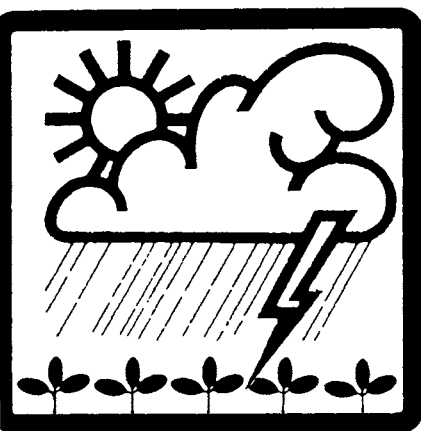


## MINNESOTA AGRICULTURAL EXPERIMENT STATION

UNIVERSITY OF MINNESOTA  
DOCUMENTS

MAY 6 1991

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**C. A. W. A. P. \***

**1990 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

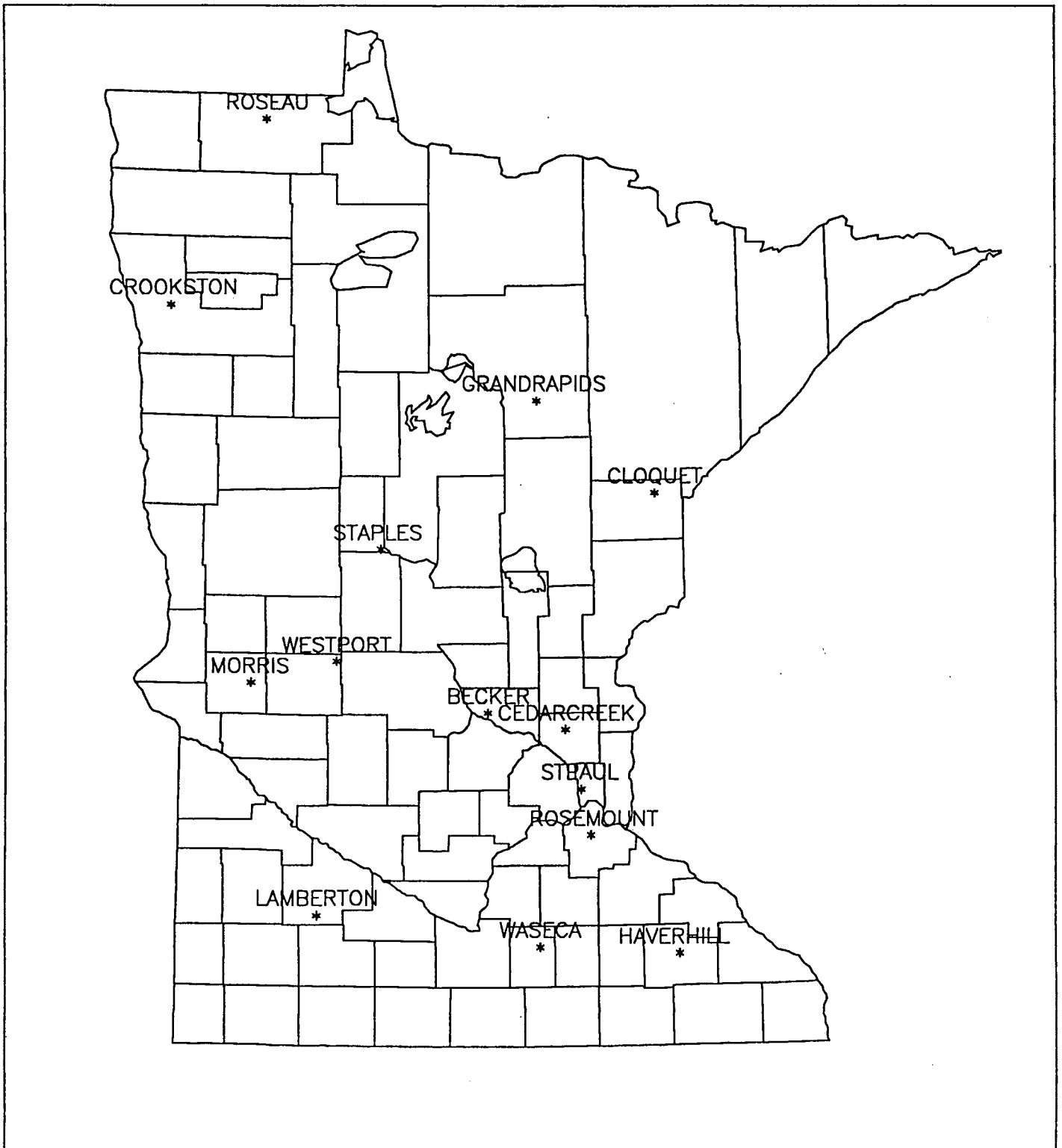
**\*University of Minnesota Cooperative  
Agricultural Weather Advisory Program**

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

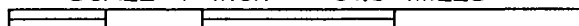
**M.J. Menne and M.W. Seeley**

This archival publication may not reflect current scientific knowledge or recommendations.  
Current information available from University of Minnesota Extension: <http://www.extension.umn.edu>

# WEATHER STATION LOCATIONS



SCALE 1 inch = 57.5 MILES



## TABLE OF CONTENTS

1990 Cropping Summary	p. 2
Variable Descriptions	p. 3
Acknowledgements	p. 5
Measurement Notes	p. 5
Observing Practices	p. 7
Useful Conversions	p. 8
Monthly Tables (Totals and Departures)	p. 9
1990 Temperature and Precipitation Graphs (Actual vs. 30-Year Normal)	p. 15
1990 Daily and Monthly Data	p. 22

## CLIMATE SUMMARY FOR THE 1990 CROPPING SEASON

In early spring of 1990, prospects for a good cropping season seemed very poor. The fall rains of 1989 had produced inadequate soil moisture recharge in most areas of the state, and a severe cold spell in late November and December, along with little snow cover, provoked deep penetration of soil frost and threatened to cause extensive winterkill of pasture and forage crops. In addition, surveys showed a tremendous number of overwintering grasshopper eggs and unusually high populations were expected to emerge during the 1990 cropping season.

However, most of the state experienced an extraordinarily warm and wet March and April which drove out the soil frost early and helped recharge the soil moisture profile just prior to the planting season. In fact, southeastern Minnesota received some record-setting rains in the spring which caused delays in the field working season. In sharp contrast, areas of western and northwestern Minnesota did not benefit as significantly from the warm and wet early spring and began the cropping season short of soil moisture reserves. Winterkill on pasture and alfalfa fields was very evident in some areas of the state due to the combined effects of very cold winter temperatures (lethal to the crown of some plants) and large fluctuations of temperature during the early spring (causing plants to break dormancy early only to be frozen again).

The spring weather, especially during May, proved to be an ally against the threat from grasshoppers. Recurring spells of cold and wet weather during the month contributed to a very high mortality rate among the emerging grasshopper nymphs. Some overnight temperatures dropped into the low to middle 20s. These low temperatures however also contributed to some herbicide injury following application.

The wet/dry contrast between southeastern and northwestern Minnesota became more extreme throughout the summer months. Near record seasonal rainfall totals occurred in parts of the southeast, while moisture deficits accumulated in northwestern counties. After over 40 consecutive months of drought or near-drought conditions, much of the state returned to near normal hydrological conditions, with the exception of northwestern Minnesota.

Overall, the 1990 harvest season was an excellent one with a greater than normal number of field working days. Due to late planting and/or cooler than normal conditions in May and July, some areas had late-maturing crop stands, but little frost damage occurred even on late crops. Field drying conditions were excellent. Concerns remain for western and northwestern Minnesota counties which continued to experience drought conditions throughout the balance of the calendar year.

UNIVERSITY OF MINNESOTA FIELD RESEARCH LOCATIONS  
1990 GROWING SEASON CLIMATIC DATA

The following data characterize the environmental conditions during the 1989 growing season at 13 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 so as to represent the general environment at each research location. Effort was made to standardize instrument type, placement, orientation, and frequency of readings so 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
AIR MAX	Maximum air temperature in degrees Celsius from a shielded thermistor placed 1.5 meters above the ground.
AIR MIN	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.
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 (kW hr/m <sup>2</sup> ).
WIND DIR	Mean wind direction for the date, expressed in degrees ranging from 0 to 360, at a measurement height of 3 meters.
WIND SPD	Mean wind speed for the date, expressed as meters per second (m/sec), at a measurement height of 3 meters.
SOIL MAX	Soil maximum temperature in degrees Celsius at a depth of 10 cm under bare soil.

SOIL MIN	Soil minimum temperature in degrees Celsius at a depth of 10 cm under bare soil.
RH MAX	Maximum relative humidity in percent (%).
RH MIN	Minimum relative humidity in percent (%).
VAP PRES	Mean vapor pressure, or partial atmospheric pressure due to the presence of water vapor in the air, expressed as kilopascals (kPa) and measured at a height of 1.5 meters.
GDD	Accumulated degree day above a specified temperature (4.44, 7.22, 10, or 10/30 °C), often related to phenological events.

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Monthly means or totals for each type of measurement are given 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 telephone line transmission errors. Asterisk is used following dates when data shown represent manual observations recorded from standard National Weather Service instruments which differ in some way from the usual set of electronic instruments used to make measurements on most dates. Data marked by an asterisk may also differ in time of observation. For dates listed without an asterisk, electronic measurements were summarized as means and totals on a midnight to midnight basis. Other discrepancies are explained in the detailed measurement notes on page 7.

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 and questions related to interpretation, or for access to more detailed hourly data sets, users may call the Minnesota Extension Climatology Office @ 612-625-4724.

Erratum - 1989 CAWAP Report

Solar radiation values at Rosemount from June 16 - July 26 are incorrect.

\*\*\*\*\*

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

Personnel	Location
Mel Wiens/Shelly Notch	Staples
Glen Titrud/Tony Schenk	Becker
Karen Schuller/Clifford Wilcox/USDA-ARS staff	Rosemount
Vernon Ferch/Brain Anderson/Arielle Balak/ Gyles Randall	Waseca
Tony Strasser/Carol Theis/Dennis Fuchs	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
Kevin Betts	Roseau
USDA-SCS/Center for Agricultural Impacts on Water Quality	Westport
Gyles Randall/Brian Anderson	Haverhill

\*\*\*\*\*

MEASUREMENT NOTES

1. Temperature and degree day normals shown in Tables 1-6 were corrected for 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. 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 8 am observations were lagged one day since the majority of evaporation occurred on the previous calendar date.
3. Daily evaporation measurements were not always taken at Becker and Staples. For selected periods of 2 or more days total evaporation was divided equally among the number of days between measurements, or daily estimates were made based on solar radiation, temperature, or other pan evaporation data.



4. Following the last date in each month, a monthly summary is given for each measurement using "MEAN" or "TOTL". An "M" indicates missing or insufficient data.
5. Periodic missing data generally indicate instrument failure. For dates marked with 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 estimation or air temperatures were made using standard mercury and alcohol thermometers.
6. Except for the base 10/30 (1030) degree C method, all degree days (GDD) were calculated using the method

$$[(T_{\max} + T_{\min})/2] - B = \text{growing degree days (GDD)}$$

where B represents a base temperature value of 4.44, 7.22, or 10.0 degrees C. For the base 10/30 method, minimum temperatures below 10 degrees C and maximum temperatures above 30 degrees C are reset to 10 and 30 degrees C respectively, and are then used to calculate daily growing degrees. For example, a day with a minimum temperature of 8 °C and a maximum of 33 °C would have 10 growing degree days.

$$[(30 + 10)/2] - 10 = 10$$

7. Extraordinary pan evaporation values in excess of 12 mm may be due to measurement error, or splash loss cause by strong winds, intense rainfall, of hail.
8. Due to the surrounding forested environment, data from Cloquet, Grand Rapids, and Cedar Creek Natural History Center may not be extrapolated over distance as well as those data with more homogeneous surroundings.
9. To avoid sheltering by surrounding trees at Cloquet, the wind and solar radiation instruments were moved to the top of a 10 meter tower on 23 October, 1989.

OBSERVING PRACTICES

Station	Daily Precip From	Recording Time	Normals Based On Temp	Normals Based On Precip
Becker	o/s	8am	St Cloud	Elk River
Cedar Creek	o/s	12am	Cambridge	Elk River
Cloquet	o/s	4pm	o/s	o/s
Crookston	o/s	8am	o/s	o/s
Grand Rapids	o/s	8am	o/s	o/s
Haverhill	o/s	12am	Rochester	Rochester
Lamberton	o/s	8am	Springfield	o/s
Morris	o/s	8am	o/s	o/s
Roseau	o/s	12am	o/s	o/s
Rosemount	o/s	5pm	o/s	o/s
St Paul	o/s	5pm	MSP Airport	MSP Airport
Staples	o/s	8am	Wadena	Wadena
Waseca	o/s	8am	o/s	o/s
Westport	o/s	12am	Glenwood	Alexandria

Notes on Recordings

- 1 o/s ; records based from on-site readings.
- 2 Daily precipitation totals at 8 am are "thrown back" to the previous day.
- 3 All precipitation records are from NWS stick gauge sites except for Cedar Creek, Haverhill, Roseau, and Westport where precipitation was predominately measured by a Sierra Tipping Bucket.
- 4 Soil temperatures recorded at a depth of 10cm.
- 5 Estimated readings from a neighboring site are denoted "\*".
- 6 Missing or incomplete readings are denoted "M".

7 Lambertson normals are based on the period 1960-82.

8 St Paul normals are based on the period 1961-80.

9 All other normals are based on the period 1951-80.

#### CONVERSIONS

$$(9/5 * ^\circ\text{C}) + 32 = ^\circ\text{F} \qquad 5/9 * (^\circ\text{F} - 32) = ^\circ\text{C}$$

$$1 \text{ kWhr} = 86.12 \text{ Lys (cal/cm}^2\text{)}$$

$$1 \text{ MJ/m}^2 = 0.277 \text{ kWhrs} = 23.9 \text{ Lys}$$

$$1 \text{ inch} = 25.4 \text{ mm}$$

$$1 \text{ m/s} = 2.237 \text{ mph}$$

TABLE 1.

MEAN MONTHLY TEMPERATURE AND DEPARTURE FROM NORMAL  
(DEGREES CELSIUS)

	APR	MAY	JUN	JUL	AUG	SEP	OCT
BECKER	7.4	13.1	20.5	21.6	21.2	16.9	7.9
DEP. (1)	+1.3	-0.1	+2.2	+0.6	+1.6	+2.8	-0.3
CEDAR CREEK	7.1	12.3	20.8	21.6	21.7	17.0	7.4
DEP. (2)	+0.7	-1.1	+2.2	+0.4	+1.9	+2.8	-1.0
CLOQUET	4.9	9.7	17.0	19.0	18.8	14.0	5.2
DEP.	+1.4	-0.4	1.7	+0.4	+1.6	+2.2	-1.1
CROOKSTON	6.0	12.7	19.5	20.7	21.7	15.9	6.8
DEP.	+1.3	+0.5	+1.9	+0.4	+2.2	+2.1	-0.5
GRAND RAPIDS	4.8	10.7	17.9	19.4	19.7	14.0	5.7
DEP.	+0.7	-0.3	+1.7	+0.6	+2.3	+2.2	-0.7
HAVERHILL	7.5	12.1	19.7	20.8	21.1	17.4	8.3
DEP. (3)	+0.5	-1.7	+0.5	-0.7	+0.9	+2.3	-1.0
LAMBERTON	7.9	14.0	21.5	21.8	21.6	17.9	8.6
DEP. (4)	+0.4	-0.5	+1.4	-0.3	+1.0	+2.5	-1.1
MORRIS	6.7	13.4	19.8	21.5	21.8	17.6	7.5
DEP.	+0.7	-0.0	+0.9	+0.2	+1.5	+3.3	-0.8
ROSEAU	3.7	10.3	17.6	18.6	19.6	13.9	4.8
DEP.	+0.5	-0.3	+1.5	-0.1	+2.3	+2.5	-0.9
ROSEMOUNT	8.4	13.9	21.9	21.2	20.6	16.9	8.2
DEP.	+2.0	+0.6	+3.1	-0.1	+0.7	+2.3	-0.4
ST. PAUL	9.0	13.6	20.8	21.9	21.6	18.1	9.4
DEP. (5)	+0.4	-2.1	-0.0	-1.6	-0.6	+1.2	-1.2
STAPLES	5.0	11.7	17.7	18.5	19.3	15.0	6.2
DEP. (6)	-0.1	-0.7	-0.0	-1.9	0.0	+1.6	-1.2
WASECA	7.7	13.3	21.0	21.5	21.5	17.7	8.8
DEP.	+0.8	-0.5	+1.8	+0.1	+1.4	+2.9	-0.1
WESTPORT	6.0	12.2	19.1	20.2	19.8	15.6	6.9
DEP.	0.0	-1.0	+0.6	-1.2	-0.4	+1.2	-1.5

- (1) DEPARTURE FROM ST. CLOUD NORMALS  
(2) DEPARTURE FROM CAMBRIDGE NORMALS  
(3) DEPARTURE FROM ROCHESTER NORMALS  
(4) DEPARTURE FROM SPRINGFIELD NORMALS  
(5) DEPARTURE FROM MINNEAPOLIS/ST. PAUL INTNL. AIRPORT NORMALS  
(6) 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	67.3	98.8	233.0	162.8	177.0	50.0	80.5
DEP. (1)	+14.5	+6.3	+121.0	+68.8	+65.8	-23.4	+30.7
CEDAR CREEK	86.1	106.3	245.1	161.9	178.0	47.9	67.9
DEP. (1)	+33.3	+13.8	+133.1	+67.9	+66.8	-25.5	+18.1
CLOQUET	91.9	57.2	133.3	79.2	110.5	269.7	94.8
DEP.	+39.1	-29.4	+29.2	-31.8	+7.9	+185.6	+38.9
CROOKSTON	56.4	18.2	148.1	12.3	76.6	23.2	13.5
DEP.	+21.1	-37.7	+56.4	-68.2	-0.6	-36.0	-21.8
GRAND RAPIDS	54.0	24.5	114.6	82.2	54.3	84.6	109.2
DEP.	+3.5	-55.8	+18.3	-22.5	-31.6	+8.7	+57.9
LAWLER	165.2	120.6	149.6	281.0	88.0	35.5	51.5
DEP. (2)	+99.9	+29.7	+43.4	+184.0	-7.0	-39.7	-2.1
LAMBERTON	42.8	115.1	85.9	70.3	132.4	30.4	50.1
DEP. (3)	-21.0	+33.6	-0.5	-25.5	+68.1	-40.5	-8.9
MORRIS	47.9	41.7	131.1	30.7	41.6	54.7	40.6
DEP.	-14.3	-32.2	+31.8	-52.9	-37.9	+6.2	-6.4
ROSEAU	27.7	32.1	80.9	60.2	30.0	18.5	4.0
DEP.	-5.6	-25.3	-3.2	-27.9	-49.0	-47.3	-27.8
ROSEMOUNT	95.8	128.0	239.8	172.8	38.0	47.9	40.2
DEP.	+33.3	+34.3	+118.6	+71.5	-71.0	-32.6	-16.2
ST. PAUL	84.5	97.1	235.3	174.5	55.6	42.8	39.7
DEP. (4)	+22.8	+5.9	+123.8	+83.6	-41.7	-34.7	-21.5
STAPLES	48.7	53.4	117.3	66.0	41.7	63.6	82.1
DEP. (5)	-14.3	-23.1	+5.5	-35.1	-45.7	+0.6	+36.4
WASECA	70.2	135.0	169.7	156.1	163.3	38.1	37.0
DEP.	+3.1	+39.5	+55.9	+54.0	+61.7	-47.2	-16.1
WESTPORT	105.9	53.4	184.8	78.7	60.1	63.8	101.7
DEP.	+50.5	-20.8	+81.4	+1.5	-31.3	+6.1	+53.7

- (1) DEPARTURE FROM ELK RIVER NORMALS  
(2) DEPARTURE FROM ROCHESTER NORMALS  
(3) DEPARTURE FROM 1960 - 1982 AVERAGE  
(4) DEPARTURE FROM 1961 - 1980 AVERAGE  
(5) 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	133	269	482	533	520	375	114
DEP. (1)	+35	-5	+65	+20	+50	+85	-30
CEDAR	134	246	490	532	535	376	106
DEP. (2)	+33	-34	+67	+12	+60	+83	-42
CLOQUET	99	165	377	451	445	285	57
DEP.	+50	-17	+50	+12	+48	+63	-42
CROOKSTON	114	265	456	503	538	344	98
DEP.	+38	+21	+63	+11	+73	+72	-24
GRAND RAPIDS	100	197	404	465	472	288	70
DEP.	+39	-15	+52	+19	+72	+64	-34
HAVERHILL	138	237	460	506	517	389	132
DEP. (3)	+26	-55	+17	-23	+28	+69	-38
LAMBERTON	143	297	513	538	531	403	133
DEP. (4)	+25	-14	+44	-7	+31	+69	-43
MORRIS	123	278	462	530	537	395	104
DEP.	+20	-2	+30	+9	+50	+96	-37
ROSEAU	86	190	395	440	471	283	54
DEP.	+26	-13	+46	-1	+74	+71	-41
ROSEMOUNT	156	294	527	522	500	375	125
DEP.	+54	+16	+98	+1	+23	+70	-33
ST. PAUL	166	284	490	543	533	411	157
DEP. (5)	+34	-36	+22	-27	+6	+71	-24
STAPLES	113	226	398	435	461	316	76
DEP. (6)	+34	-23	-2	-59	+1	+50	-49
WASECA	143	273	496	529	528	398	142
DEP.	+40	-20	+54	+6	+49	+85	-18
WESTPORT	113	241	441	489	477	336	91
DEP.	+20	-32	+19	-35	-10	+38	-56

(1) DEPARTURE FROM ST. CLOUD NORMALS

(2) DEPARTURE FROM CAMBRIDGE NORMALS

(3) DEPARTURE FROM ROCHESTER NORMALS

(4) DEPARTURE FROM SPRINGFIELD NORMALS

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

(6) 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 4.

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

	APR	MAY	JUN	JUL	AUG	SEP	OCT
BECKER	97	187	399	446	434	291	61
DEP. (1)	+43	-7	+66	+19	+50	+83	-25
CEDAR CREEK	98	166	406	445	449	293	50
DEP. (2)	+41	-33	+66	+11	+60	+82	-41
CLOQUET	71	90	294	365	358	203	19
DEP.	+51	-22	+51	+12	+47	+61	-34
CROOKSTON	87	189	373	417	450	262	52
DEP.	+46	+21	+62	+11	+71	+70	-21
GRAND RAPIDS	75	119	321	379	386	205	27
DEP.	+45	-22	+52	+19	+72	+60	-31
HAVERHILL	95	154	376	420	431	305	74
DEP. (3)	+31	-57	+16	-23	+28	+68	-35
LAMBERTON	104	213	429	452	445	321	74
DEP. (4)	+39	-14	+43	-7	+31	+71	-37
MORRIS	88	195	379	444	451	311	58
DEP.	+29	-6	+30	+10	+50	+94	-27
ROSEAU	64	123	311	354	385	203	23
DEP.	+34	-11	+45	-1	+74	+66	-30
ROSEMOUNT	112	211	444	435	414	292	63
DEP.	+54	+13	+99	0	+23	+70	-36
ST. PAUL	118	202	406	456	447	328	92
DEP. (5)	+38	-35	+21	-28	+6	+71	-24
STAPLES	81	147	314	349	389	220	35
DEP. (6)	+38	-23	-2	-58	+15	+34	-38
WASECA	104	189	413	443	442	321	75
DEP.	+49	-21	+54	+6	+49	+90	-24
WESTPORT	82	158	358	403	391	254	47
DEP.	+31	-34	+20	-35	-10	+39	-42

(1) DEPARTURE FROM ST. CLOUD NORMALS

(2) DEPARTURE FROM CAMBRIDGE NORMALS

(3) DEPARTURE FROM ROCHESTER NORMALS

(4) DEPARTURE FROM SPRINGFIELD NORMALS

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

(6) 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 5.

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

	APR	MAY	JUN	JUL	AUG	SEP	OCT
BECKER	70	113	317	360	347	213	27
DEP. (1)	+46	-10	+66	+19	+49	+81	-18
CEDAR CREEK	72	96	325	359	363	214	19
DEP. (2)	+45	-31	+68	+11	+60	+75	-30
CLOQUET	48	29	218	272	271	133	3
DEP.	+42	-30	+57	+5	+46	+57	-21
CROOKSTON	65	119	290	331	364	190	23
DEP.	+47	+15	+63	+11	+72	+70	-14
GRAND RAPIDS	53	55	238	293	300	133	4
DEP.	+41	-28	+51	+19	+72	+54	-22
HAVERHILL	66	82	296	333	345	228	30
DEP. (3)	+35	-57	+19	-23	+28	+72	-32
LAMBERTON	78	134	349	366	358	242	38
DEP. (4)	+48	-15	+46	+21	+56	+109	-26
MORRIS	65	123	297	327	365	232	28
DEP.	+36	-7	+31	+9	+49	+90	-17
ROSEAU	44	70	229	268	299	136	6
DEP.	+32	-10	+45	-1	+73	+60	-19
ROSEMOUNT	83	134	361	349	328	212	22
DEP.	+56	+7	+99	+1	+23	+71	-33
ST. PAUL	82	126	323	370	361	247	43
DEP. (5)	+40	-35	+21	-28	+6	+32	-56
STAPLES	59	78	232	263	289	161	12
DEP. (6)	+37	-27	+26	-58	+1	+47	-26
WASECA	76	113	332	357	356	236	38
DEP.	+24	-21	+56	+6	+48	+86	-16
WESTPORT	59	91	275	317	304	180	18
DEP.	+36	-31	+22	-35	-11	+42	-29

(1) DEPARTURE FROM ST. CLOUD NORMALS

(2) DEPARTURE FROM CAMBRIDGE NORMALS

(3) DEPARTURE FROM ROCHESTER NORMALS

(4) DEPARTURE FROM SPRINGFIELD NORMALS

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

(6) 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 6.

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

	APR	MAY	JUN	JUL	AUG	SEP	OCT
BECKER	95	154	318	354	346	234	74
DEP. (1)	+44	+2	+62	+15	+47	+75	-1
CEDAR CREEK	99	161	318	352	357	241	77
DEP. (2)	+47	+5	+57	+9	+53	+80	-1
CLOQUET	75	117	226	284	282	169	43
DEP.	+51	+23	+44	+14	+48	+55	-8
CROOKSTON	83	172	290	329	349	222	74
DEP.	+44	+37	+54	+9	+55	+72	+9
GRAND RAPIDS	74	126	248	293	303	166	50
DEP.	+42	+12	+46	+17	+66	+49	-4
HAVERHILL	91	129	299	331	343	256	89
DEP. (3)	+33	-36	+20	-21	+27	+78	-3
LAMBERTON	110	175	336	355	355	256	96
DEP. (4)	+51	-1	+33	-13	+29	+67	+2
MORRIS	96	163	299	353	361	253	78
DEP.	+43	+5	+29	+7	+46	+85	+5
ROSEAU	62	134	245	277	309	179	51
DEP.	+32	+24	+44	+6	+70	+67	+2
ROSEMOUNT	114	166	357	345	328	237	85
DEP.	+61	+10	+91	+41	+23	+68	+3
ST. PAUL	112	162	324	361	359	266	95
DEP. (5)	+43	-22	+22	-26	+10	+69	-2
STAPLES	81	140	245	275	295	197	62
DEP. (6)	+41	+4	+4	-45	+5	+52	-3
WASECA	97	154	329	351	354	259	94
DEP.	+45	-9	+52	+12	+46	+85	+9
WESTPORT	85	133	280	314	307	212	69
DEP.	+37	-18	+20	-34	-7	+47	-8

- (1) DEPARTURE FROM ST. CLOUD NORMALS  
(2) DEPARTURE FROM CAMBRIDGE NORMALS  
(3) DEPARTURE FROM ROCHESTER NORMALS  
(4) DEPARTURE FROM SPRINGFIELD NORMALS  
(5) DEPARTURE FROM MINNEAPOLIS/ST. PAUL INTNL. AIRPORT NORMALS  
(6) 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.)

