

C. A. W. A. P.*

1988 Crop Season Climatic Data University of Minnesota Field Research Locations

Data from:

Becker
Cedar Creek
Cloquet
Crookston
Grand Rapids
Haverhill
Lamberton
Morris
Roseau
Rosemount
St. Paul
Staples
Waseca
Westport

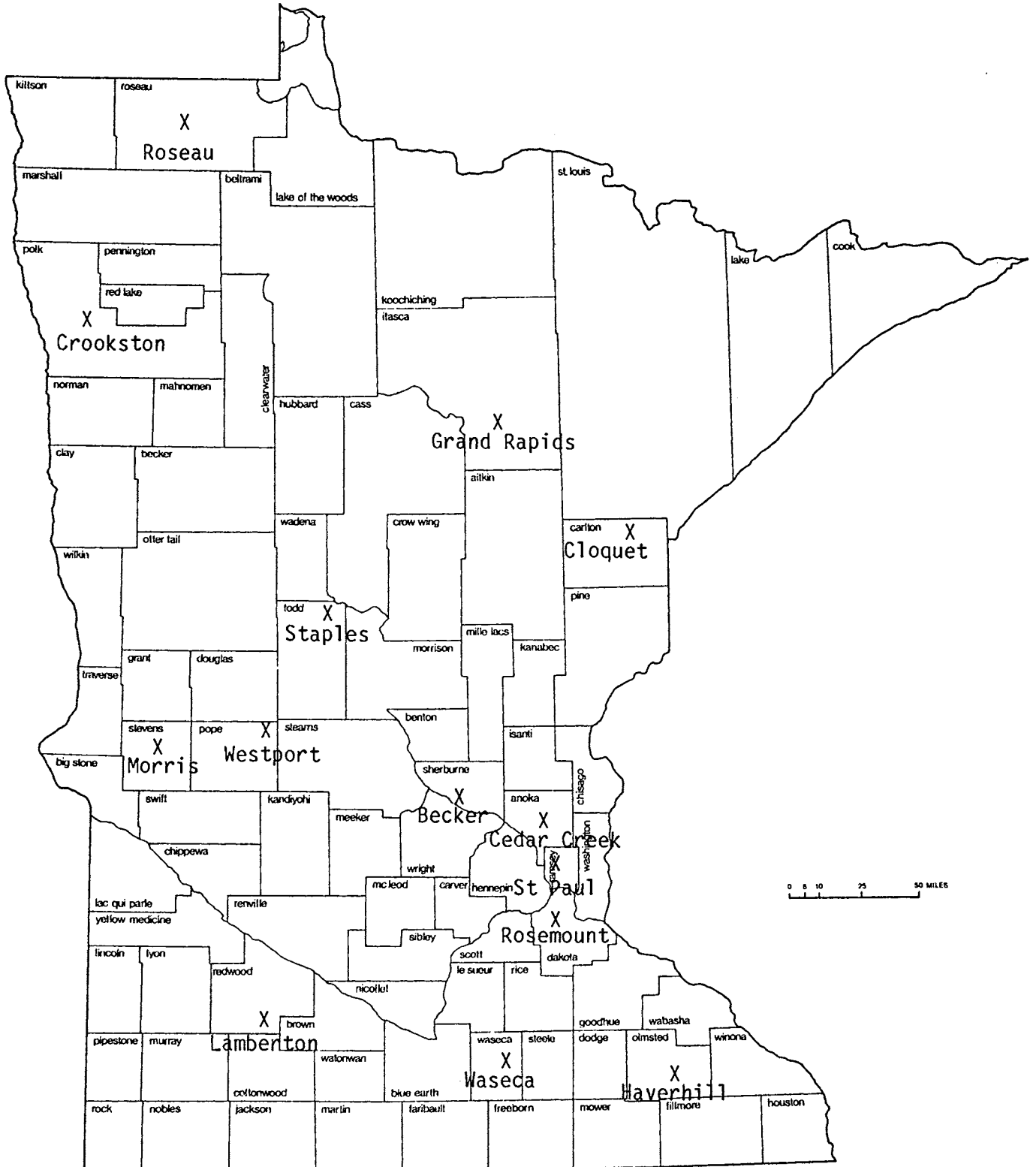
***University of Minnesota Cooperative
Agricultural Weather Advisory Program**

**(National Weather Service and Minnesota
Department of Natural Resources—State
Climatology Office Cooperating)**

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WEATHER STATION LOCATIONS



UNIVERSITY OF MINNESOTA FIELD RESEARCH LOCATIONS
1988 GROWING SEASON CLIMATIC DATA

The following data characterize the environmental conditions during the 1988 growing season at 14 research sites operated by the University of Minnesota Agricultural Experiment Station, the College of Natural Resources, and the College of Biological Sciences. These data were collected using standard sets of manual and electronic instrumentation placed in the field in such a way as to represent the general environment at each research location. Efforts were made to standardize instrument types, placement, orientation, and frequency of readings such that valid comparisons between locations could be made.

The following list of codes describes the types of environmental measurements made at each location and listed on subsequent pages:

CODE	DESCRIPTION
MAX AIR TEMP	maximum air temperature in degrees Celsius from a shielded thermistor placed 1.5 meters above the ground.
MIN AIR TEMP	minimum air temperature in degrees Celsius from a shielded thermistor placed 1.5 meters above the ground.
PRE	total precipitation in millimeters from a standard National Weather Service stick gauge or a Sierra tipping bucket rain gauge.
PAN	total evaporation in millimeters from a standard National Weather Service evaporation pan. Not taken at all locations.
SOL	solar energy flux density, or incident shortwave radiation received on a horizontal surface, expressed as kilowatt-hours/square meter (kWhr/m ²).
WIND DIR	mean wind direction for the date, expressed in degrees ranging from 0 to 360, and measured at a height of 3 meters.
WIND SP	mean wind speed for the date, expressed as meters per second (m/sec), and measured at a height of 3 meters, except at St Paul which is at a height of 0.5 meters.

MAX SOIL TEMP	soil maximum temperature in degrees Celsius at a depth of 10 cm under a bare soil.
MIN SOIL TEMP	soil minimum temperature in degrees Celsius at a depth of 10 cm under bare soil.
MAX RH	maximum relative humidity in percent (%).
MIN RH	minimum relative humidity in percent (%).
MEAN DEW PNT	mean dew point temperature, expressed in degrees Celsius, for the date.
ACCM D.D.	accumulated degree days above a specified base temperature value (4.44, 10, or 10/30 degrees C) often related to phenological events.

Monthly temperatures, precipitation, and degree days, including departures from normal, are summarized in Tables 1 through 6. Figures 1 through 14 use the common units of measurement to illustrate daily maximum and minimum temperatures from the 1988 growing season and the 30 year temperature normals. Also shown in those figures is the daily precipitation (expressed in bar graph form) which was measured in 1988. Daily observations for a number of climatic variables at each location for the period April 1 to October 31 follow on subsequent pages. Monthly means or totals for each type of measurement are shown following the listing for each month. Missing values are noted and may be due to a number of problems related to instrument installation, malfunction, or phone line transmission errors. An asterisk is used following dates when data shown represent manual observations recorded from standard National Weather Service instruments which differed in some way from the standard set of electronic instruments used to make measurements on most dates. Data marked by an asterisk can also differ in the time of observation. At Rosemount and St Paul manual observations were made at 5 pm each day. At Cloquet manual observations were made at 4 pm. All other sites recorded manual observations at 8 am. For dates listed without an asterisk, electronic measurements were made and summarized as means or totals on a midnight to midnight basis. Other discrepancies in the data are explained in the detailed measurement notes on page 4.

This publication is intended to provide researchers with sufficient environmental data to interpret the physical or biological responses which are being researched at each field location. Undoubtedly, there are many other applications of these data. Since the major objective is to provide a data source for university researchers, all measurements are expressed in standard scientific units. For conversion factors to other units of measure, for questions related to data interpretation,

or for access to more detailed hourly data sets, users can call the Minnesota Extension Climatology Office (625-4724).

Acknowledgements: The authors wish to express their appreciation to the personnel of the University of Minnesota who helped to maintain the equipment used and who so diligently collected and edited data with us throughout the year. Special thanks are expressed to the following individuals:

Personnel	Location
Mel Wiens/Shelly Notch/Rosanne Lundeen	Staples
Glenn Titrud/Tony Schenk	Becker
Karen Schuller/Clifford Wilcox/USDA-ARS staff	Rosemount
Vernon Ferch/Brian Anderson/Arielle Balak/ Gyles Randall	Waseca
Tony Strasser/Ramona Creighton/Carol Theis/ Mary Arnoldi/Jim Staricki	Lamberton
Sam Evans/Jean Spohr/George Nelson	Morris
John Lamb/Janet Solheim/Todd Cymbaluk	Crookston
Kay Sargent/Staff of the USDA Forestry Lab	Grand Rapids
Ron Severs/Phyllis Bakka	Cloquet
Climatology Staff of the Soil Science Department	St Paul
Dave Bosanko	Cedar Creek
Steve Lawler/Center for Agricultural Impacts on Water Quality	Haverhill
Joe Spitzmueller/Weed Research Lab	Roseau
USDA-SCS/Center for Agricultural Impacts on Water Quality	Westport

We also wish to acknowledge the generous contributions from the Minnesota Wheat Research and Promotion Council, the Minnesota Soybean Research and Promotion Council, Northern States Power, the Sugarbeet Research and Education Board, and the Minnesota Crop Improvement Association.

MEASUREMENT NOTES

1. Temperature and degree day normals shown in Tables 1-6 were corrected for bias due to time of observation and represent values based on a midnight to midnight observation cycle. They are likely to differ from those published by the National Climatic Data Center.
2. Temperature, degree day, and precipitation normals were derived from records for the 1951 to 1980 period unless otherwise noted.
3. Because of relatively brief record histories at Staples, Becker, St Paul, Lamberton, Cedar Creek, Haverhill, and Westport long-term means from nearby locations, or shorter term means were used in calculating departures from normal.
4. Except for Cloquet, St Paul, and Rosemount, all sites recorded rainfall data at 8 am. These precipitation values were lagged one day in the data listing.
5. Except for St Paul and Cloquet, where pan evaporation was recorded in the late afternoon each day, all sites measured evaporation at 8 am. These data were also lagged one day since the majority of the evaporation occurred on the previous calendar date.
6. Daily evaporation measurements were not always taken at Becker and Staples. For selected periods of 2 or more days total evaporation was equally divided among the number of days between measurements, or daily estimates were made using solar radiation data, temperature data, or other pan evaporation data.
7. Following the last date in each month, a monthly summary is shown for each measurement using means (MN) or totals (TOT). An "M" indicates missing or insufficient data.
8. Periodic missing data generally indicate instrument failure. For dates marked by an asterisk, areal extrapolation from a nearby observation site (usually National Weather Service or Soil and Water Conservation District observers) was used to make an estimate or some of the following sensors were used: air temperatures were measured using a standard mercury and alcohol max/min thermometers; solar radiation was measured using an Eppley pyranometer; and soil temperatures were taken by using either Palmer max/min thermometers or thermocouples.

9. Except for the base 10/30 degree C method, all degree days were calculated in the following manner:
[Tmax + Tmin/2] - B = daily degree days
where B represents a base temperature value of 4.44, 7.22 or 10 degrees C. For the base 10/30 degree C method, minimum temperatures below 10 degrees C and maximum temperatures above 30 degrees C are ignored and reset to 10 and 30, respectively, to calculate daily values. Thus, for a day with a minimum temperature of 8 degrees C and a maximum of 32 degrees C, the daily degree days would be 10
([(30 + 10)/2] - 10).
10. Extraordinary pan evaporation values in excess of 12 mm may be due to measurement error, or splash loss caused by strong winds, intense rainfall, or hail.
11. Due to the surrounding forested environment, the data from Cloquet, Grand Rapids, and Cedar Creek Natural History Center cannot be extrapolated as well over distance as those data from other sites with more homogeneous surroundings.
12. All soil temperatures are under bare soil at a depth of 10 cm.
13. At Cedar Creek, Westport, Roseau, and Haverhill the precipitation measurements were dominately from a Sierra Tipping Bucket rain gauge as opposed to a standard National Weather Service stick gauge.

TABLE 1.

MEAN MONTHLY TEMPERATURE AND DEPARTURE FROM NORMAL
(DEGREES CELSIUS)

	APR	MAY	JUN	JUL	AUG	SEP	OCT
BECKER	7.4	18.2	23.0	24.8	22.3	15.9	5.6
DEP. (1)	+0.2	+4.9	+4.6	+3.8	+2.6	+1.7	-2.7
CEDAR CREEK	6.5	17.2	21.1	23.1	21.3	14.9	4.5
DEP.	+0.1	+3.7	+2.5	+1.9	+1.5	+0.7	-3.9
CLOQUET	3.7	13.2	18.2	21.3	19.0	13.3	3.7
DEP.	+0.2	+3.1	+2.9	+2.7	+1.8	+1.5	-2.6
CROOKSTON	6.4	17.0	22.3	22.0	22.1	14.3	6.1
DEP.	+1.7	+4.8	+4.7	+2.7	+2.5	+0.5	-3.4
GRAND RAPIDS	5.5	15.8	19.6	22.1	19.6	13.4	4.1
DEP.	+1.4	+5.8	+4.4	+3.3	+2.2	+1.5	-2.4
HAVERHILL	7.1	17.3	22.0	23.8	22.9	16.5	5.7
DEP.	+0.1	+3.5	+2.8	+2.3	+2.7	+1.4	-3.6
LAMBERTON	7.8	19.6	23.8	24.0	22.7	17.0	7.0
DEP. (2)	+0.3	+5.1	+3.7	+1.9	+2.1	+1.6	-2.7
MORRIS	7.3	18.5	23.2	24.4	21.9	15.1	5.7
DEP.	+1.0	+5.1	+4.3	+3.2	+1.7	+0.7	-2.5
ROSEAU	4.1	14.3	20.7	20.8	19.9	12.5	3.6
DEP.	+0.9	+3.7	+4.6	+2.1	+2.6	+1.1	-2.1
ROSEMOUNT	7.3	17.5	22.2	24.0	23.2	16.5	5.9
DEP.	+1.8	+4.2	+3.5	+2.7	+3.8	+1.8	-2.9
ST. PAUL	8.8	18.6	23.2	25.0	23.4	17.1	7.1
DEP. (3)	+1.0	+3.9	+3.1	+2.9	+1.9	+1.3	-2.7
STAPLES	6.0	17.4	21.5	22.9	20.1	13.6	4.2
DEP. (4)	+0.8	+5.1	+3.7	+2.5	+0.8	+0.2	-3.2
WASECA	7.3	18.6	23.1	23.9	22.6	16.6	6.0
DEP.	+0.4	+5.1	+3.9	+2.6	+2.6	+1.7	-3.8
WESTPORT	6.1	17.5	22.3	23.0	21.7	15.3	5.2
DEP.	+0.1	+4.3	+3.8	+1.6	+1.5	+0.9	-3.2

(1) DEPARTURE FROM ST. CLOUD NORMALS

(2) DEPARTURE FROM SPRINGFIELD NORMALS

(3) DEPARTURE FROM MINNEAPOLIS/ST. PAUL INTNL. AIRPORT NORMALS

(4) DEPARTURE FROM WADENA NORMALS

(TEMPERATURE NORMALS IN THIS TABLE HAVE BEEN CORRECTED FOR TIME OF OBSERVATION AND MAY THEREFORE DIFFER FROM THOSE PUBLISHED BY THE NATIONAL CLIMATIC CENTER.)

TABLE 2.

TOTAL MONTHLY PRECIPITATION AND DEPARTURE FROM NORMAL
(MILLIMETERS)

	APR	MAY	JUN	JUL	AUG	SEP	OCT
BECKER DEP. (1)	18.79 -34.04	74.42 -18.04	2.54 -109.47	29.72 -64.26	112.01 +0.76	74.42 +1.01	16.76 -33.02
CEDAR CREEK DEP.	21.59 -31.24	72.13 -20.33	0.25 -111.76	86.87 -7.11	126.24 +14.99	98.28 +24.87	19.29 -30.49
CLOQUET DEP.	3.80 -49.03	126.23 +39.62	63.24 -40.90	25.90 -85.10	188.97 +86.35	150.61 +66.54	23.88 -32.00
CROOKSTON DEP.	0.00 -35.31	40.90 -14.98	38.60 -53.09	46.73 -33.79	39.62 -37.60	75.95 +16.77	17.02 -18.29
GRAND RAPIDS DEP.	6.85 -43.70	28.22 -52.04	73.90 -22.37	42.17 -62.48	252.25 +166.40	150.38 +74.43	21.34 -29.97
HAVERHILL DEP.	56.38 -8.90	56.38 -34.55	42.94 -63.25	47.49 -49.54	73.66 -21.34	143.25 +68.07	19.04 -34.55
LAMBERTON DEP. (2)	67.07 +3.32	38.10 -43.43	19.55 -66.81	21.34 -74.44	112.52 +48.26	78.22 +7.35	0.76 -58.17
MORRIS DEP.	14.48 -47.75	43.43 -44.97	12.44 -86.87	46.47 -37.10	117.60 +38.10	116.33 +67.82	11.69 -35.30
ROSEAU DEP.	0.00 -33.27	55.62 -1.78	62.48 -21.59	5.07 -83.07	30.49 -48.50	56.82 -8.97	2.97 -28.78
ROSEMOUNT DEP.	46.22 -16.26	81.54 -12.19	2.79 -118.37	59.18 -31.75	127.76 +18.79	98.54 +18.02	23.12 -33.27
ST. PAUL DEP. (3)	35.90 -25.83	55.40 -35.79	4.20 -107.30	54.70 -36.23	140.80 +43.52	86.40 +8.93	19.60 -41.61
STAPLES DEP. (4)	10.14 -52.85	40.64 -35.81	40.65 -71.11	78.49 -22.60	133.86 +46.48	92.19 +29.20	20.58 -25.14
WASECA DEP.	61.73 -5.33	50.54 -44.96	34.29 -79.50	15.49 -86.62	102.10 +0.50	127.24 +41.90	8.13 -44.96
WESTPORT DEP.	13.72 -41.65	36.58 -37.59	9.65 -93.73	23.88 -53.34	94.99 +3.55	100.31 +42.65	22.35 -25.66

- (1) DEPARTURE FROM ELK RIVER NORMALS
(2) DEPARTURE FROM 1960 - 1982 AVERAGE
(3) DEPARTURE FROM 1961 - 1980 AVERAGE
(4) DEPARTURE FROM WADENA NORMALS

TABLE 3.

TOTAL DEGREE DAYS (BASE 4.44) AND DEPARTURE FROM NORMAL
(DEGREES CELSIUS)

	APR	MAY	JUN	JUL	AUG	SEP	OCT
BECKER DEP. (1)	99 +1	427 +153	558 +141	631 +118	553 +83	343 +53	79 -65
CEDAR DEP.	82 -19	393 +113	499 +76	578 +58	522 +47	315 +22	60 -88
CLOQUET DEP.	26 -23	271 +89	412 +85	522 +83	451 +54	265 +43	58 -41
CROOKSTON DEP.	93 +17	390 +146	536 +143	576 +84	546 +81	295 +23	87 -35
GRAND RAPIDS DEP.	61 0	353 +141	456 +104	547 +101	470 +70	270 +46	64 -40
HAVERHILL DEP.	96 -16	400 +108	527 +84	601 +72	571 +82	361 +41	83 -87
LAMBERTON DEP. (2)	112 -6	469 +158	580 +111	607 +62	565 +65	377 +43	106 -70
MORRIS DEP.	98 -5	437 +157	564 +132	619 +98	541 +54	319 +20	80 -61
ROSEAU DEP.	51 -8	306 +103	487 +138	506 +65	480 +83	241 +29	61 -34
ROSEMOUNT DEP.	98 -4	405 +127	532 +103	607 +86	581 +104	361 +56	82 -76
ST. PAUL DEP. (3)	133 +1	439 +119	562 +94	638 +68	587 +60	379 +39	112 -69
STAPLES DEP. (4)	79 0	401 +152	510 +110	573 +79	486 +26	275 +9	64 -61
WASECA DEP.	100 -3	440 +147	559 +117	603 +80	562 +83	364 +51	84 -76
WESTPORT DEP.	75 -18	403 +130	535 +113	575 +51	535 +48	327 +29	77 -70

(1) DEPARTURE FROM ST. CLOUD NORMALS

(2) DEPARTURE FROM SPRINGFIELD NORMALS

(3) DEPARTURE FROM MINNEAPOLIS/ST. PAUL INTNL. AIRPORT NORMALS

(4) DEPARTURE FROM WADENA NORMALS

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TABLE 4.

TOTAL DEGREE DAYS (BASE 7.22) AND DEPARTURE FROM NORMAL
(DEGREES CELSIUS)

	APR	MAY	JUN	JUL	AUG	SEP	OCT
BECKER	49	341	474	545	466	259	43
DEP. (1)	-5	+147	+141	+118	+82	+51	-43
CEDAR CREEK	36	308	415	492	436	231	31
DEP.	-21	+109	+75	+58	+47	+20	-60
CLOQUET	6	186	328	435	365	182	30
DEP.	-14	+74	+85	+82	+54	+40	-23
CROOKSTON	52	303	453	490	460	213	49
DEP.	+11	+135	+142	+84	+81	+21	-24
GRAND RAPIDS	29	267	373	461	384	187	34
DEP.	-1	+126	+104	+101	+70	+42	-24
HAVERHILL	49	314	444	515	485	277	44
DEP.	-15	+103	+84	+72	+82	+40	-65
LAMBERTON	62	383	497	521	479	293	58
DEP. (2)	-3	+156	+111	+62	+65	+43	-53
MORRIS	51	351	481	533	455	236	42
DEP.	-8	+150	+132	+99	+54	+19	-43
ROSEAU	21	225	404	420	394	158	33
DEP.	-9	+91	+138	+65	+83	+21	-20
ROSEMOUNT	47	319	449	521	495	278	44
DEP.	-11	+121	+104	+86	+104	+56	-55
ST. PAUL	72	353	479	552	501	295	63
DEP. (3)	-8	+116	+94	+68	+60	+38	-53
STAPLES	42	315	427	487	400	192	34
DEP. (4)	+1	+145	+111	+80	+26	+6	-39
WASECA	49	353	476	517	476	281	45
DEP.	-6	+143	+117	+80	+83	+50	-54
WESTPORT	36	317	452	489	448	243	42
DEP.	-15	+125	+114	+51	+47	+28	-47

(1) DEPARTURE FROM ST. CLOUD NORMALS

(2) DEPARTURE FROM SPRINGFIELD NORMALS

(3) DEPARTURE FROM MINNEAPOLIS/ST. PAUL INTNL. AIRPORT NORMALS

(4) DEPARTURE FROM WADENA NORMALS

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TABLE 5.

TOTAL DEGREE DAYS (BASE 10) AND DEPARTURE FROM NORMAL
(DEGREES CELSIUS)

	APR	MAY	JUN	JUL	AUG	SEP	OCT
BECKER	22	255	391	459	380	178	17
DEP. (1)	-4	+132	+140	+118	+82	+46	-28
CEDAR CREEK	18	227	332	406	349	150	12
DEP.	-9	+100	+75	+58	+46	+11	-37
CLOQUET	0	112	247	349	279	102	12
DEP.	-6	+53	+86	+82	+54	+26	-12
CROOKSTON	24	221	369	403	374	136	25
DEP.	+6	+117	+142	+83	+82	+16	-12
GRAND RAPIDS	12	185	289	375	298	107	16
DEP.	0	+102	+102	+101	+70	+28	-10
HAYERHILL	22	231	360	429	399	195	21
DEP.	-9	+92	+83	+73	+82	+39	-41
LAMBERTON	34	297	414	435	393	210	28
DEP. (2)	+4	+148	+111	+90	+91	+77	-36
MORRIS	25	266	397	447	368	157	18
DEP.	-4	+136	+131	+99	+52	+15	-27
ROSEAU	3	152	320	334	307	87	15
DEP.	-9	+72	+136	+65	+81	+11	-10
ROSEMOUNT	20	234	365	435	408	195	21
DEP.	-7	+107	+103	+87	+103	+54	-34
ST. PAUL	35	268	396	466	415	213	32
DEP. (3)	-7	+107	+94	+68	+60	-2	-67
STAPLES	19	230	344	401	314	114	12
DEP. (4)	-3	+125	+111	+80	+26	0	-26
WASECA	23	268	393	431	390	198	20
DEP.	-1	+134	+117	+80	+82	+48	-34
WESTPORT	16	232	367	403	362	162	16
DEP.	-7	+110	+114	+51	+47	+24	-31

- (1) DEPARTURE FROM ST. CLOUD NORMALS
(2) DEPARTURE FROM SPRINGFIELD NORMALS
(3) DEPARTURE FROM MINNEAPOLIS/ST. PAUL INTNL. AIRPORT NORMALS
(4) DEPARTURE FROM WADENA NORMALS

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TABLE 6.

TOTAL DEGREE DAYS (BASE 10/30) AND DEPARTURE FROM NORMAL
(DEGREES CELSIUS)

	APR	MAY	JUN	JUL	AUG	SEP	OCT
BECKER DEP. (1)	83 +32	283 +131	363 +107	412 +73	363 +64	200 +41	57 -18
CEDAR CREEK DEP.	84 +32	273 +117	319 +58	365 +22	339 +35	193 +32	58 -20
CLOQUET DEP.	45 +21	199 +105	257 +75	330 +60	279 +45	149 +35	42 -9
CROOKSTON DEP.	77 +38	251 +116	351 +115	368 +48	361 +67	169 +19	57 -8
GRAND RAPIDS DEP.	57 +25	236 +122	292 +90	353 +77	295 +58	148 +31	45 -9
HAVERHILL DEP.	65 +7	254 +89	346 +67	398 +46	375 +59	217 +39	55 -37
LAMBERTON DEP. (2)	86 +27	305 +129	375 +72	396 +28	378 +52	230 +41	74 -20
MORRIS DEP.	91 +38	284 +126	363 +93	402 +56	353 +38	184 +16	56 -17
ROSEAU DEP.	54 +24	210 +100	310 +109	320 +49	306 +67	130 +18	46 -3
ROSEMOUNT DEP.	75 +22	262 +106	341 +75	319 +15	381 +76	216 +47	56 -26
ST. PAUL DEP. (3)	92 +23	285 +101	371 +69	424 +37	389 +40	232 +35	69 -28
STAPLES DEP. (4)	72 +32	265 +129	330 +89	369 +49	317 +27	157 +12	51 -14
WASECA DEP.	72 +20	282 +119	361 +84	386 +47	373 +65	225 +51	59 -26
WESTPORT DEP.	73 +25	261 +110	347 +87	370 +22	348 +34	201 +36	57 -20

- (1) DEPARTURE FROM ST. CLOUD NORMALS
(2) DEPARTURE FROM SPRINGFIELD NORMALS
(3) DEPARTURE FROM MINNEAPOLIS/ST. PAUL INTNL. AIRPORT NORMALS
(4) DEPARTURE FROM WADENA NORMALS

