

University of Wisconsin Extension

GEOLOGICAL AND NATURAL HISTORY SURVEY
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WISCONSIN CLIMATE SUMMARY FOR 1983

by

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1983

GEOLOGICAL AND NATURAL HISTORY SURVEY
Climatology Division

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WISCONSIN CLIMATE SUMMARY FOR 1983

This is a preliminary summary of 1983 climatological data for Wisconsin. The 11 Stations include the 4 National Weather Service stations - Madison, Milwaukee, Green Bay, and La Crosse; and 7 U.W. Experimental Farms - Arlington, Lancaster, Ashland, Spooner, Marshfield, Sturgeon Bay, and Hancock.

The tables list monthly averages of daily maximum temperature (Tmax), daily minimum temperature (Tmin), daily average temperature (Tavg = (Tmax + Tmin)/2, precipitation (Pptn), heating degree days (HDD), and cooling degree days (CDD). The temperatures are in degrees Fahrenheit and precipitation is in inches.

Heating degree days are the monthly sums of the number of degrees below 65 degrees Fahrenheit that the daily average temperature is each day. The sums are large when the weather is cold. For example, a day with mean temperature of 35 degrees would accumulate 30 heating degree days. Heating degree days are used as an index of heating requirements, and can be correlated to winter energy consumption. Comparing the ratio of seasonal fuel use to heating degree days from year to year is a simple way for home and building owners to judge the effectiveness of insulation and other energy conservation improvements.

Cooling degree days are the monthly sums of the number of degrees above 65 degrees Fahrenheit that the daily average temperature is each day. The sums are large in hot weather. For example, a day with an average temperature of 75 degrees would accumulate 10 cooling degree days. Cooling degree days are used as an index of the need for air conditioning, and can be correlated to summer power consumption.

Two additional columns labeled "Norm" and "Dep" provide normal values for each variable, and the departure (difference) from normal each month. "Normals" are 30-year averages for the years 1951 to 1980. They provide a basis for comparison of a given month to a climatic average.

Your comments on this summary are welcome. I will be preparing a complete annual summary in January. It will include these tables and a descriptive climatic summary for 1983, with some maps and graphs to highlight the tables and text. What additional information would you like to see in this summary? Call me at 263-7679.

Douglas R. Clark
State Climatologist

DRC/jt



WISCONSIN

STATUTE MILES
0 10 20 30 40

90th MERIDIAN TIME ZONE

- STATION LEGEND**
- ● ○ Precipitation only
 - ⊖ Precipitation, storage
 - ⊕ ⊖ ⊕ Precipitation and Temperature
 - ⊕ ⊖ ⊕ ⊖ ⊕ Precipitation, Temperature and Evaporation
 - Type of gage: ○ Non-recording; ⊖ Recording;
 - Both types. ⊙ Soil Temperature
 - Double circle combinations indicate the availability of more detailed meteorological data.