FIGURE 1  
BECKER 1990

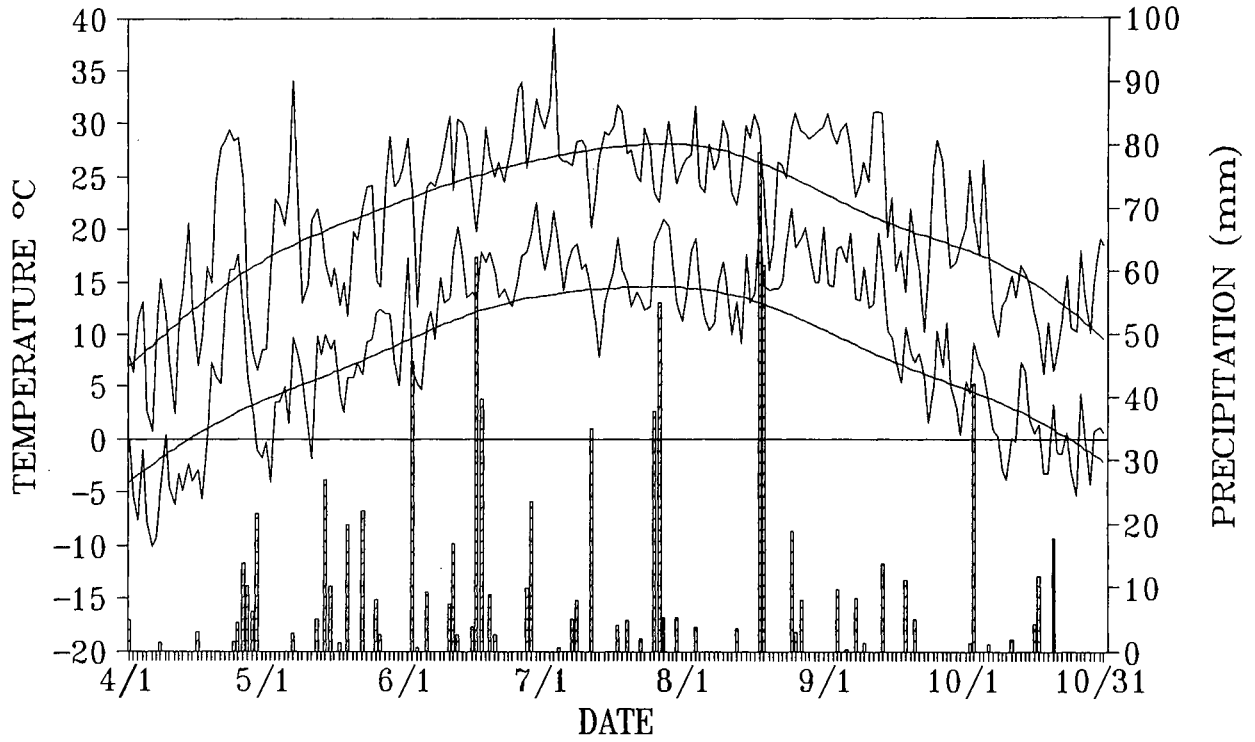


FIGURE 2  
CEDAR CREEK 1990

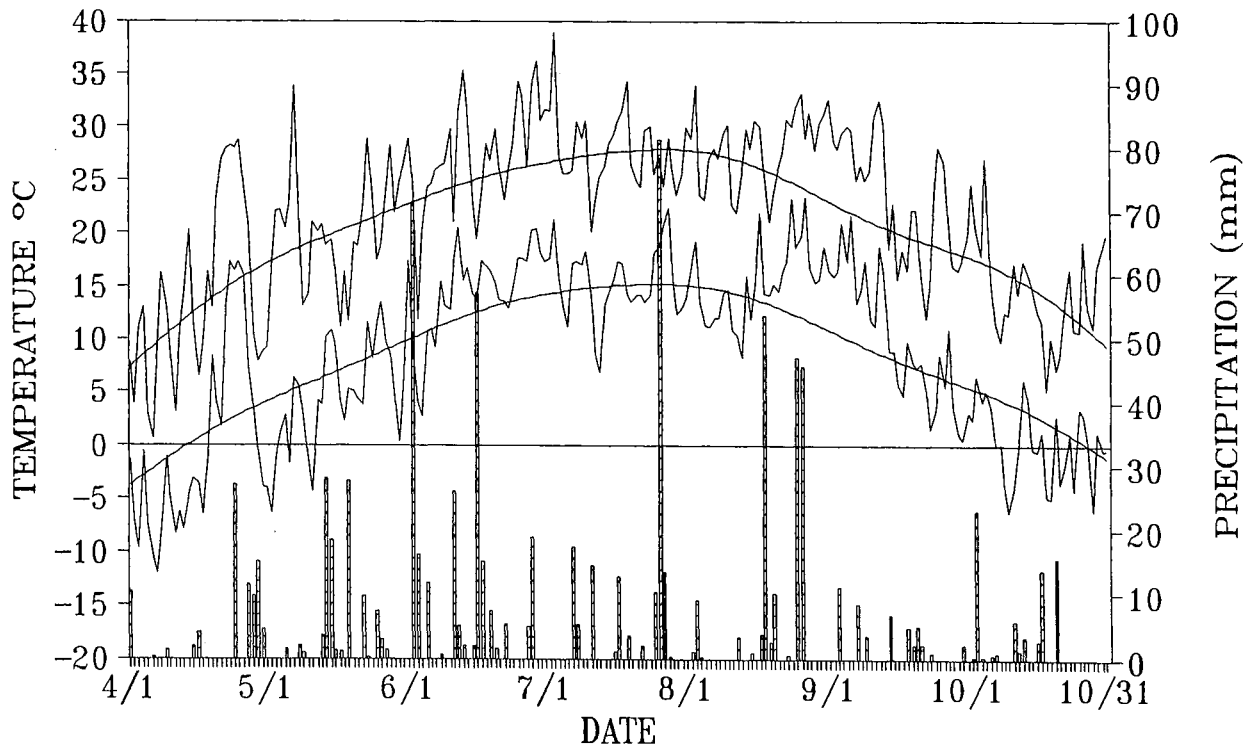


FIGURE 3  
CLOQUET 1990

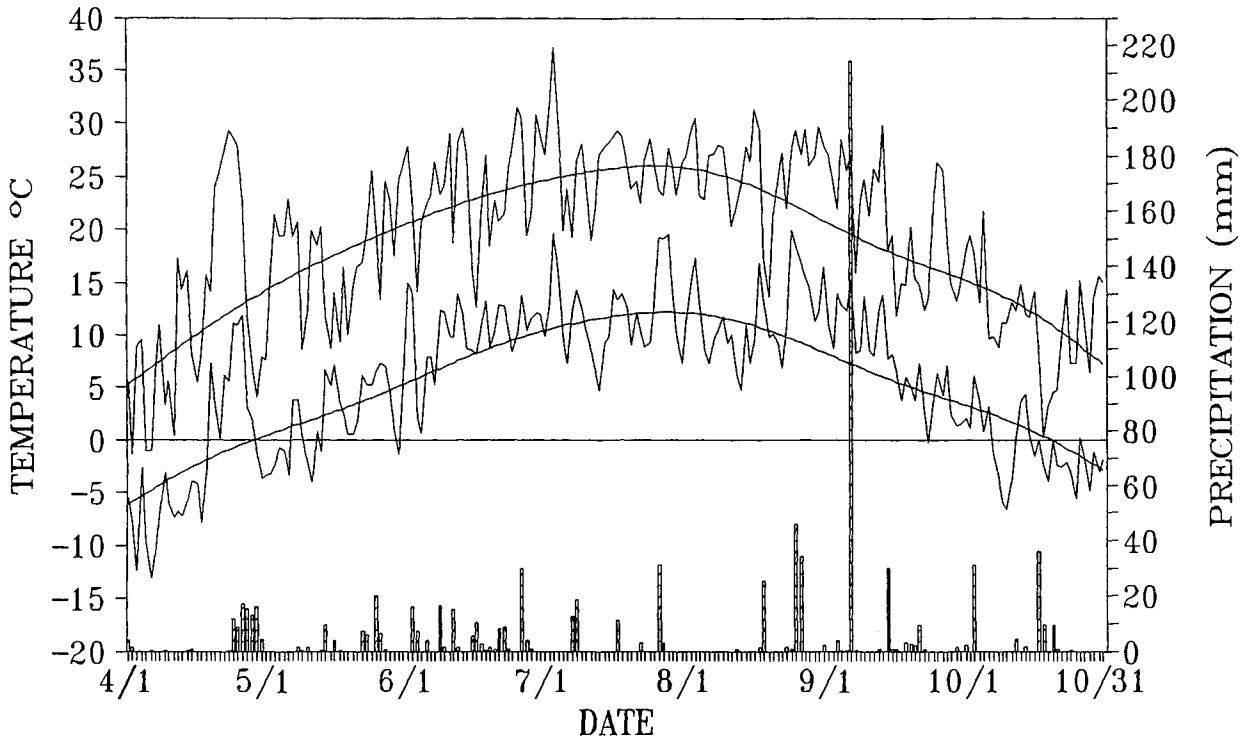


FIGURE 4  
CROOKSTON 1990

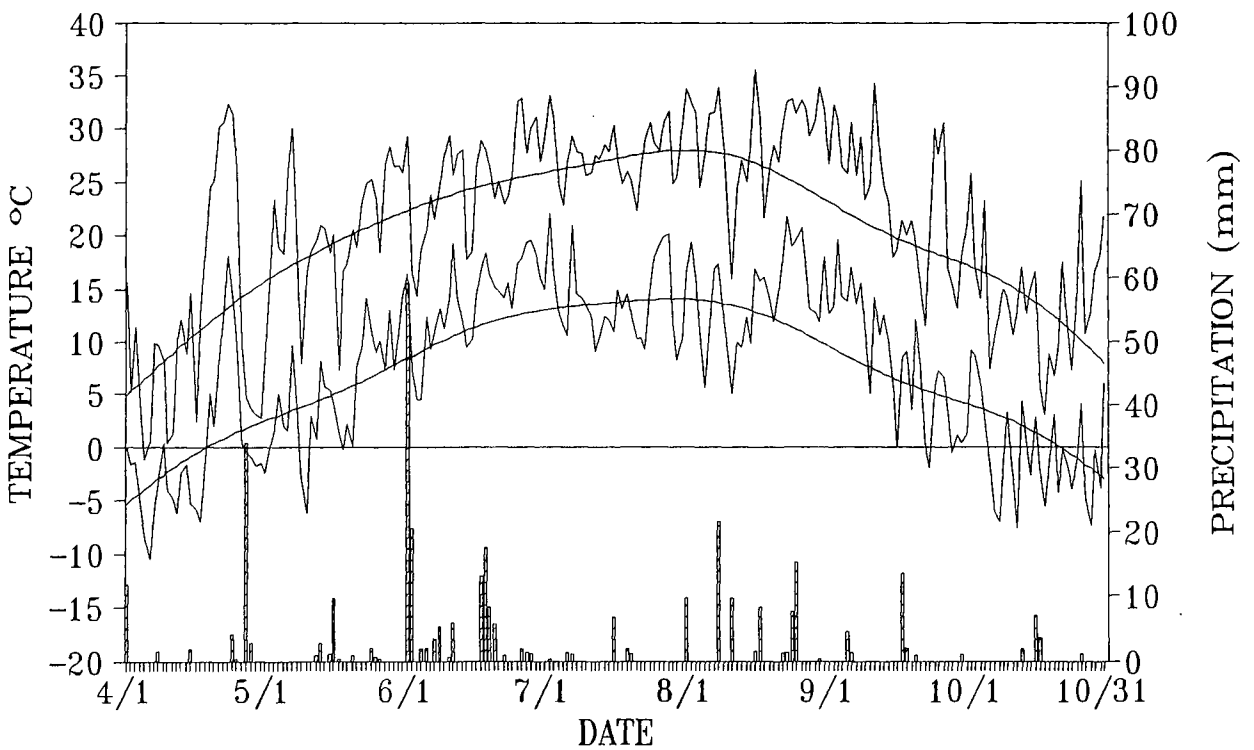


FIGURE 5  
GRAND RAPIDS 1990

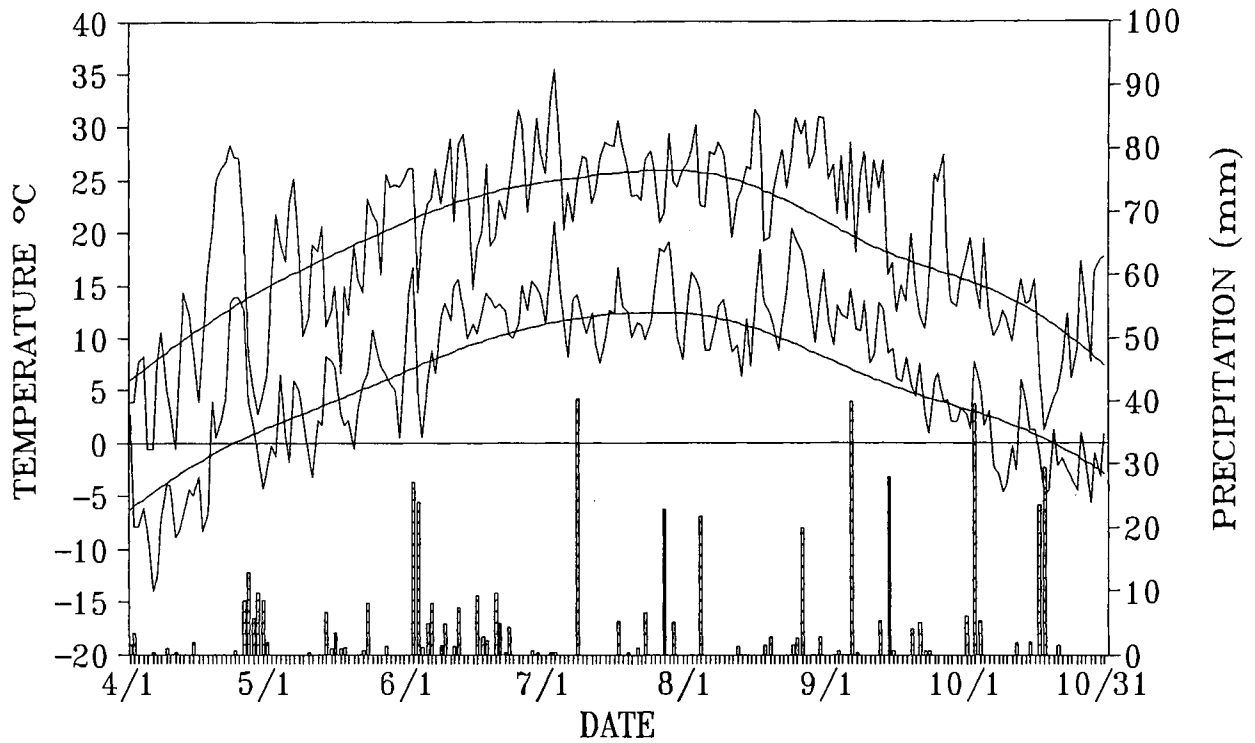


FIGURE 6  
HAVERHILL 1990

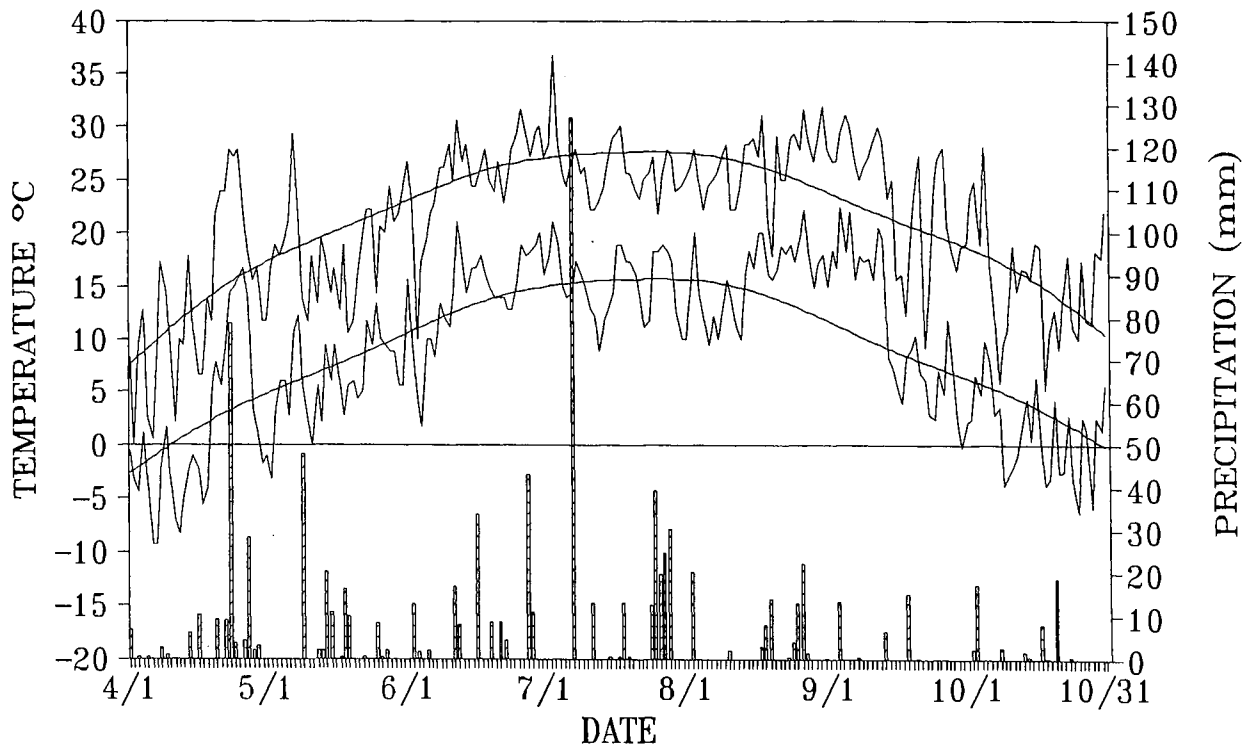


FIGURE 7  
LAMBERTON 1990

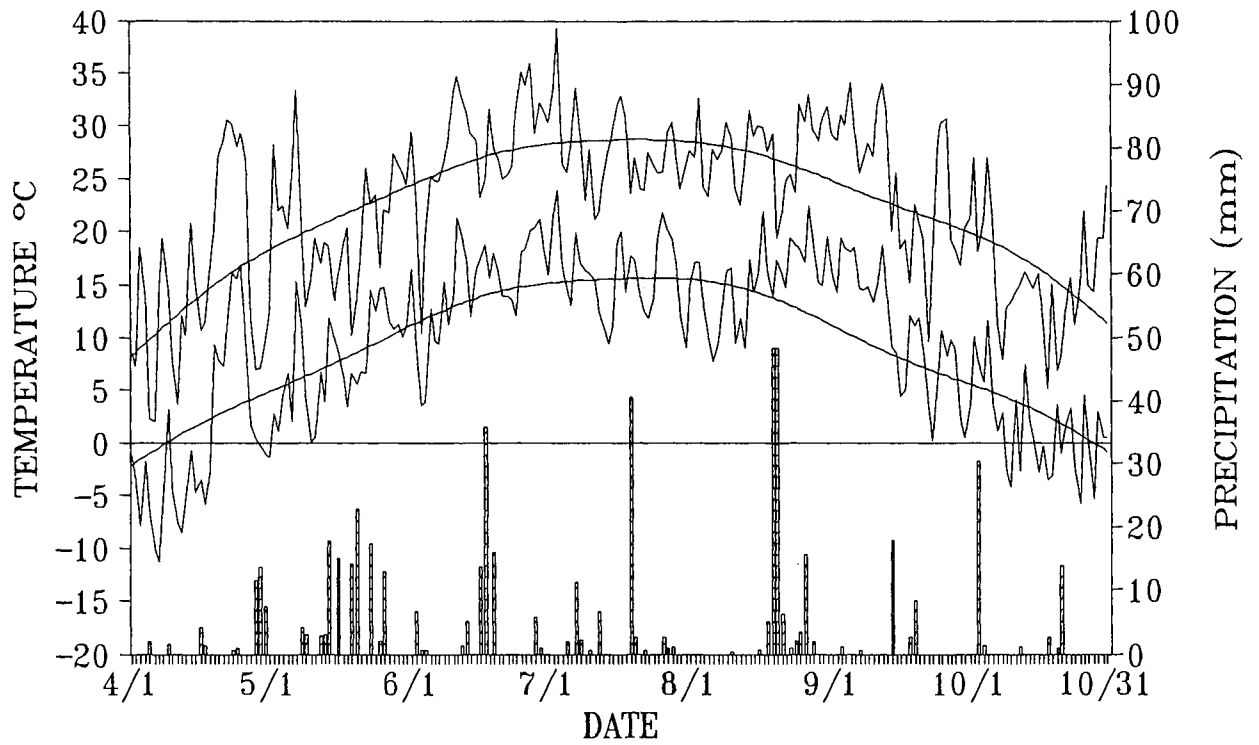


FIGURE 8  
MORRIS 1990

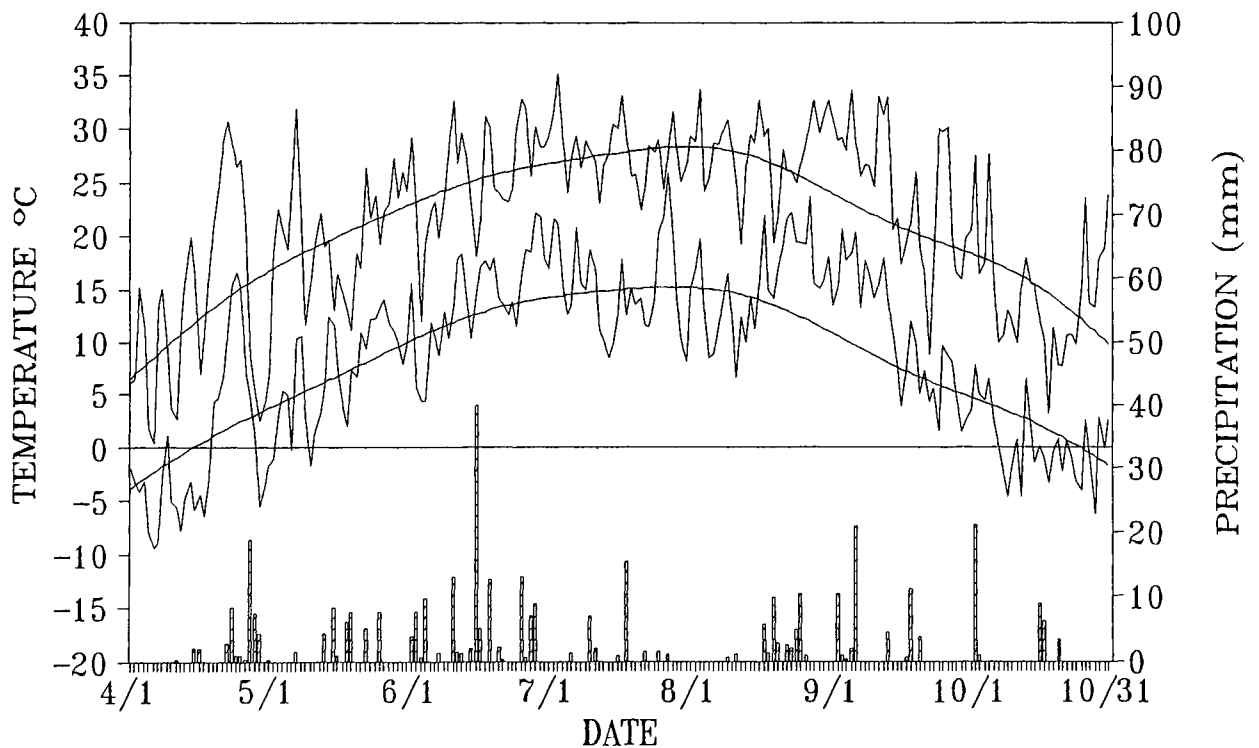


FIGURE 9  
ROSEAU 1990

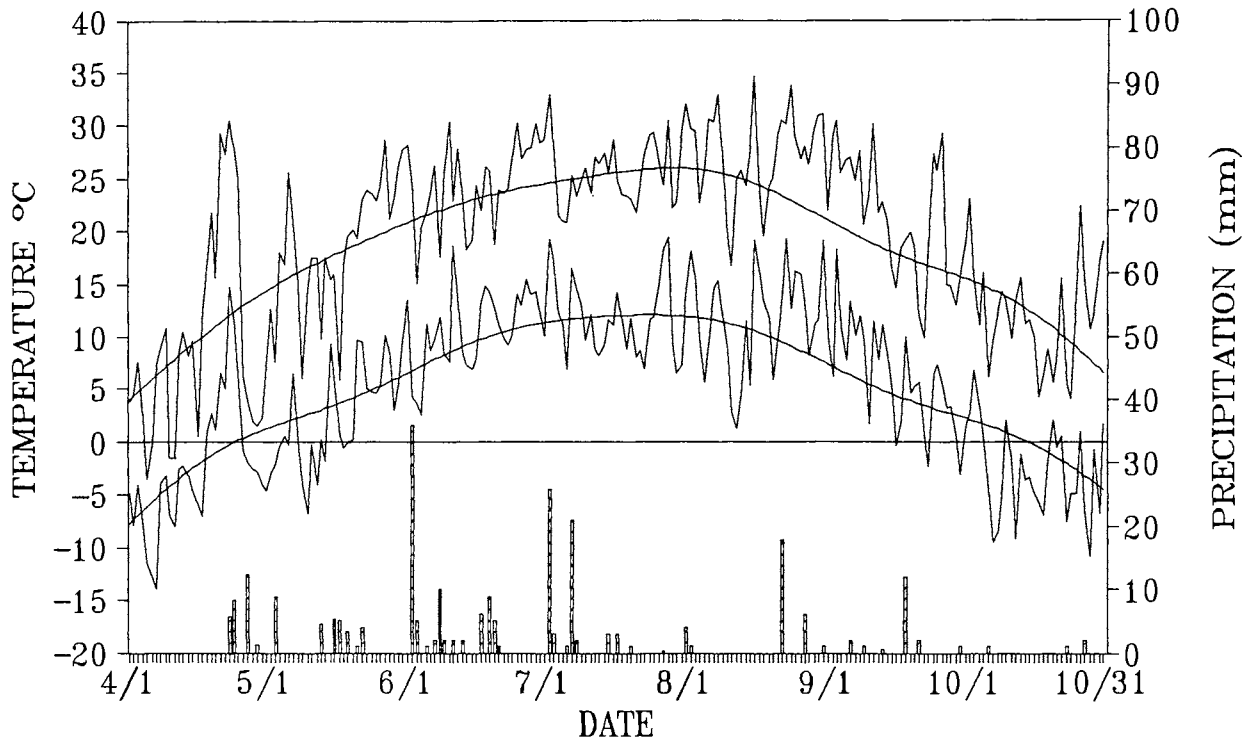


FIGURE 10  
ROSEMOUNT 1990

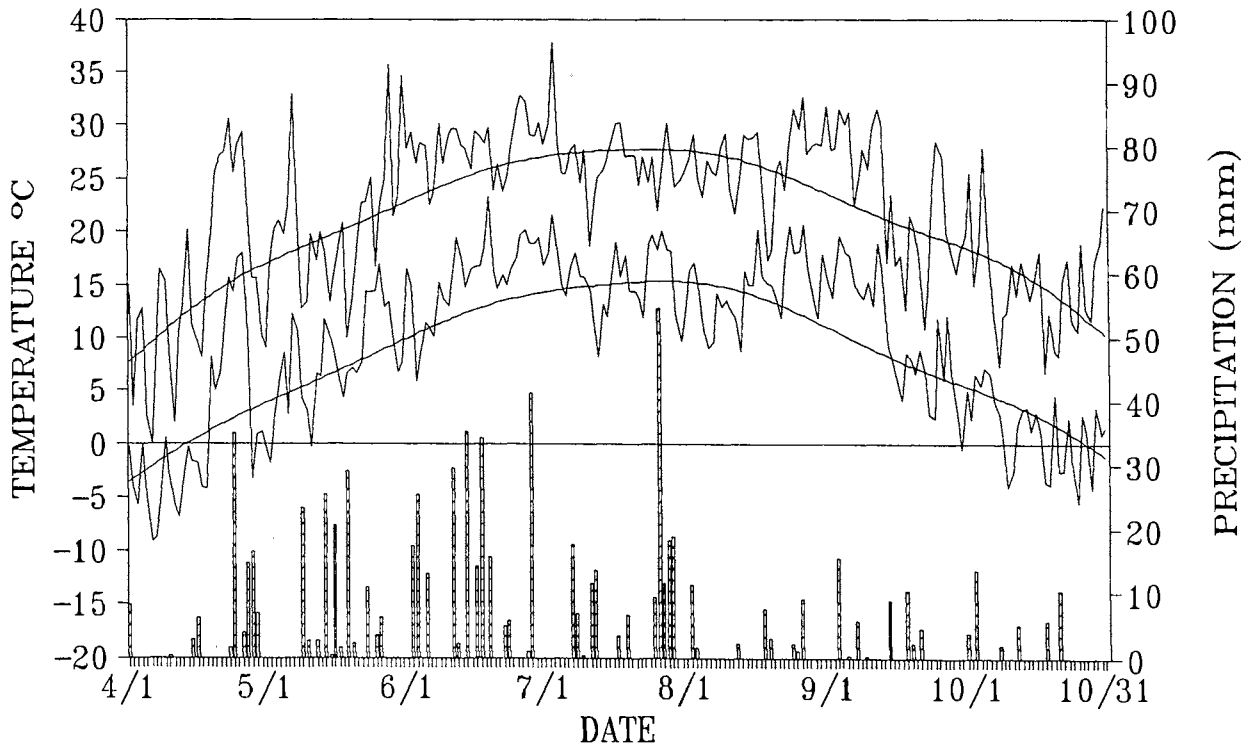


FIGURE 11  
ST. PAUL 1990

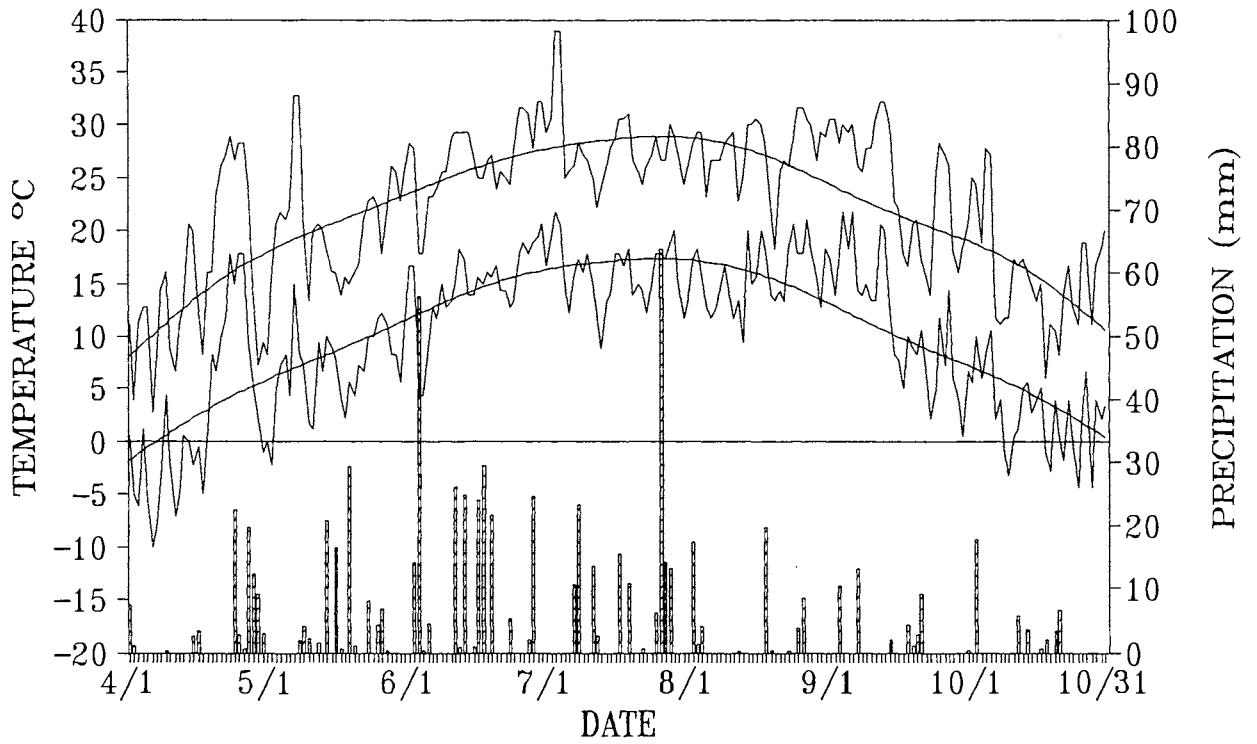


FIGURE 12  
STAPLES 1990

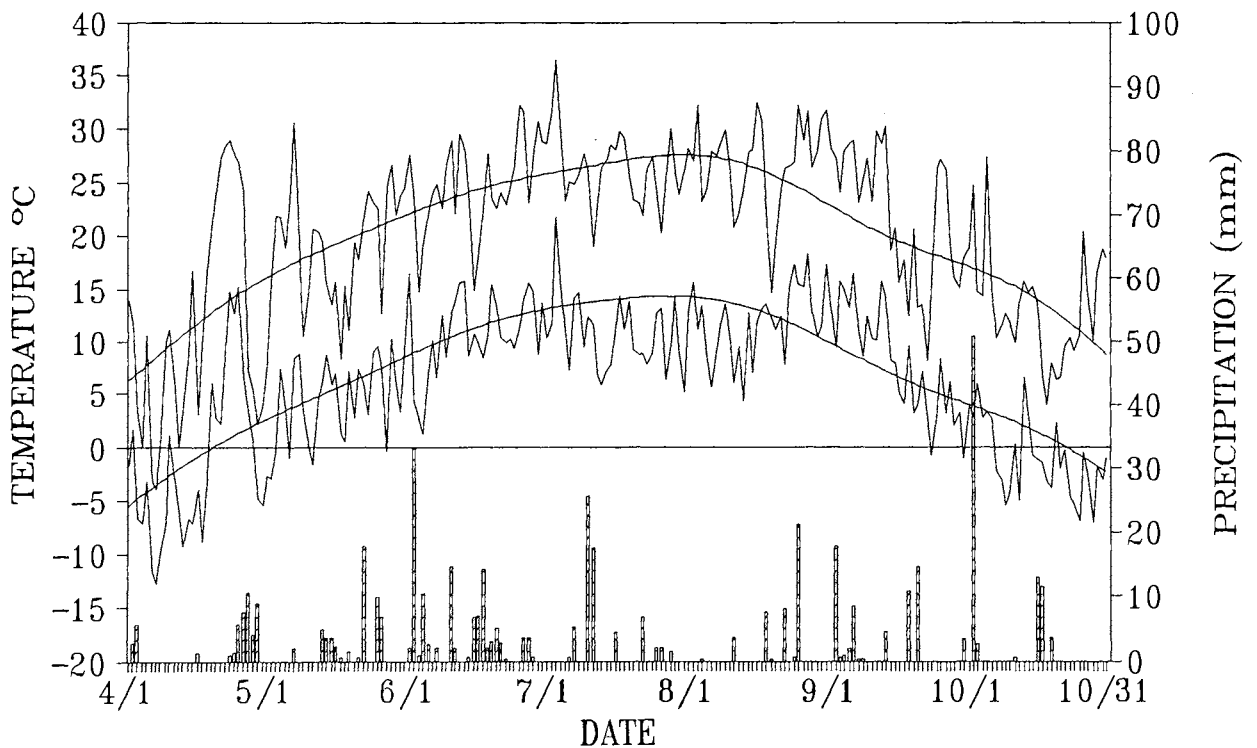


FIGURE 13  
WASECA 1990

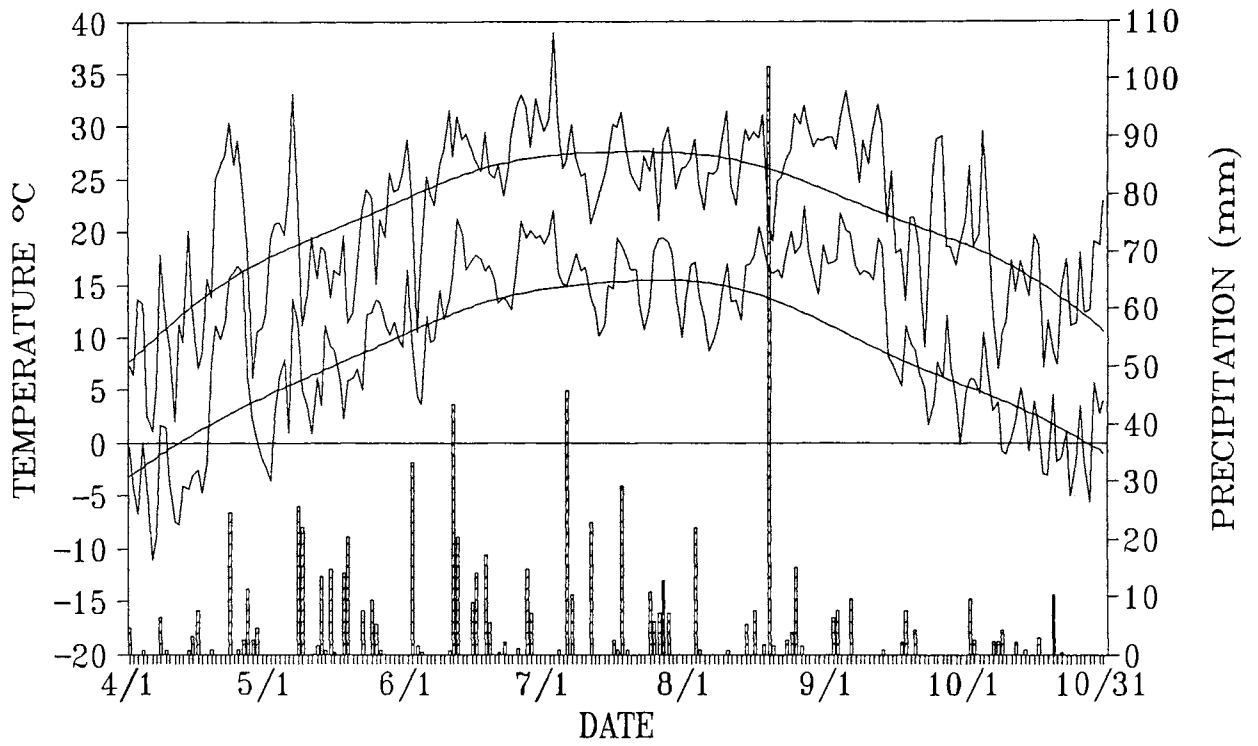
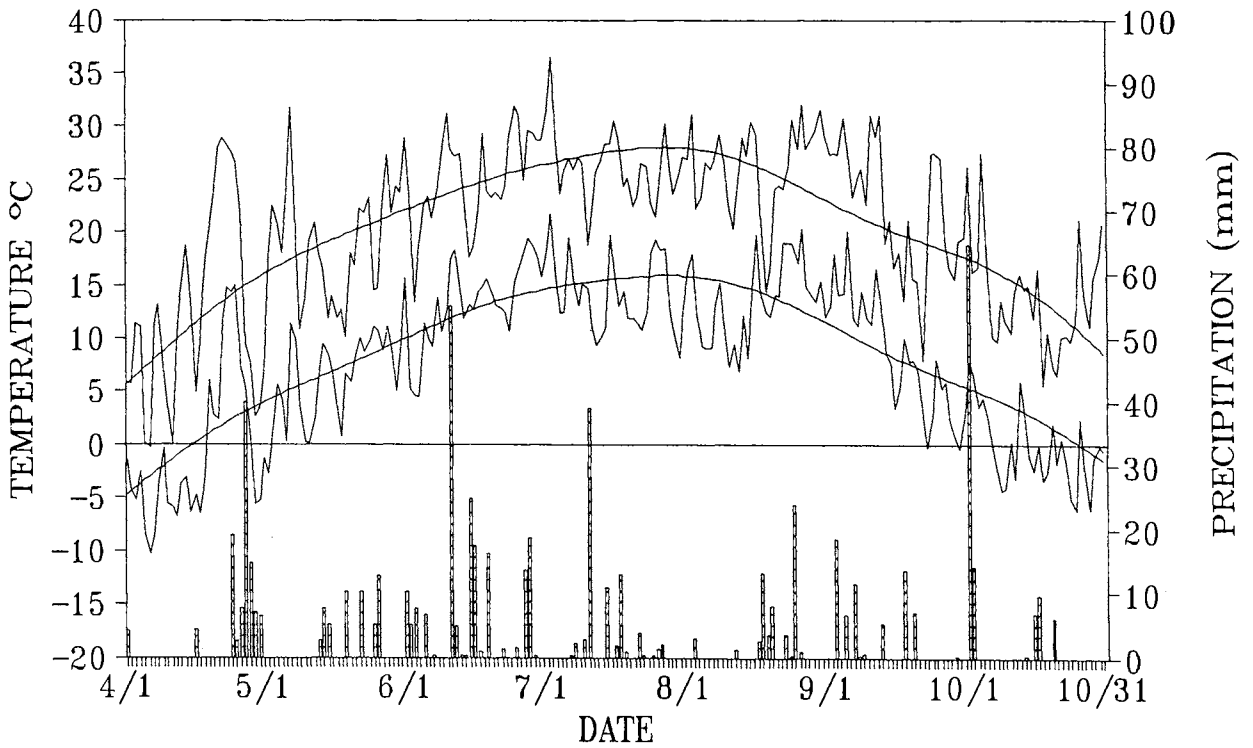


FIGURE 14  
WESTPORT 1990





BECKER

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Apr-90	7.9	0.0	4.8	M	1.71	334	4.3	7.4	2.5	96	72	0.72	0	0
02-Apr-90	6.3	-5.2	0.0	M	6.26	4	3.7	10.2	1.1	92	47	0.41	0	0
03-Apr-90	11.4	-7.6	0.0	M	5.64	161	1.8	12.0	0.6	97	38	0.47	0	1
04-Apr-90	13.1	-1.0	0.0	M	5.86	337	3.5	13.1	2.1	94	27	0.54	0	2
05-Apr-90	2.6	-7.7	0.0	M	5.95	326	4.1	10.6	1.7	82	27	0.28	0	2
06-Apr-90	0.8	-10.2	0.0	M	6.17	327	3.0	8.7	0.4	70	36	0.22	0	2
07-Apr-90	9.9	-9.3	0.0	M	6.05	265	1.4	10.9	0.3	94	21	0.29	0	2
08-Apr-90	15.3	-5.0	1.3	M	6.15	99	1.5	14.1	1.2	87	19	0.42	0	5
09-Apr-90	11.9	0.4	0.0	M	2.18	20	3.2	8.7	3.9	96	81	0.81	0	6
10-Apr-90	7.5	-4.5	0.0	M	4.97	338	3.3	10.5	1.8	97	29	0.40	0	6
11-Apr-90	2.4	-6.1	0.0	M	4.89	319	2.6	9.8	1.4	69	35	0.26	0	6
12-Apr-90	11.1	-3.2	0.0	M	6.16	269	1.5	13.9	1.8	73	25	0.34	0	6
13-Apr-90	13.9	-4.8	0.0	M	5.14	233	1.9	12.8	2.5	88	24	0.49	0	8
14-Apr-90	20.6	-2.3	0.0	M	5.46	279	2.7	15.9	3.6	97	15	0.59	0	14
15-Apr-90	12.4	-3.9	0.0	M	6.57	264	2.4	15.4	3.0	86	22	0.37	0	15
16-Apr-90	7.0	-2.9	3.0	M	4.58	337	3.5	10.1	3.4	96	40	0.45	0	15
17-Apr-90	9.6	-5.7	0.0	M	6.98	299	2.2	14.3	1.5	61	20	0.25	0	15
18-Apr-90	16.5	-0.2	0.0	M	6.93	184	5.0	16.1	3.0	66	18	0.36	0	18
19-Apr-90	15.0	7.3	0.0	M	2.37	181	4.8	12.5	8.9	95	25	0.78	1	21
20-Apr-90	24.0	6.1	0.0	M	6.44	20	1.2	21.0	7.6	95	41	1.10	6	28
21-Apr-90	27.7	5.3	0.0	M	6.03	174	3.2	21.2	9.8	94	29	1.14	13	36
22-Apr-90	28.4	12.8	0.0	M	6.70	172	4.8	22.9	13.1	87	21	1.16	23	47
23-Apr-90	29.5	16.2	0.0	M	4.50	164	4.4	21.4	15.4	92	38	1.67	36	60
24-Apr-90	28.4	16.2	1.5	M	4.17	166	2.9	23.1	15.6	93	56	1.97	48	72
25-Apr-90	28.7	17.6	4.6	M	5.31	186	6.1	25.3	15.6	90	47	1.96	62	85
26-Apr-90	24.8	12.2	14.0	6.3	3.80	181	4.6	22.0	16.1	94	59	1.85	70	94
27-Apr-90	12.5	5.8	10.2	4.1	1.04	14	2.7	16.1	10.9	95	93	1.15	70	95
28-Apr-90	8.3	2.9	6.3	1.5	2.32	289	2.4	12.5	8.0	95	84	0.82	70	95
29-Apr-90	6.6	-1.0	21.6	1.3	0.87	346	1.7	8.1	3.4	97	88	0.67	70	95
30-Apr-90 *	8.5	-1.7	0.0	2.5	4.06	257	3.2	10.1	2.9	96	48	0.54	70	95

MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
14.1	0.7	67.3	M	4.84	218	3.1	14.4	5.4	89	41	0.75	70	95	

01-May-90	8.5	-0.3	0.0	2.5	5.96	282	2.6	12.3	2.9	84	43	0.50	70	95
02-May-90	16.3	-4.0	0.0	4.6	7.33	170	1.5	19.4	3.0	98	29	0.56	70	98
03-May-90	22.9	3.5	0.0	6.3	7.56	164	1.7	23.2	6.7	81	17	0.63	73	105
04-May-90	22.2	3.6	0.0	5.6	6.07	169	1.4	21.9	9.7	94	18	0.73	76	111
05-May-90	20.4	4.9	0.0	5.8	6.68	356	2.6	22.4	11.4	90	18	0.63	79	116
06-May-90	23.6	1.5	0.0	7.9	7.84	251	1.5	24.4	9.9	86	14	0.54	81	123
07-May-90	34.1	9.6	2.8	17.3	7.26	201	4.7	25.9	14.4	67	11	0.85	93	133
08-May-90	21.5	7.9	0.0	3.8	6.48	323	1.9	27.1	15.0	95	20	0.85	98	139
09-May-90	13.0	5.9	0.0	5.8	2.06	359	3.2	17.5	12.5	79	53	0.75	98	140
10-May-90	14.7	1.2	0.0	7.4	7.30	342	3.4	22.3	10.1	91	18	0.48	98	142
11-May-90	20.9	-1.9	0.0	4.8	6.43	210	2.6	22.4	9.3	95	15	0.57	98	148
12-May-90	22.0	9.9	5.1	3.8	5.62	192	2.0	23.8	14.0	86	20	0.88	104	154
13-May-90	20.0	8.0	0.0	1.3	4.29	192	2.9	21.2	14.0	94	41	1.07	108	159
14-May-90 *	16.9	10.0	26.9	2.0	0.83	69	1.8	18.9	13.6	94	84	1.42	111	162
15-May-90	14.5	8.5	10.2	1.5	1.64	69	1.9	15.0	12.3	95	79	1.21	113	165
16-May-90	16.3	9.4	0.0	3.3	2.51	282	2.7	16.3	11.0	93	65	1.14	116	168
17-May-90	12.8	4.2	1.3	2.8	1.69	305	4.3	14.2	9.0	94	64	0.85	116	169
18-May-90	14.9	2.5	0.0	3.0	5.49	329	1.5	19.3	6.6	94	34	0.80	116	172
19-May-90	11.7	5.9	19.8	1.3	0.93	47	3.2	12.6	8.6	94	63	0.89	116	172
20-May-90	19.8	5.9	0.0	5.1	6.48	55	2.1	22.6	7.9	84	53	1.01	118	177
21-May-90	19.0	7.2	0.0	3.8	4.68	153	1.4	23.3	11.2	88	52	1.06	122	182
22-May-90	22.0	6.2	22.1	8.6	6.06	173	2.5	26.3	11.0	96	57	1.31	126	188
23-May-90	24.0	9.3	0.0	4.1	6.09	107	1.2	25.8	12.3	98	57	1.51	132	195
24-May-90	24.2	9.5	0.0	7.1	7.39	78	1.9	29.6	13.3	89	48	1.36	139	202
25-May-90	15.1	12.1	8.1	3.3	1.12	54	1.9	19.2	14.8	95	75	1.43	143	205
26-May-90	14.5	12.4	2.5	3.3	0.92	43	1.6	15.6	13.7	96	95	1.44	146	209
27-May-90	23.9	12.0	0.0	3.3	7.16	18	1.6	27.2	13.1	96	44	1.39	154	217
28-May-90	28.8	12.0	0.0	M	6.85	35	1.4	31.3	14.2	91	27	1.33	165	227
29-May-90	24.0	7.3	0.0	7.4	8.28	67	1.7	31.1	14.8	75	33	0.88	170	234
30-May-90	24.6	5.1	0.0	7.6	8.48	152	1.6	31.1	14.6	75	29	0.82	175	242
31-May-90	25.8	10.0	0.0	6.9	6.66	169	3.0	30.0	16.2	76	40	1.14	183	249

MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
19.8	6.4	98.8	151.4	5.29	175	2.2	22.4	11.3	89	42	0.97	113	154	

BECKER

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Jun-90	28.7	17.2	0.0	0.0	5.70	167	4.1	29.8	19.9	78	53	1.84	196	262
02-Jun-90	23.6	6.6	45.7	0.0	1.09	234	3.7	23.6	13.7	96	77	1.85	201	269
03-Jun-90	12.7	5.3	0.5	0.0	2.90	323	3.7	14.6	10.8	98	74	0.95	201	271
04-Jun-90	19.3	4.7	0.0	6.3	7.90	178	1.8	25.7	9.3	99	55	1.11	203	275
05-Jun-90	24.1	10.9	9.4	5.6	6.21	222	2.7	24.4	14.0	97	39	1.35	211	283
06-Jun-90	24.5	12.2	0.0	6.9	7.03	283	2.1	29.2	14.1	86	39	1.21	219	291
07-Jun-90	24.0	9.5	0.0	4.1	4.10	161	1.9	24.0	15.6	97	47	1.41	226	298
08-Jun-90	25.8	15.4	0.0	7.6	7.30	254	3.6	29.1	17.4	94	35	1.44	236	309
09-Jun-90	27.9	13.0	0.0	8.9	8.52	316	2.2	31.7	17.4	89	39	1.45	247	319
10-Jun-90	30.7	13.4	7.4	9.4	7.91	147	2.2	32.9	19.7	93	38	1.63	259	331
11-Jun-90	23.7	17.8	17.0	2.8	2.42	153	4.2	24.6	20.1	95	62	1.99	270	342
12-Jun-90	30.5	20.2	2.5	4.1	4.82	210	1.8	28.8	20.3	95	68	2.72	285	357
13-Jun-90	30.0	17.1	0.0	8.1	7.55	222	2.5	33.9	20.5	91	36	2.01	299	370
14-Jun-90	28.9	13.5	0.0	8.1	7.41	317	1.6	33.1	19.4	96	27	1.42	310	382
15-Jun-90	23.1	14.0	3.8	M	2.90	38	1.8	24.3	18.7	95	67	1.65	318	390
16-Jun-90	19.8	13.3	62.2	M	1.30	35	2.1	19.4	15.9	97	94	1.83	325	397
17-Jun-90	24.3	17.8	39.6	M	5.15	249	2.8	24.4	16.5	96	70	2.13	336	408
18-Jun-90	29.7	16.9	0.0	6.9	7.68	312	1.3	34.7	17.4	94	51	2.04	349	421
19-Jun-90	26.8	17.8	8.9	5.8	5.60	205	2.4	28.1	20.3	95	63	2.07	361	433
20-Jun-90	25.0	16.1	2.5	7.4	7.00	276	2.5	30.0	18.6	92	55	1.74	372	444
21-Jun-90	26.3	13.6	0.0	6.6	6.99	297	1.7	32.1	17.7	93	45	1.63	382	454
22-Jun-90	24.5	14.4	0.0	5.8	6.76	353	2.9	30.4	19.2	90	48	1.59	391	463
23-Jun-90	26.6	13.3	0.0	6.1	7.18	341	1.9	32.3	18.6	92	45	1.55	401	473
24-Jun-90	28.4	12.6	0.0	6.1	6.80	283	0.9	32.6	19.6	95	41	1.68	412	484
25-Jun-90	33.2	15.3	0.0	7.6	7.51	219	1.8	35.7	21.0	95	43	2.14	426	496
26-Jun-90	33.9	17.5	0.0	7.6	7.89	355	1.4	35.7	23.4	92	35	1.96	442	510
27-Jun-90	25.8	17.8	9.9	2.3	2.46	90	1.8	27.3	22.1	95	80	2.23	454	522
28-Jun-90	28.6	19.7	23.6	7.1	4.78	171	2.5	29.1	20.9	94	75	2.56	468	536
29-Jun-90	32.3	22.5	0.0	7.1	6.61	311	1.2	33.2	22.3	94	56	2.86	485	552
30-Jun-90	30.7	18.7	0.0	7.1	8.41	340	1.7	37.6	22.7	93	41	2.16	500	567
MEAN	26.5	14.6	TOTL 233.2	TOTL 155.4	MEAN 5.86	MEAN 235	MEAN 2.3	MEAN 29.1	MEAN 18.2	MEAN 93	MEAN 53	MEAN 1.81	TOTL 317	TOTL 318

01-Jul-90	29.6	16.1	0.0	7.1	6.73	156	1.9	34.2	22.7	94	57	2.17	513	580
02-Jul-90	31.7	18.8	0.0	4.8	6.35	153	2.2	34.6	23.7	94	64	2.63	528	594
03-Jul-90	39.0	21.7	0.0	7.4	7.87	192	2.9	37.6	25.2	87	42	2.85	548	610
04-Jul-90	26.8	18.1	0.5	7.1	3.53	267	2.0	30.2	24.4	86	60	2.12	561	622
05-Jul-90	26.5	14.2	0.0	6.3	7.01	347	1.9	33.6	21.4	90	50	1.65	571	633
06-Jul-90	26.5	16.6	0.0	6.6	7.73	144	3.0	34.3	21.7	86	48	1.75	583	644
07-Jul-90	26.0	18.2	5.1	6.9	3.18	148	3.0	26.7	23.2	95	78	2.40	595	656
08-Jul-90	28.3	18.6	7.9	6.9	7.69	308	2.5	34.5	23.1	93	54	2.34	608	670
09-Jul-90	28.4	16.2	0.0	5.8	7.04	319	1.0	36.2	21.2	94	44	1.83	621	682
10-Jul-90	27.9	16.7	0.0	5.8	5.15	27	1.1	32.2	22.7	91	48	1.89	633	694
11-Jul-90	20.1	13.8	35.1	1.0	1.40	47	1.1	25.7	18.5	95	84	1.84	640	701
12-Jul-90	23.1	11.1	0.0	6.6	7.80	26	2.5	30.7	16.1	92	49	1.33	647	708
13-Jul-90	26.8	7.8	0.0	6.1	8.05	12	0.9	34.3	16.3	97	39	1.34	654	717
14-Jul-90	29.2	13.0	0.0	6.3	7.30	359	1.1	34.3	19.2	96	41	1.69	665	728
15-Jul-90	28.9	14.5	0.0	6.3	7.72	242	1.3	35.3	21.3	95	35	1.68	677	740
16-Jul-90	29.7	16.2	0.0	6.9	6.76	220	1.1	34.9	22.6	94	39	1.86	690	753
17-Jul-90	31.8	19.2	4.1	7.4	6.87	199	3.2	35.1	23.1	91	63	2.49	705	767
18-Jul-90	31.1	16.1	0.0	5.8	6.89	189	1.2	37.4	21.6	95	40	1.99	719	780
19-Jul-90	27.2	14.9	4.8	6.6	6.08	3	1.5	32.1	22.6	94	56	2.01	730	791
20-Jul-90	27.5	12.6	0.0	5.6	6.30	347	1.1	33.7	19.4	96	47	1.69	740	801
21-Jul-90	25.1	14.0	0.0	5.3	5.71	324	1.5	31.9	20.8	95	45	1.63	750	811
22-Jul-90	24.5	13.3	2.0	5.6	5.88	318	1.7	32.1	20.4	93	49	1.60	759	820
23-Jul-90	29.6	12.3	0.0	6.3	7.76	284	1.1	35.2	18.0	96	37	1.55	770	831
24-Jul-90	27.7	12.6	0.0	7.1	6.68	163	2.0	33.0	20.7	95	56	1.90	780	841
25-Jul-90	23.5	18.8	37.8	4.1	2.02	133	1.7	25.7	21.5	94	87	2.26	791	852
26-Jul-90	22.5	19.9	54.9	1.5	1.01	130	2.4	22.4	20.1	93	91	2.31	802	863
27-Jul-90	26.7	20.9	5.3	4.6	2.08	138	1.8	25.2	20.1	93	86	2.72	816	877
28-Jul-90	30.2	20.2	0.0	4.6	3.58	265	0.9	29.2	20.1	93	73	2.72	831	892
29-Jul-90	27.5	16.6	0.0	4.6	5.97	353	2.2	32.1	21.8	92	57	2.14	843	904
30-Jul-90	24.3	13.0	5.3	6.6	7.28	359	1.9	33.8	19.2	94	47	1.54	852	913
31-Jul-90	25.9	11.3	0.0	5.3	5.53	190	1.5	31.6	19.1	95	47	1.58	860	921
MEAN	27.5	15.7	TOTL 162.8	TOTL 179.1	MEAN 5.84	MEAN 205	MEAN 1.8	MEAN 32.2	MEAN 21.0	MEAN 93	MEAN 55	MEAN 1.98	TOTL 360	TOTL 354

BECKER

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Aug-90	26.7	13.6	0.0	7.4	7.17	174	3.1	32.7	19.6	94	60	1.87	870	931
02-Aug-90	27.0	18.0	0.0	4.3	5.18	172	3.5	30.2	21.6	93	75	2.29	883	944
03-Aug-90	31.7	19.1	3.8	6.3	4.85	183	1.3	33.4	23.0	94	56	2.64	898	959
04-Aug-90	24.1	14.6	0.0	6.3	6.43	340	2.7	32.1	20.4	93	53	1.71	908	968
05-Aug-90	23.5	11.5	0.0	6.3	7.46	2	2.3	33.4	18.2	94	42	1.35	915	975
06-Aug-90	28.1	10.4	0.0	7.4	7.22	295	1.3	33.7	18.9	95	35	1.41	925	985
07-Aug-90	25.7	11.0	0.0	7.6	7.45	192	2.1	32.8	20.1	95	45	1.53	933	993
08-Aug-90	26.6	14.9	0.0	8.4	7.32	192	3.3	32.8	21.1	88	47	1.71	944	1004
09-Aug-90	30.3	16.9	0.0	5.8	6.59	237	2.0	33.8	22.4	90	45	1.98	957	1017
10-Aug-90	29.0	13.7	0.0	6.1	6.01	352	1.4	32.8	21.8	95	43	1.71	969	1029
11-Aug-90	23.5	10.0	0.0	5.8	7.25	11	2.2	32.6	20.7	93	42	1.27	975	1035
12-Aug-90	22.3	13.1	3.6	5.8	3.39	24	1.5	26.6	19.9	94	61	1.57	983	1043
13-Aug-90	24.8	9.1	0.0	6.9	6.17	181	2.0	32.5	16.6	96	51	1.53	990	1050
14-Aug-90	29.8	17.6	0.0	5.3	4.92	232	2.6	31.8	20.8	92	62	2.19	1004	1064
15-Aug-90	28.7	13.0	0.0	7.1	6.91	21	1.4	33.8	20.7	92	36	1.51	1014	1075
16-Aug-90	30.8	13.9	0.0	7.9	6.34	177	2.7	33.0	21.8	94	62	2.33	1027	1087
17-Aug-90	29.5	21.2	78.7	M	2.62	130	1.8	29.6	22.9	92	77	2.75	1042	1102
18-Aug-90	24.4	14.6	61.0	M	1.29	40	3.1	22.9	18.9	93	90	2.06	1052	1112
19-Aug-90	16.1	14.1	0.0	M	0.93	41	2.7	19.5	17.2	94	91	1.59	1057	1117
20-Aug-90	18.5	14.4	0.0	1.0	1.38	39	1.7	20.1	16.5	94	89	1.73	1063	1123
21-Aug-90	26.3	14.4	0.0	3.8	5.29	75	1.1	28.8	16.8	94	48	1.77	1074	1134
22-Aug-90	26.1	14.9	0.0	5.1	5.38	156	1.7	29.9	17.9	94	67	2.02	1084	1144
23-Aug-90	24.9	18.7	0.0	1.8	2.35	164	2.5	27.2	21.1	93	84	2.40	1096	1156
24-Aug-90	29.5	22.0	19.0	M	3.57	175	1.5	30.4	21.1	92	67	2.66	1112	1172
25-Aug-90	31.0	18.3	3.0	M	6.19	178	1.9	33.1	20.6	92	74	2.81	1126	1186
26-Aug-90	29.4	19.1	7.9	M	5.86	47	1.5	33.1	21.4	93	69	2.47	1140	1200
27-Aug-90	29.1	20.1	0.0	3.0	2.78	18	1.2	29.2	23.7	91	80	2.74	1155	1215
28-Aug-90	28.5	18.1	0.0	5.1	5.34	282	1.5	33.7	21.4	93	51	2.06	1168	1228
29-Aug-90	29.0	14.9	0.0	5.6	5.89	140	0.9	33.7	20.6	92	31	1.59	1180	1240
30-Aug-90	29.4	14.9	0.0	6.9	6.19	166	2.6	33.4	20.5	92	55	2.06	1192	1252
31-Aug-90	29.7	20.2	0.0	5.6	5.33	181	3.0	33.2	23.1	92	69	2.46	1207	1267
MEAN	26.9	15.5	TOTL 177.0	TOTL M	MEAN 5.20	MEAN 149	MEAN 2.1	MEAN 30.8	MEAN 20.4	MEAN 93	MEAN 60	MEAN 1.99	TOTL 347	TOTL 346

01-Sep-90	31.0	14.7	0.0	5.8	6.24	339	1.1	34.4	21.6	93	32	1.66	1220	1279
02-Sep-90	28.9	14.5	0.0	5.8	6.00	101	1.4	33.1	21.6	93	46	1.84	1232	1291
03-Sep-90	28.1	18.2	9.7	3.3	2.66	159	2.8	27.6	21.9	93	79	2.40	1245	1304
04-Sep-90	29.3	18.4	0.0	5.3	5.02	353	2.4	32.6	22.4	92	74	2.61	1259	1318
05-Sep-90	30.0	16.9	0.3	6.9	4.38	171	2.5	31.4	21.4	93	77	2.68	1272	1332
06-Sep-90	27.7	19.7	0.0	1.3	3.28	339	1.8	29.7	23.2	92	80	2.61	1286	1345
07-Sep-90	23.1	13.3	8.4	6.3	5.14	29	2.2	28.9	19.7	94	72	1.82	1294	1353
08-Sep-90	24.3	13.2	0.0	2.5	3.35	174	1.6	27.5	18.8	94	77	1.96	1303	1362
09-Sep-90	26.3	16.4	1.3	2.3	4.89	39	1.6	29.7	18.7	93	71	2.11	1315	1374
10-Sep-90	24.5	12.5	0.0	4.8	5.32	31	1.5	29.3	17.7	93	47	1.51	1323	1382
11-Sep-90	31.1	12.9	0.0	5.8	5.10	190	3.1	30.7	18.0	92	59	2.14	1335	1394
12-Sep-90	31.1	19.7	0.0	6.6	5.31	177	2.3	32.8	21.7	90	60	2.43	1350	1408
13-Sep-90	31.0	16.5	14.0	6.6	5.11	189	4.7	31.7	22.1	89	48	2.11	1364	1422
14-Sep-90	19.2	10.2	0.0	3.3	2.96	325	2.5	23.7	16.7	94	62	1.33	1369	1426
15-Sep-90	23.0	9.6	0.0	3.0	4.40	327	2.7	25.3	15.0	95	44	1.26	1375	1433
16-Sep-90	16.0	7.2	0.0	3.0	2.38	8	1.3	19.9	13.9	95	70	1.09	1377	1436
17-Sep-90	17.9	5.4	0.0	3.6	4.11	158	2.2	22.2	11.7	96	61	1.12	1378	1440
18-Sep-90	14.0	10.7	11.2	0.0	0.62	126	1.2	15.8	14.7	94	88	1.33	1381	1442
19-Sep-90	22.0	8.3	0.0	3.3	4.82	293	1.3	23.6	12.8	94	40	1.26	1386	1448
20-Sep-90	19.0	7.4	5.1	0.5	1.34	167	1.6	18.1	12.7	95	73	1.43	1389	1453
21-Sep-90	16.4	8.1	0.0	3.3	3.41	295	2.6	19.9	12.7	92	63	1.21	1391	1456
22-Sep-90	10.2	5.8	0.0	3.3	1.82	320	3.6	14.9	10.8	92	79	0.91	1391	1456
23-Sep-90	15.2	1.6	0.0	3.3	5.08	293	2.2	19.8	7.7	95	44	0.79	1391	1459
24-Sep-90	25.9	5.2	0.0	3.6	4.91	211	2.7	23.0	9.8	88	41	1.13	1397	1467
25-Sep-90	28.4	10.4	0.0	3.3	4.81	303	1.8	25.6	12.9	91	28	1.25	1406	1476
26-Sep-90	26.5	6.9	0.0	3.3	4.41	169	1.6	25.1	12.9	95	36	1.24	1413	1484
27-Sep-90	20.7	11.1	0.0	3.3	2.89	6	2.3	21.6	15.2	84	40	1.12	1419	1490
28-Sep-90	16.3	5.1	0.0	3.0	3.95	359	2.2	21.6	12.3	95	52	0.97	1420	1493
29-Sep-90	16.9	3.1	0.0	3.0	3.26	347	1.2	20.1	11.6	95	45	0.85	1420	1497
30-Sep-90	18.4	0.4	0.0	3.3	3.90	183	2.3	20.5	9.7	96	48	0.95	1420	1501
MEAN	23.1	10.8	TOTL 49.8	TOTL 113.0	MEAN 4.03	MEAN 206	MEAN 2.1	MEAN 25.3	MEAN 16.1	MEAN 93	MEAN 58	MEAN 1.57	TOTL 213	TOTL 234

BECKER

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Oct-90	20.2	5.5	0.0	4.1	4.52	305	1.8	21.8	11.4	91	22	0.79	1423	1506
02-Oct-90	25.6	4.3	1.3	8.1	2.91	160	4.1	21.4	11.3	90	45	1.33	1428	1514
03-Oct-90	21.3	9.2	42.2	2.8	2.08	252	3.6	17.8	11.5	93	49	1.25	1433	1519
04-Oct-90	17.5	7.0	0.0	4.8	4.42	259	3.3	18.5	9.3	82	37	0.80	1435	1523
05-Oct-90	26.6	6.3	0.0	3.0	3.96	175	1.7	22.7	10.6	94	45	1.35	1441	1531
06-Oct-90	18.1	3.6	1.0	2.8	2.89	352	3.4	17.9	11.5	92	61	0.92	1442	1535
07-Oct-90	11.7	0.9	0.0	2.8	3.99	354	1.5	17.8	8.4	94	44	0.65	1442	1536
08-Oct-90	9.8	0.2	0.0	1.0	1.75	10	0.8	13.4	7.9	96	55	0.68	1442	1536
09-Oct-90	12.8	-2.8	0.0	1.8	3.79	68	0.6	16.2	5.3	96	39	0.58	1442	1538
10-Oct-90	13.3	-3.8	0.0	2.0	4.20	97	0.7	16.4	4.3	96	29	0.50	1442	1539
11-Oct-90	15.6	0.1	1.8	1.8	3.32	312	1.8	16.9	5.8	93	51	0.75	1442	1542
12-Oct-90	13.4	-0.2	0.0	3.3	3.97	183	1.7	16.5	5.7	95	44	0.72	1442	1544
13-Oct-90	16.6	7.4	0.0	3.6	2.82	177	3.2	15.6	8.6	82	56	0.90	1444	1547
14-Oct-90	15.8	6.3	0.0	3.3	3.51	269	2.2	17.3	9.4	84	37	0.78	1445	1550
15-Oct-90	14.6	1.9	0.0	2.8	3.01	218	2.4	15.0	6.7	83	42	0.66	1445	1552
16-Oct-90	11.9	0.6	4.3	0.5	1.56	68	1.5	12.2	7.0	94	60	0.86	1445	1553
17-Oct-90	9.9	1.4	11.9	0.5	0.27	5	4.8	10.3	5.8	95	93	0.90	1445	1553
18-Oct-90	6.2	-3.2	0.0	1.5	3.38	337	2.8	11.4	4.2	95	65	0.56	1445	1553
19-Oct-90	11.1	-3.2	0.0	1.5	2.03	140	2.7	9.3	3.2	96	56	0.64	1445	1554
20-Oct-90	6.4	3.3	18.0	1.5	0.50	344	1.2	8.0	4.9	95	79	0.79	1445	1554
21-Oct-90	8.3	-1.3	0.0	1.5	3.50	294	1.8	11.6	3.3	94	51	0.60	1445	1554
22-Oct-90	11.3	-1.4	0.0	1.5	2.09	177	2.5	9.4	2.9	92	63	0.74	1445	1555
23-Oct-90	15.6	0.7	0.0	1.5	3.20	302	1.6	13.0	4.5	95	43	0.73	1445	1557
24-Oct-90	10.6	-2.9	0.0	2.0	2.47	322	1.4	9.0	3.0	92	43	0.53	1445	1558
25-Oct-90	10.2	-5.3	0.0	1.5	3.17	167	1.9	9.8	1.9	95	49	0.54	1445	1558
26-Oct-90	18.0	4.3	0.0	3.0	3.17	179	3.9	12.7	4.0	75	51	0.85	1446	1562
27-Oct-90	13.9	0.7	0.0	2.8	2.90	311	3.9	12.2	5.4	70	34	0.60	1446	1564
28-Oct-90	10.1	-4.3	0.0	2.8	3.17	161	1.5	10.5	2.6	93	45	0.51	1446	1564
29-Oct-90	15.2	0.8	0.0	M	3.09	146	1.3	12.2	3.4	80	45	0.66	1446	1566
30-Oct-90	19.1	1.1	0.0	M	3.00	11	0.6	13.4	4.6	93	36	0.71	1447	1571
31-Oct-90	18.5	0.7	0.0	M	2.78	151	1.6	12.9	4.3	93	66	1.02	1447	1575
MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
14.5	1.2	80.5	70.4	2.95	203	2.2	14.3	6.2	91	49	0.77	27	74	

CEDAR CREEK

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 4.44	GDD 10	
01-Apr-90	* 7.8	-1.3	10.4	M	1.71	301	2.6	4.8	1.6	100	81	0.78	0	0	
02-Apr-90	* 3.9	-6.9	0.0	M	4.73	32	3.4	5.3	0.6	96	61	0.41	0	0	
03-Apr-90	* 11.1	-9.7	0.0	M	5.07	140	1.4	6.4	0.6	99	41	0.47	0	0	
04-Apr-90	* 13.0	-0.6	0.0	M	5.51	308	2.9	8.3	1.7	98	25	0.51	2	0	
05-Apr-90	* 3.1	-7.3	0.0	M	5.03	295	3.5	6.3	1.9	91	26	0.27	2	0	
06-Apr-90	* 0.7	-10.5	0.3	M	5.50	287	2.8	5.2	1.2	73	41	0.23	2	0	
07-Apr-90	* 9.2	-12.0	0.0	M	5.61	240	1.6	6.1	0.8	96	24	0.29	2	0	
08-Apr-90	* 16.2	-8.4	0.0	M	5.56	88	1.6	8.8	1.1	92	19	0.41	2	0	
09-Apr-90	* 13.0	-1.0	1.3	M	0.96	36	3.1	6.8	3.8	100	75	0.77	3	0	
10-Apr-90	* 9.0	-5.0	0.0	M	4.10	318	2.4	7.2	1.9	100	31	0.40	3	0	
11-Apr-90	* 3.1	-8.3	0.0	M	3.88	291	2.4	5.6	1.5	70	34	0.25	3	0	
12-Apr-90	* 10.8	-6.2	0.0	M	5.56	253	1.7	8.7	1.5	77	30	0.33	3	0	
13-Apr-90	* 13.9	-7.8	0.0	M	4.49	226	1.6	9.1	2.1	89	27	0.45	3	0	
14-Apr-90	* 20.2	-4.4	0.0	M	4.72	244	2.3	10.8	2.9	99	18	0.61	7	0	
15-Apr-90	* 11.7	-3.1	1.8	M	5.82	249	2.2	10.9	3.6	82	26	0.40	7	0	
16-Apr-90	* 6.6	-3.6	4.1	M	3.41	304	2.8	7.8	4.3	100	37	0.46	7	0	
17-Apr-90	* 9.3	-6.5	0.0	M	6.11	270	2.3	9.0	2.1	66	23	0.27	7	0	
18-Apr-90	* 16.3	-0.9	0.0	M	6.06	179	2.7	11.4	2.7	55	19	0.37	10	0	
19-Apr-90	* 13.0	8.4	0.0	M	0.56	172	2.7	9.3	7.3	97	27	0.79	16	1	
20-Apr-90	* 23.3	4.1	0.0	M	5.47	44	1.3	15.4	6.5	99	44	1.22	26	4	
21-Apr-90	* 26.9	1.8	0.0	M	4.96	155	1.9	16.7	8.5	99	38	1.15	35	9	
22-Apr-90	* 28.0	13.0	0.0	M	5.49	158	2.8	18.6	11.5	84	32	1.21	51	19	
23-Apr-90	* 28.3	17.3	0.0	M	3.59	150	3.3	18.4	14.0	95	37	1.62	70	32	
24-Apr-90	* 28.1	16.5	27.2	M	4.09	148	2.1	20.5	15.0	96	59	2.12	88	44	
25-Apr-90	* 28.8	17.3	0.0	M	4.86	173	2.9	21.5	15.1	91	44	1.91	106	57	
26-Apr-90	* 24.4	16.0	0.0	M	2.60	169	2.4	19.8	16.7	96	60	1.88	122	68	
27-Apr-90	* 21.2	7.2	11.7	M	0.26	29	2.4	17.2	12.9	97	95	1.52	132	72	
28-Apr-90	* 10.6	3.4	9.7	M	0.91	244	2.7	12.9	10.3	97	82	0.92	134	72	
29-Apr-90	* 7.9	-0.6	15.0	M	0.87	314	1.8	10.3	6.7	98	86	0.75	134	72	
30-Apr-90		8.9	-3.9	4.6	M	4.06	239	2.7	10.0	4.7	99	47	0.52	134	72
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL	
	14.3	-0.1	85.9	M	4.05	202	2.4	11.0	5.5	91	43	0.78	134	72	
01-May-90	9.2	-3.9	0.0	M	4.95	259	2.6	10.9	4.6	96	39	0.46	134	72	
02-May-90	16.4	-6.3	0.0	M	6.62	186	1.3	14.4	4.3	99	27	0.53	135	72	
03-May-90	22.1	-1.1	0.0	M	6.68	130	1.5	17.3	7.2	99	21	0.64	141	72	
04-May-90	22.2	1.2	0.0	M	5.78	120	1.3	17.8	9.8	97	19	0.69	148	74	
05-May-90	20.5	2.9	1.5	M	5.88	351	2.1	18.0	11.5	95	19	0.68	155	76	
06-May-90	22.8	-1.6	0.0	M	6.99	231	1.8	19.0	10.2	98	16	0.56	162	76	
07-May-90	33.8	6.3	0.0	M	6.42	183	2.9	20.9	13.0	83	12	0.88	177	86	
08-May-90	21.9	5.5	2.0	M	5.55	288	1.9	20.3	14.2	98	21	0.87	187	90	
09-May-90	13.1	3.0	0.8	M	0.44	34	2.6	16.7	12.2	95	48	0.87	190	90	
10-May-90	14.3	-1.6	0.0	M	6.36	310	2.7	17.2	10.4	96	21	0.52	192	90	
11-May-90	21.0	-4.3	0.0	M	5.67	206	2.1	17.3	9.6	98	17	0.56	196	90	
12-May-90	20.1	4.2	0.0	M	4.35	97	1.6	18.3	13.3	98	38	0.94	204	92	
13-May-90	20.8	3.8	3.6	M	3.94	182	1.7	17.8	12.4	99	36	1.03	212	94	
14-May-90	18.9	10.2	28.2	M	0.83	71	1.7	16.1	13.5	97	85	1.65	222	99	
15-May-90	19.5	10.8	18.5	M	1.23	75	3.0	14.9	12.7	97	72	1.40	232	104	
16-May-90	17.0	9.7	1.3	M	1.91	246	2.5	15.5	12.1	97	62	1.31	241	108	
17-May-90	11.2	3.9	1.0	M	1.69	268	4.4	12.7	10.3	96	66	0.82	244	108	
18-May-90	16.3	2.3	0.0	M	5.06	270	1.7	16.3	8.1	98	42	0.83	249	108	
19-May-90	* 11.7	5.3	27.7	M	0.93	64	4.5	13.2	9.6	97	56	0.90	253	108	
20-May-90	19.1	5.1	0.0	M	5.39	58	2.8	17.0	8.9	91	47	0.95	261	110	
21-May-90	18.8	4.4	0.0	M	3.83	98	1.3	16.8	11.2	98	45	0.99	268	111	
22-May-90	22.3	3.8	9.7	M	5.47	167	1.5	19.9	10.7	99	45	1.25	277	114	
23-May-90	28.9	11.6	0.3	M	6.58	57	1.6	21.9	13.4	97	40	1.57	292	124	
24-May-90	23.6	8.1	0.0	M	6.64	73	2.5	22.9	14.5	95	41	1.31	304	130	
25-May-90	17.5	11.6	7.4	M	0.53	66	2.5	18.8	15.8	96	86	1.54	314	135	
26-May-90	18.8	13.5	3.0	M	0.35	50	2.1	16.2	14.8	95	94	1.68	326	141	
27-May-90	23.9	9.6	1.3	M	5.00	44	1.5	21.0	14.1	97	41	1.47	338	148	
28-May-90	28.3	8.5	0.0	M	6.61	64	2.1	22.8	13.9	97	20	1.14	352	156	
29-May-90	22.0	4.4	0.0	M	7.53	68	2.7	23.8	15.0	83	20	0.68	361	159	
30-May-90	24.8	0.4	0.0	M	7.74	117	1.3	24.1	14.8	96	19	0.75	369	162	
31-May-90	26.2	5.4	0.0	M	6.63	169	1.7	24.6	16.1	97	24	0.96	380	168	
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL	
	20.2	4.4	106.2	M	4.63	148	2.2	18.2	11.7	96	40	0.98	246	96	

CEDAR CREEK

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 4.44	GDD 10
01-Jun-90	28.9	17.4	0.0	M	5.32	157	2.4	25.2	19.3	82	44	1.67	399	181
02-Jun-90	24.8	8.9	71.1	M	0.39	196	2.6	22.6	16.0	96	79	2.07	411	188
03-Jun-90	11.9	3.9	16.3	M	1.86	279	3.0	16.4	13.7	98	70	0.96	415	188
04-Jun-90	19.9	2.7	0.0	M	6.95	196	1.3	21.6	11.3	99	42	0.98	422	189
05-Jun-90	24.3	10.7	11.9	M	4.14	210	2.3	21.5	15.4	97	32	1.28	435	197
06-Jun-90	24.6	10.9	0.0	M	7.21	262	2.3	23.6	15.6	96	33	1.16	448	204
07-Jun-90	25.9	9.2	0.0	M	4.42	132	1.2	22.9	17.1	97	35	1.34	461	212
08-Jun-90	26.3	15.4	0.5	M	5.80	240	3.1	25.0	18.9	93	25	1.34	478	223
09-Jun-90	26.6	13.1	0.0	M	7.69	280	2.5	26.2	18.5	96	34	1.42	493	233
10-Jun-90	29.8	12.8	0.0	M	7.45	125	1.5	26.3	19.3	96	35	1.56	510	244
11-Jun-90	21.1	17.1	26.2	M	0.74	136	2.6	23.6	20.2	95	61	1.86	524	253
12-Jun-90	31.4	20.5	5.1	M	4.47	193	1.7	26.1	20.1	94	64	2.84	546	269
13-Jun-90	35.3	15.5	2.0	M	6.23	217	1.9	27.3	21.8	95	36	2.54	567	284
14-Jun-90	31.5	16.7	0.0	M	3.53	308	1.8	28.4	24.2	73	11	1.20	587	298
15-Jun-90	23.1	14.2	1.8	M	2.87	51	2.4	24.8	21.7	98	65	1.71	601	307
16-Jun-90	* 19.4	13.8	57.2	M	0.55	51	2.8	22.2	18.4	99	93	3.31	613	314
17-Jun-90	* 23.9	17.4	15.0	M	4.23	233	2.7	24.3	19.0	97	67	3.14	629	324
18-Jun-90	28.4	16.9	0.0	M	8.26	278	1.7	28.1	19.7	96	49	1.92	647	337
19-Jun-90	26.8	16.5	7.4	M	4.85	199	1.8	26.2	20.7	99	66	2.08	665	349
20-Jun-90	29.8	15.3	1.5	M	6.68	246	2.5	26.4	21.0	99	58	1.92	683	361
21-Jun-90	26.4	13.7	0.0	M	6.74	255	1.8	26.6	20.4	99	49	1.70	698	371
22-Jun-90	23.1	13.6	5.3	M	5.54	346	1.8	26.2	21.2	98	61	1.71	712	380
23-Jun-90	26.0	12.9	0.0	M	7.94	317	1.6	28.1	19.8	99	43	1.62	727	389
24-Jun-90	28.2	14.5	0.0	M	7.72	219	1.1	28.0	20.7	100	41	1.83	744	400
25-Jun-90	34.3	17.6	0.0	M	7.08	216	1.3	28.9	22.3	99	50	2.47	766	416
26-Jun-90	32.8	17.6	0.0	M	8.02	326	1.3	30.3	24.7	98	41	2.18	786	431
27-Jun-90	26.2	17.3	4.8	M	2.16	71	1.8	27.6	24.2	99	79	2.44	804	443
28-Jun-90	33.9	20.3	19.0	M	4.08	154	1.6	27.4	23.1	97	69	2.80	826	460
29-Jun-90	36.3	20.4	0.0	M	7.28	260	1.3	31.2	23.8	97	56	3.19	850	479
30-Jun-90	30.6	18.1	0.0	M	8.13	310	1.6	31.0	25.2	98	46	2.32	870	493

MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
27.1	14.5	245.1	M	5.28	215	2.0	25.8	19.9	96	51	1.95	490	325	

01-Jul-90	31.7	17.2	0.0	M	6.14	116	1.2	28.6	24.3	99	55	2.21	890	508
02-Jul-90	31.5	17.6	0.0	M	6.27	113	1.3	29.5	24.2	99	70	2.71	910	522
03-Jul-90	38.9	21.3	0.0	M	7.53	192	2.2	31.3	25.9	89	41	2.80	936	542
04-Jul-90	27.3	15.7	0.0	M	2.98	246	1.7	29.3	25.9	97	62	2.24	953	554
05-Jul-90	25.5	12.9	0.0	M	5.78	8	1.7	26.9	22.7	99	58	1.75	968	563
06-Jul-90	25.6	11.1	0.0	M	8.06	104	1.6	27.8	21.5	100	48	1.64	982	571
07-Jul-90	25.9	17.1	17.3	M	4.45	132	2.2	27.3	22.6	98	79	2.38	999	583
08-Jul-90	30.5	17.3	5.3	M	6.93	265	2.1	29.6	25.3	98	55	2.51	1018	597
09-Jul-90	29.0	17.0	0.0	M	6.74	264	1.0	29.0	23.3	99	52	2.10	1037	610
10-Jul-90	30.6	18.3	0.0	M	5.78	44	1.4	28.3	23.2	98	53	2.06	1057	624
11-Jul-90	20.1	13.8	14.5	M	1.02	47	1.6	26.6	22.6	98	87	1.86	1069	631
12-Jul-90	22.9	8.3	0.0	M	7.73	44	3.3	26.4	19.8	100	48	1.34	1081	637
13-Jul-90	25.3	6.9	0.0	M	7.67	41	1.1	26.4	18.6	100	43	1.43	1092	643
14-Jul-90	26.2	13.2	0.0	M	5.51	37	1.1	25.8	20.6	100	52	1.85	1107	652
15-Jul-90	28.3	14.4	0.0	M	6.95	224	1.1	27.4	21.4	99	45	1.91	1124	664
16-Jul-90	29.4	15.7	1.0	M	6.73	212	1.0	29.1	23.5	98	43	2.02	1143	676
17-Jul-90	30.5	17.3	12.7	M	6.28	202	2.1	29.5	24.3	98	67	2.57	1162	690
18-Jul-90	31.5	17.1	0.0	M	6.99	199	1.0	30.4	23.7	99	44	2.25	1182	705
19-Jul-90	34.3	14.2	3.6	M	5.90	16	1.4	29.7	25.7	99	63	2.34	1202	719
20-Jul-90	26.6	13.5	0.0	M	6.45	11	1.2	28.7	22.2	100	53	1.83	1217	729
21-Jul-90	24.8	14.1	0.0	M	5.14	336	1.1	27.8	23.3	99	58	1.80	1232	738
22-Jul-90	24.3	14.1	2.0	M	6.24	266	1.3	28.3	23.7	100	51	1.79	1247	748
23-Jul-90	29.7	13.4	0.0	M	6.69	248	0.9	27.3	20.6	100	47	1.84	1264	759
24-Jul-90	30.0	14.1	0.0	M	6.05	134	1.2	28.0	22.0	99	51	1.99	1282	771
25-Jul-90	25.6	18.2	10.4	M	1.83	103	1.5	27.0	24.7	97	88	2.49	1299	783
26-Jul-90	* 27.2	18.6	81.3	M	0.25	92	1.6	25.6	23.1	97	93	3.01	1318	796
27-Jul-90	* 24.4	20.8	13.5	M	2.29	113	1.5	27.3	23.7	96	88	3.28	1336	809
28-Jul-90	* 28.9	22.3	0.3	M	4.16	169	1.0	29.7	25.3	96	77	3.37	1357	824
29-Jul-90	* 25.6	15.6	0.0	M	5.42	338	1.6	30.4	26.8	96	57	2.41	1373	835
30-Jul-90	23.6	12.3	0.0	M	7.05	10	1.8	30.1	24.1	99	51	1.56	1387	843
31-Jul-90	25.7	13.0	0.0	M	6.08	218	1.1	28.3	22.3	99	49	1.69	1402	852

MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
27.8	15.4	161.8	M	5.58	147	1.5	28.3	23.3	98	59	2.16	532	359	

CEDAR CREEK

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 4.44	GDD 10
01-Aug-90	29.9	13.9	0.0	M	6.89	159	1.5	28.4	22.1	99	56	1.94	1419	864
02-Aug-90	28.9	16.9	1.0	M	5.36	156	1.8	29.1	24.6	96	70	2.33	1437	877
03-Aug-90	33.9	19.2	9.1	M	4.34	143	1.1	29.9	26.7	97	72	3.09	1460	893
04-Aug-90	23.6	13.5	0.3	M	6.70	324	1.7	30.4	25.0	96	55	2.10	1474	902
05-Aug-90	23.1	11.3	0.0	M	6.87	13	1.8	29.4	21.5	99	49	1.46	1486	909
06-Aug-90	27.0	11.2	0.0	M	6.71	298	1.1	28.6	20.8	99	40	1.57	1501	918
07-Aug-90	28.0	12.0	0.0	M	7.02	210	1.3	28.7	21.2	99	43	1.64	1517	928
08-Aug-90	27.0	12.0	0.0	M	6.99	201	1.6	29.6	22.2	99	46	1.73	1532	938
09-Aug-90	29.4	14.4	0.0	M	5.49	210	1.1	29.9	23.8	98	57	2.08	1549	950
10-Aug-90	30.2	14.6	0.0	M	5.51	4	1.2	29.4	23.5	98	45	1.90	1567	962
11-Aug-90	22.7	10.8	0.0	M	6.70	28	2.0	29.2	24.1	98	48	1.40	1580	969
12-Aug-90	21.9	10.3	3.3	M	3.94	37	1.5	28.0	24.3	99	64	1.66	1591	975
13-Aug-90	25.1	8.3	0.0	M	6.57	190	1.0	27.8	19.9	100	44	1.49	1603	982
14-Aug-90	29.8	15.9	0.0	M	5.29	217	1.7	30.8	23.1	96	67	2.25	1622	995
15-Aug-90	28.0	11.9	0.8	M	6.71	41	1.2	30.3	24.6	98	41	1.64	1637	1004
16-Aug-90	30.6	15.0	0.0	M	5.66	172	1.3	29.7	24.2	98	61	2.55	1656	1017
17-Aug-90	30.0	21.9	3.8	M	2.99	102	1.2	30.8	26.9	96	74	3.59	1677	1033
18-Aug-90	* 26.1	14.3	53.6	M	0.62	349	1.2	30.4	25.1	96	91	2.83	1693	1043
19-Aug-90	* 21.1	14.2	2.5	M	0.31	57	M	25.1	22.6	97	95	1.89	1706	1051
20-Aug-90	* 23.5	15.2	10.2	M	0.83	54	M	24.4	21.6	97	92	2.03	1721	1060
21-Aug-90	26.1	14.5	0.0	M	5.70	63	M	28.8	22.3	97	56	1.82	1737	1071
22-Aug-90	27.5	16.3	0.0	M	6.16	90	M	30.1	22.2	97	60	2.13	1754	1083
23-Aug-90	* 30.7	17.5	0.5	M	0.75	104	M	28.3	26.0	95	91	2.57	1774	1097
24-Aug-90	* 30.0	23.2	0.0	M	3.07	114	M	31.9	26.4	95	66	3.89	1796	1113
25-Aug-90	* 31.9	18.6	47.2	M	5.39	178	M	33.9	28.1	96	70	2.94	1817	1129
26-Aug-90	* 33.2	19.8	45.7	M	5.23	105	M	35.3	29.1	96	70	2.87	1839	1145
27-Aug-90	28.9	23.4	0.0	M	3.41	44	M	36.2	31.1	95	84	3.36	1861	1161
28-Aug-90	31.3	16.7	0.0	M	5.05	270	M	36.8	31.6	96	56	2.43	1880	1175
29-Aug-90	27.9	15.3	0.0	M	5.78	88	M	35.9	29.1	97	39	1.77	1898	1187
30-Aug-90	30.2	15.7	0.0	M	5.74	128	M	35.9	28.1	97	55	2.14	1916	1200
31-Aug-90	31.2	18.7	0.0	M	4.70	169	M	37.4	32.4	96	63	2.41	1937	1215
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	28.0	15.4	178.0	M	4.92	139	M	30.7	25.0	97	62	2.24	535	563
01-Sep-90	32.6	16.5	0.0	M	5.85	266	M	37.5	30.8	97	35	2.18	1957	1229
02-Sep-90	28.7	15.9	0.0	M	5.69	72	M	36.7	30.5	96	53	2.03	1975	1242
03-Sep-90	* 28.0	16.5	11.2	M	2.39	121	M	37.8	32.2	96	77	2.49	1992	1254
04-Sep-90	29.4	20.9	0.0	M	4.06	344	M	M	M	96	75	2.74	2013	1269
05-Sep-90	* 30.0	17.2	0.0	M	3.72	106	M	M	M	M	M	M	2032	1283
06-Sep-90	* 29.7	21.6	0.0	M	3.71	341	M	M	M	M	77	M	2053	1298
07-Sep-90	* 25.0	13.3	8.6	M	5.10	53	M	39.1	32.1	97	74	1.96	2068	1307
08-Sep-90	26.4	14.6	0.0	M	3.18	107	M	35.6	29.2	97	75	2.20	2084	1318
09-Sep-90	25.0	17.4	3.6	M	2.90	63	M	33.1	28.4	96	82	2.76	2101	1329
10-Sep-90	25.9	11.8	0.0	M	4.99	49	M	31.7	26.7	97	53	1.69	2115	1338
11-Sep-90	31.0	11.3	0.0	M	5.03	146	M	31.2	24.7	97	65	2.17	2132	1349
12-Sep-90	32.4	18.7	0.0	M	5.33	114	M	33.3	27.8	96	59	2.57	2153	1365
13-Sep-90	30.5	16.0	0.0	M	5.18	183	M	32.7	28.8	97	49	2.16	2172	1378
14-Sep-90	* 18.5	8.8	6.9	M	2.29	309	M	29.8	22.8	99	70	1.42	2181	1381
15-Sep-90	22.8	8.9	0.0	M	4.03	280	M	25.6	20.0	99	57	1.35	2193	1387
16-Sep-90	15.6	5.7	0.0	M	2.45	28	M	23.1	19.5	99	71	1.12	2199	1388
17-Sep-90	18.4	4.7	0.0	M	4.31	93	M	22.1	16.3	99	61	1.17	2206	1390
18-Sep-90	* 16.5	9.8	4.8	M	0.53	77	M	20.0	18.4	98	94	1.42	2215	1393
19-Sep-90	* 22.2	7.8	2.3	M	5.02	253	M	22.8	17.2	98	44	1.49	2225	1398
20-Sep-90	* 22.2	7.4	5.1	M	1.89	99	M	20.0	15.7	98	60	1.57	2236	1403
21-Sep-90	* 16.3	7.7	2.3	M	3.13	253	M	20.3	17.9	96	68	1.27	2243	1405
22-Sep-90	12.0	5.0	0.0	M	1.82	279	M	17.9	15.4	97	79	0.96	2247	1405
23-Sep-90	14.9	1.6	0.8	M	5.20	258	M	17.2	12.3	100	45	0.80	2251	1405
24-Sep-90	24.7	3.4	0.0	M	5.08	202	M	19.1	12.3	97	48	1.20	2261	1409
25-Sep-90	28.1	8.5	0.0	M	4.93	257	M	20.9	15.0	98	30	1.30	2275	1417
26-Sep-90	26.7	5.5	0.0	M	4.43	157	M	20.8	14.6	99	38	1.29	2286	1423
27-Sep-90	21.4	10.9	0.0	M	3.22	18	M	20.8	17.8	95	45	1.19	2298	1429
28-Sep-90	16.9	3.6	0.0	M	0.67	339	0.97	19.9	17.5	99	57	0.96	2304	1429
29-Sep-90	16.5	1.0	0.0	M	3.40	4	1.06	17.9	14.1	100	48	0.89	2308	1429
30-Sep-90	17.5	0.5	2.3	M	3.96	164	1.13	17.1	12.3	100	51	1.00	2313	1429
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	23.5	10.4	47.7	M	3.78	168	M	23.5	19.0	91	58	1.51	376	214

## CEDAR CREEK

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 4.44	GDD 10
01-Oct-90	19.7	3.1	0.0	M	4.58	258	1.87	17.7	14.2	99	33	0.94	2320	1431
02-Oct-90	24.6	2.4	0.3	M	3.12	139	2.16	18.1	12.1	99	46	1.26	2329	1434
03-Oct-90	20.5	6.4	23.1	M	1.56	226	2.66	20.1	17.5	97	61	1.39	2338	1438
04-Oct-90	17.8	4.1	0.3	M	4.47	239	2.66	17.8	14.4	96	34	0.79	2344	1439
05-Oct-90	27.1	5.1	0.0	M	4.00	168	0.96	20.4	14.6	98	45	1.41	2356	1445
06-Oct-90	15.6	3.4	0.5	M	2.90	8	2.22	18.3	16.0	96	64	0.99	2361	1445
07-Oct-90	11.5	0.0	0.8	M	3.82	16	1.19	16.2	13.3	99	44	0.69	2362	1445
08-Oct-90	9.8	0.1	0.0	M	1.80	106	0.73	14.3	11.9	100	67	0.73	2363	1445
09-Oct-90	12.5	-4.1	0.0	M	4.00	50	0.95	13.0	8.8	100	30	0.53	2363	1445
10-Oct-90	12.3	-6.2	0.0	M	3.86	53	0.94	11.6	6.9	100	35	0.51	2363	1445
11-Oct-90	17.1	-3.7	5.8	M	3.03	217	1.33	12.3	7.2	100	52	0.79	2365	1445
12-Oct-90	14.3	-0.3	1.3	M	3.66	197	0.93	12.6	9.0	100	42	0.75	2368	1445
13-Oct-90	17.2	6.2	3.3	M	2.25	152	1.77	13.2	9.9	97	54	0.92	2375	1447
14-Oct-90	16.2	4.1	0.0	M	3.23	240	1.96	14.1	11.5	98	41	0.92	2381	1447
15-Oct-90	15.1	-0.4	0.0	M	2.94	218	1.48	12.3	8.8	94	40	0.68	2383	1447
16-Oct-90	12.7	-0.6	2.8	M	1.34	71	1.60	11.7	8.7	99	63	0.89	2385	1447
17-Oct-90	11.6	1.2	14.0	M	M	26	4.07	11.8	9.7	99	96	1.05	2387	1447
18-Oct-90	5.2	-4.8	0.0	M	1.97	335	2.31	9.8	7.2	100	66	0.55	2387	1447
19-Oct-90	10.1	-5.0	0.0	M	1.62	121	1.65	8.8	5.7	100	60	0.62	2387	1447
20-Oct-90 *	7.1	2.7	15.7	M	0.50	2	0.74	8.6	7.0	98	75	0.84	2388	1447
21-Oct-90	8.5	-3.6	0.0	M	2.78	266	1.71	8.9	6.4	100	50	0.62	2388	1447
22-Oct-90	12.9	-2.0	0.0	M	1.99	162	1.53	8.9	5.2	100	50	0.71	2389	1447
23-Oct-90	16.6	1.0	0.0	M	2.85	261	1.86	10.0	7.1	99	31	0.75	2393	1447
24-Oct-90	10.8	-4.2	0.0	M	2.26	297	1.32	8.2	5.4	100	44	0.54	2393	1447
25-Oct-90 *	10.7	3.4	0.0	M	3.17	143	1.56	7.2	5.9	69	48	0.56	2395	1447
26-Oct-90 *	19.2	2.8	0.0	M	3.17	162	2.03	9.0	5.2	77	44	0.79	2402	1448
27-Oct-90 *	13.0	0.5	0.0	M	2.90	272	3.60	9.3	7.5	78	31	0.61	2404	1448
28-Oct-90 *	11.0	-6.1	0.0	M	3.17	144	1.16	7.5	4.7	99	39	0.47	2404	1448
29-Oct-90	16.8	1.3	0.0	M	2.85	147	1.21	8.4	5.0	93	41	0.69	2409	1448
30-Oct-90	18.6	-0.5	0.0	M	3.02	49	0.95	8.8	5.4	99	35	0.68	2414	1448
31-Oct-90	19.8	-0.4	0.0	M	2.80	132	1.31	9.1	5.3	98	59	1.02	2419	1448
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	14.7	0.2	67.8	M	2.76	157	1.7	12.2	9.0	96	49	0.80	106	19



CLOQUET

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 4.44	GDD 10
01-Apr-90	5.6	-5.6	3.6	M	1.24	332	2.7	2.4	2.4	96	71	0.61	0	0
02-Apr-90	-1.4	-7.9	1.0	M	2.98	8	0.6	2.4	2.4	96	79	0.38	0	0
03-Apr-90	8.9	-12.4	0.0	M	5.59	139	0.5	2.4	2.4	95	47	0.42	0	0
04-Apr-90	9.5	-2.7	0.0	M	6.14	328	4.5	2.4	2.4	94	40	0.46	0	0
05-Apr-90	-1.1	-9.7	0.0	M	5.24	321	4.8	2.5	2.4	92	42	0.24	0	0
06-Apr-90	-1.0	-13.1	0.3	M	6.20	318	1.8	2.4	2.4	90	48	0.22	0	0
07-Apr-90	6.6	-10.6	0.0	M	6.10	270	1.2	7.9	2.4	89	34	0.30	0	0
08-Apr-90	10.9	-7.1	0.0	M	6.05	93	1.7	13.1	2.4	95	27	0.40	0	0
09-Apr-90	3.3	-3.1	0.3	M	0.99	82	2.1	5.2	3.0	97	50	0.56	0	0
10-Apr-90	5.6	-6.0	0.0	M	4.80	326	3.6	5.5	2.5	97	37	0.36	0	0
11-Apr-90	0.4	-7.4	0.0	M	5.30	316	3.2	4.6	2.6	62	40	0.23	0	0
12-Apr-90	17.2	-6.8	0.0	M	6.29	282	1.6	6.7	2.6	85	35	0.32	1	0
13-Apr-90	14.4	-7.3	0.0	M	6.28	264	1.8	7.8	2.9	93	19	0.34	1	0
14-Apr-90	16.1	-5.7	0.3	M	4.26	293	2.8	7.3	3.5	93	24	0.50	1	0
15-Apr-90	8.1	-3.9	0.5	M	5.28	304	1.2	7.6	3.6	78	24	0.33	1	0
16-Apr-90	5.5	-4.2	0.0	M	5.08	322	4.6	7.8	4.3	92	31	0.34	1	0
17-Apr-90	8.3	-7.8	0.0	M	6.99	292	3.3	8.3	3.6	49	24	0.22	1	0
18-Apr-90	15.8	-2.7	0.0	M	7.09	220	2.8	10.3	4.2	52	19	0.32	4	0
19-Apr-90	14.2	7.3	0.0	M	5.16	208	3.1	11.3	7.3	91	30	0.66	10	1
20-Apr-90	23.9	3.4	0.0	M	6.43	83	1.7	14.6	8.9	95	16	0.74	19	4
21-Apr-90	25.7	0.1	0.0	M	6.85	162	1.6	15.4	9.4	89	26	0.82	28	7
22-Apr-90	27.5	6.2	0.0	M	6.25	192	2.0	16.6	11.6	90	31	1.12	40	14
23-Apr-90	29.4	5.6	0.3	M	5.43	140	1.0	17.1	12.6	93	29	1.14	53	22
24-Apr-90	28.6	11.2	11.7	M	4.75	193	1.0	19.3	14.2	94	40	1.75	68	31
25-Apr-90	28.0	10.9	8.6	M	4.93	187	1.5	19.7	14.9	93	51	1.80	83	41
26-Apr-90	22.7	11.9	17.0	M	2.97	203	1.6	18.7	16.1	95	63	1.77	96	48
27-Apr-90	12.0	3.1	15.2	M	0.69	62	2.0	17.1	12.8	93	92	0.96	99	48
28-Apr-90	7.0	1.9	13.0	M	1.27	95	1.6	12.9	11.4	93	89	0.78	99	48
29-Apr-90	4.1	-1.3	16.0	M	0.64	307	0.6	11.5	8.6	94	89	0.63	99	48
30-Apr-90	7.9	-3.7	4.1	M	5.62	256	2.6	11.6	6.8	95	43	0.47	99	48
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	12.1	-2.2	91.7	M	4.76	220	2.2	9.7	6.2	89	43	0.64	99	48
01-May-90	7.6	-3.4	0.0	M	5.03	278	1.2	11.1	7.2	87	37	0.39	99	48
02-May-90	15.3	-3.3	0.0	M	7.22	260	1.4	14.0	6.7	92	24	0.47	101	48
03-May-90	21.4	-2.2	0.0	M	7.08	127	0.8	15.7	9.0	95	23	0.57	106	48
04-May-90	19.5	-0.7	0.0	M	4.58	109	0.6	15.3	10.8	94	34	0.66	111	48
05-May-90	19.4	-0.9	0.0	M	6.17	329	1.6	15.7	10.6	96	19	0.56	116	48
06-May-90	22.9	-3.4	0.0	M	7.42	255	0.9	16.9	10.6	95	18	0.53	121	48
07-May-90	19.3	3.8	0.0	M	6.55	95	4.5	17.3	12.8	91	44	0.70	128	50
08-May-90	20.7	3.8	1.3	M	4.91	317	2.2	17.0	13.1	95	19	0.73	136	52
09-May-90	8.6	0.3	0.3	M	2.09	92	1.7	15.1	11.9	96	69	0.76	136	52
10-May-90	12.4	-2.4	1.3	M	6.52	331	2.7	15.3	10.6	96	24	0.52	137	52
11-May-90	19.9	-4.1	0.0	M	7.06	253	1.6	16.4	10.0	95	17	0.49	140	52
12-May-90	18.5	0.8	0.0	M	8.02	332	1.2	18.3	12.4	90	20	0.54	145	52
13-May-90	20.3	-1.2	0.3	M	4.26	210	1.5	15.9	12.9	94	33	0.79	151	52
14-May-90	11.8	6.7	9.7	M	1.44	108	0.7	14.8	13.2	94	81	1.05	155	52
15-May-90	8.7	5.2	0.0	M	1.51	86	2.8	13.3	12.2	94	89	0.94	158	52
16-May-90	14.0	7.1	3.6	M	1.35	240	0.9	13.3	11.5	93	73	1.08	164	53
17-May-90	9.3	3.6	0.3	M	2.46	295	2.9	12.9	11.3	93	73	0.81	166	53
18-May-90	16.4	2.4	0.0	M	6.75	316	1.4	16.7	10.5	94	39	0.73	171	53
19-May-90	10.0	0.6	0.0	M	2.02	83	3.3	14.2	11.5	94	49	0.63	172	53
20-May-90	14.6	0.5	0.0	M	8.30	88	2.7	17.3	9.8	90	54	0.77	175	53
21-May-90	16.5	1.7	0.0	M	5.68	105	1.0	16.7	12.1	95	49	0.80	180	53
22-May-90	16.9	6.2	7.1	M	2.53	154	0.8	15.2	13.5	93	55	1.08	187	54
23-May-90	19.7	5.3	6.1	M	8.19	103	1.2	19.9	12.6	94	54	1.05	195	57
24-May-90	25.5	5.3	0.0	M	7.77	93	0.8	20.2	14.2	94	13	1.00	206	62
25-May-90	20.0	6.7	20.3	M	5.65	89	1.8	19.6	14.6	100	57	1.12	215	65
26-May-90	13.3	7.4	6.4	M	1.27	92	0.6	17.3	15.1	100	80	1.24	221	66
27-May-90	24.6	7.0	0.5	M	8.43	97	0.9	21.3	13.8	100	39	1.28	232	72
28-May-90	22.9	4.6	0.0	M	7.20	81	1.6	20.6	15.8	100	42	1.00	241	75
29-May-90	17.5	0.8	0.0	M	8.74	94	2.9	21.2	15.3	84	37	0.69	246	75
30-May-90	24.7	-1.4	0.0	M	8.73	134	1.1	21.6	15.1	100	20	0.69	253	77
31-May-90	25.9	5.0	0.0	M	8.27	211	1.7	21.9	16.3	94	22	0.97	264	82
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	17.4	2.0	56.9	M	5.59	176	1.6	16.8	12.2	94	42	0.79	165	34

CLOQUET

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 4.44	GDD 10
01-Jun-90	27.9	15.0	0.0	M	6.83	180	2.0	22.7	18.1	90	52	1.64	281	94
02-Jun-90	22.8	14.1	16.3	M	2.02	119	0.9	21.1	18.6	100	79	1.90	295	102
03-Jun-90	14.1	2.0	7.1	M	3.20	334	2.4	18.6	15.0	100	63	1.00	299	102
04-Jun-90	20.5	0.7	0.0	M	8.06	252	0.5	20.2	12.8	100	38	0.88	305	103
05-Jun-90	22.4	7.9	3.8	M	2.80	252	1.6	17.7	15.1	100	40	1.21	316	108
06-Jun-90	23.3	7.9	0.0	M	6.99	287	1.7	20.3	14.7	99	41	1.22	327	114
07-Jun-90	26.5	5.3	0.0	M	6.79	209	0.8	21.2	15.5	100	36	1.25	338	120
08-Jun-90	23.4	12.4	16.5	M	4.34	263	1.9	21.0	17.4	100	45	1.60	352	127
09-Jun-90	24.2	12.2	1.5	M	5.22	312	1.9	21.1	17.4	100	53	1.58	365	136
10-Jun-90	29.1	9.9	0.0	M	7.86	117	1.6	23.7	17.3	100	43	1.54	380	145
11-Jun-90	18.8	9.8	15.2	M	1.36	144	1.2	21.1	17.7	100	89	1.64	390	149
12-Jun-90	28.2	13.9	1.0	M	3.89	123	0.5	21.8	17.3	100	78	2.16	407	160
13-Jun-90	29.6	11.9	0.0	M	7.59	249	1.9	24.7	18.9	100	40	2.00	423	171
14-Jun-90	26.9	8.7	0.0	M	7.84	269	1.6	24.2	18.8	100	34	1.30	437	179
15-Jun-90	16.2	8.5	5.3	M	3.16	89	0.9	21.7	18.0	100	74	1.26	444	181
16-Jun-90	12.6	8.1	10.4	M	1.21	93	1.9	18.0	16.2	100	97	1.22	450	182
17-Jun-90	21.7	10.9	2.3	M	2.67	258	1.3	18.6	15.2	100	90	1.73	462	188
18-Jun-90	27.0	13.2	0.3	M	7.31	307	1.9	22.7	16.4	100	48	1.68	478	198
19-Jun-90	18.4	8.9	1.3	M	3.48	116	1.3	20.3	17.8	100	78	1.39	487	202
20-Jun-90	22.8	10.5	0.5	M	6.31	273	2.5	21.4	16.5	100	64	1.65	499	208
21-Jun-90	20.8	12.9	8.1	M	4.48	294	0.9	20.4	17.3	100	76	1.71	512	215
22-Jun-90	21.4	12.8	8.6	M	4.08	341	1.7	19.8	16.7	100	73	1.68	524	222
23-Jun-90	25.5	10.5	0.8	M	7.75	332	1.1	22.5	16.4	99	45	1.45	538	230
24-Jun-90	27.9	8.4	0.0	M	8.01	263	0.5	23.8	17.4	100	44	1.51	552	238
25-Jun-90	31.5	10.4	0.0	M	7.68	254	0.6	25.3	18.6	100	48	1.90	568	249
26-Jun-90	30.5	13.8	29.7	M	7.88	343	1.4	25.9	19.0	100	45	2.21	586	262
27-Jun-90	19.4	10.5	3.8	M	2.90	102	2.9	22.8	19.4	100	85	1.43	596	266
28-Jun-90	21.3	11.6	0.8	M	2.81	109	1.6	20.6	18.3	100	86	1.57	608	273
29-Jun-90	30.9	12.1	0.0	M	7.07	262	0.8	24.6	17.5	100	57	2.13	625	284
30-Jun-90	29.0	12.0	0.0	M	8.31	325	1.1	25.9	20.0	100	46	1.92	641	295

MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
23.8	10.2	133.4	M	5.33	229	1.4	21.8	17.2	100	60	1.58	377	218

01-Jul-90	27.1	9.9	0.0	M	5.51	140	0.7	23.7	20.0	100	53	1.65	655	303
02-Jul-90	31.7	13.2	0.0	M	6.54	175	0.7	25.1	19.7	100	66	2.49	673	316
03-Jul-90	37.2	19.7	0.0	M	7.63	223	1.8	27.4	21.7	98	53	2.84	698	334
04-Jul-90	29.6	15.8	0.0	M	6.91	296	1.8	26.7	23.1	97	39	1.88	716	347
05-Jul-90	19.9	9.4	0.0	M	3.76	47	0.7	24.2	21.4	100	75	1.57	726	352
06-Jul-90	23.9	7.3	0.0	M	7.84	116	0.7	24.6	19.1	100	51	1.34	737	357
07-Jul-90	19.2	12.4	12.4	M	1.14	127	0.5	22.2	19.5	100	89	1.80	748	363
08-Jul-90	26.6	14.3	18.8	M	7.24	312	1.8	23.8	16.9	100	55	2.12	764	373
09-Jul-90	28.1	12.5	0.0	M	7.48	299	1.1	24.3	18.8	100	46	1.69	780	384
10-Jul-90	24.8	10.6	0.0	M	7.54	94	0.8	24.6	19.1	100	59	1.56	794	391
11-Jul-90	19.0	8.4	0.0	M	2.94	84	0.5	21.9	19.0	100	56	1.33	803	395
12-Jul-90	21.6	6.5	0.0	M	8.15	85	1.7	23.2	16.9	100	44	1.19	812	399
13-Jul-90	27.1	4.7	0.0	M	8.19	310	0.4	23.9	17.7	100	38	1.28	824	405
14-Jul-90	27.9	9.3	0.0	M	7.07	83	0.6	24.2	19.0	100	42	1.47	838	414
15-Jul-90	28.2	9.8	0.0	M	6.78	266	0.9	24.1	19.4	100	34	1.58	853	423
16-Jul-90	28.8	14.4	0.0	M	7.45	266	0.9	25.1	20.2	99	37	1.61	870	434
17-Jul-90	29.4	13.3	11.2	M	6.36	217	0.9	25.7	20.1	99	69	2.28	887	446
18-Jul-90	28.8	13.9	0.0	M	7.32	287	0.5	25.8	20.0	99	44	1.77	904	457
19-Jul-90	26.1	12.7	0.0	M	7.11	331	0.7	25.6	20.7	99	48	1.69	919	466
20-Jul-90	23.8	9.1	0.0	M	5.26	305	0.8	23.1	19.8	100	55	1.51	931	473
21-Jul-90	24.6	12.1	0.0	M	6.81	310	0.5	24.0	19.2	100	49	1.58	944	481
22-Jul-90	22.4	10.3	2.8	M	5.53	305	0.6	23.4	20.1	100	58	1.60	956	488
23-Jul-90	26.6	8.8	0.0	M	7.19	288	0.6	23.8	17.9	100	43	1.49	970	495
24-Jul-90	28.5	9.3	0.0	M	7.09	199	0.8	24.1	18.7	100	42	1.57	984	504
25-Jul-90	26.4	13.0	0.0	M	3.27	126	1.1	22.5	19.7	99	78	2.18	999	514
26-Jul-90	23.7	19.2	31.0	M	1.32	118	0.8	20.5	19.5	98	96	2.51	1016	525
27-Jul-90	23.2	19.1	3.0	M	1.12	124	0.9	20.0	18.8	97	95	2.29	1033	537
28-Jul-90	27.7	19.6	0.0	M	3.81	125	0.5	22.7	18.8	97	82	2.57	1052	550
29-Jul-90	26.0	14.1	0.0	M	5.78	332	1.5	23.4	19.6	97	53	1.96	1068	560
30-Jul-90	23.2	10.0	0.0	M	7.84	336	0.8	23.7	18.3	99	43	1.31	1080	567
31-Jul-90	26.2	7.3	0.0	M	7.70	270	0.5	23.8	17.9	100	44	1.39	1092	574

MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
26.1	11.9	79.2	M	5.99	213	0.9	23.9	19.4	99	56	1.78	451	272

CLOQUET

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 4.44	GDD 10
01-Aug-90	26.9	11.4	0.0	M	7.28	200	0.6	23.8	18.6	99	57	1.74	1107	583
02-Aug-90	29.3	14.7	0.0	M	6.30	193	0.8	24.1	19.5	97	63	2.11	1125	595
03-Aug-90	30.5	17.3	0.0	M	5.06	249	0.8	24.8	20.8	98	59	2.34	1144	609
04-Aug-90	23.2	13.0	0.0	M	5.89	325	2.5	23.4	20.6	98	55	1.59	1158	617
05-Aug-90	22.8	8.6	0.0	M	6.44	354	1.1	22.7	18.7	100	44	1.27	1169	622
06-Aug-90	27.1	7.3	0.0	M	7.02	297	0.6	23.3	18.0	100	37	1.34	1182	630
07-Aug-90	27.2	9.7	0.0	M	7.43	249	0.8	23.9	18.4	100	39	1.42	1196	638
08-Aug-90	28.0	10.5	0.0	M	7.34	231	1.2	24.3	18.9	98	51	1.70	1211	647
09-Aug-90	27.8	11.7	0.0	M	6.24	300	0.9	24.3	20.1	98	40	1.66	1226	657
10-Aug-90	24.4	9.2	0.0	M	5.01	57	0.7	23.1	19.6	100	50	1.64	1238	664
11-Aug-90	20.3	10.0	0.0	M	4.03	29	0.6	21.5	18.9	100	58	1.37	1249	669
12-Aug-90	22.2	6.3	0.5	M	6.27	66	0.5	22.1	18.2	100	52	1.33	1259	673
13-Aug-90	24.2	4.8	0.0	M	6.95	232	0.8	22.6	17.2	100	41	1.22	1269	678
14-Aug-90	27.8	10.9	0.0	M	5.88	288	0.9	23.3	17.7	97	50	1.72	1284	687
15-Aug-90	26.5	7.4	0.0	M	6.83	137	0.5	23.1	17.2	100	41	1.33	1296	694
16-Aug-90	31.3	9.5	0.0	M	6.30	218	1.1	23.8	17.9	99	56	2.01	1312	704
17-Aug-90	29.4	16.8	1.0	M	3.91	113	1.1	23.6	19.9	98	75	2.49	1331	717
18-Aug-90	17.4	13.2	25.4	M	2.24	82	6.4	21.7	17.8	99	77	1.54	1342	723
19-Aug-90	13.7	9.8	0.0	M	1.53	82	4.9	17.8	15.8	95	81	1.24	1349	725
20-Aug-90	21.3	10.1	0.0	M	5.11	89	1.9	20.0	15.2	97	69	1.40	1360	730
21-Aug-90	24.8	9.2	0.0	M	6.51	96	0.4	22.0	16.4	100	59	1.53	1373	737
22-Aug-90	27.3	6.9	0.0	M	6.78	122	0.5	22.5	16.4	100	59	1.57	1385	744
23-Aug-90	22.0	10.8	1.0	M	1.03	126	0.4	19.7	17.9	99	95	1.94	1397	751
24-Aug-90	27.6	19.9	0.5	M	2.67	113	0.5	21.3	17.8	97	82	2.61	1417	764
25-Aug-90	29.3	18.6	46.0	M	5.20	213	0.6	23.4	17.7	97	68	2.61	1436	778
26-Aug-90	27.0	16.8	34.3	M	4.73	134	1.0	23.0	18.1	98	72	2.36	1454	790
27-Aug-90	29.5	15.7	0.0	M	5.78	118	0.6	24.2	18.6	97	76	2.46	1472	803
28-Aug-90	26.0	14.6	0.0	M	6.43	310	0.8	23.4	19.2	97	40	1.67	1488	813
29-Aug-90	26.9	11.4	0.0	M	6.41	279	0.7	22.8	17.8	99	36	1.45	1502	822
30-Aug-90	29.7	12.2	0.0	M	6.21	213	1.0	23.0	17.7	96	46	1.84	1519	833
31-Aug-90	28.0	16.4	1.8	M	4.03	191	1.0	22.3	19.0	97	72	2.27	1537	845

MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
25.8	11.8	110.5	M	5.45	184	1.2	22.7	18.2	98	58	1.77	445	271	

01-Sep-90	27.0	11.0	0.0	M	6.30	304	1.6	22.4	17.6	98	40	1.53	1551	854
02-Sep-90	24.3	8.7	0.0	M	6.00	100	1.0	21.9	17.0	99	62	1.60	1563	861
03-Sep-90	22.0	13.9	3.8	M	0.67	126	1.0	19.4	17.8	98	96	2.06	1577	869
04-Sep-90	28.5	12.9	0.3	M	4.32	338	0.8	22.1	17.6	96	57	2.51	1593	880
05-Sep-90	25.5	12.3	0.3	M	2.30	97	1.0	20.9	17.0	98	84	2.10	1608	889
06-Sep-90	27.1	15.2	214.4	M	3.38	326	0.8	21.0	16.7	99	75	2.59	1624	900
07-Sep-90	15.9	8.3	0.3	M	1.69	85	2.5	18.9	15.9	99	90	1.38	1632	902
08-Sep-90	22.5	8.5	0.0	M	2.71	209	0.7	18.4	14.9	99	79	1.81	1643	907
09-Sep-90	24.7	13.7	0.0	M	3.65	338	0.9	19.3	15.3	97	61	1.91	1658	916
10-Sep-90	21.3	8.5	0.0	M	5.33	338	0.6	19.3	14.9	98	46	1.23	1668	921
11-Sep-90	25.8	8.0	0.0	M	3.73	159	0.5	18.4	14.1	98	80	1.81	1681	928
12-Sep-90	24.5	12.5	0.8	M	2.58	88	3.2	19.0	16.1	98	87	2.01	1695	937
13-Sep-90	29.8	13.8	0.0	M	4.45	211	1.8	20.6	12.5	97	54	1.93	1712	949
14-Sep-90	18.0	7.7	29.7	M	2.71	322	2.7	16.6	14.4	99	75	1.28	1721	951
15-Sep-90	19.5	8.1	0.8	M	3.97	322	2.7	16.9	13.3	98	59	1.19	1730	955
16-Sep-90	11.9	6.5	0.5	M	1.63	54	0.5	14.5	12.7	98	82	1.07	1735	955
17-Sep-90	14.9	3.8	0.0	M	2.77	149	0.5	14.6	11.6	99	69	1.04	1740	955
18-Sep-90	14.7	6.0	3.0	M	1.55	184	0.5	13.3	11.2	99	85	1.24	1745	956
19-Sep-90	20.3	5.1	2.3	M	5.22	287	1.1	16.4	11.8	99	41	1.16	1754	958
20-Sep-90	15.4	3.8	2.0	M	1.49	104	0.6	13.5	11.4	99	79	1.23	1759	958
21-Sep-90	14.8	7.3	9.7	M	1.56	288	1.8	13.4	11.8	97	76	1.22	1765	959
22-Sep-90	12.4	2.6	0.5	M	2.98	322	3.2	13.0	10.7	98	69	0.90	1769	959
23-Sep-90	13.5	-0.2	0.0	M	5.07	310	1.4	12.7	8.2	99	46	0.73	1771	959
24-Sep-90	23.1	4.4	0.0	M	4.61	237	0.5	13.8	8.8	97	47	1.13	1780	963
25-Sep-90	26.3	6.3	0.0	M	4.75	305	0.7	15.3	10.4	98	38	1.23	1792	969
26-Sep-90	25.7	4.2	0.0	M	4.61	257	0.5	15.1	10.4	98	32	1.12	1802	974
27-Sep-90	19.7	7.1	0.0	M	4.35	331	0.5	14.7	11.1	92	44	1.04	1811	978
28-Sep-90	15.0	2.4	0.0	M	3.20	330	0.5	12.9	10.3	100	52	0.89	1816	978
29-Sep-90	13.2	1.4	1.3	M	3.08	0	0.7	12.0	9.4	100	61	0.90	1818	978
30-Sep-90	14.7	1.5	0.0	M	3.39	224	0.6	12.1	8.8	100	59	0.93	1822	978

MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
20.4	7.5	269.5	M	3.47	225	1.2	16.7	13.1	98	64	1.43	285	133	

CLOQUET

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 4.44	GDD 10
01-Oct-90	18.1	2.0	2.0	M	4.34	296	1.5	12.5	9.0	99	31	0.87	1828	978
02-Oct-90	19.5	1.1	0.0	M	2.69	140	1.7	11.4	7.7	100	43	1.01	1834	978
03-Oct-90	18.0	6.2	31.0	M	1.13	263	2.0	12.2	10.1	97	73	1.33	1841	980
04-Oct-90	13.1	3.6	0.0	M	4.32	274	2.1	11.0	8.1	95	41	0.72	1845	980
05-Oct-90	21.7	0.8	0.0	M	3.98	140	0.5	11.7	7.1	99	42	0.85	1852	981
06-Oct-90	9.6	3.2	0.0	M	1.82	331	1.4	10.2	8.7	97	56	0.78	1854	981
07-Oct-90	9.9	-1.4	0.0	M	3.54	320	0.5	9.5	7.0	98	42	0.55	1854	981
08-Oct-90	8.8	-3.5	0.0	M	1.84	25	0.5	8.4	6.1	100	63	0.61	1854	981
09-Oct-90	11.3	-6.0	0.0	M	4.16	236	0.5	7.8	4.0	100	34	0.48	1854	981
10-Oct-90	11.1	-6.6	0.0	M	4.14	97	0.8	7.0	3.3	99	35	0.47	1854	981
11-Oct-90	13.1	-3.7	0.0	M	2.17	282	0.5	6.9	3.6	99	52	0.68	1854	981
12-Oct-90	12.3	0.0	4.3	M	3.96	238	0.5	7.9	4.5	100	39	0.67	1856	981
13-Oct-90	14.8	3.8	0.0	M	3.06	168	0.8	8.3	5.4	95	46	0.76	1861	981
14-Oct-90	12.0	4.4	1.5	M	1.63	272	1.2	8.1	6.4	98	62	0.89	1865	981
15-Oct-90	11.7	0.5	0.0	M	2.78	260	0.8	7.5	4.6	99	45	0.70	1866	981
16-Oct-90	14.2	-1.5	0.0	M	2.21	136	0.5	7.7	4.6	100	47	0.80	1868	981
17-Oct-90	7.9	-0.0	35.8	M	0.16	55	4.1	7.0	4.1	99	98	0.83	1868	981
18-Oct-90	0.3	-2.6	9.7	M	1.14	335	0.6	4.1	3.4	100	89	0.54	1868	981
19-Oct-90	3.2	-3.9	0.0	M	1.47	131	0.4	3.4	2.9	99	84	0.58	1868	981
20-Oct-90	4.6	-0.0	9.7	M	0.40	99	0.4	3.4	2.3	99	89	0.72	1868	981
21-Oct-90	4.8	-2.4	0.5	M	1.48	280	0.4	4.1	2.4	99	68	0.61	1868	981
22-Oct-90	9.8	-2.6	0.0	M	1.61	200	0.4	4.1	1.5	99	56	0.63	1868	981
23-Oct-90	14.4	-2.1	0.0	M	3.11	295	0.4	4.4	1.8	99	41	0.63	1870	981
24-Oct-90	7.3	-3.1	0.3	M	2.17	312	0.4	3.2	1.4	100	55	0.56	1870	981
25-Oct-90	7.4	-5.7	0.0	M	3.13	205	0.4	2.5	0.7	99	54	0.51	1870	981
26-Oct-90	15.2	0.2	0.0	M	3.16	198	0.4	3.5	0.7	83	49	0.72	1873	981
27-Oct-90	11.6	-1.5	0.0	M	2.02	304	0.4	4.0	2.2	90	53	0.63	1874	981
28-Oct-90	6.4	-4.9	0.0	M	2.99	231	0.4	2.2	0.7	94	47	0.42	1874	981
29-Oct-90	13.7	-1.2	0.0	M	2.98	215	0.4	2.5	0.3	97	43	0.56	1876	981
30-Oct-90	15.6	-3.0	0.0	M	3.04	63	0.4	2.5	0.4	99	41	0.60	1877	981
31-Oct-90	15.1	-2.0	0.0	M	2.78	120	0.4	2.6	0.3	100	60	0.77	1879	981
MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL	
11.5	-1.0	94.7	M	2.56	210	0.8	6.5	4.0	98	54	0.69	57	3	

## CROOKSTON

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 4.44	GDD 7.22
01-Apr-90 *	15.6	0.0	11.9	M	M	M	M	M	M	M	M	M	3	1
02-Apr-90	5.2	-1.6	0.0	M	1.01	121	1.6	8.3	1.9	82	45	0.42	3	1
03-Apr-90	11.4	-1.4	0.0	M	4.11	193	4.8	6.2	0.0	96	63	0.65	4	1
04-Apr-90	3.3	-5.5	0.0	M	2.87	345	4.7	3.5	0.2	97	71	0.55	4	1
05-Apr-90	-1.2	-8.5	0.0	M	4.44	341	5.8	0.3	-0.2	79	56	0.28	4	1
06-Apr-90	0.5	-10.5	0.0	M	5.84	334	2.9	-0.2	-0.4	91	52	0.29	4	1
07-Apr-90	9.9	-6.0	0.0	M	4.91	244	3.0	-0.2	-0.3	97	47	0.48	4	1
08-Apr-90	9.7	-3.4	1.5	M	3.36	99	2.8	3.4	-0.2	98	44	0.55	4	1
09-Apr-90	8.2	0.4	0.0	M	3.65	26	3.5	7.6	0.4	96	49	0.65	4	1
10-Apr-90	0.4	-4.1	0.0	M	4.26	349	4.8	3.4	0.1	91	54	0.36	4	1
11-Apr-90	1.2	-4.8	0.0	M	2.78	334	2.9	0.3	-0.2	83	55	0.35	4	1
12-Apr-90	10.1	-6.2	0.0	M	5.65	230	2.8	6.9	-0.3	95	41	0.45	4	1
13-Apr-90	12.1	-2.5	0.0	M	6.33	332	2.5	10.4	0.1	89	38	0.53	4	1
14-Apr-90	8.9	-1.6	0.0	M	2.98	316	4.5	5.9	0.6	89	62	0.54	4	1
15-Apr-90	14.6	-5.3	1.8	M	4.20	265	4.2	5.9	-0.1	94	34	0.49	4	1
16-Apr-90	2.4	-5.9	0.0	M	4.75	343	4.6	3.8	0.1	98	44	0.40	4	1
17-Apr-90	12.6	-7.0	0.0	M	6.86	247	3.9	6.4	-0.2	78	22	0.34	4	1
18-Apr-90	18.8	-1.3	0.0	M	6.39	188	7.3	8.6	0.1	61	16	0.37	9	2
19-Apr-90	24.5	5.0	0.0	M	6.55	198	5.0	16.0	2.6	59	18	0.62	19	10
20-Apr-90	25.1	1.9	0.0	M	6.82	117	1.8	18.5	3.4	78	14	0.53	28	16
21-Apr-90	30.2	8.5	0.0	M	6.86	184	5.0	19.4	6.5	45	11	0.52	43	28
22-Apr-90	30.6	12.5	0.0	M	4.75	153	7.4	18.1	8.9	81	26	1.11	60	42
23-Apr-90	32.3	18.1	0.0	M	5.93	175	6.0	21.7	12.0	70	12	1.29	81	60
24-Apr-90	31.3	14.4	4.1	M	5.55	147	2.8	23.2	11.5	93	26	1.59	99	76
25-Apr-90	26.2	9.8	0.3	M	5.80	208	5.5	20.0	12.4	90	44	1.53	113	87
26-Apr-90	9.9	0.4	0.0	M	1.63	354	4.0	13.8	5.5	96	86	0.82	114	87
27-Apr-90	4.7	-0.4	34.0	M	1.35	2	4.4	5.5	3.0	97	95	0.68	114	87
28-Apr-90	3.6	-0.9	2.8	M	3.18	321	4.3	3.0	0.7	97	84	0.63	114	87
29-Apr-90	3.1	-1.7	0.0	M	5.70	240	3.8	4.2	0.5	97	54	0.51	114	87
30-Apr-90	2.8	-1.5	0.0	M	5.15	264	6.1	5.4	0.4	95	66	0.53	114	87
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	12.3	-0.3	56.4	M	4.46	222	4.1	8.3	2.3	84	44	0.60	114	87
01-May-90	8.7	-2.4	0.0	M	7.15	274	4.1	10.0	0.5	94	46	0.51	114	87
02-May-90	15.1	-0.1	0.0	M	7.33	276	2.7	15.5	1.5	93	28	0.55	117	87
03-May-90	23.4	1.4	0.0	M	6.43	113	3.5	16.8	3.8	95	17	0.64	125	92
04-May-90	18.9	5.1	0.0	M	6.76	1	2.8	17.8	5.9	96	26	0.85	132	97
05-May-90	18.3	1.9	0.0	M	7.73	351	3.0	18.2	6.0	74	16	0.47	138	100
06-May-90	26.1	1.6	0.0	M	7.71	205	4.4	20.0	5.8	65	14	0.53	147	107
07-May-90	30.0	9.6	0.0	M	6.57	237	5.4	22.3	11.6	86	20	0.88	163	119
08-May-90	18.0	3.1	0.0	M	5.54	332	4.3	18.4	10.6	91	28	0.78	169	123
09-May-90	7.9	-3.0	0.0	M	3.27	357	4.1	11.9	6.3	91	56	0.58	169	123
10-May-90	16.5	-6.2	0.0	M	7.54	0	2.3	16.7	2.9	94	20	0.43	170	123
11-May-90	18.5	3.0	0.0	M	5.53	289	3.8	14.9	6.3	58	24	0.54	176	126
12-May-90	19.6	0.8	0.8	M	8.06	95	2.0	20.0	5.7	72	15	0.40	182	129
13-May-90	20.9	8.2	2.8	M	3.88	172	4.0	15.7	9.6	94	23	0.96	192	136
14-May-90	20.7	5.7	0.0	M	8.16	51	2.7	20.8	8.2	96	18	0.73	201	142
15-May-90	18.4	5.4	1.0	M	4.23	131	3.8	16.8	10.0	95	56	1.17	208	147
16-May-90	20.1	4.1	9.7	M	2.88	248	6.1	14.3	8.7	95	70	1.22	216	152
17-May-90	7.3	1.2	0.3	M	2.46	329	6.7	9.1	5.2	96	88	0.78	216	152
18-May-90	16.7	-0.3	0.0	M	7.49	31	2.6	16.2	3.5	96	22	0.58	219	153
19-May-90 *	17.2	2.2	0.0	M	M	87	3.0	9.3	M	78	M	M	225	155
20-May-90 *	20.6	0.1	0.8	M	M	M	M	M	M	M	M	M	231	159
21-May-90 *	18.9	7.8	0.0	7.1	M	M	M	M	M	M	M	M	240	165
22-May-90 *	23.3	9.4	0.0	3.8	M	M	M	M	M	M	M	M	251	174
23-May-90	24.9	14.2	0.0	7.4	0.69	91	2.3	24.1	17.0	64	35	1.01	267	186
24-May-90	25.3	10.8	2.0	6.3	5.01	104	2.5	21.0	13.4	88	31	1.16	280	197
25-May-90	23.4	9.0	0.5	8.1	7.43	113	3.4	22.3	12.0	85	37	1.12	292	206
26-May-90	18.4	10.1	0.3	1.8	2.69	159	1.9	17.2	13.7	95	57	1.32	302	213
27-May-90 *	26.7	7.3	0.0	7.6	7.47	284	2.3	24.4	11.3	95	27	1.38	320	229
28-May-90	28.3	13.0	0.0	6.9	6.04	26	2.2	24.7	14.8	59	19	0.93	336	242
29-May-90	26.5	7.3	0.0	7.9	8.48	116	2.3	26.3	13.5	88	16	0.76	349	252
30-May-90	26.6	10.8	0.0	10.7	8.66	158	4.3	26.1	14.8	45	16	0.62	363	263
31-May-90	25.9	14.2	0.0	8.6	6.27	176	5.7	23.1	16.6	60	35	1.12	379	276
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	20.4	5.0	18.0	M	5.21	155	3.2	16.6	7.7	75	28	0.71	265	189

CROOKSTON

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 4.44	GDD 7.22
01-Jun-90	29.3	16.5	59.2	4.3	4.65	177	5.2	23.9	17.2	92	54	1.95	397	292
02-Jun-90	16.7	7.3	20.6	0.0	2.01	331	5.9	19.1	10.7	94	85	2.01	405	297
03-Jun-90	14.3	4.5	0.0	2.5	6.93	345	5.5	17.6	8.6	94	61	0.94	410	299
04-Jun-90	18.6	4.5	1.8	5.8	7.60	168	3.3	18.4	9.0	95	15	1.05	417	303
05-Jun-90	20.5	12.4	2.0	5.8	6.63	255	5.6	19.1	12.6	95	56	1.38	429	312
06-Jun-90	23.8	9.3	0.0	6.1	7.41	266	3.2	23.4	11.7	96	43	1.37	441	322
07-Jun-90	21.5	10.9	3.3	5.3	5.42	186	4.3	20.7	13.7	97	58	1.42	453	331
08-Jun-90	25.0	13.1	5.3	4.1	3.49	275	5.3	17.0	13.8	98	80	1.79	467	342
09-Jun-90	27.5	11.3	0.0	6.3	8.32	206	2.1	24.2	11.2	100	51	1.75	482	355
10-Jun-90	29.4	14.1	0.5	5.1	6.51	147	3.9	24.6	14.9	98	49	1.87	500	369
11-Jun-90	25.7	19.2	5.8	5.1	3.21	160	6.4	21.8	18.5	95	59	2.24	518	384
12-Jun-90	27.6	14.0	0.0	4.8	7.91	244	2.4	25.9	16.3	96	40	1.75	534	398
13-Jun-90	28.1	11.8	0.0	6.3	6.60	287	2.4	24.5	15.6	100	43	1.63	549	411
14-Jun-90	17.7	9.4	0.0	3.8	5.94	335	2.7	24.3	14.9	95	68	1.29	559	417
15-Jun-90	18.5	10.2	0.0	2.3	3.01	79	1.9	19.1	15.0	98	79	1.45	568	424
16-Jun-90	26.4	14.1	0.0	2.5	7.48	89	2.0	28.5	14.6	98	66	2.01	584	437
17-Jun-90	28.9	16.7	13.2	6.3	3.49	320	2.6	23.6	18.1	99	77	2.25	603	453
18-Jun-90	28.0	18.4	17.5	4.3	8.06	201	2.1	28.1	16.9	99	67	2.30	621	469
19-Jun-90	26.4	16.3	8.4	4.6	5.23	6	2.0	26.4	18.1	99	69	2.35	638	483
20-Jun-90	23.5	15.2	5.6	2.5	5.81	299	3.4	23.6	16.5	99	73	2.06	653	495
21-Jun-90	25.1	14.8	0.0	4.6	6.21	292	2.5	26.8	15.2	99	61	1.87	669	508
22-Jun-90	22.9	14.1	0.8	4.1	6.96	340	3.0	27.8	15.4	99	68	1.83	683	519
23-Jun-90	23.7	15.5	0.0	6.3	7.57	341	2.1	30.3	15.6	99	63	1.84	698	531
24-Jun-90	25.7	13.1	0.0	7.1	8.22	179	2.6	31.5	17.7	97	60	1.86	713	544
25-Jun-90	32.6	17.4	0.0	6.6	7.29	224	2.5	33.5	20.1	94	56	2.44	733	561
26-Jun-90	32.9	17.8	1.8	9.1	8.38	26	1.4	35.1	21.2	98	47	2.37	754	580
27-Jun-90	27.7	19.3	1.3	4.1	5.17	157	3.1	28.1	22.3	97	75	2.43	773	596
28-Jun-90	30.1	19.6	1.0	3.8	4.63	235	1.5	28.5	20.6	98	72	2.85	794	613
29-Jun-90	31.1	18.2	0.0	8.6	7.53	276	2.0	31.9	20.9	97	61	3.01	818	634
30-Jun-90	26.9	16.1	0.0	6.3	8.52	348	2.0	32.7	20.6	98	56	2.07	835	649
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	25.2	13.8	148.1	148.8	6.21	226	3.2	25.3	15.9	97	60	1.92	456	373
01-Jul-90	29.1	14.9	0.0	4.8	5.76	161	2.7	29.9	20.7	98	70	2.26	852	664
02-Jul-90	33.1	22.1	0.3	6.1	6.62	158	2.8	32.8	22.2	96	60	2.97	876	684
03-Jul-90	31.0	16.6	0.0	10.2	5.88	232	3.6	30.5	24.4	94	64	2.79	895	700
04-Jul-90	24.7	12.8	0.0	7.1	8.29	294	3.2	29.9	20.4	100	52	1.64	909	712
05-Jul-90	22.8	11.5	0.0	5.6	5.64	347	1.9	27.1	19.9	100	58	1.58	922	722
06-Jul-90	26.8	10.6	1.3	7.6	6.90	151	4.3	27.9	18.2	99	59	1.79	936	733
07-Jul-90	29.3	20.9	1.0	2.3	2.60	178	3.2	24.1	21.1	97	82	2.72	957	751
08-Jul-90	27.8	14.5	0.0	6.3	6.68	320	2.6	27.7	19.3	97	61	2.22	973	765
09-Jul-90	27.7	14.1	0.0	7.4	8.26	317	2.2	29.7	17.9	99	47	1.86	990	779
10-Jul-90	25.6	13.6	0.0	5.1	4.46	38	1.1	25.8	19.6	95	48	1.67	1005	791
11-Jul-90	25.9	12.3	0.0	7.6	7.10	17	2.2	28.3	19.7	95	40	1.55	1020	803
12-Jul-90	27.5	9.1	0.0	8.4	8.17	26	1.4	29.3	17.6	97	36	1.35	1034	814
13-Jul-90	27.2	10.3	0.0	8.9	8.26	188	2.6	28.4	18.1	98	40	1.47	1048	826
14-Jul-90	28.5	12.4	0.0	7.4	8.17	180	2.9	28.7	18.5	96	40	1.54	1064	839
15-Jul-90	27.8	12.1	0.0	6.9	6.36	319	2.2	27.6	19.2	96	35	1.48	1079	852
16-Jul-90	30.4	10.9	6.9	8.1	7.84	195	2.8	27.8	18.2	97	33	1.48	1096	865
17-Jul-90	26.9	15.0	0.0	7.4	6.93	292	3.1	26.3	19.9	98	58	2.12	1112	879
18-Jul-90	24.9	13.1	0.0	3.6	4.69	324	1.4	22.5	17.2	99	59	1.78	1127	891
19-Jul-90	26.0	14.5	1.8	5.1	7.37	356	1.7	26.7	17.2	98	42	1.62	1143	904
20-Jul-90	25.1	12.6	1.0	5.8	5.83	263	1.8	24.7	18.6	98	47	1.75	1157	915
21-Jul-90	22.3	10.2	0.0	5.3	5.74	325	2.0	22.6	16.5	99	57	1.50	1169	924
22-Jul-90	26.2	10.3	0.0	6.3	6.21	317	1.7	24.3	16.1	100	39	1.47	1183	935
23-Jul-90	28.8	9.3	0.0	6.9	6.87	174	1.9	24.6	16.1	100	36	1.45	1197	947
24-Jul-90	30.6	15.2	0.0	7.1	7.38	170	3.2	26.1	18.2	93	35	1.67	1216	963
25-Jul-90	28.7	18.0	0.0	6.3	4.51	138	2.9	24.1	19.6	96	70	2.37	1235	979
26-Jul-90	28.0	19.1	0.0	4.8	4.30	137	3.6	24.1	20.0	97	70	2.44	1254	995
27-Jul-90	30.6	19.9	0.0	3.3	3.88	165	3.2	23.8	20.3	95	70	2.66	1274	1013
28-Jul-90	31.7	20.1	0.0	9.1	7.67	250	3.8	26.8	21.2	95	36	3.10	1296	1032
29-Jul-90	24.9	11.7	0.0	10.2	7.51	350	2.9	26.6	20.5	96	43	1.62	1310	1043
30-Jul-90	25.4	8.3	0.0	7.1	6.99	343	2.1	24.8	18.2	98	37	1.20	1322	1053
31-Jul-90	30.4	10.4	0.0	11.2	7.67	190	3.5	25.7	18.1	90	31	1.31	1338	1066
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	27.6	13.8	12.2	209.3	6.47	223	2.6	26.7	19.1	97	50	1.89	503	417