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FIGURE 1
BECKER 1988

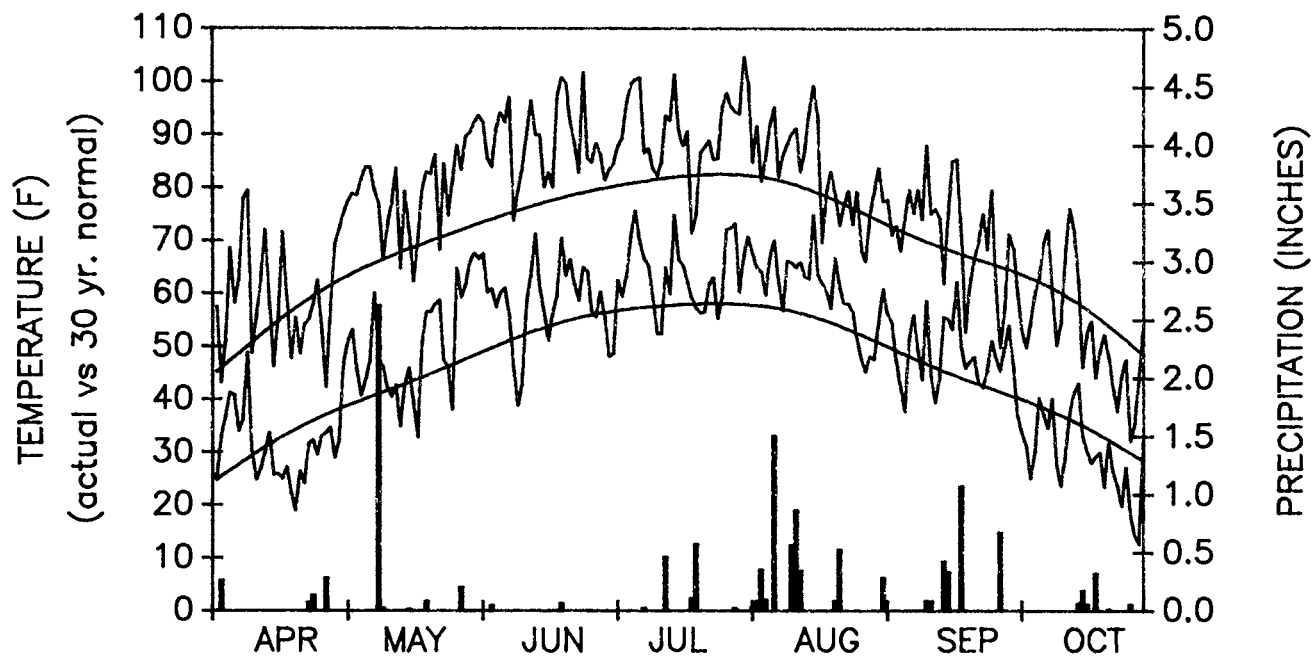


FIGURE 2
CEDAR CREEK 1988

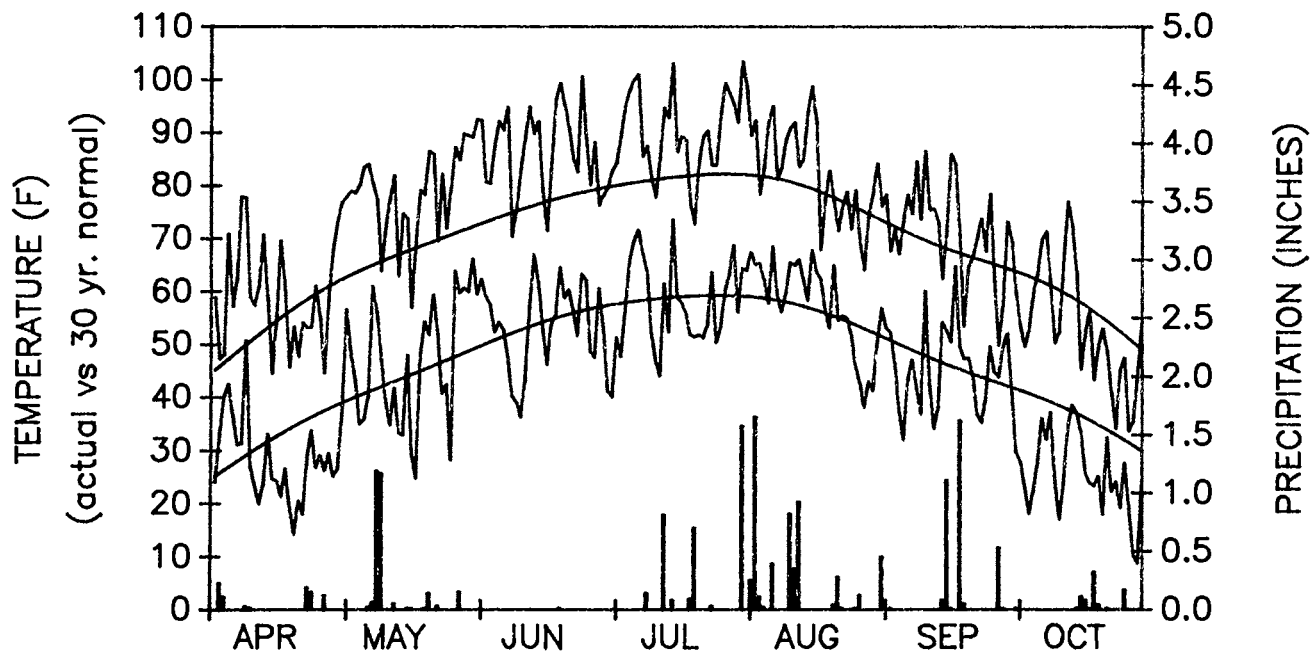


FIGURE 3
CLOQUET 1988

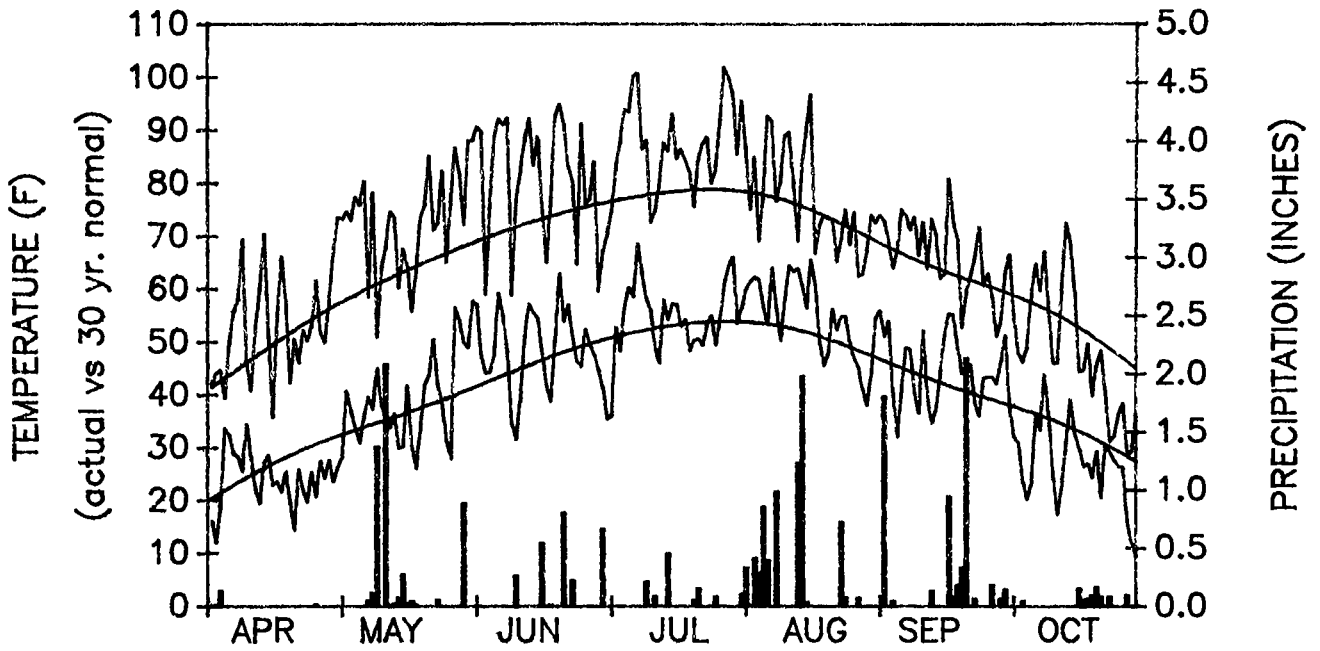


FIGURE 4
CROOKSTON 1988

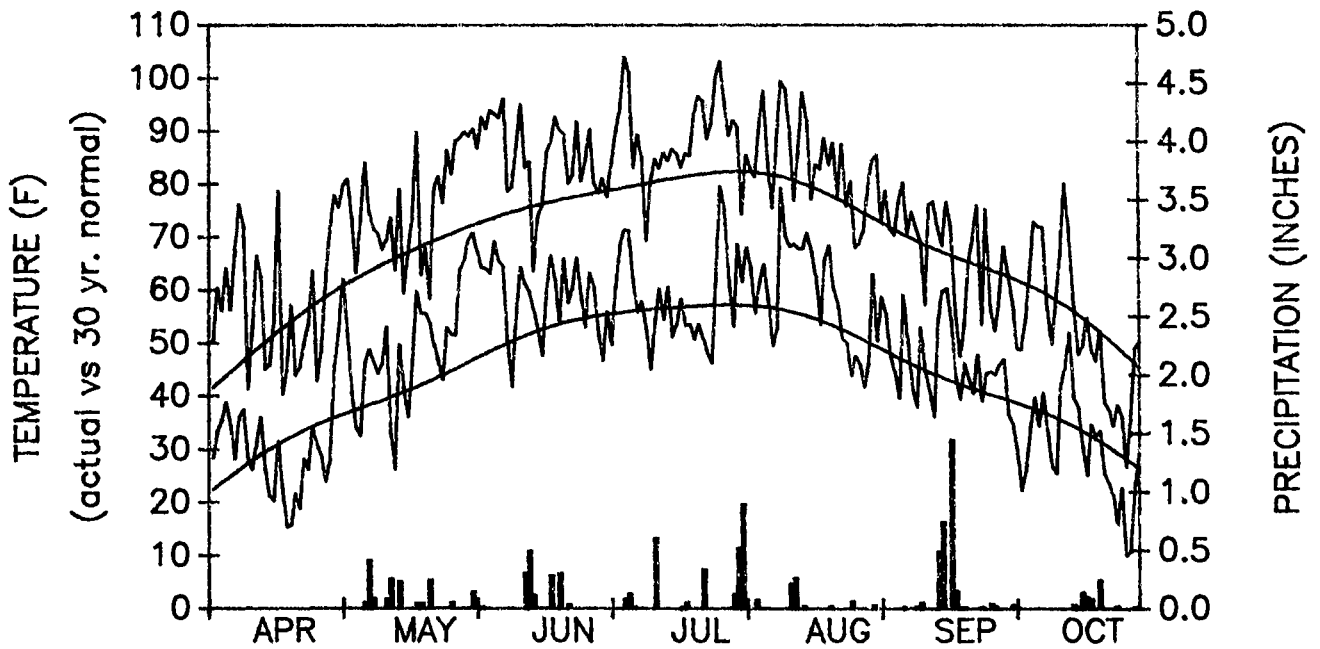


FIGURE 5
GRAND RAPIDS

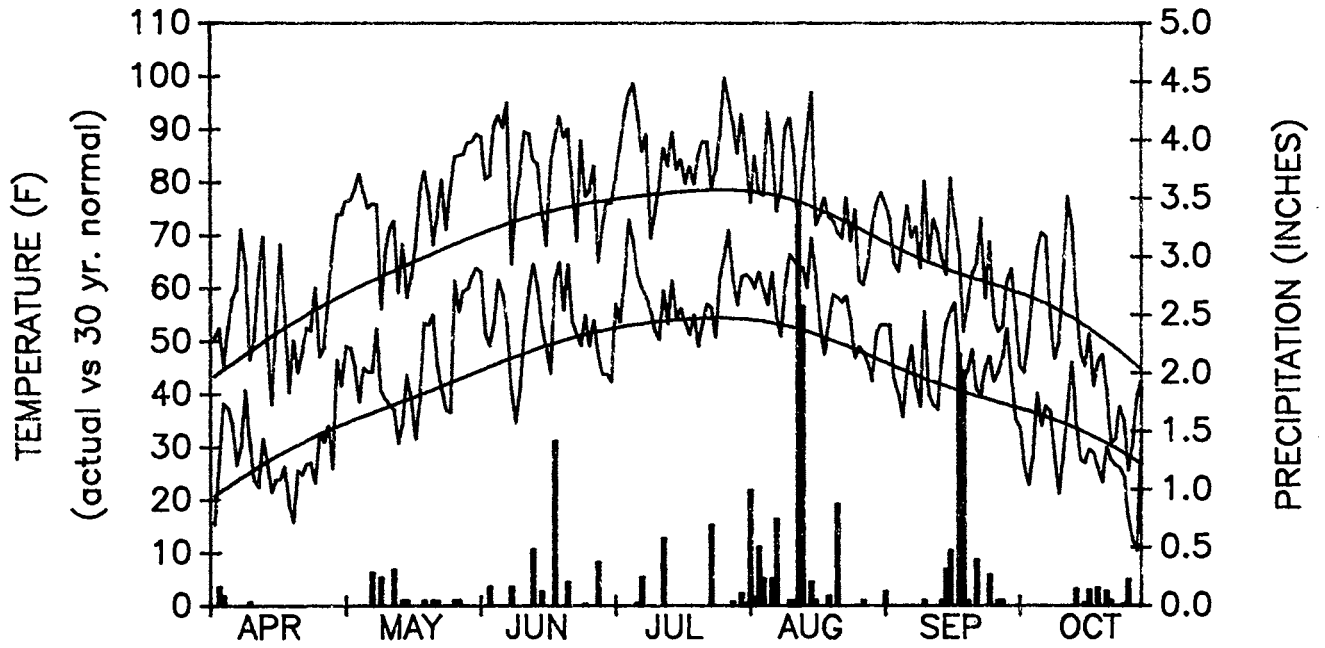


FIGURE 6
HAVERHILL

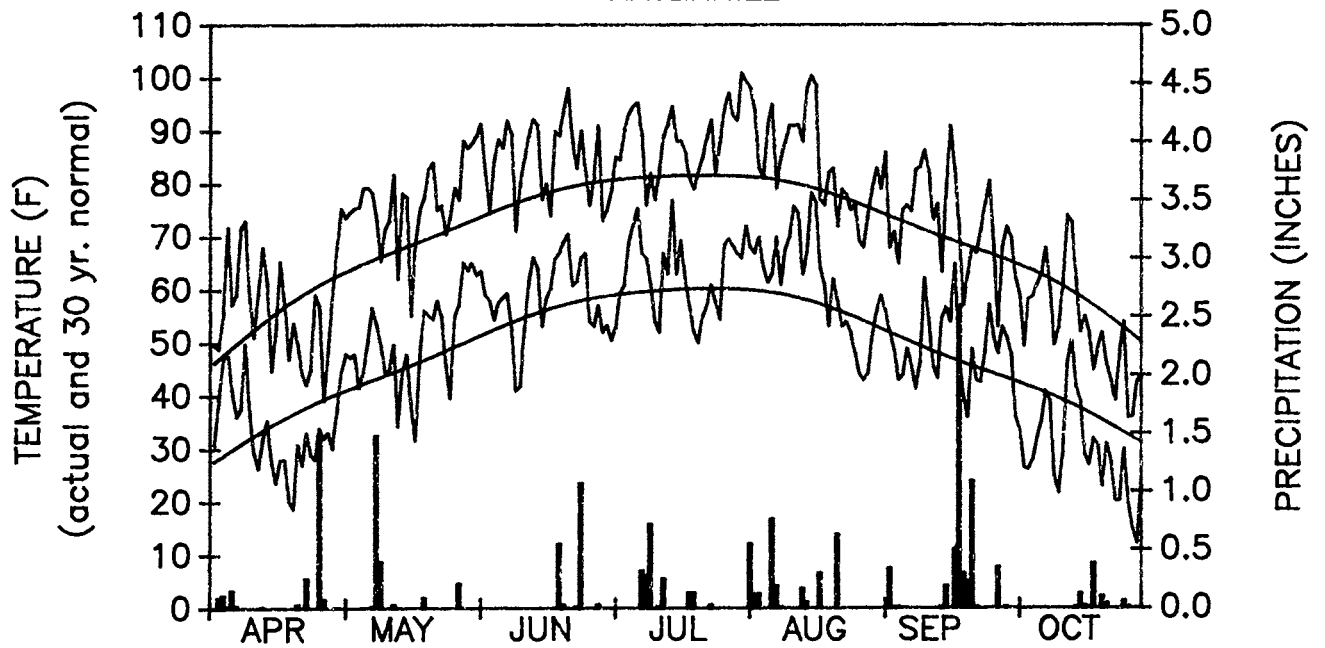


FIGURE 7
LAMBERTON 1988

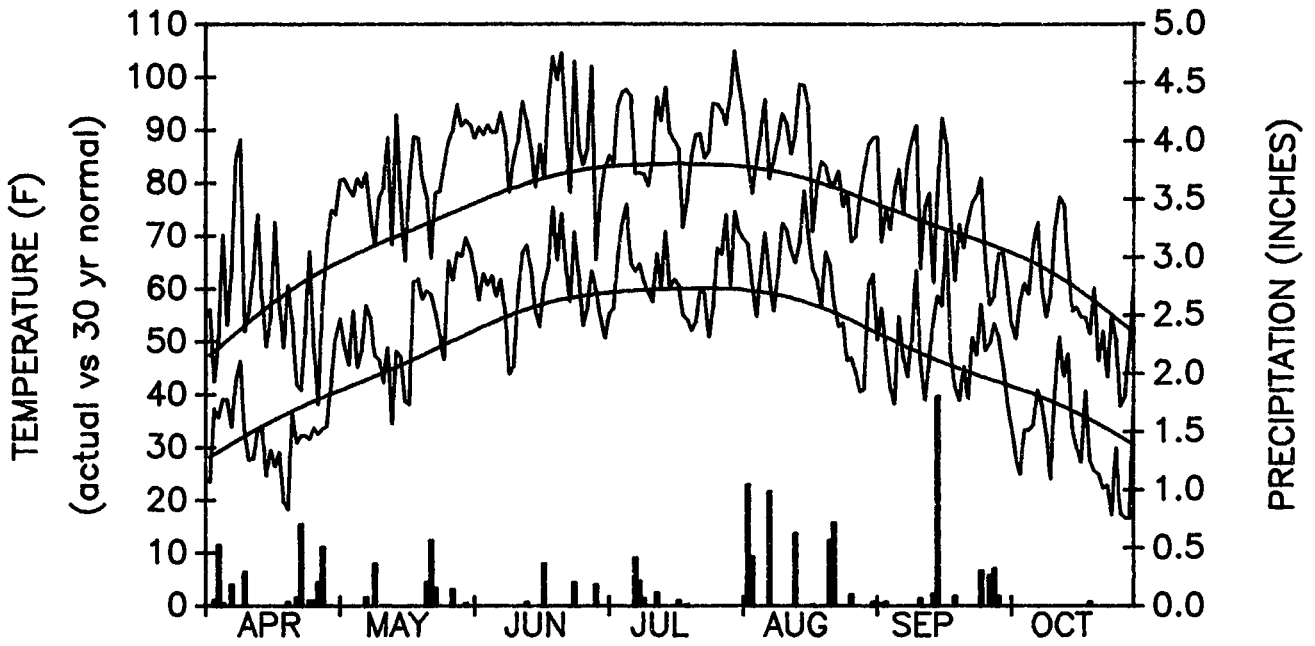


FIGURE 8
MORRIS 1988

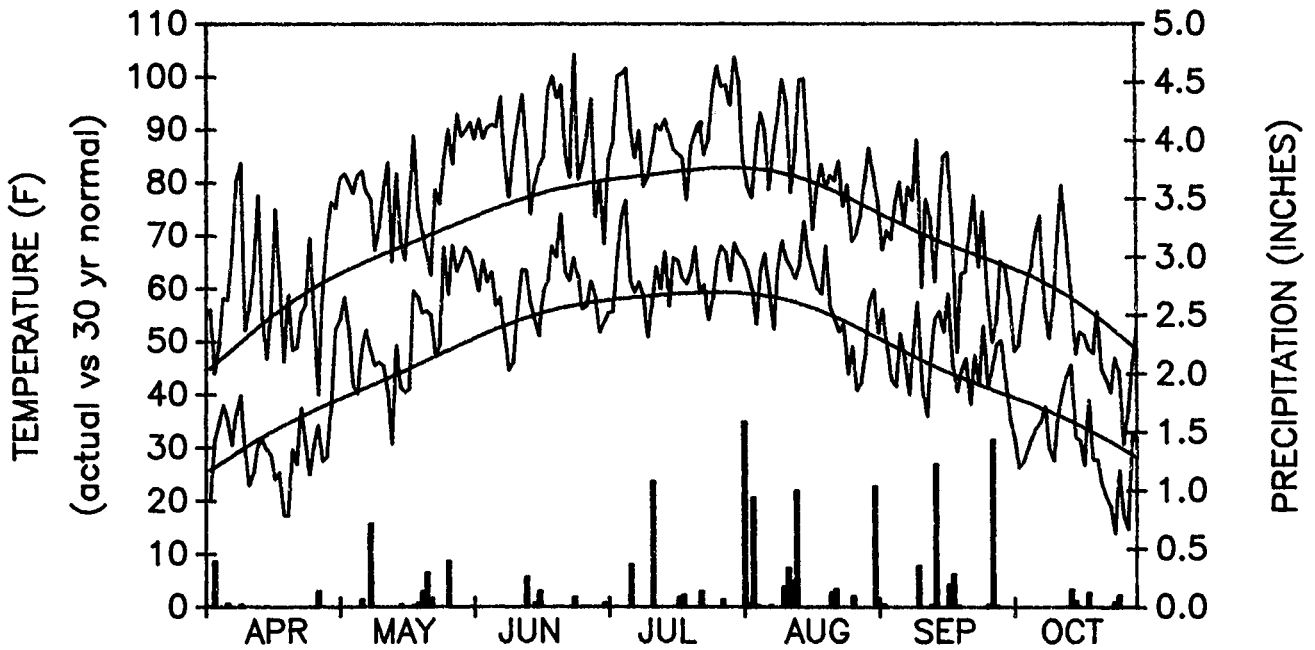


FIGURE 9
ROSEAU 1988

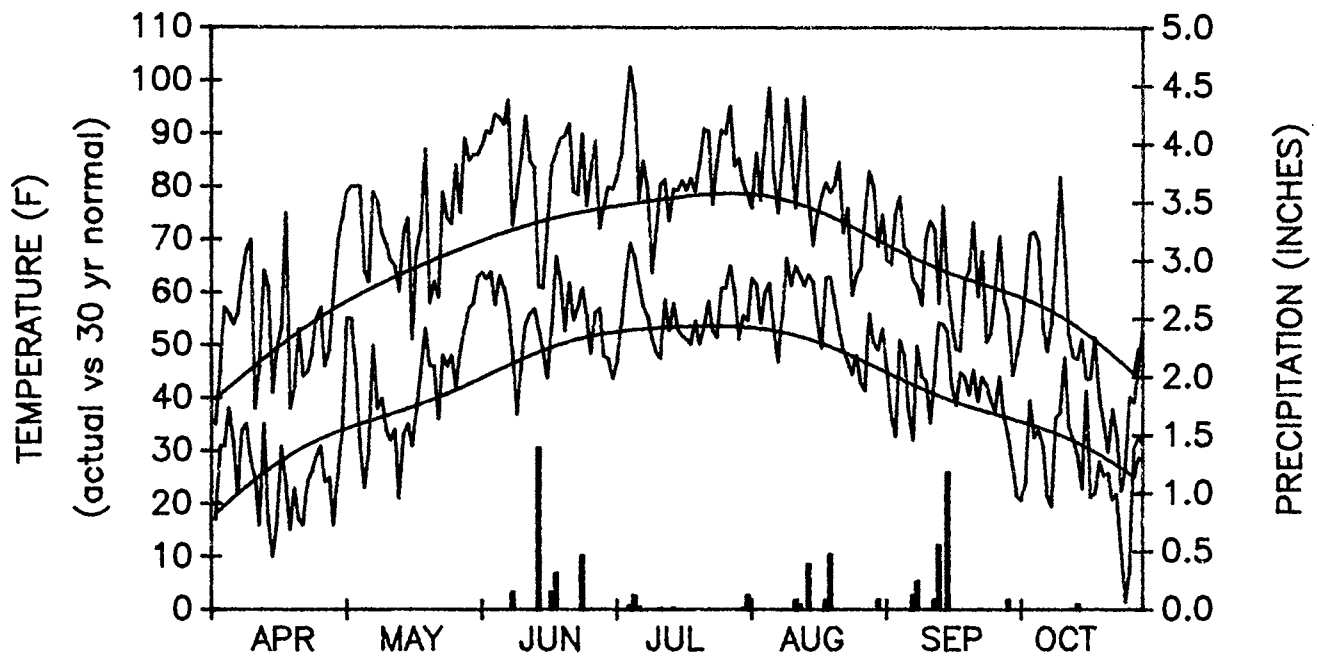


FIGURE 10
ROSEMOUNT 1988

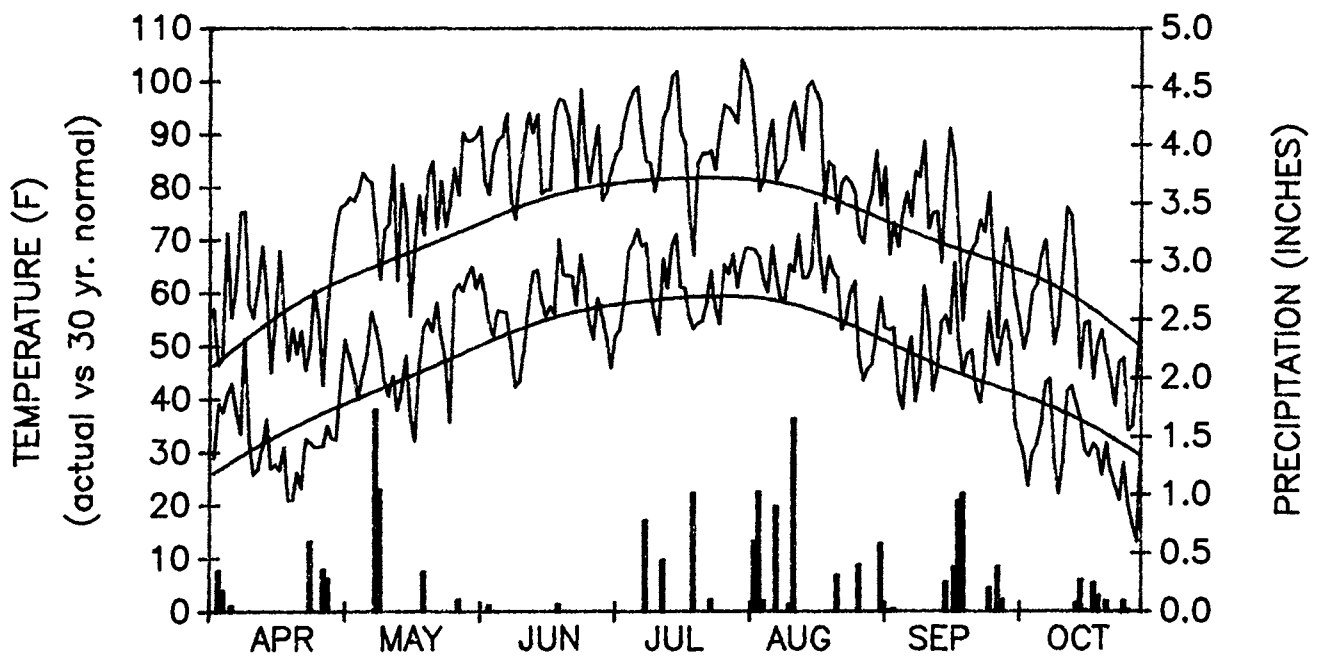


FIGURE 11
ST. PAUL 1988

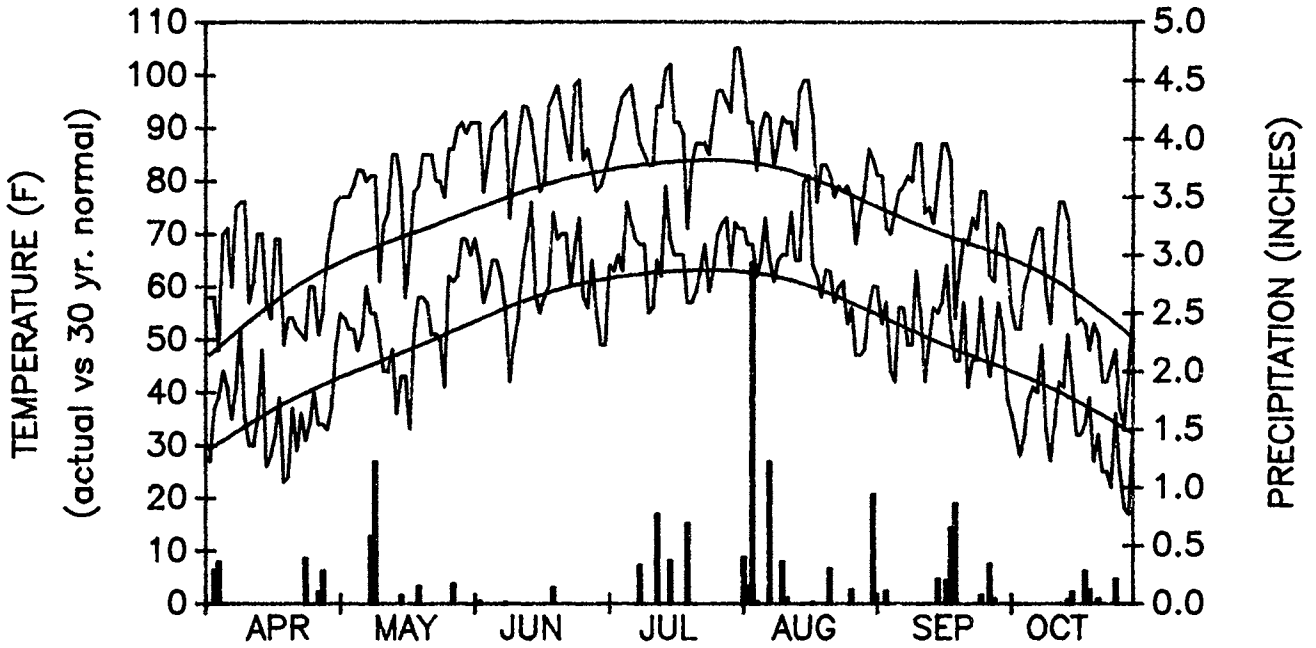


FIGURE 12
STAPLES 1988

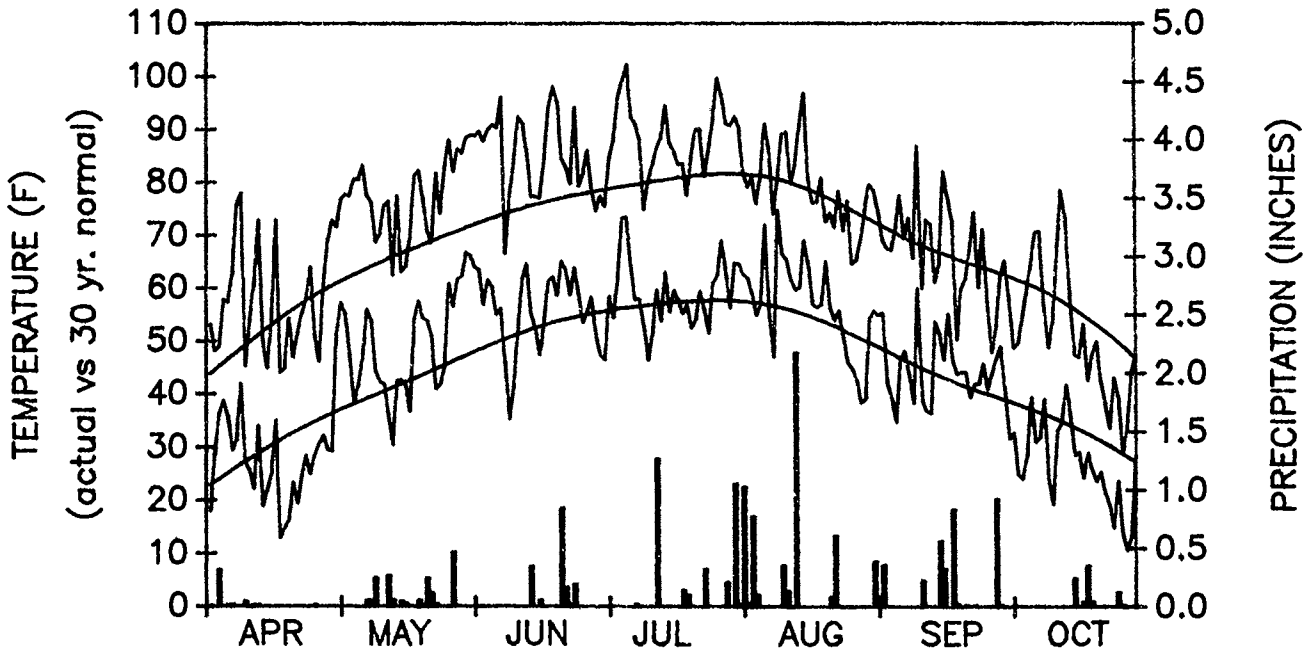


FIGURE 13
WASECA 1988

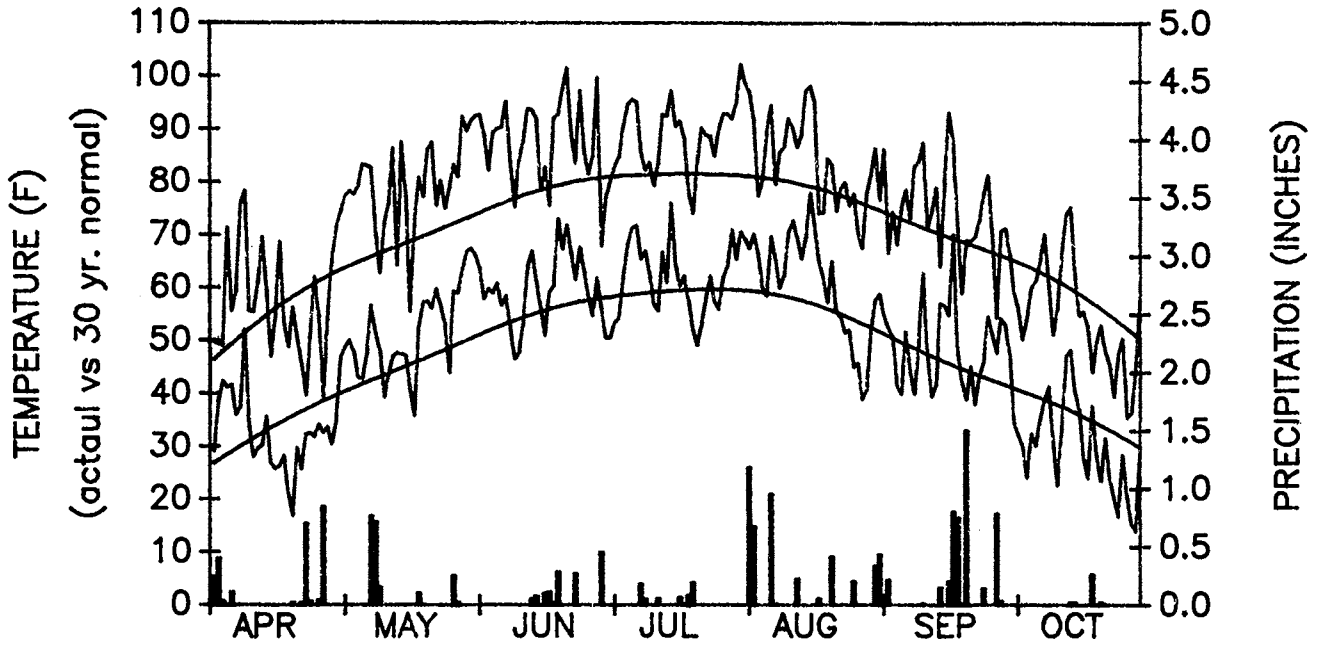
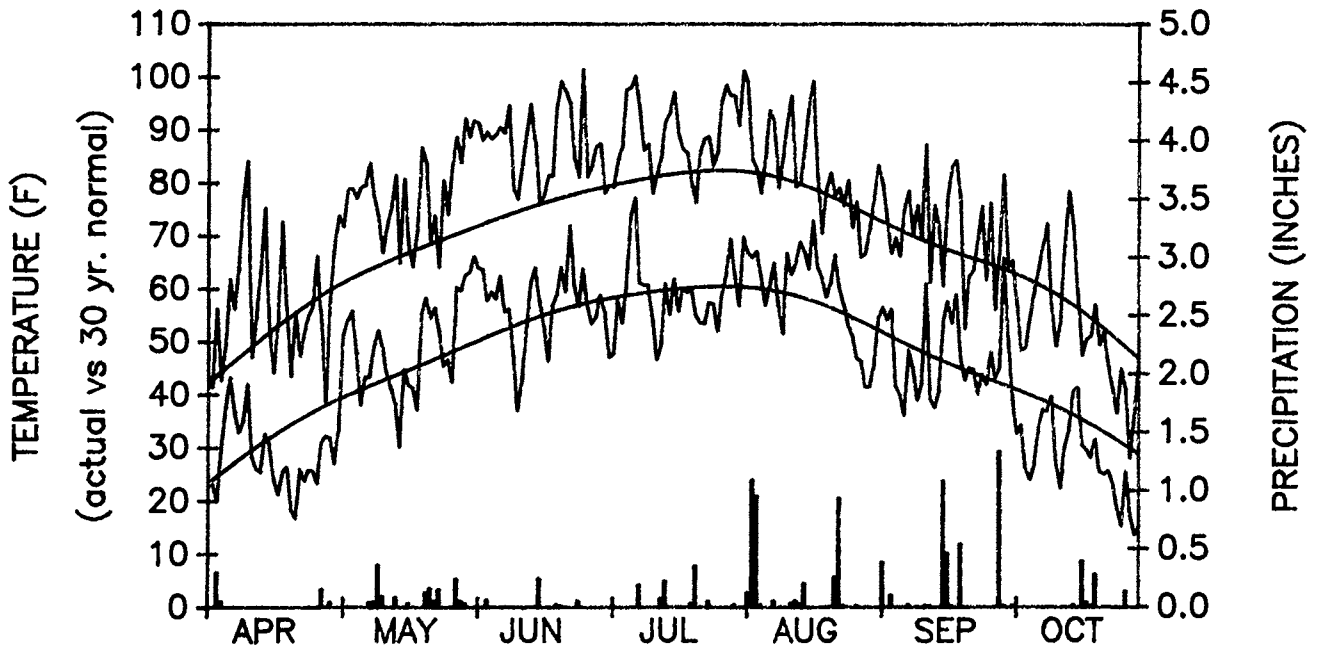


FIGURE 14
WESTPORT



BECKER

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE	ACCM D.D. BASE
4-1-88	14.1	-3.8	0.00	M	5.74	79	1.0	9.3	-0.3	M	M	M	0	2
4-2-88	6.2	0.5	6.60	M	1.04	46	1.9	4.3	1.6	M	M	M	0	2
4-3-88	10.6	2.6	0.00	M	2.00	324	1.3	7.4	2.8	M	M	M	0	2
4-4-88	20.3	5.1	0.00	M	5.07	187	2.5	13.6	4.8	M	M	M	3	8
4-5-88	14.6	4.9	0.00	M	1.72	342	2.5	8.7	5.1	M	M	M	3	10
4-6-88	16.9	1.1	0.00	M	6.46	322	2.4	12.9	2.4	M	M	M	3	13
4-7-88	25.4	2.3	0.00	M	6.18	152	2.1	15.9	4.0	M	M	M	7	21
4-8-88	26.3	9.3	0.00	M	5.66	167	5.7	16.4	8.6	M	M	M	14	29
4-9-88	9.3	-1.0	0.00	M	3.08	326	3.5	12.2	5.8	M	M	M	14	29
4-10-88	13.0	-4.0	0.00	M	4.66	303	1.4	10.5	2.9	M	M	M	14	31
4-11-88	16.9	-2.9	0.00	M	6.81	348	0.7	14.1	2.6	M	M	M	14	34
4-12-88	22.2	-1.2	0.00	M	6.56	227	1.7	15.4	4.6	M	M	M	15	40
4-13-88	14.4	0.9	0.00	M	5.68	334	3.5	14.3	8.1	M	M	M	15	42
4-14-88	7.9	-3.5	0.00	M	6.42	344	3.8	11.5	4.5	M	M	M	15	42
4-15-88	13.1	-3.4	0.00	M	6.91	341	2.1	12.9	3.7	M	M	M	15	44
4-16-88	22.0	-3.9	0.00	M	6.83	216	3.9	14.2	4.1	M	M	M	15	50
4-17-88	14.8	-2.7	0.00	M	4.56	339	4.6	11.7	6.3	M	M	M	15	52
4-18-88	8.7	-5.5	0.00	M	7.20	332	2.7	11.5	3.2	M	M	M	15	52
4-19-88	13.0	-7.3	0.00	M	7.20	290	1.7	12.3	2.6	M	M	M	15	54
4-20-88	9.2	-3.1	0.00	M	7.11	359	3.2	12.5	5.8	M	M	M	15	54
4-21-88	12.3	-4.4	0.00	M	4.46	346	1.6	11.2	4.3	M	M	M	15	55
4-22-88	12.8	-0.2	1.78	M	3.06	90	2.1	9.8	5.3	M	M	M	15	56
4-23-88	14.3	0.1	3.30	M	7.16	5	3.2	14.4	3.9	M	M	M	15	58
4-24-88	16.9	-1.4	0.00	M	6.66	196	2.6	15.2	4.2	M	M	M	15	62
4-25-88	11.6	0.6	0.00	M	5.16	319	2.6	12.8	6.7	M	M	M	15	63
4-26-88	5.7	0.9	7.11	M	1.39	9	2.6	7.8	4.8	M	M	M	15	63
4-27-88	14.2	1.5	0.00	M	5.09	334	2.5	11.6	3.7	M	M	M	15	65
4-28-88	20.7	-1.7	0.00	5.08	7.56	308	1.2	16.7	3.5	M	M	M	15	70
4-29-88	22.3	0.1	0.00	6.35	7.58	190	1.2	18.6	6.1	M	M	M	16	76
4-30-88	24.0	8.3	0.00	7.62	4.18	178	2.6	17.4	9.7	M	M	M	22	83
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	15.1	-0.4	18.79	M	5.31	245	2.5	12.6	4.5	M	M	M	22	83
5-1-88	25.3	10.6	0.00	7.62	6.23	161	3.7	18.6	10.6	M	M	M	30	91
5-2-88	26.0	11.7	0.00	10.41	7.08	153	3.4	20.0	11.4	M	M	M	39	100
5-3-88	25.9	7.5	0.00	6.10	7.65	141	1.9	21.1	11.3	M	M	M	46	108
5-4-88	27.5	4.8	0.00	7.87	7.77	350	1.7	21.9	11.7	M	M	M	52	117
5-5-88	28.8	6.4	0.00	6.86	7.65	307	1.2	22.4	12.0	M	M	M	59	126
5-6-88	28.8	8.4	0.00	M	6.27	159	3.3	21.1	13.3	M	M	M	68	136
5-7-88	26.4	15.6	0.00	M	4.23	166	5.1	19.7	15.1	M	M	M	79	146
5-8-88	24.9	8.7	66.55	M	3.64	167	3.1	20.2	9.1	M	M	M	86	154
5-9-88	19.1	7.8	0.51	2.54	3.15	322	3.4	15.4	10.9	M	M	M	89	159
5-10-88	22.8	5.6	0.00	5.84	7.24	343	2.0	21.1	8.7	M	M	M	93	165
5-11-88	24.9	4.7	0.00	5.59	6.16	280	2.3	22.3	10.1	M	M	M	98	172
5-12-88	28.7	5.9	0.00	5.08	5.66	330	3.1	23.8	12.1	M	M	M	106	182
5-13-88	18.2	1.6	0.00	5.33	8.01	356	2.1	23.3	9.7	M	M	M	106	186
5-14-88	26.2	5.8	0.00	5.33	4.15	171	3.2	19.6	11.5	M	M	M	112	194
5-15-88	22.0	7.7	0.25	5.33	4.72	292	4.3	18.5	13.3	M	M	M	116	200
5-16-88	16.8	4.2	0.00	3.30	5.27	359	2.3	20.2	11.2	M	M	M	117	203
5-17-88	21.1	0.4	0.00	7.11	8.15	137	1.7	22.9	9.0	M	M	M	118	209
5-18-88	26.4	10.3	0.00	8.13	6.96	155	3.5	24.2	12.9	M	M	M	126	217
5-19-88	28.3	13.6	2.03	6.10	6.35	158	2.6	26.3	15.6	M	M	M	137	228
5-20-88	28.1	13.6	0.00	5.84	5.36	7	1.2	25.9	15.8	M	M	M	148	239
5-21-88	30.1	14.4	0.00	5.84	7.05	61	2.3	28.4	16.9	M	M	M	160	251
5-22-88	20.1	14.8	0.00	5.84	2.77	30	3.2	21.1	17.7	M	M	M	167	259
5-23-88	29.1	8.5	0.00	8.89	8.22	18	2.5	27.3	14.3	M	M	M	176	268
5-24-88	23.7	7.8	0.00	7.62	8.22	51	2.1	26.6	15.7	M	M	M	182	275
5-25-88	27.3	3.3	0.00	9.40	8.08	186	3.4	26.3	14.2	M	M	M	187	284
5-26-88	31.1	18.2	0.00	8.89	7.60	210	4.2	28.5	18.4	M	M	M	202	298
5-27-88	28.5	15.1	5.08	7.37	7.90	187	2.6	30.5	18.7	M	M	M	214	310
5-28-88	32.0	16.4	0.00	7.37	6.60	165	2.3	31.6	19.0	M	M	M	228	323
5-29-88	32.4	18.9	0.00	7.37	6.52	181	3.8	30.3	20.1	M	M	M	244	337
5-30-88	33.5	19.8	0.00	7.37	7.07	175	3.7	30.5	21.1	M	M	M	260	352
5-31-88	34.2	19.2	0.00	9.91	7.75	178	3.2	31.6	21.4	M	M	M	277	367
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	26.4	10.0	74.42	M	6.43	192	2.8	23.9	14.0	M	M	M	255	284

BECKER

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030
6-1-88	33.5	19.7	0.00	8.13	7.11	188	2.2	31.4	22.4	M	M	M	293	382
6-2-88	29.7	15.7	0.00	7.11	6.25	85	1.7	29.8	21.9	M	M	M	306	394
6-3-88	28.8	16.0	1.02	7.87	5.51	110	1.3	28.6	21.8	M	M	M	319	407
6-4-88	32.9	14.1	0.00	7.87	7.64	160	1.5	31.3	20.1	M	M	M	332	419
6-5-88	34.5	15.6	0.00	7.62	8.35	187	1.9	32.3	21.2	M	M	M	347	432
6-6-88	33.5	16.1	0.00	9.91	8.47	201	2.6	31.6	22.1	M	M	M	362	445
6-7-88	36.1	13.3	0.00	9.65	8.37	186	1.7	32.3	21.9	M	M	M	377	456
6-8-88	23.2	7.8	0.00	7.11	6.21	43	3.1	26.7	21.2	M	M	M	382	463
6-9-88	26.4	3.7	0.00	6.86	8.84	78	1.4	28.5	17.3	M	M	M	387	471
6-10-88	28.6	6.0	0.00	10.16	8.53	183	2.0	28.9	18.3	M	M	M	394	480
6-11-88	32.2	14.6	0.00	10.41	8.13	191	3.9	29.2	20.2	M	M	M	408	493
6-12-88	35.7	17.5	0.00	10.41	7.60	183	4.0	30.4	21.5	M	M	M	424	506
6-13-88	32.2	21.8	0.00	6.60	5.63	195	2.6	29.8	23.6	M	M	M	441	522
6-14-88	32.2	16.1	0.00	9.65	6.98	233	3.8	30.1	23.7	M	M	M	456	535
6-15-88	26.7	13.6	0.00	7.37	6.68	314	2.2	28.2	21.4	M	M	M	466	546
6-16-88	28.2	10.6	0.00	8.38	8.30	42	1.7	29.8	20.1	M	M	M	475	555
6-17-88	26.7	13.4	0.00	7.62	6.94	172	3.1	27.5	20.9	M	M	M	485	565
6-18-88	36.1	15.3	0.00	10.67	7.06	184	4.1	31.1	18.6	M	M	M	501	578
6-19-88	38.2	21.4	1.52	10.67	7.76	226	3.0	34.4	22.6	M	M	M	521	593
6-20-88	37.7	17.4	0.00	10.41	8.71	40	1.4	36.6	22.2	M	M	M	538	607
6-21-88	33.6	19.1	0.00	5.84	4.26	106	2.1	31.1	24.2	M	M	M	554	622
6-22-88	31.3	16.5	0.00	11.18	7.77	3	3.0	33.1	23.7	M	M	M	568	635
6-23-88	28.2	14.8	0.00	8.13	4.17	153	2.0	25.6	21.3	M	M	M	580	646
6-24-88	38.7	18.3	0.00	10.16	7.92	202	3.9	34.3	19.9	M	M	M	598	660
6-25-88	29.7	17.9	0.00	10.16	8.56	350	3.7	34.1	23.7	M	M	M	612	674
6-26-88	29.3	13.6	0.00	9.91	8.34	32	1.7	34.2	21.4	M	M	M	624	686
6-27-88	31.3	13.1	0.00	10.16	8.33	178	2.2	34.6	21.9	M	M	M	636	697
6-28-88	30.2	15.7	0.00	8.89	6.87	93	3.2	33.9	23.8	M	M	M	649	710
6-29-88	27.4	13.1	0.00	8.38	6.70	72	2.8	31.5	22.3	M	M	M	659	720
6-30-88	28.5	8.9	0.00	9.14	8.52	84	2.1	32.2	20.1	M	M	M	668	729
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	31.4	14.7	2.54	266.43	7.35	149	2.5	31.1	21.5	M	M	M	391	362
7-1-88	29.2	9.2	0.00	6.60	7.38	89	1.7	31.6	20.8	M	M	M	677	739
7-2-88	31.0	16.9	0.00	8.13	6.69	227	1.9	31.6	23.1	M	M	M	691	753
7-3-88	31.8	15.2	0.00	8.38	7.89	185	3.0	32.5	22.6	M	M	M	704	765
7-4-88	35.6	17.4	0.00	8.38	7.60	168	3.8	33.5	23.2	M	M	M	721	779
7-5-88	37.5	21.6	0.00	11.43	7.90	179	4.3	34.7	25.4	M	M	M	740	795
7-6-88	38.0	24.2	0.00	13.97	7.70	187	5.2	35.1	26.6	M	M	M	761	812
7-7-88	38.2	21.0	0.00	10.16	7.15	208	4.2	35.7	27.3	M	M	M	781	827
7-8-88	30.3	19.2	0.51	6.86	3.46	350	1.4	30.4	26.1	M	M	M	796	842
7-9-88	30.7	18.5	0.00	6.60	5.68	205	1.9	31.1	24.2	M	M	M	810	856
7-10-88	28.6	15.1	0.00	6.60	8.16	343	2.8	32.2	23.9	M	M	M	822	868
7-11-88	27.9	11.3	0.00	7.87	7.82	6	1.9	31.4	22.6	M	M	M	832	878
7-12-88	29.3	11.3	0.00	10.16	7.72	153	2.9	31.6	22.3	M	M	M	842	888
7-13-88	34.2	18.3	11.68	9.14	7.26	252	2.9	32.3	22.9	M	M	M	858	902
7-14-88	33.7	15.5	0.00	8.38	7.93	143	1.5	35.6	21.3	M	M	M	873	915
7-15-88	38.5	23.8	0.00	9.14	7.20	235	3.4	37.6	26.3	M	M	M	894	932
7-16-88	32.4	19.1	0.00	9.14	8.13	5	2.2	36.1	25.2	M	M	M	910	946
7-17-88	31.0	18.5	0.00	9.40	6.04	22	2.1	33.8	25.5	M	M	M	925	960
7-18-88	32.6	16.7	0.00	8.89	7.37	342	1.7	34.5	24.6	M	M	M	939	974
7-19-88	21.9	15.0	2.54	3.30	2.70	213	1.7	27.4	21.2	M	M	M	948	982
7-20-88	23.7	14.0	14.48	3.81	4.61	355	1.5	25.0	18.7	M	M	M	957	991
7-21-88	30.3	13.5	0.00	6.10	7.38	359	1.2	30.4	17.9	M	M	M	968	1003
7-22-88	30.9	13.6	0.00	9.40	7.72	175	1.5	33.4	19.6	M	M	M	981	1015
7-23-88	31.6	16.5	0.00	9.14	7.48	186	2.7	34.2	21.7	M	M	M	995	1028
7-24-88	29.6	17.2	0.00	9.14	7.82	337	2.5	33.6	24.1	M	M	M	1008	1041
7-25-88	29.7	12.9	0.00	8.38	7.94	16	1.8	31.2	21.7	M	M	M	1019	1053
7-26-88	35.1	15.1	0.00	9.65	7.31	221	2.1	33.7	20.8	M	M	M	1034	1065
7-27-88	36.6	22.3	0.00	12.95	7.68	222	3.6	35.2	23.6	M	M	M	1054	1081
7-28-88	35.2	22.4	0.00	12.70	7.40	207	4.9	34.8	24.7	M	M	M	1073	1097
7-29-88	34.6	22.9	0.51	9.14	6.29	212	3.9	34.8	26.0	M	M	M	1091	1114
7-30-88	34.4	15.7	0.00	9.14	7.72	337	1.4	34.9	23.4	M	M	M	1107	1127
7-31-88	40.3	19.5	0.00	9.14	5.89	194	3.4	33.8	25.0	M	M	M	1126	1141
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	32.4	17.2	29.72	271.22	7.00	204	2.6	33.0	23.3	M	M	M	458	412

BECKER

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030
8-1-88	37.6	21.5	0.00	12.45	6.53	162	3.8	34.5	25.6	M	M	M	1146	1157
8-2-88	29.3	19.7	0.76	5.59	2.46	172	2.2	29.8	24.6	M	M	M	1160	1172
8-3-88	33.1	18.3	2.03	4.06	4.82	206	1.8	30.1	22.8	M	M	M	1176	1186
8-4-88	27.3	17.8	8.89	12.45	4.39	348	2.2	28.0	22.3	M	M	M	1189	1198
8-5-88	29.6	15.4	2.29	13.72	7.11	277	2.4	29.0	19.7	M	M	M	1201	1211
8-6-88	33.1	19.4	0.00	13.72	7.29	193	3.5	33.3	20.4	M	M	M	1217	1226
8-7-88	35.1	21.1	38.10	13.72	5.58	187	4.4	34.1	23.4	M	M	M	1235	1241
8-8-88	27.8	16.6	0.00	6.35	6.48	4	2.4	29.7	21.3	M	M	M	1248	1253
8-9-88	30.0	13.7	0.00	7.87	7.44	262	1.9	32.1	19.6	M	M	M	1260	1265
8-10-88	31.2	19.0	0.00	10.92	6.90	182	4.5	32.3	21.6	M	M	M	1275	1280
8-11-88	32.3	18.8	14.22	9.40	5.23	161	3.3	29.7	22.4	M	M	M	1290	1294
8-12-88	32.9	18.3	21.84	6.35	6.51	173	4.0	30.1	20.3	M	M	M	1306	1308
8-13-88	28.3	18.8	8.64	6.10	3.65	209	3.4	26.6	21.8	M	M	M	1319	1322
8-14-88	30.5	17.3	0.00	6.10	6.86	306	1.4	30.5	19.8	M	M	M	1333	1335
8-15-88	34.6	17.1	0.00	9.14	6.86	167	2.9	32.9	20.8	M	M	M	1349	1349
8-16-88	37.3	23.8	0.00	12.95	6.52	213	4.7	34.6	24.2	M	M	M	1370	1366
8-17-88	33.9	17.5	0.00	8.64	6.30	345	3.6	35.2	25.9	M	M	M	1385	1380
8-18-88	20.9	16.6	0.00	3.81	1.86	39	2.9	26.6	22.3	M	M	M	1394	1388
8-19-88	26.1	15.7	0.00	3.81	4.33	66	1.6	28.8	21.0	M	M	M	1405	1399
8-20-88	28.3	14.0	0.00	3.81	5.07	164	1.9	29.5	20.3	M	M	M	1416	1410
8-21-88	25.9	19.3	2.03	3.56	2.27	151	2.6	25.5	21.6	M	M	M	1429	1423
8-22-88	22.7	16.2	13.21	4.06	1.98	139	1.8	22.7	19.2	M	M	M	1438	1432
8-23-88	24.8	14.5	0.00	6.10	6.12	297	2.2	24.8	17.2	M	M	M	1448	1442
8-24-88	26.3	14.5	0.00	8.38	6.33	307	2.9	26.7	16.7	M	M	M	1458	1452
8-25-88	22.8	13.6	0.00	6.86	5.81	326	2.9	25.9	17.6	M	M	M	1466	1461
8-26-88	26.2	10.7	0.00	4.57	5.90	244	2.1	27.6	16.5	M	M	M	1475	1469
8-27-88	20.0	8.6	0.00	4.57	5.93	322	2.7	24.3	16.9	M	M	M	1479	1474
8-28-88	18.9	7.3	0.00	4.83	4.19	316	2.0	21.3	13.8	M	M	M	1482	1479
8-29-88	23.7	8.9	0.00	4.57	5.89	349	1.3	25.3	14.5	M	M	M	1489	1485
8-30-88	26.2	8.6	0.00	5.08	6.47	99	1.5	26.9	15.1	M	M	M	1496	1494
8-31-88	28.7	12.5	0.00	8.89	4.60	173	3.9	25.1	16.9	M	M	M	1507	1504
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	28.6	16.0	112.01	232.43	5.41	212	2.7	28.8	20.2	M	M	M	381	363
9-1-88	25.2	16.0	7.11	3.81	4.77	192	3.8	24.4	18.3	M	M	M	1517	1515
9-2-88	25.4	13.4	0.00	4.83	3.77	305	1.9	23.1	17.2	M	M	M	1527	1524
9-3-88	21.7	12.5	0.00	4.83	3.34	354	3.8	21.6	15.7	M	M	M	1534	1531
9-4-88	22.6	8.4	0.00	4.57	5.34	355	3.6	23.7	15.3	M	M	M	1539	1538
9-5-88	20.0	5.8	0.00	4.57	5.17	349	2.0	22.2	13.1	M	M	M	1542	1543
9-6-88	23.4	3.1	0.00	5.59	6.20	248	1.0	24.3	12.4	M	M	M	1545	1549
9-7-88	26.4	10.6	0.00	9.65	5.64	178	5.7	23.7	14.8	M	M	M	1554	1558
9-8-88	24.0	13.3	0.00	6.10	4.13	268	2.8	22.8	16.8	M	M	M	1562	1566
9-9-88	26.4	9.6	0.00	5.33	5.72	276	2.6	24.0	14.5	M	M	M	1570	1575
9-10-88	23.3	6.5	0.00	5.33	3.38	94	1.6	20.9	14.5	M	M	M	1575	1581
9-11-88	31.1	14.8	2.03	5.33	5.06	170	3.9	24.9	16.2	M	M	M	1588	1594
9-12-88	23.9	6.9	2.03	5.08	1.81	327	2.8	20.7	13.6	M	M	M	1594	1601
9-13-88	24.4	4.1	0.00	2.03	5.82	274	2.0	22.7	10.9	M	M	M	1598	1608
9-14-88	23.5	6.6	0.00	3.56	5.56	24	1.8	23.7	13.0	M	M	M	1603	1614
9-15-88	16.6	13.1	10.67	3.56	0.82	117	2.0	17.9	14.8	M	M	M	1608	1619
9-16-88	23.9	12.9	8.38	3.30	3.34	183	2.1	20.4	13.9	M	M	M	1616	1628
9-17-88	29.4	11.8	0.00	3.30	5.24	146	1.8	23.5	13.8	M	M	M	1627	1638
9-18-88	29.7	16.8	0.00	3.30	2.94	157	3.3	23.1	16.8	M	M	M	1640	1652
9-19-88	21.7	9.9	27.18	3.81	0.96	230	4.0	19.9	13.1	M	M	M	1646	1657
9-20-88	11.5	7.7	0.00	2.29	2.39	323	3.4	15.2	11.7	M	M	M	1646	1658
9-21-88	16.6	8.4	0.00	2.03	2.93	132	2.1	17.5	11.6	M	M	M	1648	1661
9-22-88	19.1	8.9	0.00	2.54	2.11	331	1.8	18.2	12.3	M	M	M	1652	1666
9-23-88	21.0	6.1	0.00	4.57	5.26	295	1.6	20.0	9.7	M	M	M	1656	1672
9-24-88	23.9	5.7	0.00	4.57	4.55	191	3.6	20.3	10.7	M	M	M	1661	1678
9-25-88	20.2	7.4	0.00	4.57	4.50	52	1.9	20.5	11.5	M	M	M	1665	1684
9-26-88	26.4	10.6	0.00	4.57	4.61	239	2.0	22.8	13.2	M	M	M	1673	1692
9-27-88	15.9	8.8	0.00	4.06	4.31	10	2.6	19.7	12.9	M	M	M	1675	1695
9-28-88	9.9	7.4	17.02	0.51	0.45	90	2.5	13.6	10.8	M	M	M	1675	1695
9-29-88	13.9	9.9	0.00	0.25	0.82	42	1.2	13.3	10.9	M	M	M	1677	1697
9-30-88	21.8	12.2	0.00	3.30	3.22	221	2.3	18.6	12.5	M	M	M	1684	1704
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	22.1	9.6	74.42	121.14	3.81	206	2.6	20.9	13.6	M	M	M	177	200

BECKER

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030
10-1-88	20.3	7.8	0.00	3.30	4.08	333	2.4	18.3	11.5	M	M	M	1688	1709
10-2-88	15.6	2.7	0.00	3.30	4.54	337	2.0	16.7	8.3	M	M	M	1688	1712
10-3-88	11.5	0.9	0.00	4.06	4.11	334	3.3	15.1	7.7	M	M	M	1688	1713
10-4-88	9.9	-0.5	0.00	3.05	4.69	352	2.8	13.9	5.8	M	M	M	1688	1713
10-5-88	12.5	-3.9	0.00	1.78	4.36	19	0.7	14.0	4.5	M	M	M	1688	1714
10-6-88	15.6	-1.1	0.00	3.30	4.47	219	1.4	15.1	5.7	M	M	M	1688	1717
10-7-88	17.2	4.6	0.00	3.05	4.05	258	2.7	15.3	6.9	M	M	M	1689	1720
10-8-88	20.9	2.8	0.00	3.05	4.20	284	1.1	17.4	7.7	M	M	M	1691	1726
10-9-88	22.3	1.4	0.00	3.05	4.13	275	1.7	17.3	7.9	M	M	M	1693	1732
10-10-88	15.6	4.5	0.00	4.83	4.35	328	3.5	16.1	9.6	M	M	M	1693	1735
10-11-88	10.1	-2.5	0.00	2.54	4.30	335	2.2	13.6	6.3	M	M	M	1693	1735
10-12-88	12.4	-4.7	0.00	2.03	4.11	117	0.7	13.1	4.1	M	M	M	1693	1736
10-13-88	19.6	-1.6	0.00	3.81	3.94	171	3.1	13.8	4.4	M	M	M	1693	1741
10-14-88	24.5	2.7	0.00	2.79	3.90	166	1.8	16.5	6.7	M	M	M	1697	1748
10-15-88	22.2	5.1	0.00	2.79	2.97	180	1.3	15.9	8.4	M	M	M	1700	1754
10-16-88	16.9	6.1	1.52	2.79	3.78	298	2.3	15.6	10.2	M	M	M	1702	1757
10-17-88	7.8	0.6	4.32	0.25	0.75	3	2.1	10.6	5.2	M	M	M	1702	1757
10-18-88	11.4	-1.1	1.27	2.54	2.32	283	2.4	9.5	3.7	M	M	M	1702	1758
10-19-88	12.6	-2.3	0.00	1.78	3.24	287	1.1	9.5	2.7	M	M	M	1702	1759
10-20-88	6.7	-1.6	8.13	0.76	0.50	173	2.4	6.1	3.3	M	M	M	1702	1759
10-21-88	9.5	-1.2	0.00	M	3.16	328	2.1	8.9	3.6	M	M	M	1702	1759
10-22-88	11.2	-4.8	0.00	M	2.77	161	2.7	7.5	1.9	M	M	M	1702	1760
10-23-88	9.0	-0.2	0.25	M	0.77	316	4.3	6.3	2.7	M	M	M	1702	1760
10-24-88	5.7	-3.2	0.00	M	3.42	323	3.2	5.8	1.2	M	M	M	1702	1760
10-25-88	3.2	-4.7	0.00	M	2.65	321	2.8	4.5	0.6	M	M	M	1702	1760
10-26-88	6.9	-6.8	0.00	M	3.11	170	1.7	4.7	-0.1	M	M	M	1702	1760
10-27-88	8.6	-2.7	0.00	M	0.58	283	4.6	3.9	1.4	M	M	M	1702	1760
10-28-88	0.0	-7.7	1.27	M	3.30	308	3.5	2.9	0.2	M	M	M	1702	1760
10-29-88	1.8	-9.9	0.00	M	3.21	323	1.4	1.4	-0.8	M	M	M	1702	1760
10-30-88	6.4	-10.8	0.00	M	2.80	182	3.5	1.8	-1.0	M	M	M	1702	1760
10-31-88	12.1	-0.1	0.00	M	2.95	267	3.6	6.0	0.1	M	M	M	1702	1761
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	12.3	-1.0	16.76	M	3.27	249	2.4	10.9	4.5	M	M	M	18	57

CEDAR CREEK

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE	ACCM D.D. BASE
													4.44	10
4-1-88	14.9	-4.4	0.00	M	5.61	78	1.7	7.4	0.8	65	23	-5.9	1	0
4-2-88	8.5	0.5	5.84	M	0.91	55	2.6	4.7	2.3	86	47	1.1	1	0
4-3-88	8.9	4.6	2.79	M	0.88	22	1.0	5.8	3.8	88	81	4.0	3	0
4-4-88	21.6	5.8	0.00	M	4.91	171	2.0	11.7	4.6	84	43	7.3	12	4
4-5-88	14.0	2.5	0.00	M	1.52	332	1.6	8.9	6.6	85	34	0.6	16	4
4-6-88	16.9	-0.5	0.00	M	6.25	284	2.4	11.2	4.2	70	18	-5.1	20	4
4-7-88	25.5	-0.4	0.00	M	6.02	151	1.7	13.4	4.9	66	17	-0.7	28	6
4-8-88	25.4	10.4	0.76	M	5.20	143	4.0	14.0	8.6	56	22	2.0	42	14
4-9-88	15.0	-2.8	0.51	M	2.04	275	2.7	11.8	7.1	87	43	-0.8	43	14
4-10-88	14.1	-4.8	0.00	M	5.95	264	1.8	11.4	4.4	87	19	-6.6	43	14
4-11-88	16.1	-6.7	0.00	M	6.57	5	1.2	12.6	4.4	87	16	-7.9	44	14
4-12-88	21.5	-4.6	0.00	M	6.36	217	1.5	13.5	5.4	77	15	-6.6	48	14
4-13-88	14.7	0.6	0.00	M	5.44	293	2.8	13.5	8.7	57	19	-6.2	51	14
4-14-88	7.0	-4.1	0.00	M	6.02	306	2.8	11.5	6.3	55	30	-10.4	51	14
4-15-88	12.7	-4.3	0.00	M	6.63	297	2.0	12.1	5.0	73	24	-8.2	51	14
4-16-88	20.9	-5.9	0.00	M	6.55	206	2.6	12.7	5.4	87	15	-6.8	54	14
4-17-88	15.6	-3.0	0.00	M	3.86	288	3.3	11.5	8.2	53	19	-6.9	56	14
4-18-88	7.6	-7.2	0.00	M	6.90	288	2.4	11.5	4.9	74	19	-14.5	56	14
4-19-88	11.9	-9.9	0.00	M	6.88	248	1.9	11.4	4.1	88	17	-12.1	56	14
4-20-88	8.7	-6.4	0.00	M	6.79	347	2.5	12.0	6.1	74	20	-12.3	56	14
4-21-88	12.3	-7.8	0.00	M	5.31	306	1.6	11.7	5.2	86	21	-9.1	56	14
4-22-88	11.8	-1.9	4.83	M	2.87	75	2.7	9.5	6.8	87	26	-5.1	56	14
4-23-88	11.8	1.0	3.81	M	4.97	39	2.3	11.5	6.0	86	38	-1.0	58	14
4-24-88	16.1	-2.9	0.00	M	6.62	175	1.8	13.3	5.3	87	29	-0.5	60	14
4-25-88	12.9	-1.6	0.00	M	5.43	268	2.6	12.4	7.6	80	27	-3.5	62	14
4-26-88	7.0	-3.2	3.05	M	1.49	18	2.4	9.1	6.6	87	52	-0.9	62	14
4-27-88	14.7	-1.4	0.00	M	5.33	299	2.1	12.2	5.8	85	19	-4.0	64	14
4-28-88	19.9	-3.8	0.00	M	7.22	278	1.5	14.9	5.3	87	14	-6.7	67	14
4-29-88	22.9	-3.1	0.00	M	7.21	199	1.2	16.7	7.1	80	13	-5.9	73	14
4-30-88	24.9	2.5	0.00	M	4.51	141	1.6	16.0	9.7	67	23	0.6	82	18
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	15.2	-2.1	21.59	M	5.08	202	2.1	11.7	5.7	78	27	-4.4	82	18
5-1-88	25.5	13.7	0.00	M	5.93	137	2.8	17.5	11.9	40	14	-2.1	97	27
5-2-88	26.1	9.0	0.00	M	7.10	128	2.4	19.0	12.0	46	13	-3.6	110	35
5-3-88	25.9	6.4	0.00	M	7.23	110	1.9	19.6	12.3	55	13	-3.1	122	41
5-4-88	26.7	1.7	0.00	M	7.37	7	1.7	19.8	12.4	83	12	-2.4	132	45
5-5-88	28.6	2.1	0.00	M	7.53	7	1.4	20.6	12.3	66	11	-1.9	143	51
5-6-88	28.9	4.5	0.51	M	6.32	121	2.2	20.0	13.4	77	12	0.1	155	57
5-7-88	26.9	16.1	1.52	M	4.91	131	3.3	19.3	15.4	78	20	5.6	172	69
5-8-88	25.3	13.4	30.23	M	3.70	143	2.3	18.4	15.2	84	47	10.7	187	78
5-9-88	17.7	8.5	29.72	M	2.67	277	3.1	15.9	13.6	83	60	9.1	196	81
5-10-88	22.4	3.9	0.00	M	7.10	292	1.8	19.0	11.1	85	17	2.4	205	85
5-11-88	25.3	1.6	0.00	M	5.65	234	1.9	18.7	11.7	86	26	4.0	214	88
5-12-88	27.8	5.4	1.27	M	4.81	277	2.2	19.5	12.9	85	22	6.8	226	95
5-13-88	17.2	0.7	0.00	M	8.02	0	1.7	19.6	11.5	84	17	-4.6	230	95
5-14-88	23.7	0.5	0.00	M	4.03	145	2.3	16.9	12.2	85	40	5.3	238	97
5-15-88	23.2	8.9	0.25	M	4.19	253	3.4	16.4	13.4	77	20	5.1	249	103
5-16-88	13.8	-1.5	0.25	M	4.22	358	2.2	16.4	12.8	87	43	3.2	251	103
5-17-88	20.9	-4.0	0.00	M	8.06	99	1.5	19.5	10.1	87	21	-1.6	255	103
5-18-88	26.2	8.9	0.00	M	7.11	130	2.2	20.7	13.2	59	30	5.6	268	110
5-19-88	25.7	12.4	0.25	M	4.84	126	1.7	20.4	15.6	83	46	10.3	283	119
5-20-88	30.3	11.0	3.56	M	5.53	163	1.1	22.3	15.7	84	35	13.2	299	130
5-21-88	30.0	15.2	0.00	M	7.27	69	1.9	24.0	16.7	83	14	9.9	317	143
5-22-88	20.8	11.0	0.76	M	3.20	38	3.6	20.6	17.3	82	65	11.7	329	149
5-23-88	27.9	4.9	0.00	M	8.06	23	1.9	23.1	14.3	86	16	4.0	341	155
5-24-88	22.2	5.8	0.00	M	8.09	55	2.7	22.9	15.9	66	16	-1.9	350	159
5-25-88	26.3	-2.1	0.00	M	8.06	175	1.9	22.9	14.6	86	17	0.3	358	161
5-26-88	30.7	17.7	0.00	M	7.39	206	2.7	24.8	17.7	55	32	11.0	378	175
5-27-88	29.3	15.4	3.81	M	7.13	184	1.8	26.2	19.4	83	41	14.9	396	188
5-28-88	32.1	15.9	0.00	M	6.69	131	1.4	26.6	19.5	83	42	15.9	415	202
5-29-88	31.9	15.5	0.00	M	6.93	161	2.0	26.7	20.3	83	25	13.3	434	215
5-30-88	31.7	19.0	0.00	M	5.94	145	1.7	26.3	21.0	67	35	13.7	455	231
5-31-88	33.6	15.3	0.00	M	7.56	161	1.5	27.9	20.9	82	20	12.2	475	245
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	26.0	8.3	72.13	M	6.21	145	2.1	21.0	14.7	76	27	5.4	393	227

CEDAR CREEK

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE	ACCM D.D. BASE
6-1-88	33.5	16.8	0.00	M	6.63	174	1.2	28.2	22.0	82	29	15.5	496	260
6-2-88	27.0	15.0	0.00	M	5.19	61	2.4	25.9	21.9	84	56	15.0	512	271
6-3-88	26.9	14.2	0.00	M	6.47	112	1.2	26.7	21.3	83	40	11.9	529	282
6-4-88	30.9	11.3	0.00	M	7.75	146	1.0	28.1	20.7	84	34	12.2	545	293
6-5-88	33.4	12.3	0.00	M	7.47	204	1.2	28.5	21.2	83	25	13.1	564	306
6-6-88 *	32.5	11.6	0.00	M	8.20	206	1.5	29.1	21.4	84	14	8.4	581	318
6-7-88	34.9	8.7	0.00	M	8.16	159	1.3	29.5	21.2	85	15	9.2	599	330
6-8-88	21.3	4.6	0.00	M	4.29	48	4.5	26.7	19.8	85	46	8.1	607	333
6-9-88	24.1	3.9	0.00	M	8.60	47	1.5	24.9	15.8	87	15	0.3	614	334
6-10-88	28.4	2.4	0.00	M	8.43	195	1.3	26.6	17.6	86	12	1.4	625	339
6-11-88	31.7	6.2	0.00	M	8.06	188	1.8	27.5	19.2	84	12	3.5	640	348
6-12-88	34.9	13.7	0.00	M	7.34	167	2.0	28.4	20.7	58	17	7.2	660	363
6-13-88	32.1	19.5	0.00	M	5.65	190	1.7	28.4	22.7	80	25	13.4	681	378
6-14-88	33.4	16.6	0.00	M	6.59	221	2.8	29.0	23.5	81	30	13.2	701	393
6-15-88	26.1	11.8	0.00	M	6.45	263	2.0	27.2	22.2	84	32	10.0	716	402
6-16-88	21.9	7.9	0.00	M	8.12	39	2.1	27.8	20.7	84	44	9.4	726	407
6-17-88	28.4	12.2	0.00	M	6.88	151	2.0	28.3	21.5	81	39	12.4	742	418
6-18-88	35.6	13.1	0.00	M	6.56	170	2.3	29.2	22.2	84	35	15.3	762	432
6-19-88	37.4	18.1	0.25	M	7.50	207	2.0	31.7	24.4	83	16	17.8	785	450
6-20-88	35.1	14.9	0.00	M	8.51	30	1.5	32.5	22.7	82	10	9.2	806	465
6-21-88	32.8	15.7	0.00	M	3.09	73	1.6	27.6	23.2	79	37	15.8	826	479
6-22-88	29.5	13.6	0.00	M	7.46	353	2.2	30.2	22.8	82	16	10.8	843	490
6-23-88	28.1	10.9	0.00	M	3.65	106	1.4	26.2	22.2	84	39	12.1	858	500
6-24-88	38.1	17.4	0.00	M	7.68	192	2.6	31.3	21.9	82	30	16.6	881	518
6-25-88	31.6	16.8	0.00	M	8.29	319	2.6	31.7	25.5	66	33	11.6	901	532
6-26-88	26.7	9.2	0.00	M	7.70	33	1.8	29.8	23.0	85	33	10.0	915	540
6-27-88	31.2	8.6	0.00	M	7.93	159	1.2	30.3	22.3	84	22	9.7	930	550
6-28-88	24.6	15.9	0.00	M	5.44	72	3.7	27.6	23.7	80	50	13.1	946	560
6-29-88	25.6	11.7	0.00	M	8.13	66	4.1	28.7	22.5	79	18	4.1	960	569
6-30-88	26.4	5.1	0.00	M	8.40	66	2.6	28.9	21.0	84	16	1.7	971	574
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	30.1	12.0	0.25	M	7.02	147	2.0	28.6	21.7	82	28	10.4	496	329
7-1-88	28.2	4.5	0.00	M	7.32	53	1.2	28.3	21.2	84	17	4.5	983	581
7-2-88	29.0	10.7	0.00	M	5.42	233	1.1	27.8	22.2	83	22	8.5	999	590
7-3-88	31.9	8.7	0.00	M	7.76	182	1.5	29.8	21.5	84	21	9.3	1014	601
7-4-88	35.0	13.6	0.00	M	7.65	150	2.0	31.4	23.2	80	35	15.3	1034	615
7-5-88	36.7	18.7	0.00	M	7.55	163	2.2	32.7	25.4	78	25	15.2	1058	633
7-6-88	37.8	20.9	0.00	M	7.27	171	2.4	33.4	26.7	68	29	15.9	1082	652
7-7-88	38.3	22.0	0.00	M	6.53	185	2.4	33.6	27.4	80	29	17.0	1108	672
7-8-88	29.7	19.7	0.00	M	3.67	355	1.3	31.2	27.3	82	40	16.1	1128	687
7-9-88	30.8	17.7	3.56	M	4.80	157	1.4	29.8	25.5	83	46	17.6	1148	701
7-10-88	27.4	11.2	0.00	M	7.22	325	2.0	29.6	24.3	83	35	12.1	1163	711
7-11-88	25.4	8.2	0.00	M	7.84	351	1.7	29.3	21.7	84	36	9.3	1175	717
7-12-88	29.7	6.7	0.00	M	7.77	107	1.7	29.9	21.5	84	25	8.8	1189	726
7-13-88	34.8	16.4	20.57	M	7.08	230	2.4	29.4	23.3	82	20	14.9	1210	741
7-14-88	33.8	11.3	0.00	M	7.79	68	1.3	29.8	21.9	83	18	9.4	1228	754
7-15-88	39.5	23.1	2.03	M	6.42	218	2.3	32.7	25.1	79	32	19.5	1255	775
7-16-88	30.2	14.9	0.00	M	7.80	4	2.0	31.2	24.8	82	17	12.8	1273	787
7-17-88	31.8	14.4	0.00	M	5.80	348	1.4	29.9	24.3	82	30	12.2	1292	801
7-18-88	31.4	13.2	0.00	M	6.92	330	1.5	30.9	23.9	83	17	9.2	1310	813
7-19-88	24.7	11.0	2.29	M	2.41	208	1.0	26.9	22.1	84	43	12.3	1323	821
7-20-88	22.6	10.8	17.78	M	3.90	18	1.2	23.4	19.4	83	54	12.0	1336	827
7-21-88	29.2	11.0	0.00	M	7.65	1	1.3	27.0	18.7	82	26	11.3	1351	837
7-22-88	31.8	10.7	0.00	M	6.72	193	1.0	27.2	20.2	82	24	11.4	1368	849
7-23-88	32.4	12.1	0.00	M	6.48	186	1.3	27.9	21.3	82	23	12.3	1386	861
7-24-88	28.8	17.6	0.76	M	7.14	293	1.8	29.1	22.8	81	30	13.6	1405	874
7-25-88	28.8	10.2	0.00	M	7.63	22	1.8	29.0	21.9	83	24	9.8	1420	884
7-26-88	34.1	11.7	0.00	M	6.95	201	1.6	29.5	22.4	82	21	11.4	1438	897
7-27-88	37.4	15.5	0.00	M	7.38	209	2.2	30.9	23.6	82	16	12.8	1460	913
7-28-88	36.4	17.3	0.00	M	7.27	199	2.6	31.2	24.7	80	17	13.5	1482	930
7-29-88	35.2	20.4	0.00	M	5.27	194	2.2	30.4	25.7	81	36	18.1	1506	948
7-30-88	33.3	13.4	0.00	M	7.41	325	1.3	30.8	24.4	83	17	11.8	1525	961
7-31-88	39.7	18.0	39.88	M	5.45	185	2.2	28.3	22.3	82	15	15.3	1549	980
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	32.1	14.1	86.9	M	6.59	189	1.7	29.8	23.2	82	27	12.7	578	406

