

Wisconsin State Climatology Office

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

Data Source: National Centers for Environmental Information Jan 1895 - Jun 2020

SEASON	Jan 1895 - Jun 2020												FALL	WINTER	SPRING	
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON	SON	DJF	MAM
1894-95	--	--	--	--	--	--	1841	1624	1324	624	346	97	--	--	--	2294
1895-96	90	77	184	852	1146	1482	1643	1406	1401	654	228	95	9258	2182	4531	2283
1896-97	56	78	384	787	1311	1435	1705	1369	1348	756	468	189	9886	2482	4509	2572
1897-98	23	150	143	552	1206	1686	1525	1380	1122	780	385	100	9052	1901	4591	2287
1898-99	30	101	192	713	1134	1714	1832	1764	1596	669	385	118	10248	2039	5310	2650
1899-00	48	58	384	539	879	1547	1519	1700	1423	615	332	118	9162	1802	4766	2370
1900-01	73	18	236	381	1191	1469	1677	1596	1318	642	357	97	9055	1808	4742	2317
1901-02	17	77	301	583	1164	1628	1628	1464	1020	750	337	209	9178	2048	4720	2107
1902-03	38	122	345	670	960	1575	1708	1504	1045	726	351	201	9245	1975	4787	2122
1903-04	76	187	324	601	1182	1789	1913	1781	1305	897	407	142	10604	2107	5483	2609
1904-05	100	150	309	673	951	1575	1900	1624	1144	768	445	150	9789	1933	5099	2357
1905-06	78	81	215	707	1077	1423	1510	1501	1522	636	439	135	9324	1999	4434	2597
1906-07	72	64	143	673	1062	1491	1810	1439	1150	1002	639	128	9673	1878	4740	2791
1907-08	78	127	324	713	1095	1442	1587	1378	1234	699	387	141	9205	2132	4407	2320
1908-09	49	111	125	567	1014	1538	1640	1386	1286	960	468	109	9253	1706	4564	2714
1909-10	69	49	301	716	921	1631	1674	1574	831	582	527	97	8972	1938	4879	1940
1910-11	45	99	321	555	1233	1606	1724	1324	1122	756	270	53	9108	2109	4654	2148
1911-12	69	139	324	732	1311	1352	2269	1593	1448	693	379	180	10489	2367	5214	2520
1912-13	60	185	267	604	1014	1426	1693	1630	1407	666	454	93	9499	1885	4749	2527
1913-14	80	77	278	694	918	1237	1476	1716	1302	813	329	167	9087	1890	4429	2444
1914-15	27	122	270	464	1077	1717	1752	1215	1290	471	527	249	9181	1811	4684	2288
1915-16	127	208	281	626	1044	1497	1736	1588	1410	780	448	247	9992	1951	4821	2638
1916-17	8	70	342	676	1131	1730	1885	1784	1305	858	558	244	10591	2149	5399	2721
1917-18	52	173	336	964	981	1817	2034	1534	1054	810	329	161	10245	2281	5385	2193
1918-19	81	88	483	626	957	1302	1469	1403	1194	738	419	59	8819	2066	4174	2351
1919-20	39	126	242	738	1209	1866	1953	1515	1209	930	399	113	10339	2189	5334	2538
1920-21	100	118	202	422	1125	1429	1497	1299	1147	582	313	53	8287	1749	4225	2042
1921-22	9	93	189	589	1245	1544	1795	1560	1212	762	230	121	9349	2023	4899	2204
1922-23	93	84	212	583	924	1624	1643	1697	1522	861	396	70	9709	1719	4964	2779
1923-24	32	161	264	698	960	1234	1993	1366	1286	825	626	221	9666	1922	4593	2737