CROOKSTON

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 4.44	GDD 7.22
01-Aug-90	33.7	16.3	9.7	10.2	7.24	175	5.2	26.3	19.7	93	36	1.88	1359	1084
02-Aug-90	32.5	19.4	0.0	8.6	5.89	197	3.6	25.4	20.2	94	43	2.20	1380	1103
03-Aug-90	31.4	16.0	0.0	7.1	5.66	298	3.0	25.7	20.1	96	45	2.07	1400	1119
04-Aug-90	24.5	10.8	0.0	9.1	6.68	342	3.0	25.3	17.4	94	39	1.30	1413	1129
05-Aug-90	27.6	5.6	0.0	7.6	7.39	293	1.4	26.6	15.7	99	28	1.14	1425	1139
06-Aug-90	31.4	11.3	0.0	11.4	7.46	178	3.4	27.4	17.2	85	24	1.15	1442	1153
07-Aug-90	31.5	16.9	0.0	16.0	7.44	174	4.4	28.1	19.6	71	27	1.46	1462	1170
08-Aug-90	33.8	17.3	21.6	15.2	7.16	195	4.6	28.2	20.2	94	29	1.74	1483	1188
09-Aug-90	28.7	12.4	0.0	6.3	6.97	2	1.8	26.9	17.5	96	38	1.61	1499	1202
10-Aug-90	21.5	8.7	0.0	8.9	6.79	354	2.7	25.9	17.2	96	40	1.19	1509	1209
11-Aug-90	15.9	5.0	9.7	1.3	1.51	33	1.1	18.5	14.6	99	74	1.33	1515	1213
12-Aug-90	24.3	10.0	0.0	7.4	6.98	30	1.2	23.5	13.1	99	39	1.39	1528	1223
13-Aug-90	27.0	9.4	0.0	9.1	7.24	198	3.7	24.0	13.8	99	36	1.33	1542	1234
14-Aug-90	25.0	12.3	0.0	10.4	7.29	352	2.4	26.9	17.0	97	39	1.46	1556	1245
15-Aug-90	28.5	9.9	0.0	10.4	6.64	175	3.0	25.9	16.0	98	35	1.34	1571	1257
16-Aug-90	35.6	16.9	1.5	14.5	6.73	187	4.5	28.6	18.5	85	34	1.97	1593	1276
17-Aug-90	31.0	15.8	8.4	11.9	5.34	38	2.3	27.7	20.6	92	59	2.19	1612	1292
18-Aug-90	21.6	16.1	0.0	8.9	1.91	77	2.9	22.8	19.5	92	73	1.81	1626	1304
19-Aug-90	26.5	14.2	0.0	7.1	5.76	100	2.3	25.5	17.8	82	51	1.48	1642	1317
20-Aug-90	28.4	11.9	0.0	8.4	6.08	110	1.6	26.6	18.1	93	49	1.67	1658	1330
21-Aug-90	26.9	14.6	0.0	7.1	5.23	170	3.1	25.8	19.0	98	63	1.98	1674	1343
22-Aug-90	30.2	17.5	1.3	8.9	5.20	166	5.1	26.2	19.5	96	59	2.27	1693	1360
23-Aug-90	32.6	21.8	1.3	6.3	4.50	180	4.8	25.8	21.2	95	55	2.81	1716	1380
24-Aug-90 *	32.8	19.0	7.6	8.6	5.03	161	3.5	27.7	21.0	96	43	7.31	1738	1399
25-Aug-90	31.4	19.6	15.2	7.6	5.29	202	2.1	27.4	19.5	96	55	2.42	1759	1417
26-Aug-90	32.7	20.7	0.0	4.8	5.70	342	2.2	27.1	19.5	95	61	2.70	1781	1436
27-Aug-90	32.0	17.2	0.0	3.8	4.83	329	1.9	26.8	19.4	95	63	2.49	1801	1454
28-Aug-90	29.4	13.1	0.0	8.9	6.31	277	3.0	25.4	17.9	98	19	1.40	1818	1468
29-Aug-90	30.8	12.8	0.0	11.4	6.40	232	2.6	26.4	17.0	91	17	1.16	1835	1482
30-Aug-90	34.0	11.9	0.3	9.1	6.26	153	2.1	27.5	17.3	90	17	1.30	1854	1498
31-Aug-90	31.9	17.9	0.0	10.4	6.26	276	3.8	27.9	21.3	94	13	1.69	1874	1516
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	29.2	14.3	76.5	277.1	5.97	193	3.0	26.1	18.3	93	42	1.91	538	450
01-Sep-90	26.7	12.6	0.0	9.7	6.22	314	2.4	26.9	18.4	90	45	1.42	1889	1528
02-Sep-90	32.2	13.3	0.0	10.9	6.06	149	4.1	26.4	18.2	96	18	1.47	1908	1544
03-Sep-90	30.9	19.7	0.0	11.2	5.34	166	4.5	27.3	21.1	94	58	2.36	1929	1562
04-Sep-90	26.5	14.3	0.0	10.9	5.84	4	2.6	26.7	20.0	95	23	1.27	1945	1575
05-Sep-90	25.8	13.8	4.6	1.5	1.90	153	2.3	22.0	18.6	95	62	2.01	1960	1588
06-Sep-90	30.6	17.0	1.3	10.4	5.20	15	1.8	26.2	18.0	96	34	2.31	1979	1604
07-Sep-90	25.6	13.6	0.0	9.7	5.95	206	1.9	25.8	17.5	97	40	1.55	1994	1617
08-Sep-90	29.2	15.5	0.0	9.9	5.71	204	4.0	25.7	17.6	96	36	1.68	2012	1632
09-Sep-90	23.4	11.4	0.0	8.9	4.18	357	2.1	23.1	16.9	81	44	1.20	2025	1642
10-Sep-90	24.6	5.1	0.0	6.9	5.64	156	2.1	23.2	14.5	99	19	0.89	2036	1650
11-Sep-90	34.3	14.1	0.0	8.9	5.11	193	4.4	24.4	16.7	90	23	1.64	2056	1667
12-Sep-90	27.9	10.6	0.0	6.1	5.43	96	2.7	24.6	16.9	95	44	1.66	2070	1679
13-Sep-90	24.8	12.5	0.0	7.4	1.13	312	3.9	21.3	17.3	94	56	1.76	2085	1690
14-Sep-90	23.1	9.9	0.0	6.6	5.10	309	3.3	22.4	15.5	90	40	1.13	2097	1699
15-Sep-90	18.0	5.7	0.0	6.9	4.90	347	3.8	20.6	15.6	92	47	1.03	2104	1704
16-Sep-90	18.6	0.0	0.0	5.6	4.87	96	1.9	20.1	12.1	99	46	0.88	2109	1706
17-Sep-90	21.4	8.5	13.5	5.8	3.69	165	5.8	18.5	13.3	94	46	1.14	2119	1714
18-Sep-90	20.0	9.1	2.0	4.1	2.08	228	2.9	17.7	12.9	98	61	1.79	2130	1721
19-Sep-90	21.4	3.6	0.0	M	5.18	280	1.6	19.0	9.5	99	41	1.07	2138	1726
20-Sep-90	19.4	12.1	0.8	M	2.02	182	2.7	16.7	12.9	97	61	1.37	2149	1735
21-Sep-90	15.8	7.7	0.0	M	2.91	318	4.6	15.0	11.5	97	60	1.04	2156	1740
22-Sep-90	11.5	0.1	0.0	M	2.02	338	5.2	11.9	8.3	91	51	0.77	2158	1740
23-Sep-90	18.5	-2.0	0.0	M	4.96	227	3.2	15.0	5.7	100	40	0.75	2161	1741
24-Sep-90	30.0	5.7	0.0	M	4.89	244	4.1	18.6	9.1	84	20	0.90	2175	1751
25-Sep-90	27.6	7.2	0.0	M	4.73	321	2.5	19.9	11.5	90	25	1.01	2188	1761
26-Sep-90	30.6	6.7	0.0	M	4.17	195	3.3	19.7	11.9	87	25	0.97	2202	1773
27-Sep-90	17.0	3.3	0.0	M	4.21	348	2.3	17.5	10.9	91	52	0.83	2208	1776
28-Sep-90	15.6	-0.5	0.0	M	3.62	349	1.7	16.0	9.4	99	46	0.81	2211	1776
29-Sep-90	13.1	1.1	0.0	M	2.36	0	1.6	14.9	11.0	97	61	0.89	2214	1776
30-Sep-90	17.8	0.4	1.0	M	2.87	209	2.8	14.4	8.7	99	48	0.91	2218	1778
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	23.4	8.4	23.1	M	4.28	216	3.1	20.7	14.0	94	42	1.28	344	262

## CROOKSTON

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 4.44	GDD 7.22
01-Oct-90	20.9	1.3	0.0	M	4.42	276	2.9	15.8	7.9	92	21	0.68	2225	1782
02-Oct-90	25.8	9.2	0.0	M	3.06	167	5.5	16.8	10.5	65	36	0.94	2238	1792
03-Oct-90	17.2	8.7	0.0	M	3.10	290	4.9	15.7	12.3	67	24	0.66	2246	1798
04-Oct-90	14.0	5.8	0.0	M	4.18	282	5.8	14.4	10.1	55	28	0.50	2252	1801
05-Oct-90	23.2	2.6	0.0	M	3.48	103	2.0	15.8	9.1	94	28	0.68	2260	1806
06-Oct-90	7.5	-1.5	0.0	M	2.87	330	3.3	13.2	8.2	96	48	0.59	2260	1806
07-Oct-90	10.4	-6.1	0.0	M	3.71	301	1.8	11.1	4.6	96	34	0.42	2260	1806
08-Oct-90	12.8	-7.1	0.0	M	4.05	173	2.1	12.4	3.7	92	20	0.34	2260	1806
09-Oct-90	15.0	-1.4	0.0	M	3.91	184	4.5	12.6	5.2	68	24	0.42	2263	1806
10-Oct-90	14.3	3.3	0.0	M	2.94	174	6.8	11.7	6.6	55	23	0.42	2267	1808
11-Oct-90	10.6	-3.1	0.0	M	2.00	288	3.0	11.5	6.7	73	36	0.47	2267	1808
12-Oct-90	12.7	-7.6	0.0	M	2.92	172	3.7	10.2	3.1	91	35	0.48	2267	1808
13-Oct-90	17.0	4.3	1.8	M	3.27	193	4.2	14.5	8.5	66	32	0.60	2273	1811
14-Oct-90	12.7	0.3	0.0	M	1.98	295	2.6	11.4	7.2	92	48	0.66	2275	1811
15-Oct-90	14.9	-2.7	0.0	M	3.25	229	2.4	11.7	4.2	82	22	0.44	2277	1811
16-Oct-90	16.6	2.9	7.1	M	2.71	98	3.0	13.1	6.9	96	34	0.65	2282	1814
17-Oct-90	5.6	-2.5	3.6	M	0.93	360	4.7	9.5	3.5	100	86	0.65	2282	1814
18-Oct-90	3.1	-5.6	0.0	M	2.58	305	2.7	5.9	1.7	98	76	0.49	2282	1814
19-Oct-90	8.8	-1.6	0.0	M	1.65	140	4.3	6.5	2.3	95	68	0.65	2282	1814
20-Oct-90	6.8	3.1	0.0	M	1.23	328	3.1	7.1	4.9	97	74	0.74	2283	1814
21-Oct-90	9.3	-4.3	0.0	M	3.30	231	4.2	8.2	2.5	95	40	0.50	2283	1814
22-Oct-90	17.5	-0.3	0.0	M	2.24	191	4.5	10.1	5.2	77	27	0.60	2287	1815
23-Oct-90	11.2	-1.9	0.0	M	3.01	308	3.4	8.9	3.2	91	42	0.54	2287	1815
24-Oct-90	7.4	-3.9	0.0	M	2.86	333	2.6	7.7	2.1	84	48	0.46	2287	1815
25-Oct-90	14.7	-1.0	0.0	M	3.03	173	5.8	8.8	2.6	80	40	0.57	2290	1815
26-Oct-90	25.1	4.1	1.0	M	2.92	219	5.5	12.0	4.9	89	20	0.76	2300	1822
27-Oct-90	10.7	-4.8	0.0	M	3.12	325	5.4	10.3	4.5	96	41	0.59	2300	1822
28-Oct-90	12.9	-7.4	0.0	M	2.75	163	4.6	7.8	1.8	98	34	0.47	2300	1822
29-Oct-90	16.4	-0.2	0.0	M	2.33	148	2.1	10.5	4.2	81	39	0.59	2303	1823
30-Oct-90	18.3	-3.8	0.0	M	2.77	171	2.4	10.5	2.8	97	32	0.58	2306	1823
31-Oct-90	21.7	6.1	0.0	M	2.43	162	4.8	12.1	6.0	69	43	0.90	2316	1830
MEAN	MEAN	TOTL		TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
14.0	-0.5	13.5		M	2.87	229	3.8	11.2	5.4	85	39	0.58	98	52



GRAND RAPIDS

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 4.44	GDD 10
01-Apr-90	* 2.8	3.9	1.5	M	M	M	M	M	M	M	M	M	0	0
02-Apr-90	* 3.9	-7.8	3.3	M	M	M	M	M	M	M	M	M	0	0
03-Apr-90	* 7.8	-7.8	0.0	M	M	M	M	M	M	M	M	M	0	0
04-Apr-90	* 8.3	-6.1	0.0	M	M	M	M	M	M	M	M	M	0	0
05-Apr-90	* -0.6	-8.3	0.0	M	M	M	M	M	M	M	M	M	0	0
06-Apr-90	* -0.6	-13.9	0.3	M	M	M	M	M	M	M	M	M	0	0
07-Apr-90	* 7.8	-12.8	0.0	M	M	M	M	M	M	M	M	M	0	0
08-Apr-90	* 10.6	-7.2	0.0	M	M	M	M	M	M	M	M	M	0	0
09-Apr-90	* 5.0	-3.9	0.8	M	M	M	M	M	M	M	M	M	0	0
10-Apr-90	* 3.3	-3.9	0.0	M	M	M	M	M	M	M	M	M	0	0
11-Apr-90	* -0.6	-8.9	0.3	M	M	M	M	M	M	M	M	M	0	0
12-Apr-90	* 7.2	-8.3	0.0	M	M	M	M	M	M	M	M	M	0	0
13-Apr-90	* 14.4	-6.7	0.0	M	M	M	M	M	M	M	M	M	0	0
14-Apr-90	* 12.2	-4.4	0.0	M	M	M	M	M	M	M	M	M	0	0
15-Apr-90	* 8.9	-5.0	1.8	M	M	M	M	M	M	M	M	M	0	0
16-Apr-90	* 3.9	-3.3	0.0	M	M	M	M	M	M	M	M	M	0	0
17-Apr-90	* 9.4	-8.3	0.0	M	M	M	M	M	M	M	M	M	0	0
18-Apr-90	* 16.7	-6.7	0.0	M	M	M	M	M	M	M	M	M	1	0
19-Apr-90	* 20.0	3.9	0.0	M	M	M	M	M	M	M	M	M	8	2
20-Apr-90	* 25.0	0.6	0.0	M	M	M	M	M	M	M	M	M	16	5
21-Apr-90	* 26.1	2.2	0.0	M	M	M	M	M	M	M	M	M	26	9
22-Apr-90	* 26.7	4.4	0.0	M	M	M	M	M	M	M	M	M	37	14
23-Apr-90	* 28.3	13.3	0.0	M	M	M	M	M	M	M	M	M	54	25
24-Apr-90	* 27.2	13.9	0.5	M	M	M	M	M	M	M	M	M	70	36
25-Apr-90	* 27.2	13.9	0.0	M	M	M	M	M	M	M	M	M	86	46
26-Apr-90	* 20.6	12.8	8.6	M	M	M	M	M	M	M	M	M	98	53
27-Apr-90	* 8.3	3.9	13.0	M	M	M	M	M	M	M	M	M	100	53
28-Apr-90	* 5.0	1.7	5.6	M	M	M	M	M	M	M	M	M	100	53
29-Apr-90	* 2.8	-1.1	9.7	M	M	M	M	M	M	M	M	M	100	53
30-Apr-90	4.7	-4.3	8.6	M	5.34	244	2.1	5.3	3.3	M	M	M	100	53

MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
11.4	-1.8	53.8	M	M	M	M	M	M	M	M	M	M	100	53

01-May-90	6.6	-2.5	1.8	M	5.03	294	1.6	6.7	2.7	M	M	M	100	53
02-May-90	15.4	-0.2	0.0	M	7.26	255	1.6	10.3	3.2	M	M	M	103	53
03-May-90	21.7	-1.3	0.0	M	7.24	157	1.5	12.4	4.9	M	M	M	109	53
04-May-90	19.1	6.6	0.0	M	4.28	29	1.6	11.6	8.1	M	M	M	117	56
05-May-90	17.3	0.8	0.0	M	6.29	338	1.9	12.1	7.1	M	M	M	122	56
06-May-90	22.8	-1.7	0.0	M	7.80	243	1.7	12.9	6.2	M	M	M	128	57
07-May-90	25.2	6.0	0.0	M	6.72	117	3.7	14.2	8.9	M	M	M	139	62
08-May-90	18.5	5.0	0.0	M	6.82	270	1.9	15.1	8.8	M	M	M	146	64
09-May-90	10.2	2.5	0.0	M	4.72	348	3.0	11.6	9.0	M	M	M	148	64
10-May-90	12.0	-0.9	0.3	M	7.29	343	3.4	12.8	7.0	M	M	M	149	64
11-May-90	* 18.9	-3.3	0.0	M	M	M	M	M	M	M	M	M	153	64
12-May-90	* 18.3	2.2	0.0	M	M	M	M	M	M	M	M	M	158	64
13-May-90	* 20.6	1.7	0.0	M	M	M	M	M	M	M	M	M	165	65
14-May-90	* 11.1	8.3	6.6	M	M	M	M	M	M	M	M	M	170	65
15-May-90	* 12.8	7.8	0.8	M	M	M	M	M	M	M	M	M	176	66
16-May-90	* 15.0	7.2	3.3	M	M	M	M	M	M	M	M	M	183	67
17-May-90	* 6.7	2.8	0.8	M	M	M	M	M	M	M	M	M	183	67
18-May-90	* 15.0	1.7	1.0	M	M	M	M	M	M	M	M	M	187	67
19-May-90	* 12.2	2.2	0.0	M	M	M	M	M	M	M	M	M	190	67
20-May-90	* 18.9	-0.6	0.0	M	M	M	M	M	M	M	M	M	195	67
21-May-90	* 15.6	3.3	0.0	M	M	M	M	M	M	M	M	M	200	67
22-May-90	* 14.4	5.6	0.5	M	M	M	M	M	M	M	M	M	205	67
23-May-90	* 23.3	6.7	8.1	M	M	M	M	M	M	M	M	M	216	72
24-May-90	21.8	10.8	0.0	M	5.55	96	3.5	18.8	14.1	M	M	M	228	78
25-May-90	21.0	8.6	0.0	M	5.26	94	3.2	16.3	11.9	M	M	M	238	83
26-May-90	16.0	7.2	0.0	M	2.13	111	1.4	13.9	12.0	M	M	M	245	84
27-May-90	25.6	6.4	1.3	M	3.40	35	0.9	19.5	12.0	M	M	M	257	90
28-May-90	* 24.4	5.6	0.0	M	M	M	M	M	M	M	M	M	267	95
29-May-90	* 24.6	5.0	0.0	M	6.19	121	4.8	19.5	12.1	M	M	M	278	100
30-May-90	* 24.4	0.6	0.0	M	M	M	M	M	M	M	M	M	286	103
31-May-90	* 25.0	6.1	0.0	M	M	M	M	M	M	M	M	M	297	108

MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
17.9	3.6	24.4	M	M	M	M	M	M	M	M	M	M	197	55

GRAND RAPIDS

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 4.44	GDD 10
01-Jun-90	* 26.1	13.9	0.0	M	M	M	M	M	M	M	M	M	312	118
02-Jun-90	* 26.1	16.7	27.2	M	M	M	M	M	M	M	M	M	329	130
03-Jun-90	* 14.4	3.9	24.1	M	M	M	M	M	M	M	M	M	334	130
04-Jun-90	* 20.0	0.6	1.0	M	M	M	M	M	M	M	M	M	340	130
05-Jun-90	* 22.8	6.1	4.8	M	M	M	M	M	M	M	M	M	350	134
06-Jun-90	* 23.3	8.9	8.1	M	M	M	M	M	M	M	M	M	361	140
07-Jun-90	* 26.1	6.7	0.0	M	M	M	M	M	M	M	M	M	373	147
08-Jun-90	* 22.8	12.2	1.5	M	M	M	M	M	M	M	M	M	387	154
09-Jun-90	* 25.6	13.3	4.8	M	M	M	M	M	M	M	M	M	402	164
10-Jun-90	* 28.9	11.7	0.0	M	M	M	M	M	M	M	M	M	417	174
11-Jun-90	* 21.1	15.0	1.3	M	M	M	M	M	M	M	M	M	431	182
12-Jun-90	* 28.3	15.6	7.4	M	M	M	M	M	M	M	M	M	448	194
13-Jun-90	29.4	12.6	0.0	M	4.11	302	1.9	25.2	19.6	M	M	M	465	205
14-Jun-90	26.0	10.0	0.0	M	8.42	297	1.6	24.9	16.6	M	M	M	479	213
15-Jun-90	14.6	11.4	0.0	M	1.62	84	2.2	19.6	15.5	M	M	M	487	216
16-Jun-90	18.5	10.5	9.4	M	2.32	87	3.0	17.1	14.3	M	M	M	497	221
17-Jun-90	20.1	12.6	2.8	M	2.43	159	2.3	18.3	14.8	M	M	M	509	227
18-Jun-90	26.6	14.3	2.3	M	8.29	312	1.6	25.3	15.4	M	M	M	525	237
19-Jun-90	18.8	13.8	0.0	M	1.54	119	2.0	19.7	16.4	M	M	M	537	244
20-Jun-90	19.6	12.9	9.7	M	4.30	276	1.9	19.9	15.1	M	M	M	549	250
21-Jun-90	23.1	13.2	4.8	M	6.20	309	1.8	22.0	15.1	M	M	M	562	258
22-Jun-90	21.3	12.7	0.3	M	5.53	344	2.4	22.4	16.0	M	M	M	575	265
23-Jun-90	24.0	10.3	4.3	M	8.14	344	1.5	24.6	14.8	M	M	M	588	272
24-Jun-90	27.0	10.0	0.0	M	8.62	240	1.0	26.6	15.9	M	M	M	602	281
25-Jun-90	31.7	11.4	0.0	M	8.60	204	1.6	27.9	17.2	M	M	M	619	292
26-Jun-90	30.3	15.1	0.0	M	8.56	350	1.5	29.3	19.5	M	M	M	637	305
27-Jun-90	22.0	12.7	0.0	M	3.73	122	3.1	22.1	18.2	M	M	M	650	312
28-Jun-90	25.6	15.4	0.5	M	2.95	138	2.0	22.7	18.0	M	M	M	666	323
29-Jun-90	30.8	14.8	0.3	M	7.80	259	1.4	28.8	18.0	M	M	M	685	336
30-Jun-90	27.4	14.0	0.0	M	8.74	345	1.8	28.7	19.5	M	M	M	701	346

MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
24.1	11.7	114.6	M	M	M	M	M	M	M	M	M	M	404	238

01-Jul-90	25.5	11.4	0.0	M	5.39	151	1.8	22.7	18.1	M	M	M	715	355
02-Jul-90	32.3	16.1	0.3	M	6.45	155	2.0	27.0	18.4	M	M	M	735	369
03-Jul-90	35.4	21.1	0.3	M	8.00	179	2.7	30.6	21.4	M	M	M	758	387
04-Jul-90	29.1	15.4	0.0	M	7.88	307	2.3	29.2	21.3	M	M	M	776	400
05-Jul-90	20.3	11.3	0.0	M	5.14	348	2.0	23.7	19.2	M	M	M	788	405
06-Jul-90	23.8	8.2	0.0	M	8.64	147	2.8	25.4	16.3	M	M	M	799	411
07-Jul-90	21.1	13.7	0.0	M	1.48	147	3.0	20.3	17.9	M	M	M	812	419
08-Jul-90	24.8	14.1	40.4	M	7.47	327	2.0	26.2	18.1	M	M	M	827	428
09-Jul-90	27.3	11.7	0.0	M	7.98	307	1.6	26.9	17.2	M	M	M	842	438
10-Jul-90	27.0	10.5	0.0	M	8.26	48	0.9	27.9	17.2	M	M	M	856	446
11-Jul-90	22.8	12.4	0.0	M	4.14	103	1.8	22.5	18.3	M	M	M	870	454
12-Jul-90	24.1	9.2	0.0	M	8.56	71	1.4	26.3	15.9	M	M	M	882	461
13-Jul-90	27.0	7.6	0.0	M	8.57	325	1.0	27.9	16.1	M	M	M	895	468
14-Jul-90	28.5	10.0	0.0	M	8.23	79	1.0	28.1	17.2	M	M	M	910	477
15-Jul-90	28.3	12.6	0.0	M	7.62	285	1.3	28.7	18.8	M	M	M	926	488
16-Jul-90	28.2	12.3	0.0	M	8.32	236	1.4	28.9	18.9	M	M	M	941	498
17-Jul-90	30.6	16.7	5.3	M	7.32	218	2.1	28.1	19.6	M	M	M	961	512
18-Jul-90	28.2	13.0	0.0	M	6.29	288	1.4	27.6	19.0	M	M	M	977	522
19-Jul-90	26.0	12.5	0.3	M	7.40	340	1.7	27.1	19.3	M	M	M	991	531
20-Jul-90	23.5	10.1	0.0	M	5.49	297	1.3	24.1	17.8	M	M	M	1004	538
21-Jul-90	23.6	11.5	1.0	M	6.72	332	1.5	24.6	17.5	M	M	M	1017	546
22-Jul-90	23.0	11.3	0.0	M	6.40	332	1.3	24.9	18.1	M	M	M	1030	553
23-Jul-90	26.9	9.9	6.6	M	7.62	51	0.9	25.7	16.6	M	M	M	1044	561
24-Jul-90	27.7	11.5	0.0	M	8.03	159	1.2	25.9	17.8	M	M	M	1059	571
25-Jul-90	25.7	14.4	0.0	M	4.94	132	2.3	23.4	18.8	M	M	M	1074	581
26-Jul-90	20.9	18.5	0.0	M	1.04	137	3.1	21.3	19.2	M	M	M	1090	591
27-Jul-90	21.9	18.2	22.9	M	1.12	141	2.5	20.4	18.7	M	M	M	1105	601
28-Jul-90	29.3	19.1	0.0	M	6.46	159	1.9	26.2	19.5	M	M	M	1125	615
29-Jul-90	24.9	15.4	5.1	M	6.82	341	2.6	24.2	19.7	M	M	M	1141	625
30-Jul-90	24.3	10.2	0.0	M	8.10	343	1.6	23.9	17.4	M	M	M	1154	632
31-Jul-90	26.0	7.9	0.0	M	8.19	220	1.3	24.2	16.6	M	M	M	1166	639

MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
26.1	12.8	82.0	M	6.58	216	1.8	25.6	18.3	M	M	M	M	465	293

GRAND RAPIDS

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 4.44	GDD 10
01-Aug-90	26.5	12.4	0.0	M	7.84	159	2.2	24.3	17.8	M	M	M	1181	649
02-Aug-90	27.9	16.2	0.0	M	4.72	166	1.9	23.4	19.1	M	M	M	1199	661
03-Aug-90	30.1	15.6	0.0	M	4.18	173	1.3	24.8	17.8	M	M	M	1217	674
04-Aug-90	22.5	14.6	21.8	M	6.43	339	2.6	20.7	17.2	M	M	M	1231	682
05-Aug-90	22.4	8.9	0.0	M	7.15	352	1.9	20.8	16.4	M	M	M	1242	688
06-Aug-90	27.6	8.8	0.0	M	7.98	31	1.0	22.6	15.8	M	M	M	1256	696
07-Aug-90	27.4	10.9	0.0	M	7.99	173	1.3	23.1	17.2	M	M	M	1271	705
08-Aug-90	28.5	13.0	0.0	M	7.80	180	1.6	23.4	17.9	M	M	M	1287	716
09-Aug-90	27.5	13.7	0.0	M	7.11	336	1.8	22.6	19.2	M	M	M	1303	727
10-Aug-90	23.8	10.9	0.0	M	6.83	333	1.8	21.3	17.6	M	M	M	1316	734
11-Aug-90	19.6	8.7	0.0	M	4.28	350	1.6	18.9	16.5	M	M	M	1326	738
12-Aug-90	23.0	9.3	1.3	M	6.95	63	1.3	20.3	16.6	M	M	M	1338	744
13-Aug-90	24.0	6.3	0.0	M	7.24	190	1.4	20.3	15.3	M	M	M	1348	749
14-Aug-90	26.2	11.8	0.0	M	7.26	328	1.9	21.4	17.5	M	M	M	1363	758
15-Aug-90	26.0	7.4	0.0	M	7.52	138	0.9	21.2	16.0	M	M	M	1375	765
16-Aug-90	31.6	12.9	0.0	M	7.15	171	1.7	22.7	17.3	M	M	M	1393	777
17-Aug-90	30.9	18.4	0.0	M	4.71	107	1.8	23.2	19.6	M	M	M	1413	792
18-Aug-90	19.2	13.4	1.5	M	2.49	80	4.4	21.3	17.2	M	M	M	1425	798
19-Aug-90	19.6	12.4	2.8	M	4.24	85	4.2	17.9	16.1	M	M	M	1437	804
20-Aug-90	23.9	11.2	0.0	M	6.24	105	2.3	19.6	15.8	M	M	M	1450	812
21-Aug-90	26.5	8.9	0.0	M	6.27	133	0.9	20.6	16.1	M	M	M	1463	819
22-Aug-90	27.9	11.8	0.0	M	6.93	151	1.9	20.9	16.5	M	M	M	1478	829
23-Aug-90	24.2	14.4	0.0	M	1.40	154	2.3	19.5	17.9	M	M	M	1493	839
24-Aug-90	27.5	20.4	1.5	M	4.30	149	1.5	21.9	19.1	M	M	M	1513	853
25-Aug-90	30.8	19.5	2.5	M	6.25	191	1.3	23.5	20.1	M	M	M	1534	868
26-Aug-90	29.3	18.3	20.1	M	5.91	310	1.4	22.7	20.0	M	M	M	1553	881
27-Aug-90	30.6	16.6	0.0	M	5.92	330	1.0	22.8	19.7	M	M	M	1572	895
28-Aug-90	26.1	13.8	0.0	M	6.83	311	1.5	21.9	19.3	M	M	M	1588	905
29-Aug-90	27.6	9.5	0.0	M	6.89	245	1.0	21.2	16.9	M	M	M	1602	914
30-Aug-90	31.0	13.0	2.8	M	6.79	173	1.6	22.4	17.4	M	M	M	1619	926
31-Aug-90	30.8	16.4	0.0	M	4.90	177	2.2	23.2	19.5	M	M	M	1638	939
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	26.5	12.9	54.4	M	6.08	199	1.8	21.7	17.6	M	M	M	472	300

01-Sep-90	25.1	11.6	0.0	M	6.67	313	1.8	21.1	17.7	M	M	M	1652	948
02-Sep-90	26.5	9.3	0.0	M	6.57	140	1.9	21.3	16.2	M	M	M	1666	955
03-Sep-90	21.8	13.1	0.5	M	4.25	138	2.3	19.2	17.5	M	M	M	1679	963
04-Sep-90	27.3	12.2	0.0	M	5.30	351	1.9	21.5	18.4	M	M	M	1694	973
05-Sep-90	21.2	11.9	0.0	M	1.45	131	1.2	19.1	17.4	M	M	M	1706	979
06-Sep-90	28.5	14.6	39.9	M	4.05	348	1.2	21.7	18.3	M	M	M	1723	991
07-Sep-90	18.2	10.8	0.3	M	3.16	126	2.3	19.5	17.3	M	M	M	1733	995
08-Sep-90	25.4	10.7	0.0	M	5.24	166	1.6	20.4	16.5	M	M	M	1747	1003
09-Sep-90	27.6	13.6	0.0	M	5.46	354	1.4	20.9	17.2	M	M	M	1763	1014
10-Sep-90	21.9	7.6	0.0	M	5.97	26	1.0	19.9	15.9	M	M	M	1773	1019
11-Sep-90	26.9	8.4	0.0	M	5.69	157	1.7	20.9	15.2	M	M	M	1787	1026
12-Sep-90	24.2	13.3	5.3	M	5.78	83	2.9	21.7	17.5	M	M	M	1801	1035
13-Sep-90	26.8	12.9	0.0	M	2.88	140	2.5	20.5	17.4	M	M	M	1816	1045
14-Sep-90	16.0	8.5	27.9	M	3.48	333	2.4	17.7	15.4	M	M	M	1824	1047
15-Sep-90	17.1	9.0	0.5	M	4.48	338	2.8	17.2	14.5	M	M	M	1833	1050
16-Sep-90	12.5	6.2	0.0	M	2.30	24	2.1	15.4	13.3	M	M	M	1838	1050
17-Sep-90	15.1	5.8	0.0	M	3.59	158	2.4	15.3	12.3	M	M	M	1844	1051
18-Sep-90	13.5	8.1	0.0	M	1.20	163	1.4	14.2	12.6	M	M	M	1850	1051
19-Sep-90	19.9	5.5	4.1	M	5.84	288	1.3	16.8	12.4	M	M	M	1858	1054
20-Sep-90	15.7	4.5	0.0	M	1.55	109	1.8	14.3	12.4	M	M	M	1864	1054
21-Sep-90	12.2	7.6	5.1	M	1.43	297	2.1	13.6	11.9	M	M	M	1869	1054
22-Sep-90	10.9	2.8	0.5	M	3.40	335	3.4	13.2	10.3	M	M	M	1872	1054
23-Sep-90	14.1	0.9	0.5	M	5.42	305	2.0	13.3	8.5	M	M	M	1875	1054
24-Sep-90	25.6	5.8	0.0	M	4.96	228	1.6	15.6	9.8	M	M	M	1886	1060
25-Sep-90	24.9	6.7	0.0	M	5.08	316	1.6	16.8	12.1	M	M	M	1897	1066
26-Sep-90	27.4	3.9	0.0	M	4.83	149	1.0	17.0	11.2	M	M	M	1909	1071
27-Sep-90	17.5	4.1	0.0	M	4.68	341	1.9	15.7	11.9	M	M	M	1915	1072
28-Sep-90	13.5	2.0	0.0	M	3.22	342	1.3	13.9	10.7	M	M	M	1918	1072
29-Sep-90	13.0	2.0	0.0	M	3.31	353	1.1	13.4	9.9	M	M	M	1921	1072
30-Sep-90	15.5	3.3	0.0	M	3.29	169	1.3	13.6	9.8	M	M	M	1926	1072
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	20.2	7.9	84.6	M	4.15	224	1.8	17.1	14.3	M	M	M	288	133

GRAND RAPIDS

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 4.44	GDD 10
01-Oct-90	17.8	2.7	6.1	M	4.83	305	1.6	13.9	9.9	M	M	M	1932	1072
02-Oct-90	19.6	1.4	0.0	M	3.13	154	3.6	13.0	8.7	M	M	M	1938	1073
03-Oct-90	16.1	7.7	39.4	M	1.69	280	2.0	13.1	10.5	M	M	M	1946	1075
04-Oct-90 *	12.8	5.6	5.3	M	M	M	M	M	M	M	M	M	1950	1075
05-Oct-90	19.4	1.7	0.0	M	4.01	134	1.0	13.5	8.1	M	M	M	1957	1075
06-Oct-90	12.2	3.1	0.0	M	2.13	338	2.4	11.4	8.8	M	M	M	1960	1075
07-Oct-90	10.2	-2.2	0.0	M	4.18	308	1.0	11.2	6.9	M	M	M	1960	1075
08-Oct-90	11.1	-3.0	0.0	M	3.47	96	0.6	10.6	6.2	M	M	M	1960	1075
09-Oct-90	12.6	-4.6	0.0	M	4.26	165	0.9	10.3	4.9	M	M	M	1960	1075
10-Oct-90	11.8	-3.8	0.0	M	4.50	153	1.6	9.7	4.6	M	M	M	1960	1075
11-Oct-90	9.6	-0.2	0.0	M	1.68	298	1.2	8.3	5.4	M	M	M	1960	1075
12-Oct-90	12.6	-2.5	1.8	M	4.09	158	1.4	10.0	5.0	M	M	M	1961	1075
13-Oct-90	15.6	6.1	0.0	M	3.64	160	2.4	10.9	7.2	M	M	M	1967	1076
14-Oct-90	13.2	3.8	0.0	M	2.13	262	1.2	10.2	7.5	M	M	M	1971	1076
15-Oct-90	13.4	1.3	2.0	M	3.67	251	1.5	9.9	6.2	M	M	M	1974	1076
16-Oct-90	15.6	1.3	0.0	M	2.89	132	1.2	10.5	6.5	M	M	M	1978	1076
17-Oct-90	6.7	-1.2	23.6	M	0.26	1	2.9	8.8	4.5	M	M	M	1978	1076
18-Oct-90	1.2	-4.8	29.5	M	1.68	339	1.0	4.5	3.8	M	M	M	1978	1076
19-Oct-90	2.7	-4.5	0.0	M	1.50	142	3.2	3.9	3.3	M	M	M	1978	1076
20-Oct-90	4.4	1.2	0.0	M	0.67	84	1.3	4.0	3.2	M	M	M	1978	1076
21-Oct-90	5.0	-2.1	1.5	M	1.89	300	1.5	5.6	3.2	M	M	M	1978	1076
22-Oct-90	7.6	-1.4	0.0	M	1.21	160	2.0	5.1	2.8	M	M	M	1978	1076
23-Oct-90	12.4	-2.5	0.0	M	3.05	318	1.3	6.9	1.9	M	M	M	1978	1076
24-Oct-90	6.2	-3.4	0.0	M	2.25	331	1.2	5.6	2.6	M	M	M	1978	1076
25-Oct-90	9.1	-4.5	0.0	M	3.06	158	2.0	5.9	1.7	M	M	M	1978	1076
26-Oct-90	17.2	1.0	0.0	M	3.34	161	2.1	7.5	2.4	M	M	M	1983	1076
27-Oct-90	14.3	-1.2	0.0	M	2.56	326	3.6	7.0	3.7	M	M	M	1985	1076
28-Oct-90	7.7	-5.7	0.0	M	3.13	158	1.9	5.8	2.0	M	M	M	1985	1076
29-Oct-90	16.5	-0.9	0.0	M	3.19	147	1.1	7.7	2.2	M	M	M	1989	1076
30-Oct-90	17.5	-3.1	0.0	M	3.20	133	0.6	7.9	2.6	M	M	M	1991	1076
31-Oct-90	17.7	0.9	0.0	M	2.98	152	2.6	8.2	3.3	M	M	M	1996	1076
MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
11.9	-0.4	109.2	M	2.81	203	1.7	8.7	4.8	M	M	M	70	4	

HAVERHILL

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Apr-90	* 8.3	-0.6	6.9	M	M	M	M	M	M	M	M	M	0	0
02-Apr-90	* 0.0	-3.3	0.0	M	M	M	M	M	M	M	M	M	0	0
03-Apr-90	* 9.4	-4.4	0.5	M	M	M	M	M	M	M	M	M	0	0
04-Apr-90	* 12.8	1.1	0.0	M	M	M	M	M	M	M	M	M	0	1
05-Apr-90	* 2.8	-3.3	0.5	M	M	M	M	M	M	M	M	M	0	1
06-Apr-90	* 0.6	-9.4	0.0	M	M	M	M	M	M	M	M	M	0	1
07-Apr-90	* 8.9	-9.4	0.0	M	M	M	M	M	M	M	M	M	0	1
08-Apr-90	* 17.2	-2.2	2.5	M	M	M	M	M	M	M	M	M	0	5
09-Apr-90	* 14.4	1.7	0.8	M	M	M	M	M	M	M	M	M	0	7
10-Apr-90	* 10.0	-2.8	0.0	M	M	M	M	M	M	M	M	M	0	7
11-Apr-90	* 2.2	-7.2	0.0	M	M	M	M	M	M	M	M	M	0	7
12-Apr-90	* 10.0	-8.3	0.0	M	M	M	M	M	M	M	M	M	0	7
13-Apr-90	* 9.4	-5.0	0.0	M	M	M	M	M	M	M	M	M	0	7
14-Apr-90	* 17.8	-2.2	5.8	M	M	M	M	M	M	M	M	M	0	11
15-Apr-90	* 11.1	-1.1	0.0	M	M	M	M	M	M	M	M	M	0	12
16-Apr-90	* 6.7	-2.2	10.2	M	M	M	M	M	M	M	M	M	0	12
17-Apr-90	* 6.7	-5.6	0.0	M	M	M	M	M	M	M	M	M	0	12
18-Apr-90	* 13.9	-3.9	0.0	M	M	M	M	M	M	M	M	M	0	14
19-Apr-90	* 11.7	5.6	0.0	M	M	M	M	M	M	M	M	M	0	14
20-Apr-90	* 21.7	7.8	9.1	M	M	M	M	M	M	M	M	M	5	20
21-Apr-90	* 23.9	5.6	0.0	M	M	M	M	M	M	M	M	M	9	27
22-Apr-90	* 23.9	9.4	8.9	M	M	M	M	M	M	M	M	M	16	34
23-Apr-90	* 27.8	14.4	78.7	M	M	M	M	M	M	M	M	M	27	45
24-Apr-90	* 27.2	15.0	3.6	M	M	M	M	M	M	M	M	M	38	56
25-Apr-90	* 27.8	15.6	0.0	M	M	M	M	M	M	M	M	M	50	68
26-Apr-90	* 22.2	16.7	4.3	M	M	M	M	M	M	M	M	M	59	78
27-Apr-90	* 18.3	13.9	28.4	M	M	M	M	M	M	M	M	M	66	84
28-Apr-90	* 15.6	3.3	2.0	M	M	M	M	M	M	M	M	M	66	86
29-Apr-90	* 16.7	1.1	3.0	M	M	M	M	M	M	M	M	M	66	90
30-Apr-90	* 11.7	-1.7	0.0	M	M	M	M	M	M	M	M	M	66	91

MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
13.7	1.3	165.4	M	M	M	M	M	M	M	M	M	M	66	91

01-May-90	* 11.7	-1.1	0.0	M	M	M	M	M	M	M	M	M	66	91
02-May-90	* 16.7	-3.3	0.0	M	M	M	M	M	M	M	M	M	66	95
03-May-90	* 18.9	3.3	0.0	M	M	M	M	M	M	M	M	M	67	99
04-May-90	* 17.8	6.1	0.0	M	M	M	M	M	M	M	M	M	69	103
05-May-90	* 19.4	6.1	0.0	M	M	M	M	M	M	M	M	M	71	108
06-May-90	* 21.1	2.8	0.0	M	M	M	M	M	M	M	M	M	73	113
07-May-90	* 29.4	10.6	0.0	M	M	M	M	M	M	M	M	M	83	123
08-May-90	* 21.7	12.2	0.0	M	M	M	M	M	M	M	M	M	90	130
09-May-90	* 13.9	5.6	48.0	M	M	M	M	M	M	M	M	M	90	132
10-May-90	* 11.7	2.2	0.0	M	M	M	M	M	M	M	M	M	90	133
11-May-90	* 17.8	0.0	0.0	M	M	M	M	M	M	M	M	M	90	137
12-May-90	* 13.3	5.6	2.0	M	M	M	M	M	M	M	M	M	90	139
13-May-90	* 19.4	2.2	2.0	M	M	M	M	M	M	M	M	M	91	143
14-May-90	* 17.8	9.4	20.3	M	M	M	M	M	M	M	M	M	95	147
15-May-90	* 14.4	6.1	10.7	M	M	M	M	M	M	M	M	M	95	149
16-May-90	* 16.7	9.4	0.0	M	M	M	M	M	M	M	M	M	98	153
17-May-90	* 12.8	5.6	0.3	M	M	M	M	M	M	M	M	M	98	154
18-May-90	* 18.9	2.8	16.3	M	M	M	M	M	M	M	M	M	99	159
19-May-90	* 10.6	5.6	9.9	M	M	M	M	M	M	M	M	M	99	159
20-May-90	* 11.7	6.1	0.0	M	M	M	M	M	M	M	M	M	99	160
21-May-90	* 15.6	4.4	0.0	M	M	M	M	M	M	M	M	M	99	163
22-May-90	* 19.4	5.0	0.5	M	M	M	M	M	M	M	M	M	101	167
23-May-90	* 22.2	11.7	0.0	M	M	M	M	M	M	M	M	M	108	174
24-May-90	* 22.2	9.4	0.0	M	M	M	M	M	M	M	M	M	114	180
25-May-90	* 14.4	13.3	8.1	M	M	M	M	M	M	M	M	M	118	184
26-May-90	* 20.6	10.0	0.5	M	M	M	M	M	M	M	M	M	123	189
27-May-90	* 20.0	9.4	2.0	M	M	M	M	M	M	M	M	M	128	194
28-May-90	* 24.4	8.9	0.0	M	M	M	M	M	M	M	M	M	134	202
29-May-90	* 21.1	8.9	0.0	M	M	M	M	M	M	M	M	M	139	207
30-May-90	* 21.7	5.6	0.0	M	M	M	M	M	M	M	M	M	143	213
31-May-90	* 23.9	5.6	0.0	M	M	M	M	M	M	M	M	M	148	220

MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
18.1	6.1	120.7	M	M	M	M	M	M	M	M	M	M	82	129

HAVERRHILL

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Jun-90	* 26.7	15.6	0.0	M	M	M	M	M	M	M	M	M	159	231
02-Jun-90	* 22.8	9.4	12.7	M	M	M	M	M	M	M	M	M	165	238
03-Jun-90	* 10.0	4.4	1.5	M	M	M	M	M	M	M	M	M	165	238
04-Jun-90	* 17.2	1.7	0.0	M	M	M	M	M	M	M	M	M	165	241
05-Jun-90	* 19.4	10.0	2.0	M	M	M	M	M	M	M	M	M	170	246
06-Jun-90	* 21.7	10.0	0.0	M	M	M	M	M	M	M	M	M	176	252
07-Jun-90	* 22.8	8.3	0.0	M	M	M	M	M	M	M	M	M	181	258
08-Jun-90	* 26.1	13.3	0.0	M	M	M	M	M	M	M	M	M	191	268
09-Jun-90	* 26.1	12.2	0.0	M	M	M	M	M	M	M	M	M	200	277
10-Jun-90	* 28.3	11.1	0.0	M	M	M	M	M	M	M	M	M	210	287
11-Jun-90	* 25.0	14.4	16.8	M	M	M	M	M	M	M	M	M	219	296
12-Jun-90	* 30.6	21.1	7.9	M	M	M	M	M	M	M	M	M	235	312
13-Jun-90	* 26.7	17.2	0.0	M	M	M	M	M	M	M	M	M	247	324
14-Jun-90	* 28.3	14.4	0.0	M	M	M	M	M	M	M	M	M	259	335
15-Jun-90	* 24.4	16.7	0.0	M	M	M	M	M	M	M	M	M	269	346
16-Jun-90	* 24.4	16.7	33.8	M	M	M	M	M	M	M	M	M	280	356
17-Jun-90	* 26.1	17.8	0.0	M	M	M	M	M	M	M	M	M	292	368
18-Jun-90	* 27.8	16.1	0.0	M	M	M	M	M	M	M	M	M	304	380
19-Jun-90	* 25.0	15.0	8.6	M	M	M	M	M	M	M	M	M	314	390
20-Jun-90	* 23.9	13.9	0.0	M	M	M	M	M	M	M	M	M	323	399
21-Jun-90	* 26.7	13.9	8.4	M	M	M	M	M	M	M	M	M	333	409
22-Jun-90	* 22.8	13.9	4.3	M	M	M	M	M	M	M	M	M	341	418
23-Jun-90	* 25.0	12.8	0.0	M	M	M	M	M	M	M	M	M	350	427
24-Jun-90	* 27.8	12.8	0.0	M	M	M	M	M	M	M	M	M	360	437
25-Jun-90	* 29.4	15.6	0.0	M	M	M	M	M	M	M	M	M	373	449
26-Jun-90	* 31.7	18.9	0.0	M	M	M	M	M	M	M	M	M	388	464
27-Jun-90	* 29.4	17.8	42.9	M	M	M	M	M	M	M	M	M	402	478
28-Jun-90	* 27.2	18.3	10.7	M	M	M	M	M	M	M	M	M	414	490
29-Jun-90	* 29.4	18.9	0.0	M	M	M	M	M	M	M	M	M	429	504
30-Jun-90	* 30.0	20.0	0.0	M	M	M	M	M	M	M	M	M	444	519
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	25.4	14.1	149.6	M	M	M	M	M	M	M	M	M	213	234
01-Jul-90	* 27.2	16.1	0.0	M	M	M	M	M	M	M	M	M	455	531
02-Jul-90	* 28.3	17.8	0.0	M	M	M	M	M	M	M	M	M	468	544
03-Jul-90	* 36.7	21.1	0.0	M	M	M	M	M	M	M	M	M	487	560
04-Jul-90	* 28.3	18.9	0.0	M	M	M	M	M	M	M	M	M	501	573
05-Jul-90	* 25.6	15.0	0.0	M	M	M	M	M	M	M	M	M	511	584
06-Jul-90	* 24.4	13.9	0.0	M	M	M	M	M	M	M	M	M	520	593
07-Jul-90	* 26.7	14.4	127.0	M	M	M	M	M	M	M	M	M	531	603
08-Jul-90	* 27.8	17.2	0.0	M	M	M	M	M	M	M	M	M	543	616
09-Jul-90	* 25.6	16.1	0.0	M	M	M	M	M	M	M	M	M	554	627
10-Jul-90	* 26.1	15.0	0.0	M	M	M	M	M	M	M	M	M	565	637
11-Jul-90	* 22.2	12.8	13.0	M	M	M	M	M	M	M	M	M	572	645
12-Jul-90	* 22.2	12.2	0.0	M	M	M	M	M	M	M	M	M	579	652
13-Jul-90	* 22.8	8.9	0.0	M	M	M	M	M	M	M	M	M	585	658
14-Jul-90	* 24.4	11.7	0.0	M	M	M	M	M	M	M	M	M	593	666
15-Jul-90	* 26.7	12.8	0.3	M	M	M	M	M	M	M	M	M	603	676
16-Jul-90	* 28.9	14.4	0.0	M	M	M	M	M	M	M	M	M	615	688
17-Jul-90	* 29.4	18.9	0.5	M	M	M	M	M	M	M	M	M	629	702
18-Jul-90	* 30.0	18.9	13.2	M	M	M	M	M	M	M	M	M	643	716
19-Jul-90	* 25.6	17.2	0.3	M	M	M	M	M	M	M	M	M	655	728
20-Jul-90	* 25.6	17.2	0.0	M	M	M	M	M	M	M	M	M	666	739
21-Jul-90	* 23.9	16.1	0.0	M	M	M	M	M	M	M	M	M	676	749
22-Jul-90	* 23.3	13.9	0.0	M	M	M	M	M	M	M	M	M	685	758
23-Jul-90	* 25.0	11.1	0.0	M	M	M	M	M	M	M	M	M	693	766
24-Jul-90	* 25.6	11.7	12.4	M	M	M	M	M	M	M	M	M	701	774
25-Jul-90	* 27.2	18.3	39.4	M	M	M	M	M	M	M	M	M	714	787
26-Jul-90	* 21.7	18.3	19.8	M	M	M	M	M	M	M	M	M	724	797
27-Jul-90	* 25.6	18.9	24.6	M	M	M	M	M	M	M	M	M	736	809
28-Jul-90	* 27.8	18.3	30.5	M	M	M	M	M	M	M	M	M	749	823
29-Jul-90	* 27.2	17.2	0.0	M	M	M	M	M	M	M	M	M	762	835
30-Jul-90	* 23.9	12.8	0.0	M	M	M	M	M	M	M	M	M	770	843
31-Jul-90	* 24.4	10.0	0.0	M	M	M	M	M	M	M	M	M	777	850
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	26.1	15.4	280.9	M	M	M	M	M	M	M	M	M	333	331

HAVERRHILL

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Aug-90	* 25.0	10.0	0.0	M	M	M	M	M	M	M	M	M	785	858
02-Aug-90	* 26.1	15.0	20.3	M	M	M	M	M	M	M	M	M	795	868
03-Aug-90	* 27.8	20.0	0.0	M	M	M	M	M	M	M	M	M	809	882
04-Aug-90	* 25.0	14.4	0.0	M	M	M	M	M	M	M	M	M	819	892
05-Aug-90	* 22.2	11.7	0.0	M	M	M	M	M	M	M	M	M	826	899
06-Aug-90	* 24.4	9.4	0.0	M	M	M	M	M	M	M	M	M	833	906
07-Aug-90	* 25.0	12.2	0.0	M	M	M	M	M	M	M	M	M	841	915
08-Aug-90	* 25.6	10.0	0.0	M	M	M	M	M	M	M	M	M	849	923
09-Aug-90	* 27.2	12.8	0.0	M	M	M	M	M	M	M	M	M	859	933
10-Aug-90	* 28.3	15.6	2.0	M	M	M	M	M	M	M	M	M	871	944
11-Aug-90	* 22.2	13.9	0.0	M	M	M	M	M	M	M	M	M	879	953
12-Aug-90	* 22.2	11.1	0.0	M	M	M	M	M	M	M	M	M	886	959
13-Aug-90	* 24.4	10.0	0.0	M	M	M	M	M	M	M	M	M	893	966
14-Aug-90	* 28.3	16.1	0.0	M	M	M	M	M	M	M	M	M	905	979
15-Aug-90	* 28.3	18.3	0.0	M	M	67	M	29.7	27.3	93	73	M	919	992
16-Aug-90	* 28.9	16.7	0.0	M	M	179	M	31.8	24.7	92	69	M	931	1005
17-Aug-90	* 27.2	20.0	2.8	M	M	160	M	28.7	25.9	M	73	M	945	1018
18-Aug-90	* 31.1	20.0	7.9	M	M	150	M	29.3	25.1	M	71	M	961	1033
19-Aug-90	* 20.6	16.1	14.0	M	M	73	M	26.7	22.7	M	72	M	969	1042
20-Aug-90	* 17.8	15.6	0.0	M	M	69	M	22.7	21.7	M	72	M	976	1048
21-Aug-90	* 29.1	16.6	0.0	M	M	63	M	25.7	21.0	94	72	M	988	1061
22-Aug-90	* 25.0	18.8	0.0	M	M	133	M	26.4	21.9	93	74	M	1000	1073
23-Aug-90	* 25.0	18.1	0.3	M	M	160	M	25.2	22.6	93	85	M	1012	1085
24-Aug-90	* 28.9	18.9	3.8	M	M	162	M	27.8	23.7	M	72	M	1026	1099
25-Aug-90	* 29.4	17.2	13.2	M	M	178	M	28.2	23.2	90	79	M	1039	1112
26-Aug-90	* 27.8	19.8	22.3	M	M	140	M	28.2	24.4	92	76	M	1053	1126
27-Aug-90	* 31.7	22.2	1.3	M	M	201	M	30.7	25.1	M	71	M	1070	1142
28-Aug-90	* 28.9	18.3	0.0	M	M	346	M	31.1	26.6	M	61	M	1083	1155
29-Aug-90	* 26.7	14.8	0.0	M	M	329	M	30.2	23.8	94	41	M	1094	1166
30-Aug-90	28.7	17.1	0.0	M	M	169	M	30.1	22.6	93	64	M	1107	1179
31-Aug-90	31.9	17.9	0.1	M	M	171	M	26.8	23.8	93	76	M	1122	1193
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	26.5	15.8	87.9	M	M	M	M	M	M	M	M	M	345	343
01-Sep-90	* 27.8	15.0	0.0	M	M	129	M	27.6	22.8	M	62	M	1133	1204
02-Sep-90	* 26.7	18.4	0.0	M	M	106	M	28.7	22.4	92	63	M	1146	1217
03-Sep-90	* 26.7	16.7	13.5	M	M	162	M	25.8	22.8	M	72	M	1158	1228
04-Sep-90	* 29.4	22.4	0.0	M	M	259	M	28.4	23.3	91	78	M	1173	1244
05-Sep-90	* 31.1	18.3	0.0	M	M	134	M	28.6	24.3	M	72	M	1188	1259
06-Sep-90	* 30.0	22.0	0.0	M	M	257	M	30.5	25.1	91	76	M	1204	1275
07-Sep-90	* 26.7	15.6	0.3	M	M	48	M	27.8	24.2	M	71	M	1215	1286
08-Sep-90	* 25.0	17.8	0.0	M	M	162	M	26.0	23.4	93	77	M	1227	1297
09-Sep-90	* 26.1	17.2	0.0	M	M	179	M	26.6	22.1	M	71	M	1238	1309
10-Sep-90	* 27.2	17.6	0.0	M	M	35	M	28.1	22.0	93	70	M	1251	1321
11-Sep-90	28.5	15.6	0.0	M	M	159	M	28.1	22.1	93	74	2.35	1263	1333
12-Sep-90	29.9	20.5	0.0	M	M	189	M	29.6	23.4	92	66	2.48	1278	1348
13-Sep-90	28.7	19.4	6.4	M	M	193	M	29.1	23.9	92	67	2.40	1292	1363
14-Sep-90	* 23.3	8.3	0.0	M	M	M	M	M	M	M	M	M	1298	1369
15-Sep-90	* 25.0	7.2	0.0	M	M	M	M	M	M	M	M	M	1304	1377
16-Sep-90	* 15.6	5.6	0.0	M	M	M	M	M	M	M	M	M	1305	1379
17-Sep-90	* 16.1	3.9	0.0	M	M	M	M	M	M	M	M	M	1305	1383
18-Sep-90	* 12.2	8.3	15.2	M	M	M	M	M	M	M	M	M	1305	1384
19-Sep-90	* 20.0	9.1	0.0	M	M	307	M	21.3	16.7	95	56	M	1309	1389
20-Sep-90	24.1	10.4	0.1	M	M	176	M	20.4	15.8	95	68	1.58	1317	1396
21-Sep-90	27.3	6.8	0.0	M	M	284	M	19.8	17.2	95	58	1.34	1324	1405
22-Sep-90	9.2	6.2	0.0	M	M	301	M	17.2	14.0	96	87	0.97	1324	1405
23-Sep-90	13.5	2.9	0.0	M	M	303	M	17.1	12.0	96	52	0.81	1324	1406
24-Sep-90	24.4	2.4	0.0	M	M	216	M	19.2	12.1	93	44	1.10	1327	1413
25-Sep-90	26.9	7.0	0.0	M	M	284	M	21.7	15.3	96	40	1.38	1334	1422
26-Sep-90	28.0	4.8	0.0	M	M	205	M	21.8	15.3	96	30	1.20	1340	1431
27-Sep-90	20.5	11.8	0.0	M	M	336	M	19.4	17.0	90	70	1.36	1347	1437
28-Sep-90	18.5	8.4	0.0	M	M	359	M	20.7	15.8	95	61	1.20	1350	1441
29-Sep-90	16.4	1.9	0.0	M	M	335	M	19.8	16.0	97	55	0.99	1350	1445
30-Sep-90	18.6	-0.2	0.0	M	M	242	M	18.9	13.2	97	45	0.92	1350	1449
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	23.4	11.4	35.4	M	M	M	M	M	M	M	M	M	228	256