CEDAR CREEK

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE	ACCM D.D. BASE
													4.44	10
8-1-88	37.0	17.8	0.00	M	6.30	103	2.4	29.6	23.5	82	28	17.4	1572	997
8-2-88	31.9	19.7	6.35	M	3.11	174	1.7	28.0	24.7	82	43	18.6	1593	1013
8-3-88	33.5	18.4	41.91	M	5.36	169	1.3	28.7	22.9	81	57	20.3	1615	1029
8-4-88	25.7	18.5	2.79	M	3.47	309	1.5	26.9	23.8	84	64	17.6	1633	1041
8-5-88	28.6	16.8	0.51	M	6.58	237	1.9	27.2	22.2	80	39	14.3	1651	1054
8-6-88	33.3	14.3	0.00	M	7.15	185	1.6	28.9	21.4	82	34	15.3	1670	1068
8-7-88	35.0	20.3	9.91	M	5.78	169	2.1	29.7	23.3	81	38	16.9	1693	1085
8-8-88	27.3	15.2	0.00	M	5.80	10	1.7	27.6	23.8	81	47	16.1	1710	1096
8-9-88	28.5	13.4	0.00	M	7.05	255	1.1	27.7	21.4	81	36	12.9	1727	1107
8-10-88	31.5	15.3	0.00	M	6.58	174	1.6	27.8	21.7	81	33	14.4	1746	1121
8-11-88	32.7	18.6	20.83	M	4.85	142	1.7	27.4	22.5	81	58	18.4	1767	1136
8-12-88	33.3	18.3	8.89	M	6.04	138	2.2	28.2	22.2	80	56	19.5	1788	1152
8-13-88	28.6	18.9	23.37	M	2.95	208	2.1	26.2	23.9	80	64	19.4	1808	1166
8-14-88	29.4	16.8	0.00	M	6.66	245	1.5	27.4	22.1	81	51	16.8	1826	1179
8-15-88	34.4	14.6	0.00	M	6.59	134	1.2	28.3	21.7	80	55	19.4	1846	1193
8-16-88	37.1	19.9	0.00	M	6.46	198	2.1	29.6	23.9	80	35	20.3	1870	1212
8-17-88	33.2	17.6	0.00	M	6.15	21	3.0	30.1	25.6	79	49	19.0	1891	1227
8-18-88	19.9	16.9	0.00	M	1.37	47	3.8	26.5	23.1	79	74	14.3	1905	1236
8-19-88	25.2	13.4	0.00	M	4.81	64	1.8	25.5	21.9	82	60	13.8	1920	1245
8-20-88	28.2	11.7	0.00	M	4.70	141	1.0	25.3	21.2	80	50	14.8	1936	1255
8-21-88	25.0	18.3	1.02	M	2.34	93	1.4	23.9	22.2	79	66	16.3	1953	1267
8-22-88	21.9	12.5	7.11	M	1.20	129	1.2	22.9	20.5	81	75	15.0	1965	1274
8-23-88	24.6	13.0	0.25	M	5.89	244	1.9	23.1	19.0	81	42	12.0	1980	1283
8-24-88	26.0	12.8	0.00	M	5.97	263	2.3	23.3	18.9	80	39	11.4	1995	1292
8-25-88	22.1	10.9	0.00	M	5.05	270	2.3	22.3	19.2	82	39	7.8	2007	1298
8-26-88	26.2	7.6	0.25	M	5.66	215	1.3	22.6	17.7	82	27	9.1	2019	1305
8-27-88	20.6	5.9	3.05	M	5.22	266	2.1	21.7	18.7	83	39	8.3	2028	1309
8-28-88	17.8	3.4	0.00	M	3.56	264	1.4	19.0	15.9	82	54	6.6	2034	1309
8-29-88	23.3	6.1	0.00	M	5.41	271	1.0	20.8	15.8	81	31	6.4	2045	1314
8-30-88	25.8	5.2	0.00	M	6.15	71	1.3	21.4	15.9	81	35	8.3	2056	1319
8-31-88	29.0	10.2	0.00	M	4.51	145	1.8	21.6	17.0	81	42	12.3	2071	1329
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	28.3	14.3	126.24	M	5.12	173	1.8	25.8	21.2	81	47	14.6	522	349
9-1-88	24.5	13.8	11.43	M	3.79	183	2.0	21.8	19.0	81	40	13.5	2085	1338
9-2-88	25.7	11.7	0.00	M	3.80	257	1.4	21.2	17.7	80	37	10.7	2100	1347
9-3-88	19.8	11.3	0.25	M	1.72	349	2.1	19.0	17.0	81	65	11.3	2111	1352
9-4-88	22.0	8.0	0.00	M	5.07	1	2.6	20.9	16.9	80	44	10.2	2121	1357
9-5-88	19.5	3.1	0.00	M	4.32	303	1.2	18.9	14.9	84	39	4.7	2128	1359
9-6-88	23.0	0.0	0.00	M	5.87	176	1.0	19.3	13.4	82	29	4.0	2135	1360
9-7-88	25.7	6.2	0.00	M	5.39	161	2.6	19.7	14.6	82	28	5.9	2147	1366
9-8-88	23.7	8.4	0.00	M	3.31	231	1.6	19.3	16.8	81	22	6.5	2158	1372
9-9-88	29.2	5.5	0.00	M	5.34	234	1.8	19.5	14.5	93	15	3.8	2171	1380
9-10-88	23.1	2.7	0.00	M	2.98	77	1.6	18.0	14.5	98	48	8.9	2180	1383
9-11-88	30.3	15.6	0.00	M	4.80	144	1.9	20.8	16.1	84	45	15.2	2198	1395
9-12-88	24.1	5.9	0.00	M	1.23	271	2.1	19.4	17.2	98	15	12.4	2209	1400
9-13-88	24.2	1.2	0.00	M	5.49	233	1.6	19.2	14.3	100	37	7.7	2217	1403
9-14-88	22.9	3.4	0.00	M	5.28	38	1.5	19.1	14.5	100	31	7.0	2226	1406
9-15-88	16.9	12.3	2.03	M	0.68	84	1.6	17.2	16.1	93	63	10.2	2236	1411
9-16-88	21.9	11.4	28.19	M	2.00	109	1.5	17.7	15.4	100	91	15.4	2248	1417
9-17-88	30.0	10.3	0.25	M	4.94	129	1.0	20.1	14.7	100	47	16.3	2264	1428
9-18-88	28.9	18.2	0.00	M	2.20	126	1.9	20.5	17.5	100	77	20.5	2283	1441
9-19-88	21.3	9.8	41.15	M	0.56	224	2.5	19.7	16.1	100	89	16.2	2294	1447
9-20-88	11.9	8.5	1.27	M	1.60	274	2.9	16.1	14.4	100	82	8.3	2300	1447
9-21-88	18.1	8.6	0.00	M	2.94	107	1.4	16.7	13.9	96	74	10.9	2309	1450
9-22-88	19.2	6.9	0.00	M	1.45	272	1.5	17.4	15.2	99	74	13.4	2317	1453
9-23-88	21.1	2.7	0.00	M	4.94	244	1.6	16.7	12.5	100	36	5.7	2325	1455
9-24-88	23.2	1.8	0.00	M	4.01	181	1.9	16.2	12.0	100	38	6.8	2333	1458
9-25-88	19.8	4.3	0.00	M	4.10	55	1.8	16.1	12.4	100	54	8.7	2340	1460
9-26-88	25.8	9.8	0.00	M	4.14	205	1.5	18.3	13.6	100	64	14.4	2354	1467
9-27-88	16.8	7.1	0.00	M	3.60	26	2.1	16.2	13.8	100	62	8.7	2361	1469
9-28-88	9.9	6.6	13.46	M	0.22	81	3.2	14.2	12.1	100	83	7.8	2365	1469
9-29-88	14.3	9.8	0.25	M	0.46	63	1.7	13.7	12.1	100	98	12.3	2373	1471
9-30-88	22.9	11.2	0.00	M	3.45	207	1.5	17.2	13.6	100	67	14.8	2385	1478
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	21.9	7.9	98.28	M	3.32	168	1.8	18.3	14.9	94	53	10.4	368	149

CEDAR CREEK

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE	ACCM D.D. BASE
													4.44	10
10-1-88	20.8	4.9	0.00	M	3.17	293	1.4	16.0	13.3	100	44	9.6	2394	1481
10-2-88	15.4	-1.3	0.25	M	3.54	283	1.4	13.6	10.7	100	45	3.2	2396	1481
10-3-88	11.9	-2.2	0.00	M	3.71	290	2.2	12.2	9.1	100	44	0.1	2397	1481
10-4-88	9.8	-4.8	0.00	M	4.37	348	1.9	11.1	8.0	100	44	-2.6	2397	1481
10-5-88	11.5	-7.7	0.00	M	4.27	353	1.0	10.2	6.1	100	41	-3.0	2397	1481
10-6-88	15.4	-5.4	0.00	M	4.12	214	1.1	10.7	6.3	100	33	-1.2	2397	1481
10-7-88	17.5	-2.4	0.00	M	3.90	223	1.9	11.4	6.8	99	53	4.9	2400	1481
10-8-88	21.0	2.3	0.00	M	3.81	226	1.0	12.6	8.0	100	46	6.8	2408	1483
10-9-88	21.9	0.1	0.00	M	3.72	237	1.4	12.9	8.5	100	43	6.5	2414	1484
10-10-88	16.2	2.9	0.00	M	4.04	282	2.6	12.8	10.0	71	43	2.8	2419	1484
10-11-88	10.2	-4.4	0.00	M	4.02	304	1.6	10.3	7.4	98	43	-2.6	2419	1484
10-12-88	11.3	-8.3	0.00	M	3.92	59	1.0	9.1	5.3	100	37	-4.4	2419	1484
10-13-88	18.7	-4.6	0.00	M	3.62	146	2.0	9.6	5.1	93	37	-0.1	2422	1484
10-14-88	25.0	1.4	0.00	M	3.55	169	1.1	11.9	7.1	99	43	7.4	2431	1487
10-15-88	22.3	3.7	0.00	M	2.75	178	1.3	12.4	8.4	100	61	10.7	2439	1490
10-16-88	17.4	2.9	0.25	M	3.05	254	2.4	12.9	10.7	95	42	7.6	2445	1490
10-17-88	7.4	0.8	2.79	M	0.46	8	1.8	10.8	8.8	100	77	4.2	2445	1490
10-18-88	11.3	-3.5	2.03	M	2.14	247	1.9	9.2	6.7	100	66	2.2	2445	1490
10-19-88	13.5	-4.5	0.25	M	3.13	238	1.0	9.0	5.5	100	40	-0.1	2445	1490
10-20-88	6.3	-4.8	8.13	M	0.31	145	1.3	6.9	5.3	100	87	3.1	2445	1490
10-21-88	9.8	-3.8	1.02	M	2.96	277	1.9	8.6	6.1	100	54	2.8	2445	1490
10-22-88	11.7	-7.8	0.00	M	2.74	141	1.9	7.1	4.0	100	46	-1.3	2445	1490
10-23-88	9.3	0.3	0.25	M	0.33	268	3.8	7.0	5.4	98	62	0.2	2445	1490
10-24-88	5.1	-5.4	0.00	M	2.82	270	3.0	6.2	4.0	91	53	-4.4	2445	1490
10-25-88	1.2	-4.4	0.00	M	1.36	273	3.2	4.2	2.9	89	65	-5.1	2445	1490
10-26-88	7.4	-7.1	0.00	M	3.05	213	1.7	4.5	2.4	94	48	-4.9	2445	1490
10-27-88	8.6	-2.4	4.32	M	0.16	242	3.7	5.1	3.8	99	55	0.2	2445	1490
10-28-88	0.9	-7.2	0.00	M	3.08	265	3.8	3.8	2.3	73	49	-8.5	2445	1490
10-29-88	1.9	-12.1	0.00	M	2.93	264	1.3	2.3	1.5	90	41	-10.8	2445	1490
10-30-88	6.7	-12.9	0.00	M	2.30	160	1.7	1.6	1.1	96	35	-9.5	2445	1490
10-31-88	12.3	-4.2	0.00	M	2.25	245	2.9	3.0	1.2	95	46	-2.5	2445	1490
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	12.2	-3.3	19.29	M	2.89	229	1.9	9.0	6.2	96	49	0.4	60	12

CLOQUET

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 4.44	ACCM D.D. BASE 10
4-1-88 *	5.6	-8.9	0.00	M	M	M	M	M	M	M	M	0.0	0	0
4-2-88 *	6.7	-11.1	0.25	M	M	M	M	M	M	M	M	0.0	0	0
4-3-88	7.0	-7.4	3.30	M	2.72	78	1.4	0.7	0.6	95	54	-2.7	0	0
4-4-88	4.1	0.9	0.00	M	0.86	80	0.7	0.7	0.7	96	92	1.5	0	0
4-5-88	9.8	0.2	0.00	M	2.63	81	0.9	0.7	0.6	96	79	2.8	1	0
4-6-88	13.2	-1.7	0.00	M	2.16	287	1.1	0.7	0.7	95	33	-0.5	2	0
4-7-88	14.4	-2.1	0.00	M	6.16	294	2.0	0.7	0.6	80	22	-4.4	4	0
4-8-88	20.7	-3.5	0.00	M	6.03	77	1.3	0.7	0.6	88	28	-2.0	8	0
4-9-88	7.6	1.3	0.00	M	4.80	85	2.3	0.7	0.6	89	56	-0.4	8	0
4-10-88	4.9	-2.1	0.00	M	2.28	294	1.8	0.7	0.7	92	59	-1.5	8	0
4-11-88	11.5	-5.5	0.00	M	6.02	284	1.3	3.9	0.6	92	28	-4.9	8	0
4-12-88	15.4	-6.9	0.00	M	6.36	271	1.0	8.0	0.7	91	21	-5.4	8	0
4-13-88	21.3	-2.7	0.00	M	6.00	266	1.2	10.8	0.7	84	17	-4.2	13	0
4-14-88	10.6	-1.9	0.00	M	6.41	298	2.6	12.8	2.8	67	34	-5.1	13	0
4-15-88	2.1	-5.1	0.00	M	3.33	301	2.6	7.0	2.9	65	45	-9.5	13	0
4-16-88	12.6	-4.7	0.00	M	6.49	299	2.2	12.9	1.9	81	29	-6.4	13	0
4-17-88	19.0	-5.8	0.00	M	6.29	274	1.6	15.1	3.0	91	18	-4.9	15	0
4-18-88	13.8	-3.6	0.00	M	3.59	300	3.3	11.5	5.7	79	28	-4.2	15	0
4-19-88	5.7	-6.9	0.00	M	6.82	297	2.4	12.4	2.6	69	23	-13.1	15	0
4-20-88	10.3	-9.8	0.00	M	6.75	278	1.6	13.3	2.4	83	19	-11.6	15	0
4-21-88	7.8	-3.4	0.00	M	6.86	302	2.0	14.0	4.0	68	22	-11.5	15	0
4-22-88	11.2	-5.7	0.00	M	6.89	302	1.5	15.3	3.4	69	31	-7.7	15	0
4-23-88	10.1	-6.8	0.00	M	5.63	77	1.7	14.0	4.2	91	34	-6.1	15	0
4-24-88	11.6	-3.7	0.00	M	3.70	55	1.2	13.4	6.4	87	38	-4.0	15	0
4-25-88	16.4	-6.3	0.25	M	6.60	53	1.3	16.9	4.4	93	24	-2.6	16	0
4-26-88	10.9	-2.5	0.00	M	5.95	288	1.9	16.2	6.6	94	45	-2.0	16	0
4-27-88	9.9	-4.3	0.00	M	4.28	73	1.1	14.2	5.5	94	36	-3.7	16	0
4-28-88	14.2	-2.4	0.00	M	5.30	309	1.2	16.4	6.5	76	21	-5.8	18	0
4-29-88	19.6	-4.7	0.00	M	7.09	296	1.2	19.8	6.0	88	16	-6.2	21	0
4-30-88	23.1	-3.2	0.00	M	7.15	58	1.2	21.8	8.0	83	14	-5.7	26	0
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	11.7	-4.3	3.8	M	5.20	213	1.6	9.8	3.0	85	35	-4.4	26	0
5-1-88	22.9	-2.1	0.00	M	6.63	83	1.4	21.8	9.6	89	16	-4.8	32	0
5-2-88	23.7	4.8	0.00	M	6.16	84	1.5	22.3	11.7	58	22	-1.5	42	5
5-3-88	22.8	2.8	0.00	M	6.29	87	1.4	22.7	11.8	79	23	-0.4	50	7
5-4-88	25.2	0.9	0.00	M	7.27	89	0.5	24.6	11.6	85	16	-1.8	59	11
5-5-88	24.4	-0.6	0.00	M	7.64	74	1.1	25.5	12.5	86	14	-2.2	66	12
5-6-88	26.9	2.0	0.00	M	6.41	308	1.4	24.9	13.5	78	16	1.3	76	17
5-7-88	14.7	4.2	1.02	M	6.53	82	2.1	23.2	13.8	73	48	1.4	81	17
5-8-88	25.7	2.9	2.79	M	4.74	74	1.6	22.6	12.8	94	33	7.1	91	21
5-9-88 *	10.5	7.2	34.79	M	M	M	M	M	M	M	M	M	96	21
5-10-88 *	17.7	3.3	0.00	M	M	M	M	M	M	M	M	M	102	22
5-11-88	19.9	2.2	52.83	M	7.73	299	1.8	23.0	9.4	93	18	3.1	108	23
5-12-88	23.7	1.0	0.25	M	5.56	296	1.6	23.5	11.6	89	32	3.7	116	25
5-13-88	23.1	2.4	0.51	M	4.62	292	2.2	23.1	12.0	93	45	6.7	124	28
5-14-88	15.7	-1.2	1.78	M	8.06	296	1.8	21.6	7.5	90	22	-2.8	127	28
5-15-88	19.7	-1.1	6.86	M	4.40	72	1.1	18.4	9.4	93	48	3.8	132	28
5-16-88	17.9	5.4	0.51	M	3.32	282	2.0	17.3	11.1	91	44	7.6	139	30
5-17-88	13.2	-1.0	1.02	M	5.93	59	1.4	21.7	10.9	88	37	0.9	141	30
5-18-88	17.3	-3.3	0.25	M	8.13	78	1.4	24.6	8.9	93	23	-3.8	144	30
5-19-88	23.1	0.8	0.00	M	7.52	80	1.4	26.4	11.3	89	35	3.2	151	31
5-20-88	24.3	5.5	0.00	M	3.94	71	1.1	23.3	14.9	82	50	8.2	162	36
5-21-88	29.5	6.4	0.00	M	6.21	49	0.9	28.5	15.0	91	39	9.9	175	44
5-22-88	21.7	10.2	0.00	M	6.49	78	1.2	29.4	18.1	92	59	10.9	187	50
5-23-88	22.4	5.5	1.27	M	5.05	66	1.1	27.3	18.5	91	42	10.8	196	54
5-24-88	27.9	3.5	0.00	M	7.73	314	1.4	29.8	15.5	92	15	3.1	207	60
5-25-88	18.4	-0.4	0.00	M	7.50	76	1.2	27.0	15.4	93	32	0.6	212	60
5-26-88	24.7	-2.3	0.00	M	7.98	304	1.4	27.8	13.8	94	21	1.0	219	61
5-27-88	30.4	13.6	0.00	M	7.09	275	1.4	31.2	18.7	91	36	12.9	236	73
5-28-88	27.6	12.3	0.00	M	7.08	271	1.1	29.6	19.4	92	54	15.6	252	83
5-29-88	22.3	9.9	22.35	M	6.95	82	1.2	30.9	19.5	92	68	12.4	263	89
5-30-88	31.1	9.4	0.00	M	6.70	17	1.1	32.5	19.0	93	42	15.1	279	99
5-31-88	31.1	14.2	0.00	M	6.44	78	1.1	33.3	21.3	89	43	15.6	297	112
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	22.6	3.8	126.23	M	6.63	153	1.2	25.4	13.7	90	35	4.7	271	112

CLOQUET

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE	ACCM D.D. BASE
													4.44	10
6-1-88	32.6	13.9	0.00	M	7.61	44	1.0	35.7	21.9	91	33	14.8	316	125
6-2-88	32.1	8.6	0.00	M	7.14	0	1.3	35.6	22.9	90	42	15.5	332	136
6-3-88	15.0	6.7	0.00	M	3.71	82	1.8	27.0	20.8	88	67	6.1	339	137
6-4-88	24.0	6.8	0.00	M	5.60	78	1.0	30.0	18.6	79	51	8.2	349	142
6-5-88	31.4	8.5	0.00	M	6.93	288	0.9	33.2	19.6	88	42	13.9	365	152
6-6-88	33.4	15.1	0.00	M	7.76	287	1.1	36.4	22.8	90	29	15.0	385	166
6-7-88	32.8	12.8	0.00	M	8.35	284	1.2	37.3	23.7	90	26	12.4	403	179
6-8-88	33.5	9.0	0.00	M	8.30	64	1.6	37.5	23.3	91	21	10.1	420	190
6-9-88	14.9	1.4	0.00	M	5.61	79	2.2	26.7	17.8	93	32	3.5	424	190
6-10-88	24.7	-0.2	6.60	M	8.57	307	1.0	31.4	13.5	93	18	1.9	431	192
6-11-88	27.8	3.9	0.00	M	8.53	284	1.2	33.5	17.3	92	17	5.0	443	198
6-12-88	31.2	10.5	0.00	M	7.95	278	1.2	34.3	20.5	85	18	7.4	459	209
6-13-88	33.4	14.0	0.00	M	6.56	322	1.1	34.6	21.9	83	32	12.7	479	223
6-14-88	28.5	13.1	0.00	M	3.73	74	1.0	30.8	20.7	92	51	14.6	495	234
6-15-88	31.5	12.5	0.00	M	6.68	276	1.8	29.5	20.0	92	39	14.6	512	246
6-16-88	23.8	8.9	13.72	M	6.21	293	2.0	30.9	18.9	91	43	10.8	524	252
6-17-88	18.3	5.4	0.00	M	7.21	73	1.4	33.1	17.7	92	57	8.0	532	254
6-18-88	24.6	3.7	0.25	M	7.66	75	1.2	33.5	20.6	92	55	10.2	542	258
6-19-88	33.7	10.0	0.00	M	6.46	37	1.2	34.3	22.7	91	44	15.7	559	270
6-20-88	34.9	17.1	0.00	M	8.08	268	2.5	37.6	22.1	90	19	17.2	580	286
6-21-88	32.8	12.2	20.32	M	8.70	295	M	28.1	22.7	89	15	10.9	599	298
6-22-88	28.4	13.9	0.00	M	2.03	255	M	32.8	21.7	90	62	17.2	615	309
6-23-88	26.8	10.4	5.59	M	7.62	291	M	27.1	20.3	89	33	12.9	629	318
6-24-88	18.1	7.9	0.00	M	3.91	78	M	31.7	17.7	90	67	8.3	638	321
6-25-88	32.9	7.4	0.00	M	5.81	78	M	32.2	22.3	92	47	15.2	654	331
6-26-88	24.5	11.3	0.00	M	6.81	296	M	32.9	20.2	89	45	12.6	667	339
6-27-88	24.9	9.7	0.00	M	7.08	354	M	35.1	21.1	91	48	11.5	680	346
6-28-88	28.9	8.7	0.00	M	7.47	17	M	26.9	16.7	90	37	11.3	694	355
6-29-88	15.3	7.0	0.00	M	1.88	82	M	28.5	13.6	91	53	9.3	701	356
6-30-88	19.4	5.2	16.76	M	8.84	81	M	31.4	15.2	90	33	4.6	709	359
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	27.1	9.2	63.24	M	6.41	172	M	32.3	20.0	87	38	11.0	412	247
7-1-88	21.3	1.9	0.00	5.33	8.71	49	M	31.4	15.2	92	34	5.2	716	360
7-2-88	23.7	2.2	0.00	5.08	6.80	17	M	30.1	16.8	92	35	7.0	725	363
7-3-88	28.1	11.5	0.00	5.59	7.32	292	M	33.9	20.6	88	27	9.9	740	373
7-4-88	30.9	9.0	0.00	6.86	7.93	276	M	35.2	21.0	90	32	11.8	755	383
7-5-88	34.4	13.8	0.00	3.05	7.86	81	M	36.7	23.2	89	36	15.7	775	397
7-6-88	34.1	15.7	0.00	6.35	7.30	77	M	38.2	26.0	87	44	17.8	796	412
7-7-88	37.9	14.7	0.00	7.62	7.72	83	M	38.6	25.7	90	32	17.5	817	428
7-8-88	38.2	20.3	0.00	4.83	5.98	302	M	38.4	28.1	89	36	19.2	842	448
7-9-88	30.2	17.1	0.00	5.84	6.99	300	M	36.7	25.3	89	39	16.1	861	461
7-10-88	31.1	14.4	5.33	4.32	6.41	292	M	35.9	24.4	89	39	15.9	880	474
7-11-88	22.5	13.2	0.00	2.54	5.53	296	M	30.0	22.8	88	55	12.7	893	482
7-12-88	23.7	9.3	2.03	3.81	6.09	309	M	32.3	20.8	90	46	10.7	905	488
7-13-88	26.3	7.7	0.00	2.54	7.69	56	M	33.6	20.3	91	38	10.2	918	495
7-14-88	30.9	14.4	0.00	6.86	6.42	290	M	31.6	22.6	90	36	14.6	936	508
7-15-88	30.0	12.3	11.43	2.03	7.63	350	M	35.0	20.6	87	37	12.9	953	519
7-16-88	33.9	14.0	0.00	6.60	7.03	41	M	36.4	22.4	89	51	17.3	972	533
7-17-88	29.2	13.9	0.00	5.59	8.20	289	M	36.4	23.6	89	34	13.0	989	545
7-18-88	30.2	11.6	0.00	3.56	6.68	293	M	35.4	24.3	89	24	11.1	1006	555
7-19-88	29.1	12.3	0.00	2.79	5.98	296	M	32.9	24.7	87	34	11.3	1022	566
7-20-88	27.8	9.1	0.00	2.29	5.55	295	M	31.6	22.7	90	38	12.6	1036	575
7-21-88	24.2	10.1	1.27	3.56	4.14	284	M	27.8	21.3	90	55	12.5	1049	582
7-22-88	29.0	10.3	3.81	4.57	6.97	301	M	33.0	18.8	91	38	12.7	1064	591
7-23-88	30.8	9.6	0.00	6.86	6.58	309	M	33.3	21.0	90	30	12.3	1080	602
7-24-88	31.5	11.8	0.00	4.32	6.78	66	M	34.1	22.8	89	29	13.2	1097	613
7-25-88	26.6	12.7	0.00	2.03	5.91	291	M	33.4	24.8	89	41	14.9	1112	623
7-26-88	28.0	9.6	2.03	5.33	7.25	299	M	34.2	21.6	90	31	10.8	1127	632
7-27-88	32.9	12.3	0.00	6.86	7.34	299	M	35.3	24.1	89	25	12.4	1145	644
7-28-88	38.8	16.0	0.00	7.62	7.44	61	M	37.4	25.9	86	11	13.4	1168	662
7-29-88	37.8	18.0	0.00	4.06	6.71	294	M	35.7	26.4	82	23	14.9	1191	680
7-30-88	36.1	18.9	0.00	6.86	5.27	296	M	34.9	26.8	88	37	18.6	1214	697
7-31-88	29.7	11.9	0.00	3.56	7.62	303	M	36.0	22.2	90	28	12.4	1231	708
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	30.3	12.2	25.914	9.11	6.83	229	M	34.4	22.8	89	35	13.2	522	349

CLOQUET

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE	ACCM D.D. BASE
													4.44	10
8-1-88	35.3	13.5	2.54	5.84	5.39	305	M	32.0	23.3	90	35	16.6	1251	722
8-2-88	30.3	15.5	8.38	2.03	5.62	78	M	33.4	23.5	89	55	16.8	1269	735
8-3-88	23.9	16.3	0.25	2.03	2.13	50	M	27.1	22.8	90	77	17.2	1285	745
8-4-88	29.4	16.8	10.41	3.05	4.83	35	M	30.8	22.2	91	65	19.0	1303	758
8-5-88	20.6	16.6	7.11	1.52	1.88	314	M	25.6	22.7	89	80	16.4	1317	767
8-6-88	25.2	13.5	21.59	5.59	5.63	292	M	27.9	20.8	89	51	14.2	1332	776
8-7-88	33.7	11.8	9.91	5.59	7.17	289	M	32.2	19.8	89	32	15.5	1351	789
8-8-88	33.2	17.8	0.00	2.54	4.29	46	M	31.0	23.0	91	41	17.2	1372	805
8-9-88	24.7	13.4	24.89	4.06	5.78	308	M	29.7	21.6	92	55	14.5	1386	814
8-10-88	26.8	10.1	0.00	5.33	7.14	300	M	31.5	19.9	88	36	11.4	1400	822
8-11-88	31.6	14.5	0.00	4.32	6.76	180	M	32.9	21.1	86	36	15.0	1419	835
8-12-88	32.0	18.0	0.00	4.83	5.34	289	M	34.0	23.3	86	40	17.4	1440	850
8-13-88	26.8	17.4	0.00	M	3.08	79	1.6	28.7	22.8	87	71	17.8	1457	862
8-14-88	20.6	17.7	31.24	1.52	0.98	334	1.0	24.4	21.9	92	83	16.9	1472	871
8-15-88	28.3	15.9	50.04	2.29	5.37	285	M	31.1	21.0	91	55	17.2	1490	884
8-16-88	32.2	13.5	0.76	2.03	6.52	41	M	34.9	20.4	87	49	17.8	1508	896
8-17-88	36.0	18.6	0.00	4.06	5.91	79	M	36.6	23.7	86	51	19.6	1531	914
8-18-88	19.3	15.9	0.00	3.30	0.62	73	M	25.7	17.9	85	73	13.7	1544	921
8-19-88	22.2	10.0	0.00	3.81	6.31	71	M	28.9	21.4	84	46	9.9	1556	927
8-20-88	23.3	7.5	0.00	2.79	6.16	66	0.9	29.1	20.3	88	56	10.6	1567	933
8-21-88	23.0	8.7	0.00	2.03	3.81	79	1.0	26.7	21.2	88	61	12.4	1578	939
8-22-88	22.9	13.4	0.00	0.00	3.36	83	1.4	25.6	21.3	87	68	13.5	1592	947
8-23-88	18.4	11.2	0.00	2.29	0.98	58	0.9	23.1	19.5	89	80	13.9	1602	952
8-24-88	20.7	12.6	18.29	2.03	4.04	270	1.4	22.6	17.6	89	63	12.3	1614	958
8-25-88	23.9	12.7	1.78	2.79	4.11	292	1.8	25.1	18.1	86	46	12.0	1628	966
8-26-88	20.2	9.9	0.00	2.29	3.92	297	2.0	23.4	17.4	88	59	9.6	1639	972
8-27-88	23.6	8.2	0.00	2.79	5.22	282	1.1	25.3	16.0	88	44	10.4	1650	977
8-28-88	16.9	7.3	1.78	2.79	3.81	296	1.7	22.4	18.1	88	51	8.2	1658	980
8-29-88	17.1	4.9	0.00	1.27	3.56	296	1.4	21.7	15.2	89	60	7.7	1664	981
8-30-88 *	19.4	3.3	0.00	1.78	M	M	M	M	M	M	M	M	1671	982
8-31-88 *	23.3	6.7	0.00	2.29	M	M	M	M	M	M	M	M	1682	987
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	25.3	12.7	188.97	88.88	4.47	189	M	29.4	21.4	88	56	14.8	451	279
9-1-88	22.5	12.5	0.00	6.86	3.64	78	1.2	24.9	18.7	87	69	12.8	1695	994
9-2-88 *	23.3	13.3	0.00	1.78	M	M	M	M	M	M	M	M	1709	1003
9-3-88 *	22.8	10.6	45.72	2.03	M	M	M	M	M	M	M	M	1721	1009
9-4-88 *	20.6	12.2	0.00	2.29	M	M	M	M	M	M	M	M	1733	1016
9-5-88 *	17.8	4.4	1.02	3.05	M	M	M	M	M	M	M	M	1740	1017
9-6-88 *	19.4	0.0	0.00	2.29	M	M	M	M	M	M	M	M	1745	1017
9-7-88 *	23.9	5.0	0.00	3.30	M	M	M	M	M	M	M	M	1755	1021
9-8-88 *	23.3	9.4	0.00	3.30	M	M	M	M	M	M	M	M	1767	1028
9-9-88	21.8	9.3	0.00	5.33	3.66	289	1.5	24.2	17.6	80	26	6.8	1778	1033
9-10-88	23.1	4.5	0.00	2.79	0.90	285	1.2	25.1	19.2	86	23	2.2	1787	1037
9-11-88	19.1	2.5	0.00	1.02	2.61	82	0.8	19.9	15.2	88	44	5.9	1794	1038
9-12-88	22.6	11.2	0.00	1.52	4.36	90	1.4	23.9	15.4	87	63	11.2	1806	1045
9-13-88	17.7	4.1	0.00	2.79	2.44	304	2.0	20.0	15.6	87	66	9.4	1813	1046
9-14-88	23.0	1.4	3.30	2.03	5.12	286	1.5	22.6	12.3	88	38	6.0	1820	1048
9-15-88	21.3	2.8	0.00	1.78	5.06	296	0.9	22.9	13.5	87	34	5.1	1828	1050
9-16-88	16.7	6.6	0.00	1.02	1.72	82	1.1	18.8	15.4	87	67	8.5	1835	1052
9-17-88	17.1	10.8	0.00	0.25	0.62	85	1.0	17.3	15.3	89	85	11.4	1845	1056
9-18-88	27.2	13.0	23.88	2.54	4.54	279	0.6	24.0	16.2	90	46	13.9	1860	1066
9-19-88	22.8	12.9	2.03	5.59	3.03	88	0.8	21.8	17.1	86	70	12.9	1874	1073
9-20-88	20.8	9.6	4.57	M	0.99	68	M	20.9	17.3	89	80	13.9	1885	1079
9-21-88	11.5	6.7	8.38	0.76	2.14	302	M	17.3	14.5	86	74	5.6	1889	1079
9-22-88	15.1	6.6	54.10	0.76	2.54	69	M	18.1	13.5	86	70	6.5	1896	1080
9-23-88	16.9	7.7	0.00	2.29	1.51	309	M	17.9	14.0	88	70	8.9	1903	1082
9-24-88	18.8	3.5	1.52	2.03	4.70	280	M	19.0	11.1	86	31	3.5	1910	1083
9-25-88	22.1	2.2	0.00	2.79	3.87	293	M	19.3	11.4	87	39	5.0	1918	1085
9-26-88	15.9	6.2	0.00	0.51	3.05	322	M	17.9	12.3	87	50	6.0	1925	1086
9-27-88	17.2	6.3	0.00	0.76	2.63	86	M	18.2	13.0	87	76	8.5	1932	1088
9-28-88	14.7	6.3	4.57	1.02	2.44	341	M	16.8	12.3	86	60	5.9	1938	1088
9-29-88	10.6	5.6	0.00	0.25	1.64	91	M	14.3	11.5	86	68	4.3	1942	1088
9-30-88	12.1	7.9	1.52	0.25	0.79	81	M	14.5	12.1	86	83	7.7	1947	1088
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	19.4	7.2	150.61	62.98	M	M	M	M	M	M	M	M	265	101

CLOQUET

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 4.44	ACCM D.D. BASE 10
10-1-88	17.3	10.7	3.56	1.78	1.15	258	M	16.6	13.5	87	77	10.7	1957	1092
10-2-88	19.2	3.0	0.00	2.29	3.54	290	M	18.6	13.2	85	39	6.3	1963	1094
10-3-88	12.7	0.0	0.00	0.76	3.05	294	M	15.4	10.8	87	49	2.0	1965	1094
10-4-88	8.8	-0.6	0.00	2.29	3.22	297	M	13.6	9.8	86	50	-1.0	1965	1094
10-5-88	7.9	-4.6	1.02	1.27	3.88	304	M	13.9	7.4	87	47	-4.2	1965	1094
10-6-88	9.3	-6.6	0.00	1.78	3.96	288	M	12.4	5.4	88	40	-4.5	1965	1094
10-7-88	14.8	-4.9	0.00	2.03	3.74	272	M	13.5	5.7	87	28	-2.9	1966	1094
10-8-88	18.2	2.4	0.00	1.02	2.79	266	M	13.8	7.4	85	45	3.2	1972	1094
10-9-88	15.4	0.7	0.00	2.03	2.97	81	M	15.2	8.4	87	65	4.8	1975	1094
10-10-88	19.5	6.6	0.00	2.03	3.11	318	M	17.2	11.1	87	44	5.9	1984	1097
10-11-88	13.4	2.2	0.00	1.78	2.76	300	M	14.8	10.2	61	43	-0.1	1987	1097
10-12-88	7.7	-4.1	0.00	1.02	3.22	295	M	12.2	6.8	85	41	-5.4	1987	1097
10-13-88	7.8	-8.2	0.00	1.27	3.49	303	M	10.8	4.7	87	21	-8.6	1987	1097
10-14-88	15.8	-5.1	0.00	1.27	3.16	97	M	11.5	4.3	86	35	-2.6	1988	1097
10-15-88	22.5	-0.6	0.00	1.02	3.05	110	M	14.3	6.3	86	40	3.7	1995	1098
10-16-88	20.3	4.0	0.00	0.76	2.67	90	M	14.8	8.3	87	54	6.2	2002	1100
10-17-88	15.0	0.2	0.00	0.76	1.62	287	M	13.8	9.2	87	45	5.2	2005	1100
10-18-88	6.9	-1.2	3.81	M	1.02	292	M	9.9	6.3	87	70	0.1	2005	1100
10-19-88	7.0	-3.1	1.27	M	1.22	292	M	8.3	4.8	88	70	-0.5	2005	1100
10-20-88	9.8	-2.8	1.52	M	2.79	290	M	9.6	4.3	87	48	-1.5	2005	1100
10-21-88	4.3	-4.3	2.29	M	0.69	59	M	6.0	4.3	87	76	-1.4	2005	1100
10-22-88	7.6	-1.5	4.06	M	1.79	292	M	7.8	4.9	87	49	-0.9	2005	1100
10-23-88	9.1	-6.4	2.03	M	2.54	80	M	7.1	3.6	87	38	-3.7	2005	1100
10-24-88	4.5	-0.7	0.00	M	0.75	306	M	6.8	4.9	86	76	-0.5	2005	1100
10-25-88	-0.5	-1.6	2.03	M	0.72	301	M	4.9	3.6	79	65	-5.0	2005	1100
10-26-88	0.1	-2.4	0.00	M	0.67	298	M	3.7	3.2	74	65	-6.1	2005	1100
10-27-88	2.4	-3.1	0.00	M	1.69	286	M	4.9	2.8	87	59	-5.5	2005	1100
10-28-88	3.5	-3.2	0.00	M	0.32	336	M	4.4	3.3	87	72	-1.8	2005	1100
10-29-88	-1.9	-9.1	2.29	M	2.12	297	M	3.7	2.5	75	50	-10.2	2005	1100
10-30-88	-1.5	-11.2	0.00	M	2.26	295	M	2.5	1.6	85	39	-12.5	2005	1100
10-31-88	2.5	-12.6	0.00	M	1.42	320	M	1.7	1.0	86	41	-10.9	2005	1100
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	9.7	-2.2	23.88	M	2.30	255	M	10.4	6.2	85	51	-1.3	58	20

CROOKSTON

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE	ACCM D.D. BASE
													4.44	7.22
4-1-88	10.2	-2.0	0.00	M	5.46	185	5.3	5.3	0.2	75	51	-2.4	0	0
4-2-88	15.7	0.7	0.00	M	4.57	127	2.7	7.9	0.2	84	35	0.6	4	1
4-3-88	13.4	1.8	0.00	M	2.74	142	1.7	7.6	2.3	88	76	4.9	7	1
4-4-88	17.8	3.7	0.00	M	3.23	194	2.7	9.1	3.3	85	40	5.3	13	5
4-5-88	13.5	1.5	0.00	M	4.31	310	3.1	7.9	2.0	77	48	0.9	16	5
4-6-88	19.2	-2.1	0.00	M	5.53	227	2.5	9.3	1.0	88	32	1.5	20	6
4-7-88	24.5	2.2	0.00	M	5.48	122	3.6	11.3	2.6	85	28	3.8	29	13
4-8-88	22.3	3.0	0.00	M	3.24	168	6.7	10.2	5.9	70	43	4.6	37	18
4-9-88	5.2	-2.0	0.00	M	2.25	318	4.3	5.9	1.4	77	51	-4.1	37	18
4-10-88	10.8	-3.2	0.00	M	5.80	271	2.8	7.5	0.5	85	30	-3.4	37	18
4-11-88	19.1	-0.6	0.00	M	5.78	203	4.8	9.0	1.0	75	16	-4.6	42	20
4-12-88	17.0	2.2	0.00	M	5.27	329	3.6	10.0	2.6	57	18	-4.6	47	22
4-13-88	7.3	-3.2	0.00	M	5.68	345	4.8	6.5	2.4	72	35	-7.5	47	22
4-14-88	7.7	-6.0	0.00	M	6.08	344	4.2	5.6	0.6	71	26	-9.7	47	22
4-15-88	12.2	-6.5	0.00	M	6.20	335	2.3	8.5	0.5	73	27	-7.0	47	22
4-16-88	25.9	-0.3	0.00	M	5.27	238	6.3	10.6	1.5	55	13	-6.0	56	28
4-17-88	4.6	-5.4	0.00	M	5.77	351	6.3	7.7	3.1	68	23	-10.5	56	28
4-18-88	7.1	-9.3	0.00	M	6.38	342	3.3	7.6	0.9	58	19	-14.8	56	28
4-19-88	13.9	-9.1	0.00	M	6.11	295	3.6	8.3	0.8	64	16	-13.1	56	28
4-20-88	6.6	-5.8	0.00	M	6.22	354	3.7	8.4	1.6	64	21	-13.6	56	28
4-21-88	7.4	-7.3	0.00	M	4.45	353	2.7	6.8	1.2	54	39	-8.6	56	28
4-22-88	10.1	-2.1	0.00	M	4.38	16	2.5	9.2	2.9	65	36	-5.2	56	28
4-23-88	11.9	-3.2	0.00	M	5.72	1	2.3	10.6	2.7	73	23	-6.8	56	28
4-24-88	17.5	1.2	0.00	M	3.67	232	6.2	8.7	3.6	50	17	-6.7	61	30
4-25-88	6.0	-0.7	0.00	M	2.98	322	4.8	6.3	3.8	67	50	-3.2	61	30
4-26-88	9.2	-1.8	0.00	M	3.13	338	3.2	6.8	2.9	73	29	-6.3	61	30
4-27-88	16.4	-4.5	0.00	M	6.70	300	2.0	12.4	2.2	67	16	-9.6	62	30
4-28-88	21.8	-2.3	0.00	M	6.72	202	2.4	14.1	4.0	41	13	-10.7	68	33
4-29-88	25.5	7.3	0.00	M	6.72	157	4.7	15.6	6.7	44	12	-8.4	79	42
4-30-88	24.2	11.2	0.00	M	3.92	155	7.4	14.3	10.5	81	19	5.4	93	52
	MEAN 14.1	MEAN -1.4	TOTL 0	TOTL M	MEAN 4.99	MEAN 242	MEAN 3.9	MEAN 9.0	MEAN 2.5	MEAN 70	MEAN 30	MEAN -4.7	TOTL 93	TOTL 52
5-1-88	26.5	16.7	0.00	M	4.07	161	9.4	15.5	11.7	47	19	4.0	110	67
5-2-88	27.2	11.2	0.00	M	4.53	164	7.3	16.6	12.8	64	15	0.7	125	79
5-3-88	23.1	4.8	0.00	M	6.70	338	3.7	17.4	10.7	78	27	2.9	134	85
5-4-88	17.4	1.0	0.00	M	6.18	354	4.6	14.2	9.3	76	37	-0.4	139	87
5-5-88	22.7	0.3	0.00	M	6.65	24	2.4	15.6	8.3	78	29	1.6	146	92
5-6-88	28.9	7.9	1.27	M	4.99	155	7.1	15.9	10.3	66	15	4.1	160	103
5-7-88	23.7	9.3	10.41	M	3.22	160	6.5	15.0	11.6	86	39	9.4	172	112
5-8-88	21.9	8.0	2.03	M	5.21	3	3.4	16.0	9.8	85	61	11.0	182	120
5-9-88	21.5	6.8	0.00	M	6.79	343	5.3	16.1	9.8	83	19	2.3	192	127
5-10-88	19.8	7.8	0.00	M	7.22	352	3.4	18.6	10.7	76	15	-2.0	201	133
5-11-88	20.7	11.7	2.03	M	7.31	321	4.1	19.4	12.2	61	32	3.3	213	142
5-12-88	23.1	0.6	6.35	M	4.26	297	4.8	18.1	9.8	85	47	7.9	221	147
5-13-88	17.7	-3.2	0.00	M	7.67	180	2.8	17.7	6.6	84	16	-5.4	223	147
5-14-88	26.1	9.8	5.84	M	5.29	199	6.5	17.2	10.7	58	25	2.2	237	158
5-15-88	15.2	5.3	0.00	M	1.41	303	6.6	14.3	8.9	86	47	5.0	243	161
5-16-88	19.4	2.2	0.00	M	7.54	1	2.3	19.4	7.2	87	22	1.2	249	164
5-17-88	23.2	7.6	0.00	M	7.67	157	6.5	18.9	10.7	65	15	-0.2	260	172
5-18-88	32.1	15.4	1.02	M	5.88	167	7.9	20.6	13.8	84	27	9.5	279	189
5-19-88	17.1	13.1	1.02	M	1.43	337	2.6	17.2	13.5	84	81	13.0	290	197
5-20-88	20.0	13.1	0.00	M	4.59	349	2.4	18.1	12.5	84	60	11.8	302	206
5-21-88	14.6	12.2	6.10	M	1.12	5	2.1	15.4	12.6	84	81	10.8	311	212
5-22-88	26.3	9.8	0.00	M	6.82	34	1.7	19.9	11.2	84	25	8.1	325	223
5-23-88	27.4	8.1	0.00	M	7.61	350	1.9	22.9	12.1	86	14	4.0	338	234
5-24-88	24.7	6.1	0.00	M	7.69	113	2.4	22.9	13.1	69	14	-1.7	349	242
5-25-88	30.2	11.6	0.00	M	7.15	195	6.4	22.5	14.6	56	21	4.9	365	256
5-26-88	27.7	10.9	1.27	M	6.47	26	1.7	25.6	15.8	83	18	7.5	380	268
5-27-88	31.2	10.8	0.00	M	7.81	133	1.4	26.9	15.4	85	14	9.4	397	281
5-28-88	31.5	17.7	0.00	M	4.41	157	3.9	24.3	19.0	77	38	16.6	417	299
5-29-88	32.1	18.6	0.00	M	6.99	151	5.3	26.3	18.9	76	40	16.1	438	317
5-30-88	31.7	20.8	0.00	M	6.18	163	6.4	25.8	20.1	70	38	16.5	460	336
5-31-88	32.4	21.5	3.56	M	6.80	170	6.0	26.9	20.4	77	41	17.3	482	356
	MEAN 24.4	MEAN 9.6	TOTL 40.9	TOTL M	MEAN 5.73	MEAN 189	MEAN 4.5	MEAN 19.4	MEAN 12.4	MEAN 76	MEAN 32	MEAN 6.2	TOTL 390	TOTL 304

CROOKSTON

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE	ACCM D.D. BASE	
													4.44	7.22	
6-1-88	30.4	19.6	0.00	M	6.68	175	3.9	27.2	19.9	79	40	17.8	503	373	
6-2-88	33.6	17.9	0.25	M	7.13	247	2.0	29.9	19.8	81	28	16.2	524	392	
6-3-88	32.5	17.8	0.00	M	7.40	357	1.8	30.7	20.8	80	33	15.6	545	410	
6-4-88	34.4	17.3	0.00	M	6.99	170	2.7	29.9	21.3	81	29	15.3	566	428	
6-5-88	34.0	20.6	0.00	M	7.20	165	4.5	29.5	22.0	67	33	15.5	589	448	
6-6-88	33.6	18.5	0.00	M	7.92	181	4.1	29.6	21.6	62	20	11.3	611	467	
6-7-88	35.6	18.0	0.00	M	7.74	157	3.1	30.5	21.4	61	25	13.2	633	487	
6-8-88	25.9	10.1	0.00	M	6.80	82	3.2	27.3	21.9	77	42	11.0	647	498	
6-9-88	26.3	5.4	0.00		7.62	8.17	158	3.1	27.6	17.8	76	14	0.2	658	506
6-10-88	30.5	12.5	0.00		14.48	7.65	172	4.6	27.3	19.0	52	12	0.4	675	521
6-11-88	35.0	17.9	0.00		16.00	7.40	180	5.6	28.3	20.2	40	20	6.2	697	540
6-12-88	28.4	16.2	7.62		6.86	2.63	346	2.2	24.7	19.4	81	33	12.7	715	555
6-13-88	28.9	15.4	12.45		2.54	4.73	9	1.6	25.9	18.1	83	34	13.7	732	570
6-14-88	17.5	13.5	2.79		0.00	1.09	331	3.2	21.5	16.3	85	65	12.9	744	578
6-15-88	23.2	11.5	0.00		6.10	6.91	293	3.0	22.3	14.3	83	49	12.0	756	588
6-16-88	24.3	8.6	0.00		7.62	7.58	140	2.0	27.0	13.8	84	41	10.8	768	597
6-17-88	29.9	15.1	0.00		9.14	7.39	175	5.2	28.6	17.8	73	47	15.3	786	613
6-18-88	31.0	19.1	7.11		11.43	4.30	179	3.6	27.3	21.3	82	61	19.7	807	630
6-19-88	33.7	16.6	0.00		13.72	7.97	295	2.9	30.3	19.2	82	14	13.6	828	648
6-20-88	32.3	12.0	7.62		5.08	7.84	151	3.3	31.1	19.0	83	22	10.5	846	663
6-21-88	31.9	18.8	0.00		5.08	5.04	177	3.8	28.1	21.9	83	34	19.8	866	681
6-22-88	26.7	14.2	0.76		7.11	6.02	7	1.8	29.0	18.9	79	29	10.5	882	695
6-23-88	27.5	15.7	0.00		6.35	4.71	161	4.4	25.7	19.9	79	54	14.9	900	709
6-24-88	33.2	18.9	0.00		7.11	6.18	206	3.7	31.5	20.6	81	24	17.7	921	728
6-25-88	26.9	14.9	0.00		11.43	7.51	344	3.3	30.7	21.3	80	40	12.9	938	741
6-26-88	29.0	11.6	0.00		8.89	7.79	126	1.7	32.4	20.1	84	32	11.5	953	754
6-27-88	32.4	17.3	0.00		13.21	7.50	155	5.0	31.1	22.1	69	33	13.7	974	772
6-28-88	26.7	15.8	0.00		9.65	6.22	54	3.2	30.7	23.2	75	46	15.5	991	786
6-29-88	25.7	11.1	0.00		11.43	8.22	50	3.6	29.5	20.1	61	19	2.4	1004	797
6-30-88	27.2	8.1	0.00		8.38	7.88	136	3.0	29.8	19.1	63	21	4.4	1018	808
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL	
	29.6	15	38.6	M	6.62	179	3.3	28.5	19.7	75	33	12.2	536	452	
7-1-88	25.3	13.2	0.00		7.62	5.45	182	2.9	27.1	20.5	63	36	8.3	1033	820
7-2-88	28.8	9.8	0.00		8.64	7.38	205	3.0	29.0	18.8	79	35	10.5	1047	832
7-3-88	32.1	15.8	0.00		11.43	6.35	181	4.4	28.3	20.9	71	33	13.5	1067	849
7-4-88	34.4	20.0	0.00		8.38	4.95	112	3.1	30.8	22.1	77	47	19.7	1090	869
7-5-88	40.0	21.8	2.03		13.97	6.87	154	5.1	32.4	23.9	81	21	19.3	1116	892
7-6-88	38.4	21.8	3.05		10.92	6.23	149	5.3	31.3	24.4	81	32	20.4	1142	915
7-7-88	28.3	16.3	0.25		8.38	4.07	261	3.0	27.1	22.4	82	41	15.8	1160	930
7-8-88	31.8	13.2	0.00		9.91	7.76	181	2.5	31.3	19.0	84	18	11.5	1178	945
7-9-88	29.4	14.3	0.00		9.14	7.09	336	3.3	31.4	22.0	81	31	13.1	1195	960
7-10-88	20.7	11.3	0.00		7.62	5.20	341	2.8	26.3	20.9	81	50	10.2	1207	969
7-11-88	26.6	7.3	0.00		7.62	7.00	2	1.6	29.2	18.1	84	30	8.2	1219	979
7-12-88	29.2	12.3	15.24		3.56	5.47	150	4.0	27.4	20.3	83	35	13.0	1236	992
7-13-88	28.3	15.6	0.00		11.18	7.49	274	4.0	28.1	19.5	82	21	13.9	1253	1007
7-14-88	29.9	12.4	0.00		7.37	5.10	69	2.1	28.4	18.8	83	37	13.5	1270	1021
7-15-88	29.1	15.8	0.00		10.41	7.04	334	3.5	31.3	21.9	80	19	13.0	1288	1036
7-16-88	30.3	10.6	0.00		8.64	6.57	192	2.2	31.1	19.9	84	21	10.4	1304	1049
7-17-88	29.9	11.9	0.00		8.89	6.99	319	2.0	31.2	20.6	83	18	9.0	1320	1063
7-18-88	28.4	14.6	0.25		8.89	6.24	319	2.5	31.0	22.1	81	22	9.5	1337	1077
7-19-88	29.8	11.8	1.27		6.35	6.01	279	2.2	29.6	20.3	90	11	10.0	1354	1091
7-20-88	29.6	11.9	0.00		7.62	6.51	341	2.3	29.6	20.8	95	44	12.7	1370	1104
7-21-88	33.7	10.4	0.00		7.62	6.87	307	1.3	31.4	20.5	98	35	11.1	1388	1119
7-22-88	35.8	11.9	0.00		13.46	6.98	176	3.1	31.8	21.7	96	22	7.8	1407	1136
7-23-88	35.4	10.5	8.38		16.00	5.22	180	4.3	30.2	22.9	92	35	11.9	1425	1152
7-24-88	31.4	8.9	0.00		8.38	7.25	356	1.9	30.2	19.2	97	32	8.6	1441	1164
7-25-88	33.0	7.9	0.00		11.43	5.68	170	3.0	29.0	20.4	97	29	8.1	1457	1178
7-26-88	37.8	16.5	0.00		11.68	6.80	193	2.7	32.8	22.2	73	22	8.3	1480	1198
7-27-88	39.5	26.4	0.00		12.95	7.56	137	1.6	34.1	28.7	37	9	7.2	1508	1223
7-28-88	35.3	24.2	0.00		12.19	5.05	191	4.8	30.9	25.6	56	27	14.9	1534	1246
7-29-88	31.7	16.5	0.00		11.18	6.71	312	4.4	32.3	24.9	73	18	12.3	1553	1263
7-30-88	33.3	11.7	3.05		10.67	7.21	158	1.8	33.1	22.2	73	10	5.1	1571	1278
7-31-88	32.6	20.3	13.21		12.70	7.05	322	4.4	31.6	23.9	72	15	11.7	1593	1297
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL	
	31.6	14.4	46.73	304.8	6.39	222	3.1	30.3	21.6	80	28	11.7	575	489	

CROOKSTON

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE	ACCM D.D. BASE
													4.44	7.22
8-1-88	23.5	16.4	22.61	7.62	0.96	80	2.0	26.3	20.1	85	27	15.5	1609	1310
8-2-88	29.7	20.0	0.00	4.06	5.21	185	1.7	27.9	19.9	83	58	19.2	1629	1328
8-3-88	28.2	18.0	0.00	5.84	3.21	300	2.1	26.7	21.2	83	45	17.3	1648	1343
8-4-88	27.4	13.1	1.78	6.60	5.15	306	2.3	29.3	18.4	84	42	13.8	1664	1356
8-5-88	32.5	16.2	0.00	M	6.52	216	3.1	30.7	19.1	85	16	12.2	1684	1374
8-6-88	36.4	18.2	0.00	M	5.92	176	5.1	30.9	21.1	81	14	15.3	1706	1394
8-7-88	29.1	14.7	0.00	M	3.68	282	4.5	28.2	23.2	73	28	13.2	1724	1408
8-8-88	24.1	9.7	0.00	4.57	4.19	312	1.9	26.2	19.0	81	35	7.8	1736	1418
8-9-88	30.6	11.3	0.00	11.68	6.81	191	3.9	29.6	18.5	84	20	10.2	1753	1432
8-10-88	37.4	26.2	0.00	16.76	1.60	198	6.4	31.5	26.3	53	24	14.0	1780	1456
8-11-88	36.7	21.1	0.00	9.40	6.08	84	2.8	33.4	23.5	78	24	14.2	1805	1478
8-12-88	32.5	20.1	5.33	5.33	4.98	156	2.7	32.3	23.9	85	48	18.6	1827	1497
8-13-88	24.9	20.3	6.60	2.03	1.05	297	2.3	27.1	21.5	96	85	20.6	1845	1512
8-14-88	29.9	19.9	0.00	7.37	6.10	269	2.7	29.8	19.9	96	46	19.2	1865	1530
8-15-88	36.3	19.9	0.51	6.60	6.07	170	3.1	33.6	21.3	90	49	21.8	1889	1551
8-16-88	33.3	21.5	0.00	7.62	5.21	43	1.9	33.8	24.3	93	63	23.1	1912	1571
8-17-88	25.0	19.5	0.00	6.35	1.74	23	1.8	27.4	23.7	94	77	19.0	1930	1586
8-18-88	28.7	16.9	0.00	7.37	5.11	52	1.6	31.1	21.9	91	45	16.2	1948	1602
8-19-88	28.2	11.9	0.00	8.64	5.63	160	3.2	29.8	20.4	86	40	13.9	1964	1614
8-20-88	31.5	18.7	0.00	8.89	4.73	171	4.1	29.9	21.9	88	42	18.0	1984	1632
8-21-88	28.6	20.2	0.51	7.62	3.27	154	7.4	26.8	22.8	86	56	19.0	2004	1650
8-22-88	31.0	15.6	0.00	10.67	4.97	253	3.4	28.8	20.4	98	25	14.2	2023	1666
8-23-88	25.3	14.1	0.00	7.37	3.49	289	4.7	25.3	19.8	74	43	11.1	2038	1678
8-24-88	30.8	10.4	0.00	13.21	5.24	307	4.0	27.5	18.1	81	22	8.6	2054	1692
8-25-88	24.3	9.9	0.00	11.43	4.86	326	4.4	24.9	18.2	64	36	7.0	2067	1701
8-26-88	26.9	6.5	1.52	8.64	4.09	243	2.9	25.2	16.4	85	26	8.5	2079	1711
8-27-88	20.0	8.6	0.00	7.11	5.10	324	4.2	22.3	15.3	85	32	6.3	2089	1718
8-28-88	20.4	7.8	0.00	5.08	4.14	311	3.0	21.9	15.4	80	42	6.5	2099	1725
8-29-88	21.7	5.4	0.00	5.84	3.82	12	1.8	22.4	14.3	89	49	7.9	2108	1731
8-30-88	26.0	7.8	0.00	7.11	5.84	148	3.5	25.1	14.8	93	36	9.4	2120	1741
8-31-88	29.1	17.2	0.76	7.11	3.66	171	3.9	25.0	18.3	71	42	12.3	2139	1757
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	28.7	15.4	39.62	M	4.47	200	3.3	28.1	20.1	84	40	14.0	546	460
9-1-88	29.7	10.2	0.00	7.87	5.64	295	2.8	26.9	17.3	96	19	9.2	2155	1769
9-2-88	22.6	14.8	0.00	M	3.93	331	3.6	23.8	18.6	79	40	9.4	2169	1781
9-3-88	25.9	13.0	0.00	M	5.39	2	3.0	26.4	17.6	87	40	11.0	2184	1793
9-4-88	21.9	8.6	0.00	M	5.69	5	3.0	25.6	18.0	90	33	6.9	2195	1801
9-5-88	21.3	6.9	0.00	M	4.88	351	2.1	24.2	16.0	74	37	4.6	2204	1808
9-6-88	24.6	4.2	0.00	M	5.61	167	3.1	24.6	14.2	84	19	2.9	2214	1815
9-7-88	26.8	15.0	0.25	M	3.40	188	5.9	21.9	17.2	54	36	7.3	2231	1829
9-8-88	21.5	10.1	0.00	M	5.14	277	5.8	22.2	15.9	74	21	2.5	2242	1838
9-9-88	23.7	5.3	0.00	M	5.41	284	4.9	22.7	15.2	60	15	-2.4	2252	1845
9-10-88	22.0	3.3	0.51	M	2.68	83	2.1	19.5	13.5	64	37	3.9	2260	1850
9-11-88	20.7	11.6	1.27	M	0.86	6	3.3	17.7	15.5	96	58	12.2	2272	1859
9-12-88	14.0	6.8	0.00	M	1.68	324	3.9	16.1	12.7	97	68	8.4	2278	1862
9-13-88	24.5	4.9	0.00	M	5.08	291	3.0	21.4	10.7	89	33	6.0	2288	1870
9-14-88	24.8	2.3	0.00	M	4.65	142	1.3	22.5	11.7	97	24	3.3	2297	1876
9-15-88	22.1	12.3	12.45	M	2.17	134	2.9	20.0	15.6	96	44	9.7	2310	1886
9-16-88	20.2	15.4	18.80	M	0.57	166	2.4	16.3	14.4	96	94	17.4	2323	1897
9-17-88	24.8	15.7	0.00	M	4.06	187	2.0	21.4	12.8	96	69	17.5	2339	1910
9-18-88	22.1	12.5	36.58	M	1.35	7	3.0	18.0	14.7	96	81	14.5	2352	1920
9-19-88	12.9	6.4	3.81	M	0.81	345	6.4	14.8	10.1	97	92	8.9	2357	1922
9-20-88	8.6	4.1	0.25	M	1.55	339	3.6	11.5	8.5	98	89	5.8	2359	1922
9-21-88	11.8	7.9	0.25	M	1.33	138	1.6	13.0	9.8	97	86	8.2	2365	1925
9-22-88	18.4	6.2	0.00	M	3.50	284	3.4	15.7	10.7	98	43	8.5	2373	1930
9-23-88	20.8	4.7	0.00	M	4.67	275	2.9	18.0	7.9	87	30	4.8	2381	1935
9-24-88	24.4	8.8	0.00	M	3.35	213	4.0	18.1	10.8	89	37	7.9	2393	1945
9-25-88	11.9	3.9	0.25	M	1.70	75	1.7	13.5	9.8	99	80	7.0	2396	1946
9-26-88	24.0	6.8	0.00	M	4.24	306	2.9	19.3	9.0	95	39	8.5	2407	1954
9-27-88	13.3	7.0	1.02	M	1.85	2	2.4	15.0	11.3	90	66	6.2	2413	1957
9-28-88	11.3	6.7	0.51	M	1.17	48	2.5	11.9	10.1	97	81	7.6	2418	1958
9-29-88	14.6	7.7	0.00	M	2.41	191	2.0	15.3	9.8	98	75	8.8	2424	1962
9-30-88	20.1	8.3	0.00	M	4.04	193	5.3	16.9	9.3	97	61	10.8	2434	1969
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	20.2	8.4	75.95	M	3.29	188	3.2	19.14	13.0	89	52	7.9	295	212