1924-25	110	148	408	461	1092	1857	1708	1380	1166	576	512	123	9541	1961	4945	2254
1925-26	76	73	212	952	1134	1634	1693	1378	1451	870	346	239	10058	2298	4705	2667
1926-27	66	109	378	735	1257	1674	1820	1324	1066	747	498	201	9875	2370	4818	2311
1927-28	103	202	220	583	1149	1807	1680	1439	1286	948	359	252	10028	1952	4926	2593
1928-29	55	96	399	626	1008	1398	2099	1688	1175	696	504	180	9924	2033	5185	2375
1929-30	48	116	312	660	1194	1572	1910	1280	1228	690	362	114	9486	2166	4762	2280
1930-31	47	68	270	688	951	1482	1432	1142	1194	657	433	73	8437	1909	4056	2284
1931-32	23	115	136	499	864	1249	1457	1406	1472	786	393	87	8487	1499	4112	2651
1932-33	48	70	321	735	1200	1618	1454	1607	1283	795	343	30	9504	2256	4679	2421
1933-34	21	101	165	750	1188	1671	1460	1568	1367	798	215	77	9381	2103	4699	2380
1934-35	37	144	336	580	972	1652	1814	1355	1178	792	512	239	9611	1888	4821	2482
1935-36	12	84	324	670	1194	1547	1860	1879	1228	939	275	182	10194	2188	5286	2442
1936-37	11	65	184	766	1194	1457	1844	1490	1370	828	348	146	9703	2144	4791	2546
1937-38	24	23	267	763	1149	1631	1733	1330	1045	702	402	156	9225	2179	4694	2149
1938-39	56	53	295	518	1065	1531	1531	1590	1293	843	282	121	9178	1878	4652	2418
1939-40	36	84	234	663	1032	1277	1857	1355	1451	840	492	154	9475	1929	4489	2783
1940-41	44	113	223	574	1158	1466	1596	1439	1358	540	273	106	8890	1955	4501	2171
1941-42	42	96	218	623	996	1299	1575	1425	1119	552	433	141	8519	1837	4299	2104
1942-43	76	101	357	614	1098	1649	1810	1445	1488	837	442	92	10009	2069	4904	2767
1943-44	28	74	399	626	1206	1457	1358	1350	1352	837	280	103	9070	2231	4165	2469
1944-45	69	67	272	632	918	1590	1795	1448	936	759	552	255	9293	1822	4833	2247
1945-46	100	103	312	701	1113	1680	1628	1487	887	666	460	161	9298	2126	4795	2013
1946-47	58	133	309	549	1065	1513	1562	1529	1321	852	558	206	9655	1923	4604	2731
1947-48	62	16	253	359	1227	1541	1882	1506	1293	615	419	150	9323	1839	4929	2327
1948-49	45	67	175	629	978	1531	1575	1467	1271	687	340	70	8835	1782	4573	2298
1949-50	31	71	378	539	1047	1519	1810	1470	1435	1020	460	148	9928	1964	4799	2915
1950-51	114	200	304	508	1224	1727	1782	1439	1380	807	295	213	9993	2036	4948	2482
1951-52	76	163	390	651	1317	1593	1655	1296	1321	648	422	114	9646	2358	4544	2391
1952-53	45	122	270	815	1014	1364	1556	1442	1200	852	390	113	9183	2099	4362	2442
1953-54	69	74	284	452	915	1445	1742	1123	1321	714	574	100	8813	1651	4310	2609
1954-55	59	127	333	685	978	1451	1724	1484	1370	537	298	142	9188	1996	4659	2205
1955-56	13	37	275	589	1242	1705	1637	1490	1370	846	436	93	9733	2106	4832	2652
1956-57	119	106	375	449	1086	1463	1888	1400	1240	705	427	146	9404	1910	4751	2372

