



WEATHER SUMMARY

FOR THE STATE

OF ALABAMA

1 9 9 2

Compiled by U.S. Department of Commerce/NOAA National Weather Service
Southeast Agricultural Weather Service Center Agricultural Weather Series No. 32
Alabama Agricultural Experiment Station Auburn University
Lowell T. Frobish, Director March 1993 Auburn University, Alabama

TABLE OF CONTENTS

	PAGE
TABLE OF CONTENTS.....	1
CLIMATOLOGICAL PUBLICATIONS FOR AUBURN AND THE STATE OF ALABAMA.....	2
1993 WEATHER SUMMARY FOR STATE OF ALABAMA.....	3
HISTORY OF AUBURN WEATHER STATION AND ADDITIONAL DATA AVAILABLE.....	6
UNITS USED IN THIS PUBLICATION.....	7
1993 DAILY AUBURN WEATHER DATA WITH GRAPHS, MONTHLY SUMMARIES, DAILY NORMAL AND TEMPERATURE EXTREMES AND HISTORICAL RAINFALL SUMMARY.....	8
CLIMATOLOGICAL DATA AND 1993 WEATHER DATA SUMMARY FOR AUBURN, ALABAMA.....	34
AUBURN DAILY NORMALS OF TEMPERATURE AND PRECIPITATION BASED ON 1951-80 DATA.....	35
SUNRISE/SUNSET AND DAYLIGHT TABLES FOR AUBURN, ALABAMA.....	39
1993 PRECIPITATION SUMMARY FOR AAES SUBSTATIONS WITH DEPARTURES FROM NORMAL.....	42
1993 DAILY WEATHER FOR AAES SUBSTATIONS, WITH GRAPHS, MONTHLY SUMMARIES AND HISTORICAL RAINFALL SUMMARY.....	43
TENNESSEE VALLEY SUBSTATION, BELLE MINA.....	44
BREWTON EXPERIMENT FIELD, BREWTON.....	58
LOWER COASTAL PLAIN SUBSTATION, CAMDEN.....	72
PIEDMONT SUBSTATION, CAMP HILL.....	86
CHILTON AREA HORTICULTURE SUBSTATION, CLANTON.....	100
SAND MOUNTAIN SUBSTATION, CROSSVILLE.....	114
GULF COAST SUBSTATION, FAIRHOPE.....	128
WIREGRASS SUBSTATION, HEADLAND.....	142
BLACK BELT SUBSTATION, MARION JUNCTION.....	156
E.V. SMITH RESEARCH CENTER, SHORTER.....	170
UPPER COASTAL PLAIN SUBSTATION, WINFIELD.....	184

DATA COMPILED BY
 U.S. DEPARTMENT OF COMMERCE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 NATIONAL WEATHER SERVICE
 SOUTHEAST AGRICULTURAL WEATHER SERVICE CENTER
 P. O. BOX 3267
 AUBURN, AL 36831-3267
 Telephone: (205) 844-4514
 Electronic Mail Address: staff@awis.auburn.edu

CLIMATOLOGICAL PUBLICATIONS FOR AUBURN, ALABAMA,
AND THE STATE OF ALABAMA

AGRICULTURAL WEATHER SERIES NUMBER	PUBLICATION TITLE
1- 4	1964 TO 1967 AUBURN WEATHER DATA
5	GROWING DEGREE DAYS FOR ALABAMA
6- 16	1968 TO 1971 AUBURN WEATHER DATA
17	CLIMATE OF FREEZE IN ALABAMA
18	PRECIPITATION PROBABILITIES AND STATISTICS FOR ALABAMA
19- 22	1979 TO 1982 AUBURN WEATHER DATA
23	1983 ALA. AG. EXP. STA. WEATHER DATA
24	1984 ALA. AG. EXP. STA. WEATHER DATA
25	1985 ALA. AG. EXP. STA. WEATHER DATA
26	1986 ALA. AG. EXP. STA. WEATHER DATA
27	1987 ALA. AG. EXP. STA. WEATHER DATA
28	1988 ALA. AG. EXP. STA. WEATHER DATA
29	1989 ALA. AG. EXP. STA. WEATHER DATA
30	1990 ALA. AG. EXP. STA. WEATHER DATA
31	1991 ALA. AG. EXP. STA. WEATHER DATA
32	1992 ALA. AG. EXP. STA. WEATHER DATA
33	1993 ALA. AG. EXP. STA. WEATHER DATA

Other Publications of Interest:

AAES Special Report	Climatic Estimates for the E.V. Smith Research Center
ESSC Special Report	Alabama Daily Temperature Normals
AAES Bulletin 477	An Atlas and Tables of Thunderstorm Probabilities in the Southeast
AAES Bulletin 517	Climatic Features and Length of Growing Season in Alabama

1993 WEATHER SUMMARY FOR THE STATE OF ALABAMA

ANNUAL SUMMARY

It was a year of extremes across Alabama, ranging from the "Blizzard of 93" in March which brought record snowfall up to 13 inches in parts of the state to the sweltering 100 degree plus temperatures in July. However, for the year, temperatures ranged within one or two degrees of normal except for a few locations which were three degrees below normal. Extreme lows for the year were mainly recorded during the March snowstorm and ranged from near 0 over locations that received the heaviest snow, single digits over the north, teens south, and lower to mid 20s extreme south and coast. The number of days with freezing temperatures ranged from near 10 days along the coast and extreme southeast to near 100 days in the colder locations of the north. Extreme highs for the year mainly occurred in July and ranged from middle to upper 90s along the coast and northeast to low 100s elsewhere. Temperatures exceeded 90 degrees on 45 to 75 days in the north and 75 to 105 days in the south. Precipitation for the year was generally below normal, except at a few locations in the central and southwest where totals were 1 to 4 inches above normal. Rainfall amounts ranged from near normal to 5 inches below in the western half of the state to 5 to 15 inches below normal over the east. Total amounts varied from 35 to 65 inches.

MONTHLY HIGHLIGHTS

The year started with a warm and wet **January**. Average temperatures were 4 to 6 degrees above normal. The warmest temperatures ranged from middle and upper 60s north, 70 central, middle 70s near the coast and along the Florida border. Extreme lows into the lower 20s were common in the north and west, with some upper teens in colder locations, to around 30 degrees elsewhere except for middle 30s near the coast. The northern half of the state had temperatures of 25 or lower on 1 to 3 days. Rain was reported on 10 to 15 days over the entire state. Totals between 4 and 6 inches were reported with over 7 inches in Mobile and Baldwin counties and local areas elsewhere. Most totals were 1 to 4 inches above normal except for near an inch below normal in the extreme northwest and some counties along the eastern border.

In contrast the average temperatures for **February** were 1 to 4 degrees below normal with less rain. Daytime highs reached the low and middle 70s except for the northeast where only upper 60s were recorded. Lows into the low and middle teens were noted across the northern third of the state and ranged to upper 20s toward the coast. One to 2 days in the central, and local areas of the south, had temperatures below 25 degrees while in the north 3 to 6 days of such temperatures were recorded. Rain occurred on 5 to 10 days during the month. Most totals were between 2 and 4 inches except for near the coast where most totals were a little over 4 inches. Generally totals were a little over 1 inch below normal except for near the coast where the amounts were only around one half inch below normal.

The cool weather continued into **March** with average temperatures mostly 2 to 5 degrees below normal. Lows reached the teens and single digits in the northern half of the state with middle teens down to the Florida border. Only the extreme southeast corner of the state and near coastal areas had extreme lows only in the low to middle 20s. Two to 4 days had temperatures below 25 degrees in the north and 1 to 2 days elsewhere. Afternoon highs warmed to the low and middle 80s. Precipitation was reported on 10 to 15 days in the north and 9 to 11 days elsewhere. On the 13th and 14th a major winter storm moved through the state providing up to 13 inches of snow to some areas in the northern half of the state. Monthly rain totals in the north and west were generally between 3 and 5 inches and 1 to 2 inches below normal but over 6 inches did occur in local areas. In the southeast third of the state most rain totals were 6 to 8 inches which was 1 to 4 inches above normal but over 9 inches did occur in local areas.

Quite cool weather was recorded into **April** with average temperatures 4 to 7

degrees below normal. Lows ranged from around 30 north to lower 40s near the coast with highs reaching the low to middle 80s. Freezing temperatures occurred on 1 to 4 days in the north and 1 day in colder locations in the central and south. Rain was recorded on 5 to 9 days with amounts generally between 2 and 4 inches which was 1 to 2 inches below normal.

Average temperatures of 1 to 3 degrees below normal were common in **May**. Lows cooled to the low and middle 40s except for a few upper 30s in colder locations of the north. Highs were around 90. Eleven to 15 days had rain recorded except near the coast and extreme southeast corner where 6 to 9 days had rain. Actual totals were mostly between 2 and 4 inches and 1 to 2 inches below normal. The main exception was in some west central and coastal counties where totals of 6 to 8 inches were more typical and this was near an inch above normal.

About normal temperatures occurred in **June**. Lows ranged from upper 40s in the northeast to middle 50s in Mobile and Baldwin counties. Highs reached the upper 90s in the southeast third of the state with low and middle 90s elsewhere. Temperatures exceeded 90 degrees on only 2 to 3 days in the northeast but 15 to 21 days elsewhere. Rain totals were mostly between 2 and 3 inches except for over 5 inches in a few local areas. These totals varied from 2 inches above normal to 2 inches below normal with the driest area being the southeast quarter of the state. Rain was recorded on 7 to 10 days.

The above normal temperatures continued during **July** with the average temperatures some 1 to 4 degrees above normal. Highs warmed to 100 or more over all but the southwest where upper 90s were recorded. Temperatures were above the 100 degree reading on 1 to 5 days in the northern half of the state with Birmingham and Montgomery recording temperatures above 100 on 7 to 9 days. Reading of 90 or higher were noted on 25 to 31 days over the state. Lows ranged from around 60 in the northeast to lower 70s closer to the coast. July was a dry month with rain recorded on only 4 to 8 days in the north and central but 10 to 17 days in the south. Rain totals varied over a wide range. Many areas recorded only 1 to 2 inches of rain which was 1 to 4 inches below normal but amounts varied from less than on half inch to over 3 inches. The main exception was right along the Florida border and Mobile and Baldwin counties where totals ranged from 5 to 10 inches and were up to 4 inches above normal.

The temperatures continued a little above normal in **August** but the extremes were not as great. Highs only reached the middle and upper 90s over the state with lows in the 50s in the extreme northeast and a few local areas in the north to generally lower 60s elsewhere except for lower 70s near the coast. Nine to 15 days had rain recorded. Most totals were 3 to 6 inches and near an inch above normal. Over 7 inches was recorded in local areas near the coast but less than 2 inches and a deficit over 3 inches was more common.

Rain in **September** was mostly between 3 and 5 inches and 1 to 2 inches above normal except for some counties along the southeast border with Georgia where amounts were under 2 inches and near one inch below normal. The number of rain days was 8 to 12 over all but the southeast where 6 to 8 days were more typical and near the coast with around 15 days. Temperatures varied from 1 to 2 degrees below normal in the northern half of the state to a degree or so above normal in the south. Highs reached the middle 90s over the state. Lows were generally in the middle 40s but did range from upper 30s in colder locations of the north to lower 50s near the coast.

Temperatures ranged from a degree or so below normal in the north to a little above normal in the south during **October**. Highs ranged from the middle 80s north to upper 80s central and south. Lows cooled to around 30 over the state except for low and middle 30s near the coast and the extreme southeast corner of the state. Five to 8 days had rain reported. Rain amounts were mostly between 1 and 2 inches in the north and elsewhere except for 5 to 7 inches near the coast and along the Florida border. This ranged from an inch or so below normal north to 4 inches

above normal along the Florida border.

Average temperatures in **November** were mostly 1 to 3 degrees below normal with rain on 6 to 9 days. The warmest highs for the month ranged from middle and upper 70s in the northeast to low and middle 80s central and south. Lows into the middle 20s were recorded in the north, with some upper teens in colder locations. Middle and upper 20s were common in the central and south with a few lower 20s in normally colder areas. The number of days with freezing temperatures ranged from 3 near the coast to 6 to 10 in the central and south with 10 to 15 in the north. Most monthly rain totals were 2 to 4 inches but local amounts of 5 to 9 inches did occur. The lower rain amounts were generally a little below normal.

December temperatures were 1 to 4 degrees below normal. Highs reached the middle 60s in the north and ranged to middle 70s in the southern half. Middle and upper teens were common in the north. Freezing temperatures were recorded between 10 and 15 days during the month. Lows around 20 were recorded in the central and south except for middle 20s in Mobile and Baldwin counties. The number of freeze days were between 8 and 13 except for near the coast where only 3 to 4 days had freezing temperatures. Rain was recorded on 8 to 13 days during the month with amounts generally between 3 and 5 inches. Most of the totals were a little below normal with the lower totals being about an inch below normal.

HISTORY OF THE AUBURN, ALABAMA, WEATHER STATION

The first official weather records for Auburn, Alabama, began in May 1884. There is no record of the exact location of the station. Weather data taken from May 1884 through March 1906 were destroyed in a fire. Dr. J. T. Anderson established a new station on April 1, 1906. It was located about one-half mile southwest of the Auburn First Baptist Church or the old post office.

On April 13, 1947, the station was moved to the home of Mrs. Martha I. Moore. This location was about 1.3 miles west-southwest of the Auburn First Baptist Church. Mrs. Moore moved on January 2, 1952, to a location 3 miles southwest of the Auburn First Baptist Church. The station remained there until January 1971.

The U. S. Weather Bureau (now the National Weather Service) created an Advisory Agricultural Meteorologist (AAM) position at Auburn in the fall of 1963. Paul Mott established a micrometeorological weather station on the south end of the Auburn University Agronomy Farm on September 1, 1963. In July 1973, the National Weather Service replaced the AAM position by establishing the Environmental Studies Service Center and the staff of that office started taking observations at the same weather station. In 1981, the office was renamed the Southeast Agricultural Weather Service Center.

Auburn's weather observations continue to be taken at the Auburn University Agronomy Farm location by the staff of the Southeast Agricultural Weather Service Center.

ADDITIONAL DATA AVAILABLE FROM AUBURN, ALABAMA

Agricultural data other than that published here is available from the Southeast Agricultural Weather Service Center, Auburn University, Alabama, and includes:

1. MAXIMUM/MINIMUM 2-inch air temperature over grass
2. MAXIMUM/MINIMUM 2-inch air temperature over fallow soil
3. MAXIMUM/MINIMUM soil temperatures (2- and 8-inch level)
4. Open pan evaporation maximum/minimum/mean water temperature
5. Miles of wind across the open evaporation pan
6. Relative humidity at 1 a.m., 7 a.m., 1 p.m., 7 p.m.
7. Average wind direction and speed and maximum gust from 6 p.m. to 6 a.m. and 6 a.m. to 6 p.m.
8. Minutes of sunshine and percent of possible sunshine
9. Maximum/minimum/mean barometric pressure during 24-hour period.

INFORMATION CONTAINED HEREIN IS AVAILABLE TO ALL WITHOUT REGARD FOR RACE, COLOR, SEX, OR NATIONAL ORIGIN.

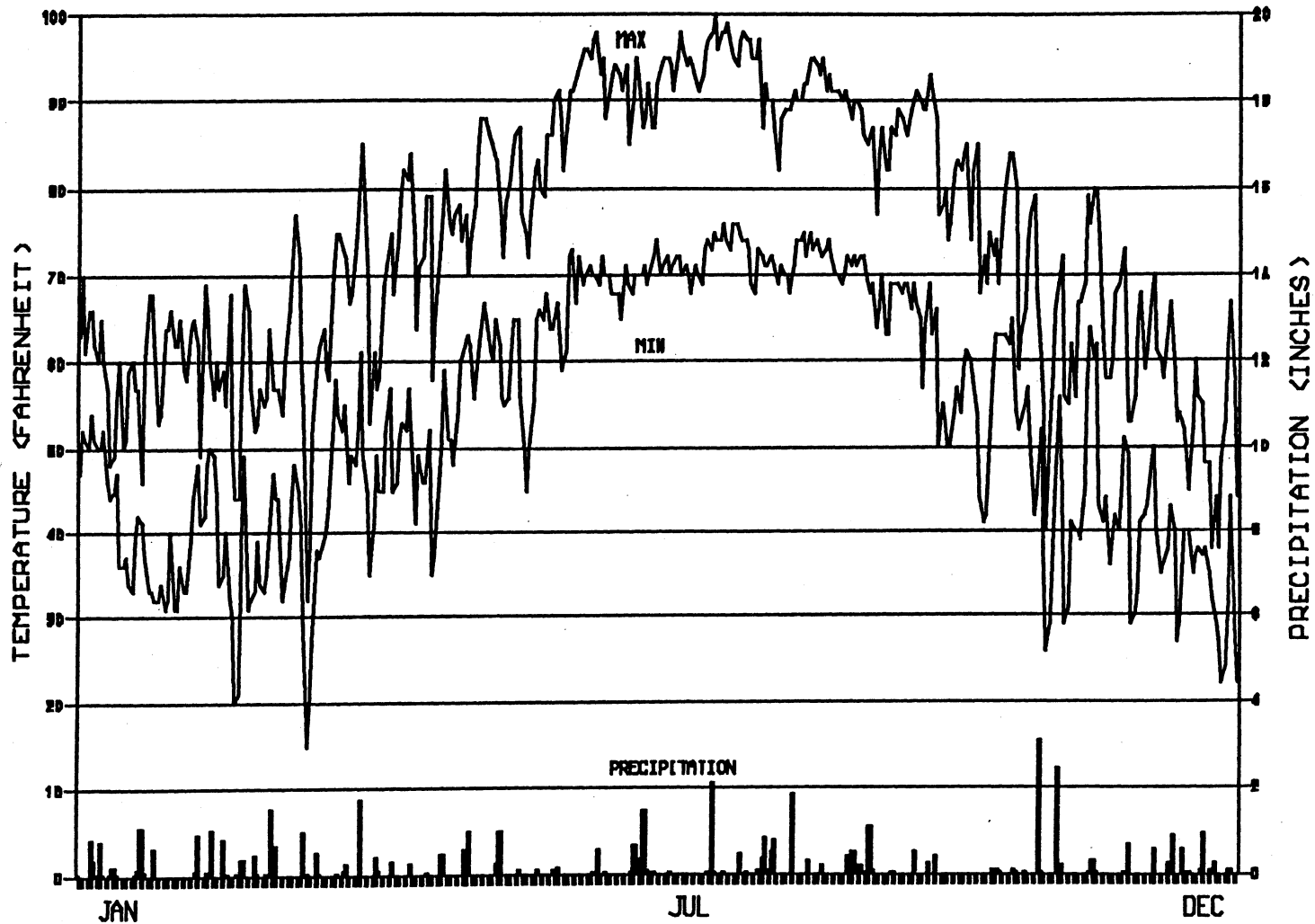
UNITS USED IN THIS PUBLICATION

1. "NA" means an observation is missing or not reported. Observations are taken at 7 a.m. CST daily and are for the previous 24 hours.
2. Temperatures are in degrees fahrenheit. PRECIPitation in inches. A trace of precipitation is less than 0.01 inch.
3. MAX is MAXimum. MIN is MINimum.
4. AVG is AVeraGe and MEAN is MEAN computed by $(MAX + MIN) / 2$.
5. DFN is the Departure From Normals based on 1951-1980 data.
6. GDD is Growing Degree Days. The value is computed daily when the average daily temperature is greater than the threshold temperature. For B60 and B50, the threshold temperatures are 60 and 50 degrees, respectively. A cumulative total beginning on the first of each month is provided each day. The formula used is:
$$GDD = AVG \text{ DAILY AIR TEMPERATURE} - THRESHOLD \text{ TEMPERATURE}$$
7. EVAP is open pan EVAPoration in inches.
8. VEG WET is VEGetative WETting in hours from noon on the previous day to noon on the day of observation.
9. SOLAR ENERGY is in watts per square meter for the previous 24 hours ending at 7 a.m. CST daily.

DISCLAIMER

The data contained in this publication may differ from that published in the Alabama Climatological Data by the National Climatic Data Center (NCDC), Asheville, N.C. The NCDC data are not collected or quality controlled in real-time as are the data in this publication.

Auburn
Daily Precipitation, Maximum and Minimum Temperature
January 1 - December 31 1993



Monthly precipitation summary: Auburn

For the period: Sunday January 1, 1984
to: Thursday December 31, 1992

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1984	3.96	3.68	6.14	3.51	5.74	2.87	4.76	3.87	0.57	2.86	2.69	3.31	43.96
	-1.18	-1.87	-0.71	-1.80	1.51	-0.98	-0.98	0.28	-3.75	0.03	-0.73	-2.17	-12.35
1985	3.02	7.48	2.25	2.01	1.74	3.73	11.10	2.19	1.20	3.15	5.13	2.26	45.26
	-2.12	2.14	-4.60	-3.30	-2.49	-0.12	5.36	-1.40	-3.12	0.32	1.71	-3.22	-10.84
1986	2.17	4.62	7.69	0.60	1.07	3.61	4.03	3.25	4.76	6.13	12.54	2.54	53.01
	-2.97	-0.72	0.84	-4.71	-3.16	-0.24	-1.71	-0.34	0.44	3.30	9.12	-2.94	-3.09
1987	5.86	6.98	5.28	0.73	5.27	5.79	9.71	2.56	2.07	0.45	4.00	3.92	52.62
	0.72	1.64	-1.57	-4.58	1.04	1.94	3.97	-1.03	-2.25	-2.38	0.58	-1.56	-3.48
1988	5.84	3.79	3.00	5.16	1.19	1.56	11.11	4.06	7.13	1.67	7.00	2.23	53.74
	0.70	-1.76	-3.85	-0.15	-3.04	-2.29	5.37	0.47	2.81	-1.16	3.58	-3.25	-2.57
1989	2.84	2.62	6.19	7.87	2.94	11.54	7.58	1.71	7.70	3.96	3.43	7.25	65.63
	-2.30	-2.72	-0.66	2.56	-1.29	7.69	1.84	-1.88	3.38	1.13	0.01	1.77	9.53
1990	6.06	5.16	9.35	4.08	3.66	0.82	3.45	0.62	2.49	1.79	2.10	3.85	43.43
	0.92	-0.18	2.50	-1.23	-0.57	-3.03	-2.29	-2.97	-1.83	-1.04	-1.32	-1.63	-12.67
1991	7.49	2.55	7.56	3.45	8.30	5.79	4.34	1.55	5.97	0.23	5.01	3.06	55.30
	2.35	-2.79	0.71	-1.86	4.07	1.94	-1.40	-2.04	1.65	-2.60	1.59	-2.42	-0.80
1992	7.04	6.62	4.02	2.19	1.18	5.07	4.91	6.47	3.95	2.45	12.89	4.19	60.98
	1.90	1.07	-2.83	-3.12	-3.05	1.22	-0.83	2.88	-0.37	-0.38	9.47	-1.29	4.67

SUMMARY FOR 1984 TO 1992													
	5.14	5.55	6.85	5.31	4.23	3.85	5.74	3.59	4.32	2.83	3.42	5.48	56.31
	-1.98	-5.19	-10.17	-18.19	-6.98	6.13	9.33	-6.03	-3.04	-2.78	24.01	-16.71	-31.60

YEARLY TOTALS: LINE 1 OBSERVED MONTHLY RAIN TOTALS
LINE 2 DEPARTURE FROM NORMAL (DFN)
SUMMARY TOTALS: LINE 1 NORMAL MONTHLY RAIN TOTALS
LINE 2 CUMULATIVE MONTHLY DFN

NOTE: All Precip normals are based on the 1951-80 period.
Missing MONTHLY or YEARLY totals are NOT included
in the summary totals!

1993 Daily Auburn Weather Data with Monthly Summaries and Daily Normal and Temperature Extremes

Daily Weather Observations: Auburn

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
1/ 1	63	47	55	10	0	5	0.01	61	51	56	0.06	19	2443
1/ 2	70	52	61	16	1	16	0.00	63	51	57	0.15	0	2974
1/ 3	61	51	56	11	1	22	0.00	57	51	54	0.14	0	2026
1/ 4	66	50	58	13	1	30	0.00	61	51	56	0.11	3	3191
1/ 5	66	54	60	15	1	40	0.86	60	52	56	NA	24	764
1/ 6	62	51	57	12	1	47	0.35	60	55	58	0.02	24	812
1/ 7	60	50	55	10	1	52	0.05	60	54	57	0.02	24	1234
1/ 8	65	50	58	13	1	60	0.77	58	54	56	0.08	24	727
1/ 9	60	52	56	11	1	66	0.01	59	54	57	0.03	21	708
1/10	57	46	52	7	1	68	0.00	57	51	54	0.02	24	879
1/11	48	44	46	1	1	68	0.05	52	49	51	0.02	24	603
1/12	49	45	47	2	1	68	0.19	51	49	50	0.02	24	438
1/13	56	47	52	7	1	70	0.02	53	49	51	0.05	24	633
1/14	60	36	48	3	1	70	0.00	59	44	52	0.01	16	3107
1/15	50	36	43	-2	1	70	0.00	51	44	48	0.10	0	1922
1/16	51	37	44	0	1	70	0.00	48	43	46	0.02	1	878
1/17	59	34	47	3	1	70	0.00	56	41	49	0.06	6	3406
1/18	60	33	47	3	1	70	0.00	56	41	49	0.11	7	3872
1/19	57	39	48	4	1	70	0.05	52	44	48	0.05	NA	1452
1/20	57	42	50	6	1	70	0.15	56	48	52	0.01	20	1294
1/21	46	41	44	0	1	70	1.06	48	46	47	NA	24	552
1/22	60	37	49	4	1	70	0.07	54	44	49	0.06	24	1117
1/23	68	33	51	6	1	71	0.00	59	42	51	0.11	4	4076
1/24	68	33	51	6	1	72	0.00	59	42	51	0.12	9	4320
1/25	62	32	47	2	1	72	0.60	55	39	47	0.02	2	1002
1/26	53	32	43	-2	1	72	0.00	51	38	45	0.13	0	3878
1/27	54	34	44	-1	1	72	0.00	50	38	44	0.13	0	3377
1/28	64	31	48	3	1	72	0.00	55	38	47	0.14	0	4465
1/29	64	32	48	3	1	72	0.00	55	39	47	0.13	0	3809
1/30	66	40	53	8	1	75	0.00	56	43	50	0.14	0	2692
1/31	62	31	47	1	1	75	0.00	58	40	49	0.11	0	4212

AIR TEMPERATURES (in degrees F):

Mean Maximum= 59.5 Mean Minimum= 41.0 Average= 50.3
 DFN= +4.0 DFN= +7.3 DFN= +5.7
 Highest= 70 Lowest= 31

PRECIPITATION STATISTICS (inches):

Total= 4.24 DFN= -0.90 Greatest Daily= 1.06 Rain Days= 14
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 63 Lowest= 38 Average= 51

AVERAGE DAILY VALUES:

 Pan Evaporation= .07 (in)
 Hours of Wet Vegetation= 11.6
 Solar Radiation= 2156.9 (W/Sq M ystdy)

CLIMATOLOGICAL DATA

AUBURN, ALABAMA

DAILY TEMPERATURE NORMAL AND EXTREMES
JANUARY

DAY	DAILY NORMAL			RECORD TEMPERATURES	
	MAXIMUM	MINIMUM	DAY MEAN	HIGH YEAR	LOW YEAR
1	56	34	45	74 1985	15 1984
2	56	34	45	79 1952	8 1928
3	56	34	45	77 1952	11 1919
4	56	34	45	76 1917	6 1919
5	55	34	45	76 1950	15 1959
6	55	34	45	76 1950	6 1924
7	55	34	45	77 1913	12 1970
8	55	34	45	75 1946	10 1970
9	55	34	45	76 1930	5 1970
10	55	34	45	77 1957	12 1970
11	55	34	45	79 1949	1 1982
12	55	34	45	81 1949	1 1982
13	55	34	45	75 1937	6 1918
14	55	34	45	78 1932	15 1981
15	55	34	45	75 1952	10 1948
16	55	33	44	79 1943	10 1972
17	55	33	44	79 1952	6 1977
18	55	33	44	77 1929	7 1977
19	55	33	44	78 1952	3 1977
20	55	33	44	79 1927	5 1977
21	55	33	44	81 1923	-7 1985
22	56	33	45	78 1927	-6 1985
23	56	33	45	78 1937	8 1961
24	56	33	45	78 1920	0 1963
25	56	34	45	78 1943	1 1963
26	56	34	45	79 1950	9 1940
27	56	34	45	78 1950	7 1940
28	56	34	45	78 1916	9 1986
29	56	34	45	79 1947	5 1966
30	56	34	45	80 1975	1 1966
31	57	34	46	82 1975	13 1909

All temperatures are in degrees Fahrenheit.
Normals are based on the period 1951-80.
Records begin with 1906 data.

Daily Weather Observations: Auburn

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
2/ 1	62	31	47	1	0	0	0.00	55	40	48	0.17	0	4606
2/ 2	65	36	51	5	0	1	0.00	58	40	49	0.16	0	4506
2/ 3	59	33	46	0	0	1	0.00	57	38	48	0.16	0	4743
2/ 4	58	33	46	0	0	1	0.00	55	38	47	0.12	0	4759
2/ 5	64	39	52	6	0	3	0.00	56	40	48	0.14	0	3562
2/ 6	65	44	55	9	0	8	0.00	59	41	50	0.14	11	4287
2/ 7	62	48	55	9	0	13	0.11	56	48	52	0.06	22	2093
2/ 8	49	41	45	-1	0	13	0.91	50	45	48	NA	0	426
2/ 9	69	42	56	10	0	19	0.00	60	45	53	0.16	9	4866
2/10	66	48	57	11	0	26	0.00	59	45	52	0.11	9	4117
2/11	60	50	55	9	0	31	0.10	58	51	55	0.08	24	1877
2/12	56	49	53	6	0	34	1.04	54	50	52	0.15	3	612
2/13	60	45	53	6	0	37	0.00	56	48	52	0.07	7	2615
2/14	57	34	46	-1	0	37	0.00	56	42	49	0.08	0	3403
2/15	59	35	47	0	0	37	0.00	57	42	50	0.15	13	4845
2/16	55	40	48	1	0	37	0.85	49	44	47	NA	1	1738
2/17	68	32	50	3	0	37	0.03	60	41	51	0.03	0	3267
2/18	50	30	40	-8	0	37	0.00	52	39	46	0.10	0	3952
2/19	44	20	32	-16	0	37	0.00	52	36	44	NA	5	5295
2/20	44	21	33	-15	0	37	0.01	46	36	41	NA	9	3347
2/21	58	40	49	1	0	37	0.06	51	41	46	0.11	5	1251
2/22	69	49	59	10	0	46	0.36	58	51	55	NA	0	1066
2/23	66	31	49	0	0	46	0.00	61	42	52	0.18	0	5130
2/24	57	32	45	-4	0	46	0.00	57	40	49	0.15	0	5565
2/25	52	33	43	-6	0	46	0.00	53	40	47	0.15	16	3900
2/26	53	39	46	-3	0	46	0.47	49	42	46	0.17	0	2007
2/27	57	34	46	-4	0	46	0.01	54	42	48	0.08	0	2709
2/28	55	33	44	-6	0	46	0.00	57	40	49	0.11	0	5149

AIR TEMPERATURES (in degrees F):

Mean Maximum= 58.5 Mean Minimum= 37.2 Average= 47.9
 DFN= -0.6 DFN= +1.9 DFN= +0.7
 Highest= 69 Lowest= 20

PRECIPITATION STATISTICS (inches):

Total= 3.95 DFN= -1.39 Greatest Daily= 1.04 Rain Days= 11
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 61 Lowest= 36 Average= 49

AVERAGE DAILY VALUES:

 Pan Evaporation= .12 (in)
 Hours of Wet Vegetation= 4.8
 Solar Radiation= 3417.6 (W/Sq M ystdy)

CLIMATOLOGICAL DATA

AUBURN, ALABAMA

DAILY TEMPERATURE NORMAL AND EXTREMES
FEBRUARY

DAY	DAILY NORMAL			RECORD TEMPERATURES	
	MAXIMUM	MINIMUM	DAY MEAN	HIGH YEAR	LOW YEAR
1	57	34	46	78 1957	17 1936
2	57	34	46	80 1957	10 1951
3	57	34	46	77 1989	9 1951
4	57	34	46	80 1927	10 1958
5	57	34	46	81 1957	19 1947
6	57	34	46	80 1957	17 1978
7	58	34	46	78 1957	16 1988
8	58	34	46	80 1957	18 1988
9	58	34	46	80 1957	11 1933
10	58	34	46	79 1939	15 1947
11	58	34	46	79 1932	17 1973
12	59	35	47	79 1922	12 1981
13	59	35	47	79 1922	13 1981
14	59	35	47	82 1962	15 1958
15	59	35	47	80 1959	13 1943
16	59	35	47	80 1921	16 1958
17	59	35	47	81 1927	8 1958
18	60	36	48	78 1956	8 1958
19	60	36	48	77 1956	12 1958
20	60	36	48	79 1956	18 1958
21	60	36	48	78 1986	17 1958
22	61	36	49	78 1976	12 1963
23	61	37	49	79 1927	14 1963
24	61	37	49	78 1980	16 1989
25	61	37	49	81 1918	16 1967
26	61	37	49	80 1944	17 1967
27	62	38	50	81 1945	12 1963
28	62	38	50	82 1962	18 1963

All temperatures are in degrees Fahrenheit.
Normals are based on the period 1951-80.
Records begin with 1906 data.

Daily Weather Observations: Auburn

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
3/ 1	56	35	46	-4	0	0	0.00	55	40	48	0.13	0	4409
3/ 2	64	39	52	2	0	2	0.05	60	41	51	0.09	10	4928
3/ 3	57	47	52	1	0	4	1.53	53	49	51	NA	24	1157
3/ 4	57	44	51	0	0	5	0.69	54	47	51	NA	23	730
3/ 5	57	44	51	0	0	6	0.00	57	47	52	0.14	0	3640
3/ 6	54	32	43	-9	0	6	0.00	55	41	48	0.09	6	3528
3/ 7	60	34	47	-5	0	6	0.00	60	41	51	0.12	5	5776
3/ 8	66	37	52	0	0	8	0.00	59	42	51	0.16	5	5184
3/ 9	72	44	58	6	0	16	0.00	63	45	54	0.20	2	6121
3/10	77	48	63	10	3	29	0.00	68	47	58	0.21	0	6027
3/11	72	45	59	6	3	38	0.00	67	48	58	0.22	0	5820
3/12	60	41	51	-2	3	39	0.00	62	46	54	0.21	0	4680
3/13	55	29	42	-12	3	39	0.99	55	41	48	NA	21	2485
3/14	32	15	24	-30	3	39	0.01	41	38	40	NA	6	2835
3/15	38	20	29	-25	3	39	0.00	38	38	38	NA	0	6627
3/16	52	28	40	-14	3	39	0.00	38	36	37	NA	0	6131
3/17	60	38	49	-6	3	39	0.50	46	35	41	NA	18	3858
3/18	62	37	50	-5	3	39	0.04	55	42	49	0.03	4	2799
3/19	64	39	52	-3	3	41	0.00	61	42	52	NA	0	6224
3/20	59	40	50	-6	3	41	0.00	57	43	50	NA	0	5564
3/21	58	43	51	-5	3	42	0.00	53	43	48	0.06	0	2727
3/22	71	52	62	6	5	54	0.00	65	49	57	0.05	4	4231
3/23	75	58	67	11	12	71	0.00	66	54	60	0.03	4	4340
3/24	75	54	65	8	17	86	0.02	67	56	62	NA	15	2608
3/25	73	52	63	6	20	99	0.00	72	52	62	0.01	0	6914
3/26	72	55	64	7	24	113	0.07	64	52	58	0.06	14	3342
3/27	67	46	57	-1	24	120	0.26	62	52	57	0.27	7	1650
3/28	68	49	59	1	24	129	0.00	64	52	58	0.01	11	3280
3/29	75	48	62	4	26	141	0.00	71	52	62	NA	0	6958
3/30	80	52	66	7	32	157	0.00	74	52	63	0.05	0	6860
3/31	85	61	73	14	45	180	1.75	76	55	66	0.09	16	5110

AIR TEMPERATURES (in degrees F):

Mean Maximum= 63.6 Mean Minimum= 42.1 Average= 52.9
 DFN= -2.7 DFN= -0.2 DFN= -1.5
 Highest= 85 Lowest= 15

PRECIPITATION STATISTICS (inches):

Total= 5.91 DFN= -0.94 Greatest Daily= 1.75 Rain Days= 11
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 76 Lowest= 35 Average= 53

AVERAGE DAILY VALUES:

 Pan Evaporation= .11 (in)
 Hours of Wet Vegetation= 6.3
 Solar Radiation= 4404.6 (W/Sq M ystdy)

CLIMATOLOGICAL DATA

AUBURN, ALABAMA

DAILY TEMPERATURE NORMAL AND EXTREMES
MARCH

DAY	DAILY NORMAL			RECORD TEMPERATURES			
	MAXIMUM	MINIMUM	DAY MEAN	HIGH	YEAR	LOW	YEAR
1	62	38	50	81	1932	20	1941
2	62	38	50	82	1932	18	1980
3	63	39	51	82	1918	12	1980
4	63	39	51	81	1910	13	1943
5	63	39	51	84	1976	17	1960
6	63	40	52	82	1961	16	1960
7	64	40	52	83	1911	23	1920
8	64	40	52	84	1925	20	1920
9	64	40	52	86	1925	26	1932
10	65	41	53	87	1974	17	1932
11	65	41	53	86	1925	22	1934
12	65	41	53	85	1967	26	1969
13	65	42	54	89	1923	23	1932
14	66	42	54	84	1963	15	1993
15	66	42	54	82	1955	20	1993
16	66	42	54	84	1945	25	1916
17	67	43	55	89	1945	27	1924
18	67	43	55	87	1945	25	1941
19	67	43	55	86	1982	26	1960
20	68	43	56	89	1938	22	1923
21	68	44	56	87	1927	24	1960
22	68	44	56	85	1921	21	1960
23	68	44	56	84	1939	26	1955
24	69	44	57	89	1929	25	1968
25	69	45	57	86	1954	26	1983
26	69	45	57	87	1910	29	1979
27	70	45	58	89	1910	17	1955
28	70	46	58	84	1910	24	1955
29	70	46	58	85	1945	26	1955
30	71	46	59	86	1946	27	1964
31	71	46	59	85	1993	26	1950

All temperatures are in degrees Fahrenheit.
Normals are based on the period 1951-80.
Records begin with 1906 data.