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°

NAME Arlington UW Experimental Farm

1983

Month	Tmax	Norm	Dep	Tmin	Norm	Dep	Tavg	Norm	Dep	Pptn	Norm	Dep	HDD	Norm	Dep	CDD	Norm	Dep
Jan	28.5	23.4	5.1	16.5	6.8	9.7	22.5	15.1	7.4	0.39	0.89	-0.50	1309	1543	-234	0	NA	NA
Feb	34.2	28.9	5.3	20.5	12.0	8.5	27.4	20.5	6.9	1.76	0.93	0.83	1048	1254	-206	0	NA	NA
Mar	41.4	39.6	1.8	25.9	22.3	3.6	33.7	31.0	2.7	2.40	1.81	0.59	965	1049	-84	0	NA	NA
Apr	51.7	57.1	-5.4	33.7	35.2	-1.5	42.7	46.2	-3.5	2.01	3.08	-1.07	662	563	99	0	NA	NA
May	64.0	67.7	-5.7	41.8	45.8	-4.0	52.9	57.8	-4.9	3.92	3.39	0.53	369	251	118	0	NA	NA
Jun	79.4	78.3	1.1	53.7	55.0	-1.3	66.6	66.7	-0.1	2.11	3.68	-1.57	69	55	14	124	NA	NA
Jul	86.7	82.5	4.2	62.4	59.4	3.0	74.6	71.0	3.6	4.47	3.86	0.61	6	12	-6	310	NA	NA
Aug	85.2	80.3	4.9	62.1	57.4	4.7	73.7	68.9	4.8	4.54	3.85	0.69	1	30	-29	280	NA	NA
Sep	73.1	72.4	0.7	50.5	49.4	1.1	61.8	60.9	0.9	3.06	3.74	-0.68	161	168	-7	72	NA	NA
Oct	61.7	60.6	1.1	41.0	39.3	1.7	51.4	50.0	1.4	3.64	2.38	1.26	429	463	-34	14	NA	NA
Nov	44.9	43.6	1.3	31.1	26.7	4.4	38.0	35.2	2.8	3.10	1.80	1.30	802	888	-86	0	NA	NA
Dec		29.5			14.1			21.8			1.26			1384			NA	NA
Annl	59.2	55.5	1.3	39.9	35.3	2.7	49.5	45.4	2.0	31.40	30.67	1.99	5821	7660	-1839	800	NA	NA

NAME Lancaster UW Exp Farm

1983

Month	Tmax	Norm	Dep	Tmin	Norm	Dep	Tavg	Norm	Dep	Pptn	Norm	Dep	HDD	Norm	Dep	CDD	Norm	Dep
Jan	30.0	24.4	5.6	16.6	7.4	9.2	23.3	15.9	7.4	0.25	1.00	-0.75	1285	1519	-234	0	0	0
Feb	35.0	30.7	4.3	22.0	12.8	9.2	28.5	21.8	6.7	1.27	0.99	0.28	1016	1210	-194	0	0	0
Mar	43.3	41.2	2.1	28.0	23.3	4.7	35.7	32.3	3.4	2.12	2.13	-0.01	902	1014	-112	0	0	0
Apr	52.2	58.1	-5.9	33.2	36.7	-3.5	42.7	47.4	-4.7	2.34	3.33	-0.99	662	528	134	0	0	0
May	64.8	70.3	-5.5	44.0	47.7	-3.7	54.4	59.0	-4.6	5.18	3.71	1.47	321	223	98	0	37	-37
Jun	80.6	79.2	1.4	57.4	57.0	0.4	69.0	68.1	0.9	3.28	4.23	-0.95	36	44	-8	163	137	26
Jul	86.7	83.3	3.4	63.8	61.2	2.6	75.3	72.3	3.0	3.34	4.11	-0.77	5	7	-2	330	233	97
Aug	88.3	81.4	6.9	63.2	59.6	3.6	75.8	70.5	5.3	3.12	4.14	-1.02	0	13	-13	342	183	159
Sep	74.4	73.1	1.3	51.0	51.4	-0.4	62.7	62.3	0.4	3.81	3.61	0.20	148	116	32	88	35	53
Oct	61.0	62.0	-1.0	40.8	41.0	-0.2	50.9	51.5	-0.6	2.81	2.45	0.36	441	430	11	11	11	0
Nov	45.1	44.4	0.7	30.5	27.5	3.0	37.8	36.0	1.8	3.75	1.88	1.87	806	870	-64	0	0	0
Dec		30.6			15.2			22.9			1.31			1305			0	
Annl	60.1	56.6	1.2	41.0	36.7	2.3	50.5	46.6	1.7	31.27	32.89	-0.31	5622	7279	-1657	934	636	298