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SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON	SON	DJF	MAM
1957-58	34	109	348	670	1098	1472	1522	1523	1175	693	416	252	9312	2116	4517	2284
1958-59	93	106	258	564	1026	1761	1903	1551	1262	738	293	113	9668	1848	5215	2293
1959-60	62	41	247	760	1347	1283	1600	1386	1516	708	427	199	9576	2354	4269	2651
1960-61	81	70	250	620	987	1593	1702	1232	1113	837	477	130	9092	1857	4527	2427
1961-62	66	73	278	574	1089	1587	1826	1537	1212	780	282	154	9458	1941	4950	2274
1962-63	106	104	366	570	1014	1562	2000	1638	1166	660	451	105	9742	1950	5200	2277
1963-64	39	127	261	350	909	1761	1500	1350	1302	705	268	131	8703	1520	4611	2275
1964-65	29	146	324	676	972	1680	1798	1571	1457	825	298	167	9943	1972	5049	2580
1965-66	98	129	435	611	1074	1321	1934	1406	1107	834	536	111	9596	2120	4661	2477
1966-67	25	139	309	666	1101	1528	1600	1638	1231	747	567	141	9692	2076	4766	2545
1967-68	98	170	315	691	1173	1485	1696	1518	989	666	477	156	9434	2179	4699	2132
1968-69	72	94	267	558	1059	1559	1727	1389	1376	657	368	318	9444	1884	4675	2401
1969-70	72	57	281	725	1086	1482	1885	1504	1348	705	396	105	9646	2092	4871	2449
1970-71	32	83	264	555	1083	1531	1910	1470	1352	762	507	83	9632	1902	4911	2621
1971-72	114	146	245	440	1044	1494	1910	1588	1373	879	288	178	9699	1729	4992	2540
1972-73	91	101	336	763	1092	1677	1578	1355	924	771	515	113	9316	2191	4610	2210
1973-74	49	59	298	461	1050	1556	1708	1498	1240	717	501	218	9355	1809	4762	2458
1974-75	32	120	456	657	996	1361	1628	1414	1383	924	288	137	9396	2109	4403	2595
1975-76	33	94	408	555	909	1531	1798	1226	1243	642	454	90	8983	1872	4555	2339
1976-77	43	94	333	806	1290	1851	2058	1369	992	570	176	163	9745	2429	5278	1738
1977-78	33	187	289	651	1056	1575	1801	1590	1286	789	329	161	9747	1996	4966	2404
1978-79	88	84	192	663	1104	1674	2003	1641	1231	828	512	169	10189	1959	5318	2571
1979-80	56	129	256	722	1092	1364	1696	1501	1339	672	303	165	9295	2070	4561	2314
1980-81	44	88	330	784	1023	1572	1640	1294	1091	666	436	141	9109	2137	4506	2193
1981-82	65	83	342	741	921	1510	1984	1487	1268	867	263	276	9807	2004	4981	2398
1982-83	43	133	327	598	1089	1324	1516	1159	1110	837	539	133	8808	2014	3999	2486
1983-84	15	33	242	632	1002	1869	1752	1117	1380	648	483	109	9282	1876	4738	2511
1984-85	76	54	360	539	1059	1497	1755	1487	1045	612	298	213	8995	1958	4739	1955
1985-86	83	135	298	654	1236	1860	1634	1462	1128	579	303	152	9524	2188	4956	2010
1986-87	42	161	292	657	1194	1404	1485	1145	995	552	303	81	8311	2143	4034	1850
1987-88	25	98	245	818	945	1305	1779	1568	1184	693	253	79	8992	2008	4652	2130