Daily Weather Observations: Auburn

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
4/ 1	80	49	65	6	5	15	0.00	73	55	64	0.21	1	5442
4/ 2	69	45	57	-3	5	22	0.00	66	51	59	0.21	0	5300
4/ 3	53	35	44	-16	5	22	0.00	59	44	52	0.10	0	3660
4/ 4	61	41	51	-9	5	23	0.00	61	44	53	0.13	4	5229
4/ 5	57	49	53	-8	5	26	0.41	55	51	53	0.05	NA	1263
4/ 6	58	45	52	-9	5	28	0.10	57	51	54	0.02	NA	844
4/ 7	69	45	57	-4	5	35	0.00	70	51	61	0.13	NA	7198
4/ 8	71	52	62	1	7	47	0.00	71	53	62	0.18	NA	7208
4/ 9	75	57	66	4	13	63	Trace	70	55	63	0.22	NA	5867
4/10	68	45	57	-5	13	70	0.33	66	52	59	0.08	NA	2906
4/11	74	46	60	-2	13	80	0.00	70	52	61	0.02	NA	7319
4/12	79	51	65	3	18	95	0.00	74	54	64	NA	NA	7603
4/13	82	53	68	5	26	113	0.00	78	56	67	0.11	NA	7613
4/14	81	52	67	4	33	130	0.00	79	58	69	NA	10	7184
4/15	84	57	71	8	44	151	0.00	78	60	69	NA	3	6342
4/16	75	47	61	-3	45	162	0.25	70	55	63	0.22	0	3321
4/17	64	41	53	-11	45	165	0.00	71	51	61	0.23	3	6879
4/18	71	49	60	-4	45	175	0.00	75	52	64	NA	0	7893
4/19	72	46	59	-5	45	184	0.00	74	55	65	NA	1	5645
4/20	79	46	63	-2	48	197	0.00	80	55	68	0.26	3	7878
4/21	79	52	66	1	54	213	0.06	82	58	70	0.22	6	6919
4/22	58	35	47	-18	54	213	0.00	72	50	61	0.20	1	5583
4/23	65	37	51	-14	54	214	0.00	76	51	64	0.23	4	8113
4/24	73	46	60	-6	54	224	0.00	81	53	67	0.24	4	7998
4/25	77	50	64	-2	58	238	0.00	78	58	68	0.22	6	6503
4/26	82	59	71	5	69	259	0.47	83	61	72	0.23	8	6203
4/27	76	51	64	-2	73	273	0.00	80	57	69	0.30	0	7724
4/28	75	51	63	-4	76	286	0.00	79	56	68	0.19	0	8340
4/29	77	48	63	-4	79	299	0.00	81	57	69	0.27	0	8292
4/30	78	54	66	-1	85	315	0.00	82	58	70	0.26	0	8206

AIR TEMPERATURES (in degrees F):

Mean Maximum= 72.1 Mean Minimum= 47.8 Average= 59.9
 DFN= -3.7 DFN= -2.6 DFN= -3.2
 Highest= 84 Lowest= 35

PRECIPITATION STATISTICS (inches):

Total= 1.62 DFN= -3.69 Greatest Daily= 0.47 Rain Days= 6
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 83 Lowest= 44 Average= 63

AVERAGE DAILY VALUES:

 Pan Evaporation= .18 (in)
 Hours of Wet Vegetation= 2.6
 Solar Radiation= 6215.8 (W/Sq M ystdy)

CLIMATOLOGICAL DATA

AUBURN, ALABAMA

DAILY TEMPERATURE NORMAL AND EXTREMES
APRIL

DAY	DAILY NORMAL			RECORD TEMPERATURES			
	MAXIMUM	MINIMUM	DAY MEAN	HIGH	YEAR	LOW	YEAR
1	71	47	59	86	1974	25	1987
2	72	47	60	85	1986	30	1961
3	72	47	60	86	1945	32	1987
4	73	47	60	87	1934	27	1987
5	73	48	61	87	1934	28	1987
6	73	48	61	86	1988	29	1952
7	73	48	61	87	1967	29	1950
8	74	48	61	89	1919	33	1950
9	74	49	62	92	1927	35	1985
10	74	49	62	86	1978	32	1938
11	75	49	62	86	1930	28	1960
12	75	49	62	86	1930	33	1918
13	75	50	63	86	1945	27	1940
14	76	50	63	88	1945	30	1962
15	76	50	63	88	1972	31	1943
16	76	51	64	91	1925	29	1962
17	76	51	64	89	1914	31	1949
18	77	51	64	91	1955	34	1962
19	77	51	64	89	1955	28	1983
20	77	52	65	88	1927	32	1953
21	77	52	65	89	1946	32	1953
22	78	52	65	90	1987	35	1993
23	78	52	65	92	1987	33	1986
24	78	53	66	92	1925	38	1959
25	78	53	66	88	1960	34	1910
26	79	53	66	90	1924	36	1910
27	79	53	66	90	1986	38	1978
28	79	54	67	91	1986	40	1928
29	79	54	67	90	1943	40	1928
30	80	54	67	94	1942	43	1925

All temperatures are in degrees Fahrenheit.
Normals are based on the period 1951-80.
Records begin with 1906 data.

Daily Weather Observations: Auburn

DATE	AIR TEMPERATURE			GDD			PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
5/ 1	74	60	67	-1	7	17	0.00	73	62	68	0.12	2	3417
5/ 2	77	62	70	2	17	37	0.00	77	63	70	0.19	0	4836
5/ 3	70	63	67	-1	24	54	0.57	68	63	66	0.09	14	1415
5/ 4	74	62	68	0	32	72	1.01	70	63	67	NA	18	2358
5/ 5	78	56	67	-2	39	89	0.00	79	61	70	0.15	9	7698
5/ 6	84	59	72	3	51	111	0.00	81	63	72	0.24	9	8310
5/ 7	88	62	75	6	66	136	0.00	83	65	74	0.27	9	7688
5/ 8	88	67	78	9	84	164	0.00	82	67	75	0.22	0	6083
5/ 9	87	65	76	7	100	190	0.00	85	67	76	0.27	2	7309
5/10	85	61	73	3	113	213	0.00	85	65	75	0.27	2	7058
5/11	84	60	72	2	125	235	0.00	89	66	78	0.28	7	7877
5/12	83	65	74	4	139	259	0.00	87	67	77	0.22	3	6757
5/13	77	62	70	0	149	279	0.24	80	67	74	0.13	20	4313
5/14	72	56	64	-7	153	293	1.00	74	61	68	NA	12	4180
5/15	78	55	67	-4	160	310	0.00	79	62	71	0.23	12	7822
5/16	81	56	69	-2	169	329	0.00	82	63	73	0.24	12	8131
5/17	84	61	73	2	182	352	0.00	84	65	75	0.24	10	8124
5/18	86	65	76	5	198	378	Trace	85	68	77	0.25	10	6743
5/19	87	65	76	4	214	404	0.00	87	69	78	0.25	9	7292
5/20	77	56	67	-5	221	421	0.12	79	62	71	0.13	11	3799
5/21	75	50	63	-9	224	434	0.00	81	59	70	0.28	3	7498
5/22	72	45	59	-13	224	443	0.00	79	58	69	0.15	6	7073
5/23	77	50	64	-9	228	457	0.00	87	59	73	0.26	0	8702
5/24	82	55	69	-4	237	476	0.00	90	62	76	0.28	4	8613
5/25	83	65	74	1	251	500	0.00	86	66	76	0.19	10	5979
5/26	80	66	73	0	264	523	0.07	80	68	74	0.07	20	3076
5/27	79	65	72	-1	276	545	0.00	81	67	74	0.14	8	4129
5/28	86	68	77	3	293	572	0.00	90	68	79	0.25	0	6870
5/29	86	64	75	1	308	597	0.00	90	70	80	0.18	8	4728
5/30	90	64	77	3	325	624	0.00	96	72	84	0.28	6	7970
5/31	91	67	79	5	344	653	0.09	95	73	84	0.25	7	6801

AIR TEMPERATURES (in degrees F):

Mean Maximum= 81.1 Mean Minimum= 60.5 Average= 70.8
 DFN= -1.9 DFN= +2.2 DFN= +0.1
 Highest= 91 Lowest= 45

PRECIPITATION STATISTICS (inches):

Total= 3.10 DFN= -1.13 Greatest Daily= 1.01 Rain Days= 7
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 96 Lowest= 58 Average= 74

AVERAGE DAILY VALUES:

 Pan Evaporation= .21 (in)
 Hours of Wet Vegetation= 7.8
 Solar Radiation= 6214.5 (W/Sq M ystdy)

CLIMATOLOGICAL DATA

AUBURN, ALABAMA

DAILY TEMPERATURE NORMAL AND EXTREMES
MAY

DAY	DAILY NORMAL			RECORD TEMPERATURES		
	MAXIMUM	MINIMUM	DAY MEAN	HIGH YEAR	LOW YEAR	
1	80	55	68	91	1942	38 1908
2	80	55	68	93	1927	38 1909
3	80	55	68	92	1948	42 1925
4	80	55	68	92	1930	40 1971
5	81	56	69	95	1930	43 1945
6	81	56	69	92	1952	43 1944
7	81	56	69	93	1952	37 1944
8	81	56	69	94	1952	38 1958
9	81	57	69	94	1922	37 1960
10	82	57	70	95	1922	39 1923
11	82	57	70	96	1916	46 1909
12	82	57	70	96	1916	42 1952
13	82	58	70	95	1962	35 1960
14	83	58	71	92	1962	40 1960
15	83	58	71	92	1944	44 1959
16	83	58	71	92	1963	44 1927
17	83	59	71	96	1962	41 1956
18	83	59	71	92	1963	47 1945
19	84	59	72	98	1962	48 1976
20	84	59	72	98	1962	48 1976
21	84	60	72	97	1962	43 1954
22	84	60	72	97	1962	45 1993
23	85	60	73	97	1908	50 1993
24	85	60	73	96	1941	47 1931
25	85	61	73	95	1956	47 1931
26	85	61	73	97	1941	43 1979
27	85	61	73	97	1916	43 1961
28	86	61	74	97	1941	44 1961
29	86	62	74	97	1941	46 1961
30	86	62	74	98	1937	43 1984
31	86	62	74	98	1911	42 1984

All temperatures are in degrees Fahrenheit.
Normals are based on the period 1951-80.
Records begin with 1906 data.

Daily Weather Observations: Auburn

DATE	AIR TEMPERATURE			DFN	GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG		B60	B50		MAX	MIN	MEAN			
6/ 1	88	63	76	1	16	26	0.13	91	70	81	0.18	0	5233
6/ 2	82	59	71	-4	27	47	0.00	93	68	81	0.32	0	8223
6/ 3	88	61	75	0	42	72	0.00	97	69	83	NA	0	8514
6/ 4	91	72	82	7	64	104	0.00	97	73	85	0.29	0	8295
6/ 5	91	73	82	6	86	136	0.00	95	78	87	0.20	0	6383
6/ 6	93	67	80	4	106	166	0.00	96	77	87	0.30	4	6044
6/ 7	94	72	83	7	129	199	0.00	97	78	88	0.33	0	7051
6/ 8	96	69	83	7	152	232	0.00	99	79	89	0.31	7	7245
6/ 9	96	70	83	7	175	265	0.00	101	80	91	0.36	15	7998
6/10	95	71	83	6	198	298	0.00	101	80	91	0.36	0	8073
6/11	97	70	84	7	222	332	0.00	103	81	92	0.34	0	8356
6/12	98	70	84	7	246	366	0.01	103	81	92	0.34	8	7462
6/13	93	69	81	4	267	397	0.00	97	78	88	0.20	8	5299
6/14	95	72	84	7	291	431	0.55	98	77	88	0.27	0	6859
6/15	88	70	79	2	310	460	0.00	90	74	82	0.24	10	6214
6/16	91	70	81	4	331	491	0.01	92	74	83	0.20	0	5558
6/17	93	68	81	3	352	522	0.00	97	75	86	0.28	0	7176
6/18	94	68	81	3	373	553	0.00	101	76	89	0.36	0	8581
6/19	93	68	81	3	394	584	0.00	101	78	90	0.19	0	8326
6/20	91	65	78	0	412	612	0.00	100	78	89	0.33	1	7633
6/21	94	71	83	5	435	645	0.00	99	78	89	0.28	0	7323
6/22	85	69	77	-1	452	672	0.00	90	78	84	0.15	7	4109
6/23	90	68	79	0	471	701	0.00	95	78	87	0.27	8	6355
6/24	95	70	83	4	494	734	0.05	101	78	90	0.36	8	7745
6/25	93	70	82	3	516	766	0.69	98	75	87	0.20	21	5867
6/26	87	70	79	0	535	795	0.36	88	75	82	0.21	11	4721
6/27	88	71	80	1	555	825	0.01	88	75	82	0.15	13	5192
6/28	92	69	81	2	576	856	1.45	91	75	83	NA	19	6316
6/29	87	71	79	0	595	885	0.09	88	75	82	0.11	9	6121
6/30	87	72	80	1	615	915	0.00	86	75	81	0.21	10	5243

AIR TEMPERATURES (in degrees F):

Mean Maximum= 91.5 Mean Minimum= 68.9 Average= 80.2
 DFN= +2.5 DFN= +3.7 DFN= +3.1
 Highest= 98 Lowest= 59

PRECIPITATION STATISTICS (inches):

Total= 3.35 DFN= -0.50 Greatest Daily= 1.45 Rain Days= 10
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 103 Lowest= 68 Average= 86

AVERAGE DAILY VALUES:

 Pan Evaporation= .26 (in)
 Hours of Wet Vegetation= 5.3
 Solar Radiation= 6783.8 (W/Sq M ystdy)

CLIMATOLOGICAL DATA

AUBURN, ALABAMA

DAILY TEMPERATURE NORMAL AND EXTREMES
JUNE

DAY	DAILY NORMAL			RECORD TEMPERATURES			
	MAXIMUM	MINIMUM	DAY MEAN	HIGH	YEAR	LOW	YEAR
1	87	62	75	97	1953	46	1972
2	87	63	75	98	1953	51	1931
3	87	63	75	99	1911	39	1956
4	87	63	75	99	1936	54	1954
5	88	63	76	101	1936	47	1954
6	88	64	76	100	1985	53	1954
7	88	64	76	102	1933	54	1926
8	88	64	76	99	1933	51	1955
9	88	64	76	99	1963	54	1977
10	89	64	77	99	1954	52	1913
11	89	65	77	100	1920	52	1913
12	89	65	77	101	1963	54	1960
13	89	65	77	98	1958	54	1985
14	89	65	77	101	1963	53	1985
15	89	65	77	102	1963	56	1983
16	89	65	77	103	1963	57	1960
17	89	66	78	100	1944	57	1961
18	90	66	78	104	1944	57	1961
19	90	66	78	107	1933	58	1961
20	90	66	78	106	1933	57	1965
21	90	66	78	106	1933	56	1985
22	90	66	78	102	1930	58	1976
23	90	67	79	102	1944	54	1972
24	90	67	79	104	1930	55	1972
25	90	67	79	102	1914	55	1972
26	90	67	79	103	1914	57	1940
27	90	67	79	102	1954	59	1974
28	90	67	79	104	1954	56	1958
29	90	67	79	105	1954	58	1961
30	90	67	79	101	1978	55	1923

All temperatures are in degrees Fahrenheit.
Normals are based on the period 1951-80.
Records begin with 1906 data.

Daily Weather Observations: Auburn

DATE	AIR TEMPERATURE			GDD			PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
7/ 1	92	74	83	4	23	33	0.04	90	76	83	0.21	1	6269
7/ 2	94	70	82	3	45	65	0.00	91	75	83	0.28	7	6676
7/ 3	95	71	83	4	68	98	0.00	95	77	86	0.31	11	8235
7/ 4	95	72	84	5	92	132	0.00	97	77	87	0.30	9	7851
7/ 5	94	70	82	3	114	164	0.00	97	77	87	0.28	8	6970
7/ 6	91	71	81	2	135	195	0.04	96	78	87	0.23	12	6990
7/ 7	95	72	84	5	159	229	0.00	102	79	91	0.17	1	7913
7/ 8	98	72	85	6	184	264	0.00	102	81	92	0.30	0	6907
7/ 9	96	70	83	4	207	297	Trace	101	79	90	0.21	8	5722
7/10	94	71	83	4	230	330	0.00	99	80	90	0.22	9	5829
7/11	95	70	83	4	253	363	0.00	103	81	92	0.38	6	8374
7/12	94	68	81	2	274	394	0.00	103	82	93	0.33	8	8342
7/13	92	71	82	2	296	426	0.00	100	82	91	0.22	10	6397
7/14	91	70	81	1	317	457	0.00	98	81	90	0.20	7	5403
7/15	93	69	81	1	338	488	0.00	100	82	91	0.29	7	7222
7/16	96	73	85	5	363	523	0.00	102	82	92	0.24	5	7793
7/17	97	74	86	6	389	559	0.00	103	84	94	0.34	4	7537
7/18	98	73	86	6	415	595	0.01	100	82	91	0.25	10	5383
7/19	101	75	88	8	443	633	2.12	101	79	90	NA	15	7471
7/20	96	74	85	5	468	668	0.02	94	78	86	0.36	12	5264
7/21	98	74	86	6	494	704	0.00	94	78	86	0.28	8	7612
7/22	98	76	87	7	521	741	0.00	96	79	88	0.29	5	8023
7/23	99	74	87	7	548	778	0.03	96	78	87	0.26	13	6521
7/24	96	73	85	5	573	813	0.00	97	77	87	0.21	10	5701
7/25	95	76	86	6	599	849	0.00	98	78	88	0.28	7	7319
7/26	94	76	85	5	624	884	0.00	101	81	91	0.28	6	6991
7/27	97	75	86	6	650	920	0.00	104	82	93	0.22	10	6567
7/28	98	74	86	6	676	956	0.46	105	79	92	0.30	10	5828
7/29	97	74	86	6	702	992	Trace	97	78	88	0.20	6	5902
7/30	97	73	85	5	727	1027	0.04	96	78	87	0.25	6	6356
7/31	95	69	82	2	749	1059	0.00	101	76	89	0.41	0	8335

AIR TEMPERATURES (in degrees F):

Mean Maximum= 95.5 Mean Minimum= 72.4 Average= 84.0
 DFN= +4.9 DFN= +3.9 DFN= +4.4
 Highest= 101 Lowest= 68

PRECIPITATION STATISTICS (inches):

Total= 2.76 DFN= -2.98 Greatest Daily= 2.12 Rain Days= 8
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 105 Lowest= 75 Average= 89

AVERAGE DAILY VALUES:

 Pan Evaporation= .27 (in)
 Hours of Wet Vegetation= 7.5
 Solar Radiation= 6893.6 (W/Sq M ystdy)

CLIMATOLOGICAL DATA

AUBURN, ALABAMA

DAILY TEMPERATURE NORMAL AND EXTREMES
JULY

DAY	DAILY NORMAL			RECORD TEMPERATURES			
	MAXIMUM	MINIMUM	DAY MEAN	HIGH	YEAR	LOW	YEAR
1	90	67	79	102	1954	56	1958
2	90	68	79	102	1954	59	1924
3	90	68	79	101	1925	61	1924
4	90	68	79	99	1954	63	1947
5	90	68	79	100	1930	59	1922
6	90	68	79	101	1930	60	1972
7	90	68	79	103	1930	62	1955
8	90	68	79	105	1930	62	1988
9	90	68	79	105	1930	58	1983
10	90	68	79	107	1930	57	1947
11	90	68	79	108	1930	56	1963
12	90	68	79	107	1930	60	1953
13	91	68	80	103	1930	61	1947
14	91	68	80	102	1939	59	1967
15	91	69	80	103	1980	54	1967
16	91	69	80	102	1932	57	1926
17	91	69	80	100	1980	61	1926
18	91	69	80	103	1939	61	1926
19	91	69	80	104	1939	59	1923
20	91	69	80	99	1942	63	1987
21	91	69	80	101	1934	62	1923
22	91	69	80	101	1986	57	1947
23	91	69	80	100	1930	59	1947
24	91	69	80	105	1952	64	1963
25	91	69	80	106	1952	63	1947
26	91	69	80	105	1952	63	1911
27	91	69	80	99	1944	62	1911
28	91	69	80	100	1952	63	1911
29	91	69	80	103	1952	62	1924
30	91	69	80	103	1952	62	1924
31	91	69	80	99	1921	61	1936

All temperatures are in degrees Fahrenheit.
Normals are based on the period 1951-80.
Records begin with 1906 data.

Daily Weather Observations: Auburn

DATE	AIR TEMPERATURE			GDD			PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
8/ 1	95	68	82	2	22	32	0.00	102	76	89	0.37	1	8514
8/ 2	97	73	85	5	47	67	0.00	102	78	90	0.27	13	7097
8/ 3	87	72	80	0	67	97	0.09	92	78	85	0.16	15	4279
8/ 4	92	71	82	2	89	129	0.39	94	76	85	0.18	15	4756
8/ 5	90	71	81	1	110	160	0.87	91	75	83	0.26	20	4715
8/ 6	90	72	81	1	131	191	0.07	90	76	83	0.14	20	5652
8/ 7	87	71	79	-1	150	220	0.58	84	75	80	NA	20	4459
8/ 8	82	69	76	-4	166	246	0.82	82	73	78	0.16	24	2023
8/ 9	88	71	80	0	186	276	0.00	87	74	81	0.06	15	4933
8/10	89	70	80	0	206	306	0.00	88	73	81	0.26	10	6763
8/11	89	70	80	0	226	336	0.00	90	73	82	0.25	-99	7015
8/12	89	68	79	-1	245	365	0.00	92	74	83	0.24	-99	7537
8/13	91	71	81	1	266	396	0.00	94	75	85	NA	5	6833
8/14	90	74	82	2	288	428	1.97	89	77	83	NA	14	4724
8/15	90	74	82	2	310	460	0.00	88	76	82	NA	10	5287
8/16	92	75	84	4	334	494	0.00	89	76	83	0.05	6	5514
8/17	92	72	82	2	356	526	0.00	93	77	85	0.26	9	7019
8/18	95	75	85	5	381	561	0.00	93	78	86	0.27	9	6800
8/19	95	73	84	5	405	595	0.31	92	76	84	0.34	14	5201
8/20	94	74	84	5	429	629	0.00	93	77	85	0.16	7	7057
8/21	93	73	83	4	452	662	0.00	96	78	87	0.24	8	6844
8/22	95	72	84	5	476	696	0.00	97	77	87	0.25	5	6464
8/23	91	73	82	3	498	728	0.16	92	76	84	0.18	16	3951
8/24	93	74	84	5	522	762	0.00	92	76	84	0.17	4	5081
8/25	91	72	82	3	544	794	0.00	94	76	85	0.25	0	6005
8/26	91	70	81	2	565	825	0.00	98	76	87	0.22	1	6105
8/27	91	70	81	2	586	856	0.00	100	76	88	0.28	2	7223
8/28	90	69	80	1	606	886	0.00	101	79	90	0.26	9	7294
8/29	91	70	81	2	627	917	0.00	100	80	90	0.25	4	6360
8/30	90	72	81	3	648	948	0.00	100	80	90	0.21	10	6078
8/31	88	71	80	2	668	978	0.38	97	77	87	0.31	12	5381

AIR TEMPERATURES (in degrees F):

Mean Maximum= 90.9 Mean Minimum= 71.6 Average= 81.3
 DFN= +0.4 DFN= +3.7 DFN= +2.0
 Highest= 97 Lowest= 68

PRECIPITATION STATISTICS (inches):

Total= 5.64 DFN= +2.05 Greatest Daily= 1.97 Rain Days= 10
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 102 Lowest= 73 Average= 85

AVERAGE DAILY VALUES:

 Pan Evaporation= .22 (in)
 Hours of Wet Vegetation= 3.2
 Solar Radiation= 5902.1 (W/Sq M ystdy)

CLIMATOLOGICAL DATA

AUBURN, ALABAMA

DAILY TEMPERATURE NORMAL AND EXTREMES
AUGUST

DAY	DAILY NORMAL			RECORD TEMPERATURES			
	MAXIMUM	MINIMUM	DAY MEAN	HIGH	YEAR	LOW	YEAR
1	91	69	80	100	1986	62	1936
2	91	69	80	101	1987	59	1925
3	91	69	80	99	1987	63	1965
4	91	69	80	100	1935	60	1923
5	91	69	80	103	1935	59	1950
6	91	68	80	101	1947	57	1948
7	91	68	80	100	1980	60	1948
8	91	68	80	99	1956	61	1948
9	91	68	80	99	1937	60	1976
10	91	68	80	103	1980	60	1908
11	91	68	80	100	1956	61	1954
12	91	68	80	100	1956	61	1931
13	91	68	80	102	1954	59	1979
14	91	68	80	103	1954	59	1979
15	91	68	80	102	1954	58	1963
16	91	68	80	99	1954	61	1983
17	91	68	80	102	1954	62	1979
18	91	68	80	101	1954	60	1948
19	90	68	79	103	1925	63	1976
20	90	68	79	106	1925	60	1961
21	90	68	79	99	1983	58	1927
22	90	68	79	100	1983	58	1961
23	90	68	79	99	1938	59	1931
24	90	67	79	103	1938	58	1953
25	90	67	79	104	1938	58	1953
26	90	67	79	103	1943	59	1952
27	90	67	79	103	1938	56	1952
28	90	67	79	101	1954	56	1952
29	90	67	79	101	1954	57	1968
30	89	67	78	99	1990	56	1986
31	89	67	78	100	1954	56	1946

All temperatures are in degrees Fahrenheit.
Normals are based on the period 1951-80.
Records begin with 1906 data.

Daily Weather Observations: Auburn

DATE	AIR TEMPERATURE				GDD			PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	MAX		MIN	MEAN				
9/ 1	90	72	81	3	21	31	0.00	95	78	87	NA	8	6841	
9/ 2	90	71	81	3	42	62	0.49	94	77	86	0.20	17	5071	
9/ 3	89	72	81	3	63	93	0.07	90	76	83	0.15	17	4678	
9/ 4	86	72	79	1	82	122	0.21	86	77	82	0.16	19	3570	
9/ 5	85	69	77	-1	99	149	0.01	86	74	80	0.11	9	3377	
9/ 6	86	68	77	0	116	176	0.00	89	74	82	0.16	12	5500	
9/ 7	87	69	78	1	134	204	1.08	92	75	84	0.26	22	4834	
9/ 8	77	64	71	-6	145	225	0.10	83	72	78	0.12	14	3487	
9/ 9	84	66	75	-2	160	250	0.00	88	72	80	0.07	12	4571	
9/10	87	70	79	2	179	279	0.00	88	73	81	0.20	10	6288	
9/11	82	63	73	-3	192	302	0.00	87	69	78	0.23	3	5972	
9/12	82	63	73	-3	205	325	0.00	87	69	78	0.25	2	6876	
9/13	87	69	78	2	223	353	0.00	88	69	79	0.21	2	6121	
9/14	86	69	78	2	241	381	0.01	87	74	81	0.15	9	4353	
9/15	89	69	79	3	260	410	0.00	90	74	82	0.15	10	4963	
9/16	88	68	78	3	278	438	0.00	92	75	84	0.18	11	4771	
9/17	87	69	78	3	296	466	0.00	95	76	86	0.19	10	5927	
9/18	86	69	78	3	314	494	0.00	93	75	84	0.17	5	4630	
9/19	89	66	78	4	332	522	0.00	97	74	86	0.28	0	6095	
9/20	90	69	80	6	352	552	0.00	98	74	86	0.21	0	6505	
9/21	91	67	79	5	371	581	0.49	91	74	83	NA	13	3759	
9/22	90	65	78	4	389	609	0.00	88	69	79	0.08	0	5452	
9/23	89	57	73	0	402	632	0.00	92	69	81	0.23	10	6728	
9/24	89	64	77	4	419	659	0.00	93	69	81	0.20	0	6342	
9/25	93	69	81	8	440	690	0.26	96	73	85	0.28	16	5894	
9/26	91	63	77	5	457	717	0.00	89	72	81	0.20	8	5357	
9/27	88	66	77	5	474	744	0.38	90	72	81	0.30	6	4922	
9/28	77	50	64	-8	478	758	0.00	81	60	71	0.12	0	5335	
9/29	78	55	67	-4	485	775	0.00	82	60	71	0.25	0	6507	
9/30	80	53	67	-4	492	792	0.00	85	62	74	0.29	0	6335	

AIR TEMPERATURES (in degrees F):

Mean Maximum= 86.4 Mean Minimum= 65.9 Average= 76.2
 DFN= +0.3 DFN= +2.2 DFN= +1.2
 Highest= 93 Lowest= 50

PRECIPITATION STATISTICS (inches):

Total= 3.10 DFN= -1.22 Greatest Daily= 1.08 Rain Days= 10
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 98 Lowest= 60 Average= 81

AVERAGE DAILY VALUES:

 Pan Evaporation= .19 (in)
 Hours of Wet Vegetation= 8.2
 Solar Radiation= 5368.7 (W/Sq M ystdy)

CLIMATOLOGICAL DATA

AUBURN, ALABAMA

DAILY TEMPERATURE NORMAL AND EXTREMES
SEPTEMBER

DAY	DAILY NORMAL			RECORD TEMPERATURES			
	MAXIMUM	MINIMUM	DAY MEAN	HIGH	YEAR	LOW	YEAR
1	89	67	78	97	1957	57	1954
2	89	67	78	100	1957	56	1967
3	89	67	78	100	1957	56	1952
4	89	67	78	104	1925	54	1952
5	89	66	78	108	1925	55	1934
6	88	66	77	103	1925	57	1984
7	88	66	77	103	1925	55	1952
8	88	66	77	103	1925	57	1934
9	88	66	77	104	1925	58	1958
10	88	66	77	100	1954	50	1924
11	87	65	76	98	1954	50	1924
12	87	65	76	101	1927	44	1940
13	87	65	76	98	1962	50	1917
14	87	65	76	99	1927	52	1953
15	87	64	76	102	1927	51	1985
16	86	64	75	103	1927	49	1961
17	86	64	75	103	1927	49	1961
18	86	63	75	100	1931	48	1981
19	85	63	74	99	1931	45	1981
20	85	63	74	101	1925	48	1981
21	85	62	74	97	1925	45	1918
22	85	62	74	98	1955	44	1983
23	84	62	73	98	1940	45	1983
24	84	61	73	98	1921	46	1982
25	84	61	73	97	1979	46	1928
26	83	60	72	96	1923	49	1940
27	83	60	72	96	1933	44	1940
28	83	60	72	95	1954	40	1967
29	82	59	71	96	1954	39	1967
30	82	59	71	94	1933	38	1967

All temperatures are in degrees Fahrenheit.
Normals are based on the period 1951-80.
Records begin with 1906 data.

Daily Weather Observations: Auburn

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
10/ 1	74	50	62	-8	2	12	0.00	84	60	72	0.29	0	6409
10/ 2	76	50	63	-6	5	25	0.00	85	60	73	0.17	0	6197
10/ 3	82	54	68	-1	13	43	0.00	88	62	75	0.20	8	6250
10/ 4	83	57	70	1	23	63	0.00	87	66	77	0.23	0	5352
10/ 5	82	54	68	0	31	81	0.00	89	66	78	0.12	0	6007
10/ 6	84	59	72	4	43	103	0.00	89	66	78	0.28	0	6164
10/ 7	85	61	73	5	56	126	0.00	88	68	78	0.24	0	5377
10/ 8	74	60	67	0	63	143	0.00	81	68	75	0.14	0	3021
10/ 9	82	58	70	3	73	163	0.00	87	68	78	0.11	12	4940
10/10	85	54	70	3	83	183	0.00	86	68	77	0.19	1	4592
10/11	68	44	56	-10	83	189	0.00	83	62	73	0.18	11	4890
10/12	72	41	57	-9	83	196	0.00	81	60	71	0.14	3	4274
10/13	69	42	56	-9	83	202	0.00	80	60	70	0.17	11	5728
10/14	75	48	62	-3	85	214	0.00	82	60	71	0.18	3	5401
10/15	72	59	66	1	91	230	0.00	78	67	73	0.14	0	3027
10/16	74	63	69	5	100	249	0.12	76	67	72	0.08	17	1863
10/17	69	63	66	2	106	265	0.07	72	67	70	NA	21	1350
10/18	77	63	70	7	116	285	0.01	76	66	71	0.07	18	2166
10/19	80	63	72	9	128	307	0.00	79	67	73	NA	12	2548
10/20	84	62	73	10	141	330	0.00	84	67	76	0.15	8	4064
10/21	84	65	75	13	156	355	0.00	85	67	76	0.14	6	4420
10/22	80	54	67	5	163	372	0.08	80	64	72	0.12	7	2001
10/23	59	52	56	-6	163	378	0.01	66	60	63	0.05	3	991
10/24	63	53	58	-3	163	386	0.00	68	60	64	0.13	0	1617
10/25	66	55	61	0	164	397	Trace	71	60	66	0.13	1	2229
10/26	74	57	66	5	170	413	0.01	77	61	69	0.17	2	3658
10/27	77	51	64	4	174	427	0.00	80	62	71	0.12	8	3735
10/28	79	42	61	1	175	438	0.00	79	58	69	0.18	0	3835
10/29	68	44	56	-4	175	444	0.00	77	58	68	0.17	3	5224
10/30	60	52	56	-3	175	450	3.09	63	59	61	NA	24	934
10/31	55	36	46	-13	175	450	0.02	59	47	53	NA	24	445

AIR TEMPERATURES (in degrees F):

Mean Maximum= 74.6 Mean Minimum= 53.7 Average= 64.2
 DFN= -2.0 DFN= +2.2 DFN= +0.1
 Highest= 85 Lowest= 36

PRECIPITATION STATISTICS (inches):

Total= 3.41 DFN= +0.58 Greatest Daily= 3.09 Rain Days= 8
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 89 Lowest= 47 Average= 71

AVERAGE DAILY VALUES:

 Pan Evaporation= .16 (in)
 Hours of Wet Vegetation= 6.5
 Solar Radiation= 3829.3 (W/Sq M ystdy)

CLIMATOLOGICAL DATA

AUBURN, ALABAMA

DAILY TEMPERATURE NORMAL AND EXTREMES
OCTOBER

DAY	DAILY NORMAL			RECORD TEMPERATURES			
	MAXIMUM	MINIMUM	DAY MEAN	HIGH	YEAR	LOW	YEAR
1	82	58	70	94	1954	42	1920
2	81	57	69	93	1954	39	1920
3	81	57	69	93	1911	40	1974
4	81	57	69	94	1941	41	1987
5	80	56	68	95	1954	41	1987
6	80	56	68	98	1954	42	1932
7	80	55	68	97	1954	38	1932
8	79	55	67	94	1941	39	1987
9	79	54	67	97	1916	40	1951
10	79	54	67	90	1938	40	1915
11	78	53	66	94	1923	36	1906
12	78	53	66	90	1954	38	1906
13	78	52	65	89	1919	38	1977
14	77	52	65	91	1916	36	1977
15	77	52	65	90	1954	34	1978
16	77	51	64	89	1941	34	1954
17	76	51	64	88	1962	33	1954
18	76	50	63	88	1962	33	1948
19	76	50	63	90	1938	34	1948
20	75	50	63	90	1943	31	1989
21	75	49	62	89	1941	29	1989
22	75	49	62	92	1941	34	1961
23	74	49	62	92	1941	36	1924
24	74	48	61	90	1927	29	1917
25	74	48	61	90	1931	30	1962
26	73	48	61	90	1940	29	1962
27	73	47	60	91	1940	30	1957
28	72	47	60	88	1940	27	1957
29	72	47	60	88	1940	29	1952
30	72	46	59	87	1940	25	1952
31	71	46	59	88	1940	28	1954

All temperatures are in degrees Fahrenheit.
Normals are based on the period 1951-80.
Records begin with 1906 data.

