707	1203	1755	2046	1282	874	409	117	83	8748	2132	5083	1400
1977-78	10	90	182	583	1020	1572	1860	1576	1175	645	251	89	9053	1785	5008	2071
1978-79	35	34	98	555	1038	1596	1990	1585	1135	708	375	95	9244	1691	5171	2218
1979-80	28	62	159	611	1005	1265	1603	1431	1231	558	230	81	8264	1775	4299	2019
1980-81	12	34	209	676	924	1454	1507	1210	946	519	339	82	7912	1809	4171	1804
1981-82	24	41	235	620	876	1488	1941	1400	1153	729	198	171	8876	1731	4829	2080
1982-83	14	48	217	515	1020	1243	1432	1120	1001	735	415	75	7835	1752	3795	2151
1983-84	6	9	165	542	924	1857	1649	1047	1243	570	367	55	8434	1631	4553	2180
1984-85	33	17	251	451	984	1426	1699	1403	911	446	190	130	7941	1686	4528	1547
1985-86	26	76	196	552	1179	1817	1541	1386	970	469	237	67	8516	1927	4744	1676
1986-87	14	87	196	536	1113	1330	1404	1022	877	435	194	36	7244	1845	3756	1506
1987-88	8	49	168	707	846	1262	1724	1462	1014	594	179	27	8040	1721	4448	1787
1988-89	7	10	161	713	945	1426	1367	1546	1206	654	309	100	8444	1819	4339	2169
1989-90	11	38	212	505	1104	1733	1252	1224	933	558	367	65	8002	1821	4209	1858
1990-91	27	37	132	577	828	1519	1680	1187	983	507	196	26	7699	1537	4386	1686
1991-92	26	31	238	589	1206	1383	1370	1061	1048	690	251	118	8011	2033	3814	1989
1992-93	92	99	230	586	1023	1370	1593	1361	1132	699	301	128	8614	1839	4324	2132
1993-94	34	31	357	601	1041	1352	1900	1484	992	612	268	49	8721	1999	4736	1872
1994-95	47	79	126	454	843	1252	1504	1302	980	744	331	32	7694	1423	4058	2055
1995-96	15	7	233	536	1191	1494	1736	1358	1268	726	381	78	9023	1960	4588	2375
1996-97	48	40	179	536	1191	1528	1680	1235	1085	663	427	53	8665	1906	4443	2175
1997-98	31	76	159	505	1083	1206	1404	941	1029	471	157	103	7165	1747	3551	1657
1998-99	17	25	87	474	837	1228	1662	1053	995	507	221	72	7178	1398	3943	1723
1999-00	7	48	201	561	753	1296	1562	1075	790	600	242	102	7237	1515	3933	1632
2000-01	27	29	191	428	1002	1795	1429	1442	1156	510	254	81	8344	1621	4666	1920
2001-02	14	17	222	570	609	1162	1265	1050	1231	618	395	49	7202	1401	3477	2244
2002-03	6	37	122	694	993	1256	1581	1420	1070	594	317	92	8182	1809	4257	1981
2003-04	24	13	168	527	972	1262	1665	1240	939	549	339	118	7816	1667	4167	1827
2004-05	35	109	94	502	849	1370	1556	1112	1125	469	361	25	7607	1445	4038	1955
2005-06	11	34	98	460	897	1466	1141	1282	1014	438	254	62	7157	1455	3889	1706
2006-07	5	28	251	657	870	1153	1395	1495	899	615	188	44	7600	1778	4043	1702
2007-08	16	29	132	372	960	1516	1621	1462	1197	651	367	82	8405	1464	4599	2215
2008-09	20	47	139	536	945	1637	1854	1246	1051	603	283	95	8456	1620	4737	1937
2009-10	83	67	124	701	735	1460	1618	1308	822	404	247	71	7640	1560	4386	1473
2010-11	11	11	225	460	915	1553	1677	1322	1135	651	312	74	8346	1600	4552	2098
2011-12	5	27	212	443	831	1231	1361	1067	549	534	181	42	6483	1486	3659	1264
2012-13	0	36	191	608	885	1277	1504	1322	1271	801	301	83	8279	1684	4103	2373
2013-14	18	26	112	555	1032	1646	1820	1641	1296	714	286	45	9191	1699	5107	2296
2014-15	45	26	179	564	1188	1268	1519	1582	1020	537	251	72	8251	1931	4369	1808
2015-16	24	49	65	477	738	1048	1541	1182	809	576	258	51	6818	1280	3771	1643
2016-17	15	19	103	431	675	1401	1432	1011	1042	510	320	61	7020	1209	3844	1872
2017-18	18	72	97	465	999	1463	1575	1389	1054	915	131	34	8212	1561	4427	2100
2018-19	16	25	119	642	1134	1256	1603	1478	1209	639	378	86	8585	1895	4337	2226
2019-20	11	49	102	614	1092	1321	1389	1288	905	678	301	44	7794	1808	3998	1884
2020-21	9	25	214	728	798	1271	1376	1532	806	576	286	17	7638	1740	4179	1668
2021-22	15	23	124	350	909	1271	1758	1425	1063	753	244	53	7988	1383	4454	2060
2022-23	16	31	135	527	903	1479	1348	1246	1113	603	228	37	7666	1565	4073	1944