1988-89	18	39	261	809	996	1528	1466	1641	1352	792	396	173	9471	2066	4635	2540
1989-90	35	81	284	589	1200	1860	1367	1364	1079	636	466	124	9085	2073	4591	2181
1990-91	71	91	234	691	927	1534	1773	1294	1128	615	263	67	8688	1852	4601	2006
1991-92	65	61	348	694	1227	1466	1482	1207	1197	810	337	196	9090	2269	4155	2344
1992-93	160	161	327	676	1104	1448	1637	1414	1190	831	404	199	9551	2107	4499	2425
1993-94	65	73	450	732	1134	1423	1996	1546	1119	750	368	97	9753	2316	4965	2237
1994-95	81	131	192	546	924	1299	1556	1411	1088	891	413	58	8590	1662	4266	2392
1995-96	42	29	321	614	1317	1606	1804	1478	1417	888	474	121	10111	2252	4888	2779
1996-97	105	77	258	632	1233	1513	1724	1313	1237	789	561	93	9535	2123	4550	2587
1997-98	66	144	234	608	1131	1262	1463	980	1132	570	219	148	7957	1973	3705	1921
1998-99	44	53	145	558	909	1321	1727	1170	1113	606	288	111	8045	1612	4218	2007
1999-00	19	103	284	691	831	1392	1652	1207	911	741	319	171	8321	1806	4251	1971
2000-01	69	77	287	521	1032	1804	1472	1504	1228	630	324	121	9069	1840	4780	2182
2001-02	43	45	289	654	720	1243	1355	1151	1373	765	515	98	8251	1663	3749	2653
2002-03	14	78	192	803	1086	1345	1683	1540	1209	759	404	148	9261	2081	4568	2372
2003-04	59	39	231	636	1059	1327	1795	1302	1091	708	460	185	8892	1926	4424	2259
2004-05	76	185	134	589	924	1485	1674	1212	1277	573	448	50	8627	1647	4371	2298
2005-06	26	65	145	533	996	1485	1249	1417	1119	531	335	113	8014	1674	4151	1985
2006-07	14	71	330	769	927	1262	1479	1565	1032	732	273	85	8539	2026	4306	2037
2007-08	40	65	194	470	1044	1562	1615	1520	1352	759	483	141	9245	1708	4697	2594
2008-09	51	91	205	636	1029	1705	1903	1336	1184	729	390	154	9413	1870	4944	2303
2009-10	148	122	172	781	807	1531	1572	1319	896	507	305	130	8290	1760	4422	1708
2010-11	26	34	342	555	972	1519	1720	1366	1246	780	410	133	9103	1869	4605	2436
2011-12	15	68	298	527	918	1321	1472	1165	688	663	273	90	7498	1743	3958	1624
2012-13	11	89	304	694	993	1318	1590	1439	1364	924	387	146	9259	1991	4347	2675
2013-14	48	78	212	639	1107	1761	1931	1694	1476	867	373	98	10284	1958	5386	2716
2014-15	100	96	284	660	1287	1373	1646	1702	1138	672	348	144	9450	2231	4721	2158
2015-16	55	106	119	604	843	1116	1593	1271	952	744	351	111	7865	1566	3980	2047
2016-17	42	53	170	533	768	1466	1510	1145	1181	645	445	118	8076	1471	4121	2271
2017-18	55	139	175	549	1104	1596	1624	1487	1197	1041	201	95	9263	1828	4707	2439
2018-19	42	68	197	769	1221	1318	1690	1543	1330	777	492	148	9595	2187	4551	2599
2019-20	29	116	192	707	1182	1407	1445	1380	1054	819	407	98	8836	2081	4232	2280