Daily Weather Observations: Auburn

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			VEG		SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN	EVAP	WET	
11/ 1	40	26	33	-26	0	0	Trace	49	40	45	NA	20	1291
11/ 2	53	29	41	-17	0	0	0.00	58	40	49	NA	0	5014
11/ 3	58	37	48	-10	0	0	0.00	59	43	51	0.11	0	4245
11/ 4	66	45	56	-2	0	6	Trace	63	48	56	0.12	2	3694
11/ 5	70	56	63	5	3	19	2.41	63	55	59	NA	19	1715
11/ 6	72	46	59	2	3	28	0.21	68	58	63	NA	24	1698
11/ 7	56	29	43	-14	3	28	0.00	64	45	55	NA	4	4478
11/ 8	55	31	43	-14	3	28	0.00	61	45	53	0.12	0	4829
11/ 9	62	41	52	-4	3	30	0.00	62	47	55	0.13	0	4130
11/10	56	40	48	-8	3	30	0.00	56	48	52	0.07	1	1442
11/11	67	40	54	-2	3	34	0.00	63	47	55	0.14	1	4494
11/12	67	39	53	-3	3	37	0.00	64	47	56	0.12	0	4466
11/13	69	45	57	2	3	44	0.00	65	48	57	0.12	3	4071
11/14	79	57	68	13	11	62	0.00	68	56	62	0.12	10	3226
11/15	76	64	70	15	21	82	0.05	68	62	65	0.05	18	1044
11/16	80	60	70	16	31	102	0.32	72	62	67	0.09	19	2263
11/17	80	62	71	17	42	123	0.01	72	62	67	0.09	14	2831
11/18	75	43	59	5	42	132	Trace	69	53	61	0.06	12	1395
11/19	62	41	52	-1	42	134	0.00	66	52	59	0.08	15	3770
11/20	58	44	51	-2	42	135	0.00	60	52	56	0.07	0	1814
11/21	58	36	47	-6	42	135	0.00	62	44	53	0.19	0	4266
11/22	60	39	50	-2	42	135	0.00	59	44	52	0.14	0	4227
11/23	68	42	55	3	42	140	0.00	62	44	53	0.12	0	4055
11/24	69	40	55	3	42	145	0.00	64	47	56	0.07	0	4065
11/25	71	45	58	6	42	153	0.00	64	47	56	0.16	0	3950
11/26	73	51	62	11	44	165	0.02	64	49	57	0.22	6	3866
11/27	53	49	51	0	44	166	0.68	56	53	55	NA	24	616
11/28	53	29	41	-10	44	166	0.00	56	43	50	NA	21	802
11/29	56	30	43	-7	44	166	0.00	56	42	49	NA	0	3998
11/30	65	33	49	-1	44	166	0.00	58	42	50	0.01	0	4005

AIR TEMPERATURES (in degrees F):

Mean Maximum= 64.2 Mean Minimum= 42.3 Average= 53.3
 DFN= -2.3 DFN= +0.5 DFN= -0.9
 Highest= 80 Lowest= 26

PRECIPITATION STATISTICS (inches):

Total= 3.70 DFN= +0.28 Greatest Daily= 2.41 Rain Days= 7
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 72 Lowest= 40 Average= 56

AVERAGE DAILY VALUES:

 Pan Evaporation= .11 (in)
 Hours of Wet Vegetation= 7.1
 Solar Radiation= 3192.0 (W/Sq M ystdy)

CLIMATOLOGICAL DATA

AUBURN, ALABAMA

DAILY TEMPERATURE NORMAL AND EXTREMES
NOVEMBER

DAY	DAILY NORMAL			RECORD TEMPERATURES	
	MAXIMUM	MINIMUM	DAY MEAN	HIGH YEAR	LOW YEAR
1	71	46	59	90 1935	26 1993
2	71	45	58	90 1935	28 1963
3	70	45	58	88 1935	19 1954
4	70	45	58	84 1961	26 1954
5	70	45	58	84 1946	25 1982
6	69	44	57	89 1920	28 1962
7	69	44	57	90 1920	27 1959
8	69	44	57	85 1934	28 1951
9	69	43	56	84 1934	27 1951
10	68	43	56	83 1934	24 1956
11	68	43	56	82 1945	26 1926
12	68	43	56	83 1938	26 1968
13	67	42	55	82 1938	25 1963
14	67	42	55	84 1924	24 1963
15	67	42	55	82 1955	18 1969
16	66	42	54	81 1951	18 1940
17	66	41	54	83 1921	26 1943
18	66	41	54	83 1958	21 1951
19	65	41	53	83 1942	22 1951
20	65	41	53	82 1942	16 1914
21	65	40	53	80 1943	21 1937
22	64	40	52	80 1913	22 1937
23	64	40	52	78 1963	18 1956
24	64	40	52	79 1931	16 1970
25	64	39	52	80 1921	9 1950
26	63	39	51	80 1973	9 1950
27	63	39	51	78 1973	21 1950
28	63	39	51	80 1990	21 1938
29	62	38	50	78 1960	17 1955
30	62	38	50	79 1970	16 1959

All temperatures are in degrees Fahrenheit.
Normals are based on the period 1951-80.
Records begin with 1906 data.

Daily Weather Observations: Auburn

DATE	AIR TEMPERATURE			DFN	GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG		B60	B50		MAX	MIN	MEAN			
12/ 1	68	41	55	5	0	5	0.00	61	45	53	0.22	0	3872
12/ 2	59	42	51	1	0	6	0.00	56	46	51	0.16	0	3087
12/ 3	61	43	52	2	0	8	0.00	56	46	51	0.07	0	2470
12/ 4	68	48	58	9	0	16	0.00	58	49	54	0.12	0	2678
12/ 5	70	50	60	11	0	26	0.57	61	52	57	0.16	6	1035
12/ 6	61	40	51	2	0	27	0.00	59	47	53	0.08	9	3480
12/ 7	60	35	48	-1	0	27	0.00	56	43	50	0.08	0	2736
12/ 8	58	36	47	-2	0	27	0.00	57	43	50	0.07	10	3691
12/ 9	64	38	51	2	0	28	0.00	58	44	51	0.07	4	2834
12/10	67	43	55	7	0	33	0.25	60	47	54	0.22	14	2973
12/11	59	40	50	2	0	33	0.91	56	45	51	NA	24	317
12/12	53	27	40	-8	0	33	0.00	53	38	46	NA	24	3840
12/13	54	29	42	-6	0	33	0.00	50	38	44	NA	24	3531
12/14	52	40	46	-2	0	33	0.57	48	43	46	NA	24	1626
12/15	49	40	45	-2	0	33	0.06	49	44	47	NA	13	735
12/16	45	40	43	-4	0	33	0.01	47	44	46	0.06	0	976
12/17	52	35	44	-3	0	33	0.00	51	41	46	0.03	15	1737
12/18	60	37	49	2	0	33	0.00	55	41	48	0.05	14	3440
12/19	56	38	47	0	0	33	0.00	53	44	49	0.05	14	2187
12/20	55	37	46	0	0	33	0.09	54	43	49	0.11	7	2914
12/21	48	38	43	-3	0	33	0.94	47	44	46	NA	20	249
12/22	48	35	42	-4	0	33	0.00	51	42	47	NA	4	3780
12/23	38	32	35	-11	0	33	0.12	43	38	41	NA	24	558
12/24	44	29	37	-9	0	33	0.27	46	37	42	NA	3	1974
12/25	38	27	33	-13	0	33	0.00	42	36	39	NA	0	1260
12/26	48	22	35	-10	0	33	0.00	44	35	40	NA	0	2677
12/27	53	24	39	-6	0	33	0.00	46	35	41	NA	1	3757
12/28	62	31	47	2	0	33	0.00	52	36	44	0.08	10	3514
12/29	67	44	56	11	0	39	0.09	56	44	50	0.19	12	2470
12/30	58	28	43	-2	0	39	0.00	54	39	47	NA	0	798
12/31	44	22	33	-12	0	39	0.00	47	36	42	NA	0	3348

AIR TEMPERATURES (in degrees F):

Mean Maximum= 55.5 Mean Minimum= 35.8 Average= 45.6
 DFN= -2.9 DFN= +0.1 DFN= -1.4
 Highest= 70 Lowest= 22

PRECIPITATION STATISTICS (inches):

Total= 3.88 DFN= -1.60 Greatest Daily= 0.94 Rain Days= 11
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 61 Lowest= 35 Average= 47

AVERAGE DAILY VALUES:

 Pan Evaporation= .11 (in)
 Hours of Wet Vegetation= 8.9
 Solar Radiation= 2404.6 (W/Sq M ystdy)

CLIMATOLOGICAL DATA

AUBURN, ALABAMA

DAILY TEMPERATURE NORMAL AND EXTREMES
DECEMBER

DAY	DAILY NORMAL			RECORD TEMPERATURES			
	MAXIMUM	MINIMUM	DAY MEAN	HIGH	YEAR	LOW	YEAR
1	62	38	50	80	1933	19	1957
2	62	38	50	79	1982	23	1944
3	61	38	50	78	1982	17	1960
4	61	37	49	78	1933	20	1929
5	61	37	49	76	1961	21	1989
6	60	37	49	81	1924	20	1937
7	60	37	49	77	1951	13	1937
8	60	37	49	78	1978	19	1984
9	60	37	49	77	1956	11	1917
10	59	36	48	78	1972	18	1917
11	59	36	48	79	1918	20	1934
12	59	36	48	80	1971	11	1962
13	59	36	48	81	1926	-1	1962
14	59	36	48	76	1925	0	1962
15	58	36	47	76	1984	15	1962
16	58	36	47	81	1971	14	1951
17	58	35	47	78	1933	14	1960
18	58	35	47	80	1924	15	1953
19	58	35	47	84	1924	12	1963
20	57	35	46	74	1931	12	1963
21	57	35	46	75	1971	17	1981
22	57	35	46	76	1923	12	1989
23	57	35	46	75	1922	8	1989
24	57	35	46	77	1964	3	1989
25	57	35	46	75	1926	3	1989
26	56	34	45	77	1911	5	1983
27	56	34	45	76	1987	7	1983
28	56	34	45	74	1937	9	1925
29	56	34	45	77	1984	15	1925
30	56	34	45	75	1923	12	1983
31	56	34	45	77	1923	12	1983

All temperatures are in degrees Fahrenheit.
Normals are based on the period 1951-80.
Records begin with 1906 data.

CLIMATOLOGICAL DATA
AUBURN, ALABAMA
TEMPERATURE AND PRECIPITATION
NORMALS, MEANS AND EXTREMES

MONTH	TEMPERATURE								MEAN NUMBER OF DAYS				RAINFALL						
	NORMALS				EXTREMES				MEAN NO OF DEGREE DAYS	MAXIMUM TEMP.		MINIMUM TEMP.		NORMAL	MAXIMUM	MINIMUM	24 HOUR		
	MAX	MIN	MEAN	HIGH	YEAR	LOW	YEAR	BASE-65 DEGREES		90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW				TOTAL	TOTAL	YEAR
									DEGREES	DEGREES	DEGREES	DEGREES							
JAN	55.5	33.7	44.6	82	1975	-7	1985	641	0	0	11	0	5.14	12.09	1936	0.49	1927	5.23	1912
FEB	59.1	35.3	47.2	82	1962	8	1958	505	0	0	8	0	5.34	17.61	1961	1.50	1943	7.83	1961
MAR	66.4	42.3	54.4	89	1945	12	1980	344	0	0	4	0	6.85	17.47	1929	0.30	1918	5.06	1944
APR	75.8	50.4	63.1	94	1942	25	1987	118	0	0	0	0	5.31	18.07	1964	0.50	1915	5.60	1981
MAY	83.0	58.4	70.7	98	1962	35	1960	15	5	0	0	0	4.23	10.33	1915	0.36	1914	4.53	1915
JUN	89.0	65.2	77.1	107	1933	39	1956	0	15	0	0	0	3.85	8.64	1909	0.57	1931	3.64	1928
JUL	90.6	68.5	79.6	108	1930	54	1967	0	18	0	0	0	5.74	15.73	1916	1.39	1914	7.00	1948
AUG	90.5	67.9	79.2	106	1925	56	1986	0	18	0	0	0	3.59	11.03	1944	0.01	1925	3.73	1939
SEP	86.1	63.7	74.9	108	1925	38	1967	0	11	0	0	0	4.32	13.13	1965	0.36	1919	7.27	1965
OCT	76.6	51.5	64.1	98	1954	25	1952	102	1	0	0	0	2.83	8.41	1970	0.00	1963	3.55	1906
NOV	66.5	41.8	54.2	90	1935	9	1950	331	0	0	4	0	3.42	17.77	1948	0.23	1924	7.05	1948
DEC	58.4	35.7	47.1	84	1924	-1	1962	555	0	0	10	0	5.48	14.27	1953	0.82	1955	6.22	1953
YEAR	74.8	51.2	63.0	108	1930	-7	1985	2611	68	0	37	0	56.10	82.95	1975	28.44	1954	7.83	1961

MONTHLY AND ANNUAL SUMMARY
1993

MONTH	5 FOOT SHELTER TEMPERATURES (DEG F)				MAXIMUM AND MINIMUM TEMPERATURES				DEGREE DAYS BELOW 65		PRECIPITATION TOTAL		OPEN PAN EVAPORATION	SUNSHINE AND RADIATION			
	MAX	MIN	MEAN	DFN*	90 OR ABOVE		32 OR BELOW		DFN*	DAYS	DFN*	DAYS	WATER EQUIVALENT	DFN*	TOTAL (IN.)	MINS. OF SUNSHINE	LANGLEYS** SOLAR RAD.
					DAYS	DFN*	DAYS	DFN*									
JAN	59.5	41.0	50.3	5.7	0	0	5	-6	450	-191	4.24	-0.90	2.14	5834	5938		
FEB	58.5	37.2	47.9	-0.7	0	0	7	-1	472	-33	3.95	-1.39	2.84	7810	8215		
MAR	63.6	42.1	52.9	-1.5	0	0	5	1	376	32	5.91	-0.94	2.22	8209	11834		
APR	72.1	47.8	59.9	-3.2	0	0	0	0	164	46	1.62	-3.69	4.52	16048	15953		
MAY	81.1	60.5	70.8	0.1	2	-3	0	0	10	-5	3.10	-1.13	6.12	15852	16725		
JUN	91.5	68.9	80.2	3.1	21	6	0	0	0	0	3.35	-0.50	7.33	17262	17591		
JUL	95.5	72.4	84.0	4.4	31	13	0	0	0	0	2.76	-2.98	8.10	17031	18570		
AUG	90.9	71.6	81.3	2.1	23	5	0	0	0	0	5.64	2.05	6.03	12570	15592		
SEP	86.4	65.9	76.2	1.2	7	-4	0	0	1	1	3.10	-1.22	5.38	13133	13813		
OCT	74.6	53.7	64.2	0.1	0	-1	0	0	96	-6	3.41	0.58	4.28	8500	9769		
NOV	64.2	42.3	53.3	-0.9	0	0	6	2	367	36	3.70	0.28	2.38	8563	8460		
DEC	55.5	35.8	45.6	-1.5	0	0	10	0	592	37	3.76	-1.72	1.81	7191	6412		
YEAR	74.5	53.3	63.9	0.9	84	16	33	-4	2528	-83	44.54	-11.56	53.16	138003	148872		

* DEPARTURE FROM 1951-80 NORMAL. ** ONE LANGLEY = ONE GRAM-CALORIE PER SQUARE CENTIMETER.
 ((((NOTE)))) EVAPORATION, SUNSHINE AND RADIATION DATA ARE NOT ADJUSTED FOR MISSING VALUES

DAILY NORMALS OF AIR TEMPERATURE AND PRECIPITATION
BASED ON 1951-80 DATA

Station: AUBURN

State: ALABAMA

Number: 01-0430-9

January					February					March				
DAY	MAX	MIN	AVG	PRECIP	DAY	MAX	MIN	AVG	PRECIP	DAY	MAX	MIN	AVG	PRECIP
1	56	34	45	.18	1	57	34	46	.17	1	62	38	50	.21
2	56	34	45	.17	2	57	34	46	.17	2	62	38	50	.22
3	56	34	45	.17	3	57	34	46	.17	3	63	39	51	.22
4	56	34	45	.17	4	57	34	46	.18	4	63	39	51	.22
5	55	34	45	.17	5	57	34	46	.18	5	63	39	51	.22
6	55	34	45	.17	6	57	34	46	.18	6	63	40	52	.22
7	55	34	45	.17	7	58	34	46	.18	7	64	40	52	.22
8	55	34	45	.17	8	58	34	46	.18	8	64	40	52	.22
9	55	34	45	.17	9	58	34	46	.18	9	64	40	52	.22
10	55	34	45	.17	10	58	34	46	.18	10	65	41	53	.23
11	55	34	45	.17	11	58	34	46	.18	11	65	41	53	.23
12	55	34	45	.16	12	59	35	47	.19	12	65	41	53	.23
13	55	34	45	.16	13	59	35	47	.19	13	65	42	54	.23
14	55	34	45	.16	14	59	35	47	.19	14	66	42	54	.23
15	55	34	45	.16	15	59	35	47	.19	15	66	42	54	.23
16	55	33	44	.16	16	59	35	47	.19	16	66	42	54	.23
17	55	33	44	.16	17	59	35	47	.19	17	67	43	55	.23
18	55	33	44	.16	18	60	36	48	.20	18	67	43	55	.23
19	55	33	44	.16	19	60	36	48	.20	19	67	43	55	.22
20	55	33	44	.16	20	60	36	48	.20	20	68	43	56	.22
21	55	33	44	.16	21	60	36	48	.20	21	68	44	56	.22
22	56	33	45	.16	22	61	36	49	.20	22	68	44	56	.22
23	56	33	45	.16	23	61	37	49	.20	23	68	44	56	.22
24	56	33	45	.16	24	61	37	49	.21	24	69	44	57	.22
25	56	34	45	.16	25	61	37	49	.21	25	69	45	57	.22
26	56	34	45	.17	26	61	37	49	.21	26	69	45	57	.22
27	56	34	45	.17	27	62	38	50	.21	27	70	45	58	.21
28	56	34	45	.17	28	62	38	50	.21	28	70	46	58	.21
29	56	34	45	.17	29	**	**	**	***	29	70	46	58	.21
30	56	34	45	.17	30	**	**	**	***	30	71	46	59	.21
31	57	34	46	.17	31	**	**	**	***	31	71	46	59	.21

Normal Monthly Values:
55.5 33.7 44.6 5.14

Normal Monthly Values:
59.1 35.3 47.2 5.34

Normal Monthly Values:
66.4 42.3 54.3 6.85

Normal annual values:
74.8 51.2 63.0 56.10

The daily values listed in these tables are not simple means of observed daily values. They have been interpolated from the monthly normals by use of the natural spline function. The average temperature was computed by adding the maximum to the minimum, dividing by two, and rounding to the nearest degree. The daily precipitation values do not exhibit the typical daily random patterns. However, they may be used to compute normal precipitation accumulations over time intervals. In leap years use the February 28th values for the 29th. Temperatures are in degrees Fahrenheit. Precipitation is in inches.

DAILY NORMALS OF AIR TEMPERATURE AND PRECIPITATION
 BASED ON 1951-80 DATA

Station: AUBURN

State: ALABAMA

Number:01-0430-9

April					May					June				
DAY	MAX	MIN	AVG	PRECIP	DAY	MAX	MIN	AVG	PRECIP	DAY	MAX	MIN	AVG	PRECIP
1	71	47	59	.20	1	80	55	68	.15	1	87	62	75	.12
2	72	47	60	.20	2	80	55	68	.15	2	87	63	75	.12
3	72	47	60	.20	3	80	55	68	.15	3	87	63	75	.12
4	73	47	60	.20	4	80	55	68	.15	4	87	63	75	.11
5	73	48	61	.20	5	81	56	69	.15	5	88	63	76	.11
6	73	48	61	.19	6	81	56	69	.15	6	88	64	76	.11
7	73	48	61	.19	7	81	56	69	.15	7	88	64	76	.11
8	74	48	61	.19	8	81	56	69	.15	8	88	64	76	.11
9	74	49	62	.19	9	81	57	69	.14	9	88	64	76	.11
10	74	49	62	.19	10	82	57	70	.14	10	89	64	77	.12
11	75	49	62	.18	11	82	57	70	.14	11	89	65	77	.12
12	75	49	62	.18	12	82	57	70	.14	12	89	65	77	.12
13	75	50	63	.18	13	82	58	70	.14	13	89	65	77	.12
14	76	50	63	.18	14	83	58	71	.14	14	89	65	77	.12
15	76	50	63	.18	15	83	58	71	.14	15	89	65	77	.12
16	76	51	64	.17	16	83	58	71	.14	16	89	65	77	.12
17	76	51	64	.17	17	83	59	71	.14	17	89	66	78	.12
18	77	51	64	.17	18	83	59	71	.13	18	90	66	78	.13
19	77	51	64	.17	19	84	59	72	.13	19	90	66	78	.13
20	77	52	65	.17	20	84	59	72	.13	20	90	66	78	.13
21	77	52	65	.17	21	84	60	72	.13	21	90	66	78	.13
22	78	52	65	.17	22	84	60	72	.13	22	90	66	78	.14
23	78	52	65	.16	23	85	60	73	.13	23	90	67	79	.14
24	78	53	66	.16	24	85	60	73	.13	24	90	67	79	.14
25	78	53	66	.16	25	85	61	73	.13	25	90	67	79	.15
26	79	53	66	.16	26	85	61	73	.13	26	90	67	79	.15
27	79	53	66	.16	27	85	61	73	.12	27	90	67	79	.15
28	79	54	67	.16	28	86	61	74	.12	28	90	67	79	.16
29	79	54	67	.16	29	86	62	74	.12	29	90	67	79	.16
30	80	54	67	.15	30	86	62	74	.12	30	90	67	79	.16
31	**	**	**	***	31	86	62	74	.12	31	**	**	**	***

Normal Monthly Values:
 75.8 50.4 63.1 5.31

Normal Monthly Values:
 83.0 58.4 70.7 4.23

Normal Monthly Values:
 89.0 65.2 77.1 3.85

Normal annual values:
 74.8 51.2 63.0 56.10

The daily values listed in these tables are not simple means of observed daily values. They have been interpolated from the monthly normals by use of the natural spline function. The average temperature was computed by adding the maximum to the minimum, dividing by two, and rounding to the nearest degree. The daily precipitation values do not exhibit the typical daily random patterns. However, they may be used to compute normal precipitation accumulations over time intervals. In leap years use the February 28th values for the 29th. Temperatures are in degrees Fahrenheit. Precipitation is in inches.

DAILY NORMALS OF AIR TEMPERATURE AND PRECIPITATION
 BASED ON 1951-80 DATA

Station: AUBURN

State: ALABAMA

Number: 01-0430-9

July					August					September				
DAY	MAX	MIN	AVG	PRECIP	DAY	MAX	MIN	AVG	PRECIP	DAY	MAX	MIN	AVG	PRECIP
1	90	67	79	.17	1	91	69	80	.15	1	89	67	78	.13
2	90	68	79	.17	2	91	69	80	.15	2	89	67	78	.13
3	90	68	79	.18	3	91	69	80	.14	3	89	67	78	.14
4	90	68	79	.18	4	91	69	80	.14	4	89	67	78	.14
5	90	68	79	.18	5	91	69	80	.13	5	89	66	78	.14
6	90	68	79	.19	6	91	68	80	.13	6	88	66	77	.14
7	90	68	79	.19	7	91	68	80	.12	7	88	66	77	.15
8	90	68	79	.19	8	91	68	80	.12	8	88	66	77	.15
9	90	68	79	.19	9	91	68	80	.12	9	88	66	77	.15
10	90	68	79	.19	10	91	68	80	.11	10	88	66	77	.15
11	90	68	79	.20	11	91	68	80	.11	11	87	65	76	.15
12	90	68	79	.20	12	91	68	80	.11	12	87	65	76	.15
13	91	68	80	.20	13	91	68	80	.11	13	87	65	76	.15
14	91	68	80	.20	14	91	68	80	.11	14	87	65	76	.15
15	91	69	80	.20	15	91	68	80	.11	15	87	64	76	.15
16	91	69	80	.20	16	91	68	80	.10	16	86	64	75	.15
17	91	69	80	.20	17	91	68	80	.10	17	86	64	75	.15
18	91	69	80	.20	18	91	68	80	.10	18	86	63	75	.15
19	91	69	80	.19	19	90	68	79	.10	19	85	63	74	.15
20	91	69	80	.19	20	90	68	79	.10	20	85	63	74	.15
21	91	69	80	.19	21	90	68	79	.10	21	85	62	74	.15
22	91	69	80	.19	22	90	68	79	.10	22	85	62	74	.15
23	91	69	80	.19	23	90	68	79	.11	23	84	62	73	.15
24	91	69	80	.18	24	90	67	79	.11	24	84	61	73	.14
25	91	69	80	.18	25	90	67	79	.11	25	84	61	73	.14
26	91	69	80	.18	26	90	67	79	.11	26	83	60	72	.14
27	91	69	80	.17	27	90	67	79	.11	27	83	60	72	.14
28	91	69	80	.17	28	90	67	79	.12	28	83	60	72	.13
29	91	69	80	.16	29	90	67	79	.12	29	82	59	71	.13
30	91	69	80	.16	30	89	67	78	.12	30	82	59	71	.13
31	91	69	80	.16	31	89	67	78	.12	31	**	**	**	***

Normal Monthly Values:
 90.6 68.5 79.6 5.74

Normal Monthly Values:
 90.5 67.9 79.2 3.59

Normal Monthly Values:
 86.1 63.7 74.9 4.32

Normal annual values:
 74.8 51.2 63.0 56.10

The daily values listed in these tables are not simple means of observed daily values. They have been interpolated from the monthly normals by use of the natural spline function. The average temperature was computed by adding the maximum to the minimum, dividing by two, and rounding to the nearest degree. The daily precipitation values do not exhibit the typical daily random patterns. However, they may be used to compute normal precipitation accumulations over time intervals. In leap years use the February 28th values for the 29th. Temperatures are in degrees Fahrenheit. Precipitation is in inches.

DAILY NORMALS OF AIR TEMPERATURE AND PRECIPITATION
 BASED ON 1951-80 DATA

Station: AUBURN

State: ALABAMA

Number:01-0430-9

October					November					December				
DAY	MAX	MIN	AVG	PRECIP	DAY	MAX	MIN	AVG	PRECIP	DAY	MAX	MIN	AVG	PRECIP
1	82	58	70	.12	1	71	46	59	.09	1	62	38	50	.15
2	81	57	69	.12	2	71	45	58	.09	2	62	38	50	.16
3	81	57	69	.12	3	70	45	58	.09	3	61	38	50	.16
4	81	57	69	.11	4	70	45	58	.09	4	61	37	49	.16
5	80	56	68	.11	5	70	45	58	.09	5	61	37	49	.17
6	80	56	68	.11	6	69	44	57	.09	6	60	37	49	.17
7	80	55	68	.10	7	69	44	57	.09	7	60	37	49	.17
8	79	55	67	.10	8	69	44	57	.10	8	60	37	49	.17
9	79	54	67	.10	9	69	43	56	.10	9	60	37	49	.17
10	79	54	67	.10	10	68	43	56	.10	10	59	36	48	.18
11	78	53	66	.09	11	68	43	56	.10	11	59	36	48	.18
12	78	53	66	.09	12	68	43	56	.10	12	59	36	48	.18
13	78	52	65	.09	13	67	42	55	.11	13	59	36	48	.18
14	77	52	65	.09	14	67	42	55	.11	14	59	36	48	.18
15	77	52	65	.09	15	67	42	55	.11	15	58	36	47	.18
16	77	51	64	.09	16	66	42	54	.11	16	58	36	47	.18
17	76	51	64	.08	17	66	41	54	.12	17	58	35	47	.18
18	76	50	63	.08	18	66	41	54	.12	18	58	35	47	.18
19	76	50	63	.08	19	65	41	53	.12	19	58	35	47	.19
20	75	50	63	.08	20	65	41	53	.12	20	57	35	46	.19
21	75	49	62	.08	21	65	40	53	.12	21	57	35	46	.19
22	75	49	62	.08	22	64	40	52	.13	22	57	35	46	.19
23	74	49	62	.08	23	64	40	52	.13	23	57	35	46	.18
24	74	48	61	.08	24	64	40	52	.13	24	57	35	46	.18
25	74	48	61	.08	25	64	39	52	.14	25	57	35	46	.18
26	73	48	61	.08	26	63	39	51	.14	26	56	34	45	.18
27	73	47	60	.08	27	63	39	51	.14	27	56	34	45	.18
28	72	47	60	.08	28	63	39	51	.14	28	56	34	45	.18
29	72	47	60	.08	29	62	38	50	.15	29	56	34	45	.18
30	72	46	59	.08	30	62	38	50	.15	30	56	34	45	.18
31	71	46	59	.08	31	**	**	**	***	31	56	34	45	.18

Normal Monthly Values:
 76.6 51.5 64.1 2.83

Normal Monthly Values:
 66.5 41.8 54.1 3.42
 Normal annual values:
 74.8 51.2 63.0 56.10

Normal Monthly Values:
 58.4 35.7 47.0 5.48

The daily values listed in these tables are not simple means of observed daily values. They have been interpolated from the monthly normals by use of the natural spline function. The average temperature was computed by adding the maximum to the minimum, dividing by two, and rounding to the nearest degree. The daily precipitation values do not exhibit the typical daily random patterns. However, they may be used to compute normal precipitation accumulations over time intervals. In leap years use the February 28th values for the 29th. Temperatures are in degrees Fahrenheit. Precipitation is in inches.

Estimated daylength, sunrise and sunset times for: AUBURN, ALABAMA
 All sunrise and sunset calculations are for Central Standard Time.

Latitude 32 35 N., Longitude 85 29 W.