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

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

POR	1895-96 2022-23															
AVE	23.5	43.8	186.8	537.7	982.8	1447.1	1625.0	1356.8	1099.6	614.7	292.7	78.7	8287.1	1707.3	4425.6	2007.1
MEDIAN	18.5	37.5	188.0	536.0	988.5	1438.5	1621.0	1372.0	1107.0	612.0	286.0	75.0	8304.5	1700.5	4434.5	2019.0
Std	17.0	25.7	63.8	107.6	127.8	170.3	191.0	168.3	162.1	109.2	83.7	38.7	578.9	192.3	368.0	235.2
MAX	92	119	375	871	1260	1857	2198	1856	1469	915	524	205	9689	2214	5274	2509
MIN	0	0	65	266	609	1048	1141	941	549	365	109	8	6483	1209	3477	1264

Interval	1901	2000														
AVE	24.7	46.1	196.8	537.3	995.1	1466.1	1650.1	1357.5	1107.0	621.2	297.8	83.5	8378.3	1729.2	4469.4	2026.0
MEDIAN	22.0	40.0	200.0	537.5	999.0	1455.5	1634.0	1373.5	1111.5	621.0	302.5	81.0	8398.0	1723.5	4469.5	2037.5
STD	17.2	26.0	61.4	104.9	116.9	168.6	189.8	165.7	153.6	108.4	87.9	40.9	523.3	179.4	354.7	227.4
MAX	92	119	375	871	1260	1857	2198	1856	1401	858	524	205	9689	2132	5274	2509
MIN	0	0	71	266	753	1135	1252	941	695	365	109	8	7165	1254	3551	1400

Interval	1991	2020														
AVE	24.0	39.8	164.3	536.3	941.8	1361.0	1554.6	1279.9	1036.5	607.5	283.3	69.1	7913.2	1642.5	4206.7	1927.3
MEDIAN	17.0	31.0	159.0	536.0	945.0	1321.0	1568.5	1295.0	1045.0	607.5	284.5	71.5	7913.5	1621.0	4212.0	1928.5
STD	20.6	24.7	63.4	92.3	155.1	161.3	166.9	176.6	159.9	110.5	71.2	27.7	668.7	216.3	380.6	265.4
MAX	92	109	357	728	1206	1795	1900	1641	1296	915	427	128	9191	2033	5107	2375
MIN	0	7	65	350	609	1048	1141	941	549	404	131	25	6483	1209	3477	1264

Interval	1981	2010														
AVE	24.6	42.3	183.6	548.9	957.8	1428.0	1557.7	1264.5	1035.3	579.3	285.8	76.3	7988.7	1690.3	4246.9	1900.5
MEDIAN	18.5	37.0	185.0	536.0	952.5	1404.5	1571.5	1264.0	1014.0	594.0	275.5	73.5	7971.5	1703.5	4290.5	1896.0
STD	20.4	27.0	57.7	84.5	141.8	190.3	186.0	165.7	122.3	98.4	76.8	34.5	544.7	182.5	362.8	237.3
MAX	92	109	357	713	1206	1857	1941	1546	1268	744	427	171	9023	2033	4829	2375
MIN	5	7	87	372	609	1153	1141	941	790	404	157	25	7157	1398	3477	1473

Interval	1971	2000														
AVE	25.4	45.5	200.5	549.5	995.6	1463.8	1639.1	1291.6	1057.3	605.3	282.9	79.3	8228.1	1745.6	4384.0	1945.5
MEDIAN	20.5	39.0	198.5	547.0	1003.5	1426.0	1626.0	1330.0	1038.5	603.0	259.5	79.5	8278.5	1761.0	4385.0	2004.0
STD	18.7	24.5	58.9	90.3	122.5	184.4	194.2	175.2	139.6	105.7	85.6	34.7	566.0	179.3	394.6	254.9
MAX	92	99	357	713	1206	1857	2046	1585	1324	807	427	171	9244	2132	5171	2375
MIN	6	7	87	361	753	1206	1252	941	790	409	117	26	7165	1398	3551	1400

Interval	1961	1990														
AVE	23.4	47.1	208.0	542.1	979.8	1491.5	1673.0	1349.7	1088.2	607.2	292.2	83.1	8386.0	1729.8	4513.1	1987.7
MEDIAN	17.0	40.5	202.5	547.0	981.0	1469.5	1674.0	1384.5	1105.5	594.0	285.0	81.0	8480.0	1741.5	4524.0	2064.5
STD	15.3	22.3	51.8	102.9	91.7	166.2	197.9	154.6	152.6	102.5	89.5	37.5	435.8	156.1	327.1	234.3
MAX	61	90	333	713	1203	1857	2046	1585	1389	807	447	205	9244	2132	5171	2357
MIN	6	9	98	266	825	1209	1252	1022	806	409	117	27	7244	1254	3756	1400