## HAVERHILL

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Oct-90	19.0	2.2	0.0	M	M	272	M	19.8	15.5	96	38	0.94	1351	1453
02-Oct-90	* 23.6	2.4	2.3	M	M	163	M	19.7	14.1	96	45	1.24	1354	1460
03-Oct-90	* 24.7	6.5	17.3	M	M	233	M	18.9	15.2	94	82	1.69	1359	1467
04-Oct-90	18.9	4.8	0.0	M	M	250	M	16.3	12.8	93	34	0.90	1361	1472
05-Oct-90	28.1	9.8	0.0	M	M	196	M	19.0	14.1	91	46	1.49	1370	1481
06-Oct-90	17.1	7.8	0.0	M	M	3	3.6	19.2	16.8	73	58	0.91	1372	1484
07-Oct-90	12.5	2.9	0.0	M	M	9	2.7	17.1	13.6	92	49	0.76	1372	1486
08-Oct-90	5.8	3.5	2.5	M	M	31	2.3	14.8	11.7	94	83	0.75	1372	1486
09-Oct-90	9.7	-3.8	0.0	M	M	20	2.0	13.0	9.8	96	47	0.59	1372	1486
10-Oct-90	10.9	-3.0	0.0	M	M	3	1.8	12.7	8.0	95	43	0.54	1372	1486
11-Oct-90	18.7	-2.0	0.0	M	M	182	2.8	13.9	7.8	91	48	0.81	1372	1491
12-Oct-90	14.5	-0.9	0.0	M	M	342	2.2	15.4	11.6	92	35	0.71	1372	1493
13-Oct-90	16.6	2.1	1.5	M	M	171	3.1	14.3	10.1	92	53	0.90	1372	1496
14-Oct-90	16.5	4.4	0.5	M	M	262	2.5	14.4	11.3	93	43	0.82	1373	1499
15-Oct-90	15.5	0.4	0.0	M	M	223	2.2	13.3	9.4	93	41	0.68	1373	1502
16-Oct-90	19.0	6.3	0.0	M	M	160	3.0	14.8	10.6	86	60	1.08	1376	1507
17-Oct-90	* 18.6	0.3	7.9	M	M	227	5.0	15.6	12.6	95	81	1.34	1376	1511
18-Oct-90	5.3	-3.8	0.2	M	M	329	3.9	12.6	8.4	96	69	0.57	1376	1511
19-Oct-90	10.7	-3.2	0.0	M	M	148	3.9	9.4	6.8	95	57	0.60	1376	1511
20-Oct-90	* 12.8	4.2	18.8	M	M	189	3.1	10.1	7.6	94	70	0.87	1376	1513
21-Oct-90	9.0	-2.7	0.0	M	M	310	2.8	10.9	8.1	94	55	0.64	1376	1513
22-Oct-90	13.8	-2.6	0.0	M	M	184	3.8	9.6	6.4	94	46	0.64	1376	1515
23-Oct-90	17.8	2.8	0.5	M	M	276	2.7	12.5	8.7	92	42	0.79	1376	1518
24-Oct-90	11.1	-3.5	0.0	M	M	323	2.1	10.1	7.2	95	39	0.54	1376	1519
25-Oct-90	10.0	-6.4	0.0	M	M	177	1.8	9.4	6.0	96	49	0.53	1376	1519
26-Oct-90	17.4	2.5	0.0	M	M	183	4.1	10.5	6.1	71	46	0.72	1376	1523
27-Oct-90	11.7	1.4	0.0	M	M	298	4.4	10.4	8.4	84	40	0.64	1376	1524
28-Oct-90	11.4	-5.9	0.0	M	M	217	1.5	9.5	5.9	94	34	0.45	1376	1524
29-Oct-90	18.3	2.5	0.0	M	M	179	3.3	10.9	6.3	87	44	0.72	1376	1528
30-Oct-90	17.6	1.4	0.0	M	M	61	1.8	11.6	7.9	95	43	0.80	1376	1532
31-Oct-90	22.0	5.6	0.0	M	M	150	2.8	12.9	8.4	82	57	1.13	1380	1538
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	15.4	1.2	51.5	M	M	186	M	13.6	9.9	91	51	0.83	30	89



LAMBERTON

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Apr-90	8.6	-1.2	0.0	M	4.07	335	7.4	8.4	2.8	98	55	0.69	0	0
02-Apr-90	7.4	-3.8	0.0	M	6.41	352	5.0	9.4	0.9	93	39	0.41	0	0
03-Apr-90	18.5	-7.8	0.0	M	6.01	212	4.0	12.1	0.8	97	23	0.51	0	4
04-Apr-90	14.1	-1.8	0.0	M	5.95	345	5.5	14.3	3.7	100	32	0.65	0	6
05-Apr-90	2.3	-6.5	1.8	M	6.07	336	6.0	8.9	2.1	92	42	0.34	0	6
06-Apr-90	2.1	-10.0	0.0	M	6.24	340	4.6	7.7	0.7	77	40	0.25	0	6
07-Apr-90	13.8	-11.3	0.0	M	6.60	250	2.7	11.9	0.5	80	17	0.24	0	8
08-Apr-90	19.3	-5.2	0.0	M	5.23	176	3.7	14.0	2.0	96	16	0.61	0	13
09-Apr-90	14.5	3.2	1.5	M	2.72	357	6.8	11.4	6.9	92	70	0.93	0	15
10-Apr-90	8.1	-4.5	0.0	M	4.78	353	5.1	10.4	3.7	92	44	0.45	0	15
11-Apr-90	3.7	-7.6	0.0	M	4.43	335	3.9	8.9	2.0	82	35	0.31	0	15
12-Apr-90	12.1	-8.5	0.0	M	6.85	259	3.7	13.0	1.2	77	19	0.31	0	16
13-Apr-90	10.2	-5.2	0.0	M	2.70	208	2.6	9.8	3.0	97	64	0.61	0	16
14-Apr-90	20.8	-0.7	0.0	M	5.30	266	5.6	14.2	3.2	97	18	0.70	0	22
15-Apr-90	15.6	-4.7	0.0	M	6.72	270	3.9	14.7	3.3	93	21	0.41	0	24
16-Apr-90	10.7	-3.5	4.1	M	3.89	341	6.2	9.3	4.0	100	32	0.57	0	25
17-Apr-90	11.4	-5.9	1.3	M	7.14	292	2.5	14.0	1.6	81	20	0.33	0	25
18-Apr-90	16.3	-2.6	0.0	M	6.27	199	7.2	14.1	3.4	78	19	0.41	0	29
19-Apr-90	20.2	9.3	0.0	M	4.20	215	7.1	15.3	8.6	79	40	0.87	5	34
20-Apr-90	27.0	7.9	0.0	M	6.70	323	3.1	21.9	9.6	97	25	1.12	12	42
21-Apr-90	28.6	7.3	0.0	M	5.62	209	4.8	21.3	11.7	92	21	1.03	20	52
22-Apr-90	30.6	12.2	0.0	M	6.45	194	7.1	23.1	13.8	87	31	1.37	32	63
23-Apr-90	30.2	16.1	0.5	11.4	3.58	194	6.1	21.4	16.0	95	37	1.79	45	76
24-Apr-90	28.1	15.5	0.8	6.1	4.73	205	6.0	21.7	15.3	91	40	1.73	57	87
25-Apr-90	29.3	16.9	0.0	7.6	4.86	208	8.3	22.1	16.4	89	38	1.61	70	101
26-Apr-90	26.8	8.8	0.0	11.4	4.35	226	6.5	21.3	16.9	94	41	1.64	78	109
27-Apr-90	11.7	1.8	0.0	0.0	0.72	346	4.6	17.1	9.9	99	94	1.03	78	110
28-Apr-90	7.0	0.4	11.7	0.0	2.94	320	4.6	11.3	7.0	98	79	0.71	78	110
29-Apr-90	7.1	-0.3	13.7	0.0	1.25	18	4.8	8.6	4.5	100	M	M	78	110
30-Apr-90 *	9.9	-1.1	7.4	0.0	5.78	278	5.8	10.1	M	M	M	M	78	110
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	15.5	0.2	42.7	M	4.95	265	5.2	14.1	6.1	91	38	0.77	78	110
01-May-90	12.5	-1.4	0.0	3.8	5.73	302	4.5	11.9	3.2	94	39	0.57	78	111
02-May-90 *	28.3	2.8	0.0	6.1	7.84	185	2.5	17.3	M	97	M	M	83	120
03-May-90 *	22.0	1.1	0.0	3.8	7.27	163	3.0	21.6	M	76	M	M	85	126
04-May-90	22.4	4.6	0.0	7.6	7.17	316	2.6	22.9	10.8	82	M	M	88	132
05-May-90	20.3	6.7	0.0	7.6	6.21	345	4.3	21.4	12.4	74	M	M	92	138
06-May-90	25.2	2.0	0.0	9.1	7.74	246	4.3	23.2	10.8	67	M	M	95	145
07-May-90	33.5	15.3	0.0	10.7	7.47	235	9.6	24.4	15.2	63	12	0.86	110	158
08-May-90	20.5	10.7	4.1	11.4	5.92	314	3.6	24.7	15.9	97	32	1.11	115	163
09-May-90	12.9	4.3	3.0	1.8	2.41	348	5.7	16.5	10.0	94	50	0.83	115	165
10-May-90	15.5	0.1	0.0	3.8	7.92	336	5.7	19.2	7.3	79	23	0.50	115	168
11-May-90	19.5	0.6	0.0	7.6	4.79	226	3.2	19.0	8.7	96	M	M	115	172
12-May-90	17.0	6.8	2.8	0.0	3.05	122	1.7	16.8	11.8	98	63	1.18	117	176
13-May-90	19.0	3.9	3.0	0.0	3.71	202	4.4	16.9	9.1	M	M	M	119	180
14-May-90	18.6	11.8	17.8	0.0	3.36	358	2.4	18.0	12.4	97	77	1.52	124	186
15-May-90	13.5	9.9	0.0	3.8	0.87	92	5.3	13.9	11.6	M	M	M	126	187
16-May-90	15.5	8.8	15.0	0.0	4.51	303	5.0	15.3	10.9	96	M	M	128	190
17-May-90	18.8	6.3	0.0	3.6	7.59	318	7.1	18.7	9.0	M	M	0.72	130	195
18-May-90	20.4	3.4	0.0	11.4	7.49	72	4.1	22.5	9.1	95	M	M	132	200
19-May-90	10.2	6.7	14.2	0.0	0.71	70	5.4	14.9	9.4	98	85	1.06	132	200
20-May-90 *	13.9	5.6	22.9	0.0	2.53	53	1.1	14.7	M	M	M	M	132	202
21-May-90	18.0	6.8	0.0	3.8	5.11	141	2.4	18.8	9.3	M	M	M	135	206
22-May-90	26.0	6.7	0.0	3.8	7.61	171	2.2	24.0	10.6	M	M	M	141	214
23-May-90	22.7	14.5	17.3	6.6	3.97	164	M	21.8	15.0	M	M	M	149	222
24-May-90	23.5	12.5	0.0	M	6.56	127	M	22.3	14.2	M	48	1.53	157	230
25-May-90	16.6	14.6	2.0	5.8	0.82	106	M	18.1	14.9	M	M	M	163	236
26-May-90	22.1	14.7	13.0	0.0	5.44	37	M	23.1	14.5	M	M	M	171	244
27-May-90	21.7	11.5	0.0	3.8	4.81	35	M	22.1	15.1	M	M	M	178	251
28-May-90	27.4	10.8	0.0	4.6	7.46	3	M	26.3	13.4	92	M	M	187	260
29-May-90	26.5	11.3	0.0	7.6	7.63	99	M	27.5	15.3	96	M	M	196	269
30-May-90	25.6	10.1	0.0	0.0	8.21	143	M	28.5	16.2	73	M	M	204	277
31-May-90	24.5	11.3	0.0	10.9	5.40	193	5.6	24.6	16.8	84	37	1.08	212	285
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	20.5	7.6	115.1	139.2	5.42	188	M	20.3	11.9	M	M	M	134	175

LAMBERTON

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Jun-90	29.5	16.4	0.0	7.6	6.55	194	6.5	27.7	18.5	92	50	2.00	225	298
02-Jun-90	23.2	9.1	6.6	8.4	1.29	298	5.3	23.5	14.8	96	M	M	231	304
03-Jun-90	10.5	3.6	0.5	2.5	2.23	323	7.3	15.1	10.1	96	M	M	231	304
04-Jun-90	19.5	3.9	0.5	0.5	7.51	192	3.3	19.8	8.3	M	47	1.07	233	309
05-Jun-90	25.3	12.8	0.0	4.8	7.59	278	4.2	26.2	13.5	88	M	M	242	318
06-Jun-90	24.8	9.7	0.0	7.6	5.30	300	2.6	24.4	14.7	M	M	M	249	326
07-Jun-90	24.7	9.4	0.0	7.6	4.56	166	3.5	23.0	14.9	M	M	M	256	333
08-Jun-90	26.7	15.3	0.0	3.8	6.97	287	4.9	26.4	16.8	97	M	M	267	344
09-Jun-90	28.7	11.3	0.0	7.6	8.42	299	3.1	29.3	16.6	89	M	1.35	277	354
10-Jun-90	33.3	14.2	0.0	12.2	7.88	194	4.5	30.6	18.7	77	27	1.38	291	366
11-Jun-90	34.8	21.3	0.0	14.2	4.14	191	8.2	28.1	21.9	73	46	2.09	309	382
12-Jun-90	32.9	19.8	1.3	8.9	7.15	340	3.0	31.7	22.6	M	M	M	325	397
13-Jun-90	31.3	17.2	5.1	8.9	8.03	254	4.2	31.4	21.7	98	M	M	339	410
14-Jun-90	29.4	12.0	0.0	11.4	5.88	66	2.6	29.8	19.4	92	23	1.26	350	421
15-Jun-90	28.6	16.4	0.0	7.6	5.57	94	4.9	28.7	20.7	89	55	1.69	363	434
16-Jun-90	23.3	17.4	13.7	6.9	3.48	36	4.0	25.5	19.4	M	M	M	373	444
17-Jun-90	24.8	18.8	35.8	5.6	7.08	269	5.7	25.0	19.1	100	M	M	385	456
18-Jun-90	31.7	15.6	0.0	7.6	8.40	295	3.1	32.3	17.9	94	32	1.79	398	469
19-Jun-90	28.0	17.9	16.0	8.9	6.54	196	4.3	27.0	20.8	M	M	M	411	481
20-Jun-90	26.8	16.1	0.0	7.6	7.51	301	4.8	29.3	19.8	90	38	1.54	423	493
21-Jun-90	25.0	13.9	0.0	11.2	3.59	280	3.0	24.7	18.8	95	M	M	432	502
22-Jun-90	25.4	13.9	0.0	2.5	5.98	338	4.5	27.5	17.8	94	M	M	442	512
23-Jun-90	26.2	13.4	0.0	7.6	8.35	324	2.9	30.6	17.6	100	M	M	452	522
24-Jun-90	31.3	12.1	0.0	7.6	7.78	202	2.5	31.8	19.3	M	M	M	463	533
25-Jun-90	35.1	18.1	0.0	7.6	7.56	186	2.1	34.4	22.2	95	M	M	480	547
26-Jun-90	34.0	18.4	0.0	7.6	8.15	351	2.3	35.3	23.9	98	M	M	496	561
27-Jun-90	36.0	20.1	0.0	9.4	6.79	167	3.6	34.1	24.8	92	31	2.33	514	576
28-Jun-90	29.4	20.4	5.6	10.9	5.23	205	4.0	30.9	23.7	M	M	M	529	591
29-Jun-90	32.2	21.2	0.8	4.6	5.68	360	2.2	33.1	23.6	100	M	M	546	607
30-Jun-90	31.4	18.4	0.0	7.6	8.32	355	2.7	34.9	23.4	M	M	M	561	621

MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
28.1	14.9	85.9	227.1	6.32	245	4.0	28.4	18.9	M	M	M	349	336	

01-Jul-90	30.4	15.9	0.0	8.4	4.33	161	2.6	28.8	23.4	97	M	M	574	634
02-Jul-90	33.5	21.5	0.0	5.8	7.13	157	4.2	32.9	23.4	92	61	2.84	591	650
03-Jul-90	39.3	23.9	0.0	9.7	8.15	233	5.1	34.2	25.0	94	35	2.76	613	667
04-Jul-90	26.3	16.7	0.0	12.7	2.45	317	2.2	29.2	22.1	98	M	M	625	678
05-Jul-90	25.7	14.7	1.8	4.8	7.94	3	3.0	30.3	19.9	M	M	M	635	688
06-Jul-90	28.2	13.0	0.0	7.1	6.74	149	4.0	29.6	20.7	M	M	M	645	699
07-Jul-90	33.6	19.9	11.2	6.3	6.24	175	5.3	29.6	22.1	M	M	M	662	714
08-Jul-90	29.3	17.0	2.3	9.4	6.50	316	4.0	29.1	23.2	98	M	M	675	727
09-Jul-90	22.9	16.3	0.0	5.3	2.45	297	1.5	24.0	20.6	M	73	1.96	685	736
10-Jul-90	27.9	16.1	0.5	0.5	3.95	351	1.4	26.3	19.1	97	M	M	697	748
11-Jul-90	21.2	15.4	0.0	3.8	2.20	352	2.8	22.7	18.7	M	M	M	705	757
12-Jul-90	21.8	12.4	6.6	0.0	4.64	41	3.9	24.2	18.7	92	50	1.43	712	764
13-Jul-90	25.0	11.3	0.0	7.6	1.38	81	1.4	27.7	20.7	98	47	1.55	720	772
14-Jul-90	27.9	9.4	0.0	6.3	8.09	240	1.6	29.5	16.9	M	M	M	729	781
15-Jul-90	29.4	11.0	0.0	6.3	7.85	241	1.9	30.3	18.6	100	M	M	739	791
16-Jul-90	32.0	19.1	0.0	5.3	7.43	200	1.1	31.9	20.8	91	M	M	755	806
17-Jul-90	32.9	20.0	0.0	7.6	5.52	264	3.4	30.3	24.3	85	61	2.55	771	821
18-Jul-90	30.9	14.4	0.0	7.6	6.82	208	M	32.4	21.9	99	M	M	784	833
19-Jul-90	23.6	17.7	40.6	12.2	2.36	28	M	24.6	20.6	100	M	M	795	844
20-Jul-90	27.0	17.4	2.5	2.5	6.64	16	M	27.7	18.1	M	M	M	807	856
21-Jul-90	24.1	13.7	0.0	5.6	5.14	341	M	26.3	19.6	100	M	M	816	865
22-Jul-90	23.9	12.4	0.5	5.8	7.13	308	M	28.4	16.9	99	M	M	824	873
23-Jul-90	27.5	11.8	0.0	3.8	6.42	221	M	30.3	18.3	95	M	M	833	882
24-Jul-90	26.2	13.9	0.0	3.8	5.73	181	M	28.8	19.7	96	M	M	843	893
25-Jul-90	25.6	19.4	0.0	3.8	1.36	140	M	25.6	21.8	M	M	M	856	905
26-Jul-90	25.7	21.8	2.5	2.5	1.44	132	M	27.0	23.1	M	M	M	870	919
27-Jul-90	29.4	20.3	0.8	2.8	2.98	166	3.1	28.6	23.3	89	M	M	884	934
28-Jul-90	30.4	19.2	1.0	5.6	4.07	244	1.7	30.2	21.0	M	M	M	899	948
29-Jul-90	27.0	17.0	0.0	3.8	6.24	331	3.2	30.7	21.3	M	M	M	911	960
30-Jul-90	24.0	12.1	0.0	3.8	7.04	340	2.8	29.9	20.1	92	M	M	919	968
31-Jul-90	26.2	9.1	0.0	5.3	7.67	204	2.1	31.0	19.0	M	M	M	927	976

MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
27.7	15.9	70.4	176.3	5.29	208	M	28.8	20.8	M	M	M	366	355	

LAMBERTON

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Aug-90	27.7	14.7	0.0	7.6	7.47	196	3.7	30.6	20.9	M	M	M	938	987
02-Aug-90	27.0	17.1	0.0	7.6	4.35	196	2.9	27.8	21.9	92	M	M	950	1000
03-Aug-90	32.7	17.1	0.0	3.8	5.47	217	2.1	32.1	22.1	86	M	M	965	1013
04-Aug-90	24.3	13.1	0.0	6.1	7.32	346	3.7	30.2	22.3	M	M	M	974	1022
05-Aug-90	23.4	10.0	0.0	9.1	7.47	355	2.8	29.6	19.7	90	M	M	980	1029
06-Aug-90	27.8	7.8	0.0	3.8	7.00	240	2.0	30.1	19.1	93	M	M	988	1037
07-Aug-90	26.8	9.4	0.0	6.9	7.45	210	3.6	29.8	19.8	95	M	M	996	1046
08-Aug-90	27.6	12.8	0.0	7.6	7.39	203	4.0	29.8	20.3	90	48	1.66	1007	1056
09-Aug-90	30.4	16.3	0.0	7.6	5.63	271	2.8	30.7	21.4	91	M	M	1020	1069
10-Aug-90	29.0	16.6	0.3	5.1	4.55	321	2.0	29.4	22.5	95	M	M	1033	1082
11-Aug-90	24.1	9.4	0.0	7.6	7.08	12	2.2	29.6	20.1	99	55	1.48	1039	1089
12-Aug-90	22.6	11.8	0.0	5.1	4.35	82	2.0	26.4	21.2	97	M	M	1047	1096
13-Aug-90	26.3	9.0	0.0	3.8	6.43	209	2.4	28.3	18.7	100	M	M	1054	1104
14-Aug-90	31.5	17.4	0.0	6.3	5.95	248	3.9	30.1	21.2	M	M	M	1069	1118
15-Aug-90	29.1	14.3	0.0	7.6	7.05	24	1.4	31.4	21.6	94	M	M	1080	1130
16-Aug-90	30.0	15.9	0.5	6.1	5.94	194	2.5	30.5	22.3	100	M	M	1093	1143
17-Aug-90	29.9	21.9	0.0	0.5	3.83	168	2.5	28.6	24.1	95	M	M	1109	1159
18-Aug-90	27.6	16.5	5.1	0.5	3.58	43	3.0	29.2	23.4	96	M	M	1121	1171
19-Aug-90 *	29.4	13.9	48.3	0.0	1.15	70	4.1	24.6	19.8	M	M	M	1133	1182
20-Aug-90	19.4	17.2	48.3	0.0	0.95	52	2.0	19.8	17.7	97	M	M	1141	1191
21-Aug-90	21.6	16.0	6.3	0.8	2.16	99	M	22.2	17.7	M	M	M	1150	1200
22-Aug-90	24.9	14.7	0.0	2.8	2.95	163	M	23.1	17.1	92	M	M	1160	1209
23-Aug-90	25.4	19.5	0.8	2.3	1.75	175	M	23.7	19.8	M	M	M	1172	1222
24-Aug-90	23.7	18.7	2.0	2.0	1.68	168	M	23.3	20.3	M	M	M	1184	1233
25-Aug-90	32.1	18.5	3.3	1.5	6.36	176	M	29.0	19.3	M	M	M	1199	1247
26-Aug-90	30.5	17.1	15.7	8.1	5.90	107	M	28.9	20.5	94	M	M	1213	1261
27-Aug-90	33.0	22.4	0.0	3.8	3.60	38	M	31.3	23.0	90	M	M	1230	1277
28-Aug-90	29.8	19.4	1.8	4.3	5.96	332	M	29.9	22.3	90	M	M	1245	1292
29-Aug-90	28.6	15.2	0.0	4.6	6.33	320	M	31.4	19.9	71	M	M	1257	1303
30-Aug-90	30.7	14.9	0.0	6.3	6.28	199	M	31.4	19.8	87	M	M	1270	1316
31-Aug-90	31.9	19.6	0.0	7.1	5.37	232	M	32.8	22.7	87	M	M	1285	1331
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	27.7	15.4	132.3	146.6	5.25	186	M	28.7	20.8	M	M	M	358	355
01-Sep-90	29.2	16.1	0.0	6.9	4.64	96	0.4	30.5	22.0	92	M	M	1298	1343
02-Sep-90	28.6	14.3	0.0	3.8	5.10	148	0.6	30.8	20.9	M	M	M	1310	1355
03-Sep-90	31.1	19.5	1.0	4.3	4.34	200	1.2	28.9	22.2	M	M	M	1325	1370
04-Sep-90	30.1	18.5	0.0	6.3	5.63	303	3.4	32.0	22.8	87	M	M	1339	1384
05-Sep-90	34.2	18.1	0.0	5.6	5.53	196	1.6	32.9	23.2	94	M	M	1355	1398
06-Sep-90	29.9	18.5	0.0	6.9	4.41	306	2.7	30.6	24.1	M	M	M	1370	1412
07-Sep-90	25.5	14.6	0.5	5.1	3.88	46	2.2	26.8	21.7	86	M	M	1380	1422
08-Sep-90	27.1	14.5	0.0	3.8	5.35	213	1.4	29.9	20.7	M	M	M	1390	1433
09-Sep-90	28.4	14.8	0.0	3.8	4.13	244	2.3	27.4	20.5	M	M	M	1402	1444
10-Sep-90 *	27.2	13.3	0.0	3.8	3.82	92	2.5	28.5	M	M	M	M	1412	1455
11-Sep-90	32.0	14.9	0.0	4.8	5.50	214	3.2	28.7	20.1	M	M	M	1426	1467
12-Sep-90	34.1	18.8	0.0	7.6	5.72	219	4.3	29.7	21.5	M	M	M	1442	1482
13-Sep-90	31.5	14.3	0.0	10.7	5.46	226	6.5	28.3	21.7	M	M	M	1455	1494
14-Sep-90	20.0	9.1	18.0	16.3	5.18	331	4.0	23.5	16.4	M	M	M	1460	1499
15-Sep-90	25.5	8.6	0.0	4.8	5.69	314	4.1	24.0	14.1	M	M	M	1467	1507
16-Sep-90	18.4	4.5	0.0	8.6	5.33	41	2.5	22.9	12.6	M	M	M	1468	1511
17-Sep-90	19.2	5.0	0.0	2.3	4.14	170	2.7	20.7	12.6	M	M	M	1470	1515
18-Sep-90	15.2	12.1	2.5	2.5	0.53	134	2.3	17.0	15.5	M	M	M	1474	1519
19-Sep-90	22.5	11.1	8.4	0.3	4.82	321	1.6	22.1	14.3	M	M	M	1481	1526
20-Sep-90	21.0	11.9	0.0	3.8	1.57	220	3.7	18.2	14.8	M	M	M	1487	1532
21-Sep-90	19.3	8.9	0.0	2.5	5.27	310	3.9	19.7	13.4	M	M	M	1491	1537
22-Sep-90	9.7	3.6	0.0	7.1	2.02	332	5.2	14.5	10.5	M	M	M	1491	1537
23-Sep-90	16.8	0.2	0.0	2.5	5.41	298	2.7	18.6	7.6	M	M	M	1491	1540
24-Sep-90	28.7	6.5	0.0	3.8	5.24	238	4.0	21.2	10.2	M	M	M	1499	1550
25-Sep-90	30.4	10.7	0.0	6.1	5.14	286	0.6	23.2	13.2	M	M	M	1509	1560
26-Sep-90	30.7	8.3	0.0	7.1	4.93	193	0.4	23.5	13.7	M	M	M	1519	1570
27-Sep-90	19.2	9.8	0.0	7.6	1.14	21	3.6	18.4	15.2	71	34	M	1523	1575
28-Sep-90	18.5	9.0	0.0	3.8	2.04	17	2.5	20.2	15.4	75	35	0.75	1527	1579
29-Sep-90	16.8	2.1	0.0	3.8	3.47	5	1.2	19.0	13.1	88	39	0.76	1527	1582
30-Sep-90	20.3	0.6	0.0	2.3	3.54	223	3.3	17.7	11.3	89	43	0.89	1527	1587
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	24.7	11.1	30.5	158.7	4.30	199	2.7	24.3	16.7	M	M	M	242	256

LAMBERTON

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Oct-90	21.3	3.5	0.0	3.8	4.33	290	2.3	19.1	12.0	85	15	0.57	1530	1593
02-Oct-90	27.0	10.1	0.0	3.8	3.31	192	6.8	19.4	13.6	84	29	1.12	1538	1602
03-Oct-90	18.1	7.7	30.5	8.6	3.02	291	4.7	18.5	11.5	88	34	1.00	1541	1606
04-Oct-90	21.0	5.8	1.3	5.1	4.51	269	4.5	15.6	9.2	75	24	0.77	1545	1611
05-Oct-90	27.0	11.6	0.0	3.8	3.74	229	4.6	19.4	11.9	74	30	1.09	1554	1620
06-Oct-90	21.1	3.8	0.0	7.6	2.40	350	5.6	16.1	11.4	74	45	0.75	1556	1626
07-Oct-90	11.3	1.1	0.0	2.3	3.62	9	3.5	15.5	8.8	86	37	0.55	1556	1627
08-Oct-90	7.9	2.9	0.0	3.8	1.56	38	1.2	12.8	9.8	86	59	0.61	1556	1627
09-Oct-90	12.9	-2.8	0.0	M	4.43	304	1.3	16.1	6.3	89	28	0.50	1556	1628
10-Oct-90	13.2	-4.2	0.0	M	4.35	194	1.6	15.5	5.6	86	22	0.41	1556	1630
11-Oct-90	14.4	4.1	0.0	M	3.98	296	4.5	15.9	8.2	85	44	0.66	1556	1632
12-Oct-90	15.0	-2.7	1.0	M	4.27	216	3.0	15.0	6.4	89	35	0.58	1556	1634
13-Oct-90	16.2	7.5	0.0	M	3.11	215	4.5	15.3	9.6	73	42	0.67	1558	1637
14-Oct-90	15.3	2.0	0.0	M	3.47	284	4.1	14.6	8.6	88	26	0.64	1558	1640
15-Oct-90	14.6	0.4	0.0	M	2.11	226	2.8	13.3	7.5	83	35	0.57	1558	1642
16-Oct-90	16.0	-2.8	0.0	M	2.05	101	2.7	12.6	6.0	90	44	0.79	1558	1645
17-Oct-90	11.4	-0.2	0.0	M	0.30	343	6.4	11.6	5.7	91	87	0.83	1558	1646
18-Oct-90	5.2	-3.5	2.5	M	4.00	327	4.4	9.1	3.7	88	59	0.48	1558	1646
19-Oct-90	15.1	-3.1	0.0	M	2.87	164	4.4	9.8	3.8	89	31	0.55	1558	1649
20-Oct-90	6.9	3.7	0.8	M	0.56	332	4.0	8.0	6.2	91	63	0.74	1558	1649
21-Oct-90	8.4	-0.9	14.0	M	3.80	304	3.4	9.6	3.8	83	39	0.49	1558	1649
22-Oct-90	12.8	1.7	0.0	M	2.37	220	4.9	9.1	3.8	87	48	0.70	1558	1650
23-Oct-90	15.6	3.3	0.0	M	3.43	313	3.5	11.3	6.3	82	43	0.67	1558	1653
24-Oct-90	11.3	-2.4	0.0	M	3.64	323	2.8	10.8	4.7	81	32	0.48	1558	1653
25-Oct-90	14.9	-5.8	0.0	M	3.52	201	3.9	10.0	3.1	89	29	0.48	1558	1656
26-Oct-90	22.0	4.6	0.0	M	3.53	218	5.6	13.6	6.2	73	30	0.75	1562	1662
27-Oct-90	14.9	0.2	0.0	M	3.31	322	5.7	11.9	7.2	58	22	0.47	1562	1664
28-Oct-90	14.4	-5.3	0.0	M	3.37	195	3.3	10.9	4.1	82	26	0.42	1562	1666
29-Oct-90	19.4	3.0	0.0	M	3.25	231	1.8	13.9	6.5	73	26	0.60	1563	1671
30-Oct-90	19.3	0.6	0.0	M	3.22	48	2.3	13.3	6.4	86	27	0.62	1563	1676
31-Oct-90	24.4	0.6	0.0	M	3.09	203	4.4	14.1	6.6	91	33	0.91	1565	1683
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	15.7	1.4	50.0	M	3.18	234	3.8	13.6	7.2	83	37	0.66	38	96

MORRIS

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 4.44	GDD 1030
01-Apr-90	6.2	-2.0	0.0	M	4.99	339	9.4	5.6	2.3	69	M	M	0	0
02-Apr-90	6.4	-3.3	0.0	M	4.99	351	3.1	4.3	1.1	M	M	M	0	0
03-Apr-90	15.2	-4.2	0.0	M	5.02	149	7.1	5.0	1.1	93	M	M	1	3
04-Apr-90	11.3	-3.2	0.0	M	5.36	334	6.4	7.2	1.9	M	M	M	1	3
05-Apr-90	1.8	-7.9	0.0	M	6.00	334	9.9	3.6	1.2	M	M	M	1	3
06-Apr-90	0.4	-9.5	0.0	M	5.94	343	6.8	1.2	1.0	51	M	M	1	3
07-Apr-90	13.2	-8.9	0.0	M	6.48	248	3.7	1.3	1.0	75	M	M	1	5
08-Apr-90	15.1	-3.1	0.0	M	5.35	105	5.0	5.8	1.1	97	M	M	3	7
09-Apr-90	8.4	1.1	0.0	M	3.83	27	7.6	6.4	2.8	98	M	M	3	7
10-Apr-90	3.7	-5.1	0.0	M	5.19	339	7.8	5.5	2.1	M	M	M	3	7
11-Apr-90	2.6	-5.7	0.3	M	3.80	327	7.1	2.7	1.2	M	M	M	3	7
12-Apr-90	11.8	-7.9	0.0	M	6.82	270	3.5	6.7	1.1	45	M	M	3	8
13-Apr-90	15.8	-4.8	0.0	M	6.01	198	2.3	9.6	1.9	88	M	M	4	11
14-Apr-90	19.9	-3.2	0.0	M	4.36	305	5.7	8.5	3.1	99	M	M	8	16
15-Apr-90	16.5	-5.9	2.0	M	6.53	285	4.9	9.4	2.6	89	M	M	9	19
16-Apr-90	6.9	-4.5	1.8	0.0	5.56	347	6.2	7.9	3.5	100	47	0.48	9	19
17-Apr-90	10.9	-6.5	0.0	9.4	7.06	269	2.3	8.3	1.9	86	M	M	9	20
18-Apr-90	17.0	-2.6	0.0	10.9	6.36	177	8.0	9.4	2.7	72	20	0.41	12	23
19-Apr-90	21.4	4.3	0.0	5.6	6.58	173	6.8	13.8	6.0	75	40	0.81	20	29
20-Apr-90	24.0	4.6	0.0	8.9	7.09	36	2.9	16.4	8.6	98	M	M	30	36
21-Apr-90	28.7	6.5	0.0	9.1	6.97	169	3.6	17.9	9.5	M	M	M	43	45
22-Apr-90	30.7	11.1	2.8	13.2	6.41	156	8.3	18.6	12.6	81	M	M	59	56
23-Apr-90	28.7	15.3	8.4	5.1	3.86	138	6.8	18.4	14.9	95	M	M	77	68
24-Apr-90	26.5	16.6	0.8	7.9	4.44	141	5.6	18.9	14.9	98	M	M	94	80
25-Apr-90	27.2	15.3	0.8	7.1	4.42	189	7.0	19.5	14.9	M	M	M	111	91
26-Apr-90	21.0	7.2	0.3	3.8	3.02	331	6.3	17.9	14.1	97	M	M	121	96
27-Apr-90	8.5	4.6	19.0	2.8	1.37	344	7.1	14.1	9.0	M	M	M	123	96
28-Apr-90	4.9	0.7	7.4	0.0	2.49	310	5.5	9.0	6.2	100	M	M	123	96
29-Apr-90	2.5	-5.5	4.3	2.8	4.68	349	3.2	6.3	3.7	92	M	M	123	96
30-Apr-90	4.2	-3.5	0.0	2.8	6.05	253	3.7	4.6	3.2	100	M	M	123	96
MEAN	13.7	-0.3	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
			47.8	M	5.24	245	5.8	9.5	5.0	M	M	M	123	96
01-May-90	6.8	-1.6	0.3	2.8	4.84	283	3.6	7.0	2.8	95	M	M	123	96
02-May-90	18.6	-1.2	0.0	4.1	6.91	150	5.2	11.8	3.2	98	M	M	127	101
03-May-90	22.5	2.7	0.0	4.1	5.76	103	3.5	15.1	6.4	91	M	M	135	107
04-May-90	20.6	5.4	0.0	4.6	7.14	330	3.4	16.8	9.4	97	M	M	144	112
05-May-90	18.8	4.9	0.0	10.7	6.99	336	2.6	17.0	11.1	91	M	M	151	117
06-May-90	24.8	-0.3	0.0	7.9	7.82	188	0.6	19.0	9.9	86	M	M	159	124
07-May-90	31.9	10.4	1.5	10.7	7.22	163	0.9	20.8	13.4	78	M	M	176	134
08-May-90	20.9	10.6	0.0	11.4	6.73	312	1.2	19.6	15.1	96	M	M	187	140
09-May-90	11.6	2.9	0.0	5.3	4.86	349	1.6	16.5	12.8	68	M	M	190	141
10-May-90	15.6	-1.8	0.0	6.3	7.67	328	1.5	15.8	9.8	47	M	M	192	143
11-May-90	19.2	1.5	0.0	5.8	5.42	203	0.5	16.4	10.5	75	M	M	198	148
12-May-90	22.2	3.2	0.0	5.8	6.52	230	0.7	19.7	11.6	76	M	M	206	154
13-May-90	19.0	5.8	4.3	3.3	3.94	164	2.2	17.0	13.8	96	M	M	214	159
14-May-90	19.7	12.4	0.0	3.3	3.41	22	2.9	17.0	14.0	98	M	M	226	165
15-May-90	13.0	11.6	8.4	1.3	0.09	78	3.8	13.9	12.6	M	M	M	234	167
16-May-90	16.4	7.3	0.8	4.6	2.60	278	5.7	13.5	11.4	82	M	M	241	170
17-May-90	14.5	3.6	0.0	7.9	5.46	312	7.5	13.8	9.5	96	M	M	246	172
18-May-90	13.0	1.9	6.1	0.0	3.83	47	3.4	12.6	8.5	100	M	M	249	174
19-May-90	11.2	7.4	7.6	1.5	2.62	77	7.2	11.3	9.9	94	M	M	254	175
20-May-90	18.4	6.7	0.0	7.6	6.56	90	2.7	16.8	9.0	95	M	M	262	179
21-May-90	17.0	10.9	0.0	3.3	3.18	157	3.2	15.7	12.2	96	M	M	271	183
22-May-90	26.3	9.4	5.1	6.3	6.24	169	4.5	19.7	12.0	M	M	M	285	191
23-May-90	21.6	12.2	0.0	4.3	5.55	108	3.1	18.9	12.7	96	M	M	297	198
24-May-90	23.8	12.2	0.0	9.9	7.09	100	5.7	20.9	14.3	95	M	M	311	206
25-May-90	19.2	13.2	7.6	1.0	1.18	87	5.6	18.5	14.9	98	M	M	322	212
26-May-90	22.3	14.0	0.0	5.1	3.41	76	2.7	18.5	14.3	96	M	M	336	220
27-May-90	23.0	11.7	0.0	3.3	7.73	18	2.2	22.9	14.2	95	M	M	349	227
28-May-90	27.3	11.2	0.0	11.2	7.65	23	2.7	25.1	15.9	86	M	M	364	237
29-May-90	23.6	9.9	0.0	8.9	8.20	98	4.7	24.0	17.4	83	42	1.12	376	243
30-May-90	26.0	7.9	0.0	9.7	8.12	120	4.4	24.3	17.1	53	31	0.89	389	251
31-May-90	24.2	9.7	0.0	9.1	5.09	163	5.3	21.9	17.9	75	40	1.11	401	259
MEAN	19.8	7.0	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
			41.7	181.1	5.48	166	3.4	17.5	11.9	87	M	M	278	163

MORRIS

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 4.44	GDD 1030
01-Jun-90	29.2	15.7	3.8	10.2	5.95	161	6.4	24.1	18.7	95	48	2.02	419	271
02-Jun-90	22.4	5.6	7.6	3.8	3.36	290	7.2	22.4	15.9	99	57	1.62	429	277
03-Jun-90	12.0	4.3	0.5	3.0	3.90	317	8.1	15.9	12.2	M	75	0.92	432	278
04-Jun-90	19.2	4.3	9.7	8.9	8.04	150	3.7	19.4	10.5	100	47	1.12	440	283
05-Jun-90	22.3	11.9	0.0	8.4	7.88	261	5.7	19.8	14.6	96	34	1.29	452	290
06-Jun-90	23.3	10.5	0.0	6.9	7.93	276	3.7	22.7	14.5	92	35	1.18	465	297
07-Jun-90	19.8	8.7	1.3	1.8	2.44	130	3.1	19.0	15.9	98	62	1.49	475	302
08-Jun-90	23.8	12.9	0.0	9.9	7.52	278	5.8	21.7	15.1	97	14	1.34	489	310
09-Jun-90	27.8	10.4	0.0	7.1	7.58	285	2.5	25.0	16.1	96	38	1.43	503	319
10-Jun-90	32.7	13.6	13.2	16.3	7.10	153	4.4	26.7	19.0	88	31	1.51	522	331
11-Jun-90	26.8	17.8	1.5	3.8	4.08	137	8.1	23.6	20.4	94	M	M	540	343
12-Jun-90	29.7	18.4	1.3	6.9	7.67	269	2.1	28.3	20.2	95	M	M	559	357
13-Jun-90	26.8	14.0	0.0	8.1	7.72	239	3.8	27.7	21.2	95	M	M	575	368
14-Jun-90	23.3	10.3	2.0	4.6	4.64	351	2.1	24.4	19.6	96	51	1.42	588	374
15-Jun-90	18.1	14.5	40.1	2.0	1.26	77	4.3	21.6	17.3	96	83	1.65	600	381
16-Jun-90	21.4	17.1	5.1	4.8	4.56	72	4.4	21.4	16.6	M	M	M	614	390
17-Jun-90	31.2	17.7	0.0	10.4	5.22	270	4.0	21.4	18.1	94	M	M	635	404
18-Jun-90	30.2	16.8	12.7	12.4	8.47	320	1.7	29.4	17.6	96	M	M	654	417
19-Jun-90	24.5	17.9	0.0	11.9	6.45	205	4.5	24.9	21.4	96	M	M	670	429
20-Jun-90	24.1	14.2	2.3	9.1	7.45	286	4.9	25.0	19.2	100	M	M	685	438
21-Jun-90	23.5	13.7	0.3	8.1	6.02	314	2.4	25.5	18.3	100	58	1.62	699	446
22-Jun-90	23.2	12.6	0.0	4.1	7.15	327	3.4	25.4	18.6	94	61	1.64	713	454
23-Jun-90	24.5	13.8	0.0	9.7	7.85	306	2.2	28.1	19.0	97	M	M	727	463
24-Jun-90	29.9	11.5	0.0	8.9	7.24	108	1.5	29.3	20.4	96	42	1.76	744	474
25-Jun-90	32.8	16.4	13.2	8.9	6.79	188	1.9	31.8	22.8	93	53	2.32	764	487
26-Jun-90	32.0	18.7	0.5	13.0	8.31	9	1.2	31.1	21.7	97	M	M	785	502
27-Jun-90	25.5	18.5	7.1	3.6	1.90	109	4.3	26.8	22.4	94	79	2.26	802	513
28-Jun-90	30.2	22.2	8.9	14.7	6.36	145	3.0	27.5	21.6	98	M	M	824	530
29-Jun-90	* 28.3	21.7	0.0	3.0	5.48	300	1.7	28.6	22.3	M	M	M	845	545
30-Jun-90	28.3	18.0	0.0	10.2	8.47	343	2.0	31.8	23.0	96	M	M	863	558
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	25.6	14.1	131.1	234.4	6.16	222	3.8	25.0	18.5	96	29	0.89	462	299
01-Jul-90	29.4	17.0	0.0	12.4	5.52	131	2.7	29.2	23.7	95	66	2.39	882	571
02-Jul-90	31.8	21.6	0.0	6.3	6.39	137	4.0	30.8	24.2	95	66	2.84	904	587
03-Jul-90	35.1	21.2	0.0	7.6	7.93	204	4.8	33.6	25.7	92	M	M	928	602
04-Jul-90	29.1	15.5	0.0	12.2	6.60	304	2.5	31.8	25.6	96	M	M	946	615
05-Jul-90	24.1	12.6	0.0	6.3	8.05	346	2.2	30.9	23.8	100	M	M	960	623
06-Jul-90	27.4	13.3	1.3	8.1	7.65	133	5.0	29.7	23.6	99	55	1.91	976	633
07-Jul-90	29.4	20.8	0.0	3.0	6.24	127	5.6	29.9	24.7	93	M	M	996	648
08-Jul-90	26.4	15.6	0.0	13.0	7.71	311	3.5	31.2	25.4	95	M	M	1013	659
09-Jul-90	28.9	15.0	0.0	6.3	7.81	343	0.9	32.6	24.0	100	41	1.85	1030	671
10-Jul-90	28.0	18.7	7.1	4.8	4.57	80	1.4	29.8	25.7	97	57	2.17	1049	685
11-Jul-90	26.9	16.9	2.0	7.1	3.10	21	2.3	26.7	22.1	97	88	2.26	1067	697
12-Jul-90	23.0	11.1	0.0	7.9	7.79	47	2.5	27.1	19.7	96	53	1.52	1079	704
13-Jul-90	26.6	10.2	0.0	5.3	8.10	101	0.8	29.7	19.4	100	41	1.48	1093	712
14-Jul-90	28.0	8.5	0.0	11.9	8.06	151	1.2	30.4	21.0	99	32	1.40	1107	721
15-Jul-90	30.5	9.8	0.0	8.1	7.37	213	1.4	30.8	22.1	96	35	1.57	1123	731
16-Jul-90	30.0	12.7	0.8	7.6	8.08	157	2.1	32.3	23.6	95	35	1.61	1140	742
17-Jul-90	33.1	17.8	0.0	9.7	7.62	296	3.5	31.9	25.4	96	45	2.28	1161	756
18-Jul-90	29.5	12.5	15.5	9.4	5.35	156	2.1	30.3	24.4	97	46	1.94	1177	767
19-Jul-90	25.6	15.1	0.0	4.8	5.83	17	1.8	26.8	22.4	97	61	2.15	1193	778
20-Jul-90	25.8	13.6	0.0	4.3	4.68	317	1.5	25.8	20.2	99	55	1.82	1208	787
21-Jul-90	22.4	14.2	0.0	11.7	4.00	317	1.8	24.8	20.1	100	55	1.65	1222	796
22-Jul-90	24.6	11.6	1.5	6.6	5.90	307	1.8	26.8	19.5	98	50	1.57	1236	804
23-Jul-90	28.4	11.5	0.0	7.6	7.02	171	1.0	28.8	19.0	98	M	M	1252	814
24-Jul-90	27.9	13.9	0.0	7.1	6.99	138	2.9	29.0	21.3	98	55	1.99	1268	825
25-Jul-90	29.0	20.2	1.5	2.8	2.11	123	3.5	25.6	22.7	96	M	M	1288	839
26-Jul-90	* 24.4	21.7	0.0	3.8	2.20	121	3.7	23.9	22.0	98	M	M	1307	852
27-Jul-90	* 27.8	25.9	1.0	7.6	2.79	130	2.7	26.6	22.4	M	M	M	1329	869
28-Jul-90	* 31.7	19.9	0.0	5.3	6.13	161	1.6	30.4	22.2	M	M	M	1350	884
29-Jul-90	27.7	14.0	0.0	11.9	5.11	339	2.8	28.1	23.8	97	M	M	1367	895
30-Jul-90	25.1	10.2	0.0	5.8	7.09	338	2.1	28.5	21.3	97	M	M	1380	902
31-Jul-90	26.7	8.1	0.0	8.1	7.70	165	1.9	29.5	20.9	99	M	M	1393	911
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	27.9	15.2	30.7	235.0	6.18	190	2.5	29.2	22.6	97	M	M	530	353

MORRIS

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 4.44	GDD 1030
01-Aug-90	29.3	14.9	0.0	11.2	7.30	162	4.8	29.1	22.6	96	M	M	1411	923
02-Aug-90	* 28.8	16.9	0.0	6.6	6.23	159	3.9	29.3	M	M	M	M	1429	936
03-Aug-90	33.7	19.8	0.0	5.8	6.62	109	1.8	31.6	24.3	100	M	M	1451	951
04-Aug-90	24.2	13.2	0.0	10.2	6.85	338	3.6	28.8	24.4	95	43	1.45	1466	959
05-Aug-90	25.4	8.5	0.0	9.1	7.55	354	1.9	29.4	21.8	96	38	1.22	1478	967
06-Aug-90	28.6	8.8	0.0	6.6	7.40	194	1.9	30.0	21.9	95	33	1.32	1492	976
07-Aug-90	28.5	11.6	0.0	9.7	7.28	161	3.5	29.3	22.7	95	40	1.54	1508	986
08-Aug-90	29.7	13.5	0.0	8.9	7.31	164	3.8	29.7	23.1	94	38	1.64	1525	998
09-Aug-90	30.8	16.5	0.5	8.6	5.36	297	2.2	29.7	23.9	95	37	1.86	1544	1011
10-Aug-90	28.1	12.1	0.0	6.3	5.74	17	2.2	28.9	23.1	95	45	1.58	1560	1021
11-Aug-90	25.1	6.7	1.0	8.4	6.63	66	2.2	29.1	21.3	97	40	1.23	1572	1029
12-Aug-90	19.2	12.4	0.0	2.0	2.52	85	2.2	25.4	21.8	97	71	1.61	1583	1035
13-Aug-90	26.4	10.0	0.0	10.4	5.99	177	2.1	26.4	19.4	100	M	M	1597	1043
14-Aug-90	29.5	14.4	0.0	8.6	6.15	335	2.5	28.7	21.7	96	42	1.81	1614	1055
15-Aug-90	28.7	11.3	0.0	6.9	6.89	104	1.9	29.5	21.6	95	35	1.41	1630	1065
16-Aug-90	32.7	15.3	0.0	7.4	6.35	159	3.3	30.2	23.2	93	50	2.26	1649	1078
17-Aug-90	29.4	22.0	5.6	2.0	2.93	113	3.4	28.6	25.4	94	62	3.60	1671	1093
18-Aug-90	30.0	14.9	1.3	5.1	3.15	67	4.5	26.7	22.8	94	84	2.57	1689	1106
19-Aug-90	19.3	14.2	9.9	4.1	0.61	65	4.1	22.9	18.4	M	87	1.75	1701	1112
20-Aug-90	21.7	16.8	2.8	1.8	1.44	60	2.4	19.5	17.5	97	85	2.08	1716	1122
21-Aug-90	28.1	19.1	0.0	4.6	2.44	127	1.4	22.2	18.4	97	81	2.49	1735	1135
22-Aug-90	* 26.1	21.6	2.5	5.6	3.98	139	4.1	23.2	18.7	96	77	2.92	1754	1149
23-Aug-90	* 26.1	22.2	2.0	1.3	1.94	147	3.2	23.2	20.9	95	86	3.64	1774	1163
24-Aug-90	* 25.0	19.4	4.8	6.3	3.42	131	2.7	24.7	21.3	M	74	M	1792	1176
25-Aug-90	* 26.7	19.4	10.4	9.7	5.38	128	3.3	26.9	20.4	95	73	3.16	1810	1189
26-Aug-90	28.7	19.2	0.8	6.3	5.80	87	3.1	26.7	20.9	95	68	2.50	1830	1203
27-Aug-90	30.6	23.7	0.0	3.6	3.98	354	1.7	28.6	23.0	M	40	5.72	1853	1219
28-Aug-90	32.7	15.5	0.0	8.9	5.54	286	1.8	29.7	22.2	94	55	2.64	1872	1232
29-Aug-90	29.6	15.1	0.0	6.9	6.36	171	1.7	29.3	20.5	97	30	1.71	1890	1245
30-Aug-90	31.1	15.8	0.0	7.6	6.20	143	2.9	30.2	M	96	53	2.30	1909	1257
31-Aug-90	32.7	18.1	0.0	7.9	1.77	290	M	31.3	M	73	27	1.44	1930	1272
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	28.0	15.6	41.7	208.3	5.07	167	2.8	27.7	21.7	95	55	M	537	328
01-Sep-90	30.8	13.4	0.0	8.4	6.22	38	M	31.0	22.5	95	27	1.49	1948	1283
02-Sep-90	28.9	15.2	10.4	14.2	5.29	235	M	28.7	22.8	92	45	1.91	1966	1295
03-Sep-90	29.2	20.6	0.8	6.1	3.26	276	M	25.7	M	94	78	2.73	1986	1310
04-Sep-90	28.0	17.7	0.3	4.6	2.95	19	M	M	M	96	67	2.44	2004	1323
05-Sep-90	33.6	18.4	2.0	6.6	4.96	343	M	M	M	96	72	2.86	2026	1337
06-Sep-90	28.9	20.4	21.1	2.8	3.26	337	M	M	M	95	67	M	2046	1352
07-Sep-90	25.7	13.2	0.0	9.1	5.43	175	M	M	M	97	57	1.88	2061	1361
08-Sep-90	26.7	17.7	0.0	4.8	4.92	328	M	M	M	97	59	2.93	2079	1374
09-Sep-90	26.6	16.4	0.0	7.1	5.60	43	M	M	M	95	62	2.08	2096	1385
10-Sep-90	24.6	14.2	0.0	6.3	5.30	168	M	M	M	96	49	1.61	2111	1395
11-Sep-90	33.0	15.4	0.0	13.5	5.61	6	M	M	M	95	37	2.00	2131	1407
12-Sep-90	31.3	18.0	0.0	9.7	5.52	234	M	M	M	93	48	2.17	2151	1421
13-Sep-90	33.0	14.2	4.6	14.2	2.26	360	6.9	28.4	23.8	94	39	1.77	2170	1433
14-Sep-90	20.6	10.8	0.0	5.1	1.98	328	2.4	23.6	19.7	94	51	1.25	2181	1439
15-Sep-90	21.6	7.7	0.0	7.4	5.39	334	3.6	23.1	16.8	98	41	1.15	2192	1445
16-Sep-90	17.4	3.9	0.0	3.0	5.47	69	2.2	22.9	14.9	99	57	1.01	2198	1449
17-Sep-90	19.5	7.5	0.5	4.6	4.38	142	4.8	20.5	15.4	98	58	1.22	2207	1453
18-Sep-90	21.3	12.0	11.2	1.0	0.56	140	2.7	17.8	16.1	97	85	1.86	2219	1460
19-Sep-90	26.0	9.8	0.0	4.6	5.32	304	1.5	19.7	13.0	99	38	1.37	2233	1468
20-Sep-90	* 18.9	5.0	3.8	6.3	0.63	M	M	M	M	M	M	M	2240	1472
21-Sep-90	* 16.7	7.2	0.0	6.6	3.95	M	M	M	M	M	M	M	2248	1476
22-Sep-90	* 8.9	4.4	0.0	3.0	1.37	M	M	M	M	M	M	M	2250	1476
23-Sep-90	16.3	5.6	0.0	4.1	1.46	237	2.6	16.3	12.2	88	43	0.78	2256	1479
24-Sep-90	30.0	1.6	0.0	6.3	5.21	234	3.1	19.9	9.5	97	18	0.97	2268	1489
25-Sep-90	29.7	9.6	0.0	9.1	5.01	302	2.6	21.8	13.5	94	23	1.10	2283	1499
26-Sep-90	30.2	8.7	0.0	12.4	4.41	156	3.2	22.1	14.5	96	27	1.22	2298	1509
27-Sep-90	20.1	8.2	0.0	6.1	2.90	347	2.8	19.8	15.8	86	39	0.99	2307	1514
28-Sep-90	16.6	5.2	0.0	2.5	3.73	5	2.1	18.6	13.2	98	45	0.90	2314	1517
29-Sep-90	15.9	1.5	0.0	3.0	3.26	5	1.4	18.0	13.3	97	48	0.87	2318	1520
30-Sep-90	19.8	2.4	0.0	4.8	3.82	188	3.3	17.9	11.1	99	50	1.05	2325	1525
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	24.3	10.9	54.6	197.6	3.98	198	M	M	M	95	49	1.60	395	253