JANUARY

DATE	DAY	RISE	SET	DATE	DAY	RISE	SET	DATE	DAY	RISE	SET	DATE	DAY	RISE	SET	DATE	DAY	RISE	SET
	LENGTH	A.M.	P.M.		LENGTH	A.M.	P.M.		LENGTH	A.M.	P.M.		LENGTH	A.M.	P.M.		LENGTH	A.M.	P.M.
1	10:05	6:43	4:48	2	10:05	6:43	4:48	3	10:06	6:43	4:49	4	10:06	6:43	4:50	5	10:07	6:44	4:51
6	10:08	6:44	4:51	7	10:08	6:44	4:52	8	10:09	6:44	4:53	9	10:10	6:44	4:54	10	10:10	6:44	4:54
11	10:11	6:44	4:55	12	10:12	6:44	4:56	13	10:13	6:44	4:57	14	10:14	6:44	4:58	15	10:15	6:44	4:58
16	10:16	6:44	4:59	17	10:17	6:43	5:00	18	10:18	6:43	5:01	19	10:19	6:43	5:02	20	10:20	6:43	5:03
21	10:21	6:42	5:03	22	10:22	6:42	5:04	23	10:23	6:42	5:05	24	10:25	6:41	5:06	25	10:26	6:41	5:07
26	10:27	6:41	5:08	27	10:28	6:40	5:09	28	10:30	6:40	5:10	29	10:31	6:39	5:10	30	10:33	6:39	5:11
31	10:34	6:38	5:12																

FEBRUARY

DATE	DAY	RISE	SET	DATE	DAY	RISE	SET	DATE	DAY	RISE	SET	DATE	DAY	RISE	SET	DATE	DAY	RISE	SET
	LENGTH	A.M.	P.M.		LENGTH	A.M.	P.M.		LENGTH	A.M.	P.M.		LENGTH	A.M.	P.M.		LENGTH	A.M.	P.M.
1	10:35	6:38	5:13	2	10:37	6:37	5:14	3	10:39	6:36	5:15	4	10:40	6:36	5:16	5	10:42	6:35	5:17
6	10:43	6:34	5:18	7	10:45	6:34	5:19	8	10:47	6:33	5:19	9	10:48	6:32	5:20	10	10:50	6:31	5:21
11	10:52	6:31	5:22	12	10:53	6:30	5:23	13	10:55	6:29	5:24	14	10:57	6:28	5:25	15	10:59	6:27	5:26
16	11:01	6:26	5:27	17	11:03	6:25	5:28	18	11:04	6:24	5:28	19	11:06	6:23	5:29	20	11:08	6:22	5:30
21	11:10	6:21	5:31	22	11:12	6:20	5:32	23	11:14	6:19	5:33	24	11:16	6:18	5:34	25	11:18	6:16	5:35
26	11:20	6:15	5:35	27	11:22	6:14	5:36	28	11:24	6:13	5:37	29	11:26	6:12	5:38				

MARCH

DATE	DAY	RISE	SET	DATE	DAY	RISE	SET	DATE	DAY	RISE	SET	DATE	DAY	RISE	SET	DATE	DAY	RISE	SET
	LENGTH	A.M.	P.M.		LENGTH	A.M.	P.M.		LENGTH	A.M.	P.M.		LENGTH	A.M.	P.M.		LENGTH	A.M.	P.M.
1	11:28	6:11	5:39	2	11:30	6:09	5:40	3	11:33	6:08	5:41	4	11:35	6:07	5:41	5	11:37	6:06	5:42
6	11:39	6:04	5:43	7	11:41	6:03	5:44	8	11:43	6:02	5:45	9	11:45	6:00	5:46	10	11:47	5:59	5:46
11	11:50	5:58	5:47	12	11:52	5:56	5:48	13	11:54	5:55	5:49	14	11:56	5:54	5:50	15	11:58	5:52	5:50
16	12:00	5:51	5:51	17	12:03	5:49	5:52	18	12:05	5:48	5:53	19	12:07	5:47	5:54	20	12:09	5:45	5:54
21	12:11	5:44	5:55	22	12:13	5:42	5:56	23	12:16	5:41	5:57	24	12:18	5:40	5:57	25	12:20	5:38	5:58
26	12:22	5:37	5:59	27	12:24	5:35	6:00	28	12:26	5:34	6:00	29	12:29	5:33	6:01	30	12:31	5:31	6:02
31	12:33	5:30	6:03																

APRIL

DATE	DAY	RISE	SET	DATE	DAY	RISE	SET	DATE	DAY	RISE	SET	DATE	DAY	RISE	SET	DATE	DAY	RISE	SET
	LENGTH	A.M.	P.M.		LENGTH	A.M.	P.M.		LENGTH	A.M.	P.M.		LENGTH	A.M.	P.M.		LENGTH	A.M.	P.M.
1	12:35	5:29	6:03	2	12:37	5:27	6:04	3	12:39	5:26	6:05	4	12:41	5:24	6:06	5	12:43	5:23	6:06
6	12:45	5:22	6:07	7	12:48	5:20	6:08	8	12:50	5:19	6:09	9	12:52	5:18	6:09	10	12:54	5:16	6:10
11	12:56	5:15	6:11	12	12:58	5:14	6:12	13	13:00	5:13	6:12	14	13:02	5:11	6:13	15	13:04	5:10	6:14
16	13:05	5:09	6:14	17	13:07	5:08	6:15	18	13:09	5:07	6:16	19	13:11	5:05	6:17	20	13:13	5:04	6:17
21	13:15	5:03	6:18	22	13:17	5:02	6:19	23	13:18	5:01	6:19	24	13:20	5:00	6:20	25	13:22	4:59	6:21
26	13:24	4:58	6:22	27	13:25	4:57	6:22	28	13:27	4:56	6:23	29	13:29	4:55	6:24	30	13:30	4:54	6:24

MAY

DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	
DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.
1	13:32	4:53	6:25	2	13:34	4:52	6:26	3	13:35	4:51	6:26	4	13:37	4:50	6:27
6	13:40	4:49	6:28	7	13:41	4:48	6:29	8	13:43	4:47	6:30	9	13:44	4:46	6:30
11	13:47	4:45	6:32	12	13:48	4:44	6:32	13	13:50	4:43	6:33	14	13:51	4:43	6:34
16	13:53	4:42	6:35	17	13:54	4:41	6:36	18	13:56	4:41	6:36	19	13:57	4:40	6:37
21	13:59	4:39	6:38	22	14:00	4:39	6:39	23	14:01	4:38	6:39	24	14:02	4:38	6:40
26	14:04	4:37	6:41	27	14:05	4:37	6:41	28	14:05	4:37	6:42	29	14:06	4:36	6:42
31	14:08	4:36	6:43									30	14:07	4:36	6:43

JUNE

DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	
DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.
1	14:08	4:36	6:44	2	14:09	4:35	6:44	3	14:10	4:35	6:45	4	14:10	4:35	6:45
6	14:11	4:35	6:46	7	14:12	4:35	6:47	8	14:12	4:35	6:47	9	14:13	4:35	6:48
11	14:13	4:35	6:48	12	14:14	4:35	6:49	13	14:14	4:35	6:49	14	14:14	4:35	6:49
16	14:15	4:35	6:50	17	14:15	4:36	6:50	18	14:15	4:36	6:51	19	14:15	4:36	6:51
21	14:15	4:36	6:51	22	14:15	4:36	6:51	23	14:15	4:37	6:52	24	14:15	4:37	6:52
26	14:14	4:38	6:52	27	14:14	4:38	6:52	28	14:14	4:38	6:52	29	14:14	4:39	6:52
												30	14:13	4:39	6:52

JULY

DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	
DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.
1	14:13	4:39	6:52	2	14:13	4:40	6:52	3	14:12	4:40	6:52	4	14:12	4:41	6:52
6	14:11	4:41	6:52	7	14:10	4:42	6:52	8	14:10	4:42	6:52	9	14:09	4:43	6:52
11	14:08	4:44	6:51	12	14:07	4:44	6:51	13	14:06	4:45	6:51	14	14:05	4:45	6:50
16	14:04	4:46	6:50	17	14:03	4:47	6:49	18	14:02	4:47	6:49	19	14:01	4:48	6:49
21	13:59	4:49	6:48	22	13:58	4:50	6:47	23	13:57	4:50	6:47	24	13:55	4:51	6:46
26	13:53	4:52	6:45	27	13:52	4:53	6:44	28	13:51	4:53	6:44	29	13:49	4:54	6:43
31	13:47	4:55	6:42									30	13:48	4:54	6:42

AUGUST

DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	
DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.
1	13:45	4:56	6:41	2	13:44	4:56	6:40	3	13:43	4:57	6:39	4	13:41	4:57	6:39
6	13:38	4:59	6:37	7	13:37	4:59	6:36	8	13:35	5:00	6:35	9	13:34	5:01	6:34
11	13:30	5:02	6:32	12	13:29	5:03	6:31	13	13:27	5:03	6:30	14	13:25	5:04	6:29
16	13:22	5:05	6:27	17	13:20	5:06	6:26	18	13:18	5:06	6:25	19	13:17	5:07	6:24
21	13:13	5:08	6:21	22	13:11	5:09	6:20	23	13:09	5:10	6:19	24	13:07	5:10	6:18
26	13:04	5:12	6:15	27	13:02	5:12	6:14	28	13:00	5:13	6:13	29	12:58	5:14	6:11
31	12:54	5:15	6:09									30	12:56	5:14	6:10

SEPTEMBER

DAY RISE SET			DAY RISE SET			DAY RISE SET			DAY RISE SET			DAY RISE SET		
DATE	LENGTH	A.M. P.M.	DATE	LENGTH	A.M. P.M.	DATE	LENGTH	A.M. P.M.	DATE	LENGTH	A.M. P.M.	DATE	LENGTH	A.M. P.M.
1	12:52	5:16 6:07	2	12:50	5:16 6:06	3	12:48	5:17 6:05	4	12:46	5:18 6:03	5	12:44	5:18 6:02
6	12:42	5:19 6:01	7	12:39	5:20 5:59	8	12:37	5:20 5:58	9	12:35	5:21 5:56	10	12:33	5:22 5:55
11	12:31	5:22 5:54	12	12:29	5:23 5:52	13	12:27	5:24 5:51	14	12:25	5:25 5:49	15	12:23	5:25 5:48
16	12:20	5:26 5:46	17	12:18	5:27 5:45	18	12:16	5:27 5:43	19	12:14	5:28 5:42	20	12:12	5:29 5:41
21	12:10	5:29 5:39	22	12:07	5:30 5:38	23	12:05	5:31 5:36	24	12:03	5:32 5:35	25	12:01	5:32 5:33
26	11:59	5:33 5:32	27	11:57	5:34 5:30	28	11:54	5:35 5:29	29	11:52	5:35 5:28	30	11:50	5:36 5:26

OCTOBER

DAY RISE SET			DAY RISE SET			DAY RISE SET			DAY RISE SET			DAY RISE SET		
DATE	LENGTH	A.M. P.M.	DATE	LENGTH	A.M. P.M.	DATE	LENGTH	A.M. P.M.	DATE	LENGTH	A.M. P.M.	DATE	LENGTH	A.M. P.M.
1	11:48	5:37 5:25	2	11:46	5:38 5:23	3	11:44	5:38 5:22	4	11:42	5:39 5:21	5	11:40	5:40 5:19
6	11:37	5:41 5:18	7	11:35	5:41 5:17	8	11:33	5:42 5:15	9	11:31	5:43 5:14	10	11:29	5:44 5:13
11	11:27	5:45 5:12	12	11:25	5:45 5:10	13	11:23	5:46 5:09	14	11:21	5:47 5:08	15	11:19	5:48 5:07
16	11:17	5:49 5:05	17	11:15	5:49 5:04	18	11:13	5:50 5:03	19	11:11	5:51 5:02	20	11:09	5:52 5:01
21	11:07	5:53 5:00	22	11:05	5:53 4:59	23	11:03	5:54 4:58	24	11:01	5:55 4:57	25	11:00	5:56 4:56
26	10:58	5:57 4:55	27	10:56	5:58 4:54	28	10:54	5:59 4:53	29	10:52	5:59 4:52	30	10:51	6:00 4:51
31	10:49	6:01 4:50												

NOVEMBER

DAY RISE SET			DAY RISE SET			DAY RISE SET			DAY RISE SET			DAY RISE SET		
DATE	LENGTH	A.M. P.M.	DATE	LENGTH	A.M. P.M.	DATE	LENGTH	A.M. P.M.	DATE	LENGTH	A.M. P.M.	DATE	LENGTH	A.M. P.M.
1	10:47	6:02 4:49	2	10:46	6:03 4:48	3	10:44	6:04 4:46	4	10:42	6:05 4:47	5	10:41	6:05 4:46
6	10:39	6:06 4:46	7	10:38	6:07 4:45	8	10:36	6:08 4:44	9	10:35	6:09 4:44	10	10:33	6:10 4:43
11	10:32	6:11 4:42	12	10:30	6:11 4:42	13	10:29	6:12 4:41	14	10:28	6:13 4:41	15	10:26	6:14 4:40
16	10:25	6:15 4:40	17	10:24	6:16 4:40	18	10:23	6:17 4:39	19	10:22	6:17 4:39	20	10:20	6:18 4:39
21	10:19	6:19 4:38	22	10:18	6:20 4:38	23	10:17	6:21 4:38	24	10:16	6:22 4:38	25	10:15	6:22 4:37
26	10:14	6:23 4:37	27	10:13	6:24 4:37	28	10:12	6:25 4:37	29	10:12	6:25 4:37	30	10:11	6:26 4:37

DECEMBER

DAY RISE SET			DAY RISE SET			DAY RISE SET			DAY RISE SET			DAY RISE SET		
DATE	LENGTH	A.M. P.M.	DATE	LENGTH	A.M. P.M.	DATE	LENGTH	A.M. P.M.	DATE	LENGTH	A.M. P.M.	DATE	LENGTH	A.M. P.M.
1	10:10	6:27 4:37	2	10:09	6:28 4:37	3	10:09	6:29 4:37	4	10:08	6:29 4:37	5	10:07	6:30 4:37
6	10:07	6:31 4:37	7	10:06	6:31 4:37	8	10:06	6:32 4:38	9	10:05	6:33 4:38	10	10:05	6:33 4:38
11	10:04	6:34 4:38	12	10:04	6:35 4:39	13	10:04	6:35 4:39	14	10:03	6:36 4:39	15	10:03	6:36 4:40
16	10:03	6:37 4:40	17	10:03	6:38 4:40	18	10:03	6:38 4:41	19	10:03	6:39 4:41	20	10:02	6:39 4:42
21	10:02	6:40 4:42	22	10:02	6:40 4:42	23	10:03	6:40 4:43	24	10:03	6:41 4:43	25	10:03	6:41 4:44
26	10:03	6:42 4:45	27	10:03	6:42 4:45	28	10:03	6:42 4:46	29	10:04	6:43 4:46	30	10:04	6:43 4:47
31	10:04	6:43 4:48												

**** Add 1 hour to the above sunrise and sunset values for Daylight Savings Time if and when used.

NOTE: The above times are only estimates and should NOT be considered official. However, comparisons with major cities in the Southeastern United States have shown that the above values are generally within 5 minutes of officially published tables. An additional error of less than 1 minute for each 9 miles from the above latitude and longitude exists. The above estimates may be used in any year of the twentieth century. These daylength, sunrise and sunset estimates are provided by the National Weather Service at Auburn, Alabama.

1993

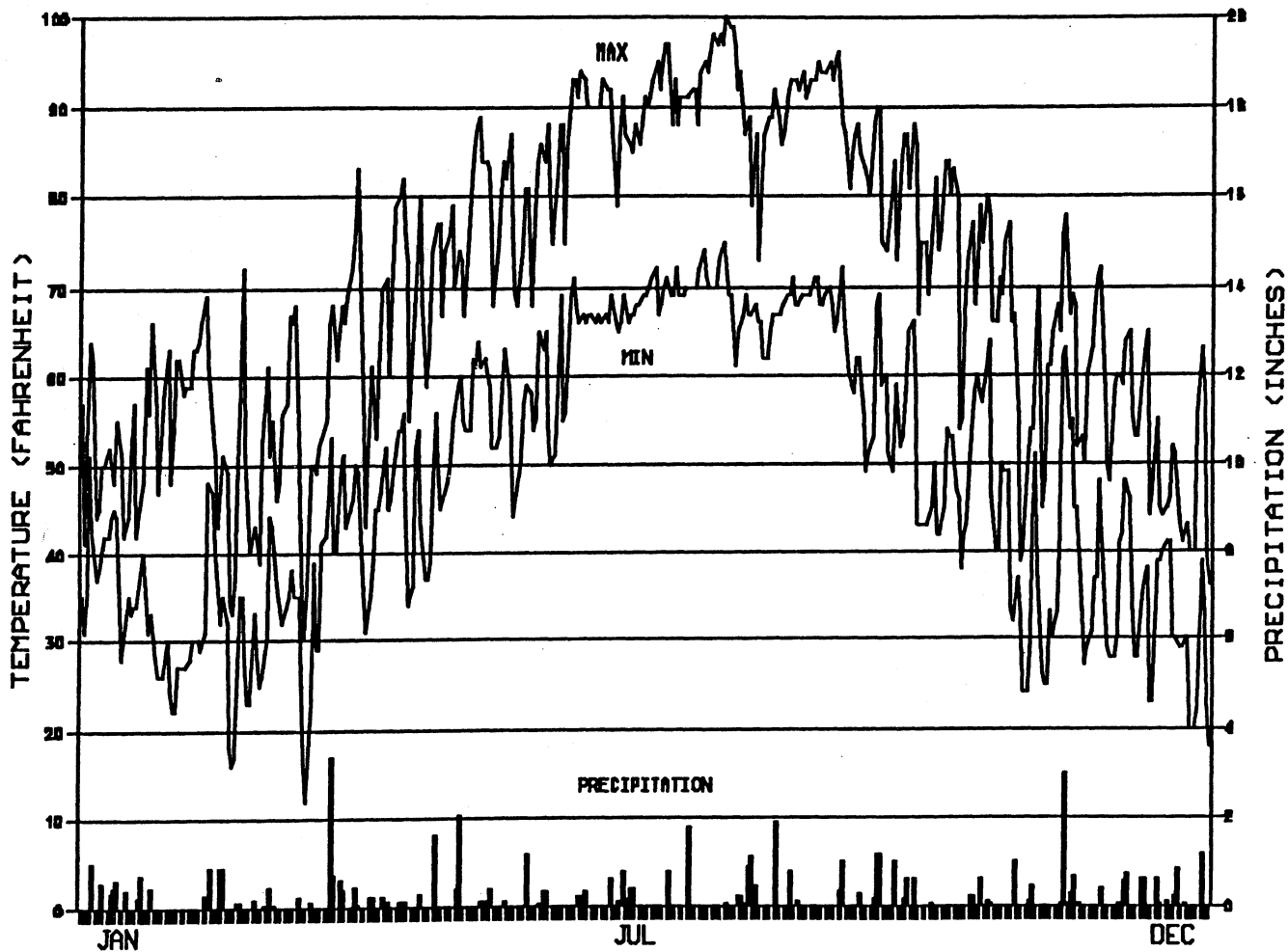
PRECIPITATION SUMMARY FOR AES SUBSTATIONS

FOR THE PERIOD: FRIDAY, JANUARY 1, 1993, THROUGH
FRIDAY, DECEMBER 31, 1993

STATION	ACTUAL TOTAL	NORMAL	DIFF	% OF NORMAL
AUBURN	44.66	56.10	-11.44	80
BELLE MINA	50.14	53.09	-2.95	94
BREWTON	66.00	62.37	+3.63	106
CLANTON	50.90	57.39	-6.49	89
CAMDEN	59.21	57.73	+1.48	103
CAMP HILL	45.35	56.63	-11.28	80
CROSSVILLE	40.91	54.65	-13.74	75
FAIRHOPE	63.33	64.11	-0.78	99
HEADLAND	49.21	54.65	-5.44	90
MARION JUNCTION	46.00	53.10	-7.10	87
SHORTER	47.46	52.67	-5.21	90
WINFIELD	52.88	56.51	-3.63	94

**1993 DAILY WEATHER FOR AES SUBSTATIONS,
WITH GRAPHS, MONTHLY SUMMARIES,
AND HISTORICAL RAINFALL DATA**

Tennessee Valley Substation, Belle Mina
Daily Precipitation, Maximum and Minimum Temperature
January 1 - December 31 1993



Monthly precipitation summary: Tennessee Valley Substation, Belle Mina

For the period: Sunday January 1, 1984
to: Thursday December 31, 1992

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1984	3.16	2.64	7.35	6.59	7.77	5.52	4.22	4.21	0.69	6.72	5.75	3.12	57.74
	-2.05	-2.19	0.85	1.77	3.41	2.14	-0.32	0.98	-3.02	3.78	1.36	-2.25	4.46
1985	3.46	4.17	2.10	3.07	6.23	3.14	5.88	5.68	1.91	6.32	2.32	2.62	46.90
	-1.75	-0.47	-4.40	-1.75	1.87	-0.24	1.34	2.45	-1.80	3.38	-2.07	-2.75	-6.19
1986	1.04	3.69	2.72	0.68	4.54	6.02	3.70	6.00	4.72	4.16	10.05	4.81	52.13
	-4.17	-0.95	-3.78	-4.14	0.18	2.64	-0.84	2.77	1.01	1.22	5.66	-0.56	-0.96
1987	5.54	6.04	3.71	1.78	2.32	5.03	4.18	1.31	7.64	1.20	4.97	3.97	47.69
	0.33	1.40	-2.79	-3.04	-2.04	1.65	-0.36	-1.92	3.93	-1.74	0.58	-1.40	-5.40
1988	4.20	1.99	2.59	4.12	1.19	0.13	4.49	1.70	5.03	3.41	8.00	4.65	41.50
	-1.01	-2.84	-3.91	-0.70	-3.17	-3.25	-0.05	-1.53	1.32	0.47	3.61	-0.72	-11.78
1989	8.47	7.38	5.61	3.20	3.89	13.46	5.14	2.77	5.63	2.65	4.98	3.38	66.56
	3.26	2.74	-0.89	-1.62	-0.47	10.08	0.60	-0.46	1.92	-0.29	0.59	-1.99	13.47
1990	7.31	8.16	8.02	4.45	5.03	3.89	3.83	1.22	1.46	2.77	3.70	18.92	68.76
	2.10	3.52	1.52	-0.37	0.67	0.51	-0.71	-2.01	-2.25	-0.17	-0.69	13.55	15.67
1991	2.94	9.97	8.54	9.04	9.51	1.78	2.09	2.02	3.66	2.29	3.11	12.71	67.66
	-2.27	5.33	2.04	4.22	5.15	-1.60	-2.45	-1.21	-0.05	-0.65	-1.28	7.34	14.57
1992	2.94	3.20	4.75	1.79	2.27	8.98	6.29	4.28	5.23	2.81	5.09	5.47	53.10
	-2.27	-1.63	-1.75	-3.03	-2.09	5.60	1.75	1.05	1.52	-0.13	0.70	0.10	-0.18

SUMMARY FOR 1984 TO 1992													
	5.21	4.83	6.50	4.82	4.36	3.38	4.54	3.23	3.71	2.94	4.39	5.37	53.28
	-7.83	4.91	-13.11	-8.66	3.51	17.53	-1.04	0.12	2.58	5.87	8.46	11.32	23.66

YEARLY TOTALS: LINE 1 OBSERVED MONTHLY RAIN TOTALS
LINE 2 DEPARTURE FROM NORMAL (DFN)
SUMMARY TOTALS: LINE 1 NORMAL MONTHLY RAIN TOTALS
LINE 2 CUMULATIVE MONTHLY DFN

NOTE: All Precip normals are based on the 1951-80 period.
Missing MONTHLY or YEARLY totals are NOT included
in the summary totals!

Daily Weather Observations: Tennessee Valley Substation, Belle Mina

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
1/ 1	57	35	46	5	0	0	0.03	52	49	51	NA	NA	NA
1/ 2	41	31	36	-5	0	0	0.00	51	45	48	NA	NA	NA
1/ 3	54	35	45	4	0	0	0.00	49	45	47	NA	NA	NA
1/ 4	64	51	58	17	0	8	0.00	53	48	51	NA	NA	NA
1/ 5	62	42	52	11	0	10	0.98	56	52	54	NA	NA	NA
1/ 6	44	37	41	0	0	10	0.00	54	48	51	NA	NA	NA
1/ 7	45	38	42	2	0	10	0.01	48	48	48	NA	NA	NA
1/ 8	50	40	45	5	0	10	0.53	49	48	49	NA	NA	NA
1/ 9	50	42	46	6	0	10	0.00	50	49	50	NA	NA	NA
1/10	52	42	47	7	0	10	0.02	50	49	50	NA	NA	NA
1/11	50	44	47	7	0	10	0.31	50	49	50	NA	NA	NA
1/12	48	45	47	7	0	10	0.47	50	50	50	NA	NA	NA
1/13	55	44	50	10	0	10	0.60	52	50	51	NA	NA	NA
1/14	51	28	40	0	0	10	0.00	52	43	48	NA	NA	NA
1/15	42	30	36	-4	0	10	0.00	46	43	45	NA	NA	NA
1/16	44	35	40	0	0	10	0.40	45	45	45	NA	NA	NA
1/17	52	33	43	3	0	10	0.00	49	44	47	NA	NA	NA
1/18	57	34	46	6	0	10	0.00	51	44	48	NA	NA	NA
1/19	42	34	38	-2	0	10	0.02	46	45	46	NA	NA	NA
1/20	46	38	42	2	0	10	0.23	46	45	46	NA	NA	NA
1/21	48	40	44	4	0	10	0.73	46	45	46	NA	NA	NA
1/22	61	35	48	8	0	10	0.01	52	44	48	NA	NA	NA
1/23	56	31	44	4	0	10	0.00	51	42	47	NA	NA	NA
1/24	66	33	50	9	0	10	0.43	54	42	48	NA	NA	NA
1/25	57	28	43	2	0	10	0.00	55	40	48	NA	NA	NA
1/26	47	26	37	-4	0	10	0.00	46	38	42	NA	NA	NA
1/27	52	26	39	-2	0	10	0.00	48	38	43	NA	NA	NA
1/28	58	26	42	1	0	10	0.00	48	39	44	NA	NA	NA
1/29	63	30	47	6	0	10	0.00	51	40	46	NA	NA	NA
1/30	48	24	36	-6	0	10	0.00	47	40	44	NA	NA	NA
1/31	53	22	38	-4	0	10	0.00	47	39	43	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 52.1 Mean Minimum= 34.8 Average= 43.5
 DFN= +1.7 DFN= +4.5 DFN= +3.1
 Highest= 66 Lowest= 22

PRECIPITATION STATISTICS (inches):

Total= 4.77 DFN= -0.44 Greatest Daily= 0.98 Rain Days= 14
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 56 Lowest= 38 Average= 47

Daily Weather Observations: Tennessee Valley Substation, Belle Mina

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
2/ 1	62	22	42	0	0	0	0.00	48	38	43	NA	NA	NA
2/ 2	62	27	45	3	0	0	0.00	49	39	44	NA	NA	NA
2/ 3	58	27	43	1	0	0	0.00	48	39	44	NA	NA	NA
2/ 4	59	27	43	1	0	0	0.00	49	39	44	NA	NA	NA
2/ 5	59	28	44	2	0	0	0.00	47	39	43	NA	NA	NA
2/ 6	63	30	47	5	0	0	0.00	52	41	47	NA	NA	NA
2/ 7	63	30	47	5	0	0	0.00	52	41	47	NA	NA	NA
2/ 8	64	30	47	5	0	0	0.00	53	42	48	NA	NA	NA
2/ 9	66	29	48	5	0	0	0.00	54	42	48	NA	NA	NA
2/10	69	31	50	7	0	0	0.00	56	44	50	NA	NA	NA
2/11	61	48	55	12	0	5	0.28	54	48	51	NA	NA	NA
2/12	54	47	51	8	0	6	0.89	52	51	52	NA	NA	NA
2/13	51	40	46	2	0	6	0.00	52	49	51	NA	NA	NA
2/14	43	36	40	-4	0	6	0.00	50	47	49	NA	NA	NA
2/15	47	32	40	-4	0	6	0.00	51	44	48	NA	NA	NA
2/16	51	35	43	-1	0	6	0.87	45	44	45	NA	NA	NA
2/17	49	32	41	-4	0	6	0.00	46	41	44	NA	NA	NA
2/18	34	18	26	-19	0	6	0.00	41	39	40	NA	NA	NA
2/19	33	16	25	-20	0	6	0.00	42	37	40	NA	NA	NA
2/20	37	17	27	-18	0	6	0.00	39	37	38	NA	NA	NA
2/21	60	35	48	3	0	6	0.13	50	38	44	NA	NA	NA
2/22	72	35	54	8	0	10	0.10	56	45	51	NA	NA	NA
2/23	51	27	39	-7	0	10	0.00	52	41	47	NA	NA	NA
2/24	46	23	35	-11	0	10	0.00	49	41	45	NA	NA	NA
2/25	40	23	32	-14	0	10	0.02	49	41	45	NA	NA	NA
2/26	43	33	38	-9	0	10	0.17	42	40	41	NA	NA	NA
2/27	41	28	35	-12	0	10	0.00	43	40	42	NA	NA	NA
2/28	39	25	32	-15	0	10	0.00	42	39	41	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 52.8 Mean Minimum= 29.7 Average= 41.2
 DFN= -2.2 DFN= -2.8 DFN= -2.5
 Highest= 72 Lowest= 16

PRECIPITATION STATISTICS (inches):

Total= 2.46 DFN= -2.18 Greatest Daily= 0.89 Rain Days= 7
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 56 Lowest= 37 Average= 45

Daily Weather Observations: Tennessee Valley Substation, Belle Mina

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			VEG WET	SOLAR ENERGY	
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			EVAP
3/ 1	53	26	40	-7	0	0	0.00	49	38	44	NA	NA	NA
3/ 2	61	30	46	-2	0	0	0.06	53	41	47	NA	NA	NA
3/ 3	51	44	48	0	0	0	0.46	49	47	48	NA	NA	NA
3/ 4	55	43	49	1	0	0	0.04	51	49	50	NA	NA	NA
3/ 5	46	36	41	-8	0	0	0.04	49	45	47	NA	NA	NA
3/ 6	48	34	41	-8	0	0	0.00	47	44	46	NA	NA	NA
3/ 7	56	32	44	-5	0	0	0.00	55	44	50	NA	NA	NA
3/ 8	57	34	46	-3	0	0	0.02	49	44	47	NA	NA	NA
3/ 9	67	35	51	1	0	1	0.00	57	45	51	NA	NA	NA
3/10	66	38	52	2	0	3	0.00	59	47	53	NA	NA	NA
3/11	68	35	52	2	0	5	0.00	59	46	53	NA	NA	NA
3/12	52	35	44	-6	0	5	0.00	55	45	50	NA	NA	NA
3/13	36	25	31	-20	0	5	0.20	44	43	44	NA	NA	NA
3/14	30	16	23	-28	0	5	0.00	43	42	43	NA	NA	NA
3/15	35	12	24	-27	0	5	0.00	42	41	42	NA	NA	NA
3/16	50	22	36	-16	0	5	0.00	43	39	41	NA	NA	NA
3/17	50	39	45	-7	0	5	0.14	43	39	41	NA	NA	NA
3/18	49	29	39	-13	0	5	0.00	47	40	44	NA	NA	NA
3/19	52	29	41	-12	0	5	0.00	50	40	45	NA	NA	NA
3/20	53	41	47	-6	0	5	0.00	47	43	45	NA	NA	NA
3/21	55	42	49	-4	0	5	0.03	49	45	47	NA	NA	NA
3/22	66	46	56	3	0	11	0.01	58	47	53	NA	NA	NA
3/23	68	53	61	7	1	22	3.38	59	52	56	NA	NA	NA
3/24	65	40	53	-1	1	25	0.72	63	52	58	NA	NA	NA
3/25	62	40	51	-3	1	26	0.03	64	52	58	NA	NA	NA
3/26	68	49	59	4	1	35	0.59	60	55	58	NA	NA	NA
3/27	66	51	59	4	1	44	0.42	64	57	61	NA	NA	NA
3/28	69	43	56	1	1	50	0.00	67	53	60	NA	NA	NA
3/29	72	45	59	3	1	59	0.00	73	52	63	NA	NA	NA
3/30	76	46	61	5	2	70	0.00	76	53	65	NA	NA	NA
3/31	83	50	67	10	9	87	0.45	81	56	69	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 57.6 Mean Minimum= 36.8 Average= 47.2
 DFN= -5.6 DFN= -2.9 DFN= -4.3
 Highest= 83 Lowest= 12

PRECIPITATION STATISTICS (inches):

Total= 6.59 DFN= +0.09 Greatest Daily= 3.38 Rain Days= 15
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 81 Lowest= 38 Average= 51

Daily Weather Observations: Tennessee Valley Substation, Belle Mina

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
4/ 1	74	49	62	5	2	12	0.09	73	58	66	NA	NA	NA
4/ 2	56	36	46	-12	2	12	0.02	56	47	52	NA	NA	NA
4/ 3	43	31	37	-21	2	12	0.00	57	43	50	NA	NA	NA
4/ 4	61	35	48	-10	2	12	0.00	69	43	56	NA	NA	NA
4/ 5	57	39	48	-11	2	12	0.24	56	50	53	NA	NA	NA
4/ 6	53	45	49	-10	2	12	0.20	56	51	54	NA	NA	NA
4/ 7	62	45	54	-6	2	16	0.00	62	51	57	NA	NA	NA
4/ 8	70	47	59	-1	2	25	0.00	66	52	59	NA	NA	NA
4/ 9	71	52	62	2	4	37	0.19	64	57	61	NA	NA	NA
4/10	60	45	53	-7	4	40	0.14	60	54	57	NA	NA	NA
4/11	71	46	59	-2	4	49	0.00	69	54	62	NA	NA	NA
4/12	79	49	64	3	8	63	0.01	72	56	64	NA	NA	NA
4/13	80	54	67	6	15	80	0.00	78	61	70	NA	NA	NA
4/14	82	54	68	6	23	98	0.00	76	63	70	NA	NA	NA
4/15	76	56	66	4	29	114	0.12	73	63	68	NA	NA	NA
4/16	73	44	59	-3	29	123	0.10	66	57	62	NA	NA	NA
4/17	55	34	45	-17	29	123	0.00	58	50	54	NA	NA	NA
4/18	67	36	52	-11	29	125	0.00	71	50	61	NA	NA	NA
4/19	73	52	63	0	32	138	0.00	75	58	67	NA	NA	NA
4/20	80	54	67	4	39	155	0.00	73	60	67	NA	NA	NA
4/21	68	43	56	-7	39	161	0.29	60	55	58	NA	NA	NA
4/22	59	37	48	-16	39	161	0.00	65	50	58	NA	NA	NA
4/23	63	37	50	-14	39	161	0.00	69	50	60	NA	NA	NA
4/24	74	39	57	-7	39	168	0.00	73	54	64	NA	NA	NA
4/25	77	56	67	2	46	185	0.00	76	61	69	NA	NA	NA
4/26	77	50	64	-1	50	199	1.59	71	60	66	NA	NA	NA
4/27	67	45	56	-9	50	205	0.00	66	56	61	NA	NA	NA
4/28	74	46	60	-5	50	215	0.00	74	56	65	NA	NA	NA
4/29	76	48	62	-3	52	227	0.00	78	58	68	NA	NA	NA
4/30	79	50	65	-1	57	242	0.03	80	60	70	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 68.6 Mean Minimum= 45.1 Average= 56.8
 DFN= -5.6 DFN= -3.8 DFN= -4.7
 Highest= 82 Lowest= 31

PRECIPITATION STATISTICS (inches):

Total= 3.02 DFN= -1.80 Greatest Daily= 1.59 Rain Days= 12
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 80 Lowest= 43 Average= 61

Daily Weather Observations: Tennessee Valley Substation, Belle Mina

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
5/ 1	70	55	63	-3	3	13	0.02	68	65	67	NA	NA	NA
5/ 2	74	59	67	1	10	30	0.01	70	64	67	NA	NA	NA
5/ 3	73	60	67	1	17	47	0.42	69	65	67	NA	NA	NA
5/ 4	67	55	61	-6	18	58	2.06	66	62	64	NA	NA	NA
5/ 5	71	54	63	-4	21	71	0.00	72	62	67	NA	NA	NA
5/ 6	82	54	68	1	29	89	0.00	81	62	72	NA	NA	NA
5/ 7	86	62	74	7	43	113	0.00	86	68	77	NA	NA	NA
5/ 8	88	61	75	8	58	138	0.00	89	70	80	NA	NA	NA
5/ 9	89	64	77	9	75	165	0.00	86	72	79	NA	NA	NA
5/10	84	61	73	5	88	188	0.00	87	71	79	NA	NA	NA
5/11	84	62	73	5	101	211	0.13	83	71	77	NA	NA	NA
5/12	83	60	72	4	113	233	0.11	81	70	76	NA	NA	NA
5/13	77	59	68	-1	121	251	0.10	80	68	74	NA	NA	NA
5/14	68	52	60	-9	121	261	0.40	74	64	69	NA	NA	NA
5/15	74	52	63	-6	124	274	0.00	80	65	73	NA	NA	NA
5/16	80	53	67	-2	131	291	0.00	85	65	75	NA	NA	NA
5/17	84	58	71	2	142	312	0.03	87	68	78	NA	NA	NA
5/18	82	63	73	3	155	335	0.00	87	72	80	NA	NA	NA
5/19	87	59	73	3	168	358	0.11	88	72	80	NA	NA	NA
5/20	75	53	64	-6	172	372	0.00	83	67	75	NA	NA	NA
5/21	69	44	57	-13	172	379	0.00	79	63	71	NA	NA	NA
5/22	68	46	57	-14	172	386	0.00	81	63	72	NA	NA	NA
5/23	74	50	62	-9	174	398	0.00	87	62	75	NA	NA	NA
5/24	81	57	69	-2	183	417	0.00	84	64	74	NA	NA	NA
5/25	81	59	70	-1	193	437	0.01	82	67	75	NA	NA	NA
5/26	68	58	63	-8	196	450	1.18	73	67	70	NA	NA	NA
5/27	78	54	66	-6	202	466	0.00	80	65	73	NA	NA	NA
5/28	84	55	70	-2	212	486	0.00	84	65	75	NA	NA	NA
5/29	86	65	76	4	228	512	0.00	86	71	79	NA	NA	NA
5/30	84	63	74	1	242	536	0.09	85	74	80	NA	NA	NA
5/31	88	65	77	4	259	563	0.00	91	74	83	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 78.7 Mean Minimum= 57.2 Average= 67.9
 DFN= -2.6 DFN= +0.5 DFN= -1.0
 Highest= 89 Lowest= 44

PRECIPITATION STATISTICS (inches):

Total= 4.67 DFN= +0.31 Greatest Daily= 2.06 Rain Days= 13
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 91 Lowest= 62 Average= 74

Daily Weather Observations: Tennessee Valley Substation, Belle Mina

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
6/ 1	80	54	67	-6	7	17	0.36	84	65	75	NA	NA	NA
6/ 2	75	50	63	-10	10	30	0.00	78	63	71	NA	NA	NA
6/ 3	82	51	67	-7	17	47	0.00	80	63	72	NA	NA	NA
6/ 4	88	60	74	0	31	71	0.00	88	67	78	NA	NA	NA
6/ 5	88	69	79	5	50	100	0.00	88	76	82	NA	NA	NA
6/ 6	75	55	65	-9	55	115	0.00	83	70	77	NA	NA	NA
6/ 7	86	56	71	-3	66	136	0.00	93	70	82	NA	NA	NA
6/ 8	93	69	81	6	87	167	0.00	96	76	86	NA	NA	NA
6/ 9	93	71	82	7	109	199	0.00	98	77	88	NA	NA	NA
6/10	91	68	80	5	129	229	0.00	96	78	87	NA	NA	NA
6/11	94	66	80	5	149	259	0.00	96	77	87	NA	NA	NA
6/12	93	67	80	4	169	289	0.21	97	77	87	NA	NA	NA
6/13	90	66	78	2	187	317	0.01	88	75	82	NA	NA	NA
6/14	90	67	79	3	206	346	0.31	95	75	85	NA	NA	NA
6/15	90	67	79	3	225	375	0.00	93	77	85	NA	NA	NA
6/16	90	66	78	2	243	403	0.00	89	76	83	NA	NA	NA
6/17	90	67	79	3	262	432	0.00	92	76	84	NA	NA	NA
6/18	93	66	80	3	282	462	0.00	94	77	86	NA	NA	NA
6/19	92	67	80	3	302	492	0.00	96	77	87	NA	NA	NA
6/20	92	66	79	2	321	521	0.00	92	78	85	NA	NA	NA
6/21	87	69	78	1	339	549	0.03	88	78	83	NA	NA	NA
6/22	79	66	73	-4	352	572	0.61	83	75	79	NA	NA	NA
6/23	87	65	76	-1	368	598	0.00	87	75	81	NA	NA	NA
6/24	91	66	79	1	387	627	0.00	90	76	83	NA	NA	NA
6/25	87	69	78	0	405	655	0.12	86	77	82	NA	NA	NA
6/26	86	66	76	-2	421	681	0.77	84	77	81	NA	NA	NA
6/27	85	67	76	-2	437	707	0.00	88	77	83	NA	NA	NA
6/28	88	67	78	0	455	735	0.16	88	76	82	NA	NA	NA
6/29	87	68	78	0	473	763	0.42	88	77	83	NA	NA	NA
6/30	86	68	77	-1	490	790	0.00	88	78	83	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 87.6 Mean Minimum= 64.6 Average= 76.1
 DFN= -0.3 DFN= +0.7 DFN= +0.2
 Highest= 94 Lowest= 50