CROOKSTON

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE	ACCM D.D. BASE
10-1-88	17.4	2.5	0.00	M	4.17	337	3.3	17.7	10.5	96	44	5.5	2440	1972
10-2-88	14.3	1.6	0.76	M	4.05	314	2.7	16.1	8.2	87	45	2.3	2443	1973
10-3-88	9.4	-1.2	0.00	M	2.50	348	4.7	11.6	7.2	93	50	0.0	2443	1973
10-4-88	9.3	-5.4	0.00	M	4.08	353	2.0	13.0	3.8	91	46	-3.7	2443	1973
10-5-88	12.5	-3.3	0.00	M	3.50	173	2.2	12.8	4.5	94	34	-2.6	2443	1973
10-6-88	17.1	0.9	0.00	M	3.82	203	4.1	13.8	5.5	77	31	-0.5	2448	1974
10-7-88	22.7	4.3	0.00	M	3.73	265	2.7	16.4	7.4	87	32	4.6	2457	1981
10-8-88	22.2	1.3	0.00	M	3.63	78	1.0	17.5	7.6	96	44	5.9	2464	1985
10-9-88	22.1	4.8	0.00	M	3.35	286	3.0	16.2	8.5	96	37	5.4	2473	1992
10-10-88	13.4	0.6	0.00	M	3.70	341	5.1	14.2	9.3	70	38	0.0	2476	1992
10-11-88	9.9	-2.9	0.00	M	3.68	346	2.0	13.3	5.5	89	40	-3.6	2476	1992
10-12-88	14.5	-3.6	0.00	M	3.41	155	3.4	12.9	5.4	85	33	-2.8	2477	1992
10-13-88	19.3	5.7	0.00	M	3.38	178	5.8	14.1	7.4	67	42	2.5	2485	1997
10-14-88	26.7	7.5	0.00	M	3.31	179	3.8	17.1	9.1	84	35	7.3	2498	2007
10-15-88	21.7	11.1	0.00	M	1.78	249	3.5	15.5	11.9	93	43	9.1	2509	2016
10-16-88	14.1	4.2	0.76	M	3.21	321	3.2	15.1	10.1	97	50	5.7	2514	2018
10-17-88	8.8	3.3	0.51	M	2.00	355	2.6	11.8	8.9	94	56	2.2	2516	2018
10-18-88	9.6	-0.8	3.56	M	2.03	301	2.8	10.0	5.7	98	64	3.1	2516	2018
10-19-88	12.7	-3.8	2.54	M	3.02	204	2.0	10.9	3.0	99	44	-0.3	2516	2018
10-20-88	9.2	1.5	2.03	M	0.87	186	3.8	8.2	5.4	96	75	4.5	2517	2018
10-21-88	8.1	0.3	0.00	M	2.90	331	3.3	10.0	4.6	90	63	1.2	2517	2018
10-22-88	11.3	0.8	6.10	M	1.59	178	6.2	7.7	3.2	96	58	3.0	2518	2018
10-23-88	3.7	-3.7	0.00	M	0.87	323	5.2	6.5	2.0	94	76	-2.6	2518	2018
10-24-88	3.0	-4.6	0.00	M	2.18	325	3.2	3.2	0.8	93	74	-3.8	2518	2018
10-25-88	1.3	-5.9	0.00	M	1.69	319	3.8	1.6	0.5	93	69	-5.5	2518	2018
10-26-88	3.5	-8.9	0.51	M	1.98	153	2.8	0.7	-0.4	97	62	-4.7	2518	2018
10-27-88	2.3	-5.1	0.00	M	0.73	320	6.2	1.7	0.3	91	69	-2.9	2518	2018
10-28-88	-2.9	-12.2	0.00	M	2.94	316	4.0	0.8	-0.5	90	57	-10.8	2518	2018
10-29-88	2.1	-11.9	0.00	M	2.82	210	1.8	-0.3	-1.5	92	41	-10.8	2518	2018
10-30-88	9.5	-5.0	0.25	M	2.65	182	5.6	-0.2	-1.1	70	44	-5.7	2518	2018
10-31-88	10.1	-1.5	0.00	M	2.63	306	4.2	5.3	-0.3	85	58	-1.0	2518	2018
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	11.6	-0.9	17.02	M	2.78	262	3.5	10.2	4.9	90	50	0.03	84	49

GRAND RAPIDS

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030
4-1-88	10.4	-9.2	0.00	M	6.21	151	1.4	0.1	-0.4	88	31	M	0	0
4-2-88	11.3	-2.8	4.06	M	4.14	110	2.3	0.1	0.1	94	37	M	0	0
4-3-88	7.4	3.4	2.03	M	1.50	359	0.9	0.3	0.1	97	91	M	1	0
4-4-88	11.3	3.0	0.00	M	2.17	127	1.4	2.7	0.3	99	80	M	4	0
4-5-88	14.4	1.4	0.00	M	3.68	318	1.2	6.0	0.2	99	31	M	7	0
4-6-88	15.4	-3.0	0.00	M	6.75	304	1.5	8.2	0.3	93	24	M	9	0
4-7-88	21.7	-1.1	0.00	M	6.68	102	2.2	11.0	0.3	84	23	M	15	0
4-8-88	18.0	4.8	0.00	M	5.86	125	5.0	9.2	1.4	64	42	M	22	2
4-9-88	8.1	-0.8	0.76	M	2.09	305	2.2	4.3	1.6	93	58	M	22	2
4-10-88	10.1	-4.6	0.00	M	6.58	299	1.7	8.7	0.6	92	37	M	22	2
4-11-88	16.5	-5.3	0.00	M	6.82	228	1.2	11.3	1.0	95	21	M	23	2
4-12-88	20.9	-0.3	0.00	M	6.42	281	1.9	13.0	2.4	79	18	M	29	2
4-13-88	9.7	-2.8	0.00	M	6.82	333	3.5	10.7	3.7	50	28	M	29	2
4-14-88	3.4	-5.9	0.00	M	3.83	336	3.0	5.4	1.5	72	44	M	29	2
4-15-88	11.7	-4.6	0.00	M	7.11	336	2.0	10.4	1.1	84	33	M	29	2
4-16-88	20.1	-4.5	0.00	M	6.86	214	2.3	11.4	1.7	94	18	M	32	2
4-17-88	12.6	-3.2	0.00	M	4.79	335	4.3	8.5	2.7	87	30	M	32	2
4-18-88	4.6	-7.2	0.00	M	7.36	332	2.6	8.2	1.3	70	24	M	32	2
4-19-88	10.1	-9.0	0.00	M	7.21	303	1.9	9.3	1.2	92	20	M	32	2
4-20-88	6.7	-3.6	0.00	M	7.50	339	2.9	9.8	1.7	66	25	M	32	2
4-21-88	8.9	-4.0	0.00	M	6.80	339	2.0	10.3	1.6	61	34	M	32	2
4-22-88	11.4	-2.9	0.00	M	5.77	92	2.3	10.2	2.0	78	31	M	32	2
4-23-88	11.1	-2.8	0.00	M	6.38	355	2.1	10.5	2.6	80	30	M	32	2
4-24-88	15.6	-4.9	0.00	M	6.56	173	2.0	12.2	2.3	93	21	M	33	2
4-25-88	8.4	0.3	0.00	M	3.35	305	2.4	7.8	3.9	89	42	M	33	2
4-26-88	9.3	-0.6	0.00	M	3.64	346	2.1	7.9	2.5	97	41	M	33	2
4-27-88	14.6	1.1	0.00	M	5.93	333	2.0	11.5	3.2	65	18	M	37	2
4-28-88	19.7	-3.4	0.00	M	7.74	342	1.2	15.1	3.2	89	15	M	40	2
4-29-88	23.3	8.0	0.00	M	5.43	153	1.9	16.9	9.8	36	14	M	52	8
4-30-88	23.3	5.3	0.00	M	5.93	144	3.2	14.6	6.8	36	17	M	61	12
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	13.0	-2.0	6.85	M	0.20	5	0.1	8.9	2.0	77	33	M	61	12
5-1-88	24.7	9.5	0.00	M	6.03	148	4.1	15.0	8.4	35	17	M	74	19
5-2-88	24.8	9.3	0.00	M	6.54	151	3.6	16.0	8.7	45	15	M	87	26
5-3-88	25.8	7.4	0.00	M	7.59	133	2.4	18.5	8.5	47	14	M	99	33
5-4-88	27.5	3.6	0.00	M	7.79	3	1.6	20.3	9.3	78	12	M	110	38
5-5-88	25.6	7.2	0.00	M	7.48	343	2.0	20.4	10.9	82	17	M	122	45
5-6-88	24.0	6.8	0.00	M	7.18	119	4.2	18.8	11.1	74	29	M	133	50
5-7-88	24.4	6.8	7.11	M	5.19	148	5.4	17.2	11.0	94	33	M	144	56
5-8-88	24.4	11.3	0.00	M	5.40	127	2.5	18.9	11.8	93	39	M	157	63
5-9-88	13.4	4.7	6.10	M	2.14	339	3.3	14.5	10.3	97	79	M	162	63
5-10-88	19.1	3.9	0.00	M	8.48	343	2.1	17.6	8.0	98	17	M	169	65
5-11-88	21.8	3.3	0.00	M	7.56	323	2.2	18.5	9.5	85	33	M	177	67
5-12-88	22.6	2.8	7.87	M	4.45	317	3.2	16.9	9.6	93	43	M	185	70
5-13-88	15.1	-0.7	0.00	M	8.62	329	2.1	16.4	6.2	87	20	M	188	70
5-14-88	20.2	1.3	1.02	M	5.15	154	3.0	13.6	7.8	89	38	M	194	71
5-15-88	14.6	6.4	1.02	M	2.41	299	2.5	12.6	9.7	92	54	M	200	71
5-16-88	16.7	3.7	0.00	M	8.20	1	2.2	17.6	8.3	86	18	M	206	72
5-17-88	19.9	-0.3	0.00	M	8.65	146	3.0	17.6	8.1	79	16	M	212	72
5-18-88	25.5	3.8	0.00	M	7.80	154	4.2	18.7	9.7	66	36	M	222	76
5-19-88	27.8	11.9	1.02	M	6.24	159	2.3	20.3	13.0	93	42	M	237	86
5-20-88	25.3	11.7	0.00	M	5.35	342	1.5	20.1	14.2	94	61	M	251	95
5-21-88	20.1	12.8	1.02	M	4.60	351	2.6	18.7	14.9	93	73	M	263	101
5-22-88	23.2	7.4	1.02	M	5.74	0	2.3	18.9	13.8	93	29	M	274	106
5-23-88	26.9	4.9	0.00	M	8.63	346	2.2	21.6	11.6	96	15	M	286	112
5-24-88	21.7	2.7	0.00	M	8.84	83	1.8	21.5	12.2	89	16	M	293	114
5-25-88	25.7	2.5	0.00	M	8.52	168	2.4	21.5	12.2	77	20	M	303	118
5-26-88	29.3	16.3	1.02	M	8.24	299	1.6	24.8	16.1	87	28	M	321	131
5-27-88	29.5	13.1	1.02	M	8.64	197	1.2	25.3	16.7	94	38	M	338	143
5-28-88	29.6	15.3	0.00	M	7.55	146	2.7	24.8	17.8	93	48	M	356	155
5-29-88	30.8	15.5	0.00	M	8.13	162	2.4	26.3	18.5	93	42	M	375	168
5-30-88	30.9	16.8	0.00	M	7.53	158	2.6	26.6	19.2	81	43	M	394	182
5-31-88	31.7	17.7	0.00	M	8.38	163	2.1	28.2	20.0	88	30	M	414	197
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	24.0	7.7	28.22	M	6.87	198	2.6	19.6	11.8	84	33	M	353	185

GRAND RAPIDS

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030
6-1-88	31.5	17.3	0.00	M	7.56	168	1.6	28.6	20.4	87	45	M	434	211
6-2-88	27.0	10.9	0.00	M	7.82	125	3.0	27.3	19.9	87	53	M	449	220
6-3-88	27.3	9.5	4.06	M	6.70	145	1.9	25.9	17.6	93	64	M	463	228
6-4-88	32.5	11.8	0.00	M	8.41	185	1.4	30.6	17.8	91	35	M	481	241
6-5-88	33.6	16.4	0.00	M	8.69	176	1.3	32.0	20.5	92	25	M	501	256
6-6-88	32.4	15.0	0.00	M	9.01	197	1.4	32.5	20.9	93	18	M	520	269
6-7-88	35.0	11.8	0.00	M	8.98	132	1.7	33.3	20.4	93	17	M	539	283
6-8-88	18.1	4.6	4.06	M	5.50	90	3.8	25.2	15.7	93	28	M	546	284
6-9-88	24.2	1.4	0.00	M	9.30	72	1.1	27.5	11.9	96	16	M	555	287
6-10-88	27.6	5.0	0.00	M	8.93	197	1.3	29.2	14.9	94	16	M	566	293
6-11-88	32.0	11.2	0.00	M	8.40	161	2.0	29.9	17.9	88	19	M	584	305
6-12-88	31.8	15.2	0.00	M	7.20	150	1.8	30.3	19.8	87	35	M	603	318
6-13-88	29.0	18.1	12.19	M	5.16	54	1.8	26.7	21.0	91	57	M	622	332
6-14-88	28.6	15.8	0.00	M	6.52	216	2.7	27.0	20.0	91	53	M	640	344
6-15-88	23.6	11.5	3.05	M	5.66	311	2.1	25.4	17.3	93	42	M	653	351
6-16-88	20.0	9.3	0.00	M	5.57	112	2.0	22.3	15.2	94	57	M	663	356
6-17-88	28.2	6.6	0.00	M	8.69	157	2.5	27.9	13.2	94	46	M	676	363
6-18-88	31.1	16.4	35.81	M	6.33	158	2.5	28.2	19.2	92	54	M	695	377
6-19-88	33.6	18.3	0.00	M	8.98	271	1.7	27.9	19.6	90	18	M	717	393
6-20-88	31.4	13.3	0.00	M	9.26	97	1.2	28.3	18.9	92	14	M	734	405
6-21-88	32.3	18.0	5.08	M	4.02	199	1.9	25.1	19.8	90	50	M	755	421
6-22-88	26.4	12.0	0.00	M	8.30	340	2.8	25.6	19.6	90	26	M	770	430
6-23-88	20.5	10.8	0.00	M	3.90	129	3.0	21.4	17.9	92	61	M	781	435
6-24-88	31.0	9.5	0.00	M	5.45	154	2.1	24.5	16.0	92	51	M	797	446
6-25-88	25.2	12.7	0.25	M	8.01	335	3.4	24.7	19.2	91	48	M	811	455
6-26-88	25.7	9.5	0.00	M	8.43	44	1.3	25.4	17.5	93	39	M	825	462
6-27-88	28.4	12.2	0.00	M	8.57	151	1.8	26.4	18.7	92	40	M	840	472
6-28-88	18.3	8.5	9.40	M	3.32	91	4.6	22.5	16.0	92	50	M	849	476
6-29-88	22.3	6.5	0.00	M	9.16	98	3.5	20.9	13.3	76	27	M	859	480
6-30-88	24.5	6.5	0.00	M	9.10	123	2.1	22.8	14.1	89	25	M	870	486
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	27.8	11.5	73.9	M	7.36	161	2.2	26.8	17.8	91	38	M	456	289
7-1-88	24.5	5.8	0.00	M	6.72	113	1.3	21.6	15.1	93	20	M	881	491
7-2-88	27.1	13.9	0.00	M	8.55	209	1.2	24.9	17.8	91	27	M	897	501
7-3-88	30.3	12.0	0.00	M	7.99	161	1.7	25.3	18.0	92	34	M	914	513
7-4-88	33.5	16.1	0.00	M	7.88	155	2.6	27.0	19.5	87	44	M	934	527
7-5-88	35.9	22.7	0.00	M	7.90	155	3.2	29.1	22.7	76	31	M	959	547
7-6-88	37.0	20.6	0.00	M	7.79	162	2.9	30.7	23.6	87	34	M	983	565
7-7-88	34.0	16.9	0.51	M	5.94	214	2.0	28.5	22.9	90	51	M	1005	581
7-8-88	29.9	15.6	6.10	M	8.27	295	1.2	27.3	20.4	91	23	M	1023	594
7-9-88	31.7	14.6	0.00	M	7.02	211	1.5	27.8	19.8	91	40	M	1042	607
7-10-88	20.8	13.1	0.00	M	5.16	329	2.6	23.4	19.7	86	55	M	1054	614
7-11-88	23.4	11.1	0.00	M	5.18	342	1.5	23.7	17.8	91	43	M	1067	621
7-12-88	26.2	10.2	0.00	M	8.07	141	2.8	26.1	17.2	92	38	M	1081	629
7-13-88	30.2	15.3	14.73	M	7.99	251	2.5	25.8	19.3	91	27	M	1099	642
7-14-88	28.4	11.8	0.00	M	7.67	75	2.0	25.7	18.3	91	37	M	1115	652
7-15-88	31.9	16.3	0.00	M	8.01	81	2.8	27.8	19.6	85	53	M	1134	666
7-16-88	28.0	12.4	0.00	M	8.27	334	1.5	27.4	19.9	90	31	M	1150	676
7-17-88	29.0	13.4	0.00	M	8.34	340	2.0	28.1	20.1	91	16	M	1167	687
7-18-88	26.5	12.0	0.00	M	6.10	318	1.5	26.5	20.0	91	33	M	1181	697
7-19-88	28.3	10.7	0.00	M	7.27	263	1.4	29.1	19.2	92	31	M	1197	706
7-20-88	26.5	12.7	0.00	M	5.79	344	1.5	28.8	20.4	91	41	M	1212	716
7-21-88	29.4	9.5	0.00	M	7.07	328	1.3	29.6	18.7	92	30	M	1227	725
7-22-88	30.9	11.8	0.00	M	7.46	169	1.4	30.6	19.8	91	26	M	1244	737
7-23-88	30.9	13.9	0.00	M	7.02	172	2.0	30.7	21.1	91	27	M	1262	749
7-24-88	26.1	13.5	17.53	M	7.42	336	2.4	27.2	20.6	90	41	M	1277	759
7-25-88	27.8	10.4	0.00	M	7.12	352	1.3	27.3	17.2	91	31	M	1292	768
7-26-88	31.7	16.6	0.00	M	7.71	222	1.8	30.0	19.6	88	31	M	1311	782
7-27-88	37.6	18.8	0.00	M	7.98	211	1.7	33.0	21.7	87	18	M	1335	800
7-28-88	35.3	21.6	0.00	M	5.22	176	2.0	30.2	23.5	80	33	M	1359	819
7-29-88	32.9	16.5	0.76	M	6.69	247	2.3	31.1	23.0	86	33	M	1379	833
7-30-88	29.7	13.8	0.00	M	7.97	346	1.5	31.8	21.1	91	19	M	1397	845
7-31-88	33.8	16.7	2.54	M	6.90	167	2.9	29.9	21.3	90	35	M	1417	860
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	30.0	14.2	42.17	M	7.24	233	1.9	27.9	20.0	89	33	M	547	374

GRAND RAPIDS

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030
8-1-88	29.3	17.0	0.51	M	4.45	68	2.8	26.1	20.9	90	41	M	1436	873
8-2-88	24.6	16.6	25.15	M	2.95	70	1.4	24.4	19.4	90	80	M	1452	884
8-3-88	29.4	15.6	1.78	M	4.82	130	1.2	26.9	19.4	91	58	M	1470	897
8-4-88	25.5	17.2	12.70	M	4.73	2	2.0	24.8	20.2	89	57	M	1487	908
8-5-88	25.3	15.4	5.84	M	4.96	314	1.6	23.6	19.6	89	58	M	1503	918
8-6-88	34.0	13.8	0.00	M	7.79	164	1.8	27.1	18.4	90	24	M	1523	932
8-7-88	30.5	17.2	5.84	M	3.27	168	2.1	24.8	21.2	89	56	M	1542	946
8-8-88	23.6	12.6	18.80	M	7.54	350	1.9	24.7	19.1	90	46	M	1556	954
8-9-88	25.7	10.5	0.00	M	7.72	236	1.3	25.5	17.3	91	39	M	1569	962
8-10-88	32.4	15.7	0.00	M	7.25	169	2.1	27.0	18.7	88	36	M	1589	976
8-11-88	33.4	19.1	1.02	M	6.66	160	1.9	28.5	21.0	87	42	M	1611	992
8-12-88	29.8	18.5	1.02	M	6.35	130	2.2	27.5	21.3	87	60	M	1630	1007
8-13-88	21.2	17.8	83.06	M	0.39	38	2.7	24.2	19.5	90	85	M	1645	1016
8-14-88	27.4	17.7	65.28	M	5.30	296	1.6	24.7	19.5	88	62	M	1664	1029
8-15-88	31.6	15.6	0.00	M	7.10	146	1.8	26.4	19.5	89	48	M	1683	1042
8-16-88	36.1	20.8	5.08	M	6.55	119	2.5	28.3	21.9	88	50	M	1707	1061
8-17-88	22.2	16.9	1.02	M	1.53	77	2.8	24.5	21.0	88	83	M	1722	1070
8-18-88	23.3	11.5	0.00	M	7.12	83	3.0	24.4	19.2	87	45	M	1735	1078
8-19-88	25.0	8.6	0.00	M	6.53	111	1.5	23.8	17.1	90	53	M	1747	1084
8-20-88	23.0	12.0	2.03	M	3.75	117	2.4	22.2	18.3	87	77	M	1760	1092
8-21-88	22.6	14.9	0.00	M	2.66	131	3.6	20.3	18.0	88	77	M	1774	1101
8-22-88	21.4	14.6	22.10	M	1.54	138	2.1	20.1	18.4	89	76	M	1788	1109
8-23-88	20.8	14.1	0.00	M	3.44	267	1.9	19.6	17.2	89	67	M	1801	1116
8-24-88	25.0	14.7	0.00	M	5.72	316	2.6	21.7	17.1	87	43	M	1816	1126
8-25-88	20.5	12.3	0.00	M	4.76	321	2.6	19.2	16.3	86	55	M	1828	1132
8-26-88	23.8	8.2	0.00	M	5.72	242	1.3	20.7	15.2	90	39	M	1840	1138
8-27-88	16.3	9.4	0.00	M	3.93	314	2.5	18.6	15.9	86	58	M	1848	1141
8-28-88	15.9	8.9	1.02	M	2.97	311	1.6	17.1	14.8	89	70	M	1856	1144
8-29-88	18.2	7.7	0.00	M	3.69	316	1.2	17.9	15.0	89	66	M	1865	1146
8-30-88	21.9	5.8	0.00	M	5.80	131	1.8	19.1	14.1	92	50	M	1874	1150
8-31-88	24.4	10.9	0.00	M	4.64	134	2.8	19.4	15.5	92	64	M	1887	1158
	MEAN 25.3	MEAN 13.9	TOTL 252.25	TOTL M	MEAN 4.89	MEAN 180	MEAN 2.1	MEAN 23.3	MEAN 18.4	MEAN 89	MEAN 57	MEAN M	TOTL 470	TOTL 298
9-1-88 *	25.6	11.7	0.00	M	M	M	M	M	M	M	M	M	1902	1167
9-2-88 *	24.4	11.7	3.05	M	M	M	M	M	M	M	M	M	1915	1175
9-3-88 *	22.8	11.7	0.00	M	M	M	M	M	M	M	M	M	1928	1182
9-4-88	18.2	6.0	0.00	M	4.94	347	2.9	18.3	15.1	89	42	M	1936	1184
9-5-88	17.3	4.4	0.00	M	6.03	348	1.7	17.7	14.3	90	43	M	1955	1187
9-6-88	20.6	2.0	0.00	M	6.29	201	1.1	17.9	12.3	91	40	M	1962	1188
9-7-88	24.2	6.6	0.00	M	5.73	156	2.4	17.6	13.3	89	37	M	1973	1194
9-8-88	20.9	9.5	0.00	M	5.18	265	2.0	17.5	14.6	88	25	M	1984	1199
9-9-88	22.0	5.3	0.00	M	6.15	268	2.4	17.1	13.7	89	16	M	1993	1203
9-10-88	17.7	3.1	0.00	M	3.00	91	2.0	15.3	11.8	89	52	M	1999	1203
9-11-88	26.8	13.1	1.02	M	3.85	128	3.3	17.7	13.6	87	57	M	2015	1213
9-12-88	18.7	4.4	0.00	M	2.88	328	2.6	16.8	13.7	90	69	M	2022	1214
9-13-88	22.8	3.3	0.00	M	5.91	279	1.8	16.8	11.8	90	36	M	2030	1217
9-14-88	21.4	2.8	0.00	M	5.83	354	1.1	16.5	11.8	89	31	M	2038	1220
9-15-88	18.6	8.0	1.02	M	2.15	128	2.7	15.0	13.3	88	64	M	2047	1223
9-16-88	17.0	11.8	7.87	M	0.64	137	2.4	14.9	13.7	88	85	M	2057	1227
9-17-88	27.1	13.1	11.94	M	4.45	138	1.1	18.9	14.6	92	56	M	2072	1237
9-18-88	22.8	14.0	0.00	M	2.27	110	2.6	18.0	15.7	87	76	M	2086	1246
9-19-88	19.4	7.8	54.86	M	0.85	351	3.2	18.3	15.2	87	83	M	2095	1249
9-20-88	11.0	6.0	51.05	M	2.58	335	3.1	15.2	13.3	87	79	M	2100	1249
9-21-88	13.8	6.9	1.02	M	2.15	117	2.0	14.5	13.0	87	77	M	2105	1250
9-22-88	17.1	9.1	0.00	M	2.81	270	1.7	15.7	13.3	88	70	M	2114	1253
9-23-88	18.1	4.9	9.91	M	5.23	282	1.8	15.4	11.8	87	33	M	2121	1254
9-24-88	22.9	4.3	0.00	M	4.80	196	2.2	15.7	11.3	87	40	M	2130	1258
9-25-88	14.5	7.2	0.00	M	2.30	360	1.8	14.1	12.4	88	55	M	2137	1259
9-26-88	20.5	8.4	6.60	M	3.53	126	2.1	15.7	11.8	88	66	M	2147	1263
9-27-88	12.5	5.8	0.00	M	3.17	25	2.5	14.5	11.8	88	65	M	2151	1263
9-28-88	11.0	6.7	1.02	M	1.54	96	4.5	11.8	10.7	88	72	M	2156	1263
9-29-88	11.5	8.3	1.02	M	0.83	104	1.1	12.4	10.7	88	85	M	2161	1263
9-30-88	16.2	11.3	0.00	M	1.26	212	1.6	14.0	12.3	87	81	M	2171	1267
	MEAN 19.2	MEAN 7.6	TOTL 150.38	TOTL M	MEAN 3.21	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	TOTL 284	TOTL 109

GRAND RAPIDS

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030
10-1-88	17.6	6.4	0.00	M	4.43	326	2.5	15.1	11.9	85	41	M	2178	1269
10-2-88	12.9	1.8	0.00	M	3.33	322	1.6	12.9	10.1	88	48	M	2181	1269
10-3-88	7.4	1.0	0.00	M	2.73	331	3.6	10.7	7.9	87	52	M	2181	1269
10-4-88	6.7	-3.2	0.00	M	4.35	347	2.8	10.5	7.0	90	48	M	2181	1269
10-5-88	10.5	-5.1	0.00	M	4.37	130	0.9	10.3	5.1	90	37	M	2181	1269
10-6-88	15.2	-2.2	0.00	M	4.31	211	1.3	10.9	6.0	89	21	M	2183	1269
10-7-88	19.7	4.5	0.00	M	4.12	252	1.6	12.5	7.6	88	38	M	2191	1271
10-8-88	21.4	1.1	0.00	M	4.11	133	0.9	13.5	7.8	87	40	M	2198	1272
10-9-88	21.0	3.2	0.00	M	3.76	221	1.8	13.5	9.0	91	32	M	2205	1274
10-10-88	12.5	2.7	0.00	M	3.85	336	4.1	11.8	8.4	71	38	M	2208	1274
10-11-88	8.2	-2.1	0.00	M	4.22	336	2.4	9.9	6.7	86	41	M	2208	1274
10-12-88	9.9	-6.0	0.00	M	4.20	126	1.0	9.5	4.5	89	21	M	2208	1274
10-13-88	16.7	-2.2	0.00	M	3.85	158	2.1	9.9	4.5	74	35	M	2211	1274
10-14-88	25.2	3.0	0.00	M	3.75	148	1.3	12.6	6.6	85	30	M	2221	1278
10-15-88	22.0	7.8	0.00	M	2.85	157	1.4	13.0	8.7	87	46	M	2231	1283
10-16-88	14.1	1.3	3.56	M	2.22	311	2.0	12.2	8.9	88	47	M	2235	1283
10-17-88	8.6	-2.5	0.00	M	1.44	335	1.8	9.4	6.7	89	53	M	2235	1283
10-18-88	7.4	-2.8	0.51	M	1.10	319	1.3	8.0	6.0	89	80	M	2235	1283
10-19-88	10.8	-1.4	3.30	M	3.39	324	0.9	9.3	5.1	90	39	M	2235	1283
10-20-88	5.3	-1.7	0.00	M	0.59	155	2.0	6.0	4.8	88	84	M	2235	1283
10-21-88	7.8	-3.3	3.81	M	3.01	331	2.0	8.6	4.8	88	49	M	2235	1283
10-22-88	8.6	-4.8	0.00	M	2.67	153	3.0	6.0	3.1	88	37	M	2235	1283
10-23-88	5.0	-1.2	3.05	M	0.57	327	3.1	5.7	4.0	87	81	M	2235	1283
10-24-88	-0.7	-2.4	1.02	M	0.42	333	3.2	4.0	2.6	84	70	M	2235	1283
10-25-88	-0.3	-3.0	0.00	M	0.69	321	2.8	3.0	2.2	82	70	M	2235	1283
10-26-88	3.1	-3.3	0.00	M	1.95	228	1.8	4.8	1.9	90	63	M	2235	1283
10-27-88	1.7	-4.2	0.25	M	0.22	345	3.1	3.1	2.9	88	84	M	2235	1283
10-28-88	-3.6	-8.5	5.59	M	2.03	316	3.0	2.9	1.7	84	62	M	2235	1283
10-29-88	-0.8	-10.9	0.00	M	3.06	311	1.5	1.7	1.3	90	49	M	2235	1283
10-30-88	4.3	-12.0	0.00	M	2.26	155	1.8	1.3	1.1	90	36	M	2235	1283
10-31-88	5.8	0.1	0.25	M	1.43	309	2.1	2.5	1.1	87	52	M	2235	1283
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	9.8	-1.6	21.34	M	2.75	262	2.1	8.6	5.5	87	49	M	154	16

HVERHILL

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030
4-1-88	9.7	-0.7	0.00	M	3.66	86	1.5	9.2	3.0	82	45	-0.9	0	0
4-2-88 *	9.4	4.0	2.29	M	0.96	87	2.2	8.1	5.0	81	66	20.3	0	0
4-3-88 *	12.8	8.4	2.79	M	3.44	218	1.5	12.4	6.2	95	67	24.0	1	1
4-4-88	22.1	8.9	0.25	M	5.52	204	2.0	16.1	8.1	80	53	9.3	6	7
4-5-88	14.0	5.1	3.81	M	2.20	356	2.0	12.0	7.8	81	44	5.0	6	9
4-6-88	15.0	2.3	0.51	M	6.46	331	2.3	12.9	5.2	82	28	-0.9	6	12
4-7-88	22.0	3.0	0.00	M	6.40	175	1.8	17.3	4.6	70	31	2.3	9	18
4-8-88	22.8	9.9	0.00	M	6.00	166	3.6	18.3	9.2	55	25	2.1	15	24
4-9-88	14.8	2.7	0.00	M	3.24	294	2.1	14.7	8.3	82	41	1.7	15	27
4-10-88	10.6	-1.6	0.00	M	5.08	352	1.3	13.5	5.0	82	29	-4.1	15	27
4-11-88	15.2	-3.1	0.00	M	6.75	7	0.9	18.0	4.2	75	20	-6.0	15	30
4-12-88	20.0	-0.2	0.25	M	6.60	246	0.8	20.6	5.4	67	16	-6.3	15	35
4-13-88	16.2	1.9	0.00	M	4.23	314	2.1	16.6	9.1	47	18	-4.7	15	38
4-14-88	7.1	-2.5	0.00	M	6.82	331	2.2	14.5	4.9	63	35	-8.2	15	38
4-15-88	10.9	-4.7	0.00	M	6.87	328	1.7	15.3	4.2	69	33	-6.7	15	38
4-16-88	18.5	-2.3	0.00	M	6.93	216	1.2	18.0	4.4	66	15	-7.4	15	42
4-17-88	14.0	-2.2	0.00	M	4.64	304	2.9	14.6	6.8	51	26	-5.0	15	44
4-18-88	8.3	-6.6	0.00	M	7.16	329	1.9	14.1	3.6	55	19	-13.8	15	44
4-19-88	12.1	-7.4	0.00	M	7.16	277	1.5	15.8	3.2	55	17	-13.2	15	46
4-20-88	10.0	-0.6	0.76	M	6.39	325	1.7	15.3	6.8	70	20	-10.7	15	46
4-21-88 *	6.7	-2.8	0.00	M	M	M	M	M	M	M	M	M	15	46
4-22-88 *	5.6	0.6	6.35	M	M	M	M	M	M	M	M	M	15	46
4-23-88 *	7.2	-1.7	0.00	M	M	M	M	M	M	M	M	M	15	46
4-24-88 *	15.0	-2.2	0.00	M	M	M	M	M	M	M	M	M	15	48
4-25-88 *	13.9	1.1	37.59	M	M	M	M	M	M	M	M	M	15	50
4-26-88 *	3.9	0.0	1.78	M	M	M	M	M	M	M	M	M	15	50
4-27-88 *	8.9	0.6	0.00	M	M	M	M	M	M	M	M	M	15	50
4-28-88 *	15.0	-1.1	0.00	M	M	M	M	M	M	M	M	M	15	52
4-29-88 *	20.0	2.8	0.00	M	M	M	M	M	M	M	M	M	16	57
4-30-88	24.1	6.9	0.00	M	6.59	188	1.2	19.7	6.8	55	30	3.2	22	65
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	13.5	0.6	56.38	M	M	M	M	M	M	M	M	M	22	65
5-1-88	23.1	8.9	0.00	M	6.81	148	2.0	20.3	9.7	52	23	1.7	28	71
5-2-88	23.7	8.5	0.00	M	7.48	138	2.3	21.9	10.5	48	20	0.4	34	78
5-3-88	24.1	8.8	0.00	M	7.58	119	2.0	23.5	11.4	51	21	0.4	40	85
5-4-88	24.2	5.3	0.00	M	6.68	147	1.2	24.5	11.7	71	23	2.7	45	92
5-5-88	26.2	6.9	0.00	M	7.71	37	1.3	26.1	12.3	68	16	1.7	52	100
5-6-88	26.3	10.0	0.00	M	6.65	175	2.0	24.4	13.9	56	16	1.5	60	108
5-7-88	25.8	13.7	0.25	M	4.09	157	3.4	21.4	16.0	62	29	5.6	70	118
5-8-88	23.1	12.0	37.59	M	2.60	178	1.8	19.6	14.8	97	52	15.5	77	126
5-9-88	18.6	9.8	10.16	M	2.13	274	2.6	15.9	12.3	97	82	12.2	81	130
5-10-88	22.0	6.8	0.00	M	7.44	321	1.6	21.2	10.4	94	44	8.1	86	136
5-11-88	22.8	7.2	0.00	M	5.39	231	1.3	19.9	10.9	75	38	7.4	91	142
5-12-88	27.7	9.8	0.76	M	6.47	254	2.0	24.9	11.9	85	32	9.9	100	151
5-13-88	16.7	1.3	0.00	M	8.22	14	1.2	24.7	10.8	76	26	-0.2	100	155
5-14-88	25.6	7.1	0.00	M	5.29	157	2.3	22.7	12.3	65	41	7.7	106	162
5-15-88	25.3	8.8	0.00	M	5.91	288	2.6	25.7	15.3	89	22	6.5	113	170
5-16-88 *	12.8	3.3	0.00	M	2.43	341	1.7	16.7	11.9	93	71	M	113	171
5-17-88	20.5	-0.2	0.00	M	8.10	124	1.3	25.4	8.6	88	38	3.8	113	177
5-18-88	23.8	8.4	0.00	M	7.47	149	2.1	26.3	13.2	76	41	7.5	119	184
5-19-88	25.2	13.4	2.29	M	4.90	169	1.4	24.5	16.5	89	42	10.6	128	193
5-20-88	28.2	12.9	0.00	M	7.46	144	1.2	30.3	15.5	77	28	9.4	139	203
5-21-88	28.9	12.5	0.00	M	7.35	140	1.6	30.7	17.5	89	30	9.7	150	214
5-22-88 *	23.9	14.4	0.00	M	4.67	49	1.9	27.1	19.7	90	46	M	159	223
5-23-88 *	24.4	12.8	0.00	M	7.75	39	2.1	29.2	18.4	93	30	M	167	232
5-24-88	21.4	7.7	0.00	M	8.27	49	2.0	29.2	17.4	70	21	1.3	172	238
5-25-88	23.1	4.2	0.00	M	8.33	187	1.7	28.2	14.3	65	25	2.1	176	244
5-26-88	26.3	12.9	0.00	M	6.49	221	2.2	27.9	17.7	61	47	11.3	185	254
5-27-88 *	25.0	13.9	5.33	M	4.97	182	1.8	25.9	18.9	97	51	M	195	263
5-28-88	31.2	18.4	0.00	M	7.37	187	1.9	31.6	18.1	79	40	15.3	210	277
5-29-88	30.4	17.6	0.00	M	8.00	185	2.0	32.8	20.8	69	33	13.1	224	291
5-30-88	30.9	18.4	0.00	M	6.45	176	1.7	32.2	22.0	71	39	14.2	238	305
5-31-88	31.7	17.1	0.00	M	7.92	177	1.4	34.8	21.4	76	29	12.5	253	319
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	24.6	10.1	56.38	M	6.40	166	1.9	25.5	14.7	76	35	M	231	254

HAVERHILL

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030	
6-1-88	33.0	17.5	0.00	M	6.04	183	1.0	34.9	22.9	71	36	14.8	268	333	
6-2-88 *	27.8	15.0	0.00	M	5.10	54	1.6	29.9	22.7	93	58	M	279	344	
6-3-88 *	23.9	14.5	0.00	M	6.49	93	1.2	32.4	20.7	83	31	12.2	288	353	
6-4-88	28.9	12.4	0.00	M	8.00	202	1.0	35.8	20.3	69	35	9.7	299	364	
6-5-88	31.3	14.2	0.00	M	8.13	224	1.1	37.3	21.7	64	34	11.1	312	376	
6-6-88	30.4	14.7	0.00	M	8.36	227	1.1	37.8	22.5	61	27	9.5	324	388	
6-7-88	33.3	15.2	0.00	M	8.16	210	1.1	38.6	22.4	62	31	12.7	339	401	
6-8-88	31.9	11.6	0.00	M	7.20	65	2.2	32.8	22.4	88	52	13.2	350	412	
6-9-88 *	21.7	5.0	0.00	M	8.19	41	1.2	31.9	17.5	89	28	M	354	418	
6-10-88	26.7	5.4	0.00	M	8.57	156	0.9	34.8	17.5	83	18	2.1	360	426	
6-11-88	29.4	11.5	0.00	M	8.33	202	1.5	35.1	19.7	54	19	5.3	370	436	
6-12-88	31.8	16.5	0.00	M	7.61	193	1.8	35.2	21.6	47	26	8.8	384	450	
6-13-88	33.4	19.0	0.00	M	6.71	191	2.2	35.0	23.6	49	37	12.6	401	464	
6-14-88 *	32.8	17.8	0.00	M	7.43	222	2.2	35.9	24.4	81	29	M	416	478	
6-15-88 *	25.0	11.7	0.00	M	7.48	314	1.3	34.8	22.8	90	46	M	424	486	
6-16-88 *	26.7	14.6	0.00	M	8.33	357	1.2	35.7	21.1	88	39	12.7	435	497	
6-17-88 *	23.3	15.6	0.00	M	3.93	173	1.6	28.4	22.2	80	63	18.2	444	506	
6-18-88 *	32.2	18.8	0.00	M	7.66	192	2.2	35.5	21.2	81	49	19.0	460	521	
6-19-88 *	31.7	19.4	13.97	M	6.01	193	1.9	30.5	23.8	93	54	M	475	536	
6-20-88 *	34.4	20.6	0.76	M	8.53	35	0.9	40.5	22.9	90	33	M	493	551	
6-21-88	36.7	21.4	0.00	M	6.58	198	1.5	38.9	25.4	71	39	19.8	512	567	
6-22-88 *	31.1	16.0	0.00	M	7.90	331	1.6	38.7	27.7	83	28	19.2	525	580	
6-23-88 *	28.3	16.4	0.25	M	5.10	143	1.2	33.6	23.6	87	42	21.1	538	592	
6-24-88 *	32.2	18.9	27.18	M	7.66	192	2.2	31.0	22.0	97	63	M	553	606	
6-25-88	28.0	19.4	0.00	M	8.24	329	1.7	36.4	23.6	78	42	16.9	567	620	
6-26-88 *	24.4	12.2	0.00	M	7.29	27	0.9	34.6	21.2	89	56	24.5	575	628	
6-27-88 *	27.2	11.7	0.00	M	8.12	216	0.8	37.1	20.7	84	47	M	585	638	
6-28-88 *	32.8	13.9	0.76	M	6.29	129	1.9	35.7	22.3	93	47	M	598	650	
6-29-88 *	22.8	11.1	0.00	M	5.45	90	1.9	28.6	20.4	93	41	M	605	657	
6-30-88 *	23.9	11.8	0.00	M	8.52	87	1.3	31.4	17.8	86	35	10.4	613	665	
	MEAN	MEAN	TOTL		TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL	
	29.2	14.8	42.92		M	7.25	176	1.5	34.6	22.0	79	39	M	360	346
7-1-88	25.9	10.3	0.00	M	8.43	115	0.9	33.7	18.7	86	35	9.5	621	673	
7-2-88	29.5	11.6	0.00	M	8.33	238	0.7	35.6	21.0	83	32	11.0	632	683	
7-3-88	29.2	15.2	0.00	M	8.06	193	1.1	35.4	22.2	85	39	13.7	644	695	
7-4-88	32.3	16.1	0.00	M	7.98	172	1.6	35.9	22.9	79	41	16.5	658	708	
7-5-88	34.0	20.6	0.00	M	7.84	171	1.6	37.2	25.0	72	39	17.6	675	724	
7-6-88	34.8	22.4	0.00	M	7.74	187	1.6	37.6	26.3	76	37	18.4	694	740	
7-7-88	35.2	24.1	0.00	M	7.73	203	1.8	39.1	27.2	78	42	20.4	714	757	
7-8-88 *	31.7	19.4	8.13	M	5.53	236	1.2	38.2	26.5	97	53	M	729	772	
7-9-88 *	24.4	18.9	7.11	M	2.19	201	0.7	27.9	23.8	97	66	M	741	783	
7-10-88 *	27.8	16.1	18.29	M	5.67	295	1.1	29.4	21.7	100	54	M	753	795	
7-11-88 *	25.0	12.2	0.00	M	7.48	344	0.9	29.6	18.3	87	53	M	761	804	
7-12-88 *	27.8	11.1	0.25	M	8.06	126	1.1	34.8	18.0	87	46	M	771	813	
7-13-88 *	31.7	19.4	6.35	M	7.58	217	1.9	34.0	22.9	90	66	M	786	828	
7-14-88 *	32.8	17.2	0.00	M	7.96	101	0.8	39.2	21.9	91	36	18.5	801	842	
7-15-88	34.8	25.0	0.00	M	7.30	216	2.1	39.5	27.2	86	57	24.6	821	859	
7-16-88 *	31.1	17.2	0.00	M	6.53	338	1.0	38.8	27.6	M	49	M	835	873	
7-17-88 *	31.1	20.7	0.00	M	5.13	228	0.7	35.6	24.1	89	44	25.0	851	888	
7-18-88 *	30.0	16.7	0.00	M	6.34	343	0.8	36.3	24.9	90	40	M	865	901	
7-19-88 *	27.2	13.9	3.30	M	3.38	314	0.8	30.7	22.4	97	43	M	875	912	
7-20-88 *	26.1	11.1	3.30	M	5.37	317	1.0	30.6	19.5	97	59	M	884	921	
7-21-88 *	27.8	10.0	0.00	M	7.74	340	0.8	33.4	16.8	97	50	M	893	930	
7-22-88 *	29.4	12.8	0.00	M	8.07	56	0.5	37.6	20.1	90	40	M	904	941	
7-23-88	31.5	13.9	0.00	M	7.24	192	0.9	37.4	22.7	88	36	16.3	916	953	
7-24-88	33.3	16.1	0.76	M	6.48	272	1.1	36.2	24.1	88	42	19.9	931	966	
7-25-88	27.8	14.3	0.00	M	7.91	9	1.0	36.3	21.8	91	39	14.0	942	977	
7-26-88	31.0	12.4	0.00	M	7.16	221	0.8	37.0	21.6	92	32	14.2	954	988	
7-27-88	34.4	20.2	0.00	M	7.50	229	1.5	38.4	24.4	88	35	18.1	971	1003	
7-28-88	36.2	20.9	0.00	M	7.62	203	1.6	37.8	24.8	88	31	19.8	990	1018	
7-29-88	33.8	20.2	0.00	M	6.85	203	1.5	37.6	25.5	87	47	20.4	1007	1034	
7-30-88 *	33.3	19.4	0.00	M	7.68	346	0.8	39.5	26.1	90	32	M	1023	1048	
7-31-88	38.3	18.9	0.00	M	6.57	197	1.7	38.8	26.2	77	25	17.7	1042	1063	
	MEAN	MEAN	TOTL		TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL	
	30.9	16.7	47.49		M	6.95	220	1.1	35.8	23.1	88	43	M	429	398

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DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030
8-1-88	37.5	22.3	0.00	M	7.25	202	1.5	40.3	27.4	80	32	M	1062	1079
8-2-88 *	36.7	20.0	13.97	M	6.59	211	2.1	39.5	28.2	93	35	M	1080	1094
8-3-88 *	34.4	19.4	3.05	M	5.79	178	1.2	33.7	25.1	90	55	M	1097	1109
8-4-88 *	28.3	21.1	3.05	M	4.15	282	1.0	30.3	24.8	97	66	M	1112	1123
8-5-88 *	27.2	17.8	0.00	M	7.28	283	1.5	33.7	22.9	93	51	M	1124	1136
8-6-88	32.8	16.3	0.00	M	7.43	213	1.2	36.1	20.9	88	36	16.4	1139	1149
8-7-88 *	35.0	17.2	19.30	M	6.55	182	1.7	35.8	23.8	97	36	M	1155	1162
8-8-88 *	26.1	21.1	4.83	M	2.39	323	0.9	28.1	24.6	97	66	M	1168	1176
8-9-88 *	29.4	16.1	0.25	M	7.05	339	0.8	29.7	22.1	100	48	M	1181	1189
8-10-88 *	31.1	19.8	0.00	M	7.13	156	0.9	31.3	20.2	87	36	19.5	1197	1204
8-11-88 *	32.8	21.1	0.00	M	6.12	186	1.3	33.7	23.6	94	60	M	1213	1219
8-12-88 *	32.8	24.3	0.00	M	5.64	193	1.2	35.8	25.2	87	58	23.8	1232	1236
8-13-88	32.9	23.6	0.00	M	3.36	204	1.8	31.6	25.9	86	63	23.1	1250	1253
8-14-88 *	31.1	17.2	4.32	M	6.84	295	0.9	38.8	23.9	97	46	M	1264	1267
8-15-88 *	36.7	19.4	1.27	M	6.80	148	1.2	38.7	24.7	90	55	M	1282	1282
8-16-88	38.0	25.7	0.00	M	6.73	216	1.8	40.6	26.8	83	37	22.0	1304	1299
8-17-88	37.1	24.8	0.00	M	6.39	258	1.6	41.1	27.7	87	42	22.3	1325	1317
8-18-88 *	25.0	17.8	7.62	M	M	M	M	M	M	M	M	M	1337	1328
8-19-88 *	24.4	16.1	0.00	M	M	M	M	M	M	M	M	M	1347	1338
8-20-88 *	27.8	11.7	0.00	M	M	M	M	M	M	M	M	M	1357	1348
8-21-88 *	28.3	16.7	0.00	M	M	M	M	M	M	M	M	M	1369	1361
8-22-88 *	22.2	14.4	16.00	M	M	M	M	M	M	M	M	M	1377	1369
8-23-88 *	26.1	11.7	0.00	M	M	M	M	M	M	M	M	M	1386	1378
8-24-88 *	25.6	12.2	0.00	M	M	M	M	M	M	M	M	M	1395	1387
8-25-88 *	23.9	11.1	0.00	M	M	M	M	M	M	M	M	M	1403	1394
8-26-88 *	24.4	8.9	0.00	M	M	M	M	M	M	M	M	M	1409	1401
8-27-88 *	20.6	6.7	0.00	M	M	M	M	M	M	M	M	M	1413	1407
8-28-88 *	20.0	6.1	0.00	M	M	M	M	M	M	M	M	M	1416	1412
8-29-88 *	23.3	6.7	0.00	M	M	M	M	M	M	M	M	M	1421	1418
8-30-88 *	26.1	10.6	0.00	M	M	M	M	M	M	M	M	M	1429	1427
8-31-88 *	28.3	13.3	0.00	M	M	M	M	M	M	M	M	M	1440	1438
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	29.2	16.5	73.66	M	M	M	M	M	M	M	M	M	398	375
9-1-88 *	26.1	15.0	0.00	M	M	M	M	M	M	M	M	M	1451	1448
9-2-88 *	30.0	13.3	0.00	M	M	M	M	M	M	M	M	M	1462	1460
9-3-88 *	20.0	11.1	8.64	M	M	M	M	M	M	M	M	M	1468	1465
9-4-88	21.7	9.4	0.25	M	2.99	360	1.5	23.3	16.9	97	65	M	1474	1471
9-5-88	18.3	6.1	0.25	M	4.48	330	1.0	22.3	12.2	98	55	11.1	1476	1475
9-6-88	23.9	6.6	0.00	M	5.96	223	0.9	27.4	11.0	98	40	10.3	1481	1482
9-7-88	24.4	9.4	0.00	M	5.67	176	2.2	26.5	14.2	77	38	7.5	1488	1489
9-8-88	23.8	7.6	0.00	M	3.86	229	1.6	25.4	17.1	78	49	10.3	1494	1496
9-9-88	28.1	5.2	0.00	M	5.67	238	1.4	27.9	12.9	77	21	5.0	1500	1505
9-10-88	28.4	8.0	0.00	M	4.80	147	1.1	27.8	15.6	86	28	8.2	1508	1515
9-11-88	30.2	16.8	0.00	M	5.28	169	1.9	30.2	18.3	83	47	16.0	1522	1528
9-12-88	28.0	12.3	0.00	M	1.65	303	1.6	23.7	18.7	92	80	16.4	1532	1538
9-13-88	22.9	7.5	0.00	M	5.70	283	1.2	28.1	14.8	97	37	8.5	1537	1545
9-14-88	24.6	6.3	0.00	M	5.57	36	0.9	28.9	14.6	84	37	6.7	1543	1552
9-15-88	17.4	12.6	0.25	M	1.17	118	1.8	20.1	17.1	85	52	9.8	1548	1557
9-16-88 *	25.6	13.7	4.83	M	3.15	174	1.7	23.3	16.0	94	54	18.8	1557	1567
9-17-88 *	32.8	12.2	0.00	M	5.23	191	1.1	30.8	15.3	94	32	22.4	1570	1578
9-18-88 *	28.3	18.3	12.70	M	3.12	152	1.6	27.7	20.8	97	72	M	1583	1591
9-19-88 *	22.2	8.9	65.79	M	1.00	228	2.1	22.3	14.4	97	71	M	1589	1597
9-20-88 *	13.9	4.4	7.62	M	1.96	296	2.3	16.1	11.2	96	71	M	1589	1599
9-21-88 *	17.2	2.2	5.84	M	2.40	139	1.2	17.5	10.3	100	70	M	1589	1603
9-22-88 *	20.0	9.4	27.69	M	0.83	310	1.2	19.3	13.9	97	68	M	1593	1608
9-23-88 *	19.4	6.1	0.25	M	5.25	289	1.2	20.6	10.0	93	40	M	1596	1612
9-24-88	21.8	5.9	0.00	M	4.92	192	1.3	19.8	9.5	86	39	6.5	1600	1618
9-25-88	24.5	9.1	0.00	M	4.90	122	1.0	24.8	11.2	84	40	9.7	1607	1625
9-26-88	27.0	14.0	0.00	M	4.06	198	1.6	26.1	15.8	91	46	15.0	1617	1636
9-27-88 *	20.0	10.5	0.00	M	4.69	4	1.1	25.8	14.9	91	54	13.8	1623	1641
9-28-88 *	11.7	8.9	8.89	M	0.73	103	2.3	16.4	13.2	96	71	M	1623	1642
9-29-88 *	20.0	11.7	0.00	M	1.96	112	1.3	20.0	13.2	97	70	M	1629	1648
9-30-88 *	22.2	10.6	0.25	M	1.88	131	0.6	21.0	14.3	100	67	M	1635	1654
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	23.1	9.8	113.25	M	M	M	M	M	M	M	M	M	195	216