Interval	1951	1980														
AVE	26.5	46.7	211.8	530.7	995.1	1464.1	1702.0	1366.1	1150.3	621.8	296.4	83.4	8504.4	1737.5	4540.5	2068.5
MEDIAN	27.0	40.5	202.5	542.5	985.5	1457.0	1705.0	1383.0	1175.0	601.5	300.0	81.0	8568.0	1742.0	4502.0	2091.0
STD	16.3	21.5	54.7	112.0	105.9	141.2	161.9	135.3	147.8	98.1	85.1	37.3	377.7	191.4	300.6	195.7
MAX	61	90	333	728	1260	1755	2046	1585	1401	807	459	205	9244	2132	5171	2357
MIN	0	10	98	266	825	1178	1414	1005	806	409	117	31	7668	1254	3977	1400

Interval	1941	1970														
AVE	26.7	42.6	208.8	507.1	997.9	1460.7	1645.7	1364.1	1150.3	615.8	304.9	83.8	8405.7	1713.8	4467.6	2071.0
MEDIAN	27.0	39.5	204.0	511.5	985.5	1458.5	1627.5	1383.0	1176.5	601.5	313.5	78.5	8425.5	1705.0	4491.5	2091.0
STD	15.4	24.3	54.4	104.0	111.4	136.8	157.5	113.6	159.5	108.3	84.3	41.4	402.1	183.6	268.9	203.3
MAX	59	99	333	728	1260	1727	1931	1560	1401	858	459	205	9164	2111	4914	2509
MIN	0	0	90	266	825	1178	1277	1005	763	421	177	31	7447	1254	3898	1625

Interval	1931	1960														
AVE	20.2	36.6	186.1	517.9	1014.1	1447.7	1607.5	1365.8	1161.3	629.6	293.5	76.4	8354.5	1718.1	4417.8	2084.4
MEDIAN	14.5	33.0	184.0	533.0	1014.0	1454.0	1624.0	1366.5	1175.0	639.0	308.0	76.0	8315.0	1701.0	4402.5	2092.0
STD	14.9	22.6	61.1	105.6	120.3	141.4	172.2	152.0	151.5	108.7	86.3	41.5	457.7	192.8	323.5	206.1
MAX	53	99	299	728	1260	1702	1876	1856	1401	858	459	175	9344	2111	5245	2509
MIN	0	0	71	271	801	1162	1277	1005	763	421	109	8	7433	1285	3730	1625

Interval	1921	1950														
AVE	20.4	40.1	180.2	523.0	1003.4	1472.0	1626.9	1367.5	1124.8	631.3	300.0	80.6	8347.8	1706.6	4453.8	2056.1

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

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON	SON	DJF	MAM
MEDIAN	13.5	37.0	173.5	525.5	1018.5	1488.0	1633.5	1355.0	1128.5	651.0	300.0	79.5	8420.5	1664.5	4494.5	2020.5
STD	15.5	25.3	65.3	110.8	113.0	160.3	196.9	161.3	156.6	110.4	95.4	44.8	480.0	180.6	313.3	223.2
MAX	53	116	310	856	1176	1776	2018	1856	1383	858	502	175	9344	2054	5245	2509
MIN	0	0	71	271	795	1135	1277	1005	763	429	109	8	7189	1285	3730	1625

Interval	1911	1940														
AVE	20.7	47.9	182.7	548.6	997.8	1462.9	1670.8	1382.5	1131.9	637.2	295.9	83.5	8468.9	1729.1	4520.6	2065.0
MEDIAN	15.0	42.5	183.0	556.5	1017.0	1469.5	1657.0	1358.0	1124.0	649.5	278.0	80.5	8466.5	1686.5	4516.5	2047.0
STD	16.9	27.0	67.4	122.6	120.2	192.7	223.6	185.9	133.9	101.9	91.6	48.0	563.2	192.5	373.7	183.6
MAX	67	119	375	871	1251	1776	2198	1856	1383	822	502	166	9503	2088	5245	2387
MIN	0	6	71	353	795	1135	1333	1005	896	365	109	8	7189	1285	3730	1667

Interval	1901	1930														
AVE	27.2	54.5	195.3	555.3	984.2	1484.3	1676.2	1390.3	1095.1	627.6	318.4	92.7	8501.1	1734.8	4550.8	2041.1
MEDIAN	24.5	51.5	200.0	549.0	979.5	1489.5	1641.5	1408.5	1083.5	639.0	321.5	93.5	8418.5	1686.0	4534.0	2017.5
STD	17.3	29.0	65.4	114.4	118.2	185.7	207.6	172.9	149.9	115.8	87.3	44.4	569.7	167.8	379.5	216.2
MAX	67	119	375	871	1251	1776	2198	1694	1364	846	524	166	9689	2088	5274	2393
MIN	0	12	76	353	795	1135	1336	1005	695	365	170	20	7189	1361	3730	1542

Data as of 7 Jul 2023