## MORRIS

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 4.44	GDD 1030
01-Oct-90	20.5	3.5	0.0	5.1	4.42	290	2.4	18.4	11.8	92	22	0.67	2332	1530
02-Oct-90	27.5	7.8	21.3	8.1	3.43	152	7.0	19.5	13.3	96	44	1.34	2346	1539
03-Oct-90	16.4	5.1	0.8	4.3	3.06	278	4.4	17.8	11.8	96	45	1.10	2352	1542
04-Oct-90	17.5	4.5	0.0	4.1	3.96	264	4.6	13.9	9.4	93	40	0.85	2359	1546
05-Oct-90	27.6	6.5	0.0	6.9	4.05	183	2.4	18.8	10.3	94	38	1.25	2371	1555
06-Oct-90	15.7	2.5	0.0	2.3	2.24	324	4.6	15.7	10.6	94	61	0.77	2376	1558
07-Oct-90	10.0	0.2	0.0	6.6	3.74	316	1.7	14.3	8.3	93	45	0.59	2376	1558
08-Oct-90	10.7	-2.4	0.0	0.8	3.11	23	1.0	14.0	9.1	89	37	0.55	2376	1558
09-Oct-90	13.0	-4.6	0.0	3.3	4.37	159	1.4	14.1	6.0	100	31	0.50	2376	1559
10-Oct-90	12.1	-2.1	0.0	4.6	4.14	148	3.5	12.8	6.3	89	39	0.52	2377	1560
11-Oct-90	10.0	0.8	0.0	1.8	1.46	313	2.9	10.6	8.0	96	59	0.68	2378	1560
12-Oct-90	15.0	-4.6	0.0	3.3	3.97	173	3.0	12.7	5.2	100	44	0.66	2379	1563
13-Oct-90	17.9	6.5	0.0	4.3	3.47	180	4.2	15.2	9.4	71	34	0.68	2387	1567
14-Oct-90	15.5	2.0	0.0	6.9	3.73	269	4.4	14.2	9.6	95	33	0.71	2391	1570
15-Oct-90	15.3	-1.4	0.0	0.0	3.58	213	3.1	13.5	7.4	95	40	0.63	2393	1572
16-Oct-90	12.1	0.1	8.9	M	1.26	85	3.4	10.7	7.7	96	65	0.82	2395	1573
17-Oct-90	10.2	-1.1	6.3	M	0.33	340	6.7	10.2	5.3	99	95	0.88	2395	1573
18-Oct-90	3.2	-3.4	0.0	M	3.80	298	4.0	6.8	3.9	99	85	0.56	2395	1573
19-Oct-90	11.4	-0.5	0.0	M	1.53	122	7.3	7.1	4.0	98	66	0.71	2396	1574
20-Oct-90	7.8	0.8	3.3	M	0.75	288	3.5	7.5	5.8	99	82	0.81	2396	1574
21-Oct-90	7.7	-2.3	0.0	M	3.56	250	3.2	7.6	4.0	95	53	0.56	2396	1574
22-Oct-90	10.7	0.7	0.0	M	1.59	161	3.3	7.7	4.1	97	71	0.76	2397	1575
23-Oct-90	10.7	-1.1	0.0	M	3.01	306	3.0	7.7	4.4	100	54	0.67	2398	1575
24-Oct-90	9.8	-3.2	0.0	M	3.58	321	2.4	7.4	3.6	92	49	0.52	2398	1575
25-Oct-90	14.7	-4.0	0.0	M	3.43	151	4.6	7.4	3.2	94	43	0.60	2399	1577
26-Oct-90	23.6	2.5	0.0	M	3.36	166	4.0	11.2	5.2	96	38	0.89	2407	1584
27-Oct-90	13.7	-0.6	0.0	M	3.30	304	6.7	9.9	6.8	71	31	0.53	2409	1586
28-Oct-90	13.2	-6.2	0.0	M	3.14	143	4.9	8.1	4.2	94	37	0.50	2409	1587
29-Oct-90	17.9	2.9	0.0	M	3.12	89	1.6	10.7	5.5	83	39	0.73	2415	1591
30-Oct-90	18.9	-0.1	0.0	M	3.18	83	1.8	11.4	6.3	97	36	0.72	2420	1596
31-Oct-90	23.8	2.5	0.0	M	2.95	147	4.9	12.1	7.1	90	42	0.99	2429	1603
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	14.6	0.4	40.6	M	3.05	211	3.7	11.9	7.0	93	48	0.73	104	78



## ROSEMOUNT

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Apr-90	* 15.0	-0.2	8.1	M	1.31	309	5.6	5.1	1.4	100	80	1.36	0	3
02-Apr-90	3.5	-4.1	0.0	M	5.81	2	6.2	5.6	0.3	87	69	0.44	0	3
03-Apr-90	11.6	-5.7	0.0	M	6.19	134	2.1	7.5	0.1	98	41	0.54	0	3
04-Apr-90	12.8	0.0	0.0	M	5.55	328	6.0	7.6	0.9	89	32	0.57	0	5
05-Apr-90	2.7	-4.8	0.0	M	5.68	306	6.3	4.7	0.5	80	28	0.30	0	5
06-Apr-90	0.0	-9.1	0.0	M	6.61	308	4.8	0.6	-0.2	67	38	0.22	0	5
07-Apr-90	9.0	-8.8	0.0	M	6.75	258	2.5	3.3	-0.2	87	22	0.28	0	5
08-Apr-90	16.5	-5.4	0.0	M	6.39	105	2.1	8.5	-0.1	96	18	0.46	0	8
09-Apr-90	15.3	0.6	0.0	M	2.31	356	5.6	8.6	3.1	99	61	0.96	0	11
10-Apr-90	8.6	-2.9	0.3	M	1.49	316	6.8	6.8	1.7	45	36	0.31	0	11
11-Apr-90	2.1	-5.8	0.0	M	4.86	307	4.5	3.6	0.1	79	36	0.25	0	11
12-Apr-90	10.5	-6.8	0.0	M	6.75	258	2.6	8.2	0.0	73	26	0.33	0	11
13-Apr-90	12.7	-3.9	0.0	M	5.08	212	2.7	8.8	0.5	90	36	0.49	0	12
14-Apr-90	20.1	-0.3	0.0	M	6.19	255	4.4	12.0	1.1	100	16	0.68	0	17
15-Apr-90	11.2	-1.6	2.8	M	6.88	276	3.5	10.3	2.0	83	29	0.46	0	18
16-Apr-90	9.4	-1.7	6.1	M	3.60	317	5.0	5.2	1.6	100	42	0.53	0	18
17-Apr-90	8.1	-4.1	0.0	M	7.25	305	3.6	6.2	0.2	70	22	0.26	0	18
18-Apr-90	15.6	-4.2	0.0	M	7.21	175	5.2	8.9	0.3	81	21	0.39	0	21
19-Apr-90	19.8	8.1	0.0	M	1.36	172	5.9	7.0	4.7	100	34	0.89	4	26
20-Apr-90	* 25.6	5.0	0.0	M	6.31	93	1.4	17.1	4.6	M	41	M	9	33
21-Apr-90	* 27.2	6.7	0.0	M	5.96	157	3.6	17.2	7.5	M	32	M	16	42
22-Apr-90	27.5	11.4	0.0	M	6.73	155	5.2	18.9	9.9	95	30	1.22	26	51
23-Apr-90	* 30.6	15.7	1.5	M	4.25	145	6.7	18.3	12.9	97	28	2.93	39	64
24-Apr-90	* 25.6	14.4	35.1	M	4.49	M	M	M	M	M	M	M	49	74
25-Apr-90	28.2	17.5	0.0	M	5.84	181	6.9	20.2	14.1	90	43	1.91	62	87
26-Apr-90	* 29.4	18.0	3.8	M	3.33	176	5.3	17.8	15.1	97	65	2.27	75	101
27-Apr-90	* 22.8	11.7	14.7	M	1.13	17	3.2	15.6	13.8	M	M	M	83	108
28-Apr-90	* 15.6	-3.3	16.5	M	2.04	249	4.7	13.8	7.9	M	82	M	83	111
29-Apr-90	15.7	0.9	6.9	M	0.86	344	3.3	8.8	4.9	99	88	0.93	83	114
30-Apr-90	10.2	1.1	0.0	M	4.17	259	6.7	9.9	4.4	65	50	0.53	83	114
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	15.4	1.3	95.8	M	4.75	223	4.6	9.9	3.9	M	41	M	83	114
01-May-90	9.1	-0.2	0.0	M	5.95	273	4.5	10.3	3.0	92	46	0.53	83	114
02-May-90	17.2	-1.8	0.0	M	7.43	139	1.7	15.1	2.7	100	30	0.62	83	117
03-May-90	20.3	2.8	0.0	M	7.22	103	2.3	19.3	5.6	95	25	0.68	84	122
04-May-90	21.0	5.8	0.0	M	6.97	100	1.5	20.9	8.8	89	18	0.70	88	128
05-May-90	19.8	8.6	0.0	M	6.18	349	3.3	20.3	10.9	79	22	0.71	92	133
06-May-90	22.4	2.7	0.0	M	7.91	246	2.7	22.1	8.7	70	15	0.52	94	139
07-May-90	32.9	12.2	0.0	M	7.43	201	7.3	23.7	12.9	48	11	0.77	107	150
08-May-90	* 20.6	10.6	0.0	M	6.86	M	M	M	M	M	M	M	112	156
09-May-90	* 12.8	4.4	23.4	M	1.64	M	M	M	M	M	M	M	112	157
10-May-90	13.3	3.1	2.5	M	6.48	318	5.1	14.3	7.3	95	23	0.58	112	159
11-May-90	19.8	-0.2	0.0	M	6.99	203	3.1	16.7	5.2	96	21	0.65	112	164
12-May-90	* 17.2	6.7	2.5	M	4.44	M	M	M	M	M	M	M	114	167
13-May-90	19.9	6.3	0.0	M	5.50	170	3.6	17.6	8.4	100	41	1.16	117	172
14-May-90	* 18.3	11.7	25.4	M	1.61	M	M	M	M	M	M	M	122	177
15-May-90	* 13.3	10.0	0.3	M	2.45	M	M	M	M	M	M	M	124	179
16-May-90	* 15.6	8.9	20.6	M	2.55	M	M	M	M	M	M	M	126	182
17-May-90	* 18.9	6.1	1.5	M	2.65	M	M	M	M	M	M	M	129	186
18-May-90	20.8	4.3	0.0	M	6.89	341	3.0	17.1	5.8	96	14	0.80	131	192
19-May-90	* 10.0	6.7	29.0	M	1.15	M	M	M	M	M	M	M	131	192
20-May-90	* 13.9	7.1	2.3	M	4.87	47	3.3	15.1	7.5	100	70	1.38	132	193
21-May-90	* 17.8	6.7	0.0	M	5.09	M	M	M	M	M	M	M	134	197
22-May-90	22.7	7.6	0.0	M	6.66	178	2.8	20.1	8.8	100	61	1.64	139	204
23-May-90	* 22.8	14.4	10.9	M	5.65	M	M	M	M	M	M	M	148	212
24-May-90	25.1	14.3	0.0	M	6.30	87	2.9	21.0	13.6	100	67	1.87	158	222
25-May-90	* 16.7	14.4	3.3	M	1.26	69	3.7	15.6	14.2	M	83	M	163	228
26-May-90	* 22.2	16.9	6.3	M	2.55	61	2.2	17.4	13.5	99	86	M	173	237
27-May-90	24.8	12.9	0.0	M	5.08	30	2.6	20.0	13.5	99	59	1.84	182	246
28-May-90	35.7	13.3	0.0	M	8.19	63	2.0	25.0	12.1	100	37	1.76	196	258
29-May-90	21.4	9.4	0.0	M	8.38	56	3.4	25.2	13.9	90	38	1.05	201	263
30-May-90	23.2	6.8	0.0	M	8.60	117	2.3	26.5	12.9	79	34	0.98	206	270
31-May-90	34.7	7.6	0.0	M	7.03	170	3.3	23.7	14.5	M	40	1.19	217	280
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	20.1	7.7	128.0	M	5.42	M	M	M	M	M	M	M	134	166

## ROSEMOUNT

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Jun-90	27.9	16.5	0.0	M	5.90	159	5.1	25.2	18.0	90	59	2.00	230	292
02-Jun-90	* 29.4	15.0	17.3	M	1.88	208	8.0	22.0	14.5	M	78	M	242	304
03-Jun-90	26.3	5.9	25.4	M	2.46	291	6.9	14.5	10.3	100	83	1.21	248	312
04-Jun-90	* 28.3	8.6	0.0	M	7.80	190	2.4	19.6	8.6	100	62	1.63	256	322
05-Jun-90	28.1	11.4	13.0	M	4.52	187	4.8	19.2	12.7	100	52	1.63	266	331
06-Jun-90	22.6	10.8	0.0	M	7.87	275	2.8	21.4	12.3	90	46	1.32	273	338
07-Jun-90	23.6	10.1	0.0	M	3.96	148	2.3	19.0	13.2	98	54	1.57	280	345
08-Jun-90	30.1	15.2	0.0	M	6.15	257	4.8	23.6	15.3	98	35	1.71	292	358
09-Jun-90	26.4	13.7	0.0	M	8.56	299	4.0	27.1	15.7	90	43	1.50	303	368
10-Jun-90	29.1	13.0	0.0	M	8.31	124	2.8	29.9	17.1	97	43	1.73	314	379
11-Jun-90	* 29.7	15.6	29.7	M	2.33	136	6.6	23.3	18.4	M	68	M	326	391
12-Jun-90	* 29.7	19.4	2.3	M	5.42	191	4.6	25.6	19.3	M	76	M	341	406
13-Jun-90	* 28.1	17.2	0.0	M	7.49	209	3.6	26.5	19.8	M	59	M	353	419
14-Jun-90	27.8	14.7	35.3	M	7.62	318	1.6	26.7	18.2	98	35	1.72	365	430
15-Jun-90	25.9	16.4	0.0	M	4.98	68	3.1	25.8	18.8	93	63	1.83	376	441
16-Jun-90	* 29.5	16.7	14.2	M	2.68	133	3.7	23.6	19.0	M	78	M	389	454
17-Jun-90	* 29.0	16.7	34.3	M	5.58	248	5.5	23.1	19.0	M	70	M	402	467
18-Jun-90	28.3	18.8	0.0	M	8.06	306	2.7	26.9	17.8	96	12	2.38	419	481
19-Jun-90	* 29.8	23.3	15.7	M	4.62	178	3.8	23.4	18.8	M	69	M	436	498
20-Jun-90	* 23.9	16.3	0.0	M	7.35	266	4.3	22.9	18.0	97	56	2.41	446	508
21-Jun-90	26.3	14.6	0.0	M	7.00	273	2.4	26.4	16.6	96	55	1.81	456	518
22-Jun-90	23.8	15.9	4.8	M	5.90	337	3.8	24.8	18.4	96	62	1.86	466	528
23-Jun-90	25.1	15.0	5.6	M	7.96	326	2.8	24.1	16.3	97	50	1.78	476	538
24-Jun-90	27.8	16.4	0.0	M	7.74	10	1.1	27.4	16.9	98	48	2.06	488	550
25-Jun-90	31.3	17.5	0.0	M	7.74	1	2.0	29.4	19.1	96	52	2.51	503	564
26-Jun-90	32.8	19.7	0.0	M	8.20	332	1.8	31.4	22.3	95	42	2.44	519	579
27-Jun-90	* 32.2	20.1	0.8	M	3.42	54	3.1	25.4	22.2	96	76	3.33	535	594
28-Jun-90	* 29.1	18.9	41.4	M	3.79	132	2.8	24.7	20.8	M	78	M	549	608
29-Jun-90	* 29.0	18.9	0.0	M	7.28	274	1.2	28.7	20.8	M	M	M	563	622
30-Jun-90	30.3	19.5	0.0	M	8.41	320	2.5	28.0	22.6	97	44	2.30	578	637
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	28.0	15.7	239.8	M	6.03	208	3.6	24.6	17.4	M	57	M	361	357
01-Jul-90	28.2	16.8	0.0	M	7.20	123	2.4	25.7	20.8	M	60	M	590	649
02-Jul-90	30.2	17.9	0.0	M	7.09	137	3.3	27.1	21.1	M	70	M	604	663
03-Jul-90	37.8	21.5	0.0	M	7.25	184	4.1	29.2	22.3	M	42	M	624	679
04-Jul-90	28.5	18.2	0.0	M	4.29	298	2.6	27.2	22.7	M	56	M	637	692
05-Jul-90	25.4	15.0	0.0	M	7.91	351	2.5	25.9	20.6	M	58	M	648	703
06-Jul-90	25.4	13.9	0.0	M	8.19	110	3.5	25.8	20.2	M	60	M	657	712
07-Jul-90	27.6	16.7	17.5	M	5.32	142	4.9	23.8	20.3	M	83	M	669	724
08-Jul-90	28.2	18.0	6.9	M	6.44	256	3.8	25.4	22.3	M	53	M	683	738
09-Jul-90	24.6	15.8	0.3	M	4.57	273	1.2	23.2	20.5	M	69	M	693	748
10-Jul-90	27.7	15.8	0.0	M	5.52	28	1.1	23.1	19.9	M	53	M	704	759
11-Jul-90	18.6	14.6	11.7	M	1.32	34	1.6	20.9	18.4	M	91	M	711	766
12-Jul-90	22.4	11.4	13.5	M	7.78	24	3.9	20.2	16.7	M	57	M	718	773
13-Jul-90	25.1	8.2	0.0	M	8.17	10	1.1	21.0	15.8	M	42	M	725	781
14-Jul-90	25.8	13.1	0.0	M	5.70	9	1.5	20.4	16.7	M	59	M	734	790
15-Jul-90	26.8	12.0	0.0	M	7.27	223	1.1	22.1	17.0	M	49	M	744	799
16-Jul-90	28.7	16.2	0.0	M	7.97	229	1.8	23.3	18.7	M	49	M	756	812
17-Jul-90	30.1	19.0	3.3	M	6.48	195	3.7	23.4	20.3	M	69	M	771	826
18-Jul-90	30.3	15.8	0.0	M	7.81	195	1.2	24.3	20.1	M	54	M	784	839
19-Jul-90	27.0	17.7	6.6	M	4.26	320	1.0	23.7	21.2	M	75	M	796	852
20-Jul-90	* 27.2	14.4	0.0	M	6.55	M	M	M	M	M	M	M	807	862
21-Jul-90	27.2	14.4	0.0	M	8.44	342	1.4	23.4	19.1	M	53	M	818	873
22-Jul-90	24.4	13.7	0.0	M	6.93	293	2.2	23.3	19.3	M	51	M	827	882
23-Jul-90	27.0	11.8	0.0	M	7.42	260	1.2	24.2	17.9	M	45	M	836	892
24-Jul-90	24.6	18.8	0.0	M	1.10	147	2.3	24.0	21.4	M	67	M	848	903
25-Jul-90	27.0	19.7	9.4	M	4.11	138	3.6	23.5	20.2	M	76	M	861	917
26-Jul-90	22.0	18.3	54.6	M	1.09	120	3.8	21.7	19.8	M	93	M	871	927
27-Jul-90	26.0	20.0	11.7	M	3.04	124	2.8	23.2	19.9	M	90	M	884	940
28-Jul-90	30.1	18.3	18.3	M	5.59	131	1.6	26.9	20.6	M	81	M	898	954
29-Jul-90	27.3	18.2	19.0	M	6.93	331	2.2	26.8	22.0	M	57	M	911	967
30-Jul-90	24.2	12.3	0.0	M	6.95	349	1.9	24.7	19.5	M	58	M	919	975
31-Jul-90	24.9	9.6	0.0	M	7.35	209	1.0	24.8	17.5	M	53	M	927	982
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	26.8	15.7	172.7	M	6.00	186	2.3	24.1	19.8	M	62	M	349	345

## ROSEMOUNT

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Aug-90	25.7	11.8	0.0	M	7.05	160	2.2	24.2	17.9	M	64	M	935	991
02-Aug-90	26.9	16.3	11.2	M	5.11	134	2.8	24.0	19.0	M	81	M	947	1003
03-Aug-90	29.1	17.0	1.5	M	5.32	16	1.0	26.8	20.2	M	72	M	960	1016
04-Aug-90	25.0	15.0	0.0	M	7.15	332	2.5	25.2	20.5	M	56	M	970	1026
05-Aug-90	23.2	10.7	0.0	M	7.27	346	2.1	23.6	18.0	M	53	M	977	1033
06-Aug-90	26.7	9.0	0.0	M	7.08	330	1.2	24.4	16.5	M	44	M	985	1041
07-Aug-90	25.6	9.5	0.0	M	7.48	355	1.3	25.5	17.0	M	52	M	992	1049
08-Aug-90	25.3	14.2	0.0	M	5.12	10	2.4	25.7	20.0	M	59	M	1002	1059
09-Aug-90	28.0	12.9	0.0	M	5.86	360	1.5	25.7	18.5	M	67	M	1013	1069
10-Aug-90	29.2	13.4	0.0	M	5.56	2	0.7	26.8	19.3	M	48	M	1024	1080
11-Aug-90	24.0	12.6	0.0	M	6.72	0	1.7	26.8	19.3	M	49	M	1032	1089
12-Aug-90	21.6	11.8	2.3	M	3.31	14	1.1	22.6	19.3	M	74	M	1039	1095
13-Aug-90	24.6	8.7	0.0	M	7.23	1	1.1	26.1	16.5	M	53	M	1045	1103
14-Aug-90	29.1	16.2	0.0	M	6.19	11	2.5	27.2	19.3	M	74	M	1058	1115
15-Aug-90	28.6	15.0	0.0	M	6.99	9	1.0	28.9	20.8	M	50	M	1070	1127
16-Aug-90	28.8	14.9	0.0	M	5.49	12	1.8	27.6	20.9	M	76	M	1082	1139
17-Aug-90	29.3	20.1	0.0	M	4.42	38	2.2	28.2	22.4	M	84	M	1096	1154
18-Aug-90	24.8	15.8	7.6	M	2.31	32	3.6	24.2	20.9	M	M	M	1107	1164
19-Aug-90	17.3	15.1	3.0	M	0.91	63	3.6	20.9	18.2	M	M	M	1113	1170
20-Aug-90	18.3	14.9	0.0	M	1.29	61	2.5	19.1	17.6	M	M	M	1120	1177
21-Aug-90	25.7	13.3	0.0	M	6.00	68	1.5	24.5	17.6	M	61	M	1129	1186
22-Aug-90	26.7	11.8	0.0	M	5.98	50	1.5	24.9	17.5	M	67	M	1138	1196
23-Aug-90	23.9	17.4	0.0	M	1.55	49	2.3	22.0	20.1	M	93	M	1149	1206
24-Aug-90	28.8	20.5	2.3	M	3.48	139	1.9	24.7	20.7	M	73	M	1164	1221
25-Aug-90	31.5	18.0	1.0	M	6.19	170	3.0	27.8	20.4	M	76	M	1178	1235
26-Aug-90	29.7	18.2	9.1	M	5.76	71	2.7	27.7	21.8	M	81	M	1192	1249
27-Aug-90	32.7	20.6	0.0	M	4.73	51	1.1	28.9	22.6	M	84	M	1209	1264
28-Aug-90	27.3	16.6	0.0	M	4.08	329	1.1	26.1	21.8	M	56	M	1221	1276
29-Aug-90	28.1	13.5	0.0	M	5.80	12	0.8	26.5	19.3	M	35	M	1232	1287
30-Aug-90	28.3	11.9	0.0	M	6.24	19	2.2	26.8	18.3	M	63	M	1242	1297
31-Aug-90	28.1	17.8	0.0	M	4.68	49	2.6	26.8	20.6	M	73	M	1255	1310
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	26.5	14.7	38.1	M	5.24	106	1.9	25.5	19.4	M	65	M	356	354
01-Sep-90	31.8	15.6	0.0	M	5.87	350	0.7	28.7	20.1	M	33	M	1268	1323
02-Sep-90	27.6	13.8	0.0	M	5.56	23	1.6	28.1	20.2	M	56	M	1279	1333
03-Sep-90	* 27.8	16.7	15.5	M	3.30	M	M	M	M	M	M	M	1291	1345
04-Sep-90	31.4	19.6	0.0	M	5.27	23	2.0	27.4	21.1	M	73	M	1307	1360
05-Sep-90	30.0	17.9	0.3	M	4.47	35	1.9	26.8	20.9	M	89	M	1321	1374
06-Sep-90	31.2	17.7	0.0	M	4.32	46	1.8	27.3	22.2	M	73	M	1335	1388
07-Sep-90	22.4	14.9	5.6	M	3.68	40	2.2	23.6	20.1	M	90	M	1344	1397
08-Sep-90	24.8	14.2	0.0	M	4.25	149	1.8	24.1	19.5	M	79	M	1353	1406
09-Sep-90	27.7	13.7	0.3	M	4.88	41	1.3	24.9	18.0	M	75	M	1364	1417
10-Sep-90	25.9	15.2	0.0	M	5.59	17	1.6	25.8	19.3	M	57	M	1375	1427
11-Sep-90	29.8	13.0	0.0	M	4.86	12	3.0	25.7	18.1	M	73	M	1386	1439
12-Sep-90	31.5	18.9	0.0	M	5.55	12	2.9	28.3	20.4	M	58	M	1401	1453
13-Sep-90	30.0	16.5	0.0	M	5.51	11	4.2	27.6	20.9	M	54	M	1415	1467
14-Sep-90	17.1	9.2	8.9	M	2.49	313	2.9	23.6	16.0	M	75	M	1418	1470
15-Sep-90	23.5	7.8	0.0	M	4.81	305	2.9	20.1	13.7	M	50	M	1423	1477
16-Sep-90	16.8	6.2	0.0	M	1.84	2	1.8	16.7	13.3	M	74	M	1425	1480
17-Sep-90	17.7	4.1	0.0	M	4.42	19	2.0	17.3	10.8	M	64	M	1426	1484
18-Sep-90	12.7	8.5	10.4	M	0.52	110	1.7	14.6	13.1	M	M	M	1426	1485
19-Sep-90	21.4	7.9	2.3	M	5.45	289	1.6	19.6	12.5	M	52	M	1431	1491
20-Sep-90	20.4	6.7	0.0	M	2.64	18	2.2	16.9	12.3	M	68	M	1435	1496
21-Sep-90	17.8	8.9	4.6	M	4.62	331	4.2	17.1	13.4	M	55	M	1438	1500
22-Sep-90	10.8	6.8	0.0	M	1.60	59	4.2	13.4	10.6	M	83	M	1438	1501
23-Sep-90	14.8	2.7	0.0	M	5.45	296	2.6	14.6	8.0	M	44	M	1438	1503
24-Sep-90	25.5	2.4	0.0	M	5.21	219	3.1	16.5	7.7	M	42	M	1442	1511
25-Sep-90	28.4	11.9	0.0	M	5.09	355	2.9	19.8	11.9	M	30	M	1452	1521
26-Sep-90	27.1	6.1	0.0	M	4.74	359	1.1	20.0	11.8	M	29	M	1459	1530
27-Sep-90	19.9	12.1	0.0	M	2.05	2	2.1	17.1	14.6	M	52	M	1465	1535
28-Sep-90	18.3	6.4	0.0	M	4.81	351	2.3	18.3	12.0	M	54	M	1467	1540
29-Sep-90	16.0	2.7	0.0	M	3.76	334	1.7	16.5	11.9	M	56	M	1467	1543
30-Sep-90	18.1	-0.5	0.0	M	4.39	185	1.9	16.6	9.1	M	48	M	1467	1547
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	23.3	10.6	47.8	M	4.23	148	2.3	21.3	15.3	M	60	M	236	259

## ROSEMOUNT

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Oct-90	19.6	5.1	3.8	M	4.75	272	2.9	15.6	11.0	M	33	M	1469	1552
02-Oct-90	25.4	2.3	0.0	M	3.71	20	4.5	16.8	9.0	M	44	M	1473	1559
03-Oct-90	14.9	6.6	13.5	M	1.60	264	4.0	16.1	11.1	M	67	M	1474	1562
04-Oct-90	19.2	5.5	0.0	M	4.54	258	4.4	13.4	8.8	M	33	M	1476	1566
05-Oct-90	27.9	7.1	0.0	M	4.33	35	2.1	17.3	9.9	M	40	M	1484	1575
06-Oct-90	17.5	6.7	0.0	M	2.94	347	4.3	14.7	10.8	M	67	M	1486	1579
07-Oct-90	12.1	4.0	0.0	M	4.28	356	2.7	13.6	9.0	M	42	M	1486	1580
08-Oct-90	7.3	2.8	1.8	M	1.44	66	1.2	11.1	8.7	M	69	M	1486	1580
09-Oct-90	12.0	-0.1	0.0	M	4.51	3	1.4	11.9	6.2	M	37	M	1486	1581
10-Oct-90	12.3	-4.0	0.0	M	4.47	19	1.2	11.1	4.2	M	39	M	1486	1582
11-Oct-90	16.9	-2.6	0.0	M	4.10	353	2.4	12.4	4.2	M	53	M	1486	1586
12-Oct-90	13.9	1.8	5.1	M	4.32	291	1.5	13.3	7.3	M	42	M	1486	1588
13-Oct-90	17.1	3.2	0.0	M	3.27	155	3.2	11.6	7.1	M	56	M	1486	1591
14-Oct-90	15.3	3.4	0.0	M	3.86	263	3.9	12.3	7.7	M	45	M	1486	1594
15-Oct-90	13.6	1.2	0.0	M	2.78	226	2.6	10.0	5.4	M	45	M	1486	1596
16-Oct-90	15.7	3.0	0.0	M	1.76	107	2.3	10.4	5.9	M	66	M	1486	1598
17-Oct-90	18.1	1.0	0.0	M	0.51	333	4.7	12.0	7.3	M	93	M	1486	1602
18-Oct-90	6.8	-3.6	5.6	M	3.57	322	4.7	8.6	4.5	M	63	M	1486	1602
19-Oct-90	12.2	-3.8	0.0	M	2.91	122	4.2	7.2	3.2	M	50	M	1486	1604
20-Oct-90	8.7	4.6	0.0	M	0.47	326	2.6	7.3	4.9	M	73	M	1486	1604
21-Oct-90	8.3	-2.6	10.4	M	3.40	287	3.2	8.3	4.1	M	57	M	1486	1604
22-Oct-90	15.2	-2.6	0.0	M	2.99	126	3.3	7.6	2.9	M	46	M	1486	1606
23-Oct-90	17.4	2.4	0.0	M	3.52	288	3.2	10.5	6.1	M	34	M	1486	1610
24-Oct-90	11.5	-2.0	0.0	M	3.26	310	2.6	8.0	3.8	M	42	M	1486	1611
25-Oct-90	10.6	-5.4	0.0	M	3.22	156	1.8	7.0	2.7	M	47	M	1486	1611
26-Oct-90	18.9	2.7	0.0	M	3.29	60	3.4	9.1	3.5	M	47	M	1487	1615
27-Oct-90	12.8	1.1	0.0	M	2.63	335	6.4	8.5	5.2	M	30	M	1487	1617
28-Oct-90	11.6	-4.2	0.0	M	3.39	14	1.8	7.6	2.9	M	35	M	1487	1618
29-Oct-90	17.1	3.4	0.0	M	3.29	23	2.6	9.1	3.6	M	42	M	1487	1621
30-Oct-90	19.0	0.9	0.0	M	3.11	8	1.7	9.9	4.2	M	38	M	1487	1626
31-Oct-90	22.3	1.5	0.0	M	2.98	46	2.2	10.7	4.6	M	57	M	1489	1632
MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL	
15.2	1.3	40.1	M	3.20	187	3.0	11.1	6.1	M	49	M	22	85	

## ROSEAU

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 4.44	GDD 10
01-Apr-90	* 3.8	-4.8	0.0	M	4.51	353	6.1	4.1	0.3	92	52	0.46	0	0
02-Apr-90	* 4.3	-7.9	0.0	M	6.31	59	3.0	2.9	0.1	70	22	0.25	0	0
03-Apr-90	* 7.6	-4.0	0.0	M	3.13	197	4.0	2.5	0.1	90	53	0.49	0	0
04-Apr-90	* 2.3	-7.8	0.0	M	2.67	339	5.4	1.4	0.1	90	51	0.42	0	0
05-Apr-90	* -3.5	-11.5	0.0	M	4.31	331	5.6	0.2	-0.9	72	46	0.21	0	0
06-Apr-90	* -0.1	-12.9	0.0	M	6.48	312	3.1	0.1	-2.8	83	46	0.24	0	0
07-Apr-90	* 7.2	-13.9	0.0	M	3.87	243	3.2	0.1	M	M	48	0.45	0	0
08-Apr-90	* 8.9	-3.9	0.0	M	4.32	66	2.7	0.5	0.1	93	35	0.48	0	0
09-Apr-90	* 10.8	-3.3	0.0	M	6.21	26	3.8	0.3	0.2	93	40	0.48	0	0
10-Apr-90	* -1.5	-6.9	0.0	M	4.85	339	5.8	0.3	0.3	70	46	0.25	0	0
11-Apr-90	* -1.5	-8.0	0.0	M	3.71	298	2.8	0.3	0.2	78	50	0.29	0	0
12-Apr-90	* 8.4	-2.6	0.0	M	6.19	245	3.5	2.0	0.2	87	47	0.47	0	0
13-Apr-90	* 10.5	-2.2	0.0	M	6.44	272	2.5	6.2	0.2	86	37	0.48	0	0
14-Apr-90	* 8.1	-3.3	0.0	M	3.61	314	3.8	4.7	0.2	74	53	0.44	0	0
15-Apr-90	* 9.5	-4.6	0.0	M	2.75	235	3.7	1.2	0.2	88	52	0.47	0	0
16-Apr-90	* 0.6	-6.0	0.0	M	5.16	335	5.5	2.2	0.2	87	40	0.31	0	0
17-Apr-90	* 11.5	-7.1	0.0	M	6.49	249	4.2	3.4	0.1	83	27	0.38	0	0
18-Apr-90	* 16.9	1.0	0.0	M	6.69	200	7.5	7.8	0.2	61	23	0.44	4	0
19-Apr-90	* 21.8	2.6	0.0	M	6.24	219	5.6	11.8	2.0	74	24	0.61	12	2
20-Apr-90	* 15.6	1.1	0.0	M	M	M	M	M	M	M	M	M	16	2
21-Apr-90	* 29.4	6.5	0.0	M	6.19	211	5.6	15.2	4.9	63	12	0.59	30	10
22-Apr-90	* 27.4	5.1	0.0	M	4.53	158	4.5	14.5	5.7	80	28	0.98	41	16
23-Apr-90	* 30.5	14.7	5.6	M	4.89	171	6.0	18.1	10.0	75	26	1.31	60	29
24-Apr-90	* 28.0	11.5	8.4	M	6.15	102	3.4	20.7	10.4	88	28	1.33	75	39
25-Apr-90	* 25.2	6.3	0.0	M	5.23	195	4.9	16.6	11.2	89	43	1.40	86	44
26-Apr-90	* 6.2	-0.7	0.0	M	1.77	333	4.2	11.2	4.5	89	81	0.67	86	44
27-Apr-90	* 4.0	-2.0	12.4	M	2.04	15	5.9	4.9	2.2	91	77	0.55	86	44
28-Apr-90	* 1.9	-2.5	0.0	M	1.65	311	4.1	4.2	1.4	92	85	0.53	86	44
29-Apr-90	* 1.5	-2.8	1.3	M	4.04	219	3.9	1.4	0.5	89	55	0.44	86	44
30-Apr-90	2.3	-4.1	0.0	M	4.98	242	4.9	2.7	0.2	90	63	0.45	86	44
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	9.9	-2.5	27.7	M	4.67	227	4.5	5.6	1.9	83	44	0.55	86	44
01-May-90	7.2	-4.6	0.0	M	5.20	271	3.6	5.0	0.3	89	47	0.44	86	44
02-May-90	12.6	-3.0	0.0	M	7.69	320	2.1	11.1	0.6	90	17	0.39	86	44
03-May-90	* 7.6	-2.1	8.9	M	1.74	59	2.5	6.2	2.2	91	52	0.64	86	44
04-May-90	17.9	-0.5	0.0	M	7.51	34	2.3	14.1	2.0	93	25	0.69	91	44
05-May-90	16.9	0.5	0.0	M	7.93	347	2.7	15.6	4.1	86	17	0.48	95	44
06-May-90	25.5	-0.2	0.0	M	6.76	231	4.8	17.3	5.3	71	15	0.54	103	47
07-May-90	20.9	6.4	0.0	M	4.98	56	6.6	15.9	10.3	83	37	0.79	112	51
08-May-90	15.0	0.1	0.0	M	4.92	293	3.2	14.8	8.4	88	42	0.71	116	51
09-May-90	6.1	-3.8	0.0	M	3.51	4	4.9	9.6	4.2	90	61	0.54	116	51
10-May-90	14.5	-6.8	0.0	M	7.96	352	1.9	14.9	2.0	90	18	0.36	116	51
11-May-90	17.5	-0.2	0.0	M	7.18	262	4.4	15.9	4.8	60	29	0.49	120	51
12-May-90	17.5	-4.0	0.0	M	8.06	247	2.0	17.9	4.8	77	17	0.36	122	51
13-May-90	* 9.8	0.2	4.6	M	1.96	52	4.5	10.7	5.4	91	44	0.65	123	51
14-May-90	17.5	-1.9	0.0	M	8.34	63	2.9	16.4	3.2	92	19	0.49	126	51
15-May-90	15.4	9.3	0.0	M	0.04	124	3.6	14.9	11.8	91	53	1.04	134	53
16-May-90	* 15.9	5.8	5.3	M	2.90	184	4.2	12.7	9.2	93	71	1.15	140	54
17-May-90	5.8	0.7	5.0	M	2.31	316	4.0	10.6	6.0	96	89	0.71	140	54
18-May-90	16.8	-0.6	0.0	M	8.04	27	3.1	17.0	4.3	94	18	0.52	144	54
19-May-90	* 19.6	-0.1	3.3	M	7.06	110	3.4	16.7	6.4	91	16	0.53	149	54
20-May-90	20.1	0.2	0.0	M	7.94	83	3.1	18.6	7.8	78	21	0.52	155	54
21-May-90	19.3	9.7	1.0	M	3.71	157	3.9	17.0	11.8	89	25	0.96	165	59
22-May-90	23.1	9.5	4.0	M	4.76	182	4.1	16.8	10.5	91	35	1.21	177	65
23-May-90	23.9	5.0	0.0	M	7.74	75	2.7	21.7	9.9	95	32	1.06	187	69
24-May-90	23.6	4.7	0.0	M	8.05	80	4.3	21.6	11.8	95	28	0.92	197	74
25-May-90	22.9	4.6	0.0	M	7.09	73	4.2	20.6	12.5	89	28	0.87	206	77
26-May-90	24.3	5.4	0.0	M	8.66	69	2.6	23.9	12.9	92	17	0.91	216	82
27-May-90	28.6	10.1	0.0	M	7.42	291	2.6	25.4	15.2	89	13	0.91	231	91
28-May-90	21.2	8.5	0.0	M	8.27	57	4.4	23.0	15.8	84	33	0.92	242	96
29-May-90	23.2	3.0	0.0	M	8.71	76	2.6	24.4	13.7	89	22	0.70	250	99
30-May-90	26.5	5.7	0.0	M	8.81	180	2.9	25.1	14.6	70	12	0.55	262	106
31-May-90	27.9	9.6	0.0	M	6.40	189	5.2	23.7	16.3	68	18	0.93	276	114
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	18.2	2.3	32.1	M	6.18	157	3.5	16.7	8.0	87	31	0.71	190	70

## ROSEAU

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 4.44	GDD 10
01-Jun-90	28.2	13.6	0.0	M	3.78	182	4.4	22.6	17.5	85	55	1.69	293	125
02-Jun-90	24.5	4.2	35.9	M	3.82	32	6.5	21.7	12.7	94	60	1.48	303	130
03-Jun-90	15.1	3.5	5.0	M	7.91	356	7.0	17.5	9.7	94	44	0.80	308	130
04-Jun-90	20.3	2.5	0.0	M	8.28	172	2.5	22.2	9.7	94	34	0.87	315	131
05-Jun-90	21.9	11.3	1.0	M	4.88	234	5.3	20.4	14.3	89	40	1.23	327	138
06-Jun-90	23.8	8.7	0.0	M	8.36	263	4.1	24.0	12.4	91	34	1.13	339	144
07-Jun-90	26.2	9.6	2.0	M	7.63	201	5.3	24.5	15.0	91	25	1.16	352	152
08-Jun-90	17.6	11.8	10.0	M	3.75	234	4.4	19.5	16.1	93	86	1.50	362	156
09-Jun-90	25.6	8.4	2.0	M	6.92	246	1.9	24.8	13.5	95	41	1.41	375	163
10-Jun-90	30.4	7.6	0.0	M	8.19	147	2.9	27.3	14.1	94	31	1.43	389	172
11-Jun-90	22.9	18.6	2.0	M	2.06	156	6.6	22.7	19.2	88	57	1.86	406	183
12-Jun-90	27.8	14.3	0.0	M	7.75	232	2.2	28.2	17.2	91	34	1.47	422	194
13-Jun-90	23.3	8.5	2.0	M	4.48	253	3.3	23.2	17.3	94	37	1.34	434	200
14-Jun-90	18.3	7.4	0.0	M	8.02	330	2.8	26.0	14.9	93	53	1.11	442	203
15-Jun-90	19.1	6.9	0.0	M	4.92	72	2.4	21.6	16.0	90	46	1.04	451	206
16-Jun-90	24.4	7.8	0.0	M	7.61	67	2.9	25.9	15.4	94	62	1.55	462	212
17-Jun-90	22.0	13.1	6.0	M	2.92	26	2.8	22.3	18.0	93	78	1.69	476	220
18-Jun-90	26.1	14.8	0.0	M	7.03	226	2.4	27.3	16.9	92	51	1.79	492	230
19-Jun-90	25.8	14.4	9.0	M	4.38	157	2.0	24.1	18.8	98	50	1.74	507	240
20-Jun-90	18.7	12.9	5.0	M	2.83	277	2.7	19.8	16.8	99	89	1.64	519	246
21-Jun-90	23.9	11.3	1.0	M	6.23	296	2.4	22.2	14.6	99	64	1.70	532	254
22-Jun-90	23.6	9.8	0.0	M	7.34	9	2.6	25.3	14.8	100	55	1.57	544	260
23-Jun-90	24.1	9.2	0.0	M	7.92	286	1.6	28.1	16.2	100	56	1.51	556	267
24-Jun-90	26.8	10.1	0.0	M	8.37	228	2.2	29.6	18.1	99	50	1.68	570	275
25-Jun-90	30.3	14.0	0.0	M	6.93	226	2.6	29.3	20.4	94	62	2.18	588	288
26-Jun-90	26.9	13.0	0.0	M	8.42	43	2.1	31.3	21.0	100	56	1.95	604	298
27-Jun-90	27.8	15.4	0.0	M	5.81	140	2.9	28.2	22.2	90	60	1.95	621	309
28-Jun-90	28.0	14.0	0.0	M	4.76	196	1.5	28.3	21.6	99	71	2.24	637	320
29-Jun-90	30.1	14.3	0.0	M	6.75	288	1.5	30.9	21.6	100	51	2.15	655	332
30-Jun-90	28.4	12.4	0.0	M	8.71	334	1.4	32.2	21.4	100	36	1.60	671	343
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	24.4	10.8	80.7	M	6.22	197	3.2	25.0	16.6	94	52	1.55	395	229
01-Jul-90	28.7	10.1	0.0	M	5.92	189	3.0	28.7	21.8	96	58	1.92	686	352
02-Jul-90	32.9	19.2	25.9	M	5.62	190	3.3	31.5	23.2	97	63	2.67	708	368
03-Jul-90	28.2	17.5	3.0	M	3.87	187	3.3	27.4	23.1	97	84	2.63	726	381
04-Jul-90	21.4	12.3	0.0	M	6.79	271	3.2	26.6	19.2	100	74	1.72	738	388
05-Jul-90	20.9	11.2	0.0	M	5.49	8	2.1	26.0	18.6	100	60	1.45	750	394
06-Jul-90	20.8	6.9	1.0	M	4.17	137	3.0	23.1	17.2	100	62	1.50	759	398
07-Jul-90	25.3	16.4	21.0	M	3.47	167	3.4	23.3	18.3	98	80	2.28	776	409
08-Jul-90	23.4	14.6	2.0	M	7.09	309	2.7	26.3	19.0	99	64	1.82	790	418
09-Jul-90	24.9	13.1	0.0	M	7.93	293	2.6	29.6	17.9	97	58	1.74	805	427
10-Jul-90	26.0	9.7	0.0	M	8.57	324	0.7	31.8	19.1	97	45	1.46	818	435
11-Jul-90	23.6	12.1	0.0	M	8.38	50	2.8	30.0	21.3	97	45	1.46	832	443
12-Jul-90	27.0	8.8	0.0	M	8.37	49	1.0	31.9	19.6	98	42	1.43	845	450
13-Jul-90	26.5	8.2	0.0	M	8.30	218	2.2	31.0	20.7	99	44	1.47	858	458
14-Jul-90	27.4	9.2	0.0	M	8.29	205	2.4	31.1	20.6	98	41	1.50	872	466
15-Jul-90	25.6	11.6	3.0	M	6.71	268	1.9	29.5	21.4	97	47	1.59	886	475
16-Jul-90	28.7	11.1	0.0	M	7.99	238	2.6	31.2	19.7	97	41	1.59	902	485
17-Jul-90	24.8	14.2	3.0	M	6.73	247	3.2	29.5	21.7	97	64	1.95	917	494
18-Jul-90	23.5	11.9	0.0	M	5.23	258	2.8	27.5	19.9	98	59	1.60	930	502
19-Jul-90	23.4	8.8	0.0	M	7.41	309	2.4	28.3	18.3	100	54	1.45	942	508
20-Jul-90	23.0	11.7	1.0	M	6.53	295	1.9	28.2	20.0	98	53	1.50	955	515
21-Jul-90	21.7	8.0	0.0	M	6.73	305	1.9	27.3	18.5	100	60	1.47	965	520
22-Jul-90	24.7	8.7	0.0	M	6.95	319	1.7	29.3	19.1	100	49	1.45	977	527
23-Jul-90	27.4	6.9	0.0	M	7.20	212	1.5	29.4	19.4	100	41	1.43	990	534
24-Jul-90	29.1	11.6	0.0	M	7.12	190	2.5	29.7	20.5	96	39	1.60	1006	544
25-Jul-90	29.4	11.9	0.0	M	6.51	132	2.4	29.8	21.2	98	53	2.04	1022	555
26-Jul-90	26.6	14.8	0.0	M	3.57	141	3.2	26.9	22.8	99	78	2.27	1038	566
27-Jul-90	24.4	18.3	0.3	M	M	M	M	M	M	M	M	M	1055	577
28-Jul-90	30.5	19.4	0.0	M	7.13	226	3.9	31.2	23.2	96	47	2.33	1076	592
29-Jul-90	22.2	9.5	0.0	M	5.55	344	3.0	28.8	22.6	98	60	1.57	1087	598
30-Jul-90	22.7	6.5	0.0	M	6.42	323	1.9	27.9	19.4	97	44	1.18	1097	602
31-Jul-90	29.5	7.4	0.0	M	7.63	217	3.2	29.6	19.3	97	38	1.39	1111	611
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	25.6	11.7	60.1	M	6.59	221	2.5	28.8	20.2	98	55	1.72	435	268

## ROSEAU

DATE	AIR MAX	AIR MIN	PRR	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRRS	GDD 4.44	GDD 10
01-Aug-90	32.0	14.2	4.0	M	7.26	179	5.0	30.5	21.3	96	47	1.91	1130	624
02-Aug-90	29.7	18.1	1.0	M	6.41	211	3.9	30.2	21.7	96	58	2.27	1149	638
03-Aug-90	29.5	15.4	0.0	M	6.34	311	2.4	31.1	22.1	98	55	2.06	1168	650
04-Aug-90	22.7	10.1	0.0	M	6.57	337	3.5	27.4	20.4	98	44	1.36	1179	657
05-Aug-90	25.8	5.6	0.0	M	7.07	280	1.3	29.1	18.3	99	38	1.21	1191	662
06-Aug-90	30.6	9.5	0.0	M	6.93	200	2.8	30.0	20.1	95	31	1.32	1206	672
07-Aug-90	30.4	14.6	0.0	M	7.20	188	3.7	30.7	21.9	83	37	1.51	1224	685
08-Aug-90	32.9	15.3	0.0	M	6.15	213	3.9	30.3	22.3	91	35	1.76	1244	699
09-Aug-90	26.7	11.7	0.0	M	M	M	M	M	M	M	M	M	1259	708
10-Aug-90	19.4	8.9	0.0	M	M	M	M	M	M	M	M	M	1269	712
11-Aug-90	16.7	2.7	0.0	M	3.06	218	1.1	21.7	17.3	100	60	1.08	1274	712
12-Aug-90	24.9	1.3	0.0	M	6.18	255	1.3	24.9	14.3	100	36	1.04	1282	715
13-Aug-90	25.8	4.4	0.0	M	6.83	208	4.0	25.7	16.4	99	41	1.25	1293	721
14-Aug-90	24.4	11.5	0.0	M	6.76	327	3.0	27.6	19.6	97	41	1.41	1307	728
15-Aug-90	27.4	5.4	0.0	M	6.10	179	2.5	27.2	18.3	97	38	1.21	1319	735
16-Aug-90	34.7	19.1	0.0	M	6.54	213	4.2	31.1	21.3	77	37	1.86	1341	752
17-Aug-90	23.9	16.2	0.0	M	4.98	49	5.5	27.2	22.4	79	60	1.61	1357	762
18-Aug-90	19.6	13.5	0.0	M	2.88	69	5.5	23.9	21.1	79	59	1.30	1369	768
19-Aug-90	24.3	11.8	0.0	M	6.49	78	4.2	26.8	19.0	83	42	1.28	1382	776
20-Aug-90	25.0	5.8	0.0	M	6.01	61	2.0	26.8	18.3	98	35	1.13	1393	782
21-Aug-90	29.0	10.1	0.0	M	6.58	192	1.9	28.9	19.0	98	52	1.73	1408	791
22-Aug-90 *	30.5	13.3	18.0	M	6.29	169	3.6	29.2	21.0	98	52	1.98	1426	803
23-Aug-90	30.1	19.2	0.0	M	3.98	177	4.1	28.2	23.2	96	61	2.31	1446	818
24-Aug-90	33.7	12.7	0.0	M	6.31	103	1.6	31.1	21.0	97	31	1.87	1465	831
25-Aug-90	29.0	16.2	0.0	M	4.96	278	2.4	30.0	23.3	97	49	2.06	1483	844
26-Aug-90	26.9	15.9	0.0	M	4.49	29	2.7	28.6	22.6	97	64	2.02	1500	855
27-Aug-90	28.1	13.2	6.0	M	4.88	262	2.3	27.1	21.6	98	60	1.91	1516	866
28-Aug-90	26.4	8.1	0.0	M	5.10	252	2.0	27.1	17.7	99	42	1.46	1529	873
29-Aug-90	29.5	11.2	0.0	M	6.36	253	3.0	28.6	18.0	96	24	1.27	1545	883
30-Aug-90	31.0	11.6	0.0	M	6.31	258	2.5	30.0	19.2	88	31	1.39	1562	895
31-Aug-90	31.1	19.1	1.0	M	6.14	250	4.7	29.5	22.6	95	20	1.55	1582	910
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	27.5	11.8	29.9	M	5.90	200	3.1	28.3	20.2	94	44	1.59	471	299
01-Sep-90	22.0	10.0	0.0	M	4.78	309	3.1	26.4	20.4	97	46	1.46	1594	916
02-Sep-90	28.8	6.2	0.0	M	6.05	147	2.9	27.6	17.6	99	35	1.40	1607	923
03-Sep-90	30.5	18.3	0.0	M	5.14	181	4.7	28.9	21.3	91	58	2.23	1627	938
04-Sep-90	25.5	10.9	0.0	M	6.03	359	3.7	28.2	21.4	93	28	1.36	1641	946
05-Sep-90	26.8	7.7	0.0	M	3.74	209	2.7	25.4	18.9	94	59	1.61	1654	953
06-Sep-90	27.0	13.3	2.0	M	5.17	7	2.9	27.5	20.1	98	42	1.68	1669	963
07-Sep-90	24.8	10.1	0.0	M	5.95	127	2.5	27.7	18.3	97	40	1.30	1682	971
08-Sep-90	27.6	12.0	0.0	M	5.73	251	4.3	27.8	19.0	94	40	1.52	1698	981
09-Sep-90	20.6	9.6	1.0	M	4.39	345	2.4	24.0	18.5	98	51	1.23	1708	986
10-Sep-90	23.4	1.7	0.0	M	5.72	197	1.9	25.0	15.2	99	21	0.79	1716	988
11-Sep-90	30.1	11.5	0.0	M	4.21	226	3.8	25.7	17.9	87	42	1.56	1733	999
12-Sep-90	21.7	7.8	0.0	M	M	M	M	M	M	M	M	M	1743	1004
13-Sep-90	22.8	11.1	0.5	M	M	M	M	M	M	M	M	M	1756	1011
14-Sep-90	21.1	8.1	0.0	M	4.43	291	3.0	22.5	15.9	98	49	1.14	1766	1015
15-Sep-90	16.5	4.8	0.0	M	4.22	341	5.2	20.3	16.1	98	54	1.06	1772	1016
16-Sep-90	14.6	-0.4	0.0	M	3.87	57	2.3	19.3	12.8	100	63	0.87	1775	1016
17-Sep-90	18.4	2.1	0.0	M	2.79	168	3.6	17.8	12.5	100	60	1.11	1780	1016
18-Sep-90	19.1	10.0	12.0	M	2.87	232	3.1	18.7	14.4	98	52	1.28	1791	1021
19-Sep-90	19.9	4.6	0.0	M	5.26	273	2.3	19.4	10.5	94	38	0.92	1798	1023
20-Sep-90	18.5	5.3	0.0	M	1.67	183	1.9	16.7	12.4	96	51	1.13	1806	1025
21-Sep-90	11.8	5.6	2.0	M	1.06	280	4.1	15.1	11.3	98	92	1.05	1810	1025
22-Sep-90	9.9	0.7	0.0	M	2.26	341	5.5	12.1	8.6	98	61	0.78	1811	1025
23-Sep-90	17.5	-2.3	0.0	M	4.97	237	3.9	16.0	5.6	100	42	0.73	1814	1025
24-Sep-90	27.4	6.5	0.0	M	4.68	246	4.1	20.1	10.3	83	29	0.96	1827	1032
25-Sep-90	25.8	7.4	0.0	M	4.74	305	3.0	21.2	12.8	94	23	1.02	1839	1038
26-Sep-90	29.3	5.2	0.0	M	4.50	245	3.2	22.0	12.8	87	26	0.92	1852	1046
27-Sep-90	14.9	3.2	0.0	M	3.37	316	3.0	17.7	12.4	98	51	0.85	1856	1046
28-Sep-90	14.8	3.3	0.0	M	2.91	346	2.4	17.5	12.3	96	51	0.82	1861	1046
29-Sep-90	13.0	0.4	0.0	M	3.18	37	2.2	16.5	11.0	99	58	0.79	1863	1046
30-Sep-90	15.6	-3.0	1.0	M	2.92	194	2.1	15.0	8.4	100	45	0.79	1865	1046
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	21.3	6.4	18.4	M	4.16	230	3.2	21.5	14.6	96	47	1.16	283	136