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DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030
10-1-88 *	21.1	8.9	0.00	M	3.55	311	1.3	21.7	13.4	M	64	M	1640	1660
10-2-88	16.8	2.3	0.00	M	4.37	334	1.2	17.8	9.3	95	50	5.8	1640	1663
10-3-88	15.1	1.0	0.00	M	3.55	301	1.5	16.8	7.0	95	45	3.2	1640	1666
10-4-88	9.7	-3.0	0.00	M	4.29	343	1.5	15.5	4.8	98	58	-1.2	1640	1666
10-5-88	14.6	-3.2	0.00	M	4.51	2	0.6	16.4	3.8	99	42	-0.7	1640	1668
10-6-88	14.8	-2.3	0.00	M	4.26	224	0.6	17.6	5.2	92	30	-1.7	1640	1671
10-7-88	16.1	-0.1	0.00	M	4.00	249	1.5	17.1	4.9	92	47	2.3	1640	1674
10-8-88 *	17.2	1.7	0.00	M	4.10	231	0.8	19.7	6.5	94	52	13.1	1640	1677
10-9-88 *	20.0	5.0	0.00	M	4.07	275	1.4	20.6	9.5	93	47	10.3	1643	1682
10-10-88	15.7	3.9	0.00	M	4.17	320	2.1	18.9	10.3	85	45	3.8	1643	1685
10-11-88	9.8	-3.9	0.00	M	4.27	333	1.3	15.8	6.1	91	45	-2.2	1643	1685
10-12-88	11.6	-5.7	0.00	M	4.21	49	0.7	15.7	3.5	93	37	-3.5	1643	1686
10-13-88	16.2	-1.5	0.00	M	3.88	168	2.1	15.5	3.9	74	38	-1.4	1643	1689
10-14-88	23.4	8.0	0.00	M	3.80	191	1.7	20.0	8.5	83	43	7.3	1648	1696
10-15-88	22.7	10.3	0.00	M	3.13	185	1.7	19.7	10.8	94	59	13.0	1655	1702
10-16-88 *	16.7	5.5	0.25	M	3.60	281	2.0	19.9	11.9	92	46	14.1	1656	1705
10-17-88 *	11.1	3.9	3.05	M	0.28	349	1.5	12.3	8.2	M	69	M	1656	1706
10-18-88 *	12.8	-1.7	0.51	M	2.73	284	1.8	12.2	4.9	95	53	8.6	1656	1707
10-19-88 *	11.1	-2.8	0.25	M	3.18	291	0.9	12.6	3.6	94	49	7.8	1656	1708
10-20-88 *	7.2	0.0	9.65	M	0.44	172	1.5	7.4	5.2	M	72	M	1656	1708
10-21-88 *	9.4	-0.6	0.00	M	1.77	319	1.7	10.0	4.2	M	66	M	1656	1708
10-22-88 *	11.1	-5.0	2.54	M	3.41	163	1.8	9.8	2.5	96	49	4.6	1656	1709
10-23-88 *	7.8	-0.5	1.02	M	1.67	300	3.1	6.9	3.3	94	68	3.6	1656	1709
10-24-88	6.2	-2.2	0.00	M	3.13	310	2.7	7.6	2.5	88	50	-3.5	1656	1709
10-25-88	4.0	-6.5	0.00	M	2.65	304	2.1	4.8	1.3	91	61	-5.0	1656	1709
10-26-88	8.8	-6.5	0.00	M	3.39	221	1.5	5.5	0.5	91	39	-4.7	1656	1709
10-27-88	12.2	-1.1	1.52	M	0.87	254	3.6	7.7	2.8	94	51	0.9	1656	1710
10-28-88 *	2.2	-6.9	0.25	M	3.08	298	2.9	5.4	1.5	78	47	-7.8	1656	1710
10-29-88	2.3	-9.5	0.00	M	2.68	316	1.0	1.5	0.3	91	28	-11.2	1656	1710
10-30-88	5.9	-11.0	0.00	M	3.10	177	1.5	0.8	-0.5	78	29	-11.2	1656	1710
10-31-88	6.7	-4.4	0.00	M	M	M	M	M	M	M	M	M	1656	1710
MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL	
12.3	-0.9	19.04	M	3.20	262	1.6	13.1	5.3	M	49	M	21	56	

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DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030
4-1-88	13.3	-4.7	0.00	M	4.07	71	3.1	9.3	3.0	88	40	-1.8	0	2
4-2-88	5.8	2.9	1.27	M	0.58	70	3.5	7.2	5.6	98	66	2.5	0	2
4-3-88	10.0	2.1	13.21	M	1.28	306	2.5	7.8	5.5	98	84	4.9	0	2
4-4-88	21.2	3.9	0.51	M	5.41	254	4.0	12.6	5.5	90	56	8.2	3	7
4-5-88	11.8	3.9	0.00	M	1.70	337	3.2	9.3	7.1	87	70	5.6	3	8
4-6-88	17.5	1.1	4.57	M	6.40	300	4.0	12.4	4.3	85	24	1.0	3	12
4-7-88	29.3	5.9	0.00	M	6.25	180	5.2	17.2	6.5	73	14	3.1	10	22
4-8-88	31.2	7.9	0.00	M	2.00	258	8.2	17.7	13.5	51	11	M	20	32
4-9-88	11.1	0.2	7.37	M	3.92	342	5.5	13.6	6.8	98	36	M	20	32
4-10-88	13.1	-2.4	0.00	M	4.77	300	2.4	12.2	3.9	82	24	M	20	34
4-11-88	17.2	-2.3	0.00	M	6.83	291	1.2	15.9	3.8	82	16	M	20	37
4-12-88	23.3	0.7	0.00	M	6.65	232	3.5	16.9	6.2	60	13	M	22	44
4-13-88	14.7	1.0	0.00	M	3.60	345	4.8	12.7	8.3	69	18	M	22	46
4-14-88	9.5	-4.1	0.00	M	6.83	339	5.1	12.5	4.7	62	21	M	22	46
4-15-88	12.5	-1.4	0.00	M	1.56	314	2.5	13.7	8.2	47	21	-9.8	22	48
4-16-88	22.5	-3.1	0.00	M	6.66	224	6.4	14.7	4.7	55	14	-7.9	22	54
4-17-88	13.8	-1.6	0.00	M	6.71	331	8.1	13.6	7.7	59	22	-6.8	22	56
4-18-88	9.4	-6.9	0.00	M	7.17	343	4.1	13.3	3.8	50	18	-15.2	22	56
4-19-88	15.9	-7.6	0.76	M	7.12	275	3.0	14.8	3.4	46	16	-13.2	22	59
4-20-88	12.1	2.4	0.00	M	6.95	357	4.5	15.2	8.2	72	18	-8.8	22	60
4-21-88	5.5	-0.6	1.78	M	1.77	272	2.3	9.7	6.8	93	25	-2.4	22	60
4-22-88	4.9	0.1	17.78	M	1.19	81	3.8	6.9	3.5	100	69	0.6	22	60
4-23-88	10.9	0.1	0.00	M	6.22	277	3.7	7.1	2.2	100	62	2.0	22	60
4-24-88	19.4	-0.2	1.02	M	6.60	226	3.8	13.2	2.6	93	35	4.0	22	65
4-25-88	9.7	0.9	1.02	M	3.62	319	3.7	10.5	5.2	94	44	-0.2	22	65
4-26-88	3.4	0.3	5.08	M	2.59	359	4.2	5.8	2.1	97	87	0.7	22	65
4-27-88	13.8	0.8	12.70	M	6.70	308	4.0	11.0	2.1	93	33	0.6	22	67
4-28-88	20.0	1.1	0.00	M	7.52	278	2.4	16.7	3.3	83	17	-1.5	22	72
4-29-88	23.8	5.7	0.00	M	7.31	186	4.6	18.6	7.5	64	17	0.1	27	79
4-30-88	23.4	10.4	0.00	M	3.24	185	5.2	16.3	11.0	65	35	6.0	34	86
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	15.0	0.6	67.07	M	4.77	265	4.1	12.6	5.6	78	34	M	34	86
5-1-88	27.0	12.4	0.00	M	6.38	173	5.7	19.6	11.6	47	17	2.8	44	95
5-2-88	27.1	9.6	0.00	11.43	7.37	153	6.4	21.1	12.6	47	13	-1.6	52	104
5-3-88	26.1	7.6	0.00	M	6.15	136	4.8	20.3	12.5	65	14	-0.1	59	112
5-4-88	25.4	13.2	0.00	7.37	5.61	313	2.9	23.2	15.2	49	15	-0.2	68	121
5-5-88	27.1	7.3	0.00	7.11	7.41	294	2.7	24.2	13.3	63	12	-0.1	75	130
5-6-88	26.3	9.1	0.00	9.14	3.18	169	5.9	19.2	14.3	79	17	6.0	83	138
5-7-88	27.7	13.8	1.78	3.30	5.78	184	7.8	20.5	13.7	79	12	8.3	94	149
5-8-88	23.1	12.5	0.00	12.70	6.56	238	5.4	22.7	14.5	79	28	6.9	102	156
5-9-88	20.1	8.5	9.14	0.00	5.72	325	6.9	18.5	13.2	93	20	5.9	106	161
5-10-88	25.2	8.1	0.00	7.62	6.88	327	2.4	23.7	11.1	78	19	1.8	113	169
5-11-88	26.1	5.7	0.00	7.62	4.88	287	3.2	21.2	12.6	68	21	3.4	118	177
5-12-88	31.4	9.3	0.00	5.59	6.21	288	6.6	23.4	13.7	78	14	5.1	129	187
5-13-88	20.2	1.4	0.00	15.24	8.13	63	3.5	23.6	12.9	62	15	-5.5	130	192
5-14-88	33.8	9.0	0.00	7.62	4.55	226	5.6	21.6	14.5	48	19	4.0	141	202
5-15-88	24.7	8.5	0.00	10.92	7.04	314	6.9	22.4	15.6	71	14	2.0	148	210
5-16-88	18.5	3.7	0.00	11.43	7.38	10	4.5	22.4	13.2	84	34	2.6	149	214
5-17-88	26.6	3.4	0.00	6.60	8.08	153	4.6	23.7	12.8	83	15	1.3	154	222
5-18-88	31.5	16.3	0.00	11.43	6.02	185	6.8	24.7	16.6	54	25	8.4	168	235
5-19-88	31.4	16.6	0.00	15.24	5.14	194	3.9	25.9	18.2	81	31	11.0	182	249
5-20-88	27.1	14.5	0.00	7.62	3.36	344	2.7	25.1	18.1	91	55	15.2	192	259
5-21-88	25.2	15.3	5.08	0.00	4.68	350	3.4	25.4	16.6	94	56	15.5	203	270
5-22-88	18.8	15.0	14.22	0.00	1.59	44	4.4	18.6	16.5	92	87	15.0	210	276
5-23-88	25.6	13.1	3.81	0.00	8.12	37	3.7	24.1	14.8	91	34	10.7	219	286
5-24-88	25.8	10.7	0.00	7.62	8.08	73	3.4	26.0	15.0	83	14	4.6	227	294
5-25-88	28.5	8.1	0.00	10.41	8.06	201	6.0	25.7	15.0	64	23	5.6	235	303
5-26-88	31.1	18.5	0.00	13.46	6.77	219	8.2	26.6	18.8	72	33	13.7	250	318
5-27-88	32.1	16.5	3.56	8.38	7.68	194	3.9	28.9	19.0	91	38	15.7	265	331
5-28-88	34.9	19.3	0.00	10.41	7.63	206	5.7	29.6	20.3	80	21	14.5	282	345
5-29-88	32.7	19.0	0.00	14.48	6.76	202	7.0	27.6	21.0	86	25	14.2	297	360
5-30-88	33.2	20.9	0.51	12.45	7.33	197	7.4	27.9	21.2	68	31	14.3	315	375
5-31-88	32.8	19.7	0.00	14.22	6.60	193	5.9	28.3	21.3	72	32	14.5	331	390
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	27.3	11.8	38.1	249.41	6.29	203	5.1	23.7	15.5	74	26	7.0	297	304

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DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030
6-1-88	31.4	17.4	0.00	10.67	6.67	209	3.7	28.3	21.4	81	30	15.2	345	404
6-2-88	32.5	14.4	0.00	10.67	6.73	94	1.5	29.6	20.3	91	33	15.7	359	416
6-3-88	31.8	17.1	0.00	6.60	7.18	86	2.2	29.7	21.1	90	40	17.0	373	430
6-4-88	32.7	16.0	0.00	10.16	7.07	173	2.4	29.7	21.2	87	35	15.1	387	443
6-5-88	32.0	16.9	0.00	10.41	8.20	211	4.4	29.7	21.9	75	18	10.3	402	456
6-6-88	32.0	14.8	0.00	11.43	8.44	209	4.2	29.1	20.5	63	13	6.2	415	469
6-7-88	34.0	16.5	0.00	15.24	7.67	206	3.3	29.7	20.6	62	29	11.7	431	482
6-8-88	31.8	13.4	0.00	11.43	7.85	73	4.9	27.7	20.3	79	33	12.7	443	494
6-9-88	25.7	6.6	0.00	12.19	8.71	110	2.9	26.7	17.7	90	13	1.1	449	501
6-10-88	29.3	7.4	0.00	9.91	8.43	199	3.4	27.3	17.6	54	13	-0.6	458	511
6-11-88	31.1	14.6	0.00	13.46	7.65	203	6.1	26.2	19.0	45	15	3.1	470	523
6-12-88	35.2	19.4	0.00	15.24	7.47	205	7.0	27.8	20.4	40	19	7.9	488	538
6-13-88	33.2	20.1	0.76	15.24	6.78	221	5.0	28.0	22.1	87	34	16.4	504	553
6-14-88	30.3	17.7	0.00	13.21	6.35	250	6.0	27.3	22.2	68	40	13.4	518	567
6-15-88	26.3	13.2	0.00	10.92	8.22	324	3.0	27.6	19.7	90	32	10.6	528	577
6-16-88	30.7	11.6	0.00	7.62	7.45	143	1.8	28.4	19.3	86	24	9.6	539	587
6-17-88	27.2	15.9	9.14	0.00	6.57	172	3.7	25.8	20.1	90	43	17.3	551	599
6-18-88	35.5	17.8	0.00	7.62	7.42	209	6.4	27.2	20.0	88	38	18.6	568	613
6-19-88	39.9	24.1	0.00	13.72	7.25	241	3.3	30.7	22.8	67	19	17.7	590	630
6-20-88	37.5	18.6	0.00	10.67	8.38	108	2.7	29.6	22.6	73	12	12.3	608	644
6-21-88	40.3	23.4	0.00	11.43	7.69	215	4.0	29.6	23.4	72	25	18.1	629	661
6-22-88	32.0	17.8	0.00	11.43	6.88	27	3.4	28.5	23.7	55	16	7.7	644	675
6-23-88	25.7	14.2	0.00	11.18	2.73	153	3.1	23.7	20.8	84	47	14.0	654	685
6-24-88	39.4	21.5	5.08	0.00	8.03	214	7.1	27.2	20.1	75	28	18.2	675	701
6-25-88	30.3	16.9	0.00	17.02	8.56	0	4.4	27.0	22.5	70	32	13.3	688	714
6-26-88	28.6	11.7	0.00	11.43	8.49	86	2.2	26.9	19.9	89	31	11.2	698	724
6-27-88	30.3	13.4	0.00	7.62	8.36	198	3.4	28.1	20.2	87	34	13.0	710	736
6-28-88	38.9	17.4	0.00	11.43	6.54	228	6.1	32.9	21.7	90	30	16.0	728	750
6-29-88	18.6	15.5	4.57	4.57	1.45	105	5.0	23.5	18.5	91	74	14.6	736	757
6-30-88	25.1	12.6	0.00	3.30	8.31	111	4.1	27.4	17.3	84	30	9.6	744	765
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	31.6	15.9	19.55	305.82	7.25	166	4.0	28.0	20.6	77	29	12.2	413	375
7-1-88	28.2	10.4	0.00	7.62	7.76	172	2.1	30.3	18.1	90	23	9.0	754	775
7-2-88	29.5	12.9	0.00	9.40	8.05	228	1.9	32.2	20.6	88	25	10.6	765	786
7-3-88	28.8	13.4	0.00	7.11	8.07	194	3.7	31.0	21.3	88	39	14.4	776	797
7-4-88	34.8	18.8	0.00	8.64	7.82	195	5.9	32.3	22.8	85	44	20.2	793	811
7-5-88	36.2	22.5	0.00	11.43	7.95	194	5.3	34.1	24.9	76	35	20.1	812	828
7-6-88	36.4	24.4	0.00	14.73	8.04	197	6.5	34.5	26.2	74	37	20.1	833	845
7-7-88	35.8	18.2	0.00	14.99	7.57	217	5.7	35.5	26.3	90	35	19.4	850	859
7-8-88	27.7	17.4	10.41	2.03	5.25	350	1.1	31.1	22.8	90	62	18.6	862	872
7-9-88	27.7	18.1	5.33	0.00	5.01	223	2.1	29.4	22.8	90	61	19.6	875	884
7-10-88	27.6	16.3	1.52	2.79	7.91	350	2.8	32.6	20.5	90	44	15.5	887	896
7-11-88	26.4	15.2	0.00	8.89	7.39	54	1.3	31.2	21.3	86	52	14.3	898	907
7-12-88	29.0	14.2	0.00	4.32	2.02	161	3.6	32.1	21.2	90	52	16.9	909	919
7-13-88	35.6	19.2	2.79	5.33	7.34	244	3.0	36.0	23.2	87	28	19.7	927	933
7-14-88	33.2	15.7	0.00	11.43	8.07	144	2.9	33.7	23.8	89	32	18.2	941	946
7-15-88	36.7	21.5	0.00	7.62	7.84	248	5.1	34.5	26.8	85	32	20.8	960	962
7-16-88	31.9	15.6	0.00	11.94	7.60	352	2.1	34.9	24.0	83	22	13.1	974	975
7-17-88	31.1	16.5	0.00	7.62	7.43	278	1.2	31.2	24.7	88	39	17.4	988	988
7-18-88	30.3	16.0	1.02	2.54	7.39	12	1.8	32.8	23.1	89	26	14.1	1001	1001
7-19-88	22.0	12.7	0.00	7.62	2.02	254	1.4	26.3	20.8	91	74	14.7	1008	1008
7-20-88	24.9	12.3	0.25	1.52	7.34	332	3.3	28.7	19.0	91	39	11.7	1017	1017
7-21-88	29.5	11.2	0.00	6.60	8.07	334	2.0	32.2	19.8	88	34	12.3	1027	1027
7-22-88	31.7	12.0	0.00	7.11	7.84	201	1.8	32.9	21.4	89	19	11.3	1039	1038
7-23-88	31.8	15.4	0.00	10.41	7.60	207	3.5	32.6	22.7	88	33	14.4	1053	1051
7-24-88	29.3	15.1	0.00	9.91	7.43	1	2.4	32.5	24.1	88	29	13.4	1065	1063
7-25-88	30.0	10.5	0.00	7.11	7.93	352	2.0	32.6	21.8	89	22	10.8	1075	1074
7-26-88	35.0	13.4	0.00	7.62	7.68	239	3.5	33.0	22.3	83	17	12.5	1089	1085
7-27-88	34.9	19.8	0.00	11.43	7.81	224	4.8	32.9	24.2	73	19	14.8	1107	1100
7-28-88	34.3	19.2	0.00	13.97	7.55	211	5.6	32.7	24.3	79	31	17.1	1123	1115
7-29-88	32.8	23.3	0.00	12.95	5.42	219	4.3	31.9	25.8	76	49	20.2	1142	1131
7-30-88	35.9	15.9	0.00	8.64	7.38	210	1.4	34.6	24.0	87	17	14.0	1157	1144
7-31-88	40.5	23.6	0.00	8.38	7.37	222	4.6	34.8	26.3	79	12	16.2	1179	1161
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	31.6	16.5	21.32	251.7	7.10	220	3.2	32.5	22.9	86	35	15.7	435	396

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8-1-88	36.8	21.6	0.00	13.97	7.05	204	5.0	34.4	26.5	77	25	17.4	1199	1177
8-2-88	34.1	20.8	0.00	15.24	2.96	179	2.9	30.9	23.9	88	42	19.2	1216	1192
8-3-88	28.9	20.3	26.42	10.16	3.18	218	3.1	27.1	22.8	89	69	21.2	1231	1207
8-4-88	25.6	16.0	10.67	4.06	5.71	334	3.1	27.0	21.0	89	57	16.3	1242	1218
8-5-88	28.9	12.6	0.00	5.84	7.56	244	3.3	28.7	18.5	90	27	13.1	1252	1228
8-6-88	31.7	17.4	0.00	8.38	7.09	210	4.3	30.5	20.3	84	40	16.7	1267	1242
8-7-88	35.4	21.4	0.00	11.18	5.94	210	5.2	32.1	23.3	88	45	19.1	1285	1258
8-8-88	27.1	16.6	24.89	12.70	6.80	2	2.6	28.0	21.9	88	52	16.9	1297	1270
8-9-88	29.1	13.2	0.00	7.62	7.23	230	1.9	29.7	19.3	89	42	15.5	1308	1281
8-10-88	31.2	17.0	0.00	4.83	6.94	196	4.0	30.3	21.0	88	60	19.7	1322	1294
8-11-88	33.9	22.4	0.00	7.62	6.40	211	5.0	31.1	23.6	86	51	22.0	1340	1311
8-12-88	33.0	21.8	0.00	8.64	6.53	194	4.1	31.8	24.4	85	56	21.7	1358	1326
8-13-88	29.7	19.6	0.00	9.14	4.45	242	3.1	28.4	23.7	88	59	20.5	1373	1341
8-14-88	31.7	18.3	15.75	4.06	6.79	73	0.8	29.7	21.9	90	48	19.7	1388	1355
8-15-88	37.0	20.4	0.00	5.84	7.01	183	3.1	31.5	23.1	88	41	21.8	1406	1370
8-16-88	36.9	25.8	0.00	7.62	6.87	216	5.3	31.9	25.1	79	36	21.3	1428	1388
8-17-88	34.8	21.4	0.00	13.72	5.96	295	3.7	32.4	25.5	87	49	21.0	1446	1404
8-18-88	21.6	17.6	0.25	7.87	1.65	36	3.2	27.5	22.9	90	80	16.7	1455	1414
8-19-88	26.4	16.5	0.00	1.78	3.63	49	1.8	25.8	21.6	89	63	16.7	1467	1425
8-20-88	28.9	13.7	0.00	2.79	6.02	195	2.0	27.9	20.4	90	53	16.9	1478	1436
8-21-88	28.5	19.4	0.00	7.11	2.03	157	3.9	25.0	22.4	88	66	19.2	1492	1450
8-22-88	26.7	18.1	14.22	1.52	3.42	188	2.4	25.2	21.4	88	64	18.8	1504	1463
8-23-88	26.6	13.9	18.03	5.33	6.86	295	3.5	24.3	19.1	88	31	11.5	1515	1473
8-24-88	27.9	11.6	0.00	6.10	6.77	299	3.4	24.2	17.5	85	29	11.1	1524	1483
8-25-88	24.2	11.9	0.00	11.43	6.63	328	3.7	23.7	18.4	73	30	8.5	1532	1491
8-26-88	25.7	8.0	0.00	6.86	4.79	237	2.8	23.3	16.9	88	23	8.9	1539	1499
8-27-88	20.5	8.2	2.29	4.32	6.38	333	3.9	22.2	17.8	88	37	9.1	1544	1504
8-28-88	21.0	6.8	0.00	7.37	5.43	309	2.7	21.0	15.2	85	28	4.9	1548	1509
8-29-88	25.3	4.7	0.00	4.57	6.59	43	2.0	22.4	14.6	88	21	4.9	1553	1517
8-30-88	28.1	5.0	0.00	6.35	6.55	164	2.0	23.2	15.5	90	19	8.7	1559	1526
8-31-88	30.8	16.1	0.00	6.86	5.06	194	5.4	23.5	17.9	68	40	13.1	1573	1539
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	29.3	16.1	112.52	230.88	5.69	202	3.3	27.6	20.9	86	45	15.9	394	378
9-1-88	31.4	17.1	0.76	10.67	4.09	219	3.8	23.9	19.6	81	23	13.3	1587	1553
9-2-88	31.5	10.2	0.00	3.81	5.18	299	3.7	23.6	18.1	82	11	6.0	1598	1563
9-3-88	20.5	13.5	0.51	8.89	3.58	352	4.8	21.2	17.4	88	59	11.7	1605	1570
9-4-88	23.9	9.1	0.76	3.81	5.69	354	4.7	24.1	15.9	88	29	9.8	1611	1577
9-5-88	21.8	5.1	0.00	7.37	6.03	335	2.4	24.4	14.5	88	26	4.1	1615	1583
9-6-88	25.8	3.4	0.00	4.83	6.02	234	2.4	25.2	14.2	88	20	4.1	1619	1591
9-7-88	28.1	12.6	0.00	7.62	5.42	193	5.6	24.3	16.6	60	31	7.5	1629	1601
9-8-88	23.7	8.4	0.00	7.62	3.96	300	3.3	22.8	17.1	87	14	5.1	1636	1608
9-9-88	29.0	6.3	0.00	5.08	5.39	252	3.4	24.1	14.4	61	13	-0.5	1643	1617
9-10-88	31.2	10.3	0.00	9.40	4.55	153	3.7	24.5	15.9	72	28	9.2	1654	1627
9-11-88	32.7	17.5	0.00	7.62	5.05	199	6.2	26.6	19.9	72	29	11.8	1669	1641
9-12-88	17.7	7.8	1.52	7.62	2.58	342	4.3	22.6	16.1	88	66	9.9	1672	1645
9-13-88	24.2	3.8	0.00	3.81	5.71	281	2.7	23.6	13.6	90	18	4.0	1676	1652
9-14-88	25.6	7.8	0.00	3.81	4.50	74	2.9	23.4	15.0	85	23	5.4	1682	1660
9-15-88	16.2	12.3	2.54	5.33	0.46	125	3.8	19.1	15.7	88	64	11.8	1687	1664
9-16-88	25.7	14.8	45.72	0.00	5.18	224	3.3	22.0	15.6	89	47	14.4	1697	1674
9-17-88	33.5	13.8	0.00	3.81	5.41	219	2.8	24.6	15.2	88	17	13.8	1711	1686
9-18-88	30.9	21.5	0.00	6.86	4.75	203	5.7	26.9	19.4	83	53	19.3	1727	1702
9-19-88	22.8	8.8	0.00	7.62	1.16	297	6.4	22.6	14.1	89	79	10.7	1733	1708
9-20-88	16.4	5.2	2.03	0.00	5.08	332	4.4	20.0	12.0	90	62	6.4	1733	1712
9-21-88	22.3	3.8	0.00	3.81	3.09	146	3.3	18.8	11.2	91	61	10.6	1736	1718
9-22-88	19.9	7.4	0.00	2.03	2.89	331	3.7	19.9	14.3	90	38	10.0	1740	1723
9-23-88	22.8	4.0	0.00	3.81	5.27	268	2.6	21.6	11.1	83	15	1.0	1744	1729
9-24-88	24.7	10.4	0.00	3.81	4.92	207	6.2	20.7	13.2	64	19	3.9	1751	1737
9-25-88	25.4	8.6	0.00	7.62	4.71	97	4.0	21.6	13.4	81	25	7.4	1758	1744
9-26-88	27.2	13.9	7.62	2.29	4.72	224	3.9	23.2	15.4	82	43	13.4	1769	1755
9-27-88	18.5	9.1	0.00	3.81	4.53	32	3.6	20.9	13.3	83	44	7.3	1772	1759
9-28-88	13.9	9.8	6.60	0.00	0.31	109	6.0	15.4	13.0	88	77	9.3	1774	1761
9-29-88	14.7	11.9	8.13	0.00	0.48	44	3.6	14.9	13.3	93	87	11.5	1778	1764
9-30-88	19.2	10.6	2.03	0.00	2.48	231	2.4	18.0	13.9	95	69	12.4	1782	1769
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	24.0	10.0	78.22	142.76	4.11	222	4.0	22.2	15.1	83	40	8.8	209	230

LAMBERTON

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030
10-1-88	19.4	7.7	0.00	1.78	4.18	334	4.1	17.2	11.6	87	42	7.8	1786	1774
10-2-88	16.1	3.8	0.00	3.81	4.66	325	3.1	17.2	9.1	86	39	2.9	1786	1777
10-3-88	11.9	1.1	0.00	M	3.41	336	4.5	14.8	8.9	88	43	1.1	1786	1778
10-4-88	10.3	-2.1	0.00	M	4.63	356	3.9	14.0	5.7	83	38	-3.6	1786	1778
10-5-88	14.3	-3.9	0.00	M	4.51	197	1.8	15.2	5.0	87	24	-4.1	1786	1780
10-6-88	16.1	0.7	0.00	M	4.47	216	2.4	15.6	6.9	76	19	-4.0	1786	1783
10-7-88	15.0	0.7	0.00	M	4.30	254	4.2	14.8	6.8	87	53	2.9	1786	1786
10-8-88	20.1	1.2	0.00	M	4.19	216	1.9	17.2	7.5	89	37	4.0	1787	1791
10-9-88	22.5	4.9	0.00	M	4.18	282	3.3	17.6	9.0	84	22	3.9	1790	1797
10-10-88	15.7	3.4	0.00	M	4.27	336	5.7	16.3	10.7	57	32	0.3	1790	1800
10-11-88	12.6	0.4	0.00	M	4.12	335	3.5	14.3	7.5	72	32	-3.2	1790	1801
10-12-88	14.8	-4.4	0.00	M	4.05	153	2.5	14.2	5.5	82	21	-5.3	1790	1804
10-13-88	21.9	5.0	0.00	M	3.92	192	5.3	15.3	6.8	64	26	0.4	1794	1810
10-14-88	25.2	10.5	0.00	M	3.88	214	3.9	18.3	10.6	73	33	7.1	1802	1818
10-15-88	24.5	6.4	0.00	M	2.65	289	2.4	17.6	10.8	86	38	8.1	1807	1825
10-16-88	18.3	8.7	0.00	M	3.63	304	3.7	16.8	11.3	85	26	4.9	1811	1829
10-17-88	13.2	0.6	0.00	M	0.54	337	4.1	13.4	9.1	87	68	5.4	1811	1831
10-18-88	13.6	-1.2	0.00	M	2.68	298	4.0	12.3	6.9	88	35	-0.8	1811	1832
10-19-88	12.6	-2.7	0.00	M	2.41	234	2.6	11.9	5.4	81	31	-3.1	1811	1834
10-20-88	12.5	4.8	0.00	M	0.62	217	4.3	10.0	7.9	88	66	3.8	1811	1835
10-21-88	10.8	-2.5	0.76	M	3.50	330	4.2	11.8	6.5	88	45	0.8	1811	1835
10-22-88	15.6	-3.6	0.00	M	2.98	196	4.5	11.2	4.2	86	39	0.0	1811	1838
10-23-88	8.0	-3.9	0.00	M	2.27	327	5.6	9.6	4.6	71	44	-6.0	1811	1838
10-24-88	11.1	-5.4	0.00	M	3.13	320	3.3	9.6	2.4	72	29	-8.0	1811	1839
10-25-88	6.3	-5.1	0.00	M	3.54	314	4.0	8.0	2.1	76	26	-8.8	1811	1839
10-26-88	12.6	-8.2	0.00	M	2.83	190	4.0	8.5	1.2	72	29	-5.8	1811	1840
10-27-88	10.2	-1.2	0.00	M	0.77	305	7.1	7.7	3.8	88	42	-2.2	1811	1840
10-28-88	3.2	-8.1	0.00	M	3.41	319	4.2	6.5	1.4	72	28	-11.3	1811	1840
10-29-88	4.2	-8.5	0.00	M	2.45	347	1.7	6.1	0.7	66	25	-13.2	1811	1840
10-30-88	9.3	-8.6	0.00	M	3.19	202	5.6	6.0	0.4	57	20	-12.1	1811	1840
10-31-88	15.8	3.0	0.00	M	2.97	280	6.6	10.0	3.5	59	24	-3.5	1811	1843
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	14.1	-0.2	0.76	M	3.30	276	3.9	12.9	6.3	79	35	-1.3	29	74

MORRIS

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE	ACCM D.D. BASE
4-1-88	13.3	-6.7	0.00	M	5.65	111	2.3	6.2	-0.6	93	23	-5.1	0	2
4-2-88	6.7	-0.4	9.91	M	1.17	59	3.8	2.8	-0.4	97	70	1.9	0	2
4-3-88	9.6	1.3	0.00	M	1.76	329	2.0	5.6	1.2	98	86	4.1	1	2
4-4-88	14.5	3.3	0.00	M	4.09	118	4.4	8.6	2.2	96	78	7.3	5	4
4-5-88	14.4	2.0	0.76	M	2.28	328	3.1	6.5	2.6	93	43	3.3	9	6
4-6-88	19.2	-0.8	0.00	M	6.22	264	3.6	9.3	0.3	87	17	-1.1	14	11
4-7-88	27.0	2.5	0.00	M	6.15	110	5.1	11.0	1.4	90	20	4.3	24	19
4-8-88	28.7	4.3	0.51	M	5.45	170	9.0	12.9	6.0	83	23	5.7	36	29
4-9-88	11.2	-1.3	0.00	M	4.38	318	6.2	7.4	2.2	95	33	-2.5	37	29
4-10-88	13.4	-5.0	0.00	M	4.81	306	3.0	6.8	0.1	88	23	-5.6	37	31
4-11-88	17.5	-3.8	0.00	M	6.49	165	2.4	10.9	0.1	87	16	-6.2	39	35
4-12-88	25.3	-0.9	0.00	M	6.38	166	3.3	14.3	1.3	66	13	-4.6	47	42
4-13-88	12.5	-0.3	0.00	M	6.11	330	5.3	11.9	4.6	47	26	-6.0	49	44
4-14-88	8.2	-1.3	0.00	M	2.22	336	5.7	8.4	3.7	35	19	-15.5	49	44
4-15-88	12.8	-1.8	0.00	M	3.92	351	2.2	10.2	4.1	45	18	-11.4	50	45
4-16-88	23.9	-4.4	0.00	M	6.65	206	5.9	11.7	1.6	51	13	-9.1	55	52
4-17-88	16.7	-3.7	0.00	M	5.87	336	7.5	9.1	3.9	62	19	-9.3	57	55
4-18-88	7.9	-8.2	0.00	5.08	7.11	335	4.5	8.1	1.1	52	18	-16.4	57	55
4-19-88	14.9	-8.2	0.00	2.79	7.09	283	3.3	9.9	0.8	47	16	-14.5	57	58
4-20-88	9.1	-1.3	0.00	5.59	7.08	355	4.5	9.8	3.5	50	18	-15.4	57	58
4-21-88	9.4	-2.8	0.00	2.79	2.97	352	2.5	8.1	3.2	47	19	-13.2	57	58
4-22-88	13.0	3.0	0.00	2.79	4.36	100	5.4	9.8	3.3	73	18	-7.4	61	59
4-23-88	13.8	-0.5	0.00	8.38	7.02	333	2.8	13.9	4.8	96	18	-6.5	63	61
4-24-88	20.8	-3.9	0.00	7.37	6.52	215	4.4	14.2	4.7	54	16	-8.5	67	66
4-25-88	12.8	-0.9	0.00	5.33	5.12	326	4.9	11.8	6.5	60	22	-7.3	68	68
4-26-88	4.4	1.2	3.30	0.00	1.68	354	4.3	8.6	5.2	92	60	-0.9	68	68
4-27-88	15.3	-2.5	0.00	4.83	6.98	319	3.4	12.8	3.2	80	16	-7.3	70	71
4-28-88	21.2	-2.1	0.00	6.35	7.47	224	2.1	16.8	4.6	75	13	-9.0	75	76
4-29-88	24.6	3.4	0.00	11.94	7.36	147	4.7	18.3	8.0	58	13	-5.4	85	83
4-30-88	24.0	11.4	0.00	8.89	3.39	142	8.2	16.5	12.2	54	25	2.6	98	91
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	15.5	-0.9	14.48	M	5.13	250	4.3	10.4	3.2	72	27	-5.3	98	91
5-1-88	27.2	12.3	0.00	18.54	5.86	146	10.3	18.6	12.6	41	14	-0.2	114	101
5-2-88	27.6	14.6	0.00	18.80	6.07	139	9.4	20.1	14.3	45	12	-5.5	130	112
5-3-88	26.7	11.2	0.00	12.45	6.78	117	6.8	20.9	14.0	33	12	-5.9	145	121
5-4-88	25.6	5.4	0.00	7.87	7.36	320	4.0	22.0	13.1	61	13	-2.7	156	129
5-5-88	27.5	4.5	0.00	7.62	7.25	313	2.9	23.3	13.4	66	12	-1.7	167	137
5-6-88	27.9	9.3	1.52	7.87	3.83	141	8.3	19.1	14.5	72	13	3.6	181	146
5-7-88	25.7	11.2	0.00	7.87	3.40	149	8.5	17.8	14.5	76	23	6.7	195	155
5-8-88	25.0	9.0	18.03	10.41	6.93	164	4.3	22.7	12.7	93	17	4.5	208	162
5-9-88	19.6	7.5	0.00	7.37	6.74	322	7.9	18.7	12.9	94	21	4.1	217	167
5-10-88	22.1	7.8	0.00	7.11	7.13	353	2.9	22.7	11.8	76	15	0.6	228	173
5-11-88	25.6	7.5	0.00	7.11	6.21	297	3.8	23.1	13.9	73	22	3.8	240	181
5-12-88	28.8	4.8	0.00	9.14	6.64	322	5.5	24.9	15.2	82	14	4.4	252	190
5-13-88	18.4	-0.7	0.00	9.40	8.06	97	3.2	23.1	12.2	65	15	-7.0	257	195
5-14-88	27.6	9.6	0.00	9.91	5.75	175	7.2	22.1	14.6	40	20	0.4	271	203
5-15-88	20.6	5.2	0.51	6.60	4.57	303	7.7	18.6	14.9	77	18	2.7	279	209
5-16-88	18.6	4.7	0.00	5.08	7.63	12	3.3	22.1	11.7	79	17	-3.1	286	213
5-17-88	24.6	5.0	0.00	15.24	8.11	132	7.0	21.9	13.1	76	13	-1.9	297	220
5-18-88	31.6	15.3	0.25	11.94	6.20	153	8.8	23.9	16.5	79	21	6.5	316	233
5-19-88	23.9	14.7	0.76	5.08	6.18	333	4.4	25.6	18.6	88	56	13.9	331	242
5-20-88	21.5	13.0	3.30	0.00	2.58	346	3.0	21.3	18.2	93	74	14.5	343	250
5-21-88	19.3	13.2	7.37	5.33	2.70	2	4.8	19.3	16.7	93	71	12.7	355	256
5-22-88	17.0	12.8	1.78	1.02	1.98	32	5.0	17.3	15.2	92	78	12.4	366	261
5-23-88	25.9	8.5	0.00	7.87	8.24	11	2.7	25.9	13.0	90	17	7.0	378	269
5-24-88	24.5	9.6	0.00	10.92	8.23	84	3.6	26.7	15.9	60	14	0.3	391	276
5-25-88	29.2	19.9	0.00	9.91	5.52	203	6.0	26.1	18.7	61	17	5.5	411	290
5-26-88	32.3	15.0	9.91	10.67	7.07	211	3.9	29.1	19.5	90	29	13.7	430	303
5-27-88	28.7	20.1	0.00	6.86	5.72	125	3.0	29.1	20.9	85	51	17.9	450	317
5-28-88	33.9	17.4	0.00	10.67	7.57	152	4.5	30.5	20.9	90	30	16.5	471	331
5-29-88	31.6	18.5	0.00	8.89	7.02	165	6.3	29.2	22.3	78	32	14.3	492	345
5-30-88	32.2	19.9	0.00	12.45	6.38	157	6.5	29.0	22.9	81	34	14.8	514	360
5-31-88	33.0	19.3	0.00	11.68	6.97	163	6.2	29.8	22.7	72	30	14.4	535	375
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	25.9	11.2	43.43	281.68	6.15	182	5.5	23.4	15.9	74	27	5.39	437	284

MORRIS

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 4.44	ACCM D.D. BASE 1030
6-1-88	31.3	17.7	0.00	9.65	7.09	175	4.2	30.9	23.1	84	31	14.6	555	389
6-2-88	33.3	15.3	0.00	6.60	6.81	26	2.2	32.1	22.9	90	21	14.1	575	401
6-3-88	31.4	18.5	0.00	6.35	7.39	98	2.5	32.7	24.4	90	38	16.9	596	416
6-4-88	32.5	16.3	0.00	9.65	8.05	128	3.3	33.7	24.4	85	31	14.8	616	429
6-5-88	32.8	17.3	0.00	11.43	7.75	168	4.0	32.8	25.1	81	21	12.0	636	442
6-6-88	32.6	13.8	0.00	10.16	8.45	181	3.8	32.4	23.8	67	14	6.7	655	454
6-7-88	35.7	14.6	0.00	10.16	8.05	140	3.0	33.7	23.9	65	18	10.0	676	467
6-8-88	28.7	10.8	0.00	11.68	7.82	72	6.3	30.0	24.5	76	38	10.8	691	476
6-9-88	25.2	7.0	0.00	8.13	8.78	109	3.7	29.6	20.3	59	14	0.0	703	484
6-10-88	29.9	7.8	0.00	10.92	8.51	167	4.1	29.5	20.4	52	11	-1.5	717	494
6-11-88	33.0	13.1	0.00	14.22	7.80	169	5.4	29.9	21.7	45	15	3.5	736	505
6-12-88	35.9	17.5	0.00	8.89	6.90	125	4.2	31.6	23.5	72	22	10.5	758	519
6-13-88	30.8	17.5	6.35	6.10	5.94	324	2.9	30.7	24.5	90	47	17.4	778	533
6-14-88	23.4	14.1	0.00	5.59	4.79	278	4.4	27.6	22.9	92	68	16.3	792	542
6-15-88	26.7	12.3	0.76	7.62	7.68	302	3.5	29.1	20.3	92	27	11.1	807	551
6-16-88	28.5	10.6	3.30	8.89	8.19	90	2.7	30.3	19.9	94	27	10.1	822	561
6-17-88	29.4	15.3	0.00	6.86	8.03	137	4.7	29.7	21.4	89	43	15.5	840	573
6-18-88	36.5	16.3	0.00	10.92	7.04	167	4.8	30.9	22.9	92	31	17.3	862	586
6-19-88	37.9	20.0	0.00	11.94	8.21	304	3.1	34.3	25.2	86	12	13.9	887	601
6-20-88	35.6	18.9	0.00	10.41	8.47	106	3.3	34.4	25.3	65	13	9.4	910	616
6-21-88	36.9	23.3	0.00	10.67	4.79	117	5.0	31.7	26.9	83	35	16.9	935	632
6-22-88	29.7	17.3	0.00	9.91	8.19	10	3.8	33.3	25.9	84	14	9.4	954	646
6-23-88	27.3	16.4	0.00	11.18	5.76	137	4.8	29.7	24.7	77	40	11.7	972	658
6-24-88	40.2	18.8	2.03	8.64	7.94	152	4.1	35.2	24.4	87	24	17.9	997	672
6-25-88	27.1	16.9	0.00	12.45	8.50	348	4.6	31.7	25.6	86	39	13.1	1014	684
6-26-88	28.8	13.4	0.00	8.38	8.19	82	2.5	32.5	23.4	89	22	10.6	1031	695
6-27-88	31.7	13.7	0.00	10.67	8.29	162	4.0	32.3	23.9	83	25	11.3	1049	707
6-28-88	35.5	16.3	0.00	11.94	6.48	88	5.7	33.7	25.8	83	32	13.6	1071	720
6-29-88	23.1	14.8	0.00	9.65	5.10	96	6.5	27.4	24.1	83	26	8.5	1085	729
6-30-88	26.9	11.0	0.00	7.87	8.13	102	4.5	28.8	21.1	59	17	3.0	1100	738
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	31.3	15.2	12.44	287.53	7.44	152	4.0	31.4	23.5	79	27	11.3	565	363
7-1-88	20.3	12.0	0.76	0.51	2.84	39	2.8	24.4	21.4	85	43	8.9	1111	744
7-2-88	29.3	13.0	0.00	8.89	8.22	171	2.0	30.4	20.2	93	19	9.5	1128	755
7-3-88	30.9	13.1	0.00	11.43	7.93	164	4.1	30.5	22.2	86	32	12.8	1146	767
7-4-88	37.9	18.4	0.00	12.70	7.58	156	5.1	32.5	24.1	86	35	18.4	1169	781
7-5-88	38.1	23.0	0.00	14.73	7.83	168	5.7	34.3	26.8	74	26	18.7	1195	798
7-6-88	38.7	24.8	0.00	14.99	6.94	169	6.2	34.2	28.2	75	29	19.1	1223	815
7-7-88	32.5	16.4	9.14	9.14	5.93	292	4.1	34.9	26.4	91	41	16.4	1243	828
7-8-88	29.3	15.2	0.00	1.27	7.20	156	1.9	29.3	23.2	92	38	15.9	1260	841
7-9-88	32.1	16.2	0.00	6.35	5.28	221	2.3	30.4	22.8	93	38	17.3	1280	854
7-10-88	26.3	14.8	0.00	10.41	7.93	347	3.8	30.6	22.7	93	35	11.6	1296	864
7-11-88	27.3	10.5	0.00	7.62	8.33	47	2.2	31.8	21.6	92	23	9.1	1311	873
7-12-88	29.9	14.0	27.18	13.21	6.97	141	6.2	29.7	22.7	92	36	13.7	1328	885
7-13-88	32.8	17.8	0.00	8.38	5.27	301	4.5	31.3	26.2	84	19	11.3	1349	899
7-14-88	32.2	15.5	0.00	11.18	7.71	120	3.9	32.3	22.8	90	10	15.8	1368	912
7-15-88	33.3	19.4	0.00	11.43	7.34	325	4.3	34.3	26.6	90	41	20.1	1390	926
7-16-88	31.8	13.7	0.00	8.64	7.79	24	2.2	34.5	24.3	88	28	13.1	1409	938
7-17-88	30.1	18.8	0.00	9.65	6.68	4	3.5	33.3	26.2	63	24	10.8	1429	953
7-18-88	29.7	18.5	2.03	5.84	7.44	332	2.0	33.9	28.9	64	31	10.2	1448	967
7-19-88	29.3	16.6	2.54	10.16	5.35	273	2.5	30.4	24.9	93	36	14.2	1467	980
7-20-88	24.9	16.1	0.00	3.56	5.00	342	3.2	28.7	22.9	86	49	14.2	1483	990
7-21-88	30.4	17.3	0.00	8.89	7.28	27	1.6	32.1	27.2	77	34	12.8	1502	1004
7-22-88	31.9	19.9	0.00	10.16	7.28	147	4.0	32.1	27.3	64	30	12.2	1524	1019
7-23-88	33.0	15.3	3.30	9.91	7.08	176	4.0	32.5	24.0	92	37	16.1	1543	1031
7-24-88	29.6	15.9	0.00	6.35	7.69	347	2.7	31.4	23.8	94	35	14.2	1562	1044
7-25-88	31.1	12.3	0.00	10.16	7.81	36	2.0	32.6	22.6	94	29	12.4	1579	1055
7-26-88	36.2	14.4	0.00	10.92	7.42	233	2.8	33.8	23.8	85	27	14.5	1600	1068
7-27-88	38.9	18.3	0.00	14.22	7.71	193	3.8	34.6	25.8	82	16	14.6	1624	1082
7-28-88	36.8	20.0	1.52	24.38	6.87	179	5.0	33.8	26.8	76	34	17.4	1648	1097
7-29-88	36.9	19.4	0.00	8.38	7.02	270	3.9	34.1	27.3	89	36	18.8	1672	1111
7-30-88	34.8	16.4	0.00	11.43	7.55	65	2.5	35.3	25.7	81	22	12.9	1693	1125
7-31-88	39.8	20.3	0.00	13.72	5.83	136	4.3	34.5	28.0	84	13	15.5	1718	1140
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	32.1	16.7	46.47	308.61	6.94	181	3.5	32.2	24.8	85	31	14.3	618	402

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DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P.	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE	ACCM D.D. BASE
													4.44	1030
8-1-88	37.5	19.2	0.00	17.78	6.28	111	6.1	33.1	27.2	94	32	18.3	1742	1154
8-2-88	29.0	18.7	40.13	5.08	3.90	117	2.7	29.8	24.3	96	68	20.6	1762	1168
8-3-88	26.3	17.5	0.76	13.21	2.92	26	3.0	26.0	23.1	95	82	20.1	1779	1180
8-4-88	25.1	15.4	23.62	2.03	5.24	326	3.6	26.9	21.0	94	63	16.3	1795	1190
8-5-88	30.0	11.8	0.25	10.16	7.44	252	2.5	29.4	19.2	97	34	14.7	1811	1201
8-6-88	34.0	17.4	0.00	12.19	7.19	167	4.1	31.6	21.8	90	44	18.8	1833	1215
8-7-88	32.3	19.2	0.00	6.10	4.41	195	4.8	30.4	24.8	91	53	18.7	1854	1230
8-8-88	25.9	15.3	0.25	7.11	6.77	349	2.8	31.0	22.5	90	50	14.6	1870	1240
8-9-88	30.1	11.3	0.00	8.38	7.25	182	2.5	31.9	21.9	97	42	14.9	1886	1251
8-10-88	33.3	17.7	0.00	11.68	6.98	168	4.9	32.3	24.1	93	51	20.4	1907	1265
8-11-88	37.5	20.5	4.32	9.91	6.40	149	4.3	33.9	24.9	90	42	21.4	1932	1280
8-12-88	35.0	18.6	8.38	0.00	6.14	140	5.5	31.5	23.9	94	52	21.8	1954	1294
8-13-88	25.6	17.7	5.59	8.38	2.79	316	3.3	28.3	23.3	95	81	20.5	1972	1306
8-14-88	30.0	16.6	25.15	5.33	6.94	350	1.9	31.1	21.1	96	56	19.0	1990	1319
8-15-88	37.4	18.0	0.00	10.16	6.83	141	4.6	32.3	23.1	94	45	22.1	2014	1333
8-16-88	37.6	22.6	0.00	11.94	6.60	188	4.8	33.8	25.8	92	40	22.6	2039	1349
8-17-88	29.9	19.1	0.00	6.60	5.48	355	3.7	34.1	27.2	94	63	22.1	2059	1364
8-18-88	21.8	17.3	0.00	4.06	2.20	57	3.9	28.8	24.2	92	76	16.1	2074	1373
8-19-88	26.1	15.5	0.00	1.02	4.43	108	2.3	29.0	22.5	94	65	16.7	2091	1384
8-20-88	28.6	15.0	0.00	9.14	5.73	154	3.7	29.2	22.1	96	59	18.0	2108	1396
8-21-88	26.1	20.0	0.00	1.78	1.49	136	6.2	25.7	22.6	94	79	19.8	2127	1409
8-22-88	27.4	13.5	3.05	4.06	4.08	81	2.2	27.6	21.9	95	57	18.5	2143	1420
8-23-88	26.9	12.3	3.81	9.65	6.09	295	5.1	25.3	18.7	95	36	11.6	2158	1429
8-24-88	28.9	11.0	0.00	8.64	6.47	307	3.8	27.2	18.3	86	33	10.5	2173	1439
8-25-88	24.2	11.8	0.00	7.62	6.29	328	4.2	25.9	19.6	71	36	8.1	2187	1447
8-26-88	26.4	6.6	0.00	6.35	4.93	218	2.4	25.8	17.9	95	31	9.2	2199	1455
8-27-88	20.5	9.4	2.29	6.86	6.47	316	4.8	23.7	17.7	94	33	7.4	2210	1461
8-28-88	21.2	4.9	0.00	4.06	4.81	314	2.9	21.9	15.4	89	38	5.8	2218	1466
8-29-88	23.1	5.6	0.00	2.79	6.47	26	2.1	25.3	15.0	98	37	7.6	2228	1473
8-30-88	26.5	8.7	0.00	8.38	6.47	117	3.8	25.6	16.8	95	32	9.7	2241	1481
8-31-88	30.3	14.2	0.00	11.43	4.44	141	4.9	25.3	19.0	82	47	15.4	2259	1493
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	28.9	14.9	117.60	231.88	5.48	198	3.8	28.8	21.6	92	50	16.2	541	353
9-1-88	27.6	15.4	26.16	6.10	5.55	274	3.0	24.9	20.0	95	49	16.7	2276	1505
9-2-88	24.8	10.9	0.00	6.10	4.78	314	3.7	23.8	17.3	92	42	11.2	2290	1512
9-3-88	19.6	13.4	0.51	3.81	3.68	347	4.4	21.8	17.7	94	70	13.1	2302	1519
9-4-88	21.6	9.3	0.00	6.35	5.97	347	4.4	23.6	16.0	95	39	9.8	2313	1525
9-5-88	20.7	5.9	0.00	4.06	5.36	341	2.3	22.8	14.9	94	39	6.5	2322	1530
9-6-88	24.5	5.3	0.00	6.35	6.19	131	2.5	24.6	14.3	95	31	6.7	2332	1537
9-7-88	26.7	10.8	0.00	6.60	5.22	162	5.0	23.3	16.5	83	39	10.2	2346	1546
9-8-88	22.5	8.2	0.00	8.38	5.37	300	4.5	22.4	17.0	91	18	5.7	2357	1552
9-9-88	26.2	4.4	0.00	7.62	5.63	305	2.7	23.2	14.5	83	16	2.0	2368	1560
9-10-88	24.8	9.8	0.00	9.14	3.01	97	6.0	20.3	15.8	75	41	7.8	2381	1568
9-11-88	31.1	14.1	8.89	8.38	3.79	186	5.8	24.6	18.8	94	41	14.0	2399	1580
9-12-88	15.7	4.9	0.00	2.79	3.45	335	5.0	20.6	14.7	96	66	9.2	2405	1583
9-13-88	24.9	2.2	0.00	5.59	5.79	264	3.0	21.2	11.4	98	29	6.1	2414	1590
9-14-88	23.0	8.4	0.51	3.56	4.95	75	2.9	22.1	14.2	80	31	6.2	2425	1597
9-15-88	16.3	12.4	30.99	3.56	0.96	107	5.3	18.6	15.3	95	72	11.8	2435	1601
9-16-88	22.3	13.1	0.00	2.29	2.84	173	3.5	19.3	14.9	95	75	14.8	2448	1609
9-17-88	29.4	11.0	0.00	4.83	5.17	127	3.1	22.3	14.1	95	55	16.3	2464	1619
9-18-88	29.8	15.0	4.83	6.35	4.19	141	4.0	24.2	17.0	94	62	19.1	2482	1631
9-19-88	22.7	7.6	7.11	1.78	0.68	330	7.6	21.9	12.9	96	83	10.4	2493	1638
9-20-88	8.9	4.8	0.25	2.29	2.79	328	5.2	13.6	11.0	94	87	5.8	2495	1638
9-21-88	17.1	7.0	0.00	1.27	2.81	100	4.1	16.0	11.1	95	77	10.5	2503	1641
9-22-88	17.3	8.2	0.00	3.30	2.58	311	3.8	16.8	13.3	96	57	10.2	2511	1645
9-23-88	21.4	3.4	0.00	5.59	5.22	255	2.7	19.1	10.2	92	27	4.3	2519	1651
9-24-88	25.3	8.5	0.00	5.84	4.47	181	4.4	19.8	12.7	75	35	7.9	2532	1658
9-25-88	17.9	5.8	0.00	4.57	3.82	66	4.5	17.9	12.7	94	58	7.9	2539	1662
9-26-88	23.6	11.6	0.00	4.83	4.61	318	3.2	21.2	13.9	93	45	11.4	2552	1670
9-27-88	14.8	5.2	0.51	4.57	4.62	35	3.8	19.5	13.4	92	64	7.0	2558	1672
9-28-88	10.0	7.2	36.32	4.06	0.38	83	7.5	15.2	11.2	96	83	7.3	2562	1672
9-29-88	12.1	9.7	0.25	0.25	0.98	21	2.5	13.6	11.4	95	93	10.0	2568	1673
9-30-88	18.4	10.1	0.00	0.00	1.67	220	2.1	15.8	12.7	95	81	11.5	2578	1677
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	21.4	8.8	116.33	140.21	3.88	209	4.1	20.5	14.4	92	53	9.7	319	184