NAME Madison NWS Airport

Month	Tmax	Norm	Dep	Tmin	Norm	Dep	Tavg	Norm	Dep	Pptn	Norm	Dep	HDD	Norm	Dep	CDD	Norm	Dep
Jan	28.2	24.5	3.7	14.5	6.7	7.8	21.4	15.6	5.8	0.53	1.11	-0.58	1346	1531	-185	0	0	0
Feb	33.8	30.0	3.8	18.7	11.0	7.7	26.3	20.5	5.8	2.26	1.02	1.24	1078	1246	-168	0	0	0
Mar	41.6	40.8	0.8	24.6	21.5	3.1	33.1	31.2	1.9	2.70	2.15	0.55	978	1048	-70	0	0	0
Apr	51.8	57.5	-5.7	31.4	34.1	-2.7	41.6	45.8	-4.2	2.23	3.10	-0.87	693	576	117	0	0	0
May	63.1	69.8	-6.7	40.6	44.2	-3.6	51.9	57.0	-5.1	4.21	3.34	0.87	400	273	127	0	25	-25
Jun	80.0	78.8	1.2	55.0	53.8	1.2	67.5	66.3	1.2	1.85	3.89	-2.04	57	58	-1	138	97	41
Jul	86.5	82.8	3.7	63.4	58.3	5.1	75.0	70.6	4.4	1.92	3.75	-1.83	11	12	-1	327	185	142
Aug	84.9	80.6	4.3	59.5	56.3	3.2	72.2	68.5	3.7	5.05	3.82	1.23	6	29	-23	237	137	100
Sep	71.9	72.3	-0.4	48.2	47.8	0.4	60.1	60.1	0.0	2.85	3.06	-0.21	193	161	32	52	14	38
Oct	58.4	61.1	-2.7	37.9	37.8	0.1	48.2	49.5	-1.3	2.59	2.24	0.35	519	490	29	6	9	-3
Nov	45.2	44.1	1.1	29.4	26.0	3.4	37.3	35.1	2.2	3.18	1.83	1.35	823	897	-74	0	0	0
Dec		30.6			14.2			22.4			1.53			1321			0	
Annl	58.7	56.1	0.3	38.5	34.3	2.3	48.6	45.2	1.3	29.37	30.84	0.06	6104	7642	-217	760	467	293

NAME Ashland UW Exp Farm

1983

Month	Tmax	Norm	Dep	Tmin	Norm	Dep	Tavg	Norm	Dep	Pptn	Norm	Dep	HDD	Norm	Dep	CDD	Norm	Dep
Jan	26.3	21.3	5.0	7.9	-0.4	8.3	17.1	10.5	6.6	1.40	1.05	0.35	1476	1690	-214	0	0	0
Feb	31.7	26.8	4.9	17.2	2.5	14.7	24.5	14.7	9.8	0.26	0.76	-0.50	1129	1498	-279	0	0	0
Mar	35.3	36.5	-1.2	22.2	14.4	7.8	28.8	25.5	3.3	1.01	1.61	-0.60	1115	1228	-113	0	0	0
Apr	47.6	50.8	-3.2	27.0	28.0	-1.0	37.3	39.4	-2.1	2.97	2.47	0.50	824	765	59	0	0	0
May	58.8	64.2	-5.4	33.0	38.2	-5.2	45.9	51.2	-5.3	2.48	3.66	-1.18	586	428	158	0	0	0
Jun	74.1	74.2	-0.1	47.0	47.9	-0.9	60.6	61.1	-0.5	1.57	3.64	-2.07	198	141	57	70	24	46
Jul	82.8	80.1	2.7	59.0	54.5	4.5	70.9	67.3	3.6	4.35	4.07	0.28	18	44	-26	211	116	95
Aug	82.3	77.7	4.6	57.3	53.3	4.0	69.8	65.5	4.3	2.56	4.62	-2.06	10	67	-57	167	82	85
Sep	69.5	68.3	0.2	46.9	45.3	1.6	57.7	56.8	0.9	5.16	3.51	1.65	254	251	3	41	5	36
Oct	54.1	57.7	-3.6	33.5	35.5	-2.0	43.8	46.6	-2.8	2.42	2.16	0.26	654	570	84	1	0	1
Nov	37.2	40.0	-2.8	26.4	23.2	3.2	31.8	31.6	0.2	5.42	2.01	3.41	987	1002	-15	0	0	0
Dec		26.9			8.5			17.7			1.27			1466			0	
Ann1	54.4	52.0	0.1	34.3	29.2	3.2	44.4	40.6	1.6	29.60	30.83	0.04	7251	9060	-343	490	227	263