Multi-year Statistics

POR 1895-9€ 2019-20

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SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON	SON	DJF	MAM
AVE	56.9	99.1	278.2	636.3	1069.8	1523.8	1698.0	1443.3	1230.6	741.2	394.1	139.6	9309.4	1984.3	4662.6	2365.9
MEDIAN	52.0	94.0	281.0	636.0	1074.0	1528.0	1694.5	1443.5	1235.5	747.0	396.0	133.0	9323.0	1973.0	4679.0	2372.0
Std	30.5	41.5	75.3	108.6	125.3	161.7	177.0	160.2	159.4	113.3	96.2	52.9	585.8	199.0	351.0	245.9
MAX	160	208	483	964	1347	1869	2269	1879	1596	1041	639	318	10604	2482	5483	2915
MIN	8	16	119	350	720	1116	1249	980	688	471	176	30	7498	1471	3705	1624

Interval	1901	2000														
AVE	59.0	103.0	290.6	636.1	1078.7	1540.1	1718.7	1445.6	1234.6	746.7	398.8	144.7	9392.3	2005.4	4701.0	2380.1
MEDIAN	57.0	98.5	288.0	632.0	1077.0	1531.0	1716.0	1455.0	1238.5	750.0	400.5	141.0	9419.0	1997.5	4702.0	2391.5
STD	30.1	41.6	69.9	107.0	114.4	158.7	175.3	156.6	149.6	112.2	99.7	56.2	524.9	185.2	334.1	236.4
MAX	160	208	483	964	1347	1869	2269	1879	1522	1020	639	318	10604	2429	5483	2915
MIN	8	16	125	350	831	1234	1358	980	831	471	176	30	7957	1499	3705	1738

Interval	1981	2010														
AVE	56.2	87.1	265.5	647.5	1032.5	1489.6	1633.0	1353.7	1164.2	702.2	377.4	132.2	8954.2	1945.5	4478.0	2243.8
MEDIAN	47.5	77.5	272.5	636.0	1030.5	1485.0	1638.5	1350.0	1130.0	718.5	379.0	127.0	9032.0	1965.5	4528.0	2248.0
STD	35.1	41.6	72.7	90.7	137.2	178.0	177.5	163.0	128.5	108.5	92.1	49.3	563.5	195.0	339.3	260.0
MAX	160	185	450	818	1317	1869	1996	1641	1417	891	561	276	10111	2316	4981	2779
MIN	14	29	134	470	720	1243	1249	980	896	507	219	50	7957	1612	3705	1708

Interval	1971	2000														
AVE	59.1	97.3	295.8	650.1	1068.9	1529.3	1709.4	1379.9	1184.2	730.9	375.3	140.6	9212.7	2014.8	4609.5	2290.4
MEDIAN	52.5	92.5	290.5	655.5	1057.5	1511.5	1716.0	1412.5	1187.0	745.5	352.5	139.0	9305.5	2011.0	4605.5	2341.5
STD	31.4	39.6	68.9	97.0	121.3	177.2	175.8	168.0	137.2	109.8	104.9	50.0	560.1	189.2	366.9	261.5
MAX	160	187	456	818	1317	1869	2058	1641	1417	924	561	276	10189	2429	5318	2779
MIN	15	29	145	440	831	1262	1367	980	911	552	176	58	7957	1612	3705	1738

Interval	1961	1990														
AVE	56.4	104.4	304.3	640.2	1059.5	1561.4	1737.9	1438.6	1209.9	728.4	391.1	149.2	9383.0	2004.0	4739.9	2329.4
MEDIAN	46.5	96.0	295.0	655.5	1059.0	1532.5	1739.5	1478.5	1231.0	711.0	396.0	141.0	9439.0	2006.0	4718.5	2399.5
STD	27.8	37.7	58.4	109.3	93.4	158.1	173.8	150.6	140.6	97.6	106.9	52.8	392.6	164.2	297.5	224.5
MAX	114	187	456	818	1290	1869	2058	1641	1457	924	567	318	10189	2429	5318	2621
MIN	15	33	192	350	909	1305	1367	1117	924	552	176	79	8311	1520	3999	1738

Interval	1951	1980														
AVE	62.4	106.0	309.1	624.4	1074.2	1542.7	1758.9	1452.3	1260.6	740.6	399.0	149.3	9487.4	2007.7	4759.1	2400.3
MEDIAN	60.5	105.0	293.5	651.0	1066.5	1543.5	1734.5	1477.0	1274.0	727.5	419.0	141.5	9517.0	1996.0	4725.0	2415.5
STD	28.6	36.2	59.9	114.3	107.8	133.3	147.6	124.7	134.7	89.4	101.7	50.8	327.8	197.0	278.0	186.9
MAX	119	187	456	815	1347	1851	2058	1641	1516	924	574	318	10189	2429	5318	2652
MIN	13	37	192	350	909	1283	1500	1123	924	537	176	83	8703	1520	4269	1738