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DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 4.44	ACCM D.D. BASE 1030
10-1-88	17.8	6.1	0.00	2.79	4.36	331	3.3	16.5	11.1	95	52	7.9	2586	1681
10-2-88	14.5	2.0	0.00	5.08	4.72	322	2.6	16.1	8.8	95	50	3.7	2590	1684
10-3-88	9.0	0.1	0.00	1.78	4.48	338	5.1	13.6	8.9	94	53	1.1	2590	1684
10-4-88	9.6	-3.2	0.00	5.08	4.66	344	3.0	12.8	5.6	93	45	-2.5	2590	1684
10-5-88	13.0	-2.6	0.00	2.29	4.45	154	2.0	13.5	5.5	96	36	-1.3	2590	1685
10-6-88	16.1	-1.4	0.00	4.06	4.46	188	2.6	14.3	6.6	87	25	-1.5	2593	1688
10-7-88	17.9	0.0	0.00	0.51	4.12	238	2.9	14.8	7.2	97	50	5.0	2598	1692
10-8-88	21.3	1.0	0.00	4.32	4.20	194	1.3	16.8	8.1	97	40	5.5	2604	1698
10-9-88	23.2	1.6	0.00	4.57	4.01	283	2.7	17.0	9.2	96	30	5.1	2612	1704
10-10-88	13.6	3.2	0.00	5.33	4.17	330	5.7	14.8	10.7	67	42	1.4	2616	1706
10-11-88	10.4	-1.2	0.00	2.03	4.10	333	3.4	12.8	7.3	88	46	-1.9	2617	1706
10-12-88	13.7	-2.4	0.00	4.83	4.00	127	3.5	12.7	6.0	88	32	-2.4	2618	1708
10-13-88	20.9	2.5	0.00	3.81	3.90	151	5.5	14.1	7.1	73	39	2.5	2625	1714
10-14-88	26.4	4.8	0.00	3.56	3.90	149	2.8	17.0	8.9	92	37	8.0	2636	1722
10-15-88	21.3	6.5	0.00	2.29	2.39	250	2.7	16.0	11.0	93	49	9.7	2646	1728
10-16-88	15.8	7.6	3.81	M	3.86	304	3.8	15.5	11.3	95	42	5.3	2653	1730
10-17-88	8.7	0.0	1.27	M	1.41	12	4.3	12.7	7.3	96	72	4.3	2653	1730
10-18-88	11.0	-0.3	0.00	M	3.42	294	4.4	10.8	6.2	97	61	2.1	2654	1731
10-19-88	10.7	-2.9	0.00	M	2.40	217	1.8	9.5	4.2	94	45	-0.5	2654	1731
10-20-88	9.2	3.9	3.05	M	0.73	169	3.3	8.8	6.6	97	70	4.2	2656	1731
10-21-88	8.8	-2.3	0.00	M	3.58	326	4.2	9.3	5.3	96	63	1.7	2656	1731
10-22-88	13.2	-2.3	0.00	M	2.70	154	6.4	8.5	3.3	96	51	2.0	2657	1733
10-23-88	7.1	-4.8	0.00	M	1.22	317	6.9	7.9	3.4	89	57	-4.1	2657	1733
10-24-88	6.1	-6.2	0.00	M	3.00	325	3.7	5.1	2.0	94	49	-4.9	2657	1733
10-25-88	4.7	-7.2	0.00	M	3.51	317	4.2	3.8	1.7	91	40	-7.2	2657	1733
10-26-88	8.3	-10.0	1.02	M	2.41	119	4.0	3.6	1.2	90	33	-7.2	2657	1733
10-27-88	6.9	-3.4	2.54	M	0.84	304	8.0	3.9	2.3	96	57	-1.3	2657	1733
10-28-88	-0.7	-8.2	0.00	M	3.38	309	5.3	2.3	1.2	85	54	-9.0	2657	1733
10-29-88	2.8	-9.6	0.00	M	2.89	316	1.4	1.2	0.4	90	40	-9.7	2657	1733
10-30-88	7.7	0.3	0.00	M	3.09	158	5.1	0.7	0.5	63	34	-6.7	2657	1733
10-31-88	11.4	-0.3	0.00	M	2.75	299	4.9	4.6	0.6	89	54	0.1	2658	1734
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	12.3	-0.9	11.69	M	3.33	247	3.9	10.7	5.8	91	47	0.3	80	57

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DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 4.44	ACCM D.D. BASE 10
4-1-88 *	1.7	-8.3	0.00	M	M	M	M	M	M	M	M	M	0	0
4-2-88 *	7.2	-0.6	0.00	M	M	M	M	M	M	M	M	M	0	0
4-3-88 *	13.9	-0.6	0.00	M	M	M	M	M	M	M	M	M	2	0
4-4-88 *	13.3	3.3	0.00	M	M	M	M	M	M	M	M	M	6	0
4-5-88 *	12.2	0.0	0.00	M	M	M	M	M	M	M	M	M	8	0
4-6-88 *	13.3	-5.6	0.00	M	M	M	M	M	M	M	M	M	8	0
4-7-88 *	17.2	1.1	0.00	M	M	M	M	M	M	M	M	M	12	0
4-8-88 *	20.0	1.7	0.00	M	M	M	M	M	M	M	M	M	19	1
4-9-88 *	21.1	-2.2	0.00	M	M	M	M	M	M	M	M	M	24	1
4-10-88 *	3.3	-3.9	0.00	M	M	M	M	M	M	M	M	M	24	1
4-11-88 *	7.8	-8.9	0.00	M	M	M	M	M	M	M	M	M	24	1
4-12-88 *	17.8	1.7	0.00	M	M	M	M	M	M	M	M	M	29	1
4-13-88 *	16.1	-8.3	0.00	M	M	M	M	M	M	M	M	M	29	1
4-14-88 *	5.0	-12.2	0.00	M	M	M	M	M	M	M	M	M	29	1
4-15-88 *	9.4	-8.9	0.00	M	M	M	M	M	M	M	M	M	29	1
4-16-88 *	11.7	-0.6	0.00	M	M	M	M	M	M	M	M	M	30	1
4-17-88 *	23.9	-4.4	0.00	M	M	M	M	M	M	M	M	M	36	1
4-18-88 *	3.3	-9.4	0.00	M	M	M	M	M	M	M	M	M	36	1
4-19-88 *	5.6	-5.0	0.00	M	M	M	M	M	M	M	M	M	36	1
4-20-88 *	11.7	-8.3	0.00	M	M	M	M	M	M	M	M	M	36	1
4-21-88 *	6.7	-8.9	0.00	M	M	M	M	M	M	M	M	M	36	1
4-22-88 *	7.2	-4.4	0.00	M	M	M	M	M	M	M	M	M	36	1
4-23-88 *	8.9	-3.3	0.00	M	M	M	M	M	M	M	M	M	36	1
4-24-88 *	12.8	-1.7	0.00	M	M	M	M	M	M	M	M	M	37	1
4-25-88 *	13.9	-0.6	0.00	M	M	M	M	M	M	M	M	M	39	1
4-26-88 *	7.8	-4.4	0.00	M	M	M	M	M	M	M	M	M	39	1
4-27-88 *	9.4	-3.9	0.00	M	M	M	M	M	M	M	M	M	39	1
4-28-88 *	15.6	-8.9	0.00	M	M	M	M	M	M	M	M	M	39	1
4-29-88 *	21.1	-3.3	0.00	M	M	M	M	M	M	M	M	M	43	1
4-30-88 *	23.3	1.1	0.00	M	M	M	M	M	M	M	M	M	51	3
	MEAN 12.1	MEAN -3.9	TOTL 0.00	TOTL M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	TOTL 51	TOTL 3
5-1-88 *	26.1	12.8	0.00	M	M	M	M	M	M	M	M	M	66	13
5-2-88 *	26.7	12.8	0.00	M	M	M	M	M	M	M	M	M	81	22
5-3-88 *	26.7	7.8	0.00	M	M	M	M	M	M	M	M	M	94	30
5-4-88 *	26.7	-0.6	0.00	M	M	M	M	M	M	M	M	M	103	33
5-5-88 *	17.8	-5.0	0.00	M	M	M	M	M	M	M	M	M	105	33
5-6-88 *	16.7	-1.1	0.00	M	M	M	M	M	M	M	M	M	108	33
5-7-88 *	26.1	10.0	0.00	M	M	M	M	M	M	M	M	M	122	41
5-8-88 *	25.0	3.3	4.57	M	M	M	M	M	M	M	M	M	132	45
5-9-88 *	21.7	4.4	3.81	M	M	M	M	M	M	M	M	M	140	48
5-10-88 *	20.6	1.1	0.00	M	M	M	M	M	M	M	M	M	147	49
5-11-88 *	18.9	0.0	1.27	M	M	M	M	M	M	M	M	M	152	49
5-12-88 *	18.3	1.1	1.78	M	M	M	M	M	M	M	M	M	157	49
5-13-88 *	15.6	-6.1	0.00	M	M	M	M	M	M	M	M	M	157	49
5-14-88 *	21.7	0.6	0.00	M	M	M	M	M	M	M	M	M	164	50
5-15-88 *	23.3	1.7	0.00	M	M	M	M	M	M	M	M	M	172	52
5-16-88 *	10.6	-0.6	0.00	M	M	M	M	M	M	M	M	M	172	52
5-17-88 *	20.0	3.3	0.00	M	M	M	M	M	M	M	M	M	180	54
5-18-88 *	22.2	7.2	0.00	M	M	M	M	M	M	M	M	M	190	59
5-19-88 *	30.6	11.7	9.65	M	M	M	M	M	M	M	M	M	207	70
5-20-88 *	14.4	7.8	0.51	M	M	M	M	M	M	M	M	M	213	71
5-21-88 *	16.7	7.8	0.00	M	M	M	M	M	M	M	M	M	221	73
5-22-88 *	15.0	2.2	0.00	M	M	M	M	M	M	M	M	M	225	73
5-23-88 *	26.1	8.9	0.00	M	M	M	M	M	M	M	M	M	238	81
5-24-88 *	23.3	7.8	0.00	M	M	M	M	M	M	M	M	M	249	86
5-25-88 *	22.8	8.9	0.00	M	M	M	M	M	M	M	M	M	261	92
5-26-88 *	28.9	5.6	0.00	M	M	M	M	M	M	M	M	M	274	99
5-27-88 *	23.9	9.4	0.00	M	M	M	M	M	M	M	M	M	286	106
5-28-88 *	31.7	11.7	32.00	M	M	M	M	M	M	M	M	M	303	118
5-29-88 *	29.4	13.9	2.03	M	M	M	M	M	M	M	M	M	320	129
5-30-88 *	30.0	14.4	0.00	M	M	M	M	M	M	M	M	M	338	142
5-31-88 *	30.0	17.2	0.00	M	M	M	M	M	M	M	M	M	357	155
	MEAN 22.8	MEAN 5.8	TOTL 55.62	TOTL M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	TOTL 306	TOTL 152

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DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE	ACCM D.D. BASE
													4.44	10
6-1-88	31.0	17.6	0.00	M	M	186	3.0	28.5	21.0	89	48	M	377	169
6-2-88	32.5	17.0	0.00	M	M	258	2.4	29.4	21.7	90	39	M	397	184
6-3-88	32.3	17.7	0.00	M	M	10	2.2	28.8	22.4	91	36	M	418	199
6-4-88	34.2	14.2	0.00	M	M	205	2.2	29.8	21.7	91	32	M	438	213
6-5-88	33.9	17.3	0.00	M	M	187	3.3	29.7	22.8	87	36	M	459	229
6-6-88	33.2	16.1	0.00	M	M	187	3.4	29.4	22.7	86	30	M	479	244
6-7-88	35.7	13.8	0.00	M	M	174	2.1	30.6	22.3	88	28	M	499	258
6-8-88	22.6	9.2	3.81	M	M	85	6.1	26.8	21.7	81	37	M	511	264
6-9-88	26.0	2.7	0.00	M	M	171	2.3	26.0	18.3	93	22	M	521	269
6-10-88	29.7	7.8	0.00	M	M	193	3.5	26.0	18.9	85	19	M	535	277
6-11-88	34.0	12.3	0.00	M	M	185	4.3	26.9	19.9	68	30	M	554	291
6-12-88	29.3	13.3	0.00	M	M	311	2.4	25.8	21.3	86	39	M	571	302
6-13-88	28.7	13.8	0.00	M	M	23	2.6	25.3	19.7	85	42	M	587	313
6-14-88	16.1	11.7	35.31	M	M	326	2.8	22.6	17.0	93	69	M	597	317
6-15-88	16.0	9.4	0.00	M	0.41	348	2.5	18.5	16.1	94	83	M	605	320
6-16-88	22.3	6.5	0.00	M	7.19	144	2.1	21.6	13.9	96	50	M	615	324
6-17-88	28.8	11.8	3.81	M	7.41	187	5.0	24.3	16.2	91	57	M	631	334
6-18-88	30.3	19.3	7.87	M	5.79	202	4.2	25.8	20.0	90	61	M	651	349
6-19-88	31.7	16.8	0.00	M	8.51	276	3.5	29.2	20.4	90	32	M	671	363
6-20-88	32.0	11.5	0.00	M	8.47	172	2.7	29.2	20.6	85	21	M	688	375
6-21-88	33.2	16.5	0.00	M	5.98	257	3.3	29.5	23.2	79	48	M	709	390
6-22-88	26.1	12.6	0.00	M	8.36	338	3.4	28.2	21.8	75	31	M	724	399
6-23-88	25.8	14.0	0.00	M	5.40	139	4.2	25.2	20.9	86	55	M	739	409
6-24-88	32.1	16.0	11.68	M	3.61	232	4.4	24.2	21.3	90	31	M	759	423
6-25-88	24.6	13.0	0.00	M	8.42	330	4.2	26.2	19.2	91	49	M	773	432
6-26-88	28.1	9.1	0.00	M	8.13	75	2.1	28.0	19.3	93	38	M	787	441
6-27-88	31.4	13.4	0.00	M	7.85	151	4.2	27.9	21.2	89	34	M	805	453
6-28-88	22.2	13.8	0.00	M	3.59	82	6.8	25.2	21.2	90	67	M	819	461
6-29-88	24.4	8.8	0.00	M	8.83	94	5.1	24.6	18.5	89	31	M	831	468
6-30-88	26.6	8.6	0.00	M	8.69	144	3.1	25.8	18.5	79	20	M	844	475
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	28.5	12.9	62.48	M	M	189	3.4	26.6	20.1	87	41	M	487	320
7-1-88	26.4	6.5	0.00	M	5.52	197	3.2	23.7	19.2	92	34	M	856	482
7-2-88	27.7	8.2	0.00	M	8.24	212	3.6	25.8	18.7	91	40	M	870	490
7-3-88	30.1	12.4	0.00	M	6.28	190	4.5	25.2	20.2	89	40	M	887	501
7-4-88	34.9	17.2	0.00	M	6.77	174	2.7	28.5	21.3	88	38	M	908	517
7-5-88	39.2	20.7	0.76	M	6.50	138	4.5	29.6	23.8	91	29	M	934	537
7-6-88	36.4	19.3	3.05	M	6.01	126	4.6	27.4	22.3	91	50	M	957	555
7-7-88	25.3	16.5	0.51	M	5.94	243	4.3	24.7	21.8	91	50	M	974	566
7-8-88	29.3	14.0	0.00	M	8.31	219	2.9	29.1	19.2	91	33	M	991	577
7-9-88	26.5	13.0	0.00	M	7.87	299	3.1	29.7	21.4	88	44	M	1006	587
7-10-88	17.6	10.8	0.00	M	4.11	318	2.8	24.1	20.4	93	70	M	1016	591
7-11-88	22.0	9.2	0.00	M	6.77	31	2.2	25.9	18.3	92	45	M	1027	597
7-12-88	26.9	8.6	0.25	M	6.42	133	3.1	26.4	18.6	94	39	M	1040	605
7-13-88	27.4	14.8	0.00	M	8.08	264	4.2	26.7	19.4	92	34	M	1057	616
7-14-88	23.1	11.5	0.00	M	4.36	88	2.5	23.3	19.2	93	66	M	1070	623
7-15-88	26.4	14.4	0.25	M	7.32	338	3.1	26.8	19.2	92	44	M	1086	633
7-16-88	26.3	11.6	0.00	M	6.32	234	2.1	27.0	18.7	92	46	M	1100	642
7-17-88	27.3	11.0	0.00	M	7.75	295	2.2	28.2	19.2	94	31	M	1115	652
7-18-88	26.3	10.6	0.00	M	6.38	277	2.3	27.0	19.9	92	42	M	1129	660
7-19-88	27.5	10.1	0.00	M	6.21	257	1.9	27.3	19.6	93	34	M	1143	669
7-20-88	26.2	12.5	0.00	M	6.08	346	2.0	26.8	20.0	93	45	M	1158	678
7-21-88	29.1	10.1	0.00	M	6.86	357	1.4	28.1	19.6	93	40	M	1173	688
7-22-88	32.7	11.8	0.00	M	7.58	181	3.1	28.8	20.9	92	20	M	1191	700
7-23-88	32.5	14.6	0.00	M	5.65	200	4.5	27.3	21.9	92	29	M	1210	714
7-24-88	24.8	11.5	0.00	M	7.28	324	2.1	27.2	19.3	93	42	M	1224	722
7-25-88	29.4	10.8	0.00	M	5.83	179	3.3	27.0	19.7	92	33	M	1240	732
7-26-88	32.6	16.0	0.00	M	7.52	231	2.8	29.9	21.1	86	33	M	1260	746
7-27-88	32.2	16.0	0.00	M	7.56	58	2.6	30.6	22.7	87	44	M	1279	760
7-28-88	35.1	18.4	0.00	M	5.28	198	2.9	29.4	23.7	88	35	M	1302	777
7-29-88	28.8	15.7	0.00	M	6.65	350	3.2	29.7	24.1	84	35	M	1319	789
7-30-88	29.6	10.6	0.00	M	7.42	84	2.0	29.9	22.2	91	30	M	1335	799
7-31-88	27.0	13.1	0.25	M	4.68	70	3.6	26.7	22.7	90	50	M	1351	809
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	28.6	13.00	5.07	M	6.56	213	3.0	27.3	20.6	91	40	M	507	334

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DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE	ACCM D.D. BASE
													4.44	10
8-1-88	25.8	12.6	3.05	M	4.29	89	2.9	26.0	20.3	91	49	M	1365	819
8-2-88	24.4	17.0	0.00	M	2.84	73	2.6	23.2	20.0	91	80	M	1382	829
8-3-88	30.2	16.4	0.00	M	5.14	258	2.5	26.8	19.9	92	30	M	1401	843
8-4-88	25.2	12.3	0.00	M	5.10	331	1.9	26.3	19.9	89	49	M	1415	851
8-5-88	31.9	15.5	0.00	M	6.45	195	2.1	28.5	20.6	90	25	M	1434	865
8-6-88	37.0	16.5	0.00	M	6.63	195	4.4	29.2	21.9	80	17	M	1456	882
8-7-88	28.0	11.9	0.00	M	4.32	260	4.6	26.9	23.2	81	37	M	1472	892
8-8-88	23.9	8.2	0.00	M	6.63	320	1.9	26.7	19.7	91	35	M	1484	898
8-9-88	29.3	13.3	0.00	M	7.18	201	4.3	27.8	21.0	68	26	M	1500	909
8-10-88	35.9	19.2	0.00	M	6.45	203	5.1	29.3	22.3	77	27	M	1523	927
8-11-88	30.3	16.3	0.00	M	5.02	23	2.1	28.4	23.0	85	28	M	1542	940
8-12-88 *	30.0	14.4	0.00	M	M	M	M	M	M	M	M	1560	952	
8-13-88	24.4	18.3	2.03	M	1.55	84	1.8	25.4	22.2	90	78	M	1577	963
8-14-88	29.4	17.4	1.02	M	6.27	272	2.0	28.6	20.8	90	41	M	1596	977
8-15-88	36.1	16.3	0.00	M	6.41	207	3.0	29.8	21.9	90	21	M	1618	993
8-16-88	25.3	17.4	9.91	M	1.78	59	3.9	26.3	21.3	90	61	M	1635	1004
8-17-88	20.5	16.7	0.00	M	2.18	46	4.2	21.3	19.8	91	83	M	1649	1013
8-18-88	23.7	12.5	0.00	M	6.21	57	2.6	26.6	18.3	91	44	M	1662	1021
8-19-88	25.6	9.7	0.00	M	6.07	145	2.6	26.4	18.5	91	38	M	1676	1029
8-20-88	27.1	17.1	2.03	M	4.91	97	4.4	25.8	20.4	90	60	M	1693	1041
8-21-88	26.1	17.2	11.94	M	3.18	140	6.7	23.9	20.2	89	66	M	1711	1053
8-22-88	26.8	14.5	0.00	M	5.01	231	3.9	24.0	18.3	91	33	M	1727	1063
8-23-88 *	26.1	14.4	0.51	M	M	M	M	M	M	M	M	1743	1073	
8-24-88	29.2	11.7	0.00	M	6.44	283	3.9	24.5	16.1	91	26	M	1759	1084
8-25-88	21.8	9.5	0.00	M	4.81	313	3.9	22.2	16.7	87	47	M	1770	1090
8-26-88	24.4	8.3	0.00	M	4.19	246	3.6	22.2	15.9	92	32	M	1782	1096
8-27-88	15.2	6.9	0.00	M	3.17	294	3.3	19.2	16.0	91	61	M	1788	1097
8-28-88	17.3	8.9	0.00	M	2.80	306	2.8	18.9	15.3	90	60	M	1797	1100
8-29-88	18.2	6.0	0.00	M	3.07	335	2.0	19.7	15.3	93	62	M	1805	1102
8-30-88	23.5	5.2	0.00	M	6.07	151	3.0	22.2	14.1	94	41	M	1815	1106
8-31-88	28.3	13.3	0.00	M	3.98	180	3.3	22.5	16.7	87	45	M	1831	1117
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	26.5	13.4	30.49	M	4.76	193	3.3	25.1	19.3	76	36	M	480	308
9-1-88	26.8	10.3	0.00	M	5.59	264	2.6	23.7	17.0	92	24	M	1845	1126
9-2-88	20.4	9.5	1.98	M	3.85	332	3.7	20.9	17.2	88	44	M	1856	1131
9-3-88	23.7	11.7	0.00	M	5.14	2	3.8	22.4	16.5	91	46	M	1869	1138
9-4-88	18.9	7.6	0.00	M	5.95	2	4.5	21.4	16.5	90	39	M	1878	1142
9-5-88	18.5	2.5	0.00	M	5.58	344	2.0	21.3	14.7	92	39	M	1884	1142
9-6-88	23.8	0.4	0.00	M	5.92	197	2.4	21.4	13.6	92	17	M	1891	1144
9-7-88	25.6	10.5	0.00	M	3.41	191	5.5	19.7	15.6	72	35	M	1905	1152
9-8-88	20.3	8.9	0.00	M	4.89	260	5.6	19.8	15.6	76	20	M	1915	1157
9-9-88	19.8	3.0	0.00	M	5.47	265	5.4	20.2	15.4	79	23	M	1922	1158
9-10-88	16.8	0.0	2.97	M	2.68	62	3.5	16.7	13.1	91	46	M	1926	1158
9-11-88	16.2	9.9	5.97	M	1.47	55	6.5	15.4	13.7	91	83	M	1935	1161
9-12-88	14.2	6.7	0.00	M	2.09	313	4.4	14.6	11.7	92	68	M	1941	1162
9-13-88	21.3	6.3	0.00	M	5.42	258	3.8	19.1	10.3	90	36	M	1950	1166
9-14-88	23.0	1.8	0.00	M	4.92	260	1.4	19.5	11.1	93	28	M	1958	1168
9-15-88	22.2	6.6	1.98	M	2.98	144	3.2	18.2	13.3	91	30	M	1968	1172
9-16-88	14.4	12.4	13.97	M	0.49	148	2.4	15.8	14.5	91	90	M	1977	1176
9-17-88	24.6	12.2	0.00	M	3.47	171	1.7	19.7	14.1	92	70	M	1991	1184
9-18-88	16.5	11.5	29.95	M	1.02	28	4.5	16.4	14.6	91	86	M	2000	1188
9-19-88	12.4	5.7	0.00	M	0.74	347	7.1	15.1	10.6	91	88	M	2005	1188
9-20-88	9.6	3.7	0.00	M	1.94	340	3.7	11.8	9.1	91	80	M	2007	1188
9-21-88	9.4	7.1	0.00	M	0.99	113	1.6	11.5	10.1	92	83	M	2011	1188
9-22-88	16.8	6.7	0.00	M	3.25	255	4.1	15.2	10.4	92	45	M	2018	1190
9-23-88	17.8	4.8	0.00	M	4.65	262	3.7	16.0	8.9	88	35	M	2025	1191
9-24-88	22.9	7.4	0.00	M	4.00	244	3.7	17.3	11.1	89	31	M	2036	1196
9-25-88	15.1	4.1	0.00	M	3.24	63	1.8	16.3	10.9	92	56	M	2041	1196
9-26-88	19.9	6.7	0.00	M	4.23	91	3.3	17.9	11.3	85	50	M	2050	1200
9-27-88	10.3	5.8	0.00	M	1.95	44	3.8	14.4	11.6	91	71	M	2054	1200
9-28-88	11.2	4.2	0.00	M	1.83	95	4.3	12.4	9.9	91	71	M	2057	1200
9-29-88	16.0	3.1	0.00	M	3.57	196	2.4	15.9	9.6	93	62	M	2062	1200
9-30-88	21.4	6.7	0.00	M	4.23	209	5.6	16.6	10.5	92	48	M	2072	1204
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	18.3	6.6	56.82	M	3.49	185	3.7	17.6	12.8	89	51	M	241	87

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DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 4.44	ACCM D.D. BASE 10
10-1-88	14.9	2.5	0.00	M	3.93	310	2.8	16.0	11.5	84	45	M	2076	1204
10-2-88	13.2	0.4	1.98	M	4.14	271	2.9	14.9	9.1	91	40	M	2078	1204
10-3-88	6.8	-2.8	0.00	M	2.91	339	5.4	11.5	6.7	91	49	M	2078	1204
10-4-88	8.9	-5.8	0.00	M	4.29	331	1.7	11.1	4.1	92	34	M	2078	1204
10-5-88	11.3	-6.3	0.00	M	3.24	196	1.6	10.3	4.3	91	36	M	2078	1204
10-6-88	15.9	-4.5	0.00	M	3.84	220	3.8	11.3	4.1	91	33	M	2079	1204
10-7-88	21.7	4.2	0.00	M	3.86	258	3.0	14.3	7.3	83	36	M	2088	1207
10-8-88	21.9	0.3	0.00	M	3.73	158	0.6	15.2	7.9	92	42	M	2095	1208
10-9-88	20.9	1.2	0.00	M	3.31	282	3.1	14.2	8.5	92	33	M	2101	1209
10-10-88	12.0	-0.6	0.00	M	3.74	336	5.4	13.0	9.1	86	37	M	2102	1209
10-11-88	9.3	-5.8	0.00	M	3.82	311	1.7	11.2	5.6	92	41	M	2102	1209
10-12-88	12.2	-7.0	0.00	M	3.65	152	2.5	10.5	4.5	85	37	M	2102	1209
10-13-88	18.8	2.4	0.00	M	3.50	188	4.2	12.1	6.0	86	39	M	2109	1210
10-14-88	27.7	2.9	0.00	M	3.43	205	2.1	14.6	7.2	92	19	M	2119	1215
10-15-88	19.6	8.7	0.00	M	1.69	239	2.2	13.8	10.7	91	42	M	2129	1219
10-16-88	11.1	1.4	0.00	M	1.51	294	2.5	11.7	8.8	91	63	M	2131	1219
10-17-88	8.8	0.1	0.00	M	2.05	324	2.0	9.9	7.0	92	49	M	2131	1219
10-18-88	8.5	-1.7	0.99	M	1.56	286	2.1	9.1	6.1	93	64	M	2131	1219
10-19-88	10.6	-5.1	0.00	M	3.26	244	1.9	9.4	3.9	93	36	M	2131	1219
10-20-88	6.4	5.2	0.00	M	M	M	M	6.6	6.3	91	85	M	2132	1219
10-21-88	6.5	-6.0	0.00	M	M	M	M	8.4	4.6	91	56	M	2132	1219
10-22-88	10.8	-5.6	0.00	M	M	M	M	6.7	3.0	92	42	M	2132	1219
10-23-88	4.6	-2.2	0.00	M	M	M	M	6.2	3.1	92	79	M	2132	1219
10-24-88	1.8	-3.7	0.00	M	M	M	M	3.6	2.0	84	68	M	2132	1219
10-25-88	-1.2	-3.4	0.00	M	M	M	M	2.4	1.6	82	77	M	2132	1219
10-26-88	3.3	-6.2	0.00	M	M	M	M	3.9	1.0	88	60	M	2132	1219
10-27-88	0.6	-5.6	0.00	M	M	M	M	2.8	1.4	93	74	M	2132	1219
10-28-88	-5.3	-11.5	0.00	M	M	M	M	1.4	-0.1	91	77	M	2132	1219
10-29-88	-2.8	-17.0	0.00	M	M	M	M	-0.1	-1.5	91	63	M	2132	1219
10-30-88	4.6	-13.7	0.00	M	M	M	M	-0.3	-2.2	91	62	M	2132	1219
10-31-88	4.0	-0.7	0.00	M	M	M	M	-0.1	-0.4	91	75	M	2132	1219
MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
9.9	-2.8	2.97	M	M	M	M	M	8.9	4.9	90	51	M	60	15

ROSEMOUNT

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE	ACCM D.D. BASE
													10	1030
4-1-88	13.8	-1.7	0.00	M	5.54	84	2.7	10.1	0.1	76	38	M	0	2
4-2-88	8.0	3.9	8.89	M	0.80	73	3.5	5.7	2.4	90	57	M	0	2
4-3-88	8.7	3.1	4.57	M	1.03	266	1.8	7.4	4.6	92	76	M	0	2
4-4-88	21.8	4.9	0.00	M	5.33	197	4.2	14.1	4.6	81	55	M	3	8
4-5-88	13.0	6.0	1.27	M	1.65	351	3.4	8.4	4.2	78	47	M	3	9
4-6-88	15.9	3.3	0.00	M	6.45	331	4.6	10.9	1.6	71	23	M	3	12
4-7-88	24.0	0.9	0.00	M	6.20	163	3.8	14.1	1.2	78	30	M	6	19
4-8-88	24.1	10.7	0.00	M	5.66	166	8.5	13.7	6.3	58	25	M	13	27
4-9-88	14.3	0.0	0.00	M	1.93	320	4.5	9.3	2.6	76	49	M	13	29
4-10-88	13.0	-3.4	0.00	M	6.06	325	2.7	11.9	0.7	80	20	M	13	30
4-11-88	15.9	-2.9	0.00	M	6.73	352	1.4	14.8	0.8	77	17	M	13	33
4-12-88	20.4	-0.7	0.00	M	6.58	228	2.0	17.4	1.7	75	15	M	13	38
4-13-88	16.0	2.3	0.00	M	5.59	329	5.1	15.6	5.9	64	17	M	13	41
4-14-88	7.3	-2.8	0.00	M	6.46	340	5.6	11.5	1.9	54	30	M	13	41
4-15-88	12.2	-2.4	0.00	M	6.85	336	3.5	13.8	1.3	57	23	M	13	43
4-16-88	20.0	-3.0	0.00	M	6.85	224	5.0	16.1	1.5	75	15	M	13	48
4-17-88	13.6	-0.5	0.00	M	3.66	321	6.9	10.9	3.8	51	21	M	13	49
4-18-88	8.5	-6.1	0.00	M	7.13	330	4.4	12.2	1.0	54	18	M	13	49
4-19-88	11.9	-6.1	0.00	M	7.12	282	3.3	13.4	0.6	63	17	M	13	50
4-20-88	9.2	-3.2	0.00	M	6.87	348	4.2	13.9	4.4	49	19	M	13	50
4-21-88	11.6	-4.8	0.00	M	5.25	322	1.7	14.8	1.7	66	18	M	13	51
4-22-88	7.5	0.3	0.00	M	1.66	82	4.3	8.6	3.2	82	44	M	13	51
4-23-88	9.8	0.0	15.24	M	4.30	17	4.4	9.9	1.9	81	53	M	13	51
4-24-88	15.8	-0.5	0.00	M	6.39	193	3.6	13.1	1.8	80	43	M	13	54
4-25-88	12.8	-0.5	0.00	M	4.87	298	3.9	11.7	3.9	80	22	M	13	55
4-26-88	5.9	-0.5	9.14	M	1.21	18	4.5	5.6	2.8	80	65	M	13	55
4-27-88	13.7	1.7	7.11	M	5.35	327	4.5	11.1	2.6	80	26	M	13	57
4-28-88	18.6	0.4	0.00	M	7.51	310	2.5	14.7	1.9	75	15	M	13	62
4-29-88	22.7	0.2	0.00	M	7.58	172	1.7	19.6	3.2	75	14	M	15	68
4-30-88	24.7	5.8	0.00	M	5.17	175	3.0	19.9	7.6	71	13	M	20	75
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	14.5	0.1	46.22	M	5.13	243	3.8	12.5	2.7	72	31	M	20	75
5-1-88	24.9	10.7	0.00	M	6.51	154	5.8	20.5	10.6	49	18	M	28	83
5-2-88	25.6	8.9	0.00	M	7.38	140	5.1	22.0	10.0	49	17	M	35	91
5-3-88	25.3	7.1	0.00	M	7.70	121	3.8	23.2	9.8	54	15	M	41	99
5-4-88	26.3	4.6	0.00	M	7.31	357	2.9	23.2	9.9	73	14	M	47	107
5-5-88	28.2	6.9	0.00	M	7.69	15	2.2	25.8	10.9	59	13	M	54	116
5-6-88	27.5	9.1	0.00	M	6.10	163	4.9	22.3	12.0	53	15	M	62	125
5-7-88	27.2	13.6	0.00	M	4.23	159	7.7	21.4	15.1	83	25	M	73	135
5-8-88	22.6	12.0	43.94	M	3.15	169	4.6	19.0	13.1	95	68	M	80	142
5-9-88	17.0	9.8	26.42	M	2.77	295	5.6	15.4	11.4	96	71	M	84	146
5-10-88	22.3	6.3	0.00	M	6.95	319	3.3	19.0	8.8	95	32	M	88	152
5-11-88	22.8	4.8	0.00	M	4.70	253	2.7	18.2	8.2	95	40	M	92	158
5-12-88	29.0	6.8	0.00	M	5.47	288	5.2	20.4	9.6	93	27	M	100	168
5-13-88	16.9	3.3	0.00	M	8.30	19	3.0	21.6	8.1	67	23	M	100	171
5-14-88	27.0	5.3	0.00	M	3.65	160	4.7	18.3	9.6	78	39	M	106	180
5-15-88	23.7	9.0	0.00	M	5.86	293	6.5	19.7	12.3	82	24	M	112	187
5-16-88	13.1	2.7	0.00	M	2.99	353	3.6	15.0	9.7	96	59	M	112	188
5-17-88	20.7	0.1	0.00	M	8.24	118	3.2	21.9	6.2	97	38	M	113	193
5-18-88	25.8	7.8	0.00	M	6.82	148	5.4	22.7	11.2	76	36	M	119	201
5-19-88	21.6	12.0	8.64	M	3.78	149	3.8	19.9	14.1	94	55	M	126	208
5-20-88	28.0	12.8	0.00	M	7.44	147	2.3	25.2	13.7	92	42	M	137	219
5-21-88	29.4	11.5	0.00	M	7.44	116	3.1	27.0	14.8	91	32	M	147	229
5-22-88	22.3	14.5	0.00	M	4.04	21	5.1	21.9	17.1	90	67	M	155	237
5-23-88	27.3	10.9	0.00	M	8.28	33	4.0	26.7	14.7	90	24	M	165	247
5-24-88	22.6	8.3	0.00	M	8.33	56	4.2	26.2	15.4	56	21	M	170	253
5-25-88	24.8	2.1	0.00	M	8.32	198	4.3	25.4	12.3	76	24	M	173	260
5-26-88	28.7	15.7	0.00	M	7.75	222	6.3	27.4	16.8	65	43	M	186	272
5-27-88	25.9	16.5	2.54	M	6.40	188	4.7	27.1	18.5	94	52	M	197	284
5-28-88	32.4	15.8	0.00	M	7.22	179	4.3	28.7	18.2	90	37	M	211	297
5-29-88	31.5	17.4	0.00	M	7.20	185	5.3	28.6	19.7	77	30	M	225	310
5-30-88	31.6	18.3	0.00	M	6.60	177	4.8	28.8	20.4	76	38	M	240	324
5-31-88	32.0	16.1	0.00	M	7.84	182	3.3	30.9	19.8	80	28	M	254	337
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	25.3	9.7	81.54	M	6.34	173	4.4	23.0	13.0	79	34	M	234	262

ROSEMOUNT

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030
6-1-88	33.0	17.5	0.00	M	6.95	200	2.3	32.1	21.4	88	34	M	270	351
6-2-88	27.3	15.5	0.00	M	4.39	87	3.4	26.8	21.0	92	59	M	281	363
6-3-88	25.9	12.4	1.27	M	7.08	99	2.5	29.3	18.5	92	43	M	290	372
6-4-88	30.2	11.1	0.00	M	7.76	92	1.6	31.2	18.6	88	36	M	301	382
6-5-88	31.6	13.7	0.00	M	8.27	228	2.7	32.3	19.6	87	34	M	313	394
6-6-88	32.0	13.6	0.00	M	8.52	219	2.6	32.0	19.7	76	17	M	326	406
6-7-88	34.4	13.5	0.00	M	8.46	191	2.3	33.2	19.5	72	21	M	340	418
6-8-88	25.2	10.1	0.00	M	6.64	52	5.4	27.1	19.8	87	55	M	348	425
6-9-88	23.3	5.7	0.00	M	8.85	61	2.6	29.8	16.1	75	19	M	352	432
6-10-88	28.0	6.3	0.00	M	8.74	193	2.3	30.6	16.2	84	13	M	359	441
6-11-88	31.5	9.6	0.00	M	8.48	204	4.0	30.3	17.3	65	14	M	370	451
6-12-88	34.4	13.9	0.00	M	7.57	189	4.8	30.7	19.2	63	20	M	384	463
6-13-88	32.4	17.8	0.00	M	6.08	201	3.5	31.2	21.2	75	43	M	399	477
6-14-88	34.3	18.0	0.00	M	7.32	230	5.9	32.0	22.9	79	26	M	415	491
6-15-88	26.0	14.9	0.00	M	7.26	308	3.2	30.5	20.6	90	36	M	426	501
6-16-88	26.4	13.1	0.00	M	8.31	24	2.7	32.1	19.4	90	35	M	436	511
6-17-88	26.4	14.1	0.00	M	6.52	174	4.4	29.9	20.6	89	56	M	446	521
6-18-88	34.6	13.4	0.00	M	7.48	193	5.3	31.9	19.9	93	43	M	460	533
6-19-88	35.9	21.2	1.52	M	7.53	202	4.7	34.1	23.3	90	46	M	478	549
6-20-88	35.8	17.5	0.00	M	8.58	63	2.1	36.2	22.1	93	16	M	495	562
6-21-88	34.2	17.4	0.00	M	5.36	130	3.6	33.7	23.1	85	30	M	511	576
6-22-88	31.6	17.3	0.00	M	7.73	358	3.7	33.7	24.8	87	14	M	525	590
6-23-88	26.3	14.3	0.00	M	3.62	136	2.7	27.5	21.4	89	41	M	536	600
6-24-88	36.9	19.6	0.00	M	7.78	201	5.8	34.3	21.9	90	38	M	554	615
6-25-88	30.8	16.8	0.00	M	8.53	346	4.8	34.8	25.4	75	31	M	568	628
6-26-88	27.2	12.5	0.00	M	7.54	35	2.1	33.6	21.3	89	39	M	578	638
6-27-88	30.2	10.7	0.00	M	8.27	199	2.0	35.2	20.2	92	34	M	588	648
6-28-88	33.1	15.0	0.00	M	6.81	106	4.6	34.6	22.0	86	34	M	602	661
6-29-88	25.3	13.1	0.00	M	6.06	90	4.5	31.8	21.7	87	28	M	611	670
6-30-88	26.2	10.9	0.00	M	8.39	86	3.2	33.6	19.1	70	22	M	620	679
MEAN MEAN TOTL TOTL MEAN MEAN MEAN MEAN MEAN MEAN MEAN MEAN TOTL TOTL														
30.3 14.0 2.79 M 7.36 163 3.5 31.9 20.6 84 33 M 366 342														
7-1-88	28.4	7.7	0.00	M	8.03	185	2.0	34.1	18.8	88	19	M	628	688
7-2-88	30.1	11.1	0.00	M	7.70	218	1.9	35.1	20.6	87	20	M	638	698
7-3-88	30.7	11.6	0.00	M	7.94	184	2.8	34.6	20.4	89	32	M	650	709
7-4-88	33.7	14.5	0.00	M	7.84	172	4.6	34.9	21.7	88	46	M	664	721
7-5-88	35.6	20.0	0.00	M	7.85	175	4.8	36.3	24.1	78	34	M	681	736
7-6-88	36.8	20.8	0.00	M	7.64	187	5.0	37.0	25.2	79	35	M	700	752
7-7-88	37.2	22.3	0.00	M	7.50	204	4.5	38.4	25.6	81	38	M	720	768
7-8-88	32.5	20.5	0.00	M	5.50	271	1.8	36.6	25.9	91	51	M	737	783
7-9-88	29.4	20.7	19.81	M	4.21	201	1.6	30.1	24.0	91	62	M	752	798
7-10-88	29.2	16.0	0.00	M	7.57	339	3.2	30.7	22.2	90	35	M	764	811
7-11-88	26.3	13.2	0.00	M	7.02	1	1.9	30.5	19.5	89	36	M	774	821
7-12-88	28.3	11.2	0.00	M	7.96	134	3.1	32.4	19.0	91	38	M	784	830
7-13-88	34.0	19.1	11.18	M	7.85	239	4.5	31.9	22.3	91	33	M	800	845
7-14-88 *	35.0	16.1	0.00	M	M	M	M	M	M	M	M	M	816	858
7-15-88 *	38.3	20.6	0.00	M	M	M	M	M	M	M	M	M	835	873
7-16-88 *	38.8	21.7	0.00	M	M	M	M	M	M	M	M	M	855	889
7-17-88	32.6	16.2	0.00	M	4.77	235	2.3	31.6	23.3	87	46	M	869	902
7-18-88	31.3	16.1	0.00	M	6.16	349	2.5	32.8	23.1	74	20	M	883	915
7-19-88	24.0	13.0	0.00	M	1.96	291	1.2	25.5	20.6	93	51	M	892	924
7-20-88	19.5	11.8	25.65	M	2.77	356	1.9	21.4	18.4	99	75	M	897	929
7-21-88	29.2	12.4	0.00	M	7.88	334	1.5	27.3	16.9	96	35	M	908	940
7-22-88	30.2	12.6	0.00	M	7.63	186	1.2	28.2	19.1	92	35	M	919	951
7-23-88	30.2	14.4	0.00	M	7.39	180	2.2	28.3	20.4	89	40	M	932	964
7-24-88	30.5	17.9	2.54	M	6.89	313	2.6	27.8	22.5	87	30	M	946	978
7-25-88	28.5	14.0	0.00	M	7.85	7	2.4	28.9	20.9	88	28	M	957	989
7-26-88	32.5	12.3	0.00	M	7.10	211	2.4	31.1	20.3	87	30	M	970	1000
7-27-88	35.3	18.5	0.00	M	7.63	224	3.5	33.2	22.8	86	30	M	986	1014
7-28-88	35.0	17.6	0.00	M	7.59	212	4.6	33.6	23.2	88	26	M	1003	1028
7-29-88	34.3	19.6	0.00	M	5.89	211	4.0	32.6	24.3	87	45	M	1020	1043
7-30-88	33.4	16.2	0.00	M	7.59	352	1.7	34.8	23.4	87	21	M	1035	1056
7-31-88	40.0	18.6	0.00	M	6.18	196	4.5	34.2	24.4	79	19	M	1054	1070
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32.0 16.1 59.18 M M M M M M M M M 434 391														

ROSEMOUNT

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE	ACCM D.D. BASE
													10	1030
8-1-88	38.9	20.3	0.00	M	7.45	196	3.5	36.7	25.4	82	26	M	1073	1085
8-2-88	37.3	20.2	0.00	M	5.02	224	4.7	35.6	25.0	88	28	M	1092	1101
8-3-88	32.7	20.1	15.24	M	5.34	186	2.5	30.1	23.6	87	59	M	1109	1116
8-4-88	26.3	19.4	25.91	M	2.66	285	2.3	26.3	23.8	94	72	M	1121	1128
8-5-88	27.4	17.0	2.29	M	7.42	273	3.5	24.7	22.0	89	42	M	1134	1141
8-6-88	31.1	15.6	0.00	M	7.40	209	3.1	26.4	20.5	85	45	M	1147	1153
8-7-88	33.7	20.5	0.00	M	6.15	185	4.6	26.6	21.8	88	51	M	1164	1169
8-8-88	27.5	17.2	22.86	M	5.20	6	2.4	25.5	22.9	91	57	M	1176	1181
8-9-88	28.7	15.0	0.00	M	7.82	306	1.8	25.2	20.9	88	38	M	1188	1193
8-10-88	29.6	14.9	0.00	M	7.65	181	3.0	24.9	20.1	86	43	M	1201	1205
8-11-88	34.0	18.6	1.52	M	5.75	174	3.0	26.3	21.2	87	56	M	1217	1219
8-12-88 *	35.6	17.8	41.91	M	M	M	M	M	M	M	M	M	1234	1233
8-13-88 *	33.3	21.7	0.00	M	M	M	M	M	M	M	M	M	1251	1249
8-14-88 *	30.6	17.2	0.00	M	M	M	M	M	M	M	M	M	1265	1263
8-15-88 *	37.2	17.2	0.00	M	M	M	M	M	M	M	M	M	1282	1276
8-16-88 *	37.8	18.3	0.00	M	M	M	M	M	M	M	M	M	1300	1291
8-17-88 *	36.7	25.0	0.00	M	M	M	M	M	M	M	M	M	1321	1308
8-18-88 *	35.6	18.9	0.00	M	M	M	M	M	M	M	M	M	1338	1322
8-19-88 *	25.0	15.6	0.00	M	M	M	M	M	M	M	M	M	1349	1333
8-20-88 *	29.4	19.4	0.00	M	M	M	M	M	M	M	M	M	1363	1347
8-21-88 *	28.9	17.8	0.00	M	M	M	M	M	M	M	M	M	1376	1361
8-22-88 *	23.9	17.2	7.87	M	4.26	M	M	M	M	M	M	M	1387	1371
8-23-88	27.2	11.7	0.00	M	6.00	292	3.1	M	M	M	M	M	1396	1381
8-24-88	27.8	12.8	0.00	M	5.43	296	3.9	21.6	17.7	M	M	M	1407	1391
8-25-88	27.2	15.6	0.00	M	5.17	319	4.3	21.3	18.4	M	M	M	1418	1402
8-26-88	26.2	16.8	0.00	M	4.43	231	2.9	21.9	17.4	80	28	M	1430	1414
8-27-88	21.6	8.7	10.16	M	5.34	304	3.5	21.0	17.3	89	40	M	1435	1420
8-28-88	20.8	6.4	0.00	M	3.98	300	2.6	18.3	14.5	87	49	M	1438	1425
8-29-88	24.4	7.6	0.00	M	5.52	286	1.5	19.8	14.1	87	28	M	1444	1432
8-30-88	26.2	8.0	0.00	M	5.53	95	2.0	20.6	14.3	87	43	M	1451	1440
8-31-88	30.5	11.3	0.00	M	4.57	179	4.0	20.9	15.7	86	41	M	1462	1451
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	30.1	16.3	127.76	M	M	M	M	M	M	M	M	M	408	381
9-1-88	24.8	15.1	14.73	M	2.65	197	4.1	20.1	18.0	86	51	M	1472	1461
9-2-88	28.8	11.9	0.00	M	3.70	263	2.8	19.7	16.1	92	32	M	1483	1471
9-3-88	19.6	11.7	0.25	M	1.77	348	3.7	17.9	16.1	87	72	M	1488	1477
9-4-88	23.0	11.9	0.51	M	4.50	356	4.5	19.1	16.3	84	52	M	1496	1484
9-5-88	20.4	5.2	0.00	M	4.21	339	2.0	18.0	13.1	87	44	M	1498	1489
9-6-88	24.0	3.4	0.00	M	5.35	211	1.7	18.7	11.1	92	30	M	1502	1496
9-7-88	26.2	8.3	0.00	M	4.88	174	5.4	18.3	13.0	85	28	M	1509	1505
9-8-88	23.6	10.9	0.00	M	2.97	249	3.5	18.5	15.3	83	26	M	1517	1512
9-9-88	28.3	4.2	0.00	M	4.85	255	3.4	19.4	12.4	83	15	M	1523	1521
9-10-88	27.8	7.0	0.00	M	3.93	117	2.9	20.3	13.5	87	29	M	1530	1530
9-11-88	31.5	16.3	0.00	M	4.45	169	4.6	22.6	16.2	77	36	M	1544	1543
9-12-88	22.3	12.6	0.00	M	1.06	308	3.7	20.5	16.8	85	72	M	1552	1550
9-13-88	24.0	5.3	0.00	M	4.98	281	2.9	19.7	13.8	90	22	M	1556	1557
9-14-88	24.1	7.4	0.00	M	4.71	26	2.1	20.5	13.6	85	18	M	1562	1565
9-15-88	18.8	12.5	0.00	M	1.01	112	3.9	17.4	16.1	85	47	M	1568	1570
9-16-88	26.9	13.2	6.35	M	3.22	188	4.6	19.6	15.4	86	42	M	1578	1580
9-17-88	32.9	11.3	0.00	M	4.57	160	2.2	22.7	14.8	91	31	M	1590	1591
9-18-88	29.7	18.8	9.65	M	2.57	147	4.5	22.3	18.8	86	60	M	1604	1605
9-19-88	21.6	10.5	24.13	M	0.58	227	5.2	20.7	14.4	87	80	M	1610	1611
9-20-88	12.7	7.1	25.65	M	1.74	307	5.2	14.4	12.7	85	76	M	1610	1613
9-21-88	18.8	9.2	0.00	M	2.57	129	3.8	16.0	12.6	92	69	M	1614	1617
9-22-88	20.1	9.6	0.00	M	1.47	334	2.9	17.1	14.6	95	65	M	1619	1622
9-23-88	20.9	5.5	0.00	M	4.50	287	2.8	16.1	12.4	91	33	M	1622	1627
9-24-88	23.3	4.1	0.00	M	3.72	199	3.6	15.4	11.0	91	34	M	1626	1634
9-25-88	22.0	7.5	0.00	M	4.23	68	2.8	16.8	11.7	87	41	M	1631	1640
9-26-88	26.2	13.6	5.08	M	3.45	219	4.5	18.8	14.6	94	35	M	1641	1650
9-27-88	19.0	9.8	0.00	M	3.95	15	3.0	17.2	13.9	86	54	M	1645	1655
9-28-88	10.9	8.0	9.65	M	0.44	97	5.3	13.9	12.3	97	77	M	1645	1655
9-29-88	18.2	10.9	2.54	M	1.16	75	2.8	15.2	12.4	96	88	M	1650	1660
9-30-88	22.4	12.7	0.00	M	1.69	230	3.1	18.2	15.6	92	71	M	1657	1667
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	23.1	9.9	98.54	M	3.16	203	3.6	18.5	14.3	88	48	M	195	216

ROSEMOUNT

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030
10-1-88	19.8	10.1	0.00	M	2.79	320	3.1	16.2	13.3	95	45	M	1662	1672
10-2-88	15.4	2.1	0.00	M	3.82	334	2.8	13.5	10.3	96	44	M	1662	1675
10-3-88	12.8	0.1	0.00	M	2.82	322	3.7	11.3	8.5	97	43	M	1662	1676
10-4-88	9.7	-1.2	0.00	M	3.90	348	3.6	9.8	6.6	81	46	M	1662	1676
10-5-88	11.6	-4.6	0.00	M	3.82	342	1.2	10.2	5.0	98	39	M	1662	1677
10-6-88	15.6	-1.2	0.00	M	3.76	230	1.3	11.3	6.1	93	31	M	1662	1680
10-7-88	16.5	-0.2	0.00	M	3.58	249	3.8	10.9	6.3	93	50	M	1662	1683
10-8-88	19.6	1.9	0.00	M	3.48	235	1.7	13.1	7.2	100	49	M	1663	1688
10-9-88	21.2	6.2	0.00	M	3.37	274	2.9	13.6	9.0	91	43	M	1666	1693
10-10-88	16.2	6.6	0.00	M	3.60	324	4.8	11.7	9.2	77	40	M	1668	1696
10-11-88	10.2	-1.8	0.00	M	3.61	335	3.1	9.5	6.3	89	43	M	1668	1697
10-12-88	12.3	-5.4	0.00	M	3.50	87	1.4	9.4	4.2	98	38	M	1668	1698
10-13-88	18.2	-2.2	0.00	M	3.32	165	4.9	9.7	4.6	76	35	M	1668	1702
10-14-88	24.6	5.3	0.00	M	3.26	190	3.2	13.4	7.4	90	41	M	1673	1709
10-15-88	23.8	5.8	0.00	M	2.62	183	3.1	14.0	8.8	97	58	M	1678	1716
10-16-88	17.1	4.2	1.78	M	3.13	285	4.3	12.8	10.0	96	44	M	1678	1720
10-17-88	7.7	2.4	6.86	M	0.33	4	3.0	9.9	8.3	99	79	M	1678	1720
10-18-88	12.4	-0.9	0.25	M	2.22	281	4.0	9.0	6.5	98	53	M	1678	1721
10-19-88	12.6	-1.5	0.00	M	2.71	255	2.0	9.1	5.1	100	44	M	1678	1722
10-20-88	6.6	-0.2	6.10	M	0.33	171	3.1	7.0	5.8	100	84	M	1678	1722
10-21-88	10.2	-0.8	3.30	M	2.40	322	3.4	8.1	5.6	100	60	M	1678	1722
10-22-88	11.7	-3.5	0.00	M	2.55	157	4.1	7.2	3.5	100	50	M	1678	1723
10-23-88	9.0	-0.1	2.29	M	1.02	305	6.8	6.8	3.6	97	66	M	1678	1723
10-24-88	6.7	-3.0	0.00	M	2.98	312	5.3	4.5	2.4	84	45	M	1678	1723
10-25-88	3.8	-4.6	0.00	M	2.00	307	4.4	3.3	1.9	85	57	M	1678	1723
10-26-88	8.4	-6.1	0.00	M	2.74	210	3.2	3.9	1.4	88	44	M	1678	1723
10-27-88	8.8	-2.2	2.29	M	0.50	270	7.7	5.1	2.5	95	57	M	1678	1723
10-28-88	1.2	-6.7	0.25	M	2.84	296	6.4	2.5	1.2	77	51	M	1678	1723
10-29-88	1.6	-8.7	0.00	M	2.31	305	2.0	1.3	0.9	83	38	M	1678	1723
10-30-88	6.7	-10.5	0.00	M	2.57	179	3.8	0.9	0.5	89	32	M	1678	1723
10-31-88	13.5	-0.1	0.00	M	2.51	267	6.1	4.1	0.6	90	44	M	1678	1725
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	12.4	-0.7	23.12	M	2.72	254	3.7	8.8	5.6	92	48	M	21	58