NAME Spooner UW Exp Farm

1983

Month	Tmax	Norm	Dep	Tmin	Norm	Dep	Tavg	Norm	Dep	Pptn	Norm	Dep	HDD	Norm	Dep	CDD	Norm	Dep
Jan	26.7	20.0	6.7	6.4	-2.4	8.8	16.6	8.8	7.8	1.05	0.71	0.34	1495	1742	-247	0	0	0
Feb	31.9	27.0	4.9	17.5	2.1	15.4	24.7	14.6	10.1	0.37	0.63	-0.26	1123	1411	-288	0	0	0
Mar	40.2	37.9	2.3	24.1	15.1	9.0	32.2	26.5	5.7	1.45	1.36	0.09	1007	1190	-183	0	0	0
Apr	51.2	55.7	-4.5	28.1	30.9	-2.8	39.7	43.3	-3.6	2.97	2.07	0.90	756	651	105	0	0	0
May	65.0	68.9	-3.9	38.7	41.9	-3.2	51.9	55.4	-3.5	1.91	3.53	-1.62	401	319	82	1	21	-20
Jun	77.4	77.0	0.4	52.2	51.5	0.7	64.8	64.3	0.5	3.39	4.14	-0.75	93	93	0	95	72	23
Jul	84.4	81.6	2.8	61.2	56.4	4.8	72.8	69.0	3.8	6.24	4.18	2.06	15	27	-12	265	151	114
Aug	82.8	79.0	3.8	57.9	54.1	3.8	70.4	66.6	3.8	7.07	4.50	2.57	3	56	-53	177	105	72
Sep	70.6	69.1	1.5	48.6	45.5	3.1	59.6	57.3	2.3	4.69	3.44	1.25	213	240	-27	58	9	49
Oct	57.5	58.6	-1.1	35.5	35.9	-0.4	46.5	47.3	-0.8	2.91	2.10	0.81	568	549	19	3	0	3
Nov	39.1	39.7	-0.6	24.8	22.1	2.7	32.0	30.9	1.1	3.88	1.39	2.49	981	1023	-42	0	0	0
Dec		25.6			7.0			16.3			0.90			1510			0	
Ann1	57.0	53.3	1.1	35.9	30.0	3.8	46.4	41.7	2.5	35.93	28.95	7.88	6655	8811	-646	599	358	241

NAME Marshfield UW Exp Farm

1983

Month	Tmax	Norm	Dep	Tmin	Norm	Dep	Tavg	Norm	Dep	Pptn	Norm	Dep	HDD	Norm	Dep	CDD	Norm	Dep
Jan	27.2	21.0	6.2	12.5	1.8	10.7	19.9	11.4	8.5	1.05	0.91	0.14	1393	1659	-266	0	0	0
Feb	33.1	26.9	6.2	19.5	6.5	13.0	26.3	16.7	9.6	1.25	0.87	0.38	1077	1352	-275	0	0	0
Mar	39.6	37.2	2.4	25.1	17.6	7.5	32.4	27.4	5.0	1.56	1.82	-0.26	1002	1166	-164	0	0	0
Apr	51.0	54.7	-3.7	31.6	32.2	-0.6	41.3	43.5	-2.2	1.80	3.02	-1.22	705	645	60	0	0	0
May	62.5	68.0	-5.5	38.9	42.6	-3.7	50.7	55.3	-4.6	4.17	4.33	-0.16	436	320	116	0	19	-19
Jun	79.0	76.2	2.8	51.6	51.9	-0.3	65.3	64.1	1.2	0.73	4.11	-3.38	79	93	-14	96	63	33
Jul	87.0	80.7	6.3	59.3	56.2	3.1	73.2	68.5	4.7	2.84	3.79	-0.95	11	31	-20	271	140	131
Aug	86.1	78.5	7.6	58.4	53.8	4.6	72.3	66.2	6.1	5.72	4.07	1.65	4	57	-53	237	94	143
Sep	71.4	69.7	1.7	49.4	45.4	4.0	60.4	57.6	2.8	4.67	4.09	0.58	207	228	-21	75	6	69
Oct	57.6	58.6	-1.0	39.1	35.9	3.2	48.4	47.3	1.1	3.17	2.67	0.50	512	549	-37	4	0	4
Nov	41.3	40.7	0.6	28.9	23.3	5.6	35.1	32.0	3.1	5.45	1.76	3.69	889	990	-101	0	0	0
Dec		26.9			10.0			18.5			1.27			1442			0	
Ann1	57.8	53.3	2.1	37.7	31.4	4.3	47.7	42.3	3.2	32.41	32.71	0.97	6315	8532	-775	683	322	361