## ROSEAU

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 4.44	GDD 10
01-Oct-90	19.0	1.6	0.0	M	4.45	270	2.8	16.4	7.8	98	29	0.71	1871	1046
02-Oct-90	23.1	2.7	0.0	M	3.28	150	3.6	17.3	9.1	81	37	0.91	1879	1049
03-Oct-90	15.9	6.8	0.0	M	2.71	267	4.1	16.1	12.6	78	37	0.75	1886	1050
04-Oct-90	11.1	3.3	0.0	M	M	M	M	M	M	M	M	M	1889	1050
05-Oct-90	16.1	0.6	0.0	M	M	M	M	M	M	M	M	M	1893	1050
06-Oct-90	6.2	-4.6	1.0	M	3.05	322	3.0	13.2	7.9	98	52	0.57	1893	1050
07-Oct-90	9.6	-9.5	0.0	M	4.15	277	1.2	12.2	4.0	98	38	0.38	1893	1050
08-Oct-90	12.3	-8.5	0.0	M	4.14	216	1.8	12.4	3.9	86	23	0.32	1893	1050
09-Oct-90	14.3	-4.4	0.0	M	3.54	200	3.1	12.4	5.5	73	29	0.43	1893	1050
10-Oct-90	13.6	2.1	0.0	M	2.96	180	6.5	12.0	6.5	62	31	0.45	1897	1050
11-Oct-90	9.8	-1.7	0.0	M	2.57	258	4.1	12.1	8.2	64	41	0.47	1897	1050
12-Oct-90	13.2	-9.1	0.0	M	3.10	178	3.0	11.1	4.2	87	34	0.43	1897	1050
13-Oct-90	15.6	-1.2	0.0	M	2.82	195	3.7	13.5	9.1	89	41	0.68	1900	1050
14-Oct-90	11.3	-3.6	0.0	M	1.56	270	1.8	9.9	5.8	98	65	0.66	1900	1050
15-Oct-90	11.6	-3.4	0.0	M	3.69	253	2.7	11.1	4.4	98	35	0.52	1900	1050
16-Oct-90	10.0	-4.9	0.0	M	1.29	30	2.0	8.9	4.3	85	51	0.54	1900	1050
17-Oct-90	4.2	-5.8	0.0	M	1.30	7	6.1	7.6	4.1	88	65	0.48	1900	1050
18-Oct-90	6.3	-6.9	0.0	M	3.16	316	1.9	8.8	2.5	96	48	0.41	1900	1050
19-Oct-90	8.8	-1.6	0.0	M	2.22	137	4.3	8.8	4.4	89	55	0.56	1900	1050
20-Oct-90	5.6	2.1	0.0	M	0.89	307	1.7	7.9	6.2	96	72	0.66	1900	1050
21-Oct-90	8.3	-0.5	0.0	M	3.17	240	3.7	9.6	5.2	97	41	0.52	1900	1050
22-Oct-90	15.5	0.5	0.0	M	2.90	198	4.8	11.8	6.6	74	37	0.55	1903	1050
23-Oct-90	5.5	-7.5	1.0	M	1.02	289	2.0	7.8	4.5	100	74	0.59	1903	1050
24-Oct-90	4.1	-4.8	0.0	M	1.33	334	1.9	6.2	3.3	100	79	0.57	1903	1050
25-Oct-90	13.8	-4.9	0.0	M	3.05	172	4.2	8.9	2.4	99	39	0.53	1903	1050
26-Oct-90	22.4	1.0	0.0	M	2.67	217	5.3	11.7	4.4	96	27	0.71	1910	1052
27-Oct-90	15.8	-6.2	2.0	M	2.70	318	4.1	10.7	4.7	99	38	0.59	1911	1052
28-Oct-90	10.7	-10.9	0.0	M	2.77	162	3.3	6.9	1.9	99	38	0.42	1911	1052
29-Oct-90	12.2	-0.7	0.0	M	1.84	12	2.1	9.1	4.0	88	46	0.61	1912	1052
30-Oct-90	17.1	-6.7	0.0	M	2.82	211	1.1	10.3	3.0	97	34	0.54	1913	1052
31-Oct-90	19.0	1.7	0.0	M	2.20	159	3.4	11.0	4.9	89	45	0.78	1919	1052
MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
12.3	-2.7	4.0	M	2.67	212	3.2	10.9	5.4	90	44	0.56	54	6	



## ST PAUL

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Apr-90	11.1	0.6	7.4	M	1.29	M	2.0	5.4	1.8	M	M	M	0	1
02-Apr-90	3.9	-5.0	1.0	M	5.49	M	4.1	5.2	0.5	M	M	M	0	1
03-Apr-90	11.1	-6.1	0.0	M	6.75	M	1.5	7.1	0.2	M	M	M	0	1
04-Apr-90	12.8	1.1	0.0	M	6.35	M	4.7	7.7	1.3	M	M	M	0	2
05-Apr-90	12.8	-5.6	0.0	M	6.12	M	5.7	4.2	0.8	M	M	M	0	4
06-Apr-90	2.8	-10.0	0.0	M	6.72	M	4.5	0.8	-0.2	M	M	M	0	4
07-Apr-90	8.3	-7.8	0.0	M	6.66	M	1.6	2.8	-0.4	M	M	M	0	4
08-Apr-90	14.4	-3.3	0.0	M	6.56	M	1.6	8.0	-0.1	M	M	M	0	6
09-Apr-90	16.1	4.4	0.3	M	2.86	M	4.1	7.6	3.5	M	M	M	0	9
10-Apr-90	8.9	-2.2	0.0	M	5.05	M	4.1	7.2	1.2	M	M	M	0	9
11-Apr-90	6.7	-7.2	0.0	M	4.70	M	4.1	3.2	0.3	M	M	M	0	9
12-Apr-90	11.1	-5.0	0.0	M	6.62	M	1.9	7.9	0.0	M	M	M	0	10
13-Apr-90	12.8	0.6	0.0	M	5.68	M	2.3	9.0	1.0	M	M	M	0	11
14-Apr-90	20.6	0.0	0.0	M	6.41	M	3.6	12.0	2.1	M	M	M	1	16
15-Apr-90	20.0	-2.2	2.5	M	6.57	M	2.8	10.7	2.6	M	M	M	1	21
16-Apr-90	12.2	-0.6	3.3	M	3.81	M	4.4	6.3	2.5	M	M	M	1	22
17-Apr-90	8.3	-5.0	0.0	M	7.38	M	2.9	6.7	0.6	M	M	M	1	22
18-Apr-90	16.1	1.1	0.0	M	7.47	M	4.5	10.8	1.4	M	M	M	1	26
19-Apr-90	16.1	8.3	0.0	M	2.00	M	4.6	8.6	6.7	M	M	M	3	29
20-Apr-90	23.3	6.7	0.0	M	5.57	M	0.6	16.5	6.2	M	M	M	8	35
21-Apr-90	26.1	10.0	0.0	6.1	6.08	M	2.7	18.6	9.7	M	M	M	16	43
22-Apr-90	27.2	11.7	0.0	8.1	7.09	M	4.7	20.6	12.1	M	M	M	25	53
23-Apr-90	28.9	17.8	0.0	10.7	4.30	M	6.0	19.3	14.8	M	M	M	39	66
24-Apr-90	26.7	15.0	22.6	1.3	4.49	M	3.6	19.7	14.7	M	M	M	49	77
25-Apr-90	28.3	17.8	2.8	8.1	6.35	M	5.4	20.3	15.3	M	M	M	63	90
26-Apr-90	28.3	17.8	0.5	5.1	3.23	M	4.2	17.8	15.8	M	M	M	76	103
27-Apr-90	23.9	9.4	19.6	3.8	1.72	M	1.4	15.6	13.4	M	M	M	82	110
28-Apr-90	13.3	5.0	12.4	2.0	1.86	M	3.3	13.0	8.7	M	M	M	82	112
29-Apr-90	7.2	2.2	9.1	0.5	0.96	M	2.5	8.5	5.4	M	M	M	82	112
30-Apr-90	9.4	-1.1	3.0	4.1	4.98	M	4.9	8.6	3.7	M	M	M	82	112
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	15.6	2.3	84.6	M	5.04	M	3.5	10.3	4.9	M	M	M	82	112
01-May-90	8.3	0.0	0.0	4.1	5.55	M	4.5	8.4	3.4	M	M	M	82	112
02-May-90	15.6	-2.2	0.0	4.3	7.41	M	1.0	13.4	3.4	M	M	M	82	114
03-May-90	20.6	5.0	0.0	5.6	7.71	M	1.6	16.0	6.4	M	M	M	85	120
04-May-90	21.7	7.2	0.0	6.1	7.29	M	0.7	18.3	9.3	M	M	M	89	126
05-May-90	21.1	8.3	0.0	7.4	6.73	M	2.1	18.0	11.0	M	M	M	94	131
06-May-90	22.2	4.4	0.0	8.4	7.91	M	2.0	18.8	9.3	M	M	M	98	137
07-May-90	32.8	15.0	0.0	10.7	7.61	M	4.8	21.9	12.7	M	M	M	111	150
08-May-90	32.8	8.3	1.8	10.9	6.86	M	2.6	20.2	14.3	M	M	M	122	160
09-May-90	21.1	7.2	4.1	3.3	1.64	M	1.9	15.3	10.6	M	M	M	126	165
10-May-90	13.3	1.7	2.3	3.6	6.49	M	4.1	13.5	8.0	M	M	M	126	167
11-May-90	20.0	1.1	0.0	6.9	7.05	M	2.2	15.8	6.8	M	M	M	127	172
12-May-90	20.6	9.4	1.5	4.1	4.44	M	1.1	16.7	11.3	M	M	M	132	177
13-May-90	20.0	6.7	0.0	5.6	6.03	M	2.8	17.0	10.2	M	M	M	135	182
14-May-90	18.3	10.0	20.8	3.6	1.61	M	2.2	15.0	12.2	M	M	M	139	186
15-May-90	16.1	8.9	0.0	1.8	2.45	M	3.7	13.1	11.6	M	M	M	142	189
16-May-90	16.1	7.8	16.5	3.6	2.55	M	3.4	14.0	11.0	M	M	M	144	192
17-May-90	13.9	3.9	0.5	4.6	2.65	M	7.3	10.6	8.5	M	M	M	144	194
18-May-90	15.6	2.2	0.0	3.0	6.73	M	2.1	15.2	6.2	M	M	M	144	197
19-May-90	15.0	5.6	29.2	2.8	1.15	M	5.4	11.2	8.1	M	M	M	144	200
20-May-90	16.1	4.4	1.0	3.3	5.13	M	2.1	14.4	7.3	M	M	M	144	203
21-May-90	16.7	7.2	0.0	2.8	5.09	M	0.8	15.7	9.6	M	M	M	146	206
22-May-90	21.1	6.7	0.0	4.8	7.29	M	2.2	17.9	9.5	M	M	M	150	212
23-May-90	22.8	10.0	7.9	4.6	5.65	M	0.5	20.9	11.7	M	M	M	156	218
24-May-90	23.3	10.0	0.0	5.8	7.20	M	2.2	20.1	13.5	M	M	M	163	225
25-May-90	22.2	11.7	4.3	3.3	1.99	M	2.7	16.1	14.1	M	M	M	170	232
26-May-90	17.8	12.2	6.9	0.3	2.16	M	0.9	16.6	13.5	M	M	M	175	237
27-May-90	21.7	11.1	0.3	4.1	5.19	M	1.3	19.5	13.3	M	M	M	181	243
28-May-90	26.1	8.3	0.0	4.6	8.23	M	1.3	23.4	12.6	M	M	M	189	251
29-May-90	25.6	8.3	0.0	9.4	8.49	M	2.4	23.7	13.8	M	M	M	196	259
30-May-90	22.8	5.6	0.0	7.1	8.85	M	1.3	25.6	13.5	M	M	M	200	265
31-May-90	25.6	11.1	0.0	9.1	8.34	M	3.1	25.8	15.5	M	M	M	208	274
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	20.2	7.0	97.0	159.3	5.60	M	2.5	17.2	10.4	M	M	M	126	162

ST PAUL

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Jun-90	28.3	16.7	0.0	7.6	6.35	M	4.6	26.9	18.7	M	M	M	221	286
02-Jun-90	27.8	16.7	14.2	8.1	1.93	M	6.0	22.9	15.4	M	M	M	233	298
03-Jun-90	17.8	4.4	56.4	0.0	2.33	M	5.3	14.6	11.1	M	M	M	234	302
04-Jun-90	17.8	4.4	0.3	4.6	7.45	M	1.8	18.9	9.3	M	M	M	235	306
05-Jun-90	23.3	9.4	4.6	4.1	4.10	M	4.3	18.2	12.6	M	M	M	241	313
06-Jun-90	23.3	12.8	0.0	7.1	8.24	M	2.8	20.9	12.7	M	M	M	249	321
07-Jun-90	23.9	11.7	0.0	6.9	5.76	M	2.1	20.7	14.1	M	M	M	257	329
08-Jun-90	25.6	15.0	0.0	7.1	5.92	M	4.6	23.5	16.2	M	M	M	268	339
09-Jun-90	25.6	12.8	0.0	8.9	8.70	M	3.4	26.3	16.3	M	M	M	277	348
10-Jun-90	28.9	13.3	0.0	8.6	8.67	M	2.8	28.9	17.7	M	M	M	288	359
11-Jun-90	29.4	15.0	26.2	0.0	2.75	M	6.2	23.3	18.8	M	M	M	300	371
12-Jun-90	29.4	18.3	0.8	3.0	5.60	M	2.5	24.7	18.9	M	M	M	314	385
13-Jun-90	29.4	17.2	24.9	3.3	6.70	M	2.4	25.7	20.0	M	M	M	327	399
14-Jun-90	29.4	13.9	0.0	7.9	7.94	M	1.0	26.8	18.0	M	M	M	339	410
15-Jun-90	26.7	13.9	0.8	6.9	4.92	M	2.1	23.6	19.0	M	M	M	349	421
16-Jun-90	25.0	15.6	24.1	4.6	2.45	M	2.0	23.0	18.5	M	M	M	359	431
17-Jun-90	25.0	15.0	29.5	8.6	5.02	M	4.1	22.5	18.7	M	M	M	369	441
18-Jun-90	26.7	16.1	0.0	5.1	8.15	M	2.2	26.9	17.6	M	M	M	381	452
19-Jun-90	27.2	15.6	21.6	8.6	5.32	M	3.2	23.1	19.2	M	M	M	392	464
20-Jun-90	23.9	16.7	0.0	7.1	7.19	M	3.6	22.5	18.4	M	M	M	403	474
21-Jun-90	25.6	14.4	0.0	7.4	7.41	M	2.0	25.9	17.0	M	M	M	413	484
22-Jun-90	25.0	14.4	0.0	5.8	6.71	M	2.7	25.6	18.4	M	M	M	422	494
23-Jun-90	24.4	12.8	5.3	8.1	8.02	M	1.9	24.3	16.7	M	M	M	431	502
24-Jun-90	27.8	13.3	0.0	4.6	7.74	M	0.5	28.0	17.6	M	M	M	441	513
25-Jun-90	31.7	17.8	0.0	6.3	7.27	M	1.3	30.4	20.3	M	M	M	456	527
26-Jun-90	31.7	18.9	0.0	8.9	7.66	M	1.2	32.6	23.3	M	M	M	471	541
27-Jun-90	31.1	17.8	2.0	4.3	3.70	M	2.1	26.4	22.4	M	M	M	486	555
28-Jun-90	27.8	18.9	24.6	5.6	3.97	M	2.5	25.5	20.9	M	M	M	499	568
29-Jun-90	32.2	19.4	0.0	5.3	7.66	M	0.9	30.0	21.5	M	M	M	515	583
30-Jun-90	32.2	20.6	0.0	9.4	8.52	M	1.9	31.6	22.9	M	M	M	531	598

MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
26.8	14.8	235.2	183.9	6.14	M	2.8	24.8	17.7	M	M	M	323	324

01-Jul-90	29.4	16.7	0.0	8.6	7.37	M	2.4	30.1	22.6	M	M	M	544	611
02-Jul-90	30.6	19.4	0.0	8.4	7.49	M	3.4	31.3	23.2	M	M	M	559	626
03-Jul-90	38.9	21.7	0.0	9.7	7.84	M	3.7	33.9	24.5	M	M	M	580	642
04-Jul-90	38.9	20.6	0.0	9.1	4.24	M	2.1	29.7	24.8	M	M	M	599	657
05-Jul-90	25.0	15.0	0.0	6.6	6.82	M	2.1	30.1	21.5	M	M	M	609	667
06-Jul-90	25.6	12.2	0.0	8.6	8.29	M	3.0	29.8	21.2	M	M	M	618	676
07-Jul-90	26.1	15.6	10.7	9.4	5.40	M	4.5	25.3	21.9	M	M	M	629	687
08-Jul-90	28.3	17.2	23.4	4.1	6.15	M	3.3	27.4	22.9	M	M	M	642	700
09-Jul-90	27.2	16.1	0.0	6.9	6.34	M	0.7	26.5	20.8	M	M	M	654	711
10-Jul-90	26.7	17.8	0.0	5.6	4.98	M	0.6	25.7	21.1	M	M	M	666	724
11-Jul-90	25.0	15.0	13.5	2.8	1.95	M	0.9	22.6	18.7	M	M	M	676	734
12-Jul-90	22.2	11.7	2.5	5.1	7.38	M	2.4	22.7	16.4	M	M	M	683	741
13-Jul-90	23.9	8.9	0.0	5.6	8.31	M	0.4	25.6	15.6	M	M	M	689	747
14-Jul-90	26.1	13.3	0.0	5.3	6.51	M	1.1	25.2	18.1	M	M	M	699	757
15-Jul-90	27.8	13.9	0.0	5.1	6.49	M	0.9	27.8	18.8	M	M	M	710	768
16-Jul-90	28.9	17.8	0.0	7.6	7.43	M	1.1	30.8	21.2	M	M	M	723	781
17-Jul-90	30.6	17.8	15.5	9.1	6.90	M	3.5	26.8	22.7	M	M	M	737	795
18-Jul-90	30.6	16.7	0.0	7.1	7.78	M	1.2	31.3	21.0	M	M	M	751	809
19-Jul-90	31.1	18.3	10.9	7.1	5.83	M	1.2	28.6	23.1	M	M	M	766	823
20-Jul-90	26.7	13.9	0.0	6.9	6.55	M	1.1	27.4	19.8	M	M	M	776	833
21-Jul-90	25.6	15.0	0.0	6.1	6.12	M	1.5	27.6	20.5	M	M	M	786	843
22-Jul-90	24.4	14.4	0.5	6.6	6.30	M	1.8	26.9	20.6	M	M	M	796	853
23-Jul-90	26.1	12.2	0.0	6.1	6.73	M	0.6	28.1	19.0	M	M	M	805	862
24-Jul-90	27.2	15.0	0.0	5.8	6.11	M	2.1	28.0	20.6	M	M	M	816	873
25-Jul-90	28.9	17.8	6.3	5.8	3.97	M	3.1	24.5	21.9	M	M	M	829	886
26-Jul-90	26.7	17.8	63.8	1.3	1.31	M	3.5	22.3	20.2	M	M	M	841	899
27-Jul-90	26.7	17.2	14.2	2.0	2.76	M	2.5	24.2	20.2	M	M	M	853	911
28-Jul-90	30.0	18.9	13.2	4.1	6.34	M	1.1	27.3	21.2	M	M	M	868	925
29-Jul-90	28.9	20.0	0.0	5.1	6.34	M	M	26.4	22.3	M	M	M	882	939
30-Jul-90	27.2	15.0	0.0	7.6	7.35	M	M	27.7	19.0	M	M	M	893	951
31-Jul-90	24.4	11.7	0.0	6.1	6.66	M	M	28.2	18.7	M	M	M	901	959

MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
27.9	15.9	174.5	195.3	6.13	M	2.0	27.4	20.8	M	M	M	370	361

## ST PAUL

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Aug-90	26.1	13.3	0.0	6.9	7.07	M	M	28.6	19.7	M	M	M	911	968
02-Aug-90	28.3	17.2	17.3	0.0	5.24	M	M	28.3	21.2	M	M	M	924	981
03-Aug-90	29.4	18.3	1.3	2.8	4.81	M	M	27.6	21.6	M	M	M	938	995
04-Aug-90	29.4	16.1	4.1	8.6	6.97	M	M	25.0	20.8	M	M	M	951	1008
05-Aug-90	23.3	12.8	0.0	7.6	6.99	M	M	26.5	17.7	M	M	M	959	1016
06-Aug-90	26.7	11.7	0.0	7.4	7.45	M	M	28.8	17.9	M	M	M	968	1025
07-Aug-90	26.7	12.8	0.0	6.1	7.38	M	M	29.6	19.4	M	M	M	978	1035
08-Aug-90	26.7	14.4	0.0	7.6	7.56	M	M	29.8	20.4	M	M	M	988	1045
09-Aug-90	28.3	16.7	0.0	6.1	5.92	M	M	29.9	21.5	M	M	M	1001	1058
10-Aug-90	28.9	13.9	0.0	7.6	5.95	M	M	30.0	21.7	M	M	M	1012	1069
11-Aug-90	29.4	11.7	0.0	6.1	6.42	M	M	29.7	21.0	M	M	M	1023	1080
12-Aug-90	22.8	13.3	0.3	4.1	4.19	M	M	25.6	20.9	M	M	M	1031	1088
13-Aug-90	25.0	9.4	0.0	6.1	6.68	M	M	28.7	18.2	M	M	M	1038	1095
14-Aug-90	30.0	20.0	0.0	5.8	6.20	M	M	29.9	21.4	M	M	M	1053	1110
15-Aug-90	30.0	15.0	0.0	6.3	7.14	M	M	31.5	22.3	M	M	M	1065	1123
16-Aug-90	30.6	15.6	0.0	6.9	6.15	M	M	31.0	22.9	M	M	M	1078	1136
17-Aug-90	30.0	20.0	0.0	4.6	3.51	M	M	29.2	24.7	M	M	M	1093	1151
18-Aug-90	27.8	18.3	19.6	8.6	1.54	M	M	26.3	20.7	M	M	M	1106	1164
19-Aug-90	21.7	13.9	0.3	2.5	0.94	M	M	20.3	18.0	M	M	M	1114	1171
20-Aug-90	18.3	13.3	0.0	1.5	1.11	M	M	19.0	17.3	M	M	M	1120	1177
21-Aug-90	25.6	14.4	0.0	3.3	5.27	M	M	25.0	17.5	M	M	M	1130	1187
22-Aug-90	26.7	13.3	0.0	5.3	5.81	M	M	26.9	18.2	M	M	M	1140	1197
23-Aug-90	26.1	18.3	0.3	4.3	1.87	M	M	23.0	21.2	M	M	M	1152	1209
24-Aug-90	28.9	20.6	0.0	2.3	3.67	M	M	26.7	21.6	M	M	M	1167	1224
25-Aug-90	31.7	17.8	3.8	4.8	5.93	M	M	29.3	21.8	M	M	M	1182	1238
26-Aug-90	31.7	17.8	8.6	7.6	5.92	M	M	28.4	22.7	M	M	M	1196	1252
27-Aug-90	30.6	21.1	0.0	4.6	4.32	M	M	29.1	23.4	M	M	M	1212	1268
28-Aug-90	30.0	18.3	0.0	4.6	3.87	M	M	27.6	22.7	M	M	M	1226	1282
29-Aug-90	26.7	15.6	0.0	5.3	5.99	M	M	29.7	20.4	M	M	M	1238	1293
30-Aug-90	29.4	12.8	0.0	6.9	6.57	M	M	30.2	20.4	M	M	M	1249	1304
31-Aug-90	28.9	18.3	0.0	7.1	5.40	M	M	30.4	22.7	M	M	M	1262	1318
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	27.6	15.7	55.4	169.4	5.29	M	M	27.8	20.7	M	M	M	361	359
01-Sep-90	30.6	17.2	0.0	6.6	6.36	M	M	32.1	22.6	M	M	M	1276	1331
02-Sep-90	30.6	13.9	0.0	6.6	5.99	M	M	31.0	22.2	M	M	M	1288	1343
03-Sep-90	28.3	17.2	10.4	4.3	3.30	M	M	25.5	22.4	M	M	M	1301	1356
04-Sep-90	30.0	21.7	0.0	4.8	5.00	M	M	28.2	22.4	M	M	M	1317	1372
05-Sep-90	29.4	18.3	0.0	4.6	4.85	M	M	29.3	22.1	M	M	M	1331	1386
06-Sep-90	30.0	21.7	0.0	6.1	4.47	M	M	30.3	24.1	M	M	M	1347	1401
07-Sep-90	26.1	14.4	13.2	7.9	4.47	M	M	25.1	20.7	M	M	M	1357	1412
08-Sep-90	25.6	13.9	0.0	3.8	3.79	M	M	24.9	19.6	M	M	M	1367	1421
09-Sep-90	27.8	15.0	0.0	3.3	4.60	M	M	27.1	19.1	M	M	M	1378	1433
10-Sep-90	27.8	13.3	0.0	5.1	5.54	M	M	27.9	19.5	M	M	M	1389	1443
11-Sep-90	30.6	13.3	0.0	4.3	5.16	M	3.2	28.2	19.1	M	M	M	1401	1455
12-Sep-90	32.2	20.6	0.0	7.4	5.63	M	2.5	30.9	22.4	M	M	M	1417	1470
13-Sep-90	32.2	20.0	0.0	10.2	5.52	M	4.3	30.1	23.3	M	M	M	1433	1485
14-Sep-90	30.0	12.2	2.0	6.9	2.59	M	3.4	24.6	18.0	M	M	M	1444	1496
15-Sep-90	22.8	8.3	0.0	3.6	4.59	M	3.0	23.2	15.5	M	M	M	1450	1503
16-Sep-90	22.2	7.8	0.0	4.1	2.89	M	1.6	19.8	15.5	M	M	M	1455	1509
17-Sep-90	17.8	5.0	0.0	2.3	4.41	M	2.1	20.6	13.2	M	M	M	1456	1513
18-Sep-90	16.7	10.0	4.3	2.5	0.87	M	1.7	16.5	14.8	M	M	M	1459	1516
19-Sep-90	20.6	8.9	1.0	0.8	5.20	M	1.6	20.0	13.1	M	M	M	1464	1521
20-Sep-90	21.1	8.3	2.8	3.8	2.86	M	1.7	18.1	13.1	M	M	M	1469	1527
21-Sep-90	17.2	10.6	9.1	3.6	3.87	M	4.6	16.7	13.1	M	M	M	1473	1531
22-Sep-90	15.6	6.1	0.0	3.3	1.86	M	5.2	12.7	10.6	M	M	M	1474	1534
23-Sep-90	13.9	2.2	0.0	3.3	5.39	M	2.8	15.9	8.1	M	M	M	1474	1536
24-Sep-90	25.6	5.0	0.0	4.6	5.42	M	2.2	19.7	9.4	M	M	M	1479	1543
25-Sep-90	28.3	11.7	0.0	6.9	5.24	M	2.5	22.6	13.4	M	M	M	1489	1553
26-Sep-90	27.2	7.2	0.0	4.6	4.74	M	1.1	22.7	13.7	M	M	M	1496	1562
27-Sep-90	26.1	14.4	0.0	4.8	2.21	M	1.7	19.5	16.6	M	M	M	1506	1572
28-Sep-90	18.3	6.1	0.0	4.3	4.70	M	1.9	20.3	13.2	M	M	M	1509	1576
29-Sep-90	16.1	3.9	0.0	3.0	3.41	M	1.2	17.6	12.6	M	M	M	1509	1579
30-Sep-90	18.3	0.6	0.0	3.0	4.60	M	1.6	18.3	10.0	M	M	M	1509	1584
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	24.6	11.6	42.9	140.2	4.32	M	M	23.3	16.8	M	M	M	247	266

## ST PAUL

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Oct-90	20.6	6.7	0.3	6.6	4.95	M	2.9	19.6	12.2	M	M	M	1512	1589
02-Oct-90	25.0	5.6	0.0	5.3	3.53	M	4.1	19.5	11.6	M	M	M	1517	1596
03-Oct-90	24.4	10.0	17.8	6.3	1.57	M	4.4	18.1	12.3	M	M	M	1525	1604
04-Oct-90	18.9	6.1	0.0	5.6	4.76	M	4.2	14.1	9.7	M	M	M	1527	1608
05-Oct-90	27.8	8.3	0.0	3.6	2.78	M	1.2	19.6	11.0	M	M	M	1535	1617
06-Oct-90	27.2	10.6	0.0	4.6	2.78	M	3.4	16.4	12.8	M	M	M	1544	1626
07-Oct-90	11.7	2.2	0.0	4.3	4.34	M	1.7	15.8	10.0	M	M	M	1544	1627
08-Oct-90	11.1	3.9	0.0	2.5	1.83	M	0.6	12.6	10.2	M	M	M	1544	1627
09-Oct-90	11.7	-1.1	0.0	2.3	4.57	M	0.7	14.4	7.1	M	M	M	1544	1628
10-Oct-90	11.7	-3.3	0.0	2.0	4.56	M	0.7	13.8	5.9	M	M	M	1544	1629
11-Oct-90	17.2	0.6	0.0	2.3	3.61	M	1.8	14.4	6.6	M	M	M	1544	1633
12-Oct-90	16.7	1.1	5.6	3.3	4.17	M	0.9	14.6	8.1	M	M	M	1544	1636
13-Oct-90	17.2	5.0	0.0	3.8	3.32	M	2.8	12.9	8.2	M	M	M	1545	1639
14-Oct-90	16.1	5.6	3.6	3.8	3.73	M	3.0	13.4	9.2	M	M	M	1546	1643
15-Oct-90	15.0	2.8	0.0	4.3	3.63	M	2.3	13.0	6.6	M	M	M	1546	1645
16-Oct-90	13.3	3.9	0.0	2.3	1.86	M	1.8	11.5	7.9	M	M	M	1546	1647
17-Oct-90	15.0	5.0	0.5	1.8	0.46	M	4.6	11.5	7.7	M	M	M	1546	1649
18-Oct-90	6.1	-1.1	2.0	0.0	3.07	M	3.7	8.9	5.4	M	M	M	1546	1649
19-Oct-90	11.1	-2.8	0.0	2.0	2.65	M	4.0	7.8	3.9	M	M	M	1546	1650
20-Oct-90	10.6	3.9	3.3	0.3	0.50	M	1.6	7.5	5.5	M	M	M	1546	1650
21-Oct-90	8.3	0.6	6.6	1.3	3.63	M	3.1	9.5	5.0	M	M	M	1546	1650
22-Oct-90	13.9	-1.7	0.0	2.3	2.67	M	2.4	8.6	3.8	M	M	M	1546	1652
23-Oct-90	16.7	3.9	0.0	3.0	3.55	M	2.5	11.6	6.8	M	M	M	1546	1655
24-Oct-90	12.8	0.0	0.0	3.6	2.98	M	2.0	9.1	4.4	M	M	M	1546	1657
25-Oct-90	11.1	-4.4	0.0	1.8	3.08	M	1.8	8.7	3.5	M	M	M	1546	1657
26-Oct-90	18.9	2.8	0.0	3.3	3.36	M	3.3	11.2	4.8	M	M	M	1547	1662
27-Oct-90	18.9	6.7	0.0	6.1	2.58	M	6.3	10.8	7.3	M	M	M	1550	1666
28-Oct-90	11.1	-4.4	0.0	3.0	3.37	M	1.7	9.6	4.2	M	M	M	1550	1667
29-Oct-90	16.7	3.9	0.0	3.3	3.26	M	2.1	11.7	5.4	M	M	M	1550	1670
30-Oct-90	18.3	2.2	0.0	2.8	3.17	M	0.7	12.6	6.2	M	M	M	1551	1674
31-Oct-90	20.0	3.3	0.0	2.0	2.97	M	2.0	12.7	6.5	M	M	M	1552	1679
MEAN	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
16.0	2.8		39.6	99.6	3.14	M	2.5	12.8	7.4	M	M	M	43	95

STAPLES

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Apr-90	* 13.9	-1.7	0.0	M	M	M	M	M	M	M	M	M	0	2
02-Apr-90	* 11.7	1.7	2.8	M	M	M	M	M	M	M	M	M	0	3
03-Apr-90	* 3.3	-6.7	5.6	M	M	M	M	M	M	M	M	M	0	3
04-Apr-90	* 0.0	-7.2	0.0	M	M	M	M	M	M	M	M	M	0	3
05-Apr-90	* 10.6	-3.3	0.0	M	M	M	M	M	M	M	M	M	0	3
06-Apr-90	* -3.3	-11.7	0.0	M	M	M	M	M	M	M	M	M	0	3
07-Apr-90	* -3.9	-12.8	0.0	M	M	M	M	M	M	M	M	M	0	3
08-Apr-90	* 0.0	-10.0	0.0	M	M	M	M	M	M	M	M	M	0	3
09-Apr-90	* 10.0	-7.2	0.0	M	M	M	M	M	M	M	M	M	0	3
10-Apr-90	* 11.1	1.1	0.0	M	M	M	M	M	M	M	M	M	0	4
11-Apr-90	* 5.6	-3.3	0.0	M	M	M	M	M	M	M	M	M	0	4
12-Apr-90	* 0.0	-6.1	0.0	M	M	M	M	M	M	M	M	M	0	4
13-Apr-90	* 3.3	-9.4	0.0	M	M	M	M	M	M	M	M	M	0	4
14-Apr-90	* 8.9	-6.7	0.0	M	M	M	M	M	M	M	M	M	0	4
15-Apr-90	* 16.7	-7.2	0.0	M	M	M	M	M	M	M	M	M	0	7
16-Apr-90	3.1	-3.9	1.3	M	0.96	331	5.8	5.9	1.0	50	43	0.27	0	7
17-Apr-90	9.8	-8.9	0.0	M	6.97	281	3.7	7.6	0.0	75	20	0.25	0	7
18-Apr-90	16.7	-2.7	0.0	6.6	6.86	192	5.7	10.7	0.3	69	24	0.39	0	10
19-Apr-90	20.9	6.1	0.0	8.6	6.36	195	5.7	14.3	3.5	77	27	0.72	4	16
20-Apr-90	23.8	2.7	0.0	6.1	7.00	54	2.1	17.4	4.6	88	15	0.63	7	23
21-Apr-90	27.4	2.2	0.0	7.4	6.70	188	2.3	18.5	4.9	86	17	0.80	12	31
22-Apr-90	28.4	9.4	0.0	9.4	6.34	173	6.1	18.9	8.6	75	22	1.03	21	41
23-Apr-90	29.0	14.7	0.8	5.8	3.87	162	6.9	18.8	11.9	85	42	1.59	32	52
24-Apr-90	27.6	12.7	1.3	4.1	3.77	163	4.1	20.0	11.9	87	39	1.61	43	63
25-Apr-90	26.9	15.2	5.6	5.8	4.29	191	5.1	19.2	12.6	86	48	1.73	54	74
26-Apr-90	24.0	6.7	7.6	1.3	2.33	291	3.4	17.7	10.8	88	57	1.29	59	81
27-Apr-90	7.4	3.6	10.7	3.6	1.36	24	3.6	10.8	7.7	89	84	0.81	59	81
28-Apr-90	5.2	0.4	4.1	0.0	2.16	309	4.3	8.5	4.3	88	83	0.65	59	81
29-Apr-90	2.2	-4.8	8.9	0.0	2.41	314	2.9	4.3	1.7	91	60	0.50	59	81
30-Apr-90	3.9	-5.4	0.0	3.3	5.41	258	5.6	6.0	1.4	92	55	0.46	59	81
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	11.5	-1.4	48.5	M	M	M	M	M	M	M	M	M	59	81
01-May-90	7.5	-2.7	0.0	3.3	6.06	289	4.9	10.3	1.1	86	44	0.46	59	81
02-May-90	15.6	-2.9	0.0	3.8	6.77	207	2.1	16.5	1.3	91	34	0.58	59	83
03-May-90	21.9	-0.3	0.0	5.8	6.68	175	2.1	19.8	3.0	89	18	0.60	60	89
04-May-90	21.7	7.5	0.0	5.8	6.36	332	2.5	21.6	7.4	68	25	0.74	64	95
05-May-90	18.9	3.5	0.0	9.4	6.76	344	3.3	20.5	7.0	85	17	0.51	65	100
06-May-90	23.2	-1.0	0.0	5.6	7.69	243	3.1	23.0	5.4	88	15	0.54	67	106
07-May-90	30.6	8.4	2.0	10.4	6.44	189	4.7	24.3	9.7	80	16	0.91	76	116
08-May-90	19.7	8.8	0.0	7.4	6.87	309	4.1	23.2	11.8	87	20	0.76	80	121
09-May-90	10.5	3.6	0.0	4.3	4.52	353	4.4	17.8	10.5	79	43	0.64	80	121
10-May-90	14.6	0.1	0.0	7.1	7.91	340	4.7	20.2	6.9	87	17	0.43	80	124
11-May-90	20.6	-1.6	0.0	6.1	6.30	235	3.2	21.1	5.9	90	16	0.45	80	129
12-May-90	20.4	4.6	0.0	7.9	7.56	47	2.4	24.2	8.8	75	18	0.57	83	134
13-May-90	19.4	6.2	4.8	2.8	4.20	196	4.2	18.6	11.1	87	37	0.93	86	139
14-May-90	15.5	8.7	3.6	2.5	2.26	50	2.7	16.0	12.0	87	74	1.08	88	142
15-May-90	13.4	5.8	3.6	2.0	2.10	98	4.6	13.3	9.9	87	76	0.98	88	143
16-May-90	15.8	6.9	2.3	2.0	2.48	269	4.3	14.3	9.5	86	67	0.98	89	146
17-May-90	8.3	1.2	0.5	1.3	2.73	308	8.8	9.9	5.8	90	77	0.74	89	146
18-May-90	15.3	0.6	0.0	6.3	4.84	346	2.9	16.9	4.4	91	44	0.73	89	149
19-May-90	11.0	7.1	1.5	0.5	2.44	87	5.0	11.5	8.7	85	57	0.81	89	149
20-May-90	19.4	2.7	0.0	6.9	7.97	93	3.8	22.5	5.3	83	31	0.75	90	154
21-May-90	17.7	7.3	0.5	2.5	3.27	153	2.5	17.9	9.9	84	49	0.97	93	158
22-May-90	21.7	6.0	17.8	4.8	4.26	173	3.3	19.4	8.8	88	47	1.17	96	164
23-May-90	24.2	3.1	0.0	4.6	5.88	121	2.3	23.3	9.6	90	38	1.05	100	171
24-May-90	23.1	9.0	0.0	7.9	7.63	99	4.4	24.6	10.9	84	33	1.00	106	177
25-May-90	22.5	9.5	9.9	1.8	2.46	96	4.2	16.9	11.9	92	52	1.22	112	184
26-May-90	12.6	7.3	6.9	0.3	0.75	81	2.1	13.4	11.3	100	83	1.16	112	185
27-May-90	24.6	-0.4	0.0	5.6	7.26	337	2.1	22.7	9.6	100	37	1.14	114	192
28-May-90	26.7	10.2	0.0	5.6	5.36	57	2.5	21.0	11.4	91	30	1.27	123	201
29-May-90	22.0	6.2	0.0	7.1	8.24	104	3.8	26.2	10.3	80	37	0.88	127	207
30-May-90	23.8	3.3	0.0	7.9	8.53	150	2.6	27.1	10.3	89	25	0.87	130	214
31-May-90	24.5	9.1	0.0	7.4	6.34	172	3.8	26.2	13.1	81	36	1.15	137	221
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	18.9	4.4	53.3	156.7	5.45	195	3.6	19.5	8.5	86	39	0.84	78	140

STAPLES

DATE	AIR MAX	AIR MIN	PRK	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Jun-90	27.6	16.4	2.0	6.3	5.68	167	5.5	26.6	16.9	89	57	1.89	149	233
02-Jun-90	23.4	4.3	33.3	3.8	1.38	281	5.4	20.4	11.0	99	76	1.63	153	239
03-Jun-90	14.7	2.6	0.8	3.8	4.07	331	6.4	14.8	8.4	100	57	0.89	153	242
04-Jun-90	19.2	1.3	10.4	7.6	8.05	173	2.6	21.8	7.6	100	47	0.98	153	246
05-Jun-90	22.3	7.4	2.5	8.6	6.43	259	5.9	20.8	12.0	100	40	1.24	158	253
06-Jun-90	24.0	10.1	0.0	6.9	7.09	281	4.5	23.2	11.8	97	40	1.25	165	260
07-Jun-90	24.8	6.5	2.0	5.6	4.58	170	2.4	22.3	11.9	99	43	1.41	171	267
08-Jun-90	22.5	12.5	0.0	7.6	6.05	279	7.0	21.5	14.1	97	47	1.47	178	274
09-Jun-90	26.7	8.5	0.0	7.6	8.32	312	3.8	27.4	13.2	99	40	1.41	186	283
10-Jun-90	29.0	12.9	14.7	11.7	7.86	148	3.7	29.6	16.2	93	43	1.70	197	294
11-Jun-90	22.1	13.7	2.0	2.8	2.27	144	6.6	22.3	17.9	98	62	1.92	205	302
12-Jun-90	29.6	15.7	0.0	6.6	6.85	234	2.4	27.6	17.7	97	56	2.21	217	314
13-Jun-90	28.2	15.8	0.0	8.6	7.94	245	4.1	29.4	18.2	95	45	1.85	229	326
14-Jun-90	24.0	8.6	0.5	4.8	4.61	292	2.7	24.1	16.2	99	44	1.44	236	333
15-Jun-90	14.8	10.7	6.9	1.0	1.15	76	2.6	19.2	15.5	99	93	1.46	238	336
16-Jun-90	17.9	9.8	7.1	2.3	2.85	79	3.6	20.0	14.7	100	92	1.50	242	340
17-Jun-90	22.6	8.4	14.2	1.0	2.27	271	3.9	19.4	14.8	100	87	1.53	248	346
18-Jun-90	27.7	10.6	2.0	9.1	7.95	280	2.3	28.3	15.3	99	53	1.90	257	355
19-Jun-90	23.5	15.4	3.0	5.6	4.71	246	4.4	23.9	18.4	96	73	1.95	266	365
20-Jun-90	22.6	13.3	5.1	5.6	4.77	287	4.9	22.4	16.0	97	70	1.70	274	373
21-Jun-90	24.1	10.3	2.8	4.3	5.24	291	3.2	24.4	14.4	98	61	1.64	281	380
22-Jun-90	22.9	9.9	0.3	5.8	6.78	346	3.2	24.3	13.9	98	56	1.55	288	386
23-Jun-90	24.6	10.2	0.0	6.3	7.53	317	2.8	27.6	14.0	97	51	1.54	295	394
24-Jun-90	26.4	9.3	0.0	5.6	7.01	247	1.4	29.0	15.3	98	41	1.60	303	402
25-Jun-90	32.2	11.4	0.0	7.9	7.27	233	2.6	32.1	17.4	98	50	2.10	315	413
26-Jun-90	31.6	13.9	3.6	8.6	7.69	342	1.7	33.0	19.5	97	38	1.91	328	425
27-Jun-90	23.0	15.5	3.6	1.8	2.04	124	3.2	24.7	20.0	97	84	2.05	337	434
28-Jun-90	27.5	14.7	0.5	4.3	4.98	149	2.9	27.7	18.9	98	80	2.34	348	445
29-Jun-90	30.7	8.7	0.0	5.6	5.74	269	2.3	31.4	19.7	99	60	2.10	358	455
30-Jun-90	28.8	13.7	0.0	8.4	8.06	341	2.7	33.1	20.2	96	48	1.93	369	466

MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
24.6	10.7	117.3	175.8	5.57	240	3.7	25.1	15.4	98	58	1.67	232	245	

01-Jul-90	28.7	10.3	0.0	5.8	5.89	148	2.6	30.7	19.4	97	61	2.03	378	476
02-Jul-90	31.6	11.6	0.0	6.9	6.06	148	3.0	30.6	20.5	98	66	2.48	390	487
03-Jul-90	36.4	21.8	0.0	10.9	7.61	207	5.3	33.1	23.3	91	48	2.82	409	503
04-Jul-90	29.6	15.2	0.0	9.1	6.83	301	3.9	31.0	22.2	95	37	1.77	421	515
05-Jul-90	23.2	11.0	0.0	4.8	5.90	343	2.6	27.7	19.6	96	57	1.53	429	522
06-Jul-90	25.1	7.2	0.5	7.9	7.45	141	4.0	29.2	18.3	98	57	1.55	435	530
07-Jul-90	24.9	14.2	5.3	3.0	2.19	140	4.3	24.9	21.3	97	81	2.19	444	539
08-Jul-90	25.8	14.6	0.0	8.1	7.10	311	3.9	30.2	20.7	96	58	1.96	455	549
09-Jul-90	27.7	9.4	0.0	7.4	7.47	306	2.2	32.3	17.9	97	46	1.68	463	558
10-Jul-90	26.2	12.3	25.7	3.6	3.55	68	1.1	27.2	20.0	95	55	1.73	472	567
11-Jul-90	19.0	11.6	17.5	1.8	1.74	93	1.8	23.2	19.0	97	91	1.66	478	573
12-Jul-90	22.9	6.9	0.0	6.3	7.83	57	2.0	26.9	15.1	97	46	1.35	483	579
13-Jul-90	26.5	5.8	0.0	4.8	7.79	281	1.1	31.9	14.9	97	45	1.43	489	588
14-Jul-90	27.2	7.2	0.0	7.1	7.80	245	1.1	33.3	16.9	97	41	1.45	496	596
15-Jul-90	28.5	7.7	0.0	6.1	6.72	289	1.6	32.8	17.9	97	41	1.60	504	605
16-Jul-90	28.1	11.4	4.6	8.1	7.67	237	1.7	33.9	19.4	96	39	1.60	514	615
17-Jul-90	29.8	14.4	0.0	5.3	7.30	247	4.0	32.7	20.8	96	60	2.22	526	627
18-Jul-90	29.2	11.2	0.0	5.3	6.50	290	1.7	30.9	18.8	96	45	1.80	536	637
19-Jul-90	25.5	13.8	0.0	8.1	6.59	12	1.6	30.1	20.5	95	46	1.71	546	647
20-Jul-90	23.4	9.2	0.0	3.3	4.13	324	1.7	26.7	18.9	97	66	1.57	552	654
21-Jul-90	23.1	8.7	0.0	4.1	4.75	323	1.7	26.8	18.0	97	56	1.47	558	660
22-Jul-90	21.9	8.9	6.9	5.6	5.55	326	2.2	24.0	17.3	96	63	1.51	563	666
23-Jul-90	26.2	7.8	0.0	3.0	7.32	274	1.4	30.2	14.7	97	41	1.50	570	674
24-Jul-90	27.4	8.9	0.0	7.6	7.41	154	2.6	32.1	16.7	97	46	1.73	578	683
25-Jul-90	24.3	12.6	2.0	4.8	3.19	136	3.2	25.8	19.7	96	84	2.06	587	692
26-Jul-90	20.3	13.1	2.0	1.0	0.99	132	4.7	21.2	19.2	95	92	1.91	594	698
27-Jul-90	25.4	6.3	0.0	1.0	2.17	137	3.2	24.2	18.8	100	88	1.78	600	706
28-Jul-90	30.0	9.6	1.5	6.9	6.29	195	2.2	33.1	19.8	98	70	2.25	609	716
29-Jul-90	26.1	14.2	0.0	5.3	6.56	344	3.3	30.6	19.8	93	50	1.79	619	726
30-Jul-90	23.9	9.2	0.0	5.1	5.75	344	2.2	28.9	17.0	95	46	1.36	626	733
31-Jul-90	26.2	5.2	0.0	6.6	7.50	219	1.8	32.2	16.0	96	39	1.33	632	741

MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
26.3	10.7	66.0	175.0	5.86	218	2.6	29.3	18.8	96	57	1.77	263	275	

## STAPLES

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Aug-90	28.2	12.7	0.0	6.1	7.16	174	4.5	31.4	18.3	94	58	1.90	642	752
02-Aug-90	27.1	15.6	0.0	6.6	5.09	180	3.5	28.9	20.3	94	75	2.22	653	763
03-Aug-90	32.2	11.2	0.0	2.5	4.91	196	1.9	34.0	21.4	98	52	1.95	665	774
04-Aug-90	23.3	13.3	0.3	8.6	6.72	341	3.7	28.2	19.8	93	48	1.50	673	782
05-Aug-90	24.5	8.4	0.0	8.6	7.13	12	2.2	29.7	17.5	95	39	1.23	680	789
06-Aug-90	28.0	5.6	0.0	6.3	7.07	227	1.5	30.6	17.6	96	34	1.29	687	798
07-Aug-90	27.5	9.1	0.0	7.4	7.18	181	2.5	30.4	18.7	95	44	1.55	695	807
08-Aug-90	28.7	11.6	0.0	4.8	7.12	195	2.9	30.6	19.3	94	43	1.67	705	817
09-Aug-90	29.9	13.6	0.0	4.6	6.45	337	1.8	31.4	20.6	94	33	1.61	717	829
10-Aug-90	25.9	10.1	0.0	7.4	4.67	341	2.2	27.9	19.8	95	47	1.45	725	837
11-Aug-90	20.8	6.1	3.6	3.8	4.82	23	2.1	25.9	17.0	96	46	1.15	728	842
12-Aug-90	22.2	9.4	0.0	3.8	4.94	64	1.7	28.1	17.4	95	58	1.40	734	848
13-Aug-90	24.5	4.3	0.0	5.8	6.15	203	2.2	28.4	15.1	97	52	1.41	739	856
14-Aug-90	28.0	12.8	0.0	6.1	5.89	336	2.0	30.6	18.6	94	42	1.67	749	866
15-Aug-90	28.1	7.0	0.0	6.1	6.80	130	1.5	31.1	17.2	96	37	1.33	757	875
16-Aug-90	32.5	12.0	0.0	6.1	6.56	195	2.6	32.2	19.1	94	51	2.15	769	886
17-Aug-90	30.6	13.1	0.0	3.3	3.73	129	2.7	30.2	22.3	99	73	2.36	781	898
18-Aug-90	22.2	13.6	7.6	3.3	1.97	79	4.6	25.5	17.1	94	74	1.74	789	906
19-Aug-90	14.6	12.1	0.3	3.3	1.15	80	4.0	17.9	15.9	93	78	1.39	792	909
20-Aug-90	19.3	11.2	0.0	1.3	1.93	81	2.5	20.2	14.8	93	86	1.54	797	914
21-Aug-90	24.3	12.4	0.0	2.3	3.13	117	1.6	26.1	16.8	94	72	1.78	805	922
22-Aug-90	26.4	7.7	8.1	6.3	5.44	158	2.7	28.8	16.0	97	67	1.80	813	931
23-Aug-90	26.6	14.9	0.0	0.8	3.68	175	3.4	26.2	19.6	94	80	2.17	823	941
24-Aug-90	26.9	17.4	0.5	8.6	3.08	154	2.5	25.7	20.8	93	80	2.32	835	953
25-Aug-90	32.2	15.4	21.3	8.1	5.77	157	2.2	33.3	19.7	93	51	2.22	849	966
26-Aug-90	29.0	15.2	0.0	2.5	5.89	119	2.3	29.7	19.6	94	62	2.19	861	978
27-Aug-90	31.6	18.3	0.0	6.9	4.59	356	1.6	30.3	20.6	92	64	2.46	876	992
28-Aug-90	26.5	13.0	0.0	3.0	5.41	298	2.0	30.1	18.7	93	49	1.71	886	1002
29-Aug-90	28.0	10.5	0.0	5.1	6.20	242	1.3	32.6	17.1	94	33	1.41	895	1011
30-Aug-90	31.0	11.4	0.0	8.1	6.15	170	2.2	33.3	18.1	94	42	1.94	906	1022
31-Aug-90	31.8	17.2	0.0	6.6	5.43	222	3.3	33.1	21.8	91	30	2.09	921	1036
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	26.9	11.8	41.7	164.3	5.23	183	2.5	29.1	18.6	94	55	1.76	289	295
01-Sep-90	28.2	13.2	0.0	7.1	6.16	312	2.3	31.3	18.7	90	35	1.46	932	1046
02-Sep-90	27.3	9.4	17.8	6.9	5.84	131	2.7	30.9	18.0	94	51	1.69	940	1055
03-Sep-90	24.0	15.8	0.5	1.8	1.67	155	4.1	23.3	19.9	94	85	2.16	950	1065
04-Sep-90	28.0	15.1	0.8	7.4	3.93	16	2.2	27.2	19.9	92	50	2.08	961	1077
05-Sep-90	28.7	13.2	1.8	1.0	3.70	143	2.2	27.0	17.7	92	77	2.21	972	1087
06-Sep-90	29.0	16.4	8.6	5.8	4.27	13	2.0	28.4	20.6	92	63	2.14	985	1100
07-Sep-90	23.1	10.9	0.3	4.8	5.59	89	2.7	26.8	17.2	94	70	1.66	992	1107
08-Sep-90	25.3	8.5	0.3	3.0	4.71	182	2.4	25.2	15.1	99	68	1.62	999	1115
09-Sep-90	27.3	12.4	0.0	4.1	4.73	63	1.9	27.7	17.0	92	48	1.60	1009	1125
10-Sep-90	23.3	10.2	0.0	4.6	5.33	80	1.5	27.9	15.6	93	46	1.34	1016	1131
11-Sep-90	29.8	10.1	0.0	4.8	5.36	182	3.1	29.7	16.0	93	58	1.95	1025	1141
12-Sep-90	28.7	15.8	0.0	5.3	4.86	98	3.8	30.4	19.3	93	53	2.10	1038	1154
13-Sep-90	30.3	14.3	4.6	7.1	3.31	173	4.0	27.2	18.9	93	54	1.87	1050	1166
14-Sep-90	18.6	8.1	0.0	4.8	4.51	327	3.8	23.3	14.7	94	59	1.21	1053	1170
15-Sep-90	20.8	7.9	0.0	4.8	4.99	333	3.9	24.5	14.1	93	50	1.17	1058	1175
16-Sep-90	15.6	5.1	0.0	3.0	4.23	50	2.3	23.8	13.7	94	67	1.00	1058	1178
17-Sep-90	17.7	4.1	0.0	3.0	3.64	156	3.5	20.3	11.6	95	66	1.10	1059	1182
18-Sep-90	12.4	9.5	10.9	0.0	0.64	156	2.5	15.0	13.4	93	89	1.20	1060	1183
19-Sep-90	20.6	3.2	0.0	3.8	5.22	303	1.8	20.3	10.1	94	37	0.99	1062	1189
20-Sep-90	13.2	4.0	14.7	0.5	0.85	108	2.0	14.2	11.0	94	84	1.10	1062	1190
21-Sep-90	13.4	7.1	0.0	3.0	2.66	303	4.9	14.5	10.2	93	74	1.08	1062	1192
22-Sep-90	8.1	2.7	0.0	2.3	1.36	324	5.1	10.7	7.3	93	84	0.85	1062	1192
23-Sep-90	14.5	-0.7	0.0	2.3	5.12	290	2.8	15.9	4.3	95	48	0.73	1062	1194
24-Sep-90	26.3	3.2	0.0	5.1	4.98	242	2.9	21.2	6.7	94	36	1.06	1067	1202
25-Sep-90	27.2	8.3	0.0	5.6	4.83	305	3.2	22.9	10.4	92	31	1.16	1075	1211
26-Sep-90	26.2	3.2	0.0	4.8	4.52	171	2.4	23.1	9.9	94	38	1.14	1079	1219
27-Sep-90	19.5	6.2	0.0	3.6	3.98	354	2.5	20.5	10.9	90	45	1.00	1082	1224
28-Sep-90	16.2	2.1	0.0	2.3	4.09	353	1.9	18.6	8.7	95	45	0.80	1082	1227
29-Sep-90	15.1	3.2	0.0	2.0	3.42	1	1.4	18.3	9.2	94	52	0.83	1082	1229
30-Sep-90	17.8	-1.0	3.3	3.3	3.86	188	2.4	18.4	7.1	95	50	0.91	1082	1233
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	21.9	8.0	63.5	118.1	4.08	187	2.8	23.0	13.6	93	57	1.37	161	197

STAPLES

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Oct-90	18.9	3.9	0.0	4.1	4.57	300	2.9	17.6	7.1	93	29	0.81	1084	1238
02-Oct-90	24.7	2.7	50.8	6.3	3.41	153	5.6	19.4	7.2	94	47	1.25	1087	1245
03-Oct-90	14.7	6.0	2.5	4.6	2.29	290	4.3	15.9	8.7	95	47	1.02	1088	1247
04-Oct-90	* 14.4	2.8	0.0	5.1	4.31	268	M	M	M	M	M	M	1088	1250
05-Oct-90	27.4	3.3	0.0	3.8	4.22	171	1.5	20.1	6.8	93	35	1.11	1093	1258
06-Oct-90	15.0	2.6	0.0	2.0	1.23	344	3.5	12.6	7.3	91	65	0.77	1093	1261
07-Oct-90	10.3	-2.2	0.0	1.8	3.22	318	1.5	13.4	4.5	94	43	0.54	1093	1261
08-Oct-90	11.5	-3.0	0.0	0.5	3.20	16	0.9	14.7	5.0	94	35	0.54	1093	1262
09-Oct-90	12.6	-5.4	0.0	2.8	4.15	192	1.3	15.2	2.6	95	32	0.50	1093	1263
10-Oct-90	11.9	-4.3	0.0	3.6	4.09	165	2.0	14.3	2.6	95	26	0.46	1093	1264
11-Oct-90	9.9	0.3	0.5	0.5	1.24	312	2.2	9.8	4.3	97	66	0.66	1093	1264
12-Oct-90	13.3	-5.0	0.0	2.8	3.68	183	2.2	12.9	2.0	97	37	0.60	1093	1266
13-Oct-90	15.8	6.6	0.0	3.0	3.37	183	3.6	15.4	6.6	77	46	0.75	1094	1269
14-Oct-90	14.6	2.6	0.0	2.8	3.36	276	3.2	15.2	6.7	94	45	0.75	1094	1271
15-Oct-90	15.2	-0.7	0.0	2.8	2.88	246	2.9	13.6	3.7	92	38	0.63	1094	1274
16-Oct-90	13.7	-1.2	13.0	1.0	1.60	116	2.0	10.8	4.6	95	52	0.77	1094	1275
17-Oct-90	6.9	-1.4	11.7	1.3	0.37	13	5.6	8.1	2.9	100	90	0.70	1094	1275
18-Oct-90	4.0	-3.3	0.0	1.3	2.84	347	3.2	8.0	2.1	96	73	0.52	1094	1275
19-Oct-90	7.9	-3.8	3.6	0.3	1.40	138	5.2	5.6	1.9	96	70	0.62	1094	1275
20-Oct-90	6.3	2.3	0.0	0.3	0.61	329	2.3	6.7	4.0	97	75	0.73	1094	1275
21-Oct-90	6.5	-2.0	0.0	2.5	3.17	290	2.9	7.3	2.0	94	53	0.54	1094	1275
22-Oct-90	9.5	-0.2	0.0	0.5	1.20	177	3.2	6.4	2.1	94	69	0.66	1094	1275
23-Oct-90	10.4	-4.7	0.0	0.3	3.38	301	2.5	8.0	1.7	95	57	0.59	1094	1276
24-Oct-90	9.1	-5.3	0.0	2.3	2.63	318	2.3	6.3	1.0	93	50	0.49	1094	1276
25-Oct-90	10.6	-6.9	0.0	2.3	3.21	166	2.9	7.1	0.4	95	46	0.50	1094	1276
26-Oct-90	20.4	-0.5	0.0	4.1	3.22	184	2.8	11.3	1.4	94	43	0.83	1094	1281
27-Oct-90	15.0	-2.4	0.0	2.5	3.09	310	6.3	9.5	3.2	91	40	0.59	1094	1284
28-Oct-90	10.1	-7.0	0.0	2.5	3.08	158	3.0	8.0	0.9	95	44	0.48	1094	1284
29-Oct-90	16.4	-1.8	0.0	M	2.97	137	1.7	10.9	1.7	92	41	0.63	1094	1287
30-Oct-90	18.8	-3.0	0.0	M	3.13	102	1.0	11.4	1.8	95	24	0.58	1094	1291
31-Oct-90	17.9	-1.1	0.0	M	2.79	151	2.9	11.1	2.2	93	64	0.95	1094	1295
MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
13.3	-1.0	82.0	67.6	2.84	215	2.9	11.5	3.6	94	49	0.69	12	62	