ST. PAUL

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030
4-1-88	14.4	-2.7	0.00	M	5.86	M	1.1	9.4	0.0	M	M	M	0	2
4-2-88	14.4	2.8	7.37	M	1.58	M	1.8	5.0	2.2	M	M	M	0	4
4-3-88	8.9	3.9	9.14	M	1.03	M	0.9	6.1	3.9	M	M	M	0	4
4-4-88	21.1	6.7	0.00	M	5.24	M	1.8	12.8	4.4	M	M	M	4	10
4-5-88	21.7	5.0	0.00	M	2.31	M	1.8	8.9	5.6	M	M	M	7	16
4-6-88	15.6	1.7	0.00	M	6.38	M	2.7	11.1	2.8	M	M	M	7	19
4-7-88	23.9	5.0	0.00	M	6.72	M	1.5	15.6	3.3	M	M	M	12	26
4-8-88	24.4	11.1	0.00	M	5.91	M	4.6	16.7	8.3	M	M	M	19	33
4-9-88	24.4	1.7	0.00	M	2.62	M	4.2	12.8	6.1	M	M	M	23	41
4-10-88	13.9	-1.1	0.00	M	6.03	M	2.1	13.9	2.8	M	M	M	23	42
4-11-88	16.1	-1.1	0.00	M	6.71	M	0.5	17.2	3.9	M	M	M	23	46
4-12-88	21.1	1.7	0.00	M	6.94	M	0.8	18.9	6.1	M	M	M	24	51
4-13-88	21.1	8.9	0.00	M	5.58	M	1.8	16.7	9.4	M	M	M	29	57
4-14-88	13.9	-3.3	0.00	M	7.01	M	3.8	13.3	5.0	M	M	M	29	59
4-15-88	12.2	-2.2	0.00	M	7.15	M	2.6	15.0	3.9	M	M	M	29	60
4-16-88	20.6	0.0	0.00	M	7.28	M	1.6	17.2	5.0	M	M	M	29	65
4-17-88	20.6	3.9	0.00	M	3.84	M	3.9	12.8	7.2	M	M	M	31	70
4-18-88	9.4	-5.0	0.00	M	7.71	M	3.0	13.3	3.3	M	M	M	31	70
4-19-88	12.2	-4.4	0.00	M	7.64	M	2.0	14.4	3.3	M	M	M	31	71
4-20-88	12.2	2.8	0.00	M	7.43	M	2.4	15.6	6.7	M	M	M	31	72
4-21-88	11.1	-1.7	0.00	M	5.56	M	0.8	15.6	5.0	M	M	M	31	73
4-22-88	10.6	2.2	0.00	M	2.70	M	1.5	10.6	5.6	M	M	M	31	73
4-23-88	10.0	-0.6	9.91	M	4.26	M	2.4	11.7	3.9	M	M	M	31	73
4-24-88	15.6	1.1	0.00	M	7.15	M	1.7	13.9	3.9	M	M	M	31	76
4-25-88	15.6	4.4	0.00	6.86	5.78	M	2.8	13.9	6.7	M	M	M	31	79
4-26-88	10.6	1.1	2.54	2.03	1.85	M	1.5	8.3	5.6	M	M	M	31	79
4-27-88	12.8	1.1	7.11	2.54	4.62	M	3.0	10.6	4.4	M	M	M	31	81
4-28-88	18.9	0.6	0.00	4.32	7.31	M	1.2	16.1	3.9	M	M	M	31	85
4-29-88	21.7	2.8	0.00	5.33	7.76	M	0.6	20.6	6.7	M	M	M	34	91
4-30-88	24.4	8.9	0.00	7.11	5.85	M	1.0	20.6	10.6	M	M	M	40	98
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	16.4	1.8	36.07	M	5.46	M	2.0	13.6	5.0	M	M	M	40	98
5-1-88	25.0	12.8	0.00	9.14	6.34	M	2.9	21.7	12.8	M	M	M	49	107
5-2-88	25.0	12.2	0.00	12.45	7.31	M	4.2	22.8	12.8	M	M	M	58	116
5-3-88	25.0	11.1	0.00	11.43	7.92	M	2.9	24.4	13.3	M	M	M	66	124
5-4-88	26.1	11.1	0.00	8.64	7.87	M	1.3	26.1	13.9	M	M	M	75	132
5-5-88	27.8	8.9	0.00	8.64	8.17	M	0.9	27.8	14.4	M	M	M	83	141
5-6-88	27.8	10.6	0.00	10.41	7.17	M	1.6	25.6	16.1	M	M	M	92	150
5-7-88	26.7	15.6	0.00	14.48	4.83	M	4.5	23.3	17.2	M	M	M	103	162
5-8-88	27.2	12.8	14.73	10.16	4.14	M	3.9	20.0	15.0	M	M	M	113	172
5-9-88	27.2	12.8	30.99	2.54	2.49	M	3.4	15.6	12.8	M	M	M	123	182
5-10-88	16.1	10.0	0.00	4.57	6.84	M	2.1	18.3	10.6	M	M	M	126	185
5-11-88	22.2	6.7	0.00	5.33	5.86	M	1.3	20.6	10.6	M	M	M	131	191
5-12-88	23.3	6.7	0.00	6.35	6.13	M	1.5	22.8	12.8	M	M	M	136	197
5-13-88	29.4	8.9	0.00	8.64	8.15	M	2.5	23.3	11.1	M	M	M	145	207
5-14-88	29.4	2.2	0.00	6.60	5.23	M	2.3	20.0	12.8	M	M	M	151	217
5-15-88	26.1	6.1	1.78	9.40	5.12	M	3.1	19.4	12.8	M	M	M	157	225
5-16-88	14.4	6.1	0.00	2.79	3.24	M	2.8	16.7	11.7	M	M	M	157	227
5-17-88	19.4	0.6	0.00	4.32	8.71	M	1.1	19.4	8.9	M	M	M	157	232
5-18-88	25.6	10.6	0.00	9.91	7.64	M	3.3	22.8	11.1	M	M	M	165	240
5-19-88	26.1	14.4	3.81	7.87	5.64	M	3.0	20.6	15.0	M	M	M	175	250
5-20-88	29.4	14.4	0.00	8.64	7.59	M	1.4	27.8	15.0	M	M	M	187	262
5-21-88	29.4	13.9	0.00	9.14	7.87	M	1.1	29.4	17.8	M	M	M	199	274
5-22-88	29.4	10.6	0.00	7.37	4.38	M	2.0	23.3	19.4	M	M	M	209	284
5-23-88	26.7	10.6	0.00	6.86	8.38	M	1.7	28.3	16.1	M	M	M	218	292
5-24-88	26.7	10.0	0.00	9.91	8.80	M	1.6	27.8	17.2	M	M	M	226	301
5-25-88	25.0	5.0	0.00	9.91	8.78	M	1.8	27.8	15.0	M	M	M	231	308
5-26-88	30.0	16.7	0.00	11.68	8.14	M	2.8	30.6	18.9	M	M	M	244	321
5-27-88	30.0	16.1	4.32	8.38	7.62	M	2.4	28.9	20.0	M	M	M	257	334
5-28-88	32.2	16.7	0.00	8.38	7.49	M	2.1	31.1	20.0	M	M	M	272	348
5-29-88	32.8	20.6	0.00	11.43	7.26	M	2.3	M	M	M	M	M	288	363
5-30-88	31.7	20.6	0.00	11.43	7.31	M	2.5	M	M	M	M	M	305	378
5-31-88	32.8	18.9	0.00	12.19	8.01	M	1.7	M	M	M	M	M	320	393
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	26.6	11.4	55.63	268.99	6.79	M	2.3	M	M	M	M	M	280	295

ST. PAUL

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030
6-1-88	32.8	20.6	0.00	9.14	6.59	M	1.0	M	M	M	M	M	337	408
6-2-88	32.8	18.3	0.51	5.84	4.43	M	1.1	28.3	24.4	M	M	M	353	422
6-3-88	25.6	13.9	0.00	6.86	6.83	M	1.4	31.7	21.7	M	M	M	362	432
6-4-88	28.9	15.6	0.00	7.11	8.03	M	0.7	34.4	22.2	M	M	M	375	444
6-5-88	32.2	18.3	0.00	9.14	8.37	M	0.8	35.6	23.9	M	M	M	390	458
6-6-88	32.8	18.3	0.00	11.43	8.57	M	1.2	35.6	24.4	M	M	M	406	473
6-7-88	33.3	16.7	0.00	8.38	8.74	M	0.9	36.1	23.9	M	M	M	421	486
6-8-88	33.9	13.3	0.25	9.40	6.21	M	1.9	30.0	22.8	M	M	M	434	498
6-9-88	22.8	5.6	0.00	6.86	9.13	M	1.7	31.1	18.3	M	M	M	438	504
6-10-88	27.8	9.4	0.00	9.14	9.16	M	0.9	32.8	19.4	M	M	M	447	513
6-11-88	30.6	12.2	0.00	11.68	8.93	M	1.6	33.3	21.1	M	M	M	458	524
6-12-88	34.4	17.8	0.00	13.21	8.10	M	2.3	34.4	22.8	M	M	M	474	538
6-13-88	34.4	20.6	0.00	12.19	6.93	M	2.3	34.4	25.0	M	M	M	492	553
6-14-88	32.8	24.4	0.00	13.46	7.29	M	2.8	33.9	26.7	M	M	M	511	570
6-15-88	28.9	14.4	0.00	8.13	7.14	M	2.0	32.2	23.3	M	M	M	522	582
6-16-88	25.6	12.8	0.00	7.37	8.45	M	1.0	33.9	22.2	M	M	M	531	591
6-17-88	26.7	14.4	0.00	9.91	7.94	M	2.2	33.3	23.3	M	M	M	542	602
6-18-88	34.4	15.6	0.00	8.89	7.45	M	2.5	33.9	23.3	M	M	M	557	615
6-19-88	35.6	23.3	3.56	11.94	7.76	M	2.8	36.1	25.6	M	M	M	576	631
6-20-88	36.7	20.6	0.00	10.92	8.63	M	1.1	38.3	26.1	M	M	M	595	647
6-21-88	33.9	21.1	0.00	9.91	5.48	M	1.4	33.9	27.2	M	M	M	613	662
6-22-88	31.1	21.1	0.00	10.41	7.48	M	1.7	35.6	26.1	M	M	M	629	678
6-23-88	28.9	15.6	0.00	8.13	3.92	M	1.2	28.9	25.0	M	M	M	641	690
6-24-88	36.7	19.4	0.00	13.21	8.31	M	3.0	36.1	24.4	M	M	M	659	705
6-25-88	37.2	22.8	0.00	14.99	8.77	M	2.8	36.7	28.3	M	M	M	679	721
6-26-88	28.9	14.4	0.00	8.38	8.56	M	1.3	35.6	25.0	M	M	M	691	733
6-27-88	30.0	13.3	0.00	9.14	8.44	M	0.6	36.7	24.4	M	M	M	702	744
6-28-88	27.8	18.3	0.00	10.67	7.76	M	2.0	35.0	25.6	M	M	M	715	757
6-29-88	25.6	12.8	0.00	11.68	6.33	M	4.3	31.7	23.3	M	M	M	724	767
6-30-88	26.1	9.4	0.00	11.94	9.13	M	2.6	32.8	21.1	M	M	M	732	775
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	31.0	16.5	4.32	299.46	7.63	M	1.8	33.8	23.8	M	M	M	412	382
7-1-88	27.8	9.4	0.00	7.62	7.86	M	0.9	33.9	21.7	M	M	M	741	783
7-2-88	29.4	17.8	0.00	8.38	6.70	M	0.7	33.9	23.9	M	M	M	754	797
7-3-88	31.1	17.2	0.00	9.91	8.27	M	0.9	35.6	24.4	M	M	M	769	811
7-4-88	33.9	18.9	0.00	12.70	8.40	M	2.4	35.6	24.4	M	M	M	785	825
7-5-88	35.6	17.2	0.00	13.97	8.27	M	2.6	37.8	27.2	M	M	M	801	839
7-6-88	36.1	24.4	0.00	15.75	8.03	M	2.6	37.8	28.3	M	M	M	822	856
7-7-88	36.7	22.2	0.00	12.95	7.12	M	2.3	38.3	28.9	M	M	M	841	872
7-8-88	33.3	20.6	0.00	8.64	5.67	M	1.2	36.7	28.9	M	M	M	858	887
7-9-88	30.6	20.0	8.38	5.33	4.78	M	0.6	31.1	26.7	M	M	M	873	902
7-10-88	29.4	20.0	0.00	9.14	7.52	M	1.6	33.9	23.9	M	M	M	888	917
7-11-88	28.3	12.8	0.00	9.65	7.78	M	1.4	33.9	22.8	M	M	M	899	928
7-12-88	28.3	13.3	0.00	9.14	8.27	M	1.3	35.0	22.8	M	M	M	909	938
7-13-88	34.4	18.3	19.56	7.62	7.72	M	2.9	31.7	24.4	M	M	M	926	953
7-14-88	34.4	16.7	0.00	10.92	8.22	M	1.1	36.1	23.3	M	M	M	941	966
7-15-88	38.3	26.1	0.00	13.46	7.71	M	2.8	38.9	28.3	M	M	M	963	984
7-16-88	38.9	20.6	9.40	8.89	8.10	M	2.1	35.0	25.6	M	M	M	983	999
7-17-88	32.8	18.9	0.00	7.62	6.47	M	0.7	35.6	25.0	M	M	M	999	1014
7-18-88	32.8	18.9	0.00	8.89	7.16	M	1.3	35.6	26.1	M	M	M	1015	1028
7-19-88	31.7	18.9	0.00	5.59	2.58	M	0.7	29.4	23.3	M	M	M	1030	1043
7-20-88	21.7	13.9	17.53	2.54	4.07	M	0.8	25.0	20.6	M	M	M	1038	1050
7-21-88	28.3	13.9	0.00	4.57	7.84	M	0.6	30.0	18.3	M	M	M	1049	1061
7-22-88	30.6	15.0	0.00	7.37	6.93	M	0.4	32.8	20.6	M	M	M	1062	1074
7-23-88	30.6	17.2	0.00	7.37	6.66	M	0.8	33.9	22.8	M	M	M	1076	1088
7-24-88	30.6	20.0	0.00	9.14	7.50	M	1.5	34.4	25.6	M	M	M	1091	1103
7-25-88	29.4	15.0	0.00	12.70	8.35	M	1.5	35.0	23.9	M	M	M	1103	1115
7-26-88	33.3	17.2	0.00	9.91	7.34	M	1.1	35.0	24.4	M	M	M	1119	1128
7-27-88	36.1	21.1	0.00	11.18	7.88	M	1.9	36.7	26.7	M	M	M	1137	1144
7-28-88	36.1	22.2	0.00	17.02	7.99	M	2.5	36.7	27.2	M	M	M	1156	1160
7-29-88	35.0	22.8	0.00	9.14	4.63	M	2.2	33.9	27.8	M	M	M	1175	1176
7-30-88	33.9	17.8	0.00	9.14	7.72	M	1.4	37.2	26.1	M	M	M	1191	1190
7-31-88	40.6	22.2	0.00	12.70	6.28	M	2.1	36.1	27.8	M	M	M	1212	1206
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	32.6	18.4	54.87	298.95	7.09	M	1.5	34.6	24.9	M	M	M	480	431

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DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030
8-1-88	40.6	21.7	0.00	13.97	7.08	M	1.9	37.8	28.3	M	M	M	1234	1222
8-2-88	37.2	21.7	10.16	11.43	4.80	M	3.0	35.6	26.7	M	M	M	1253	1238
8-3-88	32.8	20.0	3.81	3.81	5.45	M	1.2	31.1	24.4	M	M	M	1269	1253
8-4-88	32.8	20.0	74.42	2.54	4.56	M	1.6	28.3	24.4	M	M	M	1286	1268
8-5-88	27.8	16.7	0.51	7.87	6.60	M	2.2	29.4	21.7	M	M	M	1298	1280
8-6-88	32.2	18.3	0.00	8.38	7.74	M	2.1	34.4	21.7	M	M	M	1313	1295
8-7-88	33.9	22.8	0.00	12.19	7.02	M	2.4	35.0	25.6	M	M	M	1332	1311
8-8-88	33.3	18.3	30.99	2.54	5.71	M	1.5	29.4	24.4	M	M	M	1348	1325
8-9-88	28.3	16.1	0.00	7.62	7.38	M	1.0	32.2	21.7	M	M	M	1360	1337
8-10-88	30.6	18.3	0.00	8.38	7.35	M	1.3	33.3	23.3	M	M	M	1374	1351
8-11-88	33.3	18.9	9.14	4.57	6.02	M	1.6	30.6	25.0	M	M	M	1390	1366
8-12-88	32.8	18.9	1.27	8.13	6.50	M	2.1	32.2	22.8	M	M	M	1406	1380
8-13-88	32.8	23.3	0.00	6.60	3.44	M	1.9	30.0	25.6	M	M	M	1424	1397
8-14-88	30.0	18.3	0.00	6.60	7.16	M	2.3	33.9	23.3	M	M	M	1438	1411
8-15-88	36.1	18.3	0.00	7.11	7.16	M	1.1	35.6	24.4	M	M	M	1456	1425
8-16-88	37.2	26.7	0.00	11.43	7.03	M	2.0	37.2	27.8	M	M	M	1477	1444
8-17-88	37.2	27.2	0.00	11.68	6.70	M	2.2	38.3	29.4	M	M	M	1500	1462
8-18-88	33.3	17.8	0.25	5.33	1.79	M	2.2	31.7	25.0	M	M	M	1515	1476
8-19-88	24.4	16.7	0.00	3.30	4.43	M	1.6	30.6	23.3	M	M	M	1526	1487
8-20-88	28.3	14.4	0.00	4.06	5.38	M	0.6	31.7	22.8	M	M	M	1537	1498
8-21-88	28.3	17.2	0.00	5.84	3.31	M	1.8	28.3	24.4	M	M	M	1550	1511
8-22-88	27.2	17.2	7.62	4.32	1.19	M	2.3	25.6	20.6	M	M	M	1562	1523
8-23-88	25.0	13.9	0.00	7.87	6.56	M	2.3	25.6	18.3	M	M	M	1572	1532
8-24-88	26.1	15.6	0.00	7.87	6.83	M	2.6	28.3	18.3	M	M	M	1582	1543
8-25-88	25.6	16.1	0.00	11.43	6.71	M	3.0	27.8	20.6	M	M	M	1593	1554
8-26-88	26.1	11.7	0.00	6.60	6.43	M	1.6	28.9	18.9	M	M	M	1602	1563
8-27-88	25.0	13.3	3.05	7.87	6.13	M	2.4	26.7	20.0	M	M	M	1611	1572
8-28-88	20.0	8.3	0.00	5.33	4.52	M	1.9	22.8	16.1	M	M	M	1615	1577
8-29-88	23.3	8.3	0.00	4.32	6.27	M	0.6	27.8	15.6	M	M	M	1621	1584
8-30-88	25.6	8.9	0.00	5.84	6.84	M	0.7	28.9	17.2	M	M	M	1628	1592
8-31-88	30.0	13.3	0.00	6.60	5.23	M	1.3	27.2	19.4	M	M	M	1640	1603
MEAN MEAN TOTL TOTL MEAN MEAN MEAN MEAN MEAN MEAN MEAN MEAN TOTL TOTL														
30.2 17.4 141.22 221.43 5.78 M 1.8 30.8 22.6 M M M 428 397														
9-1-88	28.9	15.6	23.88	5.08	3.44	M	2.9	24.4	20.0	M	M	M	1652	1616
9-2-88	27.2	15.6	0.00	4.57	4.80	M	1.0	23.9	17.8	M	M	M	1664	1627
9-3-88	27.2	11.7	0.00	4.32	2.28	M	2.3	20.0	16.1	M	M	M	1673	1636
9-4-88	21.7	13.9	2.79	4.32	5.48	M	2.5	22.8	16.1	M	M	M	1681	1644
9-5-88	21.1	6.7	0.00	4.83	4.85	M	1.3	22.8	13.3	M	M	M	1685	1650
9-6-88	23.3	5.6	0.00	4.06	6.40	M	0.5	25.6	13.3	M	M	M	1689	1656
9-7-88	25.6	13.3	0.00	8.64	6.01	M	2.1	25.0	16.1	M	M	M	1699	1666
9-8-88	26.1	13.3	0.00	7.37	3.51	M	2.5	23.3	18.3	M	M	M	1709	1676
9-9-88	27.2	9.4	0.00	8.13	5.95	M	2.2	25.0	15.0	M	M	M	1717	1684
9-10-88	26.7	9.4	0.00	5.33	4.52	M	1.0	23.9	16.1	M	M	M	1725	1693
9-11-88	30.6	17.2	0.00	8.38	5.30	M	2.8	27.2	18.3	M	M	M	1739	1706
9-12-88	30.6	12.8	0.00	6.35	1.70	M	2.6	23.9	17.8	M	M	M	1750	1718
9-13-88	23.3	5.6	0.00	4.57	5.84	M	1.7	24.4	14.4	M	M	M	1755	1724
9-14-88	23.9	10.0	0.00	5.33	5.99	M	0.9	25.6	15.6	M	M	M	1762	1731
9-15-88	22.2	13.3	0.00	5.08	1.27	M	1.8	20.6	16.7	M	M	M	1770	1739
9-16-88	26.1	12.8	5.33	1.78	2.92	M	2.8	21.1	15.6	M	M	M	1779	1748
9-17-88	30.6	13.9	0.00	4.32	5.48	M	0.9	26.1	15.6	M	M	M	1791	1760
9-18-88	30.6	17.8	5.08	5.33	2.79	M	M	23.3	20.0	M	M	M	1806	1774
9-19-88	28.9	11.1	16.51	1.27	0.98	M	M	21.1	14.4	M	M	M	1816	1784
9-20-88	12.2	7.8	21.84	0.76	1.80	M	4.1	15.0	12.8	M	M	M	1816	1785
9-21-88	17.2	7.8	0.00	1.78	3.31	M	1.2	17.2	11.7	M	M	M	1818	1789
9-22-88	20.6	13.9	0.00	2.29	2.06	M	1.6	18.3	13.3	M	M	M	1825	1796
9-23-88	20.0	5.0	0.00	5.33	5.29	M	1.9	20.0	10.6	M	M	M	1828	1801
9-24-88	22.8	7.8	0.00	5.33	4.36	M	1.2	20.0	11.1	M	M	M	1833	1808
9-25-88	21.7	7.8	0.00	5.59	4.56	M	1.0	21.1	12.2	M	M	M	1838	1813
9-26-88	25.6	14.4	1.78	4.32	4.49	M	2.6	22.8	15.6	M	M	M	1848	1823
9-27-88	25.6	9.4	0.00	4.83	4.76	M	1.1	22.2	13.9	M	M	M	1855	1831
9-28-88	16.7	6.1	8.64	1.27	0.80	M	3.3	16.1	12.2	M	M	M	1857	1835
9-29-88	16.1	8.9	1.02	0.25	1.10	M	2.3	15.6	12.2	M	M	M	1859	1838
9-30-88	22.2	13.9	0.00	1.27	3.00	M	0.8	20.0	14.4	M	M	M	1867	1846
MEAN MEAN TOTL TOTL MEAN MEAN MEAN MEAN MEAN MEAN MEAN MEAN TOTL TOTL														
24.1 11.1 86.87 132.08 3.83 M 1.9 21.9 15.0 M M M 227 243														

ST. PAUL

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030
10-1-88	21.7	11.1	0.00	3.30	2.92	M	1.0	17.8	12.8	M	M	M	1874	1852
10-2-88	18.9	3.9	0.00	5.59	4.23	M	1.6	16.7	9.4	M	M	M	1875	1856
10-3-88	13.3	2.2	0.00	2.79	3.63	M	1.4	15.0	8.9	M	M	M	1875	1858
10-4-88	11.1	0.0	0.00	4.32	4.76	M	2.3	14.4	6.7	M	M	M	1875	1859
10-5-88	11.1	-2.2	0.00	2.29	0.48	M	0.4	15.0	5.6	M	M	M	1875	1859
10-6-88	15.6	0.0	0.00	2.79	4.53	M	0.4	16.1	7.2	M	M	M	1875	1862
10-7-88	17.2	3.9	0.00	3.81	4.40	M	1.7	16.1	7.8	M	M	M	1876	1866
10-8-88	20.0	5.0	0.00	3.30	4.28	M	1.2	18.3	8.9	M	M	M	1878	1871
10-9-88	21.7	4.4	0.00	3.56	4.14	M	0.8	18.3	10.0	M	M	M	1881	1876
10-10-88	21.7	9.4	0.00	7.37	4.50	M	3.1	17.2	11.7	M	M	M	1887	1882
10-11-88	15.0	0.6	0.00	4.83	4.53	M	2.1	14.4	7.8	M	M	M	1887	1885
10-12-88	11.7	-2.8	0.00	1.27	4.44	M	0.4	14.4	5.6	M	M	M	1887	1886
10-13-88	18.3	1.1	0.00	3.81	4.14	M	1.6	14.4	6.1	M	M	M	1887	1890
10-14-88	24.4	5.6	0.00	4.32	3.99	M	1.6	17.8	8.9	M	M	M	1892	1897
10-15-88	24.4	5.0	0.00	3.05	3.43	M	0.8	17.8	10.6	M	M	M	1896	1904
10-16-88	22.8	10.6	0.76	5.33	3.65	M	2.9	17.2	12.2	M	M	M	1903	1911
10-17-88	16.7	5.6	2.54	1.78	0.65	M	1.4	12.8	8.3	M	M	M	1904	1914
10-18-88	11.7	0.0	0.00	2.29	2.38	M	2.0	10.0	5.6	M	M	M	1904	1915
10-19-88	12.2	0.0	0.00	1.78	3.27	M	1.5	11.1	3.9	M	M	M	1904	1916
10-20-88	11.7	1.1	7.11	0.76	0.55	M	1.2	7.2	5.6	M	M	M	1904	1917
10-21-88	8.9	3.9	3.05	3.05	3.12	M	1.9	10.0	5.0	M	M	M	1904	1917
10-22-88	11.7	-2.8	0.00	1.78	3.40	M	1.7	8.9	3.3	M	M	M	1904	1918
10-23-88	10.6	0.0	1.02	2.54	0.74	M	4.0	7.2	3.3	M	M	M	1904	1918
10-24-88	5.6	-3.9	0.00	M	3.53	M	5.1	6.1	2.2	M	M	M	1904	1918
10-25-88	5.6	-3.9	0.00	M	2.20	M	4.7	3.9	1.7	M	M	M	1904	1918
10-26-88	7.2	-5.6	0.00	M	3.52	M	2.3	5.0	0.6	M	M	M	1904	1918
10-27-88	8.9	2.2	5.33	M	0.55	M	4.7	5.6	2.8	M	M	M	1904	1918
10-28-88	2.8	-3.9	0.00	M	3.53	M	8.1	3.3	1.1	M	M	M	1904	1918
10-29-88	1.1	-7.8	0.00	M	2.95	M	2.4	1.7	0.0	M	M	M	1904	1918
10-30-88	6.7	-8.3	0.00	M	2.97	M	1.5	0.6	0.0	M	M	M	1904	1918
10-31-88	13.3	0.6	0.00	M	2.95	M	4.7	5.0	0.0	M	M	M	1904	1920
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	13.7	1.1	19.81	M	3.17	M	2.3	11.6	5.9	M	M	M	37	74

STAPLES

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030
4-1-88	11.7	-7.8	0.00	M	5.85	188	1.7	6.6	-0.1	94	20	-6.0	0	1
4-2-88	9.0	-1.8	0.00	M	2.26	100	2.8	3.6	-0.1	95	51	0.7	0	1
4-3-88	9.4	2.4	7.87	M	1.67	3	1.1	6.1	0.6	98	86	4.2	0	1
4-4-88	14.3	3.7	0.00	M	2.05	157	3.1	8.1	2.1	95	80	6.4	0	3
4-5-88	14.1	2.1	0.25	M	2.65	323	2.8	7.1	1.3	98	26	1.3	0	5
4-6-88	17.2	-1.4	0.25	M	6.26	294	3.5	12.1	0.1	93	19	-2.1	0	9
4-7-88	24.3	-0.4	0.00	M	5.98	134	3.2	15.6	0.6	91	19	1.1	2	16
4-8-88	25.5	5.5	0.00	M	5.31	169	8.1	15.4	4.7	88	27	4.5	7	24
4-9-88	7.4	-2.7	1.02	M	3.68	319	5.6	7.6	1.3	95	51	-1.2	7	24
4-10-88	12.2	-3.5	0.00	M	6.44	271	3.1	12.0	0.4	88	23	-4.4	7	25
4-11-88	16.2	-5.4	0.25	M	6.46	6	2.0	14.6	0.6	95	19	-4.8	7	28
4-12-88	22.7	1.1	0.25	M	6.37	359	2.7	17.0	1.3	72	15	-3.4	9	34
4-13-88 *	10.0	-7.2	0.00	M	M	M	M	M	M	M	M	M	9	34
4-14-88 *	7.2	-5.6	0.00	M	M	M	M	M	M	M	M	M	9	34
4-15-88 *	12.2	-3.9	0.00	3.23	M	M	M	M	M	M	M	M	9	35
4-16-88 *	22.8	1.7	0.00	10.80	M	M	M	M	M	M	M	M	12	42
4-17-88 *	6.7	-10.6	0.00	5.56	M	M	M	M	M	M	M	M	12	42
4-18-88	7.1	-9.6	0.00	5.56	7.07	261	3.9	13.5	0.4	67	20	-14.3	12	42
4-19-88	12.4	-8.8	0.00	5.56	6.99	251	3.7	14.2	0.3	73	17	-11.9	12	43
4-20-88	8.3	-4.8	0.00	5.56	6.99	204	3.8	16.7	2.1	60	20	-11.6	12	43
4-21-88	10.9	-7.0	0.00	5.56	6.41	352	2.7	17.1	0.8	73	31	-7.3	12	43
4-22-88	12.9	-4.1	0.00	7.57	6.05	100	3.2	17.2	1.4	84	25	-5.6	12	45
4-23-88	14.3	-2.0	0.00	5.64	6.97	1	2.5	19.4	2.5	75	21	-6.5	12	47
4-24-88	17.8	-3.9	0.00	5.64	6.37	229	3.3	19.7	2.2	93	22	-3.1	12	51
4-25-88	10.6	-1.9	0.25	5.44	6.57	327	4.7	15.8	3.4	84	39	-3.2	12	51
4-26-88	7.9	-0.7	0.00	2.57	2.52	11	3.3	10.0	3.4	93	45	-2.1	12	51
4-27-88	16.0	0.1	0.00	5.97	7.18	335	3.2	20.7	3.1	63	18	-6.3	12	54
4-28-88	20.5	-1.4	0.00	6.25	7.34	314	2.1	22.7	3.5	69	14	-6.8	12	59
4-29-88	22.7	-1.5	0.00	9.80	7.31	173	2.9	23.7	4.8	91	14	-3.8	12	66
4-30-88	22.0	10.7	0.00	8.79	3.14	168	5.7	18.6	10.1	46	29	2.6	19	72
MEAN	14.2	-2.3	10.14	TOTL M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	TOTL 19	TOTL 72
5-1-88	24.9	14.0	0.00	13.23	5.72	166	7.9	22.2	11.5	41	16	1.4	28	81
5-2-88	25.4	12.9	0.00	12.22	6.83	163	6.7	24.9	11.9	39	16	-1.8	37	91
5-3-88	25.3	8.6	0.00	9.63	7.07	150	3.8	26.1	11.5	65	13	-1.5	44	98
5-4-88	27.0	3.6	0.00	6.60	7.35	17	2.2	27.8	9.7	83	12	-0.6	49	107
5-5-88	27.0	5.3	0.00	3.45	6.76	12	1.9	26.9	11.0	88	13	3.1	55	115
5-6-88	28.4	8.1	0.00	13.39	5.94	95	6.1	24.7	11.9	81	12	3.7	64	124
5-7-88	25.3	13.3	1.27	10.34	3.65	226	7.1	21.3	13.7	86	25	9.4	73	134
5-8-88	24.6	12.2	1.27	1.98	4.45	192	4.2	23.7	12.0	91	43	10.9	81	142
5-9-88	20.4	6.9	6.10	6.02	4.60	269	5.6	18.2	10.0	91	17	6.5	85	147
5-10-88	21.3	5.7	0.00	7.39	7.03	179	2.7	24.2	8.1	89	14	0.9	88	153
5-11-88	24.2	5.5	0.00	5.16	6.35	151	4.1	24.9	10.7	84	24	4.6	93	160
5-12-88	24.7	2.3	6.60	8.13	6.14	94	4.7	23.9	8.8	92	40	8.5	97	167
5-13-88	16.9	-0.9	1.27	9.17	8.08	189	2.4	24.5	4.8	87	17	-3.3	97	171
5-14-88	25.2	5.8	0.00	7.47	5.68	176	5.9	23.1	8.8	68	35	4.9	102	178
5-15-88	17.3	5.9	1.02	2.39	2.15	188	6.3	14.1	9.5	91	40	5.8	104	182
5-16-88	17.8	5.3	0.51	5.79	7.53	13	2.9	25.9	8.4	91	19	0.1	105	186
5-17-88	20.7	2.6	0.00	10.39	8.14	187	5.0	25.5	8.4	91	16	-2.3	107	191
5-18-88	27.4	12.2	0.00	11.10	7.00	43	7.6	27.8	13.1	64	36	7.8	117	201
5-19-88	27.9	14.2	1.27	7.44	6.40	177	4.3	29.9	15.5	90	42	14.0	128	212
5-20-88	25.0	12.4	0.25	3.81	3.75	96	2.4	26.5	15.4	95	62	14.1	137	221
5-21-88	21.5	12.1	6.10	7.57	5.13	138	3.7	23.9	14.9	92	69	12.5	143	228
5-22-88	20.3	10.5	2.79	2.49	3.56	179	2.9	21.1	13.5	90	39	10.4	149	233
5-23-88	27.6	5.0	0.51	9.22	8.06	68	2.6	28.5	9.8	92	16	4.0	155	242
5-24-88	23.4	5.4	0.00	6.53	8.14	129	2.6	30.4	11.4	82	15	-0.1	160	249
5-25-88	28.2	7.2	0.00	10.01	7.91	76	4.8	30.1	12.7	58	18	3.6	167	258
5-26-88	31.1	16.0	0.00	11.53	7.18	201	3.2	34.3	17.4	90	38	15.0	181	271
5-27-88	27.8	13.6	11.68	5.84	6.46	343	2.4	27.9	16.8	92	58	16.5	191	281
5-28-88	30.2	16.5	0.00	8.23	6.58	10	3.8	31.1	17.8	90	56	17.5	205	295
5-29-88	29.7	16.8	0.00	6.93	5.76	26	4.1	30.5	18.3	86	45	16.4	218	308
5-30-88	31.4	19.3	0.00	9.75	6.79	25	4.8	32.3	19.9	83	40	16.5	233	322
5-31-88	31.6	19.0	0.00	11.84	7.43	346	4.5	33.8	20.1	80	39	16.0	249	337
MEAN	25.1	9.6	40.64	TOTL 245.04	MEAN 6.25	MEAN 139	MEAN 4.3	MEAN 26.1	MEAN 12.5	MEAN 82	MEAN 31	MEAN 6.9	TOTL 230	TOTL 265

STAPLES

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE	ACCM D.D. BASE
													10	1030
6-1-88	31.6	17.8	0.00	7.52	6.76	M	3.0	34.3	20.9	86	37	16.5	263	351
6-2-88	32.0	17.5	0.00	10.46	6.86	M	2.6	35.9	21.0	89	43	16.7	278	365
6-3-88	31.0	13.8	0.00	7.01	6.52	M	2.5	35.3	20.7	97	39	16.1	290	376
6-4-88	32.2	16.4	0.00	7.44	6.38	M	2.1	34.9	21.1	88	38	15.8	305	390
6-5-88	32.7	15.7	0.00	9.07	7.34	M	2.5	34.3	20.9	89	30	15.4	319	402
6-6-88	32.4	12.8	0.00	11.40	8.29	M	2.8	35.1	20.4	89	18	10.9	332	414
6-7-88	35.6	13.4	0.00	10.92	8.17	M	1.9	36.6	20.5	88	16	11.8	346	426
6-8-88	19.1	7.8	0.00	6.38	5.57	M	5.2	26.9	18.6	88	26	7.3	350	430
6-9-88	25.0	1.8	0.00	5.44	8.66	M	2.2	31.3	14.8	88	15	0.8	353	438
6-10-88	28.8	5.2	0.00	10.44	8.36	M	2.8	31.7	16.2	90	12	2.9	360	447
6-11-88	33.5	11.3	0.00	14.43	7.78	M	4.4	31.7	18.1	67	15	5.4	372	458
6-12-88	32.9	16.6	0.00	8.31	6.23	M	3.1	32.3	20.6	81	29	12.0	387	471
6-13-88	30.0	18.1	0.00	7.04	4.88	M	2.4	30.3	21.8	87	54	17.9	401	485
6-14-88	25.2	12.9	8.64	6.17	4.51	M	4.9	25.3	17.6	90	70	15.9	410	494
6-15-88	25.2	11.2	0.00	7.54	7.29	M	3.6	30.3	15.2	90	39	11.4	418	502
6-16-88	25.0	8.5	1.27	6.63	7.23	M	2.6	31.2	14.4	91	38	10.0	425	510
6-17-88	29.0	12.0	0.00	9.14	8.00	M	4.4	33.0	17.0	87	46	14.2	436	520
6-18-88	34.6	16.3	0.00	6.38	6.45	M	4.5	32.9	20.2	88	40	18.0	451	533
6-19-88	36.7	16.7	0.00	13.34	8.14	M	3.2	35.9	21.6	89	10	13.0	468	547
6-20-88	35.1	14.8	0.00	13.56	8.49	M	2.1	37.6	20.9	87	11	9.3	483	559
6-21-88	29.1	18.3	21.34	3.71	2.84	M	3.5	26.3	21.2	89	41	18.2	496	573
6-22-88	28.2	17.5	4.06	6.10	7.53	M	3.1	26.9	19.2	84	22	10.8	509	586
6-23-88	26.5	14.8	0.51	9.30	4.88	M	3.4	25.2	18.7	87	48	14.6	520	596
6-24-88	34.5	17.7	4.83	9.27	7.62	M	3.5	33.4	18.8	87	47	19.6	536	610
6-25-88	26.3	14.8	0.00	9.58	8.22	M	4.7	33.5	20.5	85	42	12.4	547	621
6-26-88	27.6	11.9	0.00	6.60	7.92	M	1.6	35.3	19.1	88	38	11.8	556	631
6-27-88	30.0	13.1	0.00	10.26	8.09	M	3.1	35.2	20.0	88	32	13.1	568	642
6-28-88	26.0	14.6	0.00	12.80	6.91	M	6.3	32.9	23.0	80	56	13.9	578	652
6-29-88	23.7	10.5	0.00	7.77	8.63	M	5.7	31.9	19.5	74	28	4.5	585	660
6-30-88	25.2	8.5	0.00	8.31	8.44	M	3.6	32.1	17.6	84	22	5.2	592	667
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	29.5	13.4	40.65	262.32	7.10	M	3.4	32.3	19.3	87	33	12.2	343	330
7-1-88	24.1	8.0	0.00	3.35	4.40	331	1.6	27.7	18.2	87	31	9.5	598	674
7-2-88	29.2	14.6	0.00	10.64	7.59	233	1.4	33.8	19.6	87	23	11.0	610	686
7-3-88	31.0	12.4	0.00	10.67	7.97	182	3.3	33.5	20.0	88	30	12.4	622	697
7-4-88	35.6	16.5	0.00	4.42	6.98	156	4.4	34.4	21.6	85	40	18.5	638	710
7-5-88	37.3	22.9	0.00	19.05	7.67	174	5.3	35.9	24.7	82	28	18.5	658	727
7-6-88	39.0	23.0	0.00	15.54	6.97	177	5.9	36.1	26.0	73	25	18.2	679	743
7-7-88	33.5	17.8	0.00	11.81	6.12	253	4.3	34.6	25.6	85	45	17.9	695	757
7-8-88	32.8	14.3	0.51	5.08	7.29	265	1.7	35.1	21.9	89	32	13.8	708	769
7-9-88	31.2	14.4	0.00	7.19	6.00	271	2.4	33.7	22.3	95	52	17.8	721	782
7-10-88	23.8	11.5	0.00	8.97	6.85	337	3.8	29.8	21.2	92	48	11.6	728	789
7-11-88	26.8	8.0	0.00	6.73	7.84	33	2.0	33.7	18.4	96	39	10.7	736	798
7-12-88	28.5	10.9	0.00	14.66	7.52	146	4.6	32.7	19.5	95	39	12.7	746	807
7-13-88	30.2	15.3	32.00	8.10	7.96	346	4.3	29.2	20.0	96	37	16.0	758	820
7-14-88	31.3	12.1	0.00	11.66	7.51	121	2.5	30.4	17.9	96	34	14.0	770	831
7-15-88	34.7	17.2	0.00	11.76	7.47	334	3.3	36.8	22.3	87	48	19.3	786	845
7-16-88	30.8	13.0	0.00	7.92	7.97	322	2.1	36.6	20.1	90	32	13.1	798	856
7-17-88	29.9	15.3	0.00	7.92	7.17	6	2.4	36.4	22.2	92	27	11.7	810	869
7-18-88	28.5	14.3	0.00	7.80	7.39	314	2.3	35.1	21.9	89	36	12.7	822	880
7-19-88	28.6	12.9	3.56	2.77	6.00	264	2.2	33.7	21.6	93	37	13.2	833	891
7-20-88	25.3	13.7	2.54	6.10	4.49	314	2.0	28.1	18.9	95	54	14.4	842	900
7-21-88	29.3	11.4	0.00	5.13	6.79	357	1.5	31.9	17.0	96	39	14.1	852	911
7-22-88	32.2	12.2	0.00	7.34	6.95	175	1.8	35.2	18.7	96	32	13.8	865	922
7-23-88	32.2	15.2	0.00	10.67	7.24	196	3.5	35.4	20.3	94	33	15.2	878	934
7-24-88	27.3	13.3	8.13	8.00	7.68	319	3.1	29.7	19.7	95	41	14.3	889	945
7-25-88	29.9	10.8	0.00	6.96	7.35	11	1.7	35.2	17.0	95	33	12.6	899	955
7-26-88	33.1	16.1	0.00	4.52	7.25	239	2.1	36.8	20.6	89	36	15.7	913	968
7-27-88	37.6	16.8	0.00	13.64	7.54	223	3.8	37.8	21.8	88	23	15.5	931	981
7-28-88	35.8	20.5	0.00	14.73	5.79	207	5.0	35.9	23.9	91	38	17.8	949	997
7-29-88	32.8	17.3	5.08	9.65	6.98	265	3.7	35.7	23.3	93	43	20.0	964	1010
7-30-88	32.6	13.5	0.00	6.63	7.66	352	1.6	37.9	20.3	94	26	13.3	977	1022
7-31-88	33.5	18.1	26.67	12.60	6.22	12	4.6	30.3	21.1	94	44	18.5	993	1036
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	31.2	14.6	78.49	282.01	6.99	224	3.0	33.8	20.9	91	36	14.8	401	369

STAPLES

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030
8-1-88	32.5	18.1	0.51	14.53	5.79	91	4.2	31.6	20.8	94	53	19.0	1008	1050
8-2-88	27.7	17.0	25.91	1.73	2.75	62	1.9	27.0	20.2	96	74	18.7	1020	1063
8-3-88 *	26.1	16.6	0.76	6.91	M	M	M	M	M	M	M	M	1032	1074
8-4-88 *	27.2	15.0	19.56	7.98	M	M	M	M	M	M	M	M	1043	1085
8-5-88 *	24.4	12.7	2.54	5.54	M	M	M	M	M	M	M	M	1051	1094
8-6-88 *	27.2	13.8	0.00	11.89	M	M	M	M	M	M	M	M	1062	1104
8-7-88 *	32.8	22.2	0.00	4.62	M	M	M	M	M	M	M	M	1079	1120
8-8-88 *	30.0	12.7	0.00	5.56	M	M	M	M	M	M	M	M	1091	1131
8-9-88 *	23.3	8.3	0.00	1.30	M	M	M	M	M	M	M	M	1096	1138
8-10-88	27.2	23.7	0.00	14.10	M	171	M	30.2	25.7	82	67	20.3	1112	1154
8-11-88	31.7	19.1	8.89	7.16	5.71	132	3.8	31.4	21.4	92	59	20.6	1127	1168
8-12-88	31.9	18.5	3.30	7.80	6.19	160	3.5	31.3	20.8	93	68	21.8	1142	1182
8-13-88	26.5	16.4	0.00	0.53	1.28	29	3.4	25.1	19.6	94	83	18.7	1154	1194
8-14-88	28.5	15.4	55.12	4.62	6.57	290	2.2	29.7	18.3	95	63	18.1	1166	1206
8-15-88	32.7	15.6	0.00	6.25	6.73	138	3.0	31.8	19.0	96	69	21.6	1180	1219
8-16-88	36.0	20.5	0.00	9.93	6.50	195	3.9	34.8	22.2	92	50	22.4	1198	1234
8-17-88	27.0	18.1	0.00	0.99	1.50	62	3.1	27.4	22.3	93	78	19.4	1211	1246
8-18-88	24.5	13.8	0.00	8.81	5.25	78	3.4	29.5	20.6	87	64	14.3	1220	1255
8-19-88	24.5	13.5	0.00	2.82	4.07	114	1.8	27.8	20.0	93	72	15.3	1229	1264
8-20-88	27.1	13.8	0.00	4.55	5.02	157	2.8	29.8	19.1	99	68	17.7	1239	1275
8-21-88	22.5	18.3	0.00	0.56	0.95	127	4.1	22.9	20.5	91	87	17.9	1250	1285
8-22-88	23.4	13.4	2.03	4.14	2.43	138	2.4	24.9	18.6	93	82	17.0	1258	1294
8-23-88	21.9	12.2	15.24	1.57	4.65	132	3.7	22.1	15.6	94	67	13.4	1265	1301
8-24-88	25.7	13.1	0.00	9.02	6.41	304	4.3	24.8	14.7	91	46	13.0	1275	1310
8-25-88	21.6	10.3	0.00	5.94	5.51	314	3.9	24.2	14.0	93	55	10.7	1281	1316
8-26-88	24.7	7.7	0.00	4.47	5.80	245	2.6	28.0	13.4	94	37	10.4	1287	1323
8-27-88	18.1	7.1	0.00	4.47	5.61	311	4.4	24.2	15.3	92	47	8.6	1289	1328
8-28-88	18.4	5.9	0.00	4.49	3.44	303	3.1	21.2	12.5	94	60	8.8	1292	1332
8-29-88	20.4	3.5	0.00	0.51	5.01	343	1.6	24.6	11.6	95	54	8.5	1293	1337
8-30-88	23.6	3.9	0.00	4.93	6.36	125	2.4	27.5	12.0	95	42	9.5	1297	1344
8-31-88	26.4	12.4	0.00	7.01	4.49	137	3.7	25.8	15.6	93	65	16.1	1307	1353
	MEAN 26.3	MEAN 13.9	TOTL 133.86	TOTL 174.73	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	MEAN M	TOTL 113	TOTL 157
9-1-88	25.9	13.1	9.65	4.98	5.59	246	3.1	26.6	17.6	93	57	16.5	1316	1363
9-2-88	23.8	12.7	0.00	4.80	3.60	310	2.7	23.4	15.1	92	52	12.5	1324	1371
9-3-88	20.6	12.9	8.89	4.17	3.11	349	3.7	20.1	14.8	93	72	12.8	1331	1378
9-4-88	19.7	5.5	0.00	2.54	5.34	352	3.6	21.5	12.6	94	53	9.9	1334	1383
9-5-88	19.5	3.9	0.00	3.35	5.69	338	2.1	21.6	9.7	94	45	6.5	1335	1387
9-6-88	21.8	1.5	0.00	3.84	6.10	178	1.6	25.0	9.2	96	41	6.8	1337	1393
9-7-88	25.3	8.1	0.00	3.33	5.24	175	4.6	24.1	12.0	91	41	10.3	1344	1401
9-8-88	20.7	8.9	0.00	4.22	5.32	286	3.9	23.4	13.7	94	28	7.1	1349	1406
9-9-88	22.9	6.5	0.00	8.86	5.56	276	4.0	23.3	11.5	90	27	4.6	1353	1413
9-10-88	18.7	3.5	0.00	1.27	1.99	102	3.2	17.0	11.1	94	60	7.7	1354	1417
9-11-88	30.5	15.5	0.00	7.95	3.95	164	4.7	25.3	15.2	91	48	15.3	1367	1430
9-12-88	15.5	3.7	5.59	0.08	2.89	323	4.2	18.9	10.7	94	70	9.0	1367	1432
9-13-88	22.7	2.6	0.00	6.45	5.62	276	2.9	21.6	8.2	96	42	8.0	1370	1439
9-14-88	22.3	2.4	0.00	1.04	4.85	75	1.4	22.5	9.2	94	37	6.6	1372	1445
9-15-88	16.2	12.0	0.00	2.77	1.27	118	4.1	16.8	13.6	93	71	10.3	1376	1449
9-16-88	18.0	10.7	14.22	2.26	1.11	151	3.1	16.9	13.3	96	86	12.4	1381	1453
9-17-88	27.8	8.0	8.13	2.34	4.93	115	1.6	23.2	11.2	100	48	14.6	1389	1462
9-18-88	25.2	12.8	0.00	3.73	1.94	113	3.3	20.9	14.4	92	84	17.2	1398	1471
9-19-88	22.6	8.0	21.08	1.78	0.81	346	5.4	18.7	11.7	92	85	12.2	1403	1478
9-20-88	10.2	6.5	0.51	1.78	2.36	325	4.6	14.3	10.1	91	84	5.9	1403	1478
9-21-88	15.5	6.7	0.00	1.80	2.56	120	3.0	17.0	10.2	92	79	8.7	1404	1480
9-22-88	16.5	6.7	0.25	2.77	2.57	300	3.2	17.1	9.9	93	66	9.9	1406	1484
9-23-88	19.4	4.1	0.00	4.52	4.87	274	3.4	18.9	7.4	92	37	5.3	1407	1488
9-24-88	23.5	5.5	0.25	4.50	4.62	202	3.8	21.1	8.9	91	43	8.5	1412	1495
9-25-88	15.6	5.5	0.00	2.16	2.94	50	2.7	16.8	9.1	93	55	7.1	1412	1498
9-26-88	21.7	7.6	0.00	0.03	3.51	278	2.6	20.4	10.5	93	60	11.3	1417	1504
9-27-88	14.1	5.0	0.00	1.52	2.29	30	2.9	16.6	9.7	94	69	6.5	1417	1506
9-28-88	8.8	6.6	0.00	0.61	0.62	99	5.1	11.1	9.5	93	86	6.1	1417	1506
9-29-88	11.5	8.1	23.37	1.88	0.80	63	1.5	13.0	9.7	98	89	8.8	1417	1507
9-30-88	16.8	9.4	0.25	1.91	1.39	227	2.4	15.6	10.7	98	85	10.6	1420	1510
	MEAN 19.8	MEAN 7.5	TOTL 92.19	TOTL 93.24	MEAN 3.45	MEAN 209	MEAN 3.3	MEAN 19.8	MEAN 11.4	MEAN 93	MEAN 60	MEAN 9.6	TOTL 113	TOTL 157

STAPLES

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030
10-1-88	18.4	4.6	0.00	4.39	4.33	326	3.6	17.2	8.7	91	42	6.4	1422	1514
10-2-88	14.4	-0.2	0.00	0.30	4.28	317	2.7	14.7	5.3	93	45	1.5	1422	1516
10-3-88	9.3	0.4	0.25	2.06	3.85	329	5.3	12.7	6.2	92	46	0.0	1422	1516
10-4-88	9.8	-4.0	0.00	9.42	4.53	352	3.0	14.0	3.1	94	41	-2.8	1422	1516
10-5-88	12.4	-4.4	0.00	1.30	4.38	179	1.4	15.5	2.8	95	39	-1.3	1422	1518
10-6-88	15.2	-2.0	0.00	1.32	4.30	226	2.2	16.3	4.0	94	29	-0.7	1422	1520
10-7-88	18.0	4.1	0.00	3.28	4.14	261	3.6	17.2	5.7	92	53	5.7	1423	1524
10-8-88	21.4	-0.6	0.00	2.29	4.01	292	0.9	18.8	5.6	94	39	5.0	1423	1530
10-9-88	21.5	-0.1	0.00	2.51	3.90	281	2.6	18.2	6.3	93	35	5.0	1424	1536
10-10-88	13.7	3.9	0.00	2.54	4.10	329	4.9	15.7	7.6	70	41	1.2	1424	1537
10-11-88	9.3	-4.5	0.00	1.04	4.00	334	2.7	13.9	4.0	92	41	-2.6	1424	1537
10-12-88	12.1	-7.1	0.00	5.79	3.86	149	1.8	14.4	2.3	94	41	-2.5	1424	1538
10-13-88	18.9	0.6	0.00	M	3.69	166	4.0	15.2	3.9	88	39	1.6	1424	1543
10-14-88	25.8	1.4	0.00	M	3.65	163	1.8	18.4	5.5	94	36	7.0	1427	1551
10-15-88	23.1	5.4	0.00	M	2.48	230	2.4	16.8	7.8	93	48	9.4	1432	1557
10-16-88	14.6	2.4	0.00	M	3.43	303	4.4	15.6	7.8	93	45	5.6	1432	1560
10-17-88	8.6	-1.9	6.10	M	1.54	348	2.6	10.5	3.6	93	64	1.8	1432	1560
10-18-88	8.3	-1.6	0.00	M	1.79	285	3.7	8.9	3.1	94	75	1.6	1432	1560
10-19-88	11.8	-4.3	1.02	M	3.22	269	1.9	10.7	1.9	94	44	-1.1	1432	1561
10-20-88	5.9	-1.7	8.89	M	0.50	173	2.2	6.4	2.4	93	89	2.1	1432	1561
10-21-88	8.5	-3.4	1.02	M	2.93	317	3.6	9.0	2.6	94	61	0.8	1432	1561
10-22-88	10.0	-4.6	0.00	M	2.90	159	4.8	7.7	1.7	94	46	-0.2	1432	1561
10-23-88	5.8	-3.7	0.00	M	0.70	314	6.8	6.1	1.9	92	76	-1.9	1432	1561
10-24-88	3.3	-5.9	0.00	M	3.06	312	4.6	4.0	0.6	93	62	-5.0	1432	1561
10-25-88	0.9	-7.2	0.00	M	1.43	312	4.9	1.0	0.1	92	66	-5.7	1432	1561
10-26-88	6.2	-9.5	0.00	M	2.84	140	3.1	2.5	-1.0	94	48	-5.5	1432	1561
10-27-88	4.1	-4.6	3.05	M	0.40	300	7.2	2.2	0.9	93	58	-2.2	1432	1561
10-28-88	-1.7	-10.1	0.25	M	3.33	304	6.0	0.9	-1.2	86	54	-9.3	1432	1561
10-29-88	0.9	-11.9	0.00	M	3.08	309	2.0	-0.1	-2.8	92	47	-10.5	1432	1561
10-30-88	6.8	-10.4	0.00	M	3.02	178	4.5	-0.1	-2.3	93	33	-8.0	1432	1561
10-31-88	8.6	-1.9	0.00	M	2.76	294	4.9	3.6	-0.1	91	55	-1.1	1432	1561
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	11.2	-2.7	20.58	M	3.11	266	3.5	6.1	1.9	92	50	-0.2	12	51