NAME La Crosse FAA Airport

1983

Month	Tmax	Norm	Dep	Tmin	Norm	Dep	Tavg	Norm	Dep	Pptn	Norm	Dep	HDD	Norm	Dep	CDD	Norm	Dep
Jan	26.8	23.1	3.7	12.9	5.0	7.9	19.9	14.1	5.8	0.89	0.94	-0.05	1391	1581	-190	0	0	0
Feb	32.1	29.4	2.7	18.2	9.9	8.3	25.2	19.7	5.5	2.27	0.89	1.38	1109	1268	-159	0	0	0
Mar	41.0	40.0	1.0	26.5	21.8	4.7	33.8	30.9	2.9	1.60	1.96	-0.36	960	1057	-97	0	0	0
Apr	51.9	57.5	-5.6	33.3	36.9	-3.6	42.6	47.2	-4.6	2.37	3.05	-0.68	666	534	132	1	0	1
May	64.0	70.2	-6.2	44.6	48.5	-3.9	54.3	59.4	-5.1	4.50	3.61	0.99	325	216	109	0	42	-42
Jun	80.6	79.1	1.5	57.3	57.8	-0.5	69.0	68.5	0.5	1.67	4.15	-2.48	46	37	9	172	142	30
Jul	87.3	83.5	3.8	66.1	62.4	3.7	76.7	73.0	3.7	3.16	3.83	-0.67	6	10	-4	375	258	117
Aug	86.3	81.4	4.9	64.2	60.3	3.9	75.3	70.9	4.4	3.06	3.70	-0.64	0	14	-14	324	197	127
Sep	72.8	72.0	0.8	53.1	51.2	1.9	63.0	61.6	1.4	4.94	3.47	1.47	160	135	25	104	33	71
Oct	59.2	60.8	-1.6	40.1	41.0	-0.9	49.7	50.9	-1.2	3.35	2.08	1.27	479	448	31	12	11	1
Nov	42.2	43.1	-0.9	29.5	27.4	2.1	35.9	35.3	0.6	3.72	1.50	2.22	867	891	-24	0	0	0
Dec		29.2			13.8			21.5			1.07			1349			0	
Ann1	58.6	55.8	0.4	40.5	36.3	2.1	49.5	46.1	1.3	31.53	30.25	2.35	6009	7540	-182	988	683	305