PRECIPITATION STATISTICS (inches):

Total= 3.00 DFN= -0.38 Greatest Daily= 0.77 Rain Days= 10
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 98 Lowest= 63 Average= 82

Daily Weather Observations: Tennessee Valley Substation, Belle Mina

DATE	AIR TEMPERATURE			GDD			PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
7/ 1	91	69	80	2	20	30	0.00	89	78	84	NA	NA	NA
7/ 2	90	69	80	1	40	60	0.00	89	80	85	NA	NA	NA
7/ 3	91	70	81	2	61	91	0.00	90	80	85	NA	NA	NA
7/ 4	93	71	82	3	83	123	0.00	92	80	86	NA	NA	NA
7/ 5	95	72	84	5	107	157	0.00	93	81	87	NA	NA	NA
7/ 6	92	67	80	1	127	187	0.00	92	81	87	NA	NA	NA
7/ 7	95	68	82	3	149	219	0.00	92	81	87	NA	NA	NA
7/ 8	97	70	84	5	173	253	0.00	93	81	87	NA	NA	NA
7/ 9	97	71	84	5	197	287	0.00	94	82	88	NA	NA	NA
7/10	88	69	79	0	216	316	0.76	89	81	85	NA	NA	NA
7/11	93	69	81	2	237	347	0.00	92	81	87	NA	NA	NA
7/12	88	72	80	1	257	377	0.00	88	81	85	NA	NA	NA
7/13	91	69	80	1	277	407	0.00	91	81	86	NA	NA	NA
7/14	91	69	80	1	297	437	0.00	89	77	83	NA	NA	NA
7/15	91	70	81	1	318	468	0.00	90	71	81	NA	NA	NA
7/16	92	70	81	1	339	499	0.00	87	81	84	NA	NA	NA
7/17	92	70	81	1	360	530	1.76	89	82	86	NA	NA	NA
7/18	88	70	79	-1	379	559	Trace	88	82	85	NA	NA	NA
7/19	94	72	83	3	402	592	0.00	91	82	87	NA	NA	NA
7/20	95	74	85	5	427	627	0.00	92	84	88	NA	NA	NA
7/21	94	71	83	3	450	660	0.00	93	84	89	NA	NA	NA
7/22	96	70	83	3	473	693	0.00	92	84	88	NA	NA	NA
7/23	98	70	84	4	497	727	0.00	94	84	89	NA	NA	NA
7/24	97	70	84	4	521	761	0.00	93	84	89	NA	NA	NA
7/25	98	73	86	6	547	797	0.00	93	85	89	NA	NA	NA
7/26	97	74	86	6	573	833	0.00	94	85	90	NA	NA	NA
7/27	100	75	88	8	601	871	0.00	101	85	93	NA	NA	NA
7/28	99	69	84	5	625	905	0.08	101	81	91	NA	NA	NA
7/29	99	69	84	5	649	939	0.04	104	81	93	NA	NA	NA
7/30	97	65	81	2	670	970	0.00	103	82	93	NA	NA	NA
7/31	92	61	77	-2	687	997	0.00	102	79	91	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 93.9 Mean Minimum= 69.9 Average= 81.9
 DFN= +3.3 DFN= +2.5 DFN= +2.9
 Highest= 100 Lowest= 61

PRECIPITATION STATISTICS (inches):

Total= 2.64 DFN= -1.90 Greatest Daily= 1.76 Rain Days= 4
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 104 Lowest= 71 Average= 87

Daily Weather Observations: Tennessee Valley Substation, Belle Mina

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
8/ 1	94	65	80	1	20	30	0.00	103	79	91	NA	NA	NA
8/ 2	87	67	77	-2	37	57	0.19	88	78	83	NA	NA	NA
8/ 3	88	69	79	0	56	86	0.00	91	78	85	NA	NA	NA
8/ 4	89	67	78	-1	74	114	0.04	93	79	86	NA	NA	NA
8/ 5	79	67	73	-6	87	137	0.85	84	78	81	NA	NA	NA
8/ 6	87	68	78	-1	105	165	1.11	88	78	83	NA	NA	NA
8/ 7	73	66	70	-9	115	185	0.47	80	76	78	NA	NA	NA
8/ 8	80	66	73	-6	128	208	Trace	85	76	81	NA	NA	NA
8/ 9	87	62	75	-4	143	233	0.00	92	75	84	NA	NA	NA
8/10	89	62	76	-3	159	259	0.00	90	75	83	NA	NA	NA
8/11	89	65	77	-2	176	286	0.00	91	77	84	NA	NA	NA
8/12	92	67	80	1	196	316	0.00	91	79	85	NA	NA	NA
8/13	89	67	78	-1	214	344	0.00	93	81	87	NA	NA	NA
8/14	86	67	77	-2	231	371	1.90	87	77	82	NA	NA	NA
8/15	87	68	78	-1	249	399	0.00	90	78	84	NA	NA	NA
8/16	92	69	81	2	270	430	0.00	94	78	86	NA	NA	NA
8/17	93	69	81	2	291	461	0.00	98	80	89	NA	NA	NA
8/18	93	71	82	3	313	493	0.00	99	81	90	NA	NA	NA
8/19	93	68	81	2	334	524	0.76	99	80	90	NA	NA	NA
8/20	92	68	80	1	354	554	0.00	96	80	88	NA	NA	NA
8/21	94	69	82	4	376	586	0.15	94	81	88	NA	NA	NA
8/22	91	69	80	2	396	616	0.00	95	81	88	NA	NA	NA
8/23	92	69	81	3	417	647	0.00	95	81	88	NA	NA	NA
8/24	93	69	81	3	438	678	0.00	99	81	90	NA	NA	NA
8/25	93	71	82	4	460	710	0.00	97	83	90	NA	NA	NA
8/26	95	71	83	5	483	743	0.00	101	83	92	NA	NA	NA
8/27	94	68	81	3	504	774	0.03	100	82	91	NA	NA	NA
8/28	94	68	81	4	525	805	0.00	100	82	91	NA	NA	NA
8/29	94	69	82	5	547	837	0.00	100	83	92	NA	NA	NA
8/30	95	70	83	6	570	870	0.00	102	83	93	NA	NA	NA
8/31	93	68	81	4	591	901	0.00	98	82	90	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 89.9 Mean Minimum= 67.7 Average= 78.8
 DFN= -0.6 DFN= +1.7 DFN= +0.5
 Highest= 95 Lowest= 62

PRECIPITATION STATISTICS (inches):

Total= 5.50 DFN= +2.27 Greatest Daily= 1.90 Rain Days= 9
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 103 Lowest= 75 Average= 87

Daily Weather Observations: Tennessee Valley Substation, Belle Mina

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
9/ 1	95	65	80	4	20	30	0.00	101	82	92	NA	NA	NA
9/ 2	96	66	81	5	41	61	0.00	100	82	91	NA	NA	NA
9/ 3	88	72	80	4	61	91	0.32	89	81	85	NA	NA	NA
9/ 4	87	66	77	1	78	118	0.99	88	79	84	NA	NA	NA
9/ 5	81	60	71	-5	89	139	0.00	87	76	82	NA	NA	NA
9/ 6	85	59	72	-3	101	161	0.00	88	80	84	NA	NA	NA
9/ 7	87	58	73	-2	114	184	0.00	90	74	82	NA	NA	NA
9/ 8	88	62	75	0	129	209	0.00	89	75	82	NA	NA	NA
9/ 9	85	62	74	-1	143	233	0.00	89	75	82	NA	NA	NA
9/10	83	56	70	-4	153	253	0.26	85	72	79	NA	NA	NA
9/11	82	49	66	-8	159	269	0.00	85	67	76	NA	NA	NA
9/12	80	51	66	-8	165	285	0.00	87	67	77	NA	NA	NA
9/13	88	53	71	-3	176	306	0.00	88	69	79	NA	NA	NA
9/14	90	68	79	6	195	335	0.00	87	75	81	NA	NA	NA
9/15	90	69	80	7	215	365	0.18	88	77	83	NA	NA	NA
9/16	75	59	67	-6	222	382	1.16	79	72	76	NA	NA	NA
9/17	74	60	67	-5	229	399	0.00	79	72	76	NA	NA	NA
9/18	77	51	64	-8	233	413	0.00	83	69	76	NA	NA	NA
9/19	80	50	65	-7	238	428	0.00	86	67	77	NA	NA	NA
9/20	84	49	67	-4	245	445	0.00	89	67	78	NA	NA	NA
9/21	73	59	66	-5	251	461	1.02	76	70	73	NA	NA	NA
9/22	84	52	68	-3	259	479	0.00	86	68	77	NA	NA	NA
9/23	87	53	70	-1	269	499	0.00	86	68	77	NA	NA	NA
9/24	87	58	73	3	282	522	0.18	84	70	77	NA	NA	NA
9/25	81	65	73	3	295	545	0.60	82	74	78	NA	NA	NA
9/26	88	66	77	8	312	572	0.00	86	74	80	NA	NA	NA
9/27	86	59	73	4	325	595	0.58	79	70	75	NA	NA	NA
9/28	67	43	55	-13	325	600	0.00	78	62	70	NA	NA	NA
9/29	75	43	59	-9	325	609	0.00	80	62	71	NA	NA	NA
9/30	75	43	59	-8	325	618	0.00	80	62	71	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 83.3 Mean Minimum= 57.5 Average= 70.4
 DFN= -1.3 DFN= -2.7 DFN= -2.0
 Highest= 96 Lowest= 43

PRECIPITATION STATISTICS (inches):

Total= 5.29 DFN= +1.58 Greatest Daily= 1.16 Rain Days= 9
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 101 Lowest= 62 Average= 79

Daily Weather Observations: Tennessee Valley Substation, Belle Mina

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			VEG WET	SOLAR ENERGY	
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			EVAP
10/ 1	69	43	56	-11	0	6	0.00	79	61	70	NA	NA	NA
10/ 2	78	45	62	-5	2	18	0.00	80	62	71	NA	NA	NA
10/ 3	82	50	66	0	8	34	0.04	83	65	74	NA	NA	NA
10/ 4	74	42	58	-8	8	42	0.00	82	61	72	NA	NA	NA
10/ 5	76	42	59	-7	8	51	0.00	82	61	72	NA	NA	NA
10/ 6	84	45	65	0	13	66	0.00	84	62	73	NA	NA	NA
10/ 7	84	54	69	4	22	85	0.00	84	66	75	NA	NA	NA
10/ 8	80	53	67	3	29	102	0.00	82	66	74	NA	NA	NA
10/ 9	83	53	68	4	37	120	0.00	84	66	75	NA	NA	NA
10/10	80	47	64	0	41	134	0.00	79	65	72	NA	NA	NA
10/11	54	46	50	-13	41	134	0.00	67	61	64	NA	NA	NA
10/12	55	38	47	-16	41	134	0.00	62	57	60	NA	NA	NA
10/13	68	42	55	-7	41	139	0.00	75	57	66	NA	NA	NA
10/14	73	43	58	-4	41	147	0.00	76	59	68	NA	NA	NA
10/15	77	54	66	5	47	163	0.00	79	64	72	NA	NA	NA
10/16	68	58	63	2	50	176	0.24	69	65	67	NA	NA	NA
10/17	72	60	66	5	56	192	0.01	71	66	69	NA	NA	NA
10/18	79	58	69	9	65	211	0.00	74	65	70	NA	NA	NA
10/19	75	57	66	6	71	227	0.61	73	65	69	NA	NA	NA
10/20	80	61	71	12	82	248	0.00	76	67	72	NA	NA	NA
10/21	78	64	71	12	93	269	0.14	75	71	73	NA	NA	NA
10/22	66	46	56	-3	93	275	0.09	71	57	64	NA	NA	NA
10/23	66	40	53	-5	93	278	0.00	67	55	61	NA	NA	NA
10/24	71	40	56	-2	93	284	0.00	70	52	61	NA	NA	NA
10/25	69	50	60	2	93	294	0.00	68	60	64	NA	NA	NA
10/26	75	49	62	5	95	306	0.00	71	60	66	NA	NA	NA
10/27	77	49	63	6	98	319	0.00	75	60	68	NA	NA	NA
10/28	66	33	50	-7	98	319	0.00	71	53	62	NA	NA	NA
10/29	67	32	50	-6	98	319	0.00	69	53	61	NA	NA	NA
10/30	56	37	47	-9	98	319	0.97	60	53	57	NA	NA	NA
10/31	39	33	36	-20	98	319	0.00	53	47	50	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 71.6 Mean Minimum= 47.2 Average= 59.4
 DFN= -2.9 DFN= -0.1 DFN= -1.5
 Highest= 84 Lowest= 32

PRECIPITATION STATISTICS (inches):

Total= 2.10 DFN= -0.84 Greatest Daily= 0.97 Rain Days= 7
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 84 Lowest= 47 Average= 67

Daily Weather Observations: Tennessee Valley Substation, Belle Mina

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
11/ 1	40	24	32	-23	0	0	0.00	49	45	47	NA	NA	NA
11/ 2	50	24	37	-18	0	0	0.00	57	45	51	NA	NA	NA
11/ 3	54	29	42	-12	0	0	0.00	55	45	50	NA	NA	NA
11/ 4	54	44	49	-5	0	0	0.10	54	52	53	NA	NA	NA
11/ 5	64	51	58	4	0	8	0.48	59	54	57	NA	NA	NA
11/ 6	70	37	54	1	0	12	0.00	64	53	59	NA	NA	NA
11/ 7	45	26	36	-17	0	12	0.00	54	47	51	NA	NA	NA
11/ 8	48	25	37	-16	0	12	0.00	55	47	51	NA	NA	NA
11/ 9	61	25	43	-10	0	12	0.00	58	46	52	NA	NA	NA
11/10	61	33	47	-5	0	12	0.00	56	49	53	NA	NA	NA
11/11	65	30	48	-4	0	12	0.00	59	48	54	NA	NA	NA
11/12	68	33	51	-1	0	13	0.00	58	48	53	NA	NA	NA
11/13	65	41	53	1	0	16	0.00	57	52	55	NA	NA	NA
11/14	76	62	69	18	9	35	0.07	63	57	60	NA	NA	NA
11/15	78	63	71	20	20	56	3.00	67	62	65	NA	NA	NA
11/16	67	54	61	10	21	67	0.07	67	63	65	NA	NA	NA
11/17	69	55	62	12	23	79	0.26	65	63	64	NA	NA	NA
11/18	68	45	57	7	23	86	0.66	65	58	62	NA	NA	NA
11/19	52	45	49	0	23	86	0.00	58	58	58	NA	NA	NA
11/20	53	33	43	-6	23	86	0.04	59	53	56	NA	NA	NA
11/21	50	27	39	-10	23	86	0.00	55	50	53	NA	NA	NA
11/22	60	29	45	-4	23	86	0.00	55	50	53	NA	NA	NA
11/23	63	31	47	-2	23	86	0.00	57	49	53	NA	NA	NA
11/24	68	37	53	5	23	89	0.00	59	48	54	NA	NA	NA
11/25	71	37	54	6	23	93	0.00	60	50	55	NA	NA	NA
11/26	72	48	60	12	23	103	0.00	61	54	58	NA	NA	NA
11/27	59	34	47	-1	23	103	0.37	57	49	53	NA	NA	NA
11/28	50	29	40	-7	23	103	0.00	57	46	52	NA	NA	NA
11/29	48	28	38	-9	23	103	0.00	52	42	47	NA	NA	NA
11/30	59	28	44	-3	23	103	0.00	56	42	49	NA	NA	NA

AIR TEMPERATURES (in degrees F):
 Mean Maximum= 60.3 Mean Minimum= 36.9 Average= 48.6
 DFN= -2.5 DFN= -1.3 DFN= -1.9
 Highest= 78 Lowest= 24

PRECIPITATION STATISTICS (inches):
 Total= 5.05 DFN= +0.66 Greatest Daily= 3.00 Rain Days= 9
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):
 Highest= 67 Lowest= 42 Average= 55

Daily Weather Observations: Tennessee Valley Substation, Belle Mina

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
12/ 1	60	30	45	-2	0	0	0.00	56	44	50	NA	NA	NA
12/ 2	60	41	51	5	0	1	0.00	56	47	52	NA	NA	NA
12/ 3	59	42	51	5	0	2	0.05	53	48	51	NA	NA	NA
12/ 4	64	48	56	10	0	8	0.55	57	53	55	NA	NA	NA
12/ 5	65	46	56	11	0	14	0.75	60	55	58	NA	NA	NA
12/ 6	55	33	44	-1	0	14	0.00	59	49	54	NA	NA	NA
12/ 7	53	28	41	-4	0	14	0.00	55	45	50	NA	NA	NA
12/ 8	53	28	41	-4	0	14	0.00	54	44	49	NA	NA	NA
12/ 9	60	35	48	3	0	14	0.00	59	48	54	NA	NA	NA
12/10	63	37	50	6	0	14	0.61	55	47	51	NA	NA	NA
12/11	65	38	52	8	0	16	0.01	59	48	54	NA	NA	NA
12/12	44	23	34	-10	0	16	0.00	51	40	46	NA	NA	NA
12/13	47	23	35	-9	0	16	0.00	47	40	44	NA	NA	NA
12/14	55	39	47	3	0	16	0.61	46	44	45	NA	NA	NA
12/15	45	39	42	-2	0	16	0.04	45	45	45	NA	NA	NA
12/16	44	40	42	-1	0	16	0.00	45	45	45	NA	NA	NA
12/17	45	41	43	0	0	16	0.00	46	45	46	NA	NA	NA
12/18	46	41	44	1	0	16	0.12	47	46	47	NA	NA	NA
12/19	52	30	41	-2	0	16	0.00	49	43	46	NA	NA	NA
12/20	51	30	41	-2	0	16	0.20	51	42	47	NA	NA	NA
12/21	43	29	36	-7	0	16	0.82	44	41	43	NA	NA	NA
12/22	41	29	35	-7	0	16	0.00	47	40	44	NA	NA	NA
12/23	43	30	37	-5	0	16	0.07	43	40	42	NA	NA	NA
12/24	40	20	30	-12	0	16	0.00	44	35	40	NA	NA	NA
12/25	40	20	30	-12	0	16	0.00	43	35	39	NA	NA	NA
12/26	40	20	30	-12	0	16	Trace	42	35	39	NA	NA	NA
12/27	56	22	39	-2	0	16	0.00	44	35	40	NA	NA	NA
12/28	63	39	51	10	0	17	0.02	49	38	44	NA	NA	NA
12/29	58	33	46	5	0	17	1.20	49	45	47	NA	NA	NA
12/30	39	22	31	-10	0	17	0.00	44	40	42	NA	NA	NA
12/31	36	18	27	-14	0	17	0.00	41	38	40	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 51.1 Mean Minimum= 32.1 Average= 41.6
 DFN= -2.7 DFN= -0.5 DFN= -1.6
 Highest= 65 Lowest= 18

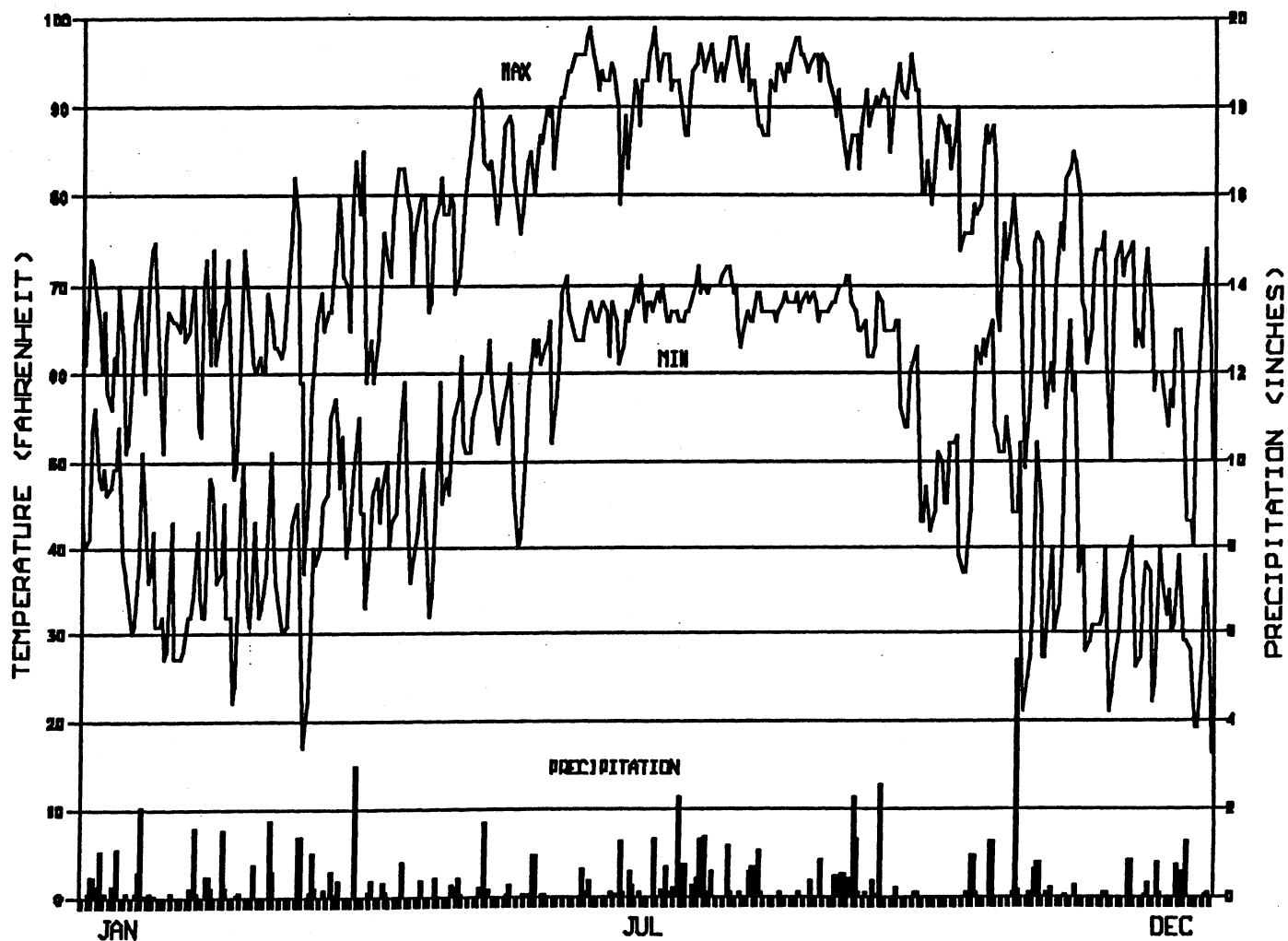
PRECIPITATION STATISTICS (inches):

Total= 5.05 DFN= -0.32 Greatest Daily= 1.20 Rain Days= 13
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 60 Lowest= 35 Average= 46

Brewton Experiment Field, Brewton
Daily Precipitation, Maximum and Minimum Temperature
January 1 - December 31 1993



Monthly precipitation summary: Brewton Experiment Field, Brewton

For the period: Sunday January 1, 1984
to: Thursday December 31, 1992

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1984	4.74	3.75	5.27	4.78	9.58	4.29	7.22	11.08	3.69	2.41	2.62	2.85	62.28
	-0.02	-2.03	-0.93	-0.38	4.84	-1.61	0.28	5.57	-1.33	-0.51	-1.43	-2.75	-0.30
1985	5.87	8.33	3.33	2.34	3.85	4.49	9.90	3.37	4.10	8.66	4.36	4.13	62.73
	1.11	2.76	-2.87	-2.82	-0.89	-1.41	2.96	-2.14	-0.92	5.74	0.31	-1.47	0.36
1986	8.66	4.06	7.46	0.58	3.83	4.34	9.23	3.57	3.16	4.00	9.41	3.66	61.96
	3.90	-1.51	1.26	-4.58	-0.91	-1.56	2.29	-1.94	-1.86	1.08	5.36	-1.94	-0.41
1987	6.31	6.88	6.13	0.74	8.94	9.08	2.96	9.61	1.68	0.69	6.17	4.05	63.24
	1.55	1.31	-0.07	-4.42	4.20	3.18	-3.98	4.10	-3.34	-2.23	2.12	-1.55	0.87
1988	6.42	5.14	7.63	3.36	0.94	1.35	9.04	4.59	16.39	3.05	3.02	1.86	62.79
	1.66	-0.64	1.43	-1.80	-3.80	-4.55	2.10	-0.92	11.37	0.13	-1.03	-3.74	0.21
1989	2.28	1.71	8.28	4.60	8.01	11.31	4.82	2.14	4.39	4.47	10.51	7.38	69.90
	-2.48	-3.86	2.08	-0.56	3.27	5.41	-2.12	-3.37	-0.63	1.55	6.46	1.78	7.53
1990	7.86	7.62	12.88	3.83	8.83	1.49	3.50	3.59	1.54	3.45	2.61	3.78	60.98
	3.10	2.05	6.68	-1.33	4.09	-4.41	-3.44	-1.92	-3.48	0.53	-1.44	-1.82	-1.39
1991	12.73	3.76	5.73	5.07	11.85	8.60	6.96	3.64	1.85	0.32	3.96	4.15	68.62
	7.97	-1.81	-0.47	-0.09	7.11	2.70	0.02	-1.87	-3.17	-2.60	-0.09	-1.45	6.25
1992	9.67	6.00	3.93	3.37	2.15	4.32	5.03	7.71	6.41	1.53	11.57	6.29	67.98
	4.91	0.22	-2.27	-1.79	-2.59	-1.58	-1.91	2.20	1.39	-1.39	7.52	0.69	5.40

SUMMARY FOR 1984 TO 1992													
	4.76	5.78	6.20	5.16	4.74	5.90	6.94	5.51	5.02	2.92	4.05	5.60	62.58
	21.70	-3.51	4.84	-17.77	15.32	-3.83	-3.80	-0.29	-1.97	2.30	17.78	-12.25	18.52

YEARLY TOTALS: LINE 1 OBSERVED MONTHLY RAIN TOTALS
LINE 2 DEPARTURE FROM NORMAL (DFN)
SUMMARY TOTALS: LINE 1 NORMAL MONTHLY RAIN TOTALS
LINE 2 CUMULATIVE MONTHLY DFN

NOTE: All Precip normals are based on the 1951-80 period.
Missing MONTHLY or YEARLY totals are NOT included
in the summary totals!

Daily Weather Observations: Brewton Experiment Field, Brewton

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
1/ 1	70	44	57	7	0	7	0.00	63	56	60	NA	NA	NA
1/ 2	61	40	51	1	0	8	0.00	58	52	55	NA	NA	NA
1/ 3	73	41	57	7	0	15	0.00	66	52	59	NA	NA	NA
1/ 4	72	54	63	13	3	28	Trace	66	59	63	NA	NA	NA
1/ 5	70	56	63	13	6	41	0.46	66	61	64	NA	NA	NA
1/ 6	66	48	57	7	6	48	0.26	66	60	63	NA	NA	NA
1/ 7	60	47	54	4	6	52	0.02	63	60	62	NA	NA	NA
1/ 8	67	49	58	8	6	60	1.05	61	59	60	NA	NA	NA
1/ 9	58	46	52	2	6	62	Trace	63	58	61	NA	NA	NA
1/10	56	47	52	2	6	64	0.00	58	58	58	NA	NA	NA
1/11	62	49	56	6	6	70	0.00	60	57	59	NA	NA	NA
1/12	60	49	55	6	6	75	0.27	59	57	58	NA	NA	NA
1/13	70	54	62	13	8	87	1.09	62	58	60	NA	NA	NA
1/14	63	39	51	2	8	88	0.00	63	52	58	NA	NA	NA
1/15	51	37	44	-6	8	88	0.00	53	50	52	NA	NA	NA
1/16	52	35	44	-6	8	88	0.07	49	49	49	NA	NA	NA
1/17	61	30	46	-4	8	88	0.00	58	47	53	NA	NA	NA
1/18	66	31	49	-1	8	88	0.00	60	47	54	NA	NA	NA
1/19	70	38	54	4	8	92	Trace	61	51	56	NA	NA	NA
1/20	62	51	57	7	8	99	0.57	53	52	53	NA	NA	NA
1/21	58	47	53	3	8	102	2.05	57	55	56	NA	NA	NA
1/22	71	36	54	4	8	106	0.03	66	51	59	NA	NA	NA
1/23	74	37	56	6	8	112	0.00	66	50	58	NA	NA	NA
1/24	75	42	59	9	8	121	Trace	64	50	57	NA	NA	NA
1/25	69	31	50	0	8	121	0.03	64	46	55	NA	NA	NA
1/26	56	31	44	-6	8	121	0.00	55	46	51	NA	NA	NA
1/27	51	32	42	-8	8	121	0.00	50	42	46	NA	NA	NA
1/28	64	27	46	-4	8	121	0.00	63	42	53	NA	NA	NA
1/29	67	28	48	-2	8	121	0.00	57	44	51	NA	NA	NA
1/30	66	43	55	5	8	126	Trace	56	51	54	NA	NA	NA
1/31	66	27	47	-4	8	126	0.00	61	47	54	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 64.1 Mean Minimum= 40.8 Average= 52.5
 DFN= +1.8 DFN= +3.9 DFN= +2.9
 Highest= 75 Lowest= 27

PRECIPITATION STATISTICS (inches):

Total= 5.90 DFN= +1.14 Greatest Daily= 2.05 Rain Days= 11
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 66 Lowest= 42 Average= 56

Daily Weather Observations: Brewton Experiment Field, Brewton

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
2/ 1	65	27	46	-5	0	0	0.00	60	47	54	NA	NA	NA
2/ 2	70	27	49	-2	0	0	0.00	62	46	54	NA	NA	NA
2/ 3	64	28	46	-5	0	0	0.00	60	46	53	NA	NA	NA
2/ 4	65	32	49	-2	0	0	0.00	61	46	54	NA	NA	NA
2/ 5	68	32	50	-1	0	0	0.00	64	49	57	NA	NA	NA
2/ 6	70	34	52	1	0	2	0.17	65	49	57	NA	NA	NA
2/ 7	54	42	48	-4	0	2	1.57	54	51	53	NA	NA	NA
2/ 8	53	34	44	-8	0	2	0.09	54	47	51	NA	NA	NA
2/ 9	70	32	51	-1	0	3	0.00	64	47	56	NA	NA	NA
2/10	73	32	53	1	0	6	0.00	64	47	56	NA	NA	NA
2/11	61	48	55	3	0	11	0.46	58	53	56	NA	NA	NA
2/12	74	47	61	9	1	22	0.16	66	56	61	NA	NA	NA
2/13	61	42	52	0	1	24	0.00	62	52	57	NA	NA	NA
2/14	63	36	50	-2	1	24	0.00	63	50	57	NA	NA	NA
2/15	67	37	52	0	1	26	0.00	64	50	57	NA	NA	NA
2/16	68	45	57	4	1	33	1.52	60	52	56	NA	NA	NA
2/17	73	32	53	0	1	36	0.16	66	47	57	NA	NA	NA
2/18	56	32	44	-9	1	36	0.00	56	46	51	NA	NA	NA
2/19	48	22	35	-18	1	36	0.00	58	41	50	NA	NA	NA
2/20	49	24	37	-16	1	36	0.00	50	40	45	NA	NA	NA
2/21	65	44	55	1	1	41	0.04	58	50	54	NA	NA	NA
2/22	74	50	62	8	3	53	0.08	63	58	61	NA	NA	NA
2/23	68	33	51	-3	3	54	0.00	65	49	57	NA	NA	NA
2/24	65	31	48	-6	3	54	0.00	67	49	58	NA	NA	NA
2/25	61	35	48	-6	3	54	0.00	64	49	57	NA	NA	NA
2/26	60	43	52	-3	3	56	0.71	57	52	55	NA	NA	NA
2/27	62	32	47	-8	3	56	0.00	60	46	53	NA	NA	NA
2/28	60	33	47	-8	3	56	0.00	60	45	53	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 63.8 Mean Minimum= 35.2 Average= 49.5
 DFN= -2.5 DFN= -3.4 DFN= -2.9
 Highest= 74 Lowest= 22

PRECIPITATION STATISTICS (inches):

Total= 4.96 DFN= -0.61 Greatest Daily= 1.57 Rain Days= 10
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 67 Lowest= 40 Average= 55

Daily Weather Observations: Brewton Experiment Field, Brewton

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
3/ 1	60	35	48	-7	0	0	0.00	61	49	55	NA	NA	NA
3/ 2	69	37	53	-3	0	3	0.00	68	49	59	NA	NA	NA
3/ 3	66	51	59	3	0	12	1.73	59	56	58	NA	NA	NA
3/ 4	63	41	52	-4	0	14	0.54	61	51	56	NA	NA	NA
3/ 5	63	36	50	-6	0	14	0.00	62	49	56	NA	NA	NA
3/ 6	62	32	47	-10	0	14	0.00	64	49	57	NA	NA	NA
3/ 7	63	30	47	-10	0	14	0.00	61	48	55	NA	NA	NA
3/ 8	71	31	51	-6	0	15	0.00	66	48	57	NA	NA	NA
3/ 9	75	39	57	0	0	22	0.00	70	52	61	NA	NA	NA
3/10	82	43	63	5	3	35	0.00	73	53	63	NA	NA	NA
3/11	77	45	61	3	4	46	0.00	73	54	64	NA	NA	NA
3/12	59	39	49	-9	4	46	0.00	61	52	57	NA	NA	NA
3/13	59	27	43	-15	4	46	1.35	59	42	51	NA	NA	NA
3/14	37	17	27	-32	4	46	0.00	46	39	43	NA	NA	NA
3/15	47	22	35	-24	4	46	0.00	54	39	47	NA	NA	NA
3/16	58	29	44	-15	4	46	Trace	57	40	49	NA	NA	NA
3/17	61	40	51	-8	4	47	0.98	56	47	52	NA	NA	NA
3/18	66	38	52	-8	4	49	0.19	60	49	55	NA	NA	NA
3/19	69	40	55	-5	4	54	0.00	65	49	57	NA	NA	NA
3/20	65	45	55	-5	4	59	0.00	63	51	57	NA	NA	NA
3/21	67	46	57	-3	4	66	0.15	63	53	58	NA	NA	NA
3/22	67	55	61	0	5	77	0.00	NA	NA	NA	NA	NA	NA
3/23	74	57	66	5	11	93	0.53	66	59	63	NA	NA	NA
3/24	80	54	67	6	18	110	0.04	72	63	68	NA	NA	NA
3/25	77	47	62	0	20	122	0.00	73	62	68	NA	NA	NA
3/26	71	53	62	0	22	134	0.35	71	62	67	NA	NA	NA
3/27	70	39	55	-7	22	139	0.00	68	55	62	NA	NA	NA
3/28	65	41	53	-9	22	142	0.00	65	55	60	NA	NA	NA
3/29	79	45	62	-1	24	154	0.00	74	55	65	NA	NA	NA
3/30	84	49	67	4	31	171	0.00	82	59	71	NA	NA	NA
3/31	78	55	67	4	38	188	2.98	71	63	67	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 67.2 Mean Minimum= 40.6 Average= 53.9
 DFN= -6.0 DFN= -4.2 DFN= -5.1
 Highest= 84 Lowest= 17