WASRCA

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Apr-90	7.4	-0.4	4.6	M	1.01	318	5.7	5.4	2.6	M	M	M	0	0
02-Apr-90	6.4	-4.3	0.0	M	6.40	2	6.5	5.3	1.2	M	M	M	0	0
03-Apr-90	13.7	-6.7	0.0	M	6.52	198	2.1	7.2	0.7	M	M	M	0	2
04-Apr-90	13.2	0.1	0.5	M	5.37	340	5.7	7.4	3.1	M	M	M	0	3
05-Apr-90	2.6	-4.3	0.0	M	6.36	321	6.4	5.7	2.6	M	M	M	0	3
06-Apr-90	* 1.1	-11.1	0.0	M	M	M	M	M	M	M	M	M	0	3
07-Apr-90	5.6	-8.8	0.0	M	2.24	319	3.6	4.6	2.5	76	M	M	0	3
08-Apr-90	* 17.8	1.7	6.3	M	M	M	M	M	M	M	M	M	0	7
09-Apr-90	11.0	1.5	0.5	M	M	23	7.5	8.9	6.2	94	79	0.73	0	8
10-Apr-90	9.3	-3.7	0.0	M	4.47	334	6.4	6.8	4.0	80	33	0.38	0	8
11-Apr-90	2.0	-7.5	0.0	M	4.72	319	4.5	4.7	2.0	87	43	0.28	0	8
12-Apr-90	11.3	-7.7	0.0	M	6.82	255	3.0	7.6	1.5	80	23	0.32	0	9
13-Apr-90	9.5	-4.0	0.0	M	3.90	188	2.5	6.2	2.8	95	53	0.56	0	9
14-Apr-90	20.1	-4.4	0.5	M	6.16	255	4.8	9.0	2.8	95	16	0.62	0	14
15-Apr-90	12.2	-3.1	3.0	M	7.11	288	3.7	10.1	4.5	91	21	0.44	0	15
16-Apr-90	7.0	-2.5	7.6	M	3.01	0	5.8	7.8	4.0	95	43	0.53	0	15
17-Apr-90	8.6	-4.7	0.0	M	8.14	352	3.0	7.0	2.1	76	23	0.33	0	15
18-Apr-90	15.5	-1.9	0.0	M	7.38	185	6.2	8.5	2.8	74	19	0.38	0	17
19-Apr-90	13.8	7.8	0.8	1.5	1.90	184	7.9	8.2	6.7	90	40	0.90	1	19
20-Apr-90	25.0	11.2	0.0	4.3	5.90	172	3.3	14.8	7.7	92	38	1.34	9	27
21-Apr-90	26.4	9.9	0.0	8.1	5.45	170	4.6	15.0	10.4	91	31	1.22	17	36
22-Apr-90	27.3	11.5	0.0	10.9	7.05	168	7.0	16.5	11.6	89	27	1.33	27	45
23-Apr-90	30.4	15.8	24.6	10.7	3.69	160	6.2	15.9	13.8	91	23	1.72	40	58
24-Apr-90	26.3	16.2	0.0	7.6	5.61	182	6.5	17.3	13.9	90	58	1.95	51	69
25-Apr-90	28.7	16.8	0.8	9.7	5.51	193	8.0	18.9	14.6	87	41	1.80	64	82
26-Apr-90	23.6	16.2	2.5	3.8	2.88	188	6.7	17.5	15.6	91	60	1.77	74	92
27-Apr-90	18.2	6.2	11.4	4.6	1.99	151	1.9	16.3	14.7	92	83	1.57	76	96
28-Apr-90	6.2	2.0	2.5	1.3	2.03	271	5.0	15.3	9.2	92	85	0.74	76	96
29-Apr-90	10.6	0.2	4.6	1.5	0.86	358	4.4	9.5	6.7	93	86	0.80	76	96
30-Apr-90	10.9	-1.5	0.0	4.3	6.10	275	4.8	9.2	5.3	94	50	0.59	76	97
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	14.1	1.3	70.4	M	4.76	220	5.1	10.2	6.3	M	M	M	76	97
01-May-90	12.6	-2.3	0.0	2.0	6.62	287	4.4	11.0	4.8	90	37	0.55	76	98
02-May-90	19.5	-3.6	0.0	7.4	7.84	146	1.4	15.0	4.9	95	18	0.56	76	103
03-May-90	20.8	3.1	0.0	7.1	6.99	106	2.8	16.0	8.6	83	22	0.64	78	108
04-May-90	20.9	6.3	0.0	5.8	6.36	76	1.9	16.7	10.6	76	19	0.65	81	114
05-May-90	19.8	7.9	0.0	7.1	6.33	353	3.6	16.8	11.6	78	23	0.72	85	119
06-May-90	23.6	1.0	0.0	9.4	8.14	259	2.6	18.6	10.2	80	14	0.51	88	125
07-May-90	33.2	13.7	0.0	16.0	7.56	210	9.1	19.6	13.6	49	11	0.74	101	137
08-May-90	22.3	11.1	25.7	10.4	6.51	327	4.2	20.4	14.9	88	19	0.90	108	144
09-May-90	11.1	5.1	22.1	5.3	0.97	12	6.1	17.1	10.1	92	84	1.00	108	145
10-May-90	14.1	3.3	0.0	5.6	7.20	326	5.7	13.3	8.4	90	24	0.62	108	147
11-May-90	19.6	0.9	0.0	5.1	6.62	209	3.0	16.2	7.6	88	22	0.72	108	151
12-May-90	15.6	6.2	1.3	2.5	2.74	50	1.8	14.4	11.5	93	64	1.11	109	154
13-May-90	18.6	3.5	13.5	5.3	4.98	177	4.2	14.8	9.4	93	47	1.03	110	158
14-May-90	18.3	11.1	0.5	2.3	2.84	142	3.4	15.3	11.8	91	75	1.36	115	163
15-May-90	13.8	9.1	14.7	3.6	1.89	86	5.0	13.4	11.2	91	85	1.22	116	165
16-May-90	16.5	8.9	0.3	3.8	3.09	281	4.5	13.8	11.2	90	72	1.18	119	168
17-May-90	15.9	6.2	0.0	5.8	5.05	301	7.7	13.2	9.3	89	50	0.88	120	171
18-May-90	19.7	2.3	14.0	8.4	8.26	44	3.2	18.5	8.3	92	19	0.71	121	176
19-May-90	11.4	5.8	20.3	6.9	0.79	75	8.2	15.3	9.3	93	72	0.97	121	177
20-May-90	12.5	6.2	0.0	2.3	2.53	48	3.7	11.6	8.8	92	81	1.02	121	178
21-May-90	16.5	7.0	0.0	3.6	5.11	105	2.6	13.8	9.1	92	57	1.03	123	181
22-May-90	22.1	5.1	7.6	8.4	7.66	182	3.4	18.5	9.2	92	51	1.20	126	187
23-May-90	24.0	12.2	0.0	3.3	5.26	162	1.3	19.1	12.9	90	59	1.55	134	195
24-May-90	23.4	12.4	9.4	9.7	6.57	117	4.6	19.7	14.2	90	54	1.45	142	203
25-May-90	15.1	13.6	5.1	1.8	1.05	94	5.3	17.2	14.1	90	86	1.44	146	208
26-May-90	21.2	13.3	0.5	2.3	3.44	98	1.9	18.0	13.6	90	68	1.51	154	215
27-May-90	19.6	11.3	0.0	2.5	3.75	31	2.6	17.0	14.4	90	64	1.39	159	220
28-May-90	25.7	10.2	0.0	10.2	8.53	73	1.6	22.8	12.8	90	24	1.23	167	228
29-May-90	23.8	11.5	0.0	6.1	8.52	69	4.3	23.2	15.7	84	37	1.16	175	236
30-May-90	24.1	9.9	0.0	9.1	8.88	126	3.4	22.9	15.2	69	15	0.74	182	243
31-May-90	25.6	9.1	0.0	8.9	6.60	170	5.2	21.1	15.3	66	32	0.96	189	251
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	19.4	7.1	134.9	188.0	5.44	153	4.0	16.9	11.0	86	45	0.99	113	154

WASECA

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Jun-90	28.8	16.4	0.0	8.6	6.12	175	6.7	22.3	17.5	83	49	1.83	202	263
02-Jun-90	23.0	9.2	33.3	15.5	1.57	227	8.6	21.0	14.9	90	79	1.70	208	270
03-Jun-90	10.5	4.3	1.3	2.5	2.66	304	7.4	15.3	11.3	93	80	0.90	208	270
04-Jun-90	17.5	3.7	0.3	5.1	7.57	185	2.5	17.4	9.4	93	56	1.02	208	274
05-Jun-90	25.3	12.0	0.0	5.8	5.50	195	4.7	20.4	13.1	85	37	1.32	217	283
06-Jun-90	23.6	9.5	0.0	5.1	5.93	316	2.1	21.4	14.2	83	40	1.13	224	289
07-Jun-90	22.6	9.8	0.0	4.3	3.42	150	2.9	18.4	15.0	89	50	1.33	230	296
08-Jun-90	26.6	14.5	0.0	10.2	6.92	269	5.1	23.0	16.0	97	33	1.46	240	306
09-Jun-90	27.7	11.7	0.0	9.7	8.58	319	3.6	24.2	16.6	89	37	1.40	250	316
10-Jun-90	31.5	13.7	0.5	10.7	8.62	148	3.4	26.3	17.9	82	34	1.49	263	328
11-Jun-90	27.2	16.1	43.4	11.7	3.37	153	8.0	23.0	18.9	98	56	2.13	274	340
12-Jun-90	31.0	21.3	20.3	11.4	5.63	205	6.1	23.8	19.9	96	69	2.78	291	355
13-Jun-90	28.8	19.9	0.0	5.8	7.45	207	3.9	24.2	20.3	97	59	2.46	305	370
14-Jun-90	29.4	16.5	0.0	11.2	8.11	42	1.9	27.9	18.8	94	29	1.58	318	383
15-Jun-90	27.9	17.4	8.9	7.9	6.18	107	4.3	26.6	20.3	89	63	1.88	330	395
16-Jun-90	26.7	17.8	14.0	8.1	4.67	164	5.3	23.7	20.7	98	83	2.47	343	407
17-Jun-90	25.8	17.5	0.0	7.6	6.93	257	6.2	22.9	19.6	98	64	2.08	354	419
18-Jun-90	29.5	16.3	17.3	11.2	8.72	309	3.6	27.7	18.5	97	46	2.03	367	432
19-Jun-90	25.6	16.8	5.3	5.8	5.43	177	4.5	24.3	20.3	99	79	2.14	378	443
20-Jun-90	25.1	15.5	0.0	8.9	8.37	285	3.5	23.7	18.3	99	51	1.80	389	453
21-Jun-90	26.4	13.2	0.3	5.3	5.56	254	2.8	23.9	18.1	97	49	1.74	399	463
22-Jun-90	23.5	13.8	2.0	7.4	6.08	342	4.3	23.2	18.7	96	59	1.69	407	472
23-Jun-90	25.5	13.3	0.0	6.9	8.37	335	3.2	25.1	17.1	97	48	1.60	417	481
24-Jun-90	29.3	12.6	0.0	7.6	8.13	213	1.4	27.4	18.8	97	39	1.69	428	492
25-Jun-90	32.1	17.5	1.0	6.6	7.66	197	2.7	28.8	20.9	92	56	2.35	442	506
26-Jun-90	33.0	21.0	0.0	8.1	8.32	317	1.8	30.8	23.1	96	52	2.54	459	521
27-Jun-90	31.9	19.5	14.7	11.2	5.43	126	3.7	27.0	23.2	94	57	2.49	475	536
28-Jun-90	28.1	20.1	7.1	6.3	3.64	159	3.8	23.7	21.7	96	76	2.58	489	550
29-Jun-90	32.7	19.4	0.0	5.1	6.75	345	0.7	27.8	21.0	98	64	2.89	505	565
30-Jun-90	31.1	19.7	0.0	10.2	8.70	346	2.1	30.7	22.7	97	45	2.34	521	580

MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
26.9	15.0	169.7	241.8	6.35	228	4.0	24.2	18.2	94	55	1.89	332	329	

01-Jul-90	29.6	18.9	0.0	7.9	7.12	143	2.8	28.4	22.8	91	55	2.21	535	594
02-Jul-90	30.7	19.9	0.0	5.3	7.37	149	5.0	28.7	23.2	90	64	2.50	550	609
03-Jul-90	38.9	22.1	0.0	17.3	8.36	205	5.7	30.9	24.0	94	33	2.60	571	625
04-Jul-90	30.4	16.1	0.8	5.8	5.36	347	1.9	30.3	25.2	97	44	2.32	584	638
05-Jul-90	26.0	15.1	0.0	7.1	8.51	355	2.4	28.9	22.1	98	60	1.84	594	649
06-Jul-90	26.8	15.0	45.7	13.0	7.68	125	4.3	28.1	22.1	94	60	1.92	605	660
07-Jul-90	30.1	16.4	10.2	6.1	5.32	149	5.7	25.2	21.0	98	82	2.59	619	673
08-Jul-90	26.8	18.0	0.0	6.6	4.18	260	3.1	25.1	22.3	96	72	2.58	631	685
09-Jul-90	25.3	16.3	0.0	2.5	3.99	342	0.9	23.9	20.3	98	77	2.13	642	696
10-Jul-90	25.6	16.7	0.0	2.5	3.81	46	1.1	23.2	19.8	98	69	2.17	653	707
11-Jul-90	20.8	13.8	22.9	5.1	1.67	54	2.2	21.3	18.2	98	90	1.87	660	714
12-Jul-90	22.1	12.8	0.0	6.3	7.46	29	4.3	21.6	16.5	98	62	1.53	668	722
13-Jul-90	23.4	10.1	0.0	5.1	8.41	29	1.6	25.4	15.8	97	53	1.46	674	729
14-Jul-90	25.2	11.1	0.0	4.8	6.21	355	1.5	24.9	18.1	99	61	1.76	683	737
15-Jul-90	27.0	14.9	0.0	6.6	8.04	237	1.4	27.9	19.5	98	39	1.89	694	748
16-Jul-90	30.3	14.6	2.5	8.4	8.27	220	2.3	29.3	20.8	97	53	2.15	706	760
17-Jul-90	29.9	19.4	0.8	6.6	6.06	205	5.3	27.2	22.7	93	67	2.56	721	775
18-Jul-90	31.3	18.8	29.2	10.4	7.14	164	1.2	29.9	22.4	96	51	2.41	736	789
19-Jul-90	27.6	17.6	0.8	4.1	4.42	35	1.4	26.3	22.2	97	69	2.26	748	802
20-Jul-90	25.5	16.5	0.0	6.3	7.38	24	2.1	25.8	20.1	95	59	1.94	759	813
21-Jul-90	24.5	16.4	0.0	5.6	6.07	359	1.5	26.7	20.6	95	60	1.87	770	823
22-Jul-90	23.8	12.5	0.0	5.1	7.38	316	1.9	27.3	20.2	98	57	1.68	778	831
23-Jul-90	27.2	10.7	0.0	5.6	7.88	254	0.9	28.6	19.5	98	46	1.67	787	840
24-Jul-90	25.8	13.0	10.7	3.6	5.80	164	2.4	25.3	20.7	96	70	2.01	796	850
25-Jul-90	28.0	18.2	5.6	5.3	5.83	161	3.4	24.5	20.8	95	74	2.44	809	863
26-Jul-90	21.0	19.3	7.1	6.3	1.14	141	4.7	22.8	20.3	96	92	2.20	819	873
27-Jul-90	28.4	19.4	12.7	6.6	4.53	139	3.6	24.4	20.2	95	83	2.59	833	887
28-Jul-90	29.9	19.0	7.1	3.6	4.46	164	1.4	25.7	20.6	96	80	2.57	848	901
29-Jul-90	27.5	18.0	0.0	7.1	7.02	331	2.6	25.8	21.2	95	66	2.36	861	914
30-Jul-90	24.0	14.0	0.0	5.1	7.07	353	1.9	26.3	19.2	96	61	1.78	870	923
31-Jul-90	26.0	10.0	0.0	5.3	7.46	192	0.7	27.5	18.6	98	48	1.58	878	931

MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
27.1	16.0	156.0	197.1	6.17	195	2.6	26.4	20.7	96	63	2.11	357	351	

WASECA

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Aug-90	26.1	13.4	0.0	6.1	7.26	175	2.8	27.1	19.9	94	62	1.90	887	941
02-Aug-90	26.9	16.9	0.0	7.1	4.66	161	3.3	25.3	21.0	95	79	2.28	899	953
03-Aug-90	28.8	17.1	21.8	4.3	5.89	212	1.3	25.9	21.2	95	75	2.59	912	966
04-Aug-90	24.5	14.0	0.8	7.1	7.31	338	3.0	26.1	20.2	96	61	1.85	921	975
05-Aug-90	22.1	11.7	0.0	5.6	7.44	356	2.6	26.1	18.7	97	60	1.54	928	982
06-Aug-90	25.5	8.7	0.0	5.1	7.45	311	1.2	26.9	18.3	98	45	1.51	935	990
07-Aug-90	25.4	9.9	0.0	5.6	7.64	219	1.5	27.5	19.2	97	51	1.57	943	997
08-Aug-90	25.9	11.3	0.0	6.6	7.91	201	2.0	27.7	19.9	96	56	1.70	952	1006
09-Aug-90	29.0	14.7	0.0	2.8	6.97	234	2.3	28.3	20.9	94	70	2.19	964	1018
10-Aug-90	31.4	17.0	0.5	6.1	5.43	42	0.9	28.0	22.1	96	50	2.22	978	1031
11-Aug-90	24.5	13.3	0.0	4.8	7.34	4	2.3	28.6	21.2	95	62	1.75	987	1040
12-Aug-90	22.6	13.5	0.0	4.3	4.94	34	2.1	25.6	21.0	96	72	1.68	995	1048
13-Aug-90	26.3	11.6	0.0	2.3	7.26	187	1.0	27.8	19.5	97	50	1.69	1004	1057
14-Aug-90	29.7	16.9	5.1	9.9	6.58	221	3.6	28.4	21.3	95	67	2.36	1017	1070
15-Aug-90	28.6	16.9	0.0	5.6	6.56	25	0.9	28.8	21.7	96	62	2.26	1030	1083
16-Aug-90	29.5	17.7	7.6	7.1	6.34	177	2.4	28.8	22.1	96	71	2.53	1043	1097
17-Aug-90	28.9	20.5	0.0	2.8	3.86	153	3.0	26.0	23.3	94	87	2.84	1058	1112
18-Aug-90	31.1	18.7	1.5	5.6	4.85	42	3.1	27.9	23.1	95	76	2.77	1073	1126
19-Aug-90	20.8	16.3	102.1	0.0	1.15	70	4.1	24.6	19.9	95	92	1.97	1082	1134
20-Aug-90	19.1	16.1	1.3	0.5	1.26	70	3.0	20.2	18.9	95	93	1.85	1089	1142
21-Aug-90	24.8	16.4	0.0	2.0	4.25	62	1.1	23.1	18.4	95	80	2.05	1100	1153
22-Aug-90	25.2	15.6	0.0	3.0	4.12	150	1.1	23.2	19.0	95	79	2.15	1110	1163
23-Aug-90	26.8	18.0	2.5	1.5	2.13	162	2.5	23.1	19.8	95	88	2.51	1123	1175
24-Aug-90	27.7	20.0	3.6	4.6	3.43	173	1.9	24.1	20.8	94	84	2.57	1136	1189
25-Aug-90	31.2	17.9	15.2	7.4	6.62	167	2.9	28.5	20.1	95	81	2.81	1151	1203
26-Aug-90	30.3	18.7	1.3	7.9	6.07	131	3.3	26.8	22.2	94	81	2.83	1166	1218
27-Aug-90	32.0	22.4	0.0	3.8	5.09	252	1.1	28.6	22.8	93	82	3.13	1183	1234
28-Aug-90	29.9	18.2	0.0	4.8	6.39	22	1.6	29.9	23.3	94	56	2.44	1197	1248
29-Aug-90	28.1	15.5	0.0	5.3	6.35	76	0.9	29.7	22.1	95	45	1.90	1209	1260
30-Aug-90	28.8	14.0	0.0	5.8	6.66	164	2.4	29.0	21.4	94	63	2.15	1220	1271
31-Aug-90	28.7	18.7	0.0	3.8	4.53	183	3.3	28.1	22.8	94	72	2.36	1234	1285
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	27.1	15.9	163.3	149.4	5.60	154	2.2	26.8	20.8	95	69	2.19	356	354
01-Sep-90	29.0	17.0	0.0	3.0	3.82	51	0.8	26.9	22.4	95	59	2.27	1247	1298
02-Sep-90	29.0	17.1	6.3	3.3	5.18	105	1.8	27.9	21.4	94	58	2.12	1260	1311
03-Sep-90	27.9	17.4	7.6	5.1	4.39	163	4.4	24.8	21.6	95	81	2.44	1272	1323
04-Sep-90	30.6	21.7	0.0	5.1	5.85	239	2.6	27.9	21.7	94	74	2.79	1288	1339
05-Sep-90	33.4	20.1	0.0	5.1	5.87	152	2.7	30.2	22.6	94	66	2.90	1305	1354
06-Sep-90	31.2	19.9	9.7	5.6	5.25	269	3.0	30.0	24.1	94	74	2.73	1321	1369
07-Sep-90	28.5	16.8	0.0	6.1	5.28	52	2.4	26.8	22.5	95	73	2.19	1333	1382
08-Sep-90	24.6	15.9	0.0	4.1	4.56	183	1.5	25.9	20.6	95	77	2.06	1344	1392
09-Sep-90	28.7	16.3	0.0	3.3	4.79	189	1.8	26.9	20.3	95	64	2.20	1356	1405
10-Sep-90	26.5	16.1	0.0	3.8	4.71	58	2.5	27.3	20.9	95	70	2.05	1367	1416
11-Sep-90	29.7	15.4	0.0	5.1	5.15	180	3.7	27.1	20.5	94	69	2.34	1380	1429
12-Sep-90	32.1	19.4	0.0	7.1	5.85	197	3.4	28.7	21.9	91	51	2.35	1396	1443
13-Sep-90	30.1	18.6	0.8	8.4	5.79	204	4.9	27.9	22.3	91	55	2.28	1410	1458
14-Sep-90	20.9	8.2	0.0	3.0	3.99	328	4.1	25.5	20.1	96	71	1.40	1415	1463
15-Sep-90	25.8	7.5	0.0	5.8	5.57	310	3.1	24.2	17.3	96	45	1.27	1421	1471
16-Sep-90	18.0	6.5	0.0	1.8	3.04	22	1.7	20.7	17.0	96	67	1.14	1424	1475
17-Sep-90	18.4	5.4	2.0	5.8	4.49	140	2.5	19.9	14.8	97	61	1.14	1425	1479
18-Sep-90	13.5	11.0	7.6	0.3	0.45	143	2.6	17.7	15.5	96	90	1.34	1428	1481
19-Sep-90	21.4	9.3	0.0	3.0	5.41	324	1.7	21.2	14.8	95	48	1.35	1433	1487
20-Sep-90	21.4	8.8	4.1	3.8	3.56	186	3.0	19.4	14.7	95	65	1.53	1438	1493
21-Sep-90	18.6	6.6	0.0	4.8	5.45	297	3.8	19.4	15.4	96	48	1.21	1441	1497
22-Sep-90	9.1	5.2	0.0	2.0	1.26	312	4.8	15.7	11.8	96	84	0.92	1441	1497
23-Sep-90	14.9	1.8	0.0	3.6	5.69	318	2.9	17.5	9.9	97	42	0.77	1441	1499
24-Sep-90	26.1	3.8	0.0	6.1	5.43	223	4.3	19.6	10.9	89	39	1.10	1446	1507
25-Sep-90	28.8	7.6	0.0	5.6	5.36	297	1.8	21.9	13.9	95	31	1.27	1454	1517
26-Sep-90	29.1	6.2	0.0	5.6	4.99	146	1.0	21.8	14.6	96	20	1.08	1462	1526
27-Sep-90	18.6	12.1	0.0	1.8	1.38	10	2.1	18.9	16.3	91	56	1.35	1467	1532
28-Sep-90	18.6	7.2	0.0	4.1	5.14	5	2.4	20.1	13.9	95	53	1.11	1470	1536
29-Sep-90	16.9	3.8	0.0	3.6	3.96	360	1.6	18.5	14.6	96	46	0.91	1470	1539
30-Sep-90	18.9	-0.1	0.0	4.1	4.39	205	2.5	17.9	11.5	98	45	0.90	1470	1544
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	24.0	11.4	38.1	129.8	4.54	189	2.7	23.3	17.7	95	59	1.68	236	259

WASECA

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Oct-90	21.1	4.9	0.0	5.3	5.09	298	2.5	19.3	13.2	95	22	0.85	1473	1549
02-Oct-90	26.2	6.1	9.7	6.3	4.03	168	5.7	19.2	13.3	92	49	1.34	1479	1558
03-Oct-90	18.6	6.0	2.5	2.3	1.90	246	4.7	18.4	12.9	95	64	1.35	1482	1562
04-Oct-90	19.8	4.7	0.0	6.6	4.78	269	3.7	15.3	10.5	94	33	0.92	1484	1567
05-Oct-90	29.6	10.5	0.0	6.1	4.24	210	3.0	19.1	12.3	89	33	1.38	1494	1577
06-Oct-90	21.5	5.8	0.0	5.3	4.48	348	5.0	19.0	14.4	89	64	1.20	1498	1583
07-Oct-90	12.0	3.1	2.3	2.0	4.28	9	3.5	16.5	11.7	93	43	0.69	1498	1584
08-Oct-90	7.0	3.9	2.3	2.0	1.19	43	2.5	13.5	9.8	96	66	0.78	1498	1584
09-Oct-90	10.5	-0.7	4.1	0.0	4.65	28	1.9	12.8	8.1	97	44	0.64	1498	1584
10-Oct-90	11.5	-1.0	0.0	3.0	4.75	31	1.0	12.6	6.2	90	40	0.54	1498	1585
11-Oct-90	17.4	0.5	0.0	2.3	4.29	217	2.7	13.3	6.7	95	55	0.86	1498	1588
12-Oct-90	14.4	2.2	2.0	1.0	4.58	321	1.5	14.0	8.9	97	41	0.74	1498	1591
13-Oct-90	17.2	5.3	0.0	3.0	3.37	178	3.9	13.1	8.6	85	57	0.94	1499	1594
14-Oct-90	15.4	2.7	0.8	2.8	3.88	273	3.3	13.4	9.4	96	44	0.83	1499	1597
15-Oct-90	13.9	-0.7	0.0	M	2.24	203	2.4	11.6	7.6	96	46	0.70	1499	1599
16-Oct-90	19.8	4.0	0.0	M	2.73	150	3.6	13.5	8.1	90	55	1.16	1501	1604
17-Oct-90	18.8	1.5	2.8	M	0.40	283	6.3	14.1	9.2	97	87	1.30	1501	1608
18-Oct-90	7.1	-2.9	0.0	M	3.63	321	4.8	9.3	6.2	97	61	0.59	1501	1608
19-Oct-90	11.6	-3.0	0.0	M	3.33	145	6.4	8.2	4.7	97	56	0.66	1501	1609
20-Oct-90	8.6	4.6	10.2	M	0.43	216	4.2	8.5	6.6	96	72	0.86	1501	1609
21-Oct-90	7.5	-1.8	0.0	M	3.78	310	3.3	8.5	5.3	96	58	0.63	1501	1609
22-Oct-90	14.8	-1.4	0.3	M	3.32	188	5.6	8.1	4.2	95	50	0.73	1501	1611
23-Oct-90	17.5	1.0	0.0	M	3.68	299	2.8	11.4	7.1	96	44	0.85	1501	1615
24-Oct-90 *	11.1	-5.0	0.0	M	2.15	329	3.0	9.7	6.6	40	40	0.00	1501	1616
25-Oct-90	11.4	-1.8	0.0	M	3.58	171	3.9	8.9	4.0	96	43	0.60	1501	1616
26-Oct-90	18.1	3.5	0.0	M	3.71	184	5.8	10.6	5.7	82	49	0.84	1502	1620
27-Oct-90	12.3	-1.5	0.0	M	3.20	309	5.7	10.5	7.2	93	29	0.63	1502	1621
28-Oct-90	12.7	-5.5	0.0	M	3.73	175	2.1	9.4	4.5	93	35	0.49	1502	1623
29-Oct-90	19.1	5.7	0.0	M	3.36	181	2.8	11.0	6.1	90	43	0.86	1504	1627
30-Oct-90	18.7	2.9	0.0	M	3.21	51	1.7	11.4	6.9	95	40	0.81	1505	1632
31-Oct-90	22.9	4.0	0.0	M	3.27	169	3.4	12.6	7.3	95	54	1.21	1508	1638
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	15.8	1.9	36.8	M	3.40	204	3.6	12.8	8.2	92	49	0.84	38	94

WESTPORT

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030	
01-Apr-90	* 5.9	-1.4	4.1	M	3.85	340	7.2	8.6	3.7	95	67	0.61	0	0	
02-Apr-90	* 5.7	-4.3	0.0	M	6.34	4	4.7	7.9	2.5	89	38	0.37	0	0	
03-Apr-90	* 11.4	-5.2	0.0	M	4.79	162	4.0	7.5	2.5	94	49	0.57	0	1	
04-Apr-90	* 11.1	-2.6	0.0	M	5.92	339	5.7	10.9	2.8	95	46	0.62	0	1	
05-Apr-90	* 0.1	-8.4	0.0	M	5.99	328	7.4	4.5	2.5	87	51	0.31	0	1	
06-Apr-90	* -0.3	-10.3	0.0	M	6.49	333	4.5	2.6	2.2	90	48	0.26	0	1	
07-Apr-90	* 11.0	-8.5	0.0	M	6.19	243	3.3	2.3	2.2	94	23	0.37	0	2	
08-Apr-90	* 13.1	-4.1	0.0	M	5.30	107	3.0	8.9	2.3	95	32	0.52	0	3	
09-Apr-90	* 6.5	-0.4	0.0	M	2.71	32	4.9	7.8	3.6	96	71	0.68	0	3	
10-Apr-90	* 3.9	-5.5	0.0	M	5.14	342	6.0	7.4	2.9	93	46	0.42	0	3	
11-Apr-90	* 0.1	-5.9	0.0	M	3.37	327	4.5	3.3	2.3	82	52	0.32	0	3	
12-Apr-90	* 9.7	-6.8	0.0	M	6.60	262	2.5	8.1	2.3	91	33	0.41	0	3	
13-Apr-90	* 14.1	-3.7	0.0	M	5.85	237	2.4	11.7	2.7	89	32	0.53	0	5	
14-Apr-90	* 18.6	-3.1	0.0	M	4.34	299	4.9	10.0	3.4	96	23	0.59	0	10	
15-Apr-90	* 14.6	-6.4	0.0	M	6.25	269	3.7	10.1	2.9	91	29	0.48	0	12	
16-Apr-90	* 4.9	-4.7	4.3	M	6.14	342	5.8	6.6	3.0	96	50	0.47	0	12	
17-Apr-90	* 9.4	-6.5	0.0	M	7.02	278	3.3	8.6	2.6	74	26	0.33	0	12	
18-Apr-90	* 16.7	-3.1	0.0	M	6.76	191	6.5	10.6	2.9	74	26	0.46	0	15	
19-Apr-90	* 20.0	6.1	0.0	M	6.46	190	5.8	14.2	5.3	89	40	0.82	3	20	
20-Apr-90	* 22.9	2.7	0.0	M	6.95	38	2.4	17.2	7.1	95	18	0.79	6	27	
21-Apr-90	* 28.0	2.4	0.0	M	6.76	185	2.8	19.3	7.2	88	17	0.88	11	36	
22-Apr-90	* 28.9	11.5	0.0	M	6.40	171	7.0	20.4	11.5	82	25	1.24	21	46	
23-Apr-90	* 28.3	14.7	0.0	M	3.74	146	5.6	20.4	14.7	92	52	2.03	33	57	
24-Apr-90	* 27.6	14.4	19.1	M	4.59	158	3.9	21.8	14.8	93	48	1.85	44	68	
25-Apr-90	* 26.7	15.0	2.5	M	4.58	192	5.7	20.8	15.5	91	57	1.84	54	79	
26-Apr-90	* 21.7	7.2	7.6	M	2.69	251	4.4	19.3	14.4	M	75	M	59	85	
27-Apr-90	* 9.4	5.4	40.1	M	1.36	19	4.9	14.4	11.2	94	91	0.94	59	85	
28-Apr-90	* 7.7	0.8	14.7	M	2.35	302	4.8	11.2	7.3	94	88	0.72	59	85	
29-Apr-90	* 2.6	-5.6	7.1	M	3.73	335	3.8	7.3	4.3	96	77	0.55	59	85	
30-Apr-90		3.5	-5.2	6.4	M	5.85	264	6.0	7.2	3.9	96	61	0.51	59	85
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL	
	12.8	-0.7	105.9	M	5.15	223	4.7	11.0	5.6	91	46	0.71	59	85	
01-May-90	7.1	-1.3	0.0	M	5.88	289	4.7	11.2	3.8	94	58	0.55	59	85	
02-May-90	17.0	-2.7	0.0	M	6.92	173	2.6	16.1	4.2	96	40	0.68	59	88	
03-May-90	22.4	1.5	0.0	M	7.12	142	2.0	19.7	6.3	88	17	0.73	61	95	
04-May-90	21.1	5.6	0.0	M	7.13	312	3.2	20.9	9.5	88	35	0.95	64	100	
05-May-90	17.9	4.1	0.0	M	7.31	342	4.1	18.4	9.8	93	23	0.71	65	104	
06-May-90	23.4	0.3	0.0	M	7.83	230	3.2	20.6	7.4	92	23	0.69	67	111	
07-May-90	31.8	11.4	0.0	M	6.95	224	6.3	23.9	12.1	69	18	1.01	79	122	
08-May-90	20.3	9.7	0.0	M	6.78	311	4.5	23.2	14.0	91	18	0.86	84	127	
09-May-90	10.8	3.6	0.0	M	4.68	349	6.1	18.3	11.7	93	53	0.70	84	127	
10-May-90	13.9	0.2	0.0	M	8.03	338	5.7	19.7	7.6	92	31	0.55	84	129	
11-May-90	19.1	0.1	0.0	M	5.84	224	3.9	20.1	8.2	86	19	0.59	84	134	
12-May-90	20.8	2.5	0.0	M	6.51	267	1.7	24.4	10.3	96	30	0.90	85	139	
13-May-90	17.9	6.7	2.5	M	3.35	193	4.2	18.4	13.1	94	57	1.15	88	143	
14-May-90	16.6	9.4	7.6	M	3.02	46	2.6	19.8	14.0	94	82	1.34	91	146	
15-May-90	11.8	8.4	5.1	M	1.20	85	3.8	14.2	12.3	93	89	1.10	91	147	
16-May-90	13.9	7.0	0.0	M	2.58	279	5.5	15.1	11.4	92	70	1.08	91	149	
17-May-90	11.8	3.2	0.0	M	4.41	312	9.2	13.9	9.2	93	70	0.83	91	150	
18-May-90	12.6	0.8	0.0	M	4.71	17	2.8	15.7	6.4	95	56	0.81	91	151	
19-May-90	10.1	6.7	10.2	M	2.45	69	5.8	13.2	10.4	93	71	0.91	91	151	
20-May-90	18.0	5.9	0.0	M	6.67	70	2.9	20.2	9.3	91	50	0.96	93	155	
21-May-90	16.8	8.0	0.0	M	3.84	170	2.7	18.4	12.4	92	62	1.12	96	159	
22-May-90	* 22.2	10.0	10.2	M	5.90	185	4.3	22.5	11.9	M	56	M	102	165	
23-May-90	* 21.7	8.7	0.0	M	5.51	128	2.2	22.3	12.3	100	70	M	107	171	
24-May-90	23.2	9.6	0.0	M	7.57	94	3.3	23.5	13.7	100	47	1.37	113	177	
25-May-90	14.5	11.0	5.1	M	1.22	81	3.7	17.6	15.0	100	76	1.42	116	180	
26-May-90	14.6	10.7	12.7	M	0.87	82	2.5	16.3	14.3	100	99	1.52	119	183	
27-May-90	22.9	8.9	0.0	M	7.51	21	2.3	25.2	12.9	100	47	1.43	125	189	
28-May-90	27.3	11.0	0.0	M	6.80	15	2.3	26.6	14.6	96	32	1.35	134	198	
29-May-90	21.7	8.7	0.0	M	8.28	93	3.3	25.4	14.3	88	46	1.09	139	204	
30-May-90	24.3	5.0	0.0	M	8.38	136	3.4	27.9	13.0	68	38	0.93	144	211	
31-May-90	23.7	8.7	0.0	M	5.35	175	5.0	25.2	15.2	73	44	1.18	150	218	
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL	
	18.4	5.9	53.5	M	5.50	176	3.9	19.9	11.0	91	49	0.98	91	133	

WESTPORT

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Jun-90	28.9	15.7	10.2	M	6.08	167	6.6	28.8	18.0	M	53	M	162	230
02-Jun-90	23.1	5.3	5.1	M	2.07	287	6.8	22.5	14.3	M	81	M	166	237
03-Jun-90	13.3	4.6	7.6	M	3.71	326	7.7	18.0	12.0	M	72	M	166	239
04-Jun-90	18.3	4.5	0.0	M	8.10	167	3.5	22.7	10.9	M	60	M	168	243
05-Jun-90	22.6	11.4	6.6	M	7.80	255	5.7	22.2	14.6	M	38	M	175	250
06-Jun-90	23.4	10.0	0.0	M	7.26	283	3.8	23.9	14.0	M	42	M	181	256
07-Jun-90	21.3	9.2	0.3	M	2.57	161	2.5	19.1	14.4	M	61	M	187	262
08-Jun-90	24.0	13.8	0.0	M	7.48	278	6.6	24.3	15.5	M	42	M	195	271
09-Jun-90	27.2	10.6	0.0	M	8.50	301	3.2	29.6	15.5	M	42	M	204	280
10-Jun-90	31.2	12.6	0.0	M	7.49	148	4.1	31.3	18.5	M	35	M	216	291
11-Jun-90 *	27.8	17.2	54.9	M	3.53	151	8.5	24.0	20.2	M	63	M	229	304
12-Jun-90 *	27.2	18.3	4.8	M	7.21	240	2.6	29.8	20.4	M	62	M	242	316
13-Jun-90	27.4	14.7	0.3	M	7.79	236	4.5	26.4	20.7	M	46	M	253	327
14-Jun-90	23.6	11.8	0.3	M	4.68	318	2.5	23.6	17.3	M	50	M	260	335
15-Jun-90	17.6	13.1	24.9	M	1.25	67	3.7	19.3	17.2	M	91	M	266	340
16-Jun-90	18.5	12.7	17.3	M	2.97	57	4.6	21.8	16.4	M	95	M	271	346
17-Jun-90	22.1	14.4	0.8	M	4.76	269	4.2	22.8	17.4	M	84	M	279	354
18-Jun-90	29.4	14.8	0.0	M	8.52	283	2.2	29.2	17.2	M	48	M	292	366
19-Jun-90	23.8	15.5	16.3	M	6.24	210	5.7	25.4	20.7	M	74	M	301	376
20-Jun-90	23.2	14.3	0.0	M	6.57	289	4.8	24.3	18.2	M	65	M	310	385
21-Jun-90	23.7	13.0	0.0	M	5.76	301	2.8	25.0	17.2	M	59	M	318	393
22-Jun-90	23.0	12.8	1.3	M	6.92	345	4.4	24.4	17.2	M	58	M	326	401
23-Jun-90	24.3	12.3	0.0	M	8.13	323	2.8	27.8	16.7	M	48	M	335	409
24-Jun-90	29.0	10.6	0.0	M	7.45	216	1.3	29.7	17.3	M	46	M	344	419
25-Jun-90	31.9	15.3	1.5	M	7.00	230	2.8	33.2	20.1	M	54	M	358	432
26-Jun-90	31.0	16.5	0.0	M	8.40	334	1.9	34.8	21.2	M	40	M	372	445
27-Jun-90	24.9	18.0	13.5	M	2.26	110	4.3	26.3	22.2	M	72	M	383	457
28-Jun-90	29.6	19.3	18.8	M	5.19	164	4.1	27.9	21.2	M	84	M	398	471
29-Jun-90	29.3	18.6	0.3	M	5.66	279	2.1	29.1	21.5	M	73	M	412	485
30-Jun-90	28.6	17.7	0.0	M	8.56	333	3.1	29.3	21.9	M	49	M	425	498

MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
25.0	13.3	184.4	M	6.00	238	4.1	25.9	17.7	M	60	M	275	280	

01-Jul-90	28.7	15.8	0.0	M	6.38	152	3.5	27.9	20.7	M	63	M	437	510
02-Jul-90	31.6	18.2	0.0	M	6.32	149	3.8	30.1	21.6	M	70	M	452	525
03-Jul-90	36.5	21.6	0.0	M	8.03	217	5.6	34.7	23.6	M	51	M	471	540
04-Jul-90	29.0	15.9	0.0	M	6.24	297	3.5	32.1	23.1	M	47	M	484	553
05-Jul-90	23.6	12.3	0.0	M	7.89	355	3.0	32.5	20.3	M	60	M	491	561
06-Jul-90	25.8	12.4	0.0	M	7.63	136	5.0	31.3	20.3	M	65	M	501	570
07-Jul-90	26.9	19.5	0.3	M	3.86	144	5.7	28.5	23.0	M	85	M	514	583
08-Jul-90	25.9	15.4	2.3	M	7.30	313	3.9	31.7	23.3	M	61	M	524	594
09-Jul-90	27.1	13.0	0.0	M	7.33	304	1.6	33.6	21.0	M	46	M	534	604
10-Jul-90	26.5	15.1	2.8	M	4.79	41	1.5	30.7	22.6	M	62	M	545	614
11-Jul-90	18.7	14.6	39.1	M	1.68	54	2.7	25.2	19.7	M	95	M	552	621
12-Jul-90	21.7	10.7	0.0	M	7.60	46	2.5	25.1	16.8	M	56	M	558	627
13-Jul-90	25.6	9.3	0.0	M	8.11	6	1.0	28.4	16.2	M	44	M	566	635
14-Jul-90	26.9	10.2	0.0	M	8.08	180	1.0	29.5	17.4	M	42	M	574	644
15-Jul-90 *	28.3	10.9	10.9	M	7.56	243	1.3	31.1	18.2	M	40	M	584	653
16-Jul-90 *	28.3	19.7	0.0	M	7.95	176	1.7	30.7	20.2	M	40	M	598	667
17-Jul-90	30.5	16.3	1.8	M	7.74	230	3.8	30.3	21.8	M	58	M	611	680
18-Jul-90	28.8	13.0	13.0	M	5.90	168	1.5	30.5	19.8	M	49	M	622	691
19-Jul-90	24.3	14.4	0.8	M	5.88	20	1.9	27.8	20.5	M	72	M	631	701
20-Jul-90	25.1	11.9	0.0	M	4.93	330	1.5	25.8	18.6	M	58	M	640	709
21-Jul-90	22.4	11.9	0.0	M	5.35	318	1.8	25.2	18.1	M	55	M	647	716
22-Jul-90	23.4	11.4	3.8	M	6.81	312	2.2	26.8	17.3	M	57	M	654	724
23-Jul-90	26.5	10.7	0.3	M	7.31	260	1.0	28.7	16.8	M	41	M	663	732
24-Jul-90	26.1	12.3	0.0	M	7.42	156	3.0	29.8	18.4	M	64	M	672	741
25-Jul-90	22.7	17.8	0.3	M	2.27	133	3.5	23.9	21.3	M	93	M	682	752
26-Jul-90	21.4	19.2	1.3	M	1.18	133	4.6	22.6	21.1	M	96	M	693	762
27-Jul-90	25.6	18.3	2.0	M	2.10	143	2.8	25.4	21.0	M	77	M	705	774
28-Jul-90	30.3	18.4	0.0	M	6.29	200	1.4	31.4	20.2	M	72	M	719	788
29-Jul-90	26.2	12.9	0.0	M	6.18	349	3.8	30.1	21.7	M	60	M	728	798
30-Jul-90	23.6	10.5	0.0	M	6.70	356	2.4	30.6	18.8	M	55	M	735	805
31-Jul-90	25.3	8.1	0.0	M	7.81	193	1.8	32.4	18.2	M	42	M	742	812

MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
26.2	14.2	78.5	M	6.15	197	2.7	29.2	20.1	M	60	M	317	314	

## WESTPORT

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Aug-90	27.1	12.6	0.0	M	7.34	174	3.7	31.4	20.0	M	63	M	752	822
02-Aug-90	26.8	16.5	0.0	M	6.36	178	4.1	31.7	21.7	M	76	M	764	834
03-Aug-90	* 31.1	17.8	3.0	M	5.87	214	1.7	35.9	23.4	M	50	M	778	848
04-Aug-90	22.2	12.4	0.0	M	6.63	344	4.3	28.7	21.0	M	56	M	785	855
05-Aug-90	23.3	9.2	0.0	M	7.56	3	2.6	31.5	18.0	M	46	M	792	862
06-Aug-90	26.6	9.0	0.0	M	7.19	232	1.6	33.2	18.9	M	38	M	800	870
07-Aug-90	25.9	9.1	0.0	M	7.41	181	3.0	32.2	19.6	M	52	M	807	878
08-Aug-90	26.9	13.0	0.0	M	7.41	189	3.6	32.7	20.5	M	52	M	817	888
09-Aug-90	29.2	15.2	0.0	M	6.23	331	2.2	33.3	21.9	M	44	M	829	900
10-Aug-90	26.6	10.1	0.0	M	6.37	5	2.3	33.6	21.6	M	54	M	837	908
11-Aug-90	22.8	7.3	0.0	M	6.80	28	1.8	32.7	19.2	M	47	M	843	915
12-Aug-90	20.2	9.4	1.3	M	2.75	61	1.0	25.3	20.4	M	76	M	847	920
13-Aug-90	24.5	6.9	0.0	M	6.44	189	2.3	29.7	16.9	M	58	M	853	927
14-Aug-90	28.9	12.1	0.0	M	5.99	308	2.4	33.1	20.5	M	55	M	864	938
15-Aug-90	27.2	8.2	0.0	M	7.03	105	1.3	33.7	19.5	M	41	M	871	946
16-Aug-90	30.4	13.8	0.0	M	6.61	182	2.9	34.0	21.7	M	61	M	883	958
17-Aug-90	29.2	19.7	2.5	M	2.65	128	2.6	29.8	24.8	M	81	M	898	973
18-Aug-90	21.7	14.1	13.2	M	2.27	61	4.2	25.1	19.5	M	89	M	906	981
19-Aug-90	14.4	12.3	3.6	M	0.85	67	4.5	19.6	17.0	M	92	M	909	984
20-Aug-90	16.5	12.0	7.9	M	0.92	61	2.6	18.7	16.3	M	98	M	913	988
21-Aug-90	24.1	14.0	0.0	M	3.81	123	1.8	24.4	17.8	M	68	M	922	997
22-Aug-90	* 24.4	13.9	0.0	M	4.51	152	3.3	24.9	17.9	M	80	M	931	1006
23-Aug-90	24.1	19.0	3.6	M	1.81	167	2.9	23.9	20.7	M	92	M	943	1018
24-Aug-90	* 26.1	18.9	0.3	M	3.14	148	2.2	26.2	21.3	M	76	M	956	1030
25-Aug-90	30.6	18.9	23.9	M	5.60	170	2.7	29.2	21.1	M	77	M	970	1045
26-Aug-90	27.9	17.0	0.8	M	5.84	85	2.2	28.6	20.7	M	75	M	983	1057
27-Aug-90	32.0	20.2	0.0	M	4.45	40	1.2	30.4	22.7	M	77	M	999	1072
28-Aug-90	27.9	14.8	0.0	M	5.49	302	1.6	30.1	21.3	M	54	M	1010	1084
29-Aug-90	28.8	13.9	0.0	M	6.41	178	1.0	31.6	19.8	M	39	M	1021	1095
30-Aug-90	29.6	13.3	0.0	M	6.28	176	2.5	32.1	19.7	M	58	M	1033	1107
31-Aug-90	31.5	15.3	0.0	M	5.88	213	2.8	33.3	22.9	M	42	M	1046	1119
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	26.1	13.5	59.9	M	5.29	155	2.5	29.7	20.3	M	64	M	304	307
01-Sep-90	29.0	12.0	0.0	M	6.28	350	1.2	32.7	20.6	M	37	M	1057	1130
02-Sep-90	27.3	13.0	0.0	M	4.97	127	3.0	29.9	20.8	M	58	M	1067	1140
03-Sep-90	27.4	17.8	18.5	M	3.15	156	4.6	26.1	21.6	M	89	M	1080	1152
04-Sep-90	27.3	14.0	0.0	M	3.41	4	2.6	26.4	21.2	M	74	M	1090	1163
05-Sep-90	30.7	14.1	6.6	M	4.80	165	3.3	27.2	19.3	M	84	M	1103	1175
06-Sep-90	* 27.8	20.0	0.0	M	2.86	345	2.2	26.3	22.0	M	79	M	1116	1189
07-Sep-90	* 23.3	11.9	11.7	M	5.34	69	2.6	26.0	19.0	M	73	M	1124	1197
08-Sep-90	* 25.0	11.1	0.3	M	4.95	183	2.0	25.1	17.2	M	75	M	1132	1205
09-Sep-90	25.9	14.4	0.5	M	4.61	44	1.8	26.2	18.8	M	76	M	1142	1215
10-Sep-90	22.6	11.9	0.0	M	5.39	75	1.8	26.2	17.4	M	59	M	1149	1222
11-Sep-90	31.0	11.3	0.0	M	5.48	195	3.4	28.0	17.6	M	54	M	1161	1233
12-Sep-90	29.0	16.4	0.0	M	5.19	113	2.4	29.4	20.5	M	68	M	1173	1245
13-Sep-90	31.0	13.6	5.3	M	4.99	207	5.8	28.5	21.0	M	50	M	1186	1257
14-Sep-90	18.9	8.6	0.0	M	5.26	333	4.1	23.2	17.6	M	61	M	1189	1262
15-Sep-90	21.0	7.7	0.0	M	5.15	334	4.1	23.4	15.2	M	49	M	1194	1267
16-Sep-90	16.6	3.4	0.0	M	4.63	35	2.0	22.9	13.5	M	67	M	1194	1270
17-Sep-90	17.9	5.3	0.0	M	4.39	153	3.9	20.6	13.4	M	66	M	1195	1274
18-Sep-90	13.4	10.0	13.5	M	0.50	147	2.0	16.5	15.3	M	94	M	1197	1276
19-Sep-90	* 21.1	7.8	0.0	M	5.22	290	2.1	20.6	14.0	M	39	M	1201	1282
20-Sep-90	15.5	7.9	7.1	M	0.63	152	2.3	16.1	13.9	M	86	M	1203	1284
21-Sep-90	15.3	6.9	0.0	M	3.95	301	4.5	16.8	12.6	M	70	M	1204	1287
22-Sep-90	7.9	2.6	0.0	M	1.37	326	5.9	12.6	9.4	M	88	M	1204	1287
23-Sep-90	15.2	-0.2	0.0	M	5.21	292	2.6	16.5	6.9	M	49	M	1204	1290
24-Sep-90	27.4	2.8	0.0	M	5.09	230	3.0	20.2	8.9	M	36	M	1209	1298
25-Sep-90	27.4	8.0	0.0	M	4.91	300	2.4	22.2	12.7	M	35	M	1217	1307
26-Sep-90	26.9	5.3	0.0	M	4.70	175	2.5	22.3	13.0	M	40	M	1223	1315
27-Sep-90	19.3	5.8	0.0	M	3.19	6	3.3	20.1	14.5	M	50	M	1226	1320
28-Sep-90	16.6	2.3	0.0	M	3.49	2	1.7	18.5	11.5	M	53	M	1226	1323
29-Sep-90	15.5	0.6	0.3	M	2.90	353	1.1	17.4	11.6	M	55	M	1226	1326
30-Sep-90	19.1	-0.4	0.0	M	3.77	207	3.0	17.8	9.7	M	56	M	1226	1331
	MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
	22.4	8.9	63.8	M	4.19	189	2.9	22.9	15.7	M	62	M	180	212

WESTPORT

DATE	AIR MAX	AIR MIN	PRE	PAN	SOL	WIND DIR	WIND SPD	SOIL MAX	SOIL MIN	RH MAX	RH MIN	VAP PRES	GDD 10	GDD 1030
01-Oct-90	19.5	3.0	0.0	M	4.59	293	2.5	18.8	10.6	M	29	M	1227	1335
02-Oct-90	* 26.1	7.8	64.5	M	3.42	161	5.9	20.1	11.9	M	50	M	1234	1343
03-Oct-90	* 16.1	6.7	14.2	M	2.50	296	4.5	18.2	11.5	M	49	M	1235	1346
04-Oct-90	16.6	3.6	0.0	M	4.31	268	4.0	14.5	9.2	M	40	M	1235	1350
05-Oct-90	27.4	4.4	0.0	M	3.90	212	1.4	18.9	9.9	M	38	M	1241	1358
06-Oct-90	16.7	2.5	0.0	M	2.50	349	4.7	14.9	10.2	M	70	M	1241	1362
07-Oct-90	10.1	-0.1	0.0	M	3.75	347	1.7	14.4	8.1	M	48	M	1241	1362
08-Oct-90	9.7	-2.6	0.0	M	2.77	23	1.2	13.1	7.9	M	48	M	1241	1362
09-Oct-90	13.5	-4.4	0.0	M	4.24	186	1.0	13.9	5.5	M	34	M	1241	1364
10-Oct-90	11.6	-4.1	0.0	M	4.16	161	2.4	12.2	5.4	M	34	M	1241	1364
11-Oct-90	10.5	0.2	0.0	M	1.28	332	2.7	9.9	6.3	M	66	M	1241	1365
12-Oct-90	14.4	-3.2	0.0	M	3.81	192	2.6	11.9	5.0	M	43	M	1241	1367
13-Oct-90	15.9	6.0	0.0	M	3.37	190	3.8	13.7	7.8	M	47	M	1242	1370
14-Oct-90	14.5	2.5	0.3	M	3.74	278	3.7	13.4	8.5	M	39	M	1242	1372
15-Oct-90	15.0	-1.0	0.0	M	3.57	224	3.0	12.9	6.1	M	41	M	1242	1375
16-Oct-90	11.9	-2.4	6.9	M	1.35	77	2.6	10.6	6.4	M	65	M	1242	1376
17-Oct-90	16.4	0.0	9.7	M	0.30	7	8.1	9.9	5.5	M	96	M	1242	1379
18-Oct-90	5.6	-3.4	0.0	M	3.77	337	4.2	9.2	4.1	M	71	M	1242	1379
19-Oct-90	10.5	-2.5	0.0	M	1.39	140	5.8	7.4	4.1	M	63	M	1242	1379
20-Oct-90	7.4	1.9	6.1	M	0.70	335	3.2	8.3	5.7	M	83	M	1242	1379
21-Oct-90	6.5	-1.7	0.0	M	3.49	288	3.6	8.7	4.2	M	59	M	1242	1379
22-Oct-90	10.1	0.6	0.0	M	1.49	186	3.2	8.1	4.1	M	73	M	1242	1379
23-Oct-90	10.2	-1.9	0.0	M	3.09	303	3.0	8.8	4.3	M	57	M	1242	1379
24-Oct-90	9.6	-5.0	0.0	M	3.02	320	2.5	8.2	3.8	M	48	M	1242	1379
25-Oct-90	11.7	-6.1	0.0	M	3.28	170	3.5	7.9	3.4	M	47	M	1242	1380
26-Oct-90	21.2	2.4	0.0	M	3.22	199	3.3	11.7	4.6	M	45	M	1244	1386
27-Oct-90	14.1	-2.0	0.0	M	3.13	314	7.4	9.6	5.6	M	41	M	1244	1388
28-Oct-90	11.0	-6.1	0.0	M	3.08	163	3.4	8.0	3.6	M	43	M	1244	1388
29-Oct-90	15.5	-1.3	0.0	M	2.98	111	1.7	10.7	4.2	M	47	M	1244	1391
30-Oct-90	17.5	-0.1	0.0	M	3.03	68	1.5	11.8	4.9	M	42	M	1244	1395
31-Oct-90	20.7	-0.6	0.0	M	2.79	162	3.8	11.9	5.3	M	58	M	1244	1400
MEAN	MEAN	TOTL	TOTL	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	MEAN	TOTL	TOTL
14.1	-0.2	101.6	M	2.97	216	3.4	12.0	6.4	M	52	M	18	69	



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