WASECA

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030	
4-1-88	9.9	-1.6	6.10	M	2.95	69	3.8	4.1	0.4	82	45	-1.6	0	0	
4-2-88	9.7	3.7	10.16	M	0.97	81	4.7	5.0	1.8	94	54	4.6	0	0	
4-3-88	9.5	5.7	0.76	M	1.20	229	2.6	5.9	3.8	94	83	6.1	0	0	
4-4-88	21.8	5.1	0.00	M	5.56	204	4.8	10.5	3.8	93	55	9.2	3	6	
4-5-88	13.1	5.3	2.79	M	1.72	352	4.6	8.3	5.0	91	59	5.7	3	7	
4-6-88	15.1	2.2	0.00	M	6.77	329	4.8	9.2	2.5	82	32	0.5	3	10	
4-7-88	24.3	3.0	0.00	M	6.64	155	5.4	12.9	3.4	79	27	3.6	7	17	
4-8-88	25.7	11.1	0.00	M	6.30	163	9.8	14.1	8.0	57	21	3.4	15	25	
4-9-88	13.1	1.1	0.00	M	2.17	323	4.9	12.2	6.3	82	50	0.3	15	27	
4-10-88	13.0	-2.2	0.00	M	6.52	345	3.1	11.7	3.4	83	19	-6.0	15	29	
4-11-88	16.0	-1.3	0.00	M	7.01	27	1.9	14.4	4.1	72	18	-6.2	15	32	
4-12-88	20.8	-1.0	0.00	M	6.97	205	2.3	15.8	5.6	62	14	-6.8	15	37	
4-13-88	15.3	2.0	0.00	M	3.96	327	5.0	12.5	8.7	57	17	-4.9	15	40	
4-14-88	8.3	-2.9	0.00	M	7.21	330	5.8	10.8	5.0	55	26	-9.3	15	40	
4-15-88	12.4	-3.5	0.00	M	7.25	340	3.6	11.8	4.0	60	25	-8.2	15	41	
4-16-88	20.3	-3.2	0.00	M	7.20	218	5.4	13.2	4.6	58	15	-8.2	15	46	
4-17-88	11.9	-2.1	0.00	M	6.14	314	7.0	12.4	8.3	47	24	-5.5	15	47	
4-18-88	9.3	-6.1	0.00	M	7.50	332	4.6	11.1	4.2	53	18	-14.4	15	47	
4-19-88	13.5	-8.4	0.51	M	7.45	275	3.5	11.7	3.4	50	16	-13.9	15	49	
4-20-88	10.3	-1.3	0.00	M	6.98	342	4.5	12.3	6.7	78	19	-10.5	15	49	
4-21-88	7.4	-3.5	0.51	M	2.11	248	1.8	8.8	5.8	89	32	-5.2	15	49	
4-22-88	4.2	0.2	17.78	M	0.75	61	4.7	7.2	3.2	94	61	-0.9	15	49	
4-23-88	10.3	0.3	0.76	M	3.35	9	4.6	7.3	2.3	94	49	0.9	15	49	
4-24-88	16.7	-0.1	0.00	M	6.61	195	4.2	10.0	2.9	91	51	3.6	15	52	
4-25-88	12.6	1.2	1.02	M	4.83	5.92	317	3.7	11.0	5.4	93	29	0.3	15	54
4-26-88	4.1	0.3	21.34	M	0.00	1.72	6	5.2	7.7	2.6	94	76	0.0	15	54
4-27-88	12.2	0.9	0.00	M	3.56	6.76	314	4.9	7.9	1.9	93	42	0.4	15	55
4-28-88	18.3	-0.9	0.00	M	5.33	7.88	288	2.4	12.7	3.2	92	17	-1.9	15	59
4-29-88	21.9	1.5	0.00	M	5.08	7.94	160	2.6	16.5	5.5	78	15	-1.3	17	65
4-30-88	23.5	8.2	0.00	M	9.65	5.05	171	4.4	14.6	9.5	56	29	2.8	23	72
MEAN	14.2	0.5	61.73	M	5.22	224	4.3	10.8	4.5	77	35	-2.1	23	72	
5-1-88	25.2	9.3	0.00	M	12.70	7.09	154	6.8	16.7	10.0	56	13	-1.6	30	79
5-2-88	25.7	10.0	0.00	M	12.45	7.72	137	7.0	18.0	11.2	42	13	-2.3	38	87
5-3-88	25.4	8.8	0.00	M	9.65	7.82	115	5.3	19.2	11.8	45	13	-3.0	45	95
5-4-88	26.3	6.1	0.00	M	8.64	7.49	350	3.3	19.6	12.0	59	13	-1.1	51	103
5-5-88	28.5	6.0	0.00	M	9.65	8.12	47	3.0	21.7	12.6	55	11	-3.0	59	112
5-6-88	28.4	8.7	0.00	M	15.49	6.52	168	5.6	19.6	14.2	49	11	-1.8	67	121
5-7-88	28.2	13.7	19.30	M	11.94	4.65	164	9.9	18.9	15.2	86	19	6.8	78	132
5-8-88	21.3	10.8	18.03	M	6.35	2.94	162	5.1	17.7	14.1	90	72	12.3	84	138
5-9-88	17.1	8.9	3.81	M	4.57	2.67	293	5.8	14.2	12.0	91	65	8.9	87	142
5-10-88	22.4	4.0	0.00	M	4.83	6.75	322	2.5	17.0	9.4	91	36	6.4	90	148
5-11-88	24.3	6.3	0.00	M	5.08	5.85	255	2.4	18.4	11.0	88	23	6.3	96	155
5-12-88	30.2	8.3	0.00	M	12.95	6.38	268	5.9	20.6	12.8	87	15	5.9	105	165
5-13-88	17.9	8.7	0.00	M	6.86	1.48	102	2.7	21.0	16.7	49	16	-5.3	108	169
5-14-88	30.8	8.6	0.00	M	8.13	4.50	168	6.3	18.9	13.6	62	18	5.1	118	179
5-15-88	25.1	8.4	0.00	M	11.43	6.73	298	7.2	19.2	14.8	81	14	3.0	125	187
5-16-88	13.0	4.8	0.00	M	3.05	3.51	353	4.2	16.5	13.0	88	63	5.2	125	188
5-17-88	22.8	2.1	0.00	M	8.64	8.55	120	3.7	19.6	10.2	92	21	1.6	127	195
5-18-88	27.1	11.4	2.54	M	12.45	6.69	151	7.0	20.5	14.1	67	25	6.0	136	204
5-19-88	25.1	14.0	0.00	M	6.60	4.55	149	5.7	19.3	15.5	67	40	9.1	146	213
5-20-88	30.1	14.1	0.00	M	10.41	7.86	131	3.6	23.7	15.6	63	23	7.5	158	226
5-21-88	30.8	13.4	0.00	M	9.91	6.99	147	4.7	23.4	17.4	82	21	9.7	170	237
5-22-88	24.2	15.4	0.00	M	5.33	3.59	26	5.1	21.0	18.3	86	57	14.3	180	247
5-23-88	26.8	13.8	0.00	M	11.43	8.58	41	5.1	23.6	17.1	84	18	6.8	190	257
5-24-88	23.9	11.8	0.00	M	7.62	8.60	56	4.8	23.7	17.3	59	13	-0.1	198	265
5-25-88	26.1	6.6	0.00	M	12.70	8.63	185	5.7	22.7	15.9	50	14	-1.1	204	273
5-26-88	28.5	15.2	6.35	M	13.21	6.98	213	7.7	22.9	17.6	58	37	10.3	216	285
5-27-88	27.2	15.0	0.51	M	6.35	6.22	175	4.7	23.4	18.3	88	49	15.3	227	296
5-28-88	33.5	17.5	0.00	M	14.48	7.80	191	5.7	25.5	18.9	79	18	13.5	243	310
5-29-88	32.0	19.4	0.00	M	14.73	7.75	181	6.6	25.4	20.4	63	17	11.0	259	325
5-30-88	33.1	19.7	0.00	M	13.97	6.91	179	6.6	25.6	20.9	62	29	12.1	275	339
5-31-88	33.6	19.0	0.00	M	10.41	8.21	187	4.9	27.2	21.0	67	14	9.6	291	354
MEAN	26.3	11.0	50.54	M	302.01	6.39	177	5.3	20.8	14.9	70	26	5.4	268	282

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DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030
6-1-88	33.7	17.6	0.00	11.68	7.25	187	3.4	27.4	21.7	78	14	11.5	307	368
6-2-88	31.7	14.4	0.00	7.87	6.55	59	2.8	26.8	21.7	83	37	14.3	320	380
6-3-88	27.9	15.4	0.00	7.87	7.09	80	2.8	27.3	21.7	87	41	13.2	332	392
6-4-88	31.8	15.0	0.00	9.14	7.92	165	2.5	28.3	21.3	57	26	9.1	345	404
6-5-88	32.2	16.0	0.00	11.18	8.57	204	3.5	28.6	21.7	56	16	6.5	359	417
6-6-88	32.4	13.7	0.00	11.43	8.85	210	3.4	28.4	21.7	56	11	3.2	372	429
6-7-88	35.1	14.7	0.00	11.94	8.44	206	2.8	29.4	21.8	58	14	8.1	387	441
6-8-88	28.9	11.5	0.00	9.14	8.22	54	5.0	27.9	23.3	82	39	12.6	397	451
6-9-88	24.0	8.0	0.00	8.38	9.14	68	3.2	26.3	19.7	81	14	0.0	403	458
6-10-88	28.9	8.7	0.00	10.41	9.02	162	2.5	26.9	19.1	55	11	-2.1	412	468
6-11-88	30.9	11.6	0.00	14.73	8.60	196	4.7	26.3	20.3	49	11	0.5	423	479
6-12-88	34.3	17.8	0.00	15.24	8.13	187	6.0	27.1	21.3	40	13	3.7	439	493
6-13-88	34.2	19.4	1.27	14.73	6.69	206	5.2	27.2	22.7	84	29	13.1	456	507
6-14-88	33.3	16.2	1.78	13.46	7.53	226	6.1	27.4	23.3	78	24	13.2	471	520
6-15-88	25.8	13.5	0.00	7.11	7.70	315	2.6	27.0	21.2	88	33	10.9	480	530
6-16-88	28.2	10.5	2.54	9.65	8.70	28	2.6	27.9	20.7	81	29	9.2	490	539
6-17-88	24.2	15.1	2.79	5.08	4.77	164	4.6	25.0	21.0	86	50	13.8	499	549
6-18-88	33.3	15.7	0.51	13.21	7.85	191	5.9	26.3	20.1	87	40	17.2	514	562
6-19-88	33.7	22.8	7.11	9.40	7.51	205	4.7	28.6	22.8	85	49	19.8	532	578
6-20-88	36.4	19.6	0.00	10.41	8.81	49	1.8	31.3	22.6	87	15	16.0	550	593
6-21-88	38.6	22.1	0.00	12.70	7.34	196	4.7	31.0	24.4	67	26	17.3	571	609
6-22-88	31.8	19.2	0.00	11.94	8.19	358	3.6	31.1	25.9	78	15	13.4	586	624
6-23-88	28.7	16.4	6.86	6.86	4.65	141	3.9	27.4	23.4	85	37	13.7	599	636
6-24-88	36.2	19.8	0.00	13.46	7.95	192	6.6	28.9	22.0	86	34	18.7	617	651
6-25-88	29.8	17.3	0.00	12.45	8.72	345	4.0	30.2	24.5	70	26	12.4	630	665
6-26-88	27.5	14.6	0.00	7.62	8.37	54	2.5	29.6	22.7	84	37	11.8	641	676
6-27-88	29.4	12.6	0.00	10.16	8.63	191	2.5	29.6	22.2	86	33	11.9	652	687
6-28-88	37.6	16.6	0.00	11.68	6.51	184	4.7	29.7	23.1	88	32	14.2	669	700
6-29-88	19.9	13.4	11.43	3.56	2.77	88	4.3	23.9	18.8	89	47	11.8	676	706
6-30-88	25.1	10.3	0.00	7.62	8.41	91	3.6	25.0	16.5	81	23	6.7	683	714
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	30.9	15.3	34.29	310.11	7.63	167	3.9	27.9	21.8	76	27	10.9	392	360
7-1-88	26.8	10.3	0.00	7.11	8.34	151	2.1	27.1	18.3	83	23	7.5	692	723
7-2-88	28.3	11.9	0.00	8.13	8.66	194	1.7	29.0	20.4	83	19	9.1	702	733
7-3-88	29.3	12.3	0.00	8.13	8.47	168	3.1	28.7	21.6	87	33	12.5	713	744
7-4-88	32.5	16.7	0.00	11.68	8.10	167	4.6	29.0	22.6	78	45	17.1	728	757
7-5-88	34.8	20.2	0.00	13.21	8.23	170	4.5	30.3	23.9	74	36	17.5	745	772
7-6-88	35.3	21.9	0.00	12.70	8.23	179	4.7	30.7	25.1	68	35	17.6	764	788
7-7-88	35.1	22.1	0.00	11.43	7.68	199	4.4	31.1	25.7	74	43	19.5	782	804
7-8-88	29.9	18.6	4.57	4.83	4.98	249	1.9	28.9	25.7	87	60	19.3	797	818
7-9-88	27.9	19.4	1.27	3.30	3.73	189	1.5	27.0	24.6	88	68	19.3	810	832
7-10-88	28.7	17.1	0.00	9.14	7.83	330	2.8	29.2	22.9	89	34	14.4	823	845
7-11-88	26.3	13.8	0.00	5.84	6.96	5	1.9	28.7	22.4	84	38	11.8	833	855
7-12-88	28.5	13.1	1.27	9.91	8.28	134	3.7	28.8	22.1	86	39	13.8	844	866
7-13-88	33.7	19.3	0.00	9.14	8.16	218	3.9	30.6	23.9	86	49	20.5	860	880
7-14-88	33.6	16.1	0.00	10.67	8.17	120	3.2	30.9	24.2	84	24	15.4	875	893
7-15-88	36.2	24.4	0.00	11.68	7.53	219	4.9	31.7	26.7	78	40	21.8	895	911
7-16-88	32.5	17.9	0.00	9.14	8.15	2	2.5	32.3	26.6	78	16	14.9	911	924
7-17-88	33.0	15.7	1.52	4.06	4.64	226	1.7	29.7	25.4	87	40	18.0	925	937
7-18-88	31.3	16.8	0.00	8.13	7.55	353	2.3	29.8	23.9	88	17	12.1	939	951
7-19-88	25.5	14.2	2.03	1.78	2.72	232	1.7	26.9	22.8	89	49	14.4	949	961
7-20-88	23.3	11.2	4.83	6.60	5.92	334	2.2	24.1	20.7	90	65	13.8	956	968
7-21-88	28.7	9.5	0.00	6.35	8.11	335	1.6	27.9	18.6	91	34	12.3	965	977
7-22-88	32.3	11.6	0.00	7.37	7.67	137	1.4	29.1	21.1	88	26	11.9	977	988
7-23-88	31.6	14.4	0.00	9.14	7.55	190	2.4	29.6	22.6	86	22	13.0	990	1000
7-24-88	31.4	16.8	0.00	8.89	7.24	304	2.2	29.9	23.9	85	19	13.4	1004	1014
7-25-88	29.4	14.1	0.00	8.13	8.23	9	2.2	29.9	23.1	85	24	11.0	1016	1025
7-26-88	32.3	13.3	0.00	13.72	7.62	212	2.6	30.1	23.0	80	28	12.5	1029	1037
7-27-88	33.8	16.7	0.00	6.35	8.06	216	3.7	30.7	24.3	86	31	15.9	1044	1050
7-28-88	33.8	17.9	0.00	11.94	8.00	204	4.2	30.8	24.8	84	31	16.5	1060	1064
7-29-88	33.3	21.6	0.00	9.40	7.32	205	3.8	31.2	25.7	82	48	20.0	1077	1080
7-30-88	35.0	18.6	0.00	11.18	7.95	12	1.8	32.4	25.4	85	15	13.0	1094	1094
7-31-88	39.0	21.4	0.00	13.46	7.35	197	4.5	32.3	26.3	61	15	14.6	1114	1110
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	31.4	16.4	15.49	272.54	7.34	189	2.9	29.6	23.5	83	34	15.0	431	396

WASECA

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030
8-1-88	37.1	20.7	0.00	14.48	7.62	199	3.9	32.8	27.0	82	27	17.9	1133	1125
8-2-88	36.2	19.7	29.97	17.02	6.46	205	5.4	32.3	26.5	87	29	17.8	1151	1140
8-3-88	33.3	21.2	17.02	12.70	5.92	187	3.2	29.2	24.4	86	63	22.3	1168	1156
8-4-88	25.2	19.2	0.00	3.05	2.54	292	2.3	26.9	23.9	88	76	18.8	1180	1168
8-5-88	26.8	15.5	0.00	8.38	7.82	266	3.3	27.1	21.5	89	41	14.6	1192	1179
8-6-88	31.8	14.7	0.00	9.91	7.68	200	3.2	29.8	20.8	86	39	15.8	1205	1191
8-7-88	34.7	21.0	24.13	12.95	6.98	187	4.6	30.9	23.4	87	42	17.9	1223	1207
8-8-88	26.4	18.6	0.25	3.05	3.04	2	2.0	26.6	23.7	87	64	19.1	1235	1219
8-9-88	29.8	15.5	0.00	6.10	7.51	337	1.2	28.7	21.1	88	41	16.2	1248	1232
8-10-88	30.3	16.9	0.00	7.37	7.61	160	3.0	29.9	21.8	85	39	16.5	1261	1245
8-11-88	33.3	21.4	0.00	7.37	6.90	186	3.3	31.6	24.1	86	56	22.1	1279	1261
8-12-88	32.4	22.6	0.00	7.87	6.46	187	3.3	31.8	25.5	84	57	21.9	1296	1277
8-13-88	30.3	20.8	5.59	5.59	4.44	209	4.1	29.8	25.9	85	63	20.8	1312	1293
8-14-88	31.6	18.6	0.00	5.84	7.15	336	1.5	31.5	24.1	88	47	19.3	1327	1307
8-15-88	36.3	20.9	0.00	7.62	7.23	142	3.2	32.9	24.7	84	45	21.8	1345	1323
8-16-88	36.7	25.5	0.00	12.19	7.16	211	4.7	33.3	26.7	79	36	21.1	1367	1340
8-17-88	35.1	22.0	0.00	8.89	6.79	242	3.9	33.8	27.1	83	46	21.0	1385	1356
8-18-88	23.3	18.3	1.27	1.78	1.45	28	3.0	30.7	24.8	89	83	17.8	1396	1367
8-19-88	23.4	16.5	0.00	2.03	2.58	72	2.1	25.2	22.8	89	76	16.6	1406	1377
8-20-88	29.1	14.0	0.00	5.59	5.76	156	1.8	28.8	21.4	90	52	16.4	1417	1389
8-21-88	28.5	18.3	10.41	5.84	4.03	139	4.0	26.7	23.2	83	61	17.4	1431	1402
8-22-88	23.6	13.0	0.00	0.51	1.83	169	2.9	24.8	20.9	89	80	16.5	1439	1410
8-23-88	26.0	12.5	0.00	7.87	6.97	283	3.1	25.3	18.8	90	36	12.3	1448	1420
8-24-88	26.6	10.8	0.00	8.38	7.11	297	3.1	26.3	18.8	88	29	10.8	1457	1428
8-25-88	24.2	11.1	0.00	8.13	6.60	325	3.8	25.7	20.0	82	30	8.5	1465	1436
8-26-88	25.4	7.2	5.08	6.10	5.90	229	2.2	25.3	18.5	89	26	8.3	1471	1444
8-27-88	21.3	7.6	0.00	6.10	6.25	316	2.8	24.5	19.6	89	38	9.9	1475	1449
8-28-88	19.7	3.8	0.00	4.06	5.13	304	2.1	21.5	16.2	90	41	6.1	1477	1454
8-29-88	25.4	4.8	0.00	5.59	6.61	220	1.6	24.4	15.4	90	20	5.3	1482	1462
8-30-88	27.4	10.7	0.00	5.84	6.81	132	2.1	26.3	17.9	88	29	10.6	1491	1471
8-31-88	30.2	14.3	8.38	12.19	5.72	184	5.3	25.4	19.6	76	37	12.0	1504	1483
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	29.1	16.1	102.1	230.39	5.87	206	3.1	28.4	22.3	86	47	15.9	390	373
9-1-88	24.8	14.9	10.92	4.57	2.72	197	3.9	23.0	19.6	87	49	14.0	1513	1493
9-2-88	30.1	12.7	0.00	5.84	5.37	260	2.4	22.8	17.3	90	17	11.4	1525	1504
9-3-88	19.2	11.3	5.33	4.32	3.53	347	3.5	20.2	16.8	89	70	12.3	1530	1510
9-4-88	23.5	10.5	0.00	5.84	5.26	352	4.0	21.2	17.2	88	49	12.2	1537	1517
9-5-88	20.1	5.3	0.00	4.32	5.55	342	2.3	20.9	14.6	89	37	5.9	1540	1522
9-6-88	24.0	4.4	0.00	6.60	6.45	221	2.4	23.0	14.0	90	27	5.9	1544	1529
9-7-88	25.9	11.0	0.00	9.91	5.96	171	5.4	22.6	16.1	66	27	5.8	1552	1537
9-8-88	22.8	6.7	0.00	4.57	3.95	241	3.3	21.4	17.7	78	26	8.3	1557	1543
9-9-88	28.3	4.4	0.00	5.33	6.00	231	2.9	22.5	14.8	81	12	1.6	1564	1553
9-10-88	28.8	9.6	0.00	8.89	5.19	141	3.6	22.5	16.6	76	12	3.8	1573	1562
9-11-88	30.8	17.1	0.25	7.37	5.54	172	4.9	24.3	18.6	75	32	13.3	1587	1576
9-12-88	21.8	8.5	0.00	0.25	1.79	319	3.4	22.3	18.2	88	69	12.1	1592	1581
9-13-88	23.5	4.1	0.00	4.57	6.16	286	2.0	22.4	15.1	92	17	3.9	1596	1588
9-14-88	26.1	5.3	0.00	6.86	5.87	55	2.0	23.2	15.8	87	21	3.5	1601	1596
9-15-88	17.8	13.9	3.81	1.78	0.95	117	4.5	20.6	17.0	82	38	8.8	1607	1602
9-16-88	26.6	13.7	0.00	5.84	4.80	195	4.7	21.7	16.3	87	41	13.6	1617	1612
9-17-88	33.9	12.7	5.08	8.13	5.67	200	2.7	24.7	16.9	89	17	14.0	1631	1624
9-18-88	30.8	21.2	20.32	11.94	3.50	178	4.5	24.6	21.0	85	53	19.4	1647	1639
9-19-88	21.6	8.7	19.05	9.14	0.78	244	5.6	22.4	14.9	90	83	12.4	1652	1645
9-20-88	15.0	5.5	0.25	2.54	3.74	301	4.8	17.2	13.2	89	69	7.0	1652	1647
9-21-88	20.5	3.8	38.10	7.62	3.67	139	3.4	16.2	11.5	100	65	9.9	1654	1653
9-22-88	20.5	7.3	0.00	2.79	1.77	328	2.6	18.2	14.9	89	55	13.6	1658	1658
9-23-88	20.9	3.3	0.00	4.83	5.64	282	1.9	18.1	11.6	M	19	3.4	1660	1663
9-24-88	22.6	6.3	0.00	6.10	5.36	192	3.8	18.6	11.9	78	23	3.9	1665	1670
9-25-88	25.5	7.8	3.56	4.57	5.14	97	2.4	20.7	13.3	85	32	8.3	1671	1677
9-26-88	27.4	12.5	0.00	7.62	4.35	205	4.3	21.0	16.2	87	47	14.4	1681	1687
9-27-88	20.8	10.7	0.00	2.29	4.90	23	2.7	21.2	15.2	87	41	8.6	1687	1693
9-28-88	12.4	8.7	19.81	1.78	0.43	101	6.1	17.4	13.4	89	79	8.5	1688	1694
9-29-88	21.5	12.3	0.76	1.27	1.96	90	2.6	17.4	13.3	89	77	13.6	1695	1701
9-30-88	21.8	11.7	0.00	2.29	2.66	233	2.0	18.6	14.9	92	67	13.1	1701	1708
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	23.6	9.5	127.24	159.77	4.16	209	3.5	21.0	15.6	86	43	9.6	197	225

WASECA

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE	ACCM D.D. BASE
													10	1030
10-1-88	19.0	8.5	0.00	4.32	4.24	323	2.5	17.8	14.3	89	55	9.6	1705	1713
10-2-88	15.1	1.4	0.00	3.56	4.98	339	2.5	16.8	11.3	89	40	2.8	1705	1715
10-3-88	13.3	0.1	0.00	2.54	3.19	316	3.1	14.7	10.1	90	34	0.7	1705	1717
10-4-88	10.1	-1.1	0.00	2.54	5.04	347	3.0	14.1	8.1	82	42	-2.7	1705	1717
10-5-88	12.4	-4.4	0.00	4.83	4.92	48	1.4	14.6	7.1	91	25	-4.1	1705	1718
10-6-88	15.6	0.2	0.00	2.54	4.64	168	1.7	15.1	8.1	77	18	-4.4	1705	1721
10-7-88	16.2	-1.0	0.00	1.52	4.55	246	3.5	14.2	8.1	88	44	1.7	1705	1724
10-8-88	18.4	1.8	0.00	2.03	4.46	215	1.7	15.4	8.7	91	43	4.5	1705	1728
10-9-88	21.2	3.7	0.00	4.06	4.03	260	2.8	16.0	10.2	90	34	4.6	1708	1734
10-10-88	16.0	5.2	0.00	5.33	4.47	320	5.0	15.0	10.8	84	30	1.6	1708	1737
10-11-88	10.6	-0.6	0.00	3.30	4.64	334	3.2	13.2	8.7	86	36	-2.6	1708	1737
10-12-88	13.2	-5.2	0.00	2.79	4.50	86	1.7	12.8	6.7	91	28	-4.5	1708	1739
10-13-88	19.2	1.0	0.00	5.33	4.27	163	5.6	12.8	7.2	61	24	-2.1	1708	1743
10-14-88	23.3	8.4	0.00	0.25	4.16	184	4.0	15.5	10.0	82	37	6.8	1714	1750
10-15-88	24.0	9.0	0.51	M	3.62	199	4.0	16.2	11.5	88	47	10.1	1721	1757
10-16-88	17.0	4.5	0.51	M	3.99	284	3.9	15.4	12.4	89	34	5.4	1722	1760
10-17-88	12.6	2.8	0.00	M	0.50	346	3.8	13.0	10.1	90	72	5.8	1722	1762
10-18-88	13.0	-2.3	0.00	M	3.04	290	4.1	11.4	7.7	91	39	0.3	1722	1763
10-19-88	11.5	-4.5	0.00	M	3.04	239	1.7	10.8	6.3	91	37	-1.9	1722	1764
10-20-88	6.7	3.1	6.60	M	0.38	178	3.9	9.1	7.7	92	70	2.8	1722	1764
10-21-88	9.8	-2.1	0.00	M	3.17	321	3.7	9.4	6.4	93	58	1.6	1722	1764
10-22-88	11.6	-4.8	0.51	M	3.35	156	4.9	8.6	4.3	92	45	-0.5	1722	1765
10-23-88	8.8	-0.2	0.00	M	1.22	311	7.5	8.2	4.9	88	62	-2.0	1722	1765
10-24-88	7.5	-4.4	0.00	M	3.80	308	5.2	7.1	3.2	88	44	-5.0	1722	1765
10-25-88	4.1	-6.5	0.00	M	3.73	305	4.6	5.9	3.0	88	45	-7.2	1722	1765
10-26-88	8.6	-8.5	0.00	M	3.17	170	3.1	5.6	1.9	86	22	-7.2	1722	1765
10-27-88	10.2	-2.0	0.00	M	0.69	274	7.9	6.6	4.6	88	48	-1.8	1722	1765
10-28-88	1.9	-6.3	0.00	M	3.51	304	5.8	5.5	3.0	76	39	-9.2	1722	1765
10-29-88	2.4	-9.3	0.00	M	2.89	326	1.9	4.4	1.6	83	22	-13.3	1722	1765
10-30-88	6.9	-10.0	0.00	M	3.39	172	4.8	3.7	1.1	66	22	-13.3	1722	1765
10-31-88	14.2	-1.7	0.00	M	3.28	263	6.6	7.2	2.3	85	32	-3.7	1722	1767
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	12.7	-0.8	8.13	M	3.51	251	3.8	11.5	7.1	86	40	-0.9	21	59

WESTPORT

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE	ACCM D.D. BASE
													10	1030
4-1-88	5.3	-5.0	0.00	M	4.33	35	2.9	6.3	2.0	89	44	-5.6	0	0
4-2-88	13.4	-6.6	7.62	M	5.44	113	2.0	9.6	2.0	91	25	-3.4	0	2
4-3-88	6.0	-1.2	1.27	M	1.26	61	3.2	5.4	2.1	94	76	1.6	0	2
4-4-88	9.7	3.1	0.00	M	1.83	321	2.0	9.1	3.5	95	84	4.5	0	2
4-5-88	16.5	6.2	0.00	M	4.22	163	3.9	13.6	6.1	92	69	7.3	1	5
4-6-88	13.5	2.6	0.00	M	2.26	314	3.5	10.1	5.8	90	42	2.9	1	7
4-7-88	17.6	0.5	0.00	M	6.27	285	3.7	13.1	3.4	85	23	-0.2	1	10
4-8-88	25.1	1.6	0.00	M	5.77	124	3.5	15.5	4.3	89	30	5.4	5	18
4-9-88	28.9	5.5	0.00	M	5.46	174	8.2	16.3	9.2	78	22	6.2	12	27
4-10-88	8.4	-2.1	0.00	M	4.56	323	5.5	10.8	4.9	94	48	-0.8	12	27
4-11-88	12.5	-3.3	0.00	M	5.80	294	3.2	12.0	3.5	87	30	-3.2	12	29
4-12-88	17.2	-3.6	0.00	M	6.49	211	1.7	15.3	3.6	94	17	-3.2	12	32
4-13-88	24.0	0.3	0.00	M	6.37	230	2.8	16.7	4.7	72	14	-1.9	14	39
4-14-88	11.2	-0.7	0.00	M	6.05	343	5.7	13.9	6.6	72	35	-3.4	14	40
4-15-88	6.8	-4.5	0.00	M	6.66	338	5.9	10.9	3.8	73	38	-7.7	14	40
4-16-88	12.2	-6.0	0.00	M	6.68	339	2.9	13.6	3.2	82	35	-5.1	14	41
4-17-88	22.6	-3.6	0.00	M	6.46	219	5.6	14.5	4.5	86	16	-4.0	14	47
4-18-88	12.8	-3.1	0.00	M	5.40	339	7.3	12.6	6.8	68	26	-5.1	14	49
4-19-88	6.4	-7.6	0.00	M	6.92	340	4.8	11.7	3.9	55	20	-13.6	14	49
4-20-88	13.2	-8.5	0.00	M	6.91	278	3.4	12.6	3.5	83	17	-11.4	14	50
4-21-88	8.5	-3.3	0.00	M	6.92	359	4.7	13.9	5.9	63	23	-10.0	14	50
4-22-88	10.9	-4.5	0.00	M	4.48	350	2.7	12.8	5.5	65	30	-7.7	14	51
4-23-88	12.8	-3.4	0.00	M	4.44	86	3.4	12.3	5.5	90	28	-4.5	14	52
4-24-88	13.8	-3.5	0.00	M	6.99	349	2.9	16.4	6.3	91	24	-4.1	14	54
4-25-88	19.0	-4.8	0.00	M	6.50	226	3.8	16.3	6.4	84	31	-2.1	14	59
4-26-88	12.0	-0.5	3.81	M	4.92	320	4.6	13.2	7.7	80	41	-3.5	14	60
4-27-88	3.7	0.1	0.00	M	1.39	3	4.3	9.5	6.5	92	71	0.0	14	60
4-28-88	14.1	0.0	1.02	M	7.27	323	4.1	15.3	4.9	80	19	-4.2	14	62
4-29-88	20.0	-2.7	0.00	M	7.43	291	2.2	18.5	5.9	86	14	-6.2	14	67
4-30-88	23.2	0.7	0.00	M	7.37	163	3.7	19.8	8.5	75	17	-2.3	16	73
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	14.0	-1.9	13.72	M	5.43	244	3.9	13.1	5.0	82	34	-2.8	16	73
5-1-88	22.1	10.8	0.00	M	3.39	155	6.6	17.5	12.6	53	37	4.2	22	80
5-2-88	26.0	12.3	0.00	M	5.82	156	8.2	19.8	13.2	45	18	2.3	32	89
5-3-88	26.1	13.2	0.00	M	6.88	149	7.8	21.1	14.4	40	16	-1.3	41	98
5-4-88	25.1	8.8	0.00	M	7.18	131	4.7	22.5	13.8	50	15	-2.1	48	106
5-5-88	26.3	3.4	0.00	M	7.22	353	2.9	24.8	13.0	70	13	-1.2	53	114
5-6-88	26.4	6.3	0.00	M	7.35	350	2.6	25.8	14.7	80	14	2.7	59	122
5-7-88	28.8	6.3	1.02	M	5.03	159	6.5	21.0	15.3	77	13	4.1	67	132
5-8-88	25.1	9.4	1.02	M	3.01	160	7.5	19.6	15.6	81	35	9.6	74	139
5-9-88	23.1	11.2	9.14	M	4.73	169	5.1	21.8	14.4	90	42	9.8	81	146
5-10-88	19.4	9.4	2.29	M	5.48	324	7.5	18.9	14.2	90	25	6.8	86	151
5-11-88	22.0	6.6	0.00	M	7.09	339	3.4	23.6	12.4	84	17	2.5	90	157
5-12-88	24.1	5.1	0.00	M	6.12	294	4.1	23.1	13.8	81	30	5.2	95	164
5-13-88	27.4	3.5	2.03	M	6.36	333	5.3	25.2	14.9	88	24	7.4	100	173
5-14-88	18.3	-1.0	0.00	M	8.15	44	3.2	24.8	11.5	80	16	-4.7	100	177
5-15-88	27.1	7.1	0.00	M	5.21	181	6.4	22.6	14.5	71	31	4.2	107	186
5-16-88	20.1	5.5	0.76	M	3.39	300	7.4	18.1	14.2	84	28	5.3	110	191
5-17-88	17.9	5.2	0.00	M	7.57	2	4.1	23.9	12.4	84	20	0.3	111	195
5-18-88	21.8	2.9	0.00	M	8.13	136	5.3	23.7	13.1	86	15	-0.7	114	200
5-19-88	30.4	13.0	0.00	M	6.91	156	8.3	25.2	16.5	62	30	8.2	125	212
5-20-88	28.8	14.6	3.05	M	6.44	163	4.6	26.8	18.5	88	41	13.9	137	224
5-21-88	20.7	12.5	4.06	M	2.28	7	2.6	21.4	18.3	90	81	14.6	144	230
5-22-88	23.2	13.5	1.27	M	4.87	20	6.1	24.6	17.1	88	67	13.9	152	239
5-23-88	17.9	11.1	3.81	M	2.01	27	5.1	19.3	16.0	89	74	12.0	157	243
5-24-88	26.9	7.5	0.00	M	8.19	10	3.3	27.6	12.9	87	21	7.4	164	252
5-25-88	23.4	8.1	0.00	M	8.23	78	2.9	28.9	16.0	67	15	0.4	170	258
5-26-88	28.6	5.8	0.00	M	7.96	193	5.7	27.5	16.6	60	20	4.6	177	268
5-27-88	31.5	15.7	6.10	M	7.04	221	4.7	30.9	20.0	88	37	15.1	190	280
5-28-88	28.8	15.4	1.27	M	7.36	168	3.5	30.9	20.2	90	50	17.1	202	292
5-29-88	33.4	17.0	0.76	M	6.69	144	4.1	32.3	21.4	88	44	18.0	218	306
5-30-88	31.5	17.3	0.00	M	6.26	176	5.3	30.0	20.9	84	37	15.7	232	320
5-31-88	33.2	19.0	0.00	M	6.63	171	6.1	30.4	22.1	80	35	15.7	248	334
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	25.3	9.6	36.58	M	6.10	170	5.2	24.3	15.6	77	31	6.8	232	261

WESTPORT

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030
6-1-88	33.0	17.8	0.00	M	7.43	174	5.7	31.3	22.4	79	35	15.8	263	348
6-2-88	31.2	17.6	0.00	M	6.51	187	3.9	31.1	22.9	86	37	16.0	278	362
6-3-88	31.9	14.3	1.52	M	5.46	353	2.0	31.7	22.4	89	38	16.2	291	374
6-4-88	31.3	15.2	0.00	M	5.92	132	2.6	31.9	21.9	91	49	17.9	304	387
6-5-88	31.7	14.5	0.00	M	5.94	170	2.6	31.4	22.4	86	40	15.8	317	399
6-6-88	32.5	16.9	0.00	M	7.71	188	4.0	33.2	23.1	82	27	14.2	332	412
6-7-88	31.9	13.1	0.00	M	8.04	193	3.7	32.7	22.4	77	18	9.2	345	424
6-8-88	34.8	13.4	0.00	M	7.82	180	2.3	34.7	22.4	79	25	12.1	359	436
6-9-88	26.0	8.4	0.00	M	7.08	70	5.1	29.2	22.9	84	50	10.5	366	444
6-10-88	25.0	2.8	0.00	M	8.36	117	2.6	30.2	18.1	74	14	-0.8	370	451
6-11-88	28.6	5.9	0.00	M	8.03	187	3.6	29.9	19.0	73	13	1.3	377	460
6-12-88	31.7	11.0	0.00	M	7.43	181	5.6	29.8	20.3	61	20	6.7	388	471
6-13-88	34.9	16.1	0.00	M	6.29	175	4.0	31.4	22.4	77	28	12.1	404	484
6-14-88	30.8	17.8	0.00	M	6.06	241	2.6	32.3	24.0	85	50	17.6	418	498
6-15-88	24.5	14.3	6.10	M	6.35	263	5.0	28.7	23.5	89	67	16.5	427	507
6-16-88	25.4	11.5	0.00	M	7.48	304	3.9	30.6	20.4	88	36	11.7	436	516
6-17-88	27.4	8.0	0.00	M	8.35	69	2.6	32.6	19.7	91	32	9.4	444	524
6-18-88	27.4	13.8	0.00	M	7.89	153	4.9	31.4	22.3	84	56	15.3	454	535
6-19-88	34.7	14.9	0.51	M	6.44	183	5.4	31.1	22.7	88	44	18.7	469	547
6-20-88	37.3	17.8	0.25	M	8.29	277	3.4	35.4	24.7	86	12	15.5	487	561
6-21-88	36.3	15.3	0.00	M	8.53	109	2.7	36.4	24.6	83	11	9.0	502	574
6-22-88	35.1	22.2	0.00	M	4.31	133	4.8	31.9	27.0	81	38	17.2	521	590
6-23-88	29.2	15.9	0.00	M	8.00	11	4.6	33.4	25.5	82	16	10.1	533	602
6-24-88	27.3	13.7	1.27	M	4.74	151	4.2	28.5	23.9	85	42	13.4	544	613
6-25-88	38.6	17.7	0.00	M	8.00	194	4.2	35.4	23.3	86	35	19.0	562	627
6-26-88	27.3	13.6	0.00	M	8.45	348	5.6	33.2	26.3	85	43	13.0	573	637
6-27-88	28.4	11.9	0.00	M	8.30	69	2.1	34.0	23.2	87	32	10.8	583	647
6-28-88	30.5	12.6	0.00	M	8.23	174	4.1	33.0	23.9	84	33	12.7	594	659
6-29-88	30.8	14.9	0.00	M	7.14	100	5.7	33.7	25.5	83	41	14.0	607	671
6-30-88	25.6	13.1	0.00	M	5.74	98	5.2	28.9	23.7	83	18	6.0	616	680
	MEAN 30.7	MEAN 13.9	TOTL 9.65	TOTL M	MEAN 7.14	MEAN 173	MEAN 4.0	MEAN 32.0	MEAN 22.9	MEAN 83	MEAN 33	MEAN 12.6	TOTL 368	TOTL 346
7-1-88	26.4	8.4	0.00	M	8.19	110	3.6	30.4	20.7	72	16	4.1	624	689
7-2-88	26.3	8.7	0.25	M	5.07	14	2.4	29.2	21.3	81	27	8.1	631	697
7-3-88	29.1	14.3	0.00	M	7.95	213	1.9	32.9	22.2	84	27	10.4	643	708
7-4-88	30.5	12.0	0.00	M	8.00	186	4.0	31.8	22.9	85	33	12.9	654	719
7-5-88	36.4	15.9	0.00	M	7.63	170	5.6	33.0	24.1	84	43	19.2	670	732
7-6-88	36.7	23.3	0.00	M	7.66	183	6.9	34.5	26.8	73	35	19.3	690	749
7-7-88	37.9	25.1	0.00	M	7.69	183	7.8	35.2	28.0	70	34	19.8	712	767
7-8-88	34.5	16.2	4.83	M	7.20	236	5.1	37.0	28.4	85	46	18.4	727	780
7-9-88	30.1	16.0	0.00	M	5.49	247	2.0	32.7	24.8	87	37	15.9	740	793
7-10-88	30.7	15.9	0.00	M	5.80	258	2.5	33.3	24.1	88	38	17.0	754	806
7-11-88	25.6	12.2	0.00	M	7.77	343	4.3	31.3	23.7	87	39	11.2	762	815
7-12-88	27.6	8.1	0.00	M	8.03	38	1.9	33.5	21.7	88	31	9.5	770	823
7-13-88	29.4	9.6	1.78	M	7.47	155	5.6	30.9	22.7	87	36	12.6	780	833
7-14-88	33.1	16.1	5.59	M	8.08	280	4.1	34.1	23.8	93	22	15.6	794	846
7-15-88	34.0	12.9	0.00	M	7.82	134	3.3	35.2	23.2	87	21	12.2	808	858
7-16-88	36.2	16.6	0.00	M	7.37	304	4.4	37.0	27.7	83	40	19.4	824	871
7-17-88	31.8	13.2	0.00	M	8.05	352	2.3	36.0	24.7	81	15	10.1	837	882
7-18-88	30.2	15.5	0.00	M	6.50	9	3.5	34.3	26.6	71	17	9.2	849	895
7-19-88	29.8	15.2	0.00	M	7.55	326	2.4	34.6	25.3	71	21	9.5	862	908
7-20-88	26.6	15.6	0.76	M	5.00	209	3.3	30.8	25.2	84	45	13.9	873	919
7-21-88	24.6	12.7	8.89	M	5.69	339	2.9	29.2	22.4	89	44	12.9	882	927
7-22-88	30.0	12.0	0.00	M	7.49	0	1.8	34.7	20.6	88	29	12.6	893	938
7-23-88	31.3	11.9	0.00	M	7.86	193	2.5	35.2	22.9	87	25	12.1	904	949
7-24-88	31.5	14.1	1.27	M	7.16	192	3.6	33.9	24.1	85	35	14.5	917	961
7-25-88	28.5	14.0	0.00	M	7.68	344	3.1	33.9	24.1	86	34	13.0	928	973
7-26-88	29.9	11.1	0.00	M	7.86	11	2.1	34.8	22.8	86	26	10.8	939	983
7-27-88	35.3	14.9	0.00	M	7.05	232	2.7	35.3	25.1	74	15	11.9	954	996
7-28-88	36.9	17.1	0.00	M	7.68	214	4.4	35.7	26.1	81	13	13.1	971	1009
7-29-88	35.9	20.8	0.00	M	7.01	203	6.0	34.7	27.1	69	32	16.2	989	1025
7-30-88	35.8	16.8	0.51	M	6.82	247	4.2	35.6	27.6	84	38	18.7	1006	1038
7-31-88	32.7	13.8	0.00	M	7.61	344	1.9	36.6	25.5	86	17	10.3	1019	1050
	MEAN 31.5	MEAN 14.5	TOTL 23.88	TOTL M	MEAN 7.23	MEAN 202	MEAN 3.6	MEAN 33.8	MEAN 24.4	MEAN 82	MEAN 30	MEAN 13.4	TOTL 403	TOTL 370

WESTPORT

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030
8-1-88	38.4	21.0	0.00	M	5.45	168	5.0	34.6	28.2	59	11	12.3	1039	1065
8-2-88	37.2	19.3	3.05	M	6.64	133	5.9	34.6	27.0	86	23	16.8	1057	1080
8-3-88	29.1	18.9	27.69	M	3.49	103	2.5	30.7	24.9	98	64	19.7	1071	1094
8-4-88	28.1	19.5	24.13	M	2.95	49	2.3	28.2	24.2	98	68	20.0	1085	1108
8-5-88	25.6	16.8	0.51	M	5.08	345	3.6	27.9	22.5	82	55	15.0	1096	1119
8-6-88	29.4	13.8	0.00	M	7.38	268	3.2	30.7	20.2	83	29	13.5	1107	1131
8-7-88	34.3	15.8	0.00	M	7.04	189	4.0	34.1	21.7	82	35	16.7	1122	1144
8-8-88	33.2	18.3	1.27	M	5.00	206	5.4	34.9	25.7	80	51	18.2	1138	1158
8-9-88	26.1	13.7	0.00	M	7.01	7	3.0	33.8	22.3	83	43	13.6	1148	1168
8-10-88	29.3	10.8	0.00	M	7.29	214	2.2	34.4	21.9	84	38	12.7	1158	1178
8-11-88	32.8	19.3	0.00	M	7.05	187	5.5	34.6	24.7	79	43	18.3	1174	1192
8-12-88	35.8	17.1	0.76	M	5.59	153	4.8	34.4	26.3	98	38	20.1	1191	1206
8-13-88	26.3	18.3	1.27	M	6.11	161	5.4	30.3	23.2	95	57	24.2	1203	1218
8-14-88	26.6	20.5	0.76	M	2.56	252	3.3	27.6	23.3	99	73	20.4	1216	1232
8-15-88	30.4	19.5	5.08	M	6.88	301	1.8	30.8	21.6	97	11	18.8	1231	1246
8-16-88	34.6	17.7	0.00	M	6.73	160	4.1	30.1	22.3	99	66	23.4	1248	1260
8-17-88	37.3	22.7	0.00	M	6.58	207	4.5	32.9	24.6	96	43	23.5	1267	1277
8-18-88	27.2	17.8	0.00	M	3.85	21	3.4	30.1	24.7	98	78	21.9	1280	1289
8-19-88	21.4	16.7	0.00	M	2.32	58	3.9	24.7	21.6	94	75	15.7	1289	1298
8-20-88	26.0	14.7	0.00	M	4.44	103	2.1	28.3	20.4	98	69	16.8	1299	1308
8-21-88	27.7	16.1	0.00	M	5.51	172	3.1	30.0	20.5	100	67	19.5	1311	1320
8-22-88	25.4	19.1	6.35	M	1.54	152	5.3	24.7	22.3	97	83	20.1	1323	1333
8-23-88	26.1	15.6	23.62	M	3.18	123	2.1	27.3	21.9	100	76	20.8	1334	1343
8-24-88	24.3	13.9	0.25	M	5.92	290	3.9	24.3	18.7	100	56	16.0	1343	1353
8-25-88	26.9	11.7	0.00	M	6.55	303	3.4	25.1	17.3	95	46	14.2	1353	1362
8-26-88	22.0	10.6	0.00	M	6.08	326	4.4	23.6	17.7	95	51	11.3	1359	1368
8-27-88	24.7	8.2	0.25	M	5.23	232	2.5	24.9	15.8	100	40	11.5	1365	1375
8-28-88	18.9	8.0	0.00	M	6.38	320	4.6	24.2	17.2	97	44	9.8	1369	1380
8-29-88	19.2	5.3	0.00	M	4.89	312	3.0	22.4	14.5	100	56	8.6	1371	1385
8-30-88	21.7	5.3	0.00	M	6.22	9	1.7	26.6	14.1	91	47	9.4	1375	1390
8-31-88	25.1	7.5	0.00	M	6.39	124	2.7	28.0	15.4	91	40	10.9	1381	1398

MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
28.1	15.3	94.99	M	5.40	182	3.6	29.3	21.5	92	51	16.6	362	348

9-1-88	28.5	12.6	0.00	M	4.32	158	4.2	27.0	18.0	96	60	16.6	1392	1408
9-2-88	26.6	13.6	9.65	M	5.82	240	3.0	27.1	20.7	99	54	17.9	1402	1419
9-3-88	22.9	12.3	0.00	M	4.33	308	3.4	24.8	18.1	99	53	12.9	1409	1426
9-4-88	19.3	13.4	2.54	M	3.22	354	5.1	21.3	17.9	98	76	13.9	1416	1432
9-5-88	20.9	5.4	0.00	M	5.80	0	4.8	25.0	15.9	99	48	11.4	1419	1438
9-6-88	19.0	4.4	0.00	M	5.36	334	2.4	24.7	13.9	100	46	7.4	1420	1442
9-7-88	24.0	2.3	0.00	M	6.14	170	1.8	27.1	13.5	100	36	7.4	1424	1449
9-8-88	25.8	9.1	0.51	M	5.29	177	5.0	25.6	16.2	95	43	11.0	1431	1457
9-9-88	21.4	7.2	0.00	M	5.13	296	3.6	24.7	17.1	100	26	7.8	1435	1463
9-10-88	24.3	3.9	0.00	M	5.57	270	2.9	25.3	14.1	92	27	5.4	1439	1470
9-11-88	20.9	5.5	0.00	M	2.43	99	3.3	20.8	15.0	96	51	8.6	1442	1476
9-12-88	30.7	16.1	0.25	M	4.62	181	5.8	27.9	18.5	98	48	15.8	1456	1489
9-13-88	16.3	4.0	0.25	M	2.84	331	4.7	22.7	16.4	100	78	10.7	1456	1492
9-14-88	24.3	3.1	0.00	M	5.62	262	2.7	25.1	13.2	100	35	8.1	1460	1499
9-15-88	22.2	4.7	0.00	M	5.18	67	1.9	26.4	14.5	95	33	6.9	1463	1505
9-16-88	15.9	12.3	27.43	M	0.99	119	4.3	20.2	16.4	100	70	12.1	1467	1509
9-17-88	25.0	14.2	11.68	M	2.08	166	3.3	20.6	15.9	100	89	17.7	1477	1519
9-18-88	28.4	12.0	0.25	M	5.03	142	2.4	23.8	14.7	100	57	17.7	1487	1529
9-19-88	29.0	15.0	0.00	M	3.53	143	3.8	24.7	17.6	99	68	20.2	1499	1541
9-20-88	25.0	8.4	13.72	M	0.54	337	6.5	21.7	14.7	100	89	17.7	1506	1548
9-21-88	11.4	6.0	0.00	M	3.06	322	5.0	17.1	12.8	98	85	7.2	1506	1549
9-22-88	16.9	7.3	0.00	M	2.66	112	3.2	18.2	12.9	98	83	10.7	1508	1553
9-23-88	17.5	7.1	0.00	M	2.47	309	3.2	18.7	13.3	98	75	12.7	1510	1556
9-24-88	20.7	4.5	0.00	M	5.08	267	2.7	19.3	10.5	96	36	5.8	1513	1562
9-25-88	24.2	6.6	0.00	M	4.44	200	4.3	21.0	12.2	93	41	8.7	1518	1569
9-26-88	16.5	5.5	0.00	M	4.04	66	3.0	19.7	11.9	99	64	8.6	1519	1572
9-27-88	24.6	8.9	0.00	M	4.60	284	2.8	23.5	13.5	98	53	12.5	1526	1579
9-28-88	13.4	6.2	0.00	M	3.35	26	3.3	19.4	12.9	99	73	7.9	1526	1581
9-29-88	19.5	7.2	33.78	M	0.31	93	4.6	14.1	11.7	100	89	12.3	1529	1586
9-30-88	27.5	18.8	0.25	M	0.83	55	2.2	15.0	12.1	100	95	22.8	1542	1599

MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
22.1	8.6	100.31	M	3.82	196	3.6	22.4	14.9	98	59	11.9	161	201

WESTPORT

DATE	MAX AIR TEMP	MIN AIR TEMP	PRE	PAN	SOL	WIND DIR	WIND S.P	MAX SOIL TEMP	MIN SOIL TEMP	MAX RH	MIN RH	MEAN DEW PNT.	ACCM D.D. BASE 10	ACCM D.D. BASE 1030
10-1-88	17.9	9.7	0.00	M	1.96	217	2.2	18.5	14.0	99	81	22.1	1546	1603
10-2-88	18.5	4.2	0.25	M	4.27	333	3.7	18.4	11.9	99	47	8.6	1548	1607
10-3-88	14.2	0.4	0.00	M	4.36	327	2.7	16.2	8.6	100	52	3.4	1548	1609
10-4-88	9.1	1.3	0.00	M	4.35	336	5.3	14.0	8.1	99	55	1.3	1548	1609
10-5-88	9.4	-3.2	0.00	M	4.53	360	3.3	13.9	5.8	97	47	-2.1	1548	1609
10-6-88	12.7	-4.4	0.00	M	4.28	182	1.3	15.2	5.7	100	42	-0.7	1548	1611
10-7-88	15.2	-3.0	0.00	M	4.33	220	2.0	15.1	6.6	97	33	-0.4	1548	1613
10-8-88	17.7	0.8	0.00	M	4.08	246	2.9	16.2	7.6	99	53	5.8	1548	1617
10-9-88	20.1	2.9	0.00	M	4.04	234	1.6	18.0	8.2	100	47	7.0	1549	1622
10-10-88	22.4	2.8	0.00	M	3.99	272	2.4	18.3	8.9	100	35	6.5	1552	1628
10-11-88	13.4	4.3	0.00	M	4.12	328	5.8	15.9	10.1	74	49	2.7	1552	1630
10-12-88	9.6	-2.5	0.00	M	4.03	340	3.2	14.4	6.9	96	49	-1.1	1552	1630
10-13-88	12.1	-5.3	0.00	M	3.90	141	2.2	14.7	5.4	98	44	-1.7	1552	1631
10-14-88	20.1	-1.0	0.00	M	3.78	170	4.2	15.7	6.1	86	41	2.4	1552	1636
10-15-88	25.8	0.7	0.00	M	3.76	179	1.8	19.3	8.1	100	43	8.7	1555	1644
10-16-88	22.2	4.9	0.51	M	2.56	251	2.0	17.9	10.6	99	52	10.6	1558	1650
10-17-88	15.1	5.2	0.00	M	3.65	300	4.0	17.1	12.1	98	45	6.7	1559	1653
10-18-88	8.6	-0.8	9.91	M	1.15	4	3.6	12.3	7.5	100	74	4.2	1559	1653
10-19-88	10.3	-1.3	1.02	M	2.63	289	3.7	10.9	6.1	100	71	2.7	1559	1653
10-20-88	10.6	-2.1	0.25	M	2.94	257	2.1	11.1	4.9	100	55	0.8	1559	1653
10-21-88	13.9	-0.2	7.11	M	0.47	186	2.9	9.0	6.0	100	92	7.1	1559	1655
10-22-88	9.7	-3.6	0.00	M	3.39	323	3.8	11.0	6.1	100	66	2.8	1559	1655
10-23-88	11.0	-3.8	0.00	M	2.81	161	5.4	9.1	4.3	100	56	2.0	1559	1656
10-24-88	7.5	-3.5	0.00	M	1.15	317	7.5	8.5	4.5	93	68	-2.3	1559	1656
10-25-88	5.1	-4.8	0.00	M	3.23	319	4.4	6.7	3.1	96	50	-4.4	1559	1656
10-26-88	2.5	-7.6	0.00	M	3.02	314	4.6	4.6	2.9	95	53	-5.6	1559	1656
10-27-88	7.2	-9.3	0.00	M	2.70	147	2.8	4.4	2.3	97	37	-6.1	1559	1656
10-28-88	5.1	-3.6	3.30	M	0.62	301	7.6	4.9	3.6	99	60	-1.0	1559	1656
10-29-88	-2.2	-8.3	0.00	M	3.18	305	5.8	3.6	2.4	87	65	-8.3	1559	1656
10-30-88	2.1	-10.2	0.00	M	2.95	314	1.7	2.4	1.5	94	41	-10.0	1559	1656
10-31-88	7.9	-9.4	0.00	M	3.01	183	5.0	2.0	1.6	94	39	-7.1	1559	1656
MEAN	12.1	-1.6	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
			22.35	M	3.20	253	3.6	12.2	6.5	97	53	1.8	17	57