PRECIPITATION STATISTICS (inches):

Total= 8.84 DFN= +2.64 Greatest Daily= 2.98 Rain Days= 10
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 82 Lowest= 39 Average= 58

Daily Weather Observations: Brewton Experiment Field, Brewton

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
4/ 1	85	44	65	2	5	15	0.00	78	60	69	NA	NA	NA
4/ 2	75	44	60	-4	5	25	0.00	75	58	67	NA	NA	NA
4/ 3	59	33	46	-18	5	25	0.00	69	53	61	NA	NA	NA
4/ 4	64	40	52	-12	5	27	Trace	66	53	60	NA	NA	NA
4/ 5	59	46	53	-11	5	30	0.34	66	52	59	NA	NA	NA
4/ 6	64	48	56	-8	5	36	0.00	65	58	62	NA	NA	NA
4/ 7	69	43	56	-9	5	42	0.00	70	55	63	NA	NA	NA
4/ 8	76	47	62	-3	7	54	0.00	76	54	65	NA	NA	NA
4/ 9	72	50	61	-4	8	65	0.29	67	59	63	NA	NA	NA
4/10	71	40	56	-9	8	71	Trace	69	55	62	NA	NA	NA
4/11	78	43	61	-5	9	82	0.00	77	55	66	NA	NA	NA
4/12	83	44	64	-2	13	96	0.00	81	58	70	NA	NA	NA
4/13	83	51	67	1	20	113	0.00	81	62	72	NA	NA	NA
4/14	83	56	70	4	30	133	0.00	87	67	77	NA	NA	NA
4/15	81	59	70	4	40	153	0.80	83	69	76	NA	NA	NA
4/16	78	42	60	-7	40	163	0.00	77	59	68	NA	NA	NA
4/17	70	36	53	-14	40	166	0.00	76	58	67	NA	NA	NA
4/18	76	38	57	-10	40	173	0.00	83	58	71	NA	NA	NA
4/19	79	42	61	-6	41	184	0.00	84	62	73	NA	NA	NA
4/20	80	46	63	-4	44	197	0.00	81	62	72	NA	NA	NA
4/21	80	49	65	-3	49	212	0.32	82	66	74	NA	NA	NA
4/22	67	38	53	-15	49	215	0.00	75	57	66	NA	NA	NA
4/23	68	32	50	-18	49	215	0.00	76	56	66	NA	NA	NA
4/24	77	34	56	-12	49	221	0.00	81	58	70	NA	NA	NA
4/25	79	49	64	-5	53	235	0.00	83	62	73	NA	NA	NA
4/26	82	59	71	2	64	256	0.37	83	69	76	NA	NA	NA
4/27	78	45	62	-7	66	268	0.00	82	62	72	NA	NA	NA
4/28	78	48	63	-6	69	281	0.00	84	62	73	NA	NA	NA
4/29	80	46	63	-6	72	294	0.00	86	65	76	NA	NA	NA
4/30	79	51	65	-5	77	309	0.00	84	64	74	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 75.1 Mean Minimum= 44.8 Average= 59.9
 DFN= -6.1 DFN= -6.7 DFN= -6.4
 Highest= 85 Lowest= 32

PRECIPITATION STATISTICS (inches):

Total= 2.12 DFN= -3.04 Greatest Daily= 0.80 Rain Days= 5
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 87 Lowest= 52 Average= 69

Daily Weather Observations: Brewton Experiment Field, Brewton

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
5/ 1	69	55	62	-8	2	12	0.22	69	66	68	NA	NA	NA
5/ 2	71	57	64	-6	6	26	0.21	68	65	67	NA	NA	NA
5/ 3	75	62	69	-1	15	45	0.39	71	68	70	NA	NA	NA
5/ 4	79	52	66	-5	21	61	0.06	74	65	70	NA	NA	NA
5/ 5	82	51	67	-4	28	78	0.00	85	63	74	NA	NA	NA
5/ 6	87	51	69	-2	37	97	0.00	90	68	79	NA	NA	NA
5/ 7	91	55	73	2	50	120	0.00	92	69	81	NA	NA	NA
5/ 8	92	57	75	4	65	145	0.00	96	72	84	NA	NA	NA
5/ 9	90	58	74	2	79	169	0.00	95	73	84	NA	NA	NA
5/10	84	60	72	0	91	191	0.21	87	73	80	NA	NA	NA
5/11	83	60	72	0	103	213	0.00	85	72	79	NA	NA	NA
5/12	84	64	74	2	117	237	1.70	89	73	81	NA	NA	NA
5/13	82	59	71	-1	128	258	0.14	84	72	78	NA	NA	NA
5/14	77	54	66	-7	134	274	0.00	80	69	75	NA	NA	NA
5/15	79	52	66	-7	140	290	0.00	86	67	77	NA	NA	NA
5/16	83	54	69	-4	149	309	0.00	88	68	78	NA	NA	NA
5/17	88	56	72	-1	161	331	0.00	93	69	81	NA	NA	NA
5/18	89	59	74	0	175	355	0.00	93	72	83	NA	NA	NA
5/19	88	61	75	1	190	380	0.05	93	74	84	NA	NA	NA
5/20	82	55	69	-5	199	399	0.24	87	70	79	NA	NA	NA
5/21	80	46	63	-11	202	412	0.00	89	68	79	NA	NA	NA
5/22	76	40	58	-16	202	420	0.00	88	66	77	NA	NA	NA
5/23	78	41	60	-15	202	430	0.00	89	66	78	NA	NA	NA
5/24	84	51	68	-7	210	448	0.00	88	67	78	NA	NA	NA
5/25	85	58	72	-3	222	470	0.02	84	70	77	NA	NA	NA
5/26	80	64	72	-3	234	492	0.04	77	74	76	NA	NA	NA
5/27	84	62	73	-2	247	515	0.00	81	74	78	NA	NA	NA
5/28	87	64	76	0	263	541	0.91	83	73	78	NA	NA	NA
5/29	86	61	74	-2	277	565	0.00	85	72	79	NA	NA	NA
5/30	90	63	77	1	294	592	0.00	88	74	81	NA	NA	NA
5/31	89	64	77	1	311	619	0.02	92	76	84	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 83.0 Mean Minimum= 56.3 Average= 69.7
 DFN= -4.3 DFN= -1.9 DFN= -3.1
 Highest= 92 Lowest= 40

PRECIPITATION STATISTICS (inches):

Total= 4.21 DFN= -0.53 Greatest Daily= 1.70 Rain Days= 13
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 96 Lowest= 63 Average= 78

Daily Weather Observations: Brewton Experiment Field, Brewton

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
6/ 1	90	66	78	2	18	28	0.00	97	76	87	NA	NA	NA
6/ 2	83	52	68	-8	26	46	0.00	94	74	84	NA	NA	NA
6/ 3	89	57	73	-4	39	69	0.00	97	74	86	NA	NA	NA
6/ 4	91	61	76	-1	55	95	0.00	96	77	87	NA	NA	NA
6/ 5	91	69	80	3	75	125	0.00	94	80	87	NA	NA	NA
6/ 6	94	71	83	6	98	158	0.00	96	81	89	NA	NA	NA
6/ 7	94	67	81	4	119	189	0.00	98	83	91	NA	NA	NA
6/ 8	96	65	81	4	140	220	0.00	100	82	91	NA	NA	NA
6/ 9	96	64	80	2	160	250	0.00	100	82	91	NA	NA	NA
6/10	96	64	80	2	180	280	0.00	99	83	91	NA	NA	NA
6/11	96	64	80	2	200	310	0.00	100	82	91	NA	NA	NA
6/12	98	66	82	4	222	342	0.00	105	84	95	NA	NA	NA
6/13	99	67	83	5	245	375	0.62	105	82	94	NA	NA	NA
6/14	97	68	83	4	268	408	Trace	96	80	88	NA	NA	NA
6/15	94	66	80	1	288	438	0.32	94	78	86	NA	NA	NA
6/16	92	66	79	0	307	467	0.00	92	77	85	NA	NA	NA
6/17	94	67	81	2	328	498	0.00	98	79	89	NA	NA	NA
6/18	93	68	81	2	349	529	0.00	99	80	90	NA	NA	NA
6/19	93	67	80	1	369	559	0.00	100	82	91	NA	NA	NA
6/20	95	62	79	-1	388	588	0.00	99	82	91	NA	NA	NA
6/21	94	68	81	1	409	619	0.00	98	82	90	NA	NA	NA
6/22	90	66	78	-2	427	647	0.09	92	79	86	NA	NA	NA
6/23	79	61	70	-10	437	667	0.03	79	75	77	NA	NA	NA
6/24	89	63	76	-4	453	693	0.00	88	75	82	NA	NA	NA
6/25	83	67	75	-5	468	718	1.26	84	79	82	NA	NA	NA
6/26	87	66	77	-3	485	745	Trace	87	77	82	NA	NA	NA
6/27	93	68	81	1	506	776	0.00	94	77	86	NA	NA	NA
6/28	92	70	81	1	527	807	0.57	99	80	90	NA	NA	NA
6/29	88	68	78	-2	545	835	0.22	90	79	85	NA	NA	NA
6/30	93	71	82	2	567	867	0.00	92	78	85	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 92.0 Mean Minimum= 65.5 Average= 78.7
 DFN= -0.1 DFN= +0.8 DFN= +0.3
 Highest= 99 Lowest= 52

PRECIPITATION STATISTICS (inches):

Total= 3.11 DFN= -2.79 Greatest Daily= 1.26 Rain Days= 7
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 105 Lowest= 74 Average= 87

Daily Weather Observations: Brewton Experiment Field, Brewton

DATE	AIR TEMPERATURE			GDD			PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
7/ 1	93	66	80	0	20	30	0.08	89	78	84	NA	NA	NA
7/ 2	96	68	82	2	42	62	0.00	96	78	87	NA	NA	NA
7/ 3	97	68	83	3	65	95	0.00	100	80	90	NA	NA	NA
7/ 4	99	67	83	2	88	128	0.00	104	82	93	NA	NA	NA
7/ 5	93	69	81	0	109	159	1.28	97	81	89	NA	NA	NA
7/ 6	95	68	82	1	131	191	0.00	94	80	87	NA	NA	NA
7/ 7	96	70	83	2	154	224	0.00	97	81	89	NA	NA	NA
7/ 8	96	66	81	0	175	255	0.10	103	80	92	NA	NA	NA
7/ 9	92	66	79	-2	194	284	0.68	94	79	87	NA	NA	NA
7/10	93	67	80	-1	214	314	Trace	95	79	87	NA	NA	NA
7/11	93	67	80	-1	234	344	0.00	95	79	87	NA	NA	NA
7/12	91	66	79	-2	253	373	0.19	93	79	86	NA	NA	NA
7/13	87	66	77	-4	270	400	2.28	87	76	82	NA	NA	NA
7/14	87	67	77	-4	287	427	0.26	88	76	82	NA	NA	NA
7/15	91	67	79	-2	306	456	0.72	91	77	84	NA	NA	NA
7/16	94	68	81	0	327	487	0.00	92	78	85	NA	NA	NA
7/17	95	70	83	2	350	520	0.00	95	80	88	NA	NA	NA
7/18	97	72	85	4	375	555	0.23	100	82	91	NA	NA	NA
7/19	96	69	83	2	398	588	0.41	94	80	87	NA	NA	NA
7/20	94	70	82	1	420	620	1.28	91	80	86	NA	NA	NA
7/21	96	69	83	2	443	653	1.34	92	79	86	NA	NA	NA
7/22	97	70	84	3	467	687	Trace	94	79	87	NA	NA	NA
7/23	95	70	83	2	490	720	0.07	99	81	90	NA	NA	NA
7/24	93	70	82	1	512	752	0.52	92	80	86	NA	NA	NA
7/25	95	70	83	2	535	785	0.00	96	80	88	NA	NA	NA
7/26	93	71	82	1	557	817	0.00	95	82	89	NA	NA	NA
7/27	96	72	84	3	581	851	0.00	101	83	92	NA	NA	NA
7/28	98	72	85	4	606	886	0.00	103	85	94	NA	NA	NA
7/29	98	69	84	3	630	920	1.15	98	82	90	NA	NA	NA
7/30	96	70	83	2	653	953	0.09	95	82	89	NA	NA	NA
7/31	94	65	80	-1	673	983	0.00	93	80	87	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 94.4 Mean Minimum= 68.5 Average= 81.5
 DFN= +1.4 DFN= +0.5 DFN= +0.9
 Highest= 99 Lowest= 65

PRECIPITATION STATISTICS (inches):

Total= 10.68 DFN= +3.74 Greatest Daily= 2.28 Rain Days= 16
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 104 Lowest= 76 Average= 88

Daily Weather Observations: Brewton Experiment Field, Brewton

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
8/ 1	93	63	78	-3	18	28	0.00	97	80	89	NA	NA	NA
8/ 2	97	66	82	1	40	60	Trace	95	80	88	NA	NA	NA
8/ 3	92	67	80	-1	60	90	0.00	94	82	88	NA	NA	NA
8/ 4	93	66	80	-1	80	120	0.00	98	82	90	NA	NA	NA
8/ 5	93	66	80	-1	100	150	0.55	94	79	87	NA	NA	NA
8/ 6	88	69	79	-2	119	179	0.67	87	79	83	NA	NA	NA
8/ 7	88	69	79	-2	138	208	0.28	89	78	84	NA	NA	NA
8/ 8	87	67	77	-4	155	235	1.05	86	78	82	NA	NA	NA
8/ 9	87	67	77	-4	172	262	0.08	86	78	82	NA	NA	NA
8/10	93	67	80	-1	192	292	0.00	93	79	86	NA	NA	NA
8/11	92	67	80	-1	212	322	0.00	91	79	85	NA	NA	NA
8/12	95	66	81	0	233	353	0.00	94	80	87	NA	NA	NA
8/13	95	67	81	1	254	384	0.00	97	82	90	NA	NA	NA
8/14	93	68	81	1	275	415	0.00	96	82	89	NA	NA	NA
8/15	95	69	82	2	297	447	Trace	97	84	91	NA	NA	NA
8/16	94	68	81	1	318	478	0.00	99	84	92	NA	NA	NA
8/17	96	68	82	2	340	510	0.00	101	84	93	NA	NA	NA
8/18	98	68	83	3	363	543	0.00	100	85	93	NA	NA	NA
8/19	98	69	84	4	387	577	0.00	104	86	95	NA	NA	NA
8/20	96	67	82	2	409	609	0.00	98	84	91	NA	NA	NA
8/21	96	68	82	2	431	641	Trace	99	84	92	NA	NA	NA
8/22	94	69	82	2	453	673	0.00	100	84	92	NA	NA	NA
8/23	95	68	82	2	475	705	0.00	102	84	93	NA	NA	NA
8/24	96	69	83	3	498	738	0.00	102	86	94	NA	NA	NA
8/25	96	68	82	2	520	770	0.35	99	81	90	NA	NA	NA
8/26	93	66	80	0	540	800	0.00	91	80	86	NA	NA	NA
8/27	96	67	82	2	562	832	0.00	97	80	89	NA	NA	NA
8/28	95	67	81	1	583	863	0.82	94	80	87	NA	NA	NA
8/29	93	67	80	1	603	893	0.00	92	80	86	NA	NA	NA
8/30	91	68	80	1	623	923	0.00	93	80	87	NA	NA	NA
8/31	89	68	79	0	642	952	0.00	90	80	85	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 93.5 Mean Minimum= 67.4 Average= 80.4
 DFN= +0.9 DFN= +0.0 DFN= +0.5
 Highest= 98 Lowest= 63

PRECIPITATION STATISTICS (inches):

Total= 3.80 DFN= -1.71 Greatest Daily= 1.05 Rain Days= 7
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 104 Lowest= 78 Average= 88

Daily Weather Observations: Brewton Experiment Field, Brewton

DATE	AIR TEMPERATURE			GDD			PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
9/ 1	92	69	81	2	21	31	0.00	94	80	87	NA	NA	NA
9/ 2	89	70	80	1	41	61	0.44	83	80	82	NA	NA	NA
9/ 3	85	70	78	-1	59	89	0.21	85	79	82	NA	NA	NA
9/ 4	83	71	77	-2	76	116	0.50	83	79	81	NA	NA	NA
9/ 5	85	71	78	0	94	144	0.00	85	79	82	NA	NA	NA
9/ 6	87	68	78	0	112	172	0.41	86	78	82	NA	NA	NA
9/ 7	87	67	77	-1	129	199	2.25	83	77	80	NA	NA	NA
9/ 8	83	65	74	-4	143	223	1.31	83	76	80	NA	NA	NA
9/ 9	88	65	77	-1	160	250	Trace	90	76	83	NA	NA	NA
9/10	92	66	79	1	179	279	0.00	91	77	84	NA	NA	NA
9/11	88	62	75	-2	194	304	Trace	88	76	82	NA	NA	NA
9/12	90	62	76	-1	210	330	0.00	92	76	84	NA	NA	NA
9/13	91	63	77	0	227	357	0.00	93	77	85	NA	NA	NA
9/14	90	69	80	3	247	387	0.36	87	78	83	NA	NA	NA
9/15	92	68	80	3	267	417	0.02	89	78	84	NA	NA	NA
9/16	91	65	78	2	285	445	2.56	90	77	84	NA	NA	NA
9/17	91	65	78	2	303	473	0.00	91	76	84	NA	NA	NA
9/18	85	65	75	-1	318	498	0.00	85	77	81	NA	NA	NA
9/19	91	65	78	2	336	526	0.00	92	76	84	NA	NA	NA
9/20	93	66	80	5	356	556	0.00	93	78	86	NA	NA	NA
9/21	95	66	81	6	377	587	0.18	99	79	89	NA	NA	NA
9/22	92	56	74	-1	391	611	0.00	91	75	83	NA	NA	NA
9/23	91	54	73	-1	404	634	0.00	94	73	84	NA	NA	NA
9/24	93	54	74	0	418	658	0.00	93	72	83	NA	NA	NA
9/25	96	60	78	5	436	686	0.00	95	76	86	NA	NA	NA
9/26	92	62	77	4	453	713	0.00	94	78	86	NA	NA	NA
9/27	92	63	78	5	471	741	Trace	94	78	86	NA	NA	NA
9/28	80	43	62	-10	473	753	0.08	88	68	78	NA	NA	NA
9/29	80	43	62	-10	475	765	0.00	87	63	75	NA	NA	NA
9/30	84	47	66	-6	481	781	0.00	87	64	76	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 88.9 Mean Minimum= 62.7 Average= 75.8
 DFN= +0.6 DFN= -0.8 DFN= -0.1
 Highest= 96 Lowest= 43

PRECIPITATION STATISTICS (inches):

Total= 8.32 DFN= +3.30 Greatest Daily= 2.56 Rain Days= 11
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 99 Lowest= 63 Average= 83

Daily Weather Observations: Brewton Experiment Field, Brewton

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
10/ 1	79	42	61	-10	1	11	0.00	86	67	77	NA	NA	NA
10/ 2	82	43	63	-8	4	24	0.00	87	66	77	NA	NA	NA
10/ 3	86	44	65	-5	9	39	0.00	89	67	78	NA	NA	NA
10/ 4	89	51	70	0	19	59	0.00	89	71	80	NA	NA	NA
10/ 5	88	50	69	0	28	78	0.00	88	72	80	NA	NA	NA
10/ 6	86	45	66	-3	34	94	0.00	88	69	79	NA	NA	NA
10/ 7	88	45	67	-2	41	111	0.00	84	68	76	NA	NA	NA
10/ 8	83	52	68	0	49	129	0.00	86	72	79	NA	NA	NA
10/ 9	87	52	70	2	59	149	0.00	87	72	80	NA	NA	NA
10/10	90	53	72	5	71	171	0.00	89	73	81	NA	NA	NA
10/11	74	39	57	-10	71	178	0.00	85	66	76	NA	NA	NA
10/12	76	37	57	-9	71	185	0.00	81	65	73	NA	NA	NA
10/13	76	37	57	-9	71	192	0.00	82	65	74	NA	NA	NA
10/14	76	44	60	-6	71	202	0.09	77	66	72	NA	NA	NA
10/15	79	56	68	3	79	220	0.00	79	68	74	NA	NA	NA
10/16	78	63	71	6	90	241	0.95	76	70	73	NA	NA	NA
10/17	79	61	70	5	100	261	Trace	77	72	75	NA	NA	NA
10/18	85	64	75	11	115	286	0.00	82	73	78	NA	NA	NA
10/19	88	62	75	11	130	311	0.00	85	75	80	NA	NA	NA
10/20	86	64	75	11	145	336	0.00	83	75	79	NA	NA	NA
10/21	88	66	77	14	162	363	0.00	86	75	81	NA	NA	NA
10/22	84	54	69	6	171	382	1.21	83	70	77	NA	NA	NA
10/23	67	53	60	-3	171	392	0.00	71	66	69	NA	NA	NA
10/24	65	51	58	-4	171	400	0.00	66	64	65	NA	NA	NA
10/25	77	51	64	2	175	414	0.00	76	64	70	NA	NA	NA
10/26	73	55	64	2	179	428	0.00	70	66	68	NA	NA	NA
10/27	77	50	64	3	183	442	0.00	74	65	70	NA	NA	NA
10/28	80	44	62	1	185	454	0.00	76	63	70	NA	NA	NA
10/29	73	44	59	-2	185	463	Trace	75	62	69	NA	NA	NA
10/30	72	52	62	2	187	475	5.37	67	65	66	NA	NA	NA
10/31	61	29	45	-15	187	475	0.11	65	49	57	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 79.7 Mean Minimum= 50.1 Average= 64.9
 DFN= -0.2 DFN= +0.0 DFN= -0.1
 Highest= 90 Lowest= 29

PRECIPITATION STATISTICS (inches):

Total= 7.73 DFN= +4.81 Greatest Daily= 5.37 Rain Days= 5
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 89 Lowest= 49 Average= 74

Daily Weather Observations: Brewton Experiment Field, Brewton

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
11/ 1	49	21	35	-25	0	0	0.00	58	45	52	NA	NA	NA
11/ 2	56	25	41	-18	0	0	0.00	59	44	52	NA	NA	NA
11/ 3	62	27	45	-14	0	0	0.00	60	46	53	NA	NA	NA
11/ 4	75	34	55	-4	0	5	Trace	69	49	59	NA	NA	NA
11/ 5	76	52	64	5	4	19	0.62	69	60	65	NA	NA	NA
11/ 6	75	45	60	2	4	29	0.76	71	63	67	NA	NA	NA
11/ 7	60	27	44	-14	4	29	0.00	68	49	59	NA	NA	NA
11/ 8	56	27	42	-16	4	29	0.00	69	49	59	NA	NA	NA
11/ 9	61	36	49	-9	4	29	Trace	60	51	56	NA	NA	NA
11/10	58	40	49	-8	4	29	0.17	59	55	57	NA	NA	NA
11/11	70	30	50	-7	4	29	0.00	67	51	59	NA	NA	NA
11/12	77	33	55	-2	4	34	0.00	66	50	58	NA	NA	NA
11/13	74	39	57	0	4	41	0.00	64	50	57	NA	NA	NA
11/14	82	57	70	14	14	61	0.00	73	62	68	NA	NA	NA
11/15	83	66	75	19	29	86	0.05	72	68	70	NA	NA	NA
11/16	85	58	72	16	41	108	0.00	76	68	72	NA	NA	NA
11/17	84	60	72	17	53	130	0.00	75	67	71	NA	NA	NA
11/18	80	37	59	4	53	139	0.22	72	57	65	NA	NA	NA
11/19	68	39	54	-1	53	143	0.00	67	57	62	NA	NA	NA
11/20	67	40	54	-1	53	147	0.00	63	56	60	NA	NA	NA
11/21	61	28	45	-9	53	147	0.00	65	49	57	NA	NA	NA
11/22	65	29	47	-7	53	147	0.00	64	49	57	NA	NA	NA
11/23	72	31	52	-2	53	149	0.00	66	49	58	NA	NA	NA
11/24	74	31	53	-1	53	152	0.00	69	52	61	NA	NA	NA
11/25	74	31	53	-1	53	155	0.00	68	52	60	NA	NA	NA
11/26	76	32	54	0	53	159	0.00	69	52	61	NA	NA	NA
11/27	62	40	51	-3	53	160	Trace	61	57	59	NA	NA	NA
11/28	50	21	36	-17	53	160	Trace	57	45	51	NA	NA	NA
11/29	66	23	45	-8	53	160	0.00	63	43	53	NA	NA	NA
11/30	73	26	50	-3	53	160	0.00	66	47	57	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 69.0 Mean Minimum= 36.2 Average= 52.6
 DFN= -1.1 DFN= -5.3 DFN= -3.2
 Highest= 85 Lowest= 21

PRECIPITATION STATISTICS (inches):

Total= 1.82 DFN= -2.23 Greatest Daily= 0.76 Rain Days= 5
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 76 Lowest= 43 Average= 60

Daily Weather Observations: Brewton Experiment Field, Brewton

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
12/ 1	75	30	53	0	0	3	0.00	67	49	58	NA	NA	NA
12/ 2	71	36	54	1	0	7	0.00	66	50	58	NA	NA	NA
12/ 3	73	37	55	2	0	12	0.00	66	53	60	NA	NA	NA
12/ 4	74	40	57	4	0	19	0.00	65	56	61	NA	NA	NA
12/ 5	75	41	58	5	0	27	0.82	65	55	60	NA	NA	NA
12/ 6	63	34	49	-3	0	27	0.00	63	52	58	NA	NA	NA
12/ 7	65	26	46	-6	0	27	0.00	59	46	53	NA	NA	NA
12/ 8	63	27	45	-7	0	27	0.00	59	46	53	NA	NA	NA
12/ 9	71	35	53	1	0	30	0.00	62	50	56	NA	NA	NA
12/10	74	38	56	4	0	36	0.05	63	52	58	NA	NA	NA
12/11	67	37	52	0	0	38	0.29	62	51	57	NA	NA	NA
12/12	58	22	40	-11	0	38	0.00	59	43	51	NA	NA	NA
12/13	60	24	42	-9	0	38	0.00	57	43	50	NA	NA	NA
12/14	60	40	50	-1	0	38	0.79	56	49	53	NA	NA	NA
12/15	58	36	47	-4	0	38	Trace	61	50	56	NA	NA	NA
12/16	54	32	43	-8	0	38	0.00	56	48	52	NA	NA	NA
12/17	58	35	47	-4	0	38	0.00	59	48	54	NA	NA	NA
12/18	56	30	43	-8	0	38	0.00	60	48	54	NA	NA	NA
12/19	65	31	48	-3	0	38	0.00	60	48	54	NA	NA	NA
12/20	65	39	52	2	0	40	0.74	59	50	55	NA	NA	NA
12/21	60	34	47	-3	0	40	0.53	56	50	53	NA	NA	NA
12/22	53	29	41	-9	0	40	0.00	58	49	54	NA	NA	NA
12/23	43	29	36	-14	0	40	1.26	49	45	47	NA	NA	NA
12/24	43	28	36	-14	0	40	0.00	47	44	46	NA	NA	NA
12/25	40	23	32	-18	0	40	0.00	44	41	43	NA	NA	NA
12/26	56	19	38	-12	0	40	0.00	51	40	46	NA	NA	NA
12/27	60	19	40	-10	0	40	0.00	50	40	45	NA	NA	NA
12/28	70	27	49	-1	0	40	0.00	55	42	49	NA	NA	NA
12/29	74	39	57	7	0	47	0.03	61	46	54	NA	NA	NA
12/30	63	28	46	-4	0	47	Trace	59	44	52	NA	NA	NA
12/31	50	16	33	-17	0	47	0.00	51	40	46	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 61.8 Mean Minimum= 31.0 Average= 46.4
 DFN= -2.2 DFN= -6.8 DFN= -4.5
 Highest= 75 Lowest= 16

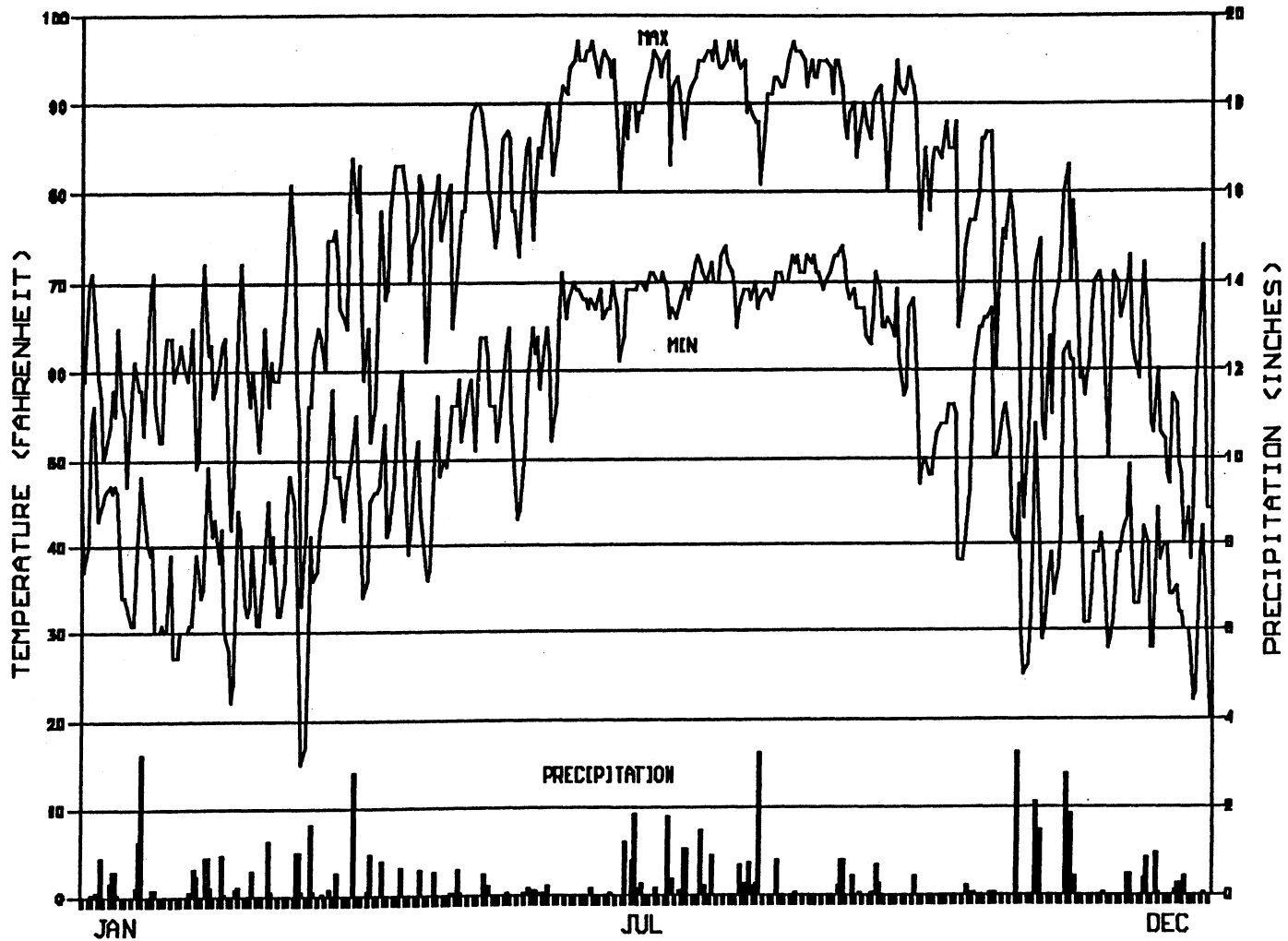
PRECIPITATION STATISTICS (inches):

Total= 4.51 DFN= -1.09 Greatest Daily= 1.26 Rain Days= 8
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 67 Lowest= 40 Average= 53

Lower Coastal Plain Substation, Camden
Daily Precipitation, Maximum and Minimum Temperature
January 1 - December 31 1993



Monthly precipitation summary: Lower Coastal Plain Substation, Camden

For the period: Sunday January 1, 1984
to: Thursday December 31, 1992

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1984													
	4.45	3.97	5.23	5.47	5.94	2.77	3.18	7.25	0.06	6.61	2.17	4.42	51.52
	-0.47	-1.20	-2.02	0.27	1.46	-1.35	-2.65	2.89	-4.07	3.58	-1.56	-1.30	-6.42
1985													
	3.02	5.10	2.35	4.25	2.84	4.03	5.83	3.58	3.17	3.73	3.34	3.11	44.35
	-1.90	0.14	-4.90	-0.95	-1.64	-0.09	0.00	-0.78	-0.96	0.70	-0.39	-2.61	-13.38
1986													
	2.37	4.88	5.48	0.91	7.05	1.74	4.95	4.32	2.92	2.21	11.45	3.66	51.94
	-2.55	-0.08	-1.77	-4.29	2.57	-2.38	-0.88	-0.04	-1.21	-0.82	7.72	-2.06	-5.79
1987													
	7.12	8.07	5.10	0.23	6.10	5.93	0.80	3.73	1.59	0.27	3.55	5.11	47.60
	2.20	3.11	-2.15	-4.97	1.62	1.81	-5.03	-0.63	-2.54	-2.76	-0.18	-0.61	-10.13
1988													
	6.09	4.45	3.65	4.03	0.48	1.39	7.89	2.90	6.50	4.36	6.67	4.24	52.65
	1.17	-0.72	-3.60	-1.17	-4.00	-2.73	2.06	-1.46	2.37	1.33	2.94	-1.48	-5.29
1989													
	4.09	2.09	7.39	5.28	2.25	9.75	6.16	2.00	3.74	1.59	4.89	6.71	55.94
	-0.83	-2.87	0.14	0.08	-2.23	5.63	0.33	-2.36	-0.39	-1.44	1.16	0.99	-1.79
1990													
	9.56	8.30	8.25	2.81	6.07	1.51	3.74	1.02	1.88	1.38	3.07	4.09	51.68
	4.64	3.34	1.00	-2.39	1.59	-2.61	-2.09	-3.34	-2.25	-1.65	-0.66	-1.63	-6.05
1991													
	10.43	3.90	6.50	4.32	10.59	2.52	8.05	2.25	3.24	0.20	4.36	5.31	61.67
	5.51	-1.06	-0.75	-0.88	6.11	-1.60	2.22	-2.11	-0.89	-2.83	0.63	-0.41	3.94
1992													
	7.91	7.83	2.79	2.73	1.39	7.14	9.46	4.75	3.35	2.46	9.35	8.21	67.37
	2.99	2.66	-4.46	-2.47	-3.09	3.02	3.63	0.39	-0.78	-0.57	5.62	2.49	9.43

SUMMARY FOR 1984 TO 1992													
	4.92	5.17	7.25	5.20	4.48	4.12	5.83	4.36	4.13	3.03	3.73	5.72	57.94
	10.76	3.32	-18.51	-16.77	2.39	-0.30	-2.41	-7.44	-10.72	-4.46	15.28	-6.62	-35.48

YEARLY TOTALS: LINE 1 OBSERVED MONTHLY RAIN TOTALS
LINE 2 DEPARTURE FROM NORMAL (DFN)
SUMMARY TOTALS: LINE 1 NORMAL MONTHLY RAIN TOTALS
LINE 2 CUMULATIVE MONTHLY DFN

NOTE: All Precip normals are based on the 1951-80 period.
Missing MONTHLY or YEARLY totals are NOT included
in the summary totals!