06-Dec-83

WISCONSIN CLIMATE SUMMARY

Page 1

NAME Arlington UW Experimental Farm

1983

Month	Tmax	Norm	Dep	Tmin	Norm	Dep	Tavg	Norm	Dep	Pptn	Norm	Dep	HDD	Norm	Dep	CDD	Norm	Dep
Jan	28.5	23.4	5.1	16.5	6.8	9.7	22.5	15.1	7.4	0.39	0.89	-0.50	1309	1543	-234	0	NA	NA
Feb	34.2	28.9	5.3	20.5	12.0	8.5	27.4	20.5	6.9	1.76	0.93	0.83	1048	1254	-206	0	NA	NA
Mar	41.4	39.6	1.8	25.9	22.3	3.6	33.7	31.0	2.7	2.40	1.81	0.59	965	1049	-84	0	NA	NA
Apr	51.7	57.1	-5.4	33.7	35.2	-1.5	42.7	46.2	-3.5	2.01	3.08	-1.07	662	563	99	0	NA	NA
May	64.0	69.7	-5.7	41.8	45.8	-4.0	52.9	57.8	-4.9	3.92	3.39	0.53	369	251	118	0	NA	NA
Jun	79.4	78.3	1.1	53.7	55.0	-1.3	66.6	66.7	-0.1	2.11	3.68	-1.57	69	55	14	124	NA	NA
Jul	86.7	82.5	4.2	62.4	59.4	3.0	74.6	71.0	3.6	4.47	3.86	0.61	6	12	-6	310	NA	NA
Aug	85.2	80.3	4.9	62.1	57.4	4.7	73.7	68.9	4.8	4.54	3.85	0.69	1	30	-29	280	NA	NA
Sep	73.1	72.4	0.7	50.5	49.4	1.1	61.8	60.9	0.9	3.06	3.74	-0.68	161	168	-7	72	NA	NA
Oct	61.7	60.6	1.1	41.0	39.3	1.7	51.4	50.0	1.4	3.64	2.38	1.26	429	463	-34	14	NA	NA
Nov	44.9	43.6	1.3	31.1	26.7	4.4	38.0	35.2	2.8	3.10	1.80	1.30	802	888	-86	0	NA	NA
Dec		29.5			14.1			21.8			1.26			1384			NA	NA
Ann1	59.2	55.5	1.3	39.9	35.3	2.7	49.5	45.4	2.0	31.40	30.67	1.99	5821	7660	-1839	800	NA	NA

NAME Lancaster UW Exp Farm

1983

Month	Tmax	Norm	Dep	Tmin	Norm	Dep	Tavg	Norm	Dep	Pptn	Norm	Dep	HDD	Norm	Dep	CDD	Norm	Dep
Jan	30.0	24.4	5.6	16.6	7.4	9.2	23.3	15.9	7.4	0.25	1.00	-0.75	1285	1519	-234	0	0	0
Feb	35.0	30.7	4.3	22.0	12.8	9.2	28.5	21.8	6.7	1.27	0.99	0.28	1016	1210	-194	0	0	0
Mar	43.3	41.2	2.1	28.0	23.3	4.7	35.7	32.3	3.4	2.12	2.13	-0.01	902	1014	-112	0	0	0
Apr	52.2	58.1	-5.9	33.2	36.7	-3.5	42.7	47.4	-4.7	2.34	3.33	-0.99	662	528	134	0	0	0
May	64.8	70.3	-5.5	44.0	47.7	-3.7	54.4	59.0	-4.6	5.18	3.71	1.47	321	223	98	0	37	-37
Jun	80.6	79.2	1.4	57.4	57.0	0.4	69.0	68.1	0.9	3.28	4.23	-0.95	36	44	-8	163	137	26
Jul	86.7	83.3	3.4	63.8	61.2	2.6	75.3	72.3	3.0	3.34	4.11	-0.77	5	7	-2	330	233	97
Aug	88.3	81.4	6.9	63.2	59.6	3.6	75.8	70.5	5.3	3.12	4.14	-1.02	0	13	-13	342	183	159
Sep	74.4	73.1	1.3	51.0	51.4	-0.4	62.7	62.3	0.4	3.81	3.61	0.20	148	116	32	88	35	53
Oct	61.0	62.0	-1.0	40.8	41.0	-0.2	50.9	51.5	-0.6	2.81	2.45	0.36	441	430	11	11	11	0
Nov	45.1	44.4	0.7	30.5	27.5	3.0	37.8	36.0	1.8	3.75	1.88	1.87	806	870	-64	0	0	0
Dec		30.6			15.2			22.9			1.31			1305			0	
Ann1	60.1	56.6	1.2	41.0	36.7	2.3	50.5	46.6	1.7	31.27	32.89	-0.31	5622	7279	-1657	934	636	298