Interval	1941	1970														
AVE	63.8	100.2	303.6	600.4	1081.4	1537.7	1708.9	1449.4	1263.9	734.3	410.5	147.8	9402.9	1985.3	4693.9	2408.7
MEDIAN	64.0	102.0	294.0	617.0	1078.5	1531.0	1713.0	1457.5	1297.5	711.0	424.5	141.0	9439.0	1968.0	4687.0	2396.0
STD	28.3	40.5	57.3	103.5	110.6	124.8	147.9	106.7	151.0	106.4	93.0	54.7	385.6	181.7	258.7	205.3
MAX	119	200	435	815	1347	1761	2000	1638	1516	1020	574	318	10009	2358	5215	2915
MIN	13	16	175	350	909	1283	1358	1123	887	537	268	70	8519	1520	4165	2013

Interval	1931	1960														
AVE	52.9	91.2	283.1	618.4	1096.6	1524.5	1668.1	1447.4	1283.2	753.1	396.3	139.4	9351.0	1998.1	4636.3	2432.6
MEDIAN	46.5	90.0	279.5	624.5	1092.0	1531.0	1646.0	1446.5	1307.0	772.5	417.5	141.5	9352.0	1980.0	4669.0	2419.5
STD	28.7	39.6	66.9	105.0	119.4	134.7	156.6	135.5	146.2	111.8	91.4	55.1	440.8	193.7	291.7	213.8
MAX	119	200	399	815	1347	1761	1903	1879	1516	1020	574	255	10194	2358	5286	2915
MIN	11	16	136	359	864	1249	1358	1123	887	537	215	30	8437	1499	4056	2013

Interval	1921	1950														
AVE	52.5	97.7	277.5	629.1	1093.4	1547.7	1695.7	1456.6	1262.7	763.4	401.9	142.4	9397.9	2000.0	4690.1	2428.0
MEDIAN	47.5	94.5	271.0	626.0	1105.5	1545.5	1700.5	1442.0	1284.5	789.0	399.0	143.5	9480.5	1962.5	4733.5	2399.0
STD	29.1	42.3	74.4	110.5	110.0	149.2	179.7	142.4	153.9	118.2	101.8	61.0	503.1	184.0	290.1	239.0
MAX	114	202	408	952	1257	1857	2099	1879	1522	1020	626	255	10194	2370	5286	2915
MIN	9	16	136	359	864	1234	1358	1142	887	540	215	30	8287	1499	4056	2013

Interval	1911	1940														
AVE	53.1	110.3	279.1	654.6	1089.9	1543.3	1742.4	1481.2	1272.0	768.4	398.4	146.8	9548.9	2023.7	4771.5	2438.9
MEDIAN	48.0	105.0	270.0	661.5	1108.5	1545.5	1734.5	1464.5	1284.5	789.0	394.5	150.0	9522.5	1992.0	4755.5	2431.5
STD	31.5	43.8	76.6	122.6	114.3	182.1	208.8	172.9	127.7	107.1	98.7	67.4	573.0	198.9	352.4	198.4
MAX	127	208	483	964	1311	1866	2269	1879	1522	948	626	252	10591	2370	5399	2783

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

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON	SON	DJF	MAM
MIN	8	23	136	422	864	1234	1432	1142	1045	471	215	30	8287	1499	4056	2042
Interval	1901	1930														
AVE	63.5	117.4	286.6	652.6	1078.0	1563.2	1754.4	1483.5	1233.7	758.3	423.0	150.8	9565.1	2017.2	4801.1	2415.0
MEDIAN	67.5	113.5	291.0	665.0	1077.0	1573.5	1716.0	1482.5	1220.0	753.0	413.0	141.5	9520.0	1987.0	4774.5	2366.0
STD	29.3	42.7	77.0	114.4	111.6	171.2	194.8	161.7	152.5	123.6	95.5	61.8	577.3	173.1	355.9	233.3
MAX	127	208	483	964	1311	1866	2269	1784	1522	1002	639	252	10604	2370	5483	2791
MIN	8	49	125	422	918	1234	1432	1142	831	471	230	53	8287	1706	4056	1940

Data as of 6 Jul 2020