Daily Weather Observations: Lower Coastal Plain Substation, Camden

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
1/ 1	60	48	54	8	0	4	Trace	57	55	56	NA	NA	NA
1/ 2	59	37	48	2	0	4	Trace	58	55	57	NA	NA	NA
1/ 3	70	40	55	9	0	9	0.00	58	54	56	NA	NA	NA
1/ 4	71	54	63	17	3	22	0.00	59	55	57	NA	NA	NA
1/ 5	68	56	62	16	5	34	0.04	59	57	58	NA	NA	NA
1/ 6	59	43	51	5	5	35	0.08	59	57	58	NA	NA	NA
1/ 7	57	44	51	5	5	36	0.07	57	56	57	NA	NA	NA
1/ 8	50	45	48	2	5	36	0.89	57	56	57	NA	NA	NA
1/ 9	51	46	49	3	5	36	Trace	57	56	57	NA	NA	NA
1/10	54	47	51	5	5	37	Trace	57	56	57	NA	NA	NA
1/11	58	46	52	6	5	39	0.30	57	55	56	NA	NA	NA
1/12	55	47	51	6	5	40	0.55	57	55	56	NA	NA	NA
1/13	65	46	56	11	5	46	0.03	59	57	58	NA	NA	NA
1/14	56	34	45	0	5	46	0.00	58	54	56	NA	NA	NA
1/15	55	34	45	0	5	46	0.00	54	52	53	NA	NA	NA
1/16	47	33	40	-6	5	46	0.00	53	51	52	NA	NA	NA
1/17	57	31	44	-2	5	46	0.00	54	50	52	NA	NA	NA
1/18	61	31	46	0	5	46	0.00	53	50	52	NA	NA	NA
1/19	58	42	50	4	5	46	0.16	53	51	52	NA	NA	NA
1/20	58	48	53	7	5	49	1.26	54	53	54	NA	NA	NA
1/21	53	45	49	3	5	49	3.25	54	54	54	NA	NA	NA
1/22	64	40	52	6	5	51	0.00	57	53	55	NA	NA	NA
1/23	69	39	54	8	5	55	0.00	56	52	54	NA	NA	NA
1/24	71	40	56	10	5	61	Trace	56	52	54	NA	NA	NA
1/25	56	30	43	-3	5	61	0.12	57	51	54	NA	NA	NA
1/26	52	30	41	-5	5	61	0.00	52	48	50	NA	NA	NA
1/27	52	31	42	-4	5	61	0.00	51	47	49	NA	NA	NA
1/28	61	30	46	-1	5	61	0.00	50	41	46	NA	NA	NA
1/29	64	30	47	0	5	61	0.00	51	47	49	NA	NA	NA
1/30	64	39	52	5	5	63	Trace	54	50	52	NA	NA	NA
1/31	59	27	43	-4	5	63	0.00	53	48	51	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 59.2 Mean Minimum= 39.8 Average= 49.5
 DFN= +2.2 DFN= +5.5 DFN= +3.8
 Highest= 71 Lowest= 27

PRECIPITATION STATISTICS (inches):

Total= 6.75 DFN= +1.83 Greatest Daily= 3.25 Rain Days= 11
 Daily precipitatiOn amOunt Of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 59 Lowest= 41 Average= 54

Daily Weather Observations: Lower Coastal Plain Substation, Camden

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
2/ 1	61	27	44	-3	0	0	0.00	51	47	49	NA	NA	NA
2/ 2	63	30	47	0	0	0	0.00	52	48	50	NA	NA	NA
2/ 3	61	30	46	-1	0	0	0.00	51	47	49	NA	NA	NA
2/ 4	59	30	45	-2	0	0	0.00	50	47	49	NA	NA	NA
2/ 5	61	31	46	-1	0	0	0.00	50	47	49	NA	NA	NA
2/ 6	65	31	48	1	0	0	0.07	51	47	49	NA	NA	NA
2/ 7	49	39	44	-4	0	0	0.63	51	51	51	NA	NA	NA
2/ 8	50	37	44	-4	0	0	0.47	51	49	50	NA	NA	NA
2/ 9	66	34	50	2	0	0	0.00	52	49	51	NA	NA	NA
2/10	72	35	54	6	0	4	0.00	53	49	51	NA	NA	NA
2/11	62	49	56	8	0	10	0.88	54	51	53	NA	NA	NA
2/12	63	44	54	6	0	14	0.19	56	53	55	NA	NA	NA
2/13	57	41	49	0	0	14	0.00	55	53	54	NA	NA	NA
2/14	58	43	51	2	0	15	0.00	55	52	54	NA	NA	NA
2/15	61	38	50	1	0	15	0.00	55	49	52	NA	NA	NA
2/16	63	42	53	4	0	18	0.95	54	51	53	NA	NA	NA
2/17	64	30	47	-3	0	18	0.01	57	50	54	NA	NA	NA
2/18	48	28	38	-12	0	18	0.00	52	48	50	NA	NA	NA
2/19	42	22	32	-18	0	18	0.00	49	45	47	NA	NA	NA
2/20	47	24	36	-14	0	18	0.00	48	45	47	NA	NA	NA
2/21	66	44	55	4	0	23	0.11	54	48	51	NA	NA	NA
2/22	72	42	57	6	0	30	0.18	58	54	56	NA	NA	NA
2/23	62	33	48	-3	0	30	0.00	57	51	54	NA	NA	NA
2/24	59	32	46	-5	0	30	0.00	54	49	52	NA	NA	NA
2/25	56	33	45	-7	0	30	0.00	53	49	51	NA	NA	NA
2/26	60	40	50	-2	0	30	0.54	53	50	52	NA	NA	NA
2/27	54	31	43	-9	0	30	0.00	53	50	52	NA	NA	NA
2/28	51	31	41	-11	0	30	0.00	52	49	51	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 59.0 Mean Minimum= 34.7 Average= 46.8
 DFN= -2.1 DFN= -2.1 DFN= -2.1
 Highest= 72 Lowest= 22

PRECIPITATION STATISTICS (inches):

Total= 4.03 DFN= -0.93 Greatest Daily= 0.95 Rain Days= 10
 Daily precipitation amount Of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 58 Lowest= 45 Average= 51

Daily Weather Observations: Lower Coastal Plain Substation, Camden

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
3/ 1	56	34	45	-8	0	0	0.00	52	49	51	NA	NA	NA
3/ 2	65	37	51	-2	0	1	0.00	53	49	51	NA	NA	NA
3/ 3	56	45	51	-2	0	2	1.23	53	52	53	NA	NA	NA
3/ 4	61	38	50	-3	0	2	0.08	56	52	54	NA	NA	NA
3/ 5	59	41	50	-4	0	2	0.00	54	51	53	NA	NA	NA
3/ 6	59	32	46	-8	0	2	0.00	55	50	53	NA	NA	NA
3/ 7	61	32	47	-7	0	2	0.00	55	50	53	NA	NA	NA
3/ 8	68	36	52	-2	0	4	0.00	54	49	52	NA	NA	NA
3/ 9	75	44	60	5	0	14	0.00	56	50	53	NA	NA	NA
3/10	81	48	65	10	5	29	0.00	58	52	55	NA	NA	NA
3/11	72	45	59	4	5	38	Trace	58	54	56	NA	NA	NA
3/12	58	38	48	-8	5	38	0.00	55	53	54	NA	NA	NA
3/13	54	27	41	-15	5	38	0.99	54	46	50	NA	NA	NA
3/14	33	15	24	-32	5	38	0.09	46	44	45	NA	NA	NA
3/15	41	17	29	-27	5	38	0.00	44	43	44	NA	NA	NA
3/16	56	28	42	-15	5	38	0.00	48	43	46	NA	NA	NA
3/17	56	41	49	-8	5	38	1.60	50	46	48	NA	NA	NA
3/18	62	36	49	-8	5	38	0.07	56	50	53	NA	NA	NA
3/19	65	37	51	-6	5	39	0.00	56	50	53	NA	NA	NA
3/20	64	42	53	-5	5	42	0.00	55	51	53	NA	NA	NA
3/21	60	45	53	-5	5	45	0.01	55	52	54	NA	NA	NA
3/22	75	48	62	4	7	57	0.00	59	53	56	NA	NA	NA
3/23	75	58	67	8	14	74	0.14	61	56	59	NA	NA	NA
3/24	76	48	62	3	16	86	0.00	63	59	61	NA	NA	NA
3/25	73	48	61	2	17	97	0.00	64	58	61	NA	NA	NA
3/26	67	48	58	-2	17	105	0.49	61	57	59	NA	NA	NA
3/27	66	43	55	-5	17	110	Trace	63	56	60	NA	NA	NA
3/28	65	46	56	-4	17	116	0.00	63	56	60	NA	NA	NA
3/29	79	48	64	4	21	130	0.00	64	56	60	NA	NA	NA
3/30	84	50	67	6	28	147	0.00	66	57	62	NA	NA	NA
3/31	78	55	67	6	35	164	2.83	63	59	61	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 64.5 Mean Minimum= 40.3 Average= 52.4
 DFN= -4.4 DFN= -3.4 DFN= -3.9
 Highest= 84 Lowest= 15

PRECIPITATION STATISTICS (inches):

Total= 7.53 DFN= +0.28 Greatest Daily= 2.83 Rain Days= 10
 Daily precipitation amount Of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 66 Lowest= 43 Average= 54

Daily Weather Observation: Lower Coastal Plain Substation, Camden

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
4/ 1	83	48	66	5	6	16	0.00	69	61	65	NA	NA	NA
4/ 2	69	44	57	-5	6	23	0.00	63	58	61	NA	NA	NA
4/ 3	59	34	47	-15	6	23	0.00	62	56	59	NA	NA	NA
4/ 4	65	36	51	-11	6	24	0.07	62	56	59	NA	NA	NA
4/ 5	52	45	49	-14	6	24	0.91	58	57	58	NA	NA	NA
4/ 6	56	46	51	-12	6	25	0.00	58	57	58	NA	NA	NA
4/ 7	67	46	57	-6	6	32	0.00	62	56	59	NA	NA	NA
4/ 8	78	47	63	0	9	45	0.00	67	57	62	NA	NA	NA
4/ 9	68	54	61	-3	10	56	0.81	62	60	61	NA	NA	NA
4/10	69	41	55	-9	10	61	0.00	66	59	63	NA	NA	NA
4/11	78	42	60	-4	10	71	0.00	68	59	64	NA	NA	NA
4/12	83	47	65	0	15	86	0.00	69	60	65	NA	NA	NA
4/13	83	53	68	3	23	104	0.00	71	62	67	NA	NA	NA
4/14	83	58	71	6	34	125	0.00	72	65	69	NA	NA	NA
4/15	83	60	72	7	46	147	0.60	72	66	69	NA	NA	NA
4/16	79	45	62	-4	48	159	0.00	72	62	67	NA	NA	NA
4/17	70	39	55	-11	48	164	0.00	69	61	65	NA	NA	NA
4/18	74	42	58	-8	48	172	0.00	70	61	66	NA	NA	NA
4/19	76	50	63	-4	51	185	0.00	70	62	66	NA	NA	NA
4/20	82	52	67	0	58	202	0.00	72	63	68	NA	NA	NA
4/21	81	44	63	-4	61	215	0.53	71	64	68	NA	NA	NA
4/22	61	38	50	-17	61	215	0.00	68	61	65	NA	NA	NA
4/23	65	36	51	-17	61	216	0.00	68	60	64	NA	NA	NA
4/24	77	37	57	-11	61	223	0.00	70	60	65	NA	NA	NA
4/25	80	51	66	-2	67	239	0.00	70	63	67	NA	NA	NA
4/26	82	57	70	2	77	259	0.49	72	66	69	NA	NA	NA
4/27	75	48	62	-6	79	271	0.00	75	66	71	NA	NA	NA
4/28	78	50	64	-4	83	285	0.00	75	66	71	NA	NA	NA
4/29	80	49	65	-4	88	300	0.00	75	66	71	NA	NA	NA
4/30	81	52	67	-2	95	317	Trace	75	66	71	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 73.9 Mean Minimum= 46.4 Average= 60.1
 DFN= -3.8 DFN= -6.1 DFN= -5.0
 Highest= 83 Lowest= 34

PRECIPITATION STATISTICS (inches):

Total= 3.41 DFN= -1.79 Greatest Daily= 0.91 Rain Days= 6
 Daily precipitatiOn amOunt Of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 75 Lowest= 56 Average= 65

Daily Weather Observations: Lower Coastal Plain Substation, Camden

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
5/ 1	65	56	61	-8	1	11	0.04	69	67	68	NA	NA	NA
5/ 2	71	56	64	-5	5	25	0.03	69	67	68	NA	NA	NA
5/ 3	75	59	67	-2	12	42	0.52	70	67	69	NA	NA	NA
5/ 4	78	52	65	-4	17	57	0.02	72	67	70	NA	NA	NA
5/ 5	78	54	66	-4	23	73	0.00	74	57	66	NA	NA	NA
5/ 6	86	58	72	2	35	95	0.00	78	68	73	NA	NA	NA
5/ 7	89	59	74	4	49	119	0.00	79	70	75	NA	NA	NA
5/ 8	90	51	71	1	60	140	0.00	81	72	77	NA	NA	NA
5/ 9	90	59	75	5	75	165	0.00	82	72	77	NA	NA	NA
5/10	89	64	77	6	92	192	0.00	82	74	78	NA	NA	NA
5/11	85	64	75	4	107	217	0.00	82	74	78	NA	NA	NA
5/12	80	62	71	0	118	238	0.47	77	73	75	NA	NA	NA
5/13	79	56	68	-3	126	256	0.21	79	72	76	NA	NA	NA
5/14	74	56	65	-7	131	271	Trace	75	70	73	NA	NA	NA
5/15	76	52	64	-8	135	285	0.00	76	70	73	NA	NA	NA
5/16	81	54	68	-4	143	303	0.00	78	69	74	NA	NA	NA
5/17	86	57	72	0	155	325	0.00	79	70	75	NA	NA	NA
5/18	87	63	75	3	170	350	0.00	79	72	76	NA	NA	NA
5/19	86	65	76	3	186	376	0.01	79	73	76	NA	NA	NA
5/20	78	55	67	-6	193	393	0.00	77	72	75	NA	NA	NA
5/21	78	51	65	-8	198	408	0.00	78	71	75	NA	NA	NA
5/22	73	43	58	-15	198	416	0.00	77	70	74	NA	NA	NA
5/23	78	44	61	-13	199	427	0.00	80	70	75	NA	NA	NA
5/24	85	51	68	-6	207	445	0.00	81	70	76	NA	NA	NA
5/25	86	59	73	-1	220	468	0.04	79	72	76	NA	NA	NA
5/26	75	65	70	-4	230	488	0.12	75	73	74	NA	NA	NA
5/27	81	62	72	-3	242	510	Trace	78	73	76	NA	NA	NA
5/28	85	64	75	0	257	535	0.07	79	73	76	NA	NA	NA
5/29	84	58	71	-4	268	556	0.03	80	74	77	NA	NA	NA
5/30	89	63	76	1	284	582	0.00	85	75	80	NA	NA	NA
5/31	90	65	78	2	302	610	0.01	83	74	79	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 81.5 Mean Minimum= 57.3 Average= 69.4
 DFN= -2.2 DFN= -2.7 DFN= -2.4
 Highest= 90 Lowest= 43

PRECIPITATION STATISTICS (inches):

Total= 1.57 DFN= -2.91 Greatest Daily= 0.52 Rain Days= 12
 Daily precipitation amount Of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 85 Lowest= 57 Average= 74

Daily Weather Observations: Lower Coastal Plain Substation, Camden

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
6/ 1	87	62	75	-1	15	25	0.18	80	75	78	NA	NA	NA
6/ 2	82	52	67	-9	22	42	0.00	82	73	78	NA	NA	NA
6/ 3	86	56	71	-5	33	63	0.00	83	73	78	NA	NA	NA
6/ 4	90	66	78	1	51	91	0.00	82	75	79	NA	NA	NA
6/ 5	92	71	82	5	73	123	0.00	83	76	80	NA	NA	NA
6/ 6	91	66	79	2	92	152	0.00	84	77	81	NA	NA	NA
6/ 7	94	68	81	4	113	183	0.00	84	77	81	NA	NA	NA
6/ 8	95	70	83	6	136	216	0.00	87	78	83	NA	NA	NA
6/ 9	97	69	83	5	159	249	0.00	88	78	83	NA	NA	NA
6/10	95	69	82	4	181	281	0.00	89	79	84	NA	NA	NA
6/11	95	68	82	4	203	313	0.00	89	79	84	NA	NA	NA
6/12	96	68	82	4	225	345	0.00	87	80	84	NA	NA	NA
6/13	96	67	82	4	247	377	0.00	87	80	84	NA	NA	NA
6/14	97	68	83	4	270	410	Trace	88	80	84	NA	NA	NA
6/15	94	67	81	2	291	441	0.14	87	80	84	NA	NA	NA
6/16	93	68	81	2	312	472	0.00	88	80	84	NA	NA	NA
6/17	95	69	82	3	334	504	0.00	89	80	85	NA	NA	NA
6/18	96	66	81	2	355	535	0.00	91	80	86	NA	NA	NA
6/19	95	67	81	2	376	566	0.00	92	80	86	NA	NA	NA
6/20	93	67	80	1	396	596	0.00	91	79	85	NA	NA	NA
6/21	95	70	83	3	419	629	0.01	89	81	85	NA	NA	NA
6/22	86	67	77	-3	436	656	Trace	85	80	83	NA	NA	NA
6/23	80	61	71	-9	447	677	0.00	81	77	79	NA	NA	NA
6/24	90	64	77	-3	464	704	Trace	84	77	81	NA	NA	NA
6/25	86	69	78	-2	482	732	Trace	82	79	81	NA	NA	NA
6/26	90	69	80	0	502	762	1.18	83	78	81	NA	NA	NA
6/27	90	69	80	0	522	792	0.00	86	78	82	NA	NA	NA
6/28	87	69	78	-2	540	820	0.77	84	79	82	NA	NA	NA
6/29	89	70	80	0	560	850	1.83	86	79	83	NA	NA	NA
6/30	89	70	80	0	580	880	0.13	84	80	82	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 91.4 Mean Minimum= 66.7 Average= 79.1
 DFN= +1.7 DFN= +0.1 DFN= +0.9
 Highest= 97 Lowest= 52

PRECIPITATION STATISTICS (inches):

Total= 4.24 DFN= +0.12 Greatest Daily= 1.83 Rain Days= 7
 Daily precipitation amount Of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 92 Lowest= 73 Average= 82

Daily Weather Observations: Lower Coastal Plain Substation, Camden

DATE	AIR TEMPERATURE			GDD			PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
7/ 1	92	69	81	1	21	31	0.27	85	79	82	NA	NA	NA
7/ 2	93	70	82	2	43	63	0.00	87	79	83	NA	NA	NA
7/ 3	94	71	83	3	66	96	0.00	88	80	84	NA	NA	NA
7/ 4	96	71	84	4	90	130	0.00	89	82	86	NA	NA	NA
7/ 5	95	70	83	3	113	163	0.12	88	82	85	NA	NA	NA
7/ 6	93	70	82	2	135	195	0.00	88	82	85	NA	NA	NA
7/ 7	95	71	83	3	158	228	0.00	89	82	86	NA	NA	NA
7/ 8	96	69	83	3	181	261	0.00	90	82	86	NA	NA	NA
7/ 9	83	66	75	-5	196	286	1.75	83	80	82	NA	NA	NA
7/10	92	67	80	0	216	316	0.00	88	80	84	NA	NA	NA
7/11	93	66	80	0	236	346	0.32	91	81	86	NA	NA	NA
7/12	91	67	79	-1	255	375	0.00	88	81	85	NA	NA	NA
7/13	86	69	78	-3	273	403	0.07	85	81	83	NA	NA	NA
7/14	89	70	80	-1	293	433	0.00	86	81	84	NA	NA	NA
7/15	91	68	80	-1	313	463	1.04	87	80	84	NA	NA	NA
7/16	92	69	81	0	334	494	0.00	88	80	84	NA	NA	NA
7/17	93	72	83	2	357	527	0.00	88	82	85	NA	NA	NA
7/18	95	73	84	3	381	561	0.00	89	83	86	NA	NA	NA
7/19	95	72	84	3	405	595	0.00	89	83	86	NA	NA	NA
7/20	95	71	83	2	428	628	1.49	88	82	85	NA	NA	NA
7/21	96	70	83	2	451	661	0.17	88	82	85	NA	NA	NA
7/22	96	71	84	3	475	695	0.00	89	81	85	NA	NA	NA
7/23	95	72	84	3	499	729	0.00	89	83	86	NA	NA	NA
7/24	97	70	84	3	523	763	0.87	89	82	86	NA	NA	NA
7/25	94	70	82	1	545	795	0.00	90	82	86	NA	NA	NA
7/26	94	73	84	3	569	829	0.00	89	84	87	NA	NA	NA
7/27	95	74	85	4	594	864	0.00	91	84	88	NA	NA	NA
7/28	97	72	85	4	619	899	0.08	91	85	88	NA	NA	NA
7/29	95	71	83	2	642	932	0.00	90	84	87	NA	NA	NA
7/30	97	69	83	2	665	965	0.00	90	84	87	NA	NA	NA
7/31	95	65	80	-1	685	995	0.00	90	83	87	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 93.5 Mean Minimum= 69.9 Average= 81.7
 DFN= +1.9 DFN= +0.4 DFN= +1.2
 Highest= 97 Lowest= 65

PRECIPITATION STATISTICS (inches):

Total= 6.18 DFN= +0.35 Greatest Daily= 1.75 Rain Days= 10
 Daily precipitation amount Of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 91 Lowest= 79 Average= 85

Daily Weather Observations: Lower Coastal Plain Substation, Camden

DATE	AIR TEMPERATURE			DFN	GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG		B60	B50		MAX	MIN	MEAN			
8/ 1	94	67	81	0	21	31	0.00	90	83	87	NA	NA	NA
8/ 2	95	69	82	1	43	63	0.65	89	82	86	NA	NA	NA
8/ 3	89	69	79	-2	62	92	0.24	87	82	85	NA	NA	NA
8/ 4	90	69	80	-1	82	122	0.02	86	81	84	NA	NA	NA
8/ 5	89	68	79	-2	101	151	0.71	87	81	84	NA	NA	NA
8/ 6	88	70	79	-2	120	180	0.16	86	81	84	NA	NA	NA
8/ 7	88	67	78	-3	138	208	0.25	84	81	83	NA	NA	NA
8/ 8	81	68	75	-6	153	233	3.22	84	80	82	NA	NA	NA
8/ 9	87	69	78	-3	171	261	0.00	84	80	82	NA	NA	NA
8/10	91	69	80	-1	191	291	0.00	87	80	84	NA	NA	NA
8/11	91	68	80	0	211	321	0.00	87	81	84	NA	NA	NA
8/12	93	69	81	1	232	352	0.00	87	81	84	NA	NA	NA
8/13	93	71	82	2	254	384	0.00	87	82	85	NA	NA	NA
8/14	92	71	82	2	276	416	0.79	86	82	84	NA	NA	NA
8/15	92	70	81	1	297	447	0.00	87	82	85	NA	NA	NA
8/16	93	70	82	2	319	479	0.00	87	82	85	NA	NA	NA
8/17	95	70	83	3	342	512	0.00	88	82	85	NA	NA	NA
8/18	97	73	85	5	367	547	0.00	89	83	86	NA	NA	NA
8/19	96	72	84	4	391	581	0.00	88	83	86	NA	NA	NA
8/20	96	73	85	5	416	616	0.02	88	84	86	NA	NA	NA
8/21	96	71	84	4	440	650	0.00	89	84	87	NA	NA	NA
8/22	95	71	83	3	463	683	0.00	88	81	85	NA	NA	NA
8/23	92	73	83	3	486	716	0.00	87	83	85	NA	NA	NA
8/24	95	72	84	4	510	750	0.00	88	83	86	NA	NA	NA
8/25	93	73	83	4	533	783	0.00	88	83	86	NA	NA	NA
8/26	93	71	82	3	555	815	0.00	88	83	86	NA	NA	NA
8/27	95	71	83	4	578	848	0.00	88	82	85	NA	NA	NA
8/28	95	69	82	3	600	880	0.00	88	82	85	NA	NA	NA
8/29	95	70	83	4	623	913	0.00	87	82	85	NA	NA	NA
8/30	94	71	83	4	646	946	0.00	88	82	85	NA	NA	NA
8/31	91	72	82	3	668	978	0.00	86	82	84	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 92.4 Mean Minimum= 70.2 Average= 81.3
 DFN= +1.3 DFN= +1.4 DFN= +1.3
 Highest= 97 Lowest= 67

PRECIPITATION STATISTICS (inches):

Total= 6.06 DFN= +1.70 Greatest Daily= 3.22 Rain Days= 9
 Daily precipitation amount Of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 90 Lowest= 80 Average= 85

Daily Weather Observations: Lower Coastal Plain Substation, Camden

DATE	AIR TEMPERATURE				GDD			PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	MAX		MIN	MEAN				
9/ 1	95	73	84	5	24	34	0.00	87	82	85	NA	NA	NA	
9/ 2	95	73	84	5	48	68	0.00	87	82	85	NA	NA	NA	
9/ 3	92	74	83	5	71	101	0.20	86	82	84	NA	NA	NA	
9/ 4	88	72	80	2	91	131	0.77	83	81	82	NA	NA	NA	
9/ 5	86	69	78	0	109	159	0.00	84	80	82	NA	NA	NA	
9/ 6	89	68	79	1	128	188	0.00	85	80	83	NA	NA	NA	
9/ 7	90	69	80	2	148	218	0.42	84	80	82	NA	NA	NA	
9/ 8	84	67	76	-2	164	244	Trace	84	79	82	NA	NA	NA	
9/ 9	86	67	77	-1	181	271	0.00	86	78	82	NA	NA	NA	
9/10	90	67	79	2	200	300	0.03	86	77	82	NA	NA	NA	
9/11	88	64	76	-1	216	326	0.00	87	77	82	NA	NA	NA	
9/12	86	63	75	-2	231	351	0.00	89	76	83	NA	NA	NA	
9/13	90	66	78	1	249	379	0.00	85	76	81	NA	NA	NA	
9/14	91	71	81	5	270	410	0.03	86	78	82	NA	NA	NA	
9/15	92	69	81	5	291	441	0.65	92	78	85	NA	NA	NA	
9/16	89	65	77	1	308	468	0.24	85	77	81	NA	NA	NA	
9/17	86	65	76	0	324	494	0.00	85	77	81	NA	NA	NA	
9/18	80	66	73	-3	337	517	0.00	81	77	79	NA	NA	NA	
9/19	89	65	77	2	354	544	0.00	84	76	80	NA	NA	NA	
9/20	91	64	78	3	372	572	0.00	84	76	80	NA	NA	NA	
9/21	95	69	82	7	394	604	Trace	86	77	82	NA	NA	NA	
9/22	92	61	77	2	411	631	0.00	85	76	81	NA	NA	NA	
9/23	91	57	74	0	425	655	0.00	84	74	79	NA	NA	NA	
9/24	92	58	75	1	440	680	0.00	82	74	78	NA	NA	NA	
9/25	94	67	81	8	461	711	0.00	83	76	80	NA	NA	NA	
9/26	92	68	80	7	481	741	0.00	89	77	83	NA	NA	NA	
9/27	90	63	77	5	498	768	0.42	83	76	80	NA	NA	NA	
9/28	76	47	62	-10	500	780	0.00	79	70	75	NA	NA	NA	
9/29	80	49	65	-7	505	795	0.00	76	70	73	NA	NA	NA	
9/30	85	50	68	-3	513	813	0.00	77	69	73	NA	NA	NA	

AIR TEMPERATURES (in degrees F):

Mean Maximum= 88.8 Mean Minimum= 64.9 Average= 76.8
 DFN= +1.9 DFN= +0.6 DFN= +1.2
 Highest= 95 Lowest= 47

PRECIPITATION STATISTICS (inches):

TOTAL= 2.76 DFN= -1.37 Greatest Daily= 0.77 Rain Days= 8
 Daily precipitation amount Of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 92 Lowest= 69 Average= 81

Daily Weather Observations: Lower Coastal Plain Substation, Camden

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
10/ 1	78	48	63	-8	3	13	0.00	75	68	72	NA	NA	NA
10/ 2	83	48	66	-5	9	29	0.00	76	68	72	NA	NA	NA
10/ 3	85	51	68	-2	17	47	0.00	75	67	71	NA	NA	NA
10/ 4	85	53	69	-1	26	66	0.00	76	68	72	NA	NA	NA
10/ 5	84	54	69	0	35	85	0.00	76	69	73	NA	NA	NA
10/ 6	86	54	70	1	45	105	0.00	76	69	73	NA	NA	NA
10/ 7	88	54	71	3	56	126	0.00	75	68	72	NA	NA	NA
10/ 8	85	56	71	3	67	147	0.00	77	70	74	NA	NA	NA
10/ 9	85	56	71	3	78	168	0.00	76	70	73	NA	NA	NA
10/10	88	55	72	5	90	190	0.00	76	70	73	NA	NA	NA
10/11	65	38	52	-15	90	192	0.00	72	66	69	NA	NA	NA
10/12	69	38	54	-12	90	196	0.00	70	64	67	NA	NA	NA
10/13	74	40	57	-9	90	203	0.00	70	64	67	NA	NA	NA
10/14	77	46	62	-3	92	215	0.16	70	64	67	NA	NA	NA
10/15	77	57	67	2	99	232	0.00	71	67	69	NA	NA	NA
10/16	77	61	69	4	108	251	0.01	72	68	70	NA	NA	NA
10/17	80	65	73	9	121	274	0.00	75	71	73	NA	NA	NA
10/18	86	65	76	12	137	300	0.00	75	71	73	NA	NA	NA
10/19	86	66	76	12	153	326	0.00	76	72	74	NA	NA	NA
10/20	87	66	77	14	170	353	0.00	77	72	75	NA	NA	NA
10/21	87	67	77	14	187	380	Trace	77	72	75	NA	NA	NA
10/22	77	50	64	1	191	394	0.03	75	69	72	NA	NA	NA
10/23	60	50	55	-7	191	399	0.02	69	67	68	NA	NA	NA
10/24	68	51	60	-2	191	409	0.00	71	67	69	NA	NA	NA
10/25	76	55	66	4	197	425	0.00	72	68	70	NA	NA	NA
10/26	75	56	66	5	203	441	0.00	71	68	70	NA	NA	NA
10/27	80	52	66	5	209	457	0.00	72	67	70	NA	NA	NA
10/28	78	41	60	0	209	467	0.00	72	64	68	NA	NA	NA
10/29	70	40	55	-5	209	472	0.00	69	64	67	NA	NA	NA
10/30	63	47	55	-5	209	477	3.25	66	64	65	NA	NA	NA
10/31	50	29	40	-19	209	477	0.00	65	54	60	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 77.7 Mean Minimum= 51.9 Average= 64.8
 DFN= +0.0 DFN= +0.1 DFN= +0.0
 Highest= 88 Lowest= 29

PRECIPITATION STATISTICS (inches):

Total= 3.47 DFN= +0.44 Greatest Daily= 3.25 Rain Days= 5
 Daily precipitatiOn amOunt Of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 77 Lowest= 54 Average= 70

Daily Weather Observations: Lower Coastal Plain Substation, Camden

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			VEG WET	SOLAR ENERGY	
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			EVAP
11/ 1	43	25	34	-25	0	0	0.00	55	52	54	NA	NA	NA
11/ 2	53	26	40	-19	0	0	0.00	55	52	54	NA	NA	NA
11/ 3	59	31	45	-13	0	0	0.00	57	52	55	NA	NA	NA
11/ 4	69	40	55	-3	0	5	Trace	61	54	58	NA	NA	NA
11/ 5	72	54	63	5	3	18	2.12	64	59	62	NA	NA	NA
11/ 6	75	40	58	1	3	26	1.47	68	59	64	NA	NA	NA
11/ 7	54	29	42	-15	3	26	0.00	62	55	59	NA	NA	NA
11/ 8	52	30	41	-16	3	26	0.00	57	54	56	NA	NA	NA
11/ 9	64	37	51	-6	3	27	Trace	59	54	57	NA	NA	NA
11/10	55	39	47	-9	3	27	0.00	58	56	57	NA	NA	NA
11/11	67	34	51	-5	3	28	0.00	59	55	57	NA	NA	NA
11/12	70	37	54	-2	3	32	0.00	59	54	57	NA	NA	NA
11/13	74	41	58	2	3	40	0.00	62	55	59	NA	NA	NA
11/14	80	62	71	16	14	61	Trace	66	61	64	NA	NA	NA
11/15	83	63	73	18	27	84	2.72	68	64	66	NA	NA	NA
11/16	70	61	66	11	33	100	1.36	67	66	67	NA	NA	NA
11/17	79	61	70	16	43	120	1.82	69	66	68	NA	NA	NA
11/18	68	43	56	2	43	126	0.38	67	61	64	NA	NA	NA
11/19	59	40	50	-4	43	126	0.00	63	59	61	NA	NA	NA
11/20	60	43	52	-2	43	128	0.00	61	59	60	NA	NA	NA
11/21	57	31	44	-9	43	128	0.00	60	54	57	NA	NA	NA
11/22	61	31	46	-7	43	128	0.00	57	53	55	NA	NA	NA
11/23	67	34	51	-2	43	129	0.00	57	52	55	NA	NA	NA
11/24	70	39	55	2	43	134	0.00	58	53	56	NA	NA	NA
11/25	71	39	55	3	43	139	0.00	59	54	57	NA	NA	NA
11/26	70	41	56	4	43	145	0.00	58	53	56	NA	NA	NA
11/27	63	39	51	-1	43	146	0.01	59	55	57	NA	NA	NA
11/28	50	28	39	-12	43	146	0.00	55	51	53	NA	NA	NA
11/29	61	29	45	-6	43	146	0.00	53	50	52	NA	NA	NA
11/30	71	31	51	0	43	147	0.00	54	50	52	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 64.9 Mean Minimum= 39.3 Average= 52.1
 DFN= -2.2 DFN= -2.8 DFN= -2.5
 Highest= 83 Lowest= 25

PRECIPITATION STATISTICS (inches):

Total= 9.88 DFN= +6.15 Greatest Daily= 2.72 Rain Days= 7
 Daily precipitation amount Of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 69 Lowest= 50 Average= 58

Daily Weather Observations: Lower Coastal Plain Substation, Camden

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
12/ 1	70	39	55	4	0	5	0.00	55	51	53	NA	NA	NA
12/ 2	66	39	53	2	0	8	0.00	56	51	54	NA	NA	NA
12/ 3	67	41	54	4	0	12	0.00	57	51	54	NA	NA	NA
12/ 4	70	43	57	7	0	19	0.00	59	49	54	NA	NA	NA
12/ 5	73	49	61	11	1	30	0.45	62	57	60	NA	NA	NA
12/ 6	63	39	51	1	1	31	0.00	59	55	57	NA	NA	NA
12/ 7	61	33	47	-2	1	31	0.00	57	52	55	NA	NA	NA
12/ 8	59	33	46	-3	1	31	0.00	55	52	54	NA	NA	NA
12/ 9	67	36	52	3	1	33	0.00	55	51	53	NA	NA	NA
12/10	72	42	57	8	1	40	0.35	58	52	55	NA	NA	NA
12/11	64	40	52	3	1	42	0.82	59	54	57	NA	NA	NA
12/12	54	28	41	-8	1	42	0.00	55	50	53	NA	NA	NA
12/13	53	28	41	-8	1	42	0.00	51	49	50	NA	NA	NA
12/14	60	44	52	4	1	44	0.96	54	51	53	NA	NA	NA
12/15	53	38	46	-2	1	44	0.01	54	50	52	NA	NA	NA
12/16	52	40	46	-2	1	44	0.00	52	50	51	NA	NA	NA
12/17	48	40	44	-4	1	44	0.00	52	51	52	NA	NA	NA
12/18	47	34	41	-7	1	44	0.00	53	51	52	NA	NA	NA
12/19	57	34	46	-2	1	44	0.00	53	50	52	NA	NA	NA
12/20	56	35	46	-2	1	44	0.09	53	50	52	NA	NA	NA
12/21	49	32	41	-6	1	44	0.24	53	50	52	NA	NA	NA
12/22	48	32	40	-7	1	44	Trace	51	49	50	NA	NA	NA
12/23	40	30	35	-12	1	44	0.38	50	47	49	NA	NA	NA
12/24	44	30	37	-10	1	44	0.00	48	46	47	NA	NA	NA
12/25	38	27	33	-14	1	44	0.00	47	44	46	NA	NA	NA
12/26	44	22	33	-14	1	44	0.00	46	43	45	NA	NA	NA
12/27	58	23	41	-6	1	44	0.00	47	43	45	NA	NA	NA
12/28	67	39	53	6	1	47	0.00	50	45	48	NA	NA	NA
12/29	74	42	58	11	1	55	0.03	54	49	52	NA	NA	NA
12/30	44	28	36	-11	1	55	0.00	53	47	50	NA	NA	NA
12/31	44	20	32	-14	1	55	0.00	47	43	45	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 56.8 Mean Minimum= 34.8 Average= 45.8
 DFN= -3.0 DFN= -1.5 DFN= -2.2
 Highest= 74 Lowest= 20