NAME Madison MHS Airport

NAME Sturgeon Bay UW Exp Farm

1983

Month	Tmax	Norm	Dep	Tmin	Norm	Dep	Tavg	Norm	Dep	Pptn	Norm	Dep	HDD	Norm	Dep	CDD	Norm	Dep
Jan	29.5	24.9	4.6	17.5	8.8	8.7	23.5	16.9	6.6	1.29	1.34	-0.05	1275	1491	-216	0	0	0
Feb	34.3	28.5	5.8	22.0	10.9	11.1	28.2	19.7	8.5	1.83	1.07	0.76	1025	1268	-243	0	0	0
Mar	38.7	37.5	1.2	26.1	20.6	5.5	32.4	29.1	3.3	2.19	1.93	0.26	1003	1116	-113	0	0	0
Apr	47.4	51.7	-4.3	32.6	32.8	-0.2	40.0	42.3	-2.3	1.48	2.90	-1.42	740	681	59	0	0	0
May	58.2	64.1	-5.9	39.1	41.7	-2.6	48.7	52.9	-4.2	5.68	3.28	2.40	500	381	119	0	6	-6
Jun	75.2	74.2	1.0	53.0	51.2	1.8	64.1	62.7	1.4	2.39	3.26	-0.87	99	105	-6	80	36	44
Jul	84.1	79.4	4.7	62.3	57.5	4.8	73.2	68.5	4.7	3.04	3.37	-0.33	15	22	-7	274	130	144
Aug	82.3	77.8	4.5	60.5	56.9	3.6	71.4	67.4	4.0	3.72	3.32	0.40	8	44	-36	214	118	96
Sep	71.3	69.2	2.1	52.5	49.7	2.8	61.9	59.5	2.4	4.96	3.54	1.42	162	174	-12	77	9	68
Oct	57.8	58.0	-0.2	42.1	40.8	1.3	50.0	49.4	0.6	2.93	2.33	0.60	458	484	-26	0	0	0
Nov	42.3	42.9	-0.6	31.8	29.6	2.2	37.1	36.3	0.8	3.22	1.99	1.23	830	861	-31	0	0	0
Dec		30.7			17.3			24.0			1.73			1271				0
Ann1	56.5	53.2	1.2	40.0	34.8	3.5	48.2	44.0	2.4	32.73	30.06	4.40	6115	7898	-512	645	299	346

NAME Hancock UW Experimental Farm

1983

Month	Tmax	Norm	Dep	Tmin	Norm	Dep	Tavg	Norm	Dep	Pptn	Norm	Dep	HDD	Norm	Dep	CDD	Norm	Dep
Jan	28.7	23.5	5.2	14.6	2.5	12.1	21.7	13.0	8.7	0.68	0.85	-0.17	1338	1612	-274	0	0	0
Feb	34.9	29.0	5.9	19.9	6.7	13.2	27.4	17.9	9.5	1.41	0.94	0.47	1045	1319	-274	0	0	0
Mar	41.9	39.4	2.5	25.0	18.1	6.9	33.5	28.8	4.7	2.21	1.92	0.29	970	1125	-155	0	0	0
Apr	53.2	57.2	-4.0	31.1	32.9	-1.8	42.2	45.1	-2.9	1.00	2.87	-1.87	678	597	81	0	0	0
May	62.9	70.6	-7.7	41.3	44.0	-2.7	52.1	57.3	-5.2	5.48	3.52	1.96	392	271	121	0	36	-36
Jun	80.2	79.1	1.1	55.5	53.6	1.9	67.9	66.4	1.5	1.40	3.47	-2.07	57	59	-2	150	101	49
Jul	87.2	82.8	4.4	63.0	57.9	5.1	75.1	70.4	4.7	3.23	3.43	-0.20	6	15	-9	328	182	146
Aug	84.9	80.9	4.0	61.1	56.0	5.1	73.0	68.5	4.5	7.47	3.77	3.70	0	27	-27	257	135	122
Sep	72.0	72.1	-0.1	51.0	47.8	3.2	61.5	60.0	1.5	5.47	3.76	1.71	180	170	10	84	17	67
Oct	59.7	60.8	-1.1	40.4	37.9	2.5	50.1	49.4	0.7	2.54	2.28	0.26	468	490	-22	12	6	6
Nov	44.5	43.2	1.3	29.7	24.5	5.2	37.1	33.9	3.2	2.42	1.72	0.70	831	933	-102	0	0	0
Dec		29.0			10.8			19.9			1.10			1398				0
Ann1	59.1	55.6	1.0	39.3	32.7	4.6	49.2	44.2	2.8	33.31	29.63	4.78	5965	8016	-653	831	477	354