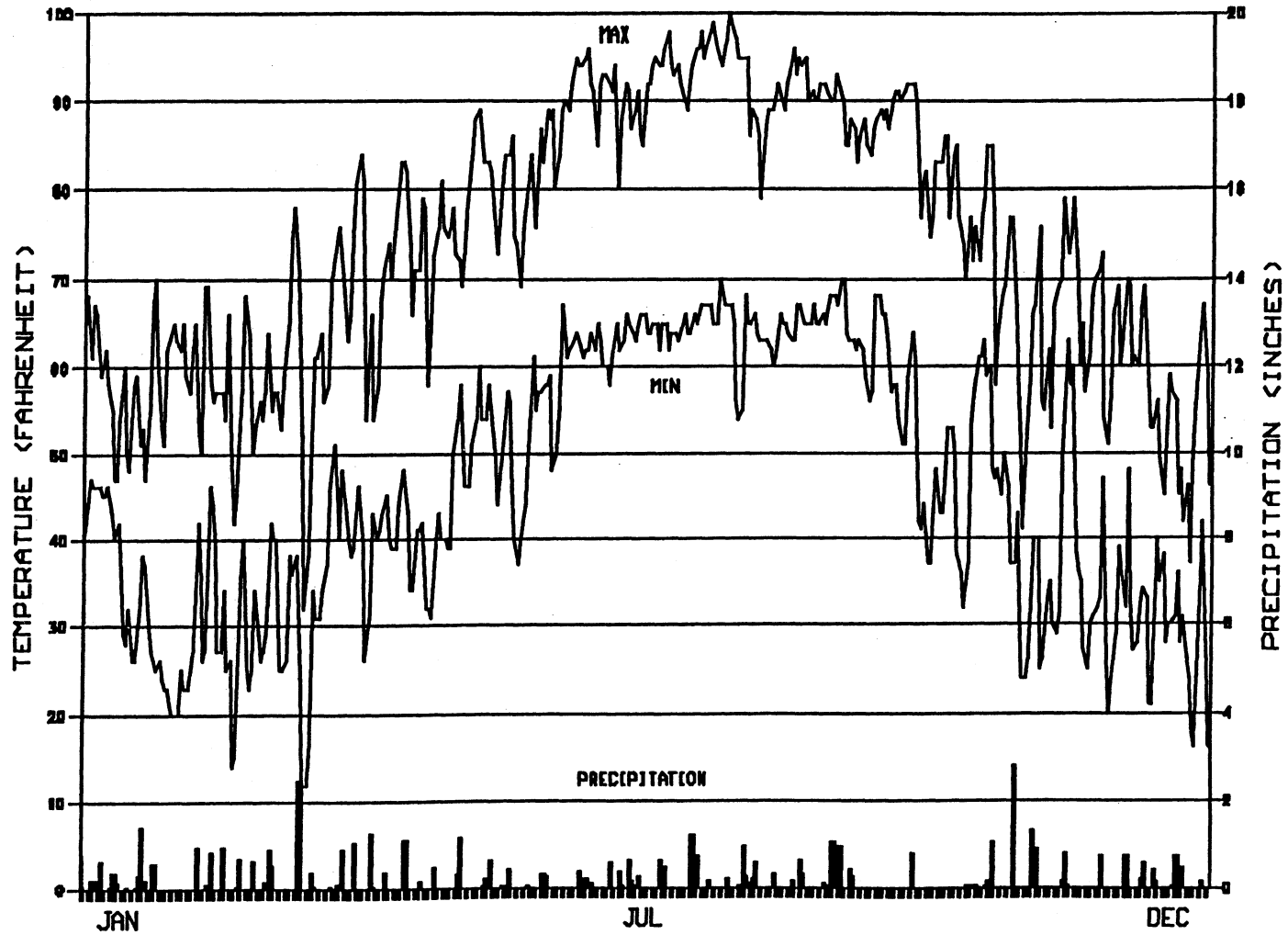
PRECIPITATION STATISTICS (inches):

Total= 3.33 DFN= -2.39 Greatest Daily= 0.96 Rain Days= 9
 Daily precipitation amount Of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 62 Lowest= 43 Average= 51

Piedmont Substation, Camp Hill
Daily Precipitation, Maximum and Minimum Temperature
January 1 - December 31 1993



Monthly precipitation summary: Piedmont Substation, Camp Hill

For the period: Sunday January 1, 1984
to: Thursday December 31, 1992

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	-5.36	-5.85	-7.10	-5.45	-4.28	-3.78	-5.43	-3.74	-4.17	-2.70	-3.66	-5.33	-56.85
1985	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	-5.36	-5.63	-7.10	-5.45	-4.28	-3.78	-5.43	-3.74	-4.17	-2.70	-3.66	-5.33	-56.63
1986	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	-5.36	-5.63	-7.10	-5.45	-4.28	-3.78	-5.43	-3.74	-4.17	-2.70	-3.66	-5.33	-56.63
1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	-5.36	-5.63	-7.10	-5.45	-4.28	-3.78	-5.43	-3.74	-4.17	-2.70	-3.66	-5.33	-56.63
1988	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	-5.36	-5.85	-7.10	-5.45	-4.28	-3.78	-5.43	-3.74	-4.17	-2.70	-3.66	-5.33	-56.85
1989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	-5.36	-5.63	-7.10	-5.45	-4.28	-3.78	-5.43	-3.74	-4.17	-2.70	-3.66	-5.33	-56.63
1990	8.67	7.31	10.77	4.91	3.21	1.54	1.55	1.16	0.66	4.35	2.18	3.93	50.24
	3.31	1.68	3.67	-0.54	-1.07	-2.24	-3.88	-2.58	-3.51	1.65	-1.48	-1.40	-6.39
1991	7.40	2.55	6.27	4.08	10.15	4.98	10.55	4.01	3.33	0.45	6.04	4.09	63.90
	2.04	-3.08	-0.83	-1.37	5.87	1.20	5.12	0.27	-0.84	-2.25	2.38	-1.24	7.27
1992	6.83	5.88	4.34	4.17	2.45	3.12	3.07	5.08	1.47	2.81	11.49	6.29	57.00
	1.47	0.03	-2.76	-1.28	-1.83	-0.66	-2.36	1.34	-2.70	0.11	7.83	0.96	0.15

SUMMARY FOR 1984 TO 1992													
	5.36	5.85	7.10	5.45	4.28	3.78	5.43	3.74	4.17	2.70	3.66	5.33	56.85
	-25.34	-35.59	-42.52	-35.89	-22.71	-24.38	-33.70	-23.41	-32.07	-16.69	-13.23	-33.66	*****

YEARLY TOTALS: LINE 1 OBSERVED MONTHLY RAIN TOTALS
LINE 2 DEPARTURE FROM NORMAL (DFN)
SUMMARY TOTALS: LINE 1 NORMAL MONTHLY RAIN TOTALS
LINE 2 CUMULATIVE MONTHLY DFN

NOTE: All Precip normals are based on the 1951-80 period.
Missing MONTHLY or YEARLY totals are NOT included
in the summary totals!

Daily Weather Observations: Piedmont Substation, Camp Hill

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
1/ 1	64	40	52	7	0	2	0.02	62	54	58	0.04	NA	NA
1/ 2	68	42	55	10	0	7	0.00	62	53	58	0.08	NA	NA
1/ 3	61	47	54	9	0	11	0.00	57	52	55	0.09	NA	NA
1/ 4	67	46	57	12	0	18	0.00	62	51	57	0.13	NA	NA
1/ 5	66	46	56	11	0	24	0.21	61	53	57	0.07	NA	NA
1/ 6	59	46	53	8	0	27	0.17	62	56	59	0.06	NA	NA
1/ 7	60	45	53	8	0	30	0.04	62	55	59	0.01	NA	NA
1/ 8	62	45	54	9	0	34	0.61	60	55	58	0.02	NA	NA
1/ 9	58	46	52	7	0	36	0.00	60	55	58	0.04	NA	NA
1/10	55	43	49	5	0	36	Trace	59	54	57	NA	NA	NA
1/11	47	40	44	0	0	36	0.04	56	51	54	0.01	NA	NA
1/12	47	41	44	0	0	36	0.31	53	49	51	0.06	NA	NA
1/13	54	42	48	4	0	36	0.10	56	50	53	0.01	NA	NA
1/14	60	29	45	1	0	36	Trace	61	47	54	0.09	NA	NA
1/15	50	28	39	-5	0	36	0.00	54	47	51	0.04	NA	NA
1/16	48	32	40	-4	0	36	0.04	51	46	49	NA	NA	NA
1/17	58	26	42	-2	0	36	0.00	57	45	51	0.06	NA	NA
1/18	59	26	43	-1	0	36	0.00	57	44	51	0.06	NA	NA
1/19	51	32	42	-2	0	36	0.03	53	47	50	0.01	NA	NA
1/20	53	38	46	1	0	36	0.28	55	49	52	0.01	NA	NA
1/21	47	37	42	-3	0	36	1.40	52	49	51	NA	NA	NA
1/22	55	30	43	-2	0	36	0.17	55	42	49	0.17	NA	NA
1/23	67	27	47	2	0	36	0.00	60	44	52	0.09	NA	NA
1/24	70	26	48	3	0	36	Trace	69	44	57	0.10	NA	NA
1/25	61	25	43	-2	0	36	0.54	NA	46	NA	0.02	NA	NA
1/26	53	26	40	-5	0	36	0.00	55	36	46	NA	NA	NA
1/27	51	24	38	-7	0	36	0.00	50	41	46	NA	NA	NA
1/28	62	23	43	-2	0	36	0.00	55	36	46	NA	NA	NA
1/29	63	23	43	-3	0	36	0.00	54	32	43	NA	NA	NA
1/30	65	20	43	-3	0	36	0.00	55	46	51	0.01	NA	NA
1/31	63	20	42	-4	0	36	0.00	58	40	49	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 58.2 Mean Minimum= 34.2 Average= 46.2
 DFN= +2.6 DFN= +0.6 DFN= +1.6
 Highest= 70 Lowest= 20

PRECIPITATION STATISTICS (inches):

Total= 3.96 DFN= -1.40 Greatest Daily= 1.40 Rain Days= 14
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 69 Lowest= 32 Average= 52

AVERAGE DAILY VALUES:

 Pan Evaporation= .06 (in)

Daily Weather Observations: Piedmont Substation, Camp Hill

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
2/ 1	62	20	41	-5	0	0	0.00	55	43	49	NA	NA	NA
2/ 2	65	25	45	-1	0	0	0.00	58	43	51	0.09	NA	NA
2/ 3	59	23	41	-5	0	0	0.00	57	42	50	NA	NA	NA
2/ 4	57	23	40	-6	0	0	0.00	56	42	49	NA	NA	NA
2/ 5	62	25	44	-2	0	0	0.00	56	43	50	NA	NA	NA
2/ 6	65	27	46	0	0	0	0.00	59	43	51	0.03	NA	NA
2/ 7	52	42	47	1	0	0	Trace	55	45	50	0.04	NA	NA
2/ 8	50	36	43	-4	0	0	0.92	53	47	50	NA	NA	NA
2/ 9	69	26	48	1	0	0	0.00	62	45	54	0.04	NA	NA
2/10	69	27	48	1	0	0	0.00	60	46	53	0.17	NA	NA
2/11	58	46	52	5	0	2	0.09	58	52	55	0.04	NA	NA
2/12	56	44	50	3	0	2	0.83	56	44	50	NA	NA	NA
2/13	57	40	49	2	0	2	Trace	56	51	54	0.08	NA	NA
2/14	57	27	42	-6	0	2	0.00	57	47	52	0.07	NA	NA
2/15	57	27	42	-6	0	2	0.00	58	44	51	0.01	NA	NA
2/16	54	34	44	-4	0	2	0.96	52	46	49	0.14	NA	NA
2/17	66	25	46	-2	0	2	Trace	61	45	53	0.03	NA	NA
2/18	48	26	37	-12	0	2	0.00	54	43	49	NA	NA	NA
2/19	42	14	28	-21	0	2	0.00	53	40	47	NA	NA	NA
2/20	45	15	30	-19	0	2	Trace	47	40	44	NA	NA	NA
2/21	57	36	47	-2	0	2	0.06	53	44	49	NA	NA	NA
2/22	68	40	54	4	0	6	0.69	59	50	55	NA	NA	NA
2/23	64	25	45	-5	0	6	0.00	62	45	54	0.27	NA	NA
2/24	57	23	40	-10	0	6	0.00	58	43	51	0.09	NA	NA
2/25	50	25	38	-12	0	6	0.00	55	44	50	0.12	NA	NA
2/26	53	34	44	-7	0	6	0.63	49	46	48	0.09	NA	NA
2/27	56	29	43	-8	0	6	Trace	55	45	50	0.03	NA	NA
2/28	54	26	40	-11	0	6	0.00	58	40	49	0.12	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 57.5 Mean Minimum= 28.9 Average= 43.2
 DFN= -2.4 DFN= -6.8 DFN= -4.6
 Highest= 69 Lowest= 14

PRECIPITATION STATISTICS (inches):

Total= 4.18 DFN= -1.45 Greatest Daily= 0.96 Rain Days= 7
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 62 Lowest= 40 Average= 50

AVERAGE DAILY VALUES:

 Pan Evaporation= .09 (in)

Daily Weather Observations: Piedmont Substation, Camp Hill

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
3/ 1	57	27	42	-9	0	0	0.00	56	44	50	NA	NA	NA
3/ 2	64	29	47	-5	0	0	0.13	59	44	52	0.14	NA	NA
3/ 3	55	42	49	-3	0	0	0.86	54	50	52	NA	NA	NA
3/ 4	57	40	49	-3	0	0	0.51	56	50	53	0.05	NA	NA
3/ 5	57	40	49	-3	0	0	0.00	59	49	54	0.18	NA	NA
3/ 6	53	25	39	-14	0	0	0.00	56	45	51	NA	NA	NA
3/ 7	59	25	42	-11	0	0	0.00	60	45	53	NA	NA	NA
3/ 8	65	26	46	-7	0	0	0.00	60	45	53	NA	NA	NA
3/ 9	75	38	57	4	0	7	0.00	56	50	53	NA	NA	NA
3/10	78	36	57	3	0	14	0.00	68	49	59	0.16	NA	NA
3/11	71	38	55	1	0	19	0.00	67	51	59	0.16	NA	NA
3/12	61	31	46	-8	0	19	Trace	65	50	58	0.12	NA	NA
3/13	52	24	38	-17	0	19	2.46	56	43	50	NA	NA	NA
3/14	32	12	22	-33	0	19	0.00	46	42	44	NA	NA	NA
3/15	38	12	25	-30	0	19	0.00	45	40	43	NA	NA	NA
3/16	50	16	33	-23	0	19	0.00	52	41	47	NA	NA	NA
3/17	61	34	48	-8	0	19	0.35	56	42	49	0.06	NA	NA
3/18	61	31	46	-10	0	19	0.02	59	46	53	0.10	NA	NA
3/19	64	31	48	-8	0	19	0.00	63	40	52	0.14	NA	NA
3/20	56	34	45	-12	0	19	0.00	58	38	48	0.14	NA	NA
3/21	58	37	48	-9	0	19	0.00	55	45	50	0.04	NA	NA
3/22	70	46	58	1	0	27	0.00	62	50	56	0.09	NA	NA
3/23	74	51	63	6	3	40	0.01	65	55	60	0.12	NA	NA
3/24	76	46	61	3	4	51	Trace	67	57	62	0.08	NA	NA
3/25	73	40	57	-1	4	58	0.00	73	55	64	0.10	NA	NA
3/26	70	48	59	1	4	67	0.08	64	55	60	0.19	NA	NA
3/27	63	43	53	-5	4	70	0.88	63	54	59	0.12	NA	NA
3/28	66	40	53	-6	4	73	Trace	69	54	62	0.06	NA	NA
3/29	76	38	57	-2	4	80	0.00	71	49	60	0.14	NA	NA
3/30	81	39	60	1	4	90	0.00	73	54	64	0.17	NA	NA
3/31	84	46	65	6	9	105	1.05	76	54	65	0.24	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 63.1 Mean Minimum= 34.4 Average= 48.7
 DFN= -4.5 DFN= -8.2 DFN= -6.3
 Highest= 84 Lowest= 12

PRECIPITATION STATISTICS (inches):

Total= 6.35 DFN= -0.75 Greatest Daily= 2.46 Rain Days= 10
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 76 Lowest= 38 Average= 54

AVERAGE DAILY VALUES:

 Pan Evaporation= .12 (in)

Daily Weather Observations: Piedmont Substation, Camp Hill

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
4/ 1	81	43	62	2	2	12	0.00	74	57	66	0.19	NA	NA
4/ 2	67	40	54	-6	2	16	0.00	66	54	60	0.19	NA	NA
4/ 3	54	26	40	-20	2	16	0.00	62	48	55	NA	NA	NA
4/ 4	66	31	49	-12	2	16	0.00	65	42	54	0.10	NA	NA
4/ 5	54	43	49	-12	2	16	1.21	58	49	54	NA	NA	NA
4/ 6	58	40	49	-12	2	16	0.05	60	50	55	NA	NA	NA
4/ 7	68	41	55	-6	2	21	0.00	70	55	63	0.21	NA	NA
4/ 8	71	43	57	-5	2	28	0.00	72	55	64	0.21	NA	NA
4/ 9	74	45	60	-2	2	38	Trace	71	52	62	0.21	NA	NA
4/10	70	40	55	-7	2	43	0.35	68	55	62	0.14	NA	NA
4/11	74	39	57	-6	2	50	0.00	71	55	63	0.26	NA	NA
4/12	80	39	60	-3	2	60	0.00	75	55	65	0.27	NA	NA
4/13	83	44	64	1	6	74	0.00	80	59	70	0.30	NA	NA
4/14	83	46	65	2	11	89	0.00	80	59	70	0.19	NA	NA
4/15	82	48	65	1	16	104	Trace	80	61	71	0.24	NA	NA
4/16	74	43	59	-5	16	113	1.10	71	59	65	0.16	NA	NA
4/17	66	34	50	-14	16	113	0.00	71	55	63	0.23	NA	NA
4/18	71	34	53	-11	16	116	0.00	73	52	63	0.21	NA	NA
4/19	71	41	56	-9	16	122	0.00	79	59	69	0.17	NA	NA
4/20	79	41	60	-5	16	132	0.00	80	59	70	0.23	NA	NA
4/21	78	42	60	-5	16	142	0.14	80	60	70	0.17	NA	NA
4/22	58	32	45	-20	16	142	0.00	58	53	56	0.11	NA	NA
4/23	64	32	48	-18	16	142	0.00	75	53	64	0.17	NA	NA
4/24	73	31	52	-14	16	144	0.00	79	55	67	0.24	NA	NA
4/25	76	40	58	-8	16	152	0.00	77	59	68	0.20	NA	NA
4/26	81	43	62	-4	18	164	0.48	80	61	71	0.19	NA	NA
4/27	76	40	58	-8	18	172	0.00	80	60	70	0.20	NA	NA
4/28	75	40	58	-9	18	180	0.00	81	60	71	0.15	NA	NA
4/29	76	39	58	-9	18	188	0.00	84	55	70	0.29	NA	NA
4/30	78	39	59	-8	18	197	0.00	85	62	74	0.28	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 72.0 Mean Minimum= 39.3 Average= 55.7
 DFN= -4.6 DFN= -11.0 DFN= -7.8
 Highest= 83 Lowest= 26

PRECIPITATION STATISTICS (inches):

Total= 3.33 DFN= -2.12 Greatest Daily= 1.21 Rain Days= 6
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 85 Lowest= 42 Average= 65

AVERAGE DAILY VALUES:

 Pan Evaporation= .20 (in)

Daily Weather Observations: Piedmont Substation, Camp Hill

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
5/ 1	73	50	62	-5	2	12	0.00	72	60	66	0.11	NA	NA
5/ 2	72	54	63	-5	5	25	Trace	78	62	70	0.09	NA	NA
5/ 3	69	58	64	-4	9	39	0.30	70	65	68	NA	NA	NA
5/ 4	73	52	63	-5	12	52	1.12	72	65	69	NA	NA	NA
5/ 5	78	46	62	-6	14	64	0.00	80	65	73	0.23	NA	NA
5/ 6	84	46	65	-4	19	79	0.00	84	64	74	0.19	NA	NA
5/ 7	88	51	70	1	29	99	0.00	87	67	77	0.24	NA	NA
5/ 8	89	54	72	3	41	121	0.00	86	68	77	0.25	NA	NA
5/ 9	86	60	73	4	54	144	0.00	87	68	78	0.24	NA	NA
5/10	83	54	69	-1	63	163	0.00	89	70	80	0.25	NA	NA
5/11	83	54	69	-1	72	182	0.00	91	70	81	0.26	NA	NA
5/12	82	58	70	0	82	202	0.01	87	70	79	0.15	NA	NA
5/13	79	55	67	-3	89	219	0.16	81	70	76	0.14	NA	NA
5/14	73	50	62	-8	91	231	0.58	79	64	72	0.15	NA	NA
5/15	77	44	61	-9	92	242	0.00	81	65	73	0.19	NA	NA
5/16	81	47	64	-7	96	256	0.00	87	66	77	0.26	NA	NA
5/17	84	50	67	-4	103	273	0.00	90	68	79	0.21	NA	NA
5/18	84	57	71	0	114	294	0.05	88	72	80	0.21	NA	NA
5/19	86	56	71	0	125	315	Trace	90	71	81	0.23	NA	NA
5/20	75	47	61	-11	126	326	0.39	80	67	74	0.12	NA	NA
5/21	74	40	57	-15	126	333	Trace	80	64	72	0.22	NA	NA
5/22	69	37	53	-19	126	336	0.00	81	60	71	0.19	NA	NA
5/23	76	40	58	-14	126	344	0.00	87	62	75	0.25	NA	NA
5/24	81	44	63	-9	129	357	0.00	90	65	78	0.28	NA	NA
5/25	84	50	67	-6	136	374	Trace	86	69	78	0.18	NA	NA
5/26	76	61	69	-4	145	393	0.03	79	71	75	0.04	NA	NA
5/27	81	55	68	-5	153	411	Trace	83	71	77	0.12	NA	NA
5/28	87	57	72	-1	165	433	Trace	88	70	79	0.19	NA	NA
5/29	83	57	70	-4	175	453	0.00	86	72	79	0.16	NA	NA
5/30	89	58	74	0	189	477	0.00	94	72	83	0.26	NA	NA
5/31	88	58	73	-1	202	500	0.29	88	73	81	0.15	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 80.2 Mean Minimum= 51.6 Average= 65.9
 DFN= -2.6 DFN= -6.3 DFN= -4.4
 Highest= 89 Lowest= 37

PRECIPITATION STATISTICS (inches):

Total= 2.93 DFN= -1.35 Greatest Daily= 1.12 Rain Days= 9
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 94 Lowest= 60 Average= 76

AVERAGE DAILY VALUES:

 Pan Evaporation= .19 (in)

Daily Weather Observations: Piedmont Substation, Camp Hill

DATE	AIR TEMPERATURE			GDD			PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
6/ 1	89	59	74	0	14	24	0.22	90	73	82	0.24	NA	NA
6/ 2	80	48	64	-11	18	38	0.00	88	70	79	0.23	NA	NA
6/ 3	84	50	67	-8	25	55	0.00	93	72	83	0.27	NA	NA
6/ 4	89	55	72	-3	37	77	Trace	90	71	81	0.31	NA	NA
6/ 5	90	67	79	4	56	106	0.00	94	78	86	0.28	NA	NA
6/ 6	89	61	75	0	71	131	0.00	93	78	86	0.22	NA	NA
6/ 7	92	62	77	1	88	158	0.00	98	78	88	0.26	NA	NA
6/ 8	95	63	79	3	107	187	0.00	99	80	90	0.30	NA	NA
6/ 9	94	64	79	3	126	216	0.00	100	79	90	0.28	NA	NA
6/10	94	63	79	3	145	245	0.00	101	80	91	0.31	NA	NA
6/11	95	61	78	2	163	273	0.00	101	80	91	0.31	NA	NA
6/12	96	62	79	2	182	302	0.33	102	80	91	0.34	NA	NA
6/13	92	62	77	0	199	329	0.06	94	78	86	0.20	NA	NA
6/14	91	64	78	1	217	357	0.20	94	77	86	0.04	NA	NA
6/15	85	62	74	-3	231	381	Trace	90	80	85	0.19	NA	NA
6/16	92	65	79	2	250	410	0.08	96	77	87	0.20	NA	NA
6/17	93	63	78	1	268	438	0.00	95	76	86	0.29	NA	NA
6/18	93	60	77	0	285	465	0.00	101	80	91	NA	NA	NA
6/19	92	60	76	-2	301	491	0.00	100	80	90	0.25	NA	NA
6/20	91	58	75	-3	316	516	0.00	100	80	90	0.27	NA	NA
6/21	94	61	78	0	334	544	0.00	100	79	90	0.37	NA	NA
6/22	80	65	73	-5	347	567	0.56	86	78	82	0.06	NA	NA
6/23	88	62	75	-3	362	592	0.00	89	66	78	0.18	NA	NA
6/24	92	63	78	0	380	620	Trace	98	77	88	0.27	NA	NA
6/25	91	66	79	1	399	649	0.35	97	78	88	0.21	NA	NA
6/26	87	65	76	-2	415	675	0.02	89	78	84	0.16	NA	NA
6/27	89	64	77	-1	432	702	Trace	91	78	85	0.19	NA	NA
6/28	91	63	77	-1	449	729	0.61	93	77	85	0.20	NA	NA
6/29	86	65	76	-2	465	755	0.10	90	77	84	0.16	NA	NA
6/30	85	66	76	-2	481	781	0.02	87	77	82	0.16	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 90.0 Mean Minimum= 61.6 Average= 75.8
 DFN= +1.2 DFN= -2.6 DFN= -0.7
 Highest= 96 Lowest= 48

PRECIPITATION STATISTICS (inches):

Total= 2.55 DFN= -1.23 Greatest Daily= 0.61 Rain Days= 11
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 102 Lowest= 66 Average= 86

AVERAGE DAILY VALUES:

 Pan Evaporation= .23 (in)

Daily Weather Observations: Piedmont Substation, Camp Hill

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
7/ 1	92	66	79	1	19	29	0.25	92	79	86	0.24	NA	NA
7/ 2	92	64	78	-1	37	57	0.00	95	78	87	0.26	NA	NA
7/ 3	94	64	79	0	56	86	0.00	100	79	90	0.26	NA	NA
7/ 4	95	65	80	1	76	116	0.00	101	77	89	0.29	NA	NA
7/ 5	94	65	80	1	96	146	0.00	101	81	91	0.29	NA	NA
7/ 6	94	62	78	-1	114	174	0.00	100	82	91	0.23	NA	NA
7/ 7	96	65	81	2	135	205	0.00	104	83	94	0.29	NA	NA
7/ 8	98	65	82	3	157	237	0.63	104	81	93	NA	NA	NA
7/ 9	94	62	78	-1	175	265	0.45	96	78	87	0.21	NA	NA
7/10	93	64	79	0	194	294	Trace	94	77	86	0.22	NA	NA
7/11	94	64	79	0	213	323	Trace	100	78	89	0.24	NA	NA
7/12	92	63	78	-1	231	351	0.00	101	78	90	0.28	NA	NA
7/13	90	65	78	-1	249	379	Trace	98	80	89	0.21	NA	NA
7/14	89	66	78	-1	267	407	0.00	99	83	91	0.20	NA	NA
7/15	92	64	78	-1	285	435	0.00	100	82	91	0.26	NA	NA
7/16	94	64	79	-1	304	464	0.00	102	82	92	0.25	NA	NA
7/17	96	66	81	1	325	495	0.00	100	84	92	0.22	NA	NA
7/18	96	65	81	1	346	526	1.20	100	80	90	0.32	NA	NA
7/19	98	66	82	2	368	558	0.00	98	80	89	0.29	NA	NA
7/20	95	67	81	1	389	589	0.73	95	80	88	NA	NA	NA
7/21	97	67	82	2	411	621	0.00	96	80	88	0.25	NA	NA
7/22	98	67	83	3	434	654	0.00	103	80	92	0.29	NA	NA
7/23	99	67	83	3	457	687	0.00	103	82	93	0.31	NA	NA
7/24	97	65	81	1	478	718	0.10	103	82	93	0.21	NA	NA
7/25	95	65	80	0	498	748	0.00	100	82	91	0.23	NA	NA
7/26	94	70	82	2	520	780	0.00	103	85	94	0.24	NA	NA
7/27	97	67	82	2	542	812	0.00	104	85	95	0.21	NA	NA
7/28	100	67	84	4	566	846	Trace	104	85	95	0.25	NA	NA
7/29	98	67	83	4	589	879	Trace	105	85	95	0.28	NA	NA
7/30	97	65	81	2	610	910	0.16	101	82	92	0.21	NA	NA
7/31	95	56	76	-3	626	936	0.00	102	81	92	0.36	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 95.0 Mean Minimum= 65.0 Average= 80.0
 DFN= +4.4 DFN= -2.4 DFN= +1.0
 Highest= 100 Lowest= 56

PRECIPITATION STATISTICS (inches):

Total= 3.52 DFN= -1.91 Greatest Daily= 1.20 Rain Days= 7
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 105 Lowest= 77 Average= 91

AVERAGE DAILY VALUES:

 Pan Evaporation= .26 (in)

Daily Weather Observations: Piedmont Substation, Camp Hill

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
8/ 1	95	54	75	-4	15	25	0.00	104	81	93	0.32	NA	NA
8/ 2	95	55	75	-4	30	50	0.00	101	82	92	0.36	NA	NA
8/ 3	95	68	82	3	52	82	0.02	98	84	91	0.17	NA	NA
8/ 4	86	65	76	-3	68	108	0.96	90	80	85	0.15	NA	NA
8/ 5	89	65	77	-2	85	135	0.22	90	71	81	0.10	NA	NA
8/ 6	88	66	77	-2	102	162	0.08	91	78	85	0.14	NA	NA
8/ 7	86	64	75	-4	117	187	0.19	87	77	82	0.12	NA	NA
8/ 8	79	63	71	-8	128	208	0.53	83	76	80	0.05	NA	NA
8/ 9	87	63	75	-4	143	233	Trace	87	76	82	0.10	NA	NA
8/10	89	63	76	-3	159	259	0.00	94	76	85	0.29	NA	NA
8/11	89	62	76	-3	175	285	0.00	97	76	87	0.21	NA	NA
8/12	90	60	75	-4	190	310	0.00	99	79	89	0.23	NA	NA
8/13	92	61	77	-2	207	337	0.00	101	79	90	0.35	NA	NA
8/14	90	66	78	-1	225	365	0.29	94	80	87	0.15	NA	NA
8/15	89	65	77	-2	242	392	0.00	93	80	87	0.10	NA	NA
8/16	92	65	79	1	261	421	0.00	95	80	88	0.23	NA	NA
8/17	93	64	79	1	280	450	0.00	100	81	91	0.27	NA	NA
8/18	96	63	80	2	300	480	0.00	101	81	91	0.21	NA	NA
8/19	93	63	78	0	318	508	Trace	95	81	88	0.18	NA	NA
8/20	95	67	81	3	339	539	0.14	100	81	91	0.20	NA	NA
8/21	94	67	81	3	360	570	0.00	95	80	88	0.18	NA	NA
8/22	95	65	80	2	380	600	0.58	100	80	90	0.11	NA	NA
8/23	90	65	78	0	398	628	0.29	93	80	87	0.28	NA	NA
8/24	91	65	78	0	416	656	0.00	93	80	87	0.13	NA	NA
8/25	90	67	79	1	435	685	0.00	93	79	86	0.11	NA	NA
8/26	90	65	78	0	453	713	0.00	96	80	88	0.12	NA	NA
8/27	92	65	79	1	472	742	0.00	99	80	90	0.28	NA	NA
8/28	92	66	79	1	491	771	Trace	99	80	90	0.28	NA	NA
8/29	91	65	78	1	509	799	0.00	98	80	89	0.20	NA	NA
8/30	90	68	79	2	528	828	0.07	97	80	89	0.14	NA	NA
8/31	90	68	79	2	547	857	0.01	95	80	88	0.18	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 90.7 Mean Minimum= 64.1 Average= 77.4
 DFN= +0.5 DFN= -2.3 DFN= -0.9
 Highest= 96 Lowest= 54

PRECIPITATION STATISTICS (inches):

Total= 3.38 DFN= -0.36 Greatest Daily= 0.96 Rain Days= 12
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 104 Lowest= 71 Average= 87

AVERAGE DAILY VALUES:

 Pan Evaporation= .19 (in)

Daily Weather Observations: Piedmont Substation, Camp Hill

DATE	AIR TEMPERATURE			GDD			PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
9/ 1	93	68	81	4	21	31	0.00	99	80	90	0.26	NA	NA
9/ 2	92	67	80	3	41	61	1.03	98	81	90	0.23	NA	NA
9/ 3	90	70	80	3	61	91	0.50	92	80	86	0.19	NA	NA
9/ 4	85	70	78	1	79	119	0.91	88	76	82	NA	NA	NA
9/ 5	85	64	75	-2	94	144	Trace	90	76	83	0.15	NA	NA
9/ 6	88	63	76	0	110	170	0.00	90	75	83	0.15	NA	NA
9/ 7	87	63	75	-1	125	195	0.42	89	75	82	0.18	NA	NA
9/ 8	83	62	73	-3	138	218	0.25	89	75	82	0.15	NA	NA
9/ 9	86	63	75	-1	153	243	0.00	89	75	82	0.14	NA	NA
9/10	88	62	75	-1	168	268	0.00	89	75	82	0.15	NA	NA
9/11	85	59	72	-3	180	290	0.00	92	75	84	0.20	NA	NA
9/12	84	56	70	-5	190	310	0.00	94	75	85	0.22	NA	NA
9/13	87	57	72	-3	202	332	0.00	91	75	83	0.14	NA	NA
9/14	88	68	78	3	220	360	0.00	91	77	84	0.13	NA	NA
9/15	89	68	79	5	239	389	Trace	94	78	86	0.16	NA	NA
9/16	88	66	77	3	256	416	0.00	93	79	86	0.14	NA	NA
9/17	89	66	78	4	274	444	0.00	95	79	87	0.13	NA	NA
9/18	87	64	76	2	290	470	0.00	95	79	87	0.13	NA	NA
9/19	90	57	74	1	304	494	0.00	96	76	86	0.14	NA	NA
9/20	91	58	75	2	319	519	0.00	96	77	87	0.14	NA	NA
9/21	91	58	75	3	334	544	Trace	94	75	85	0.25	NA	NA
9/22	90	54	72	0	346	566	0.00	95	75	85	0.21	NA	NA
9/23	91	51	71	-1	357	587	0.00	95	71	83	0.16	NA	NA
9/24	92	51	72	1	369	609	0.00	94	72	83	0.18	NA	NA
9/25	92	59	76	5	385	635	Trace	94	78	86	0.14	NA	NA
9/26	92	64	78	7	403	663	0.00	95	79	87	0.21	NA	NA
9/27	90	61	76	6	419	689	0.81	92	71	82	0.22	NA	NA
9/28	77	42	60	-10	419	699	0.00	85	67	76	0.22	NA	NA
9/29	81	41	61	-9	420	710	0.00	85	65	75	0.21	NA	NA
9/30	82	44	63	-6	423	723	0.00	87	67	77	0.17	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 87.8 Mean Minimum= 59.9 Average= 73.8
 DFN= +2.6 DFN= -1.9 DFN= +0.3
 Highest= 93 Lowest= 41

PRECIPITATION STATISTICS (inches):

Total= 3.92 DFN= -0.25 Greatest Daily= 1.03 Rain Days= 6
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 99 Lowest= 65 Average= 84

AVERAGE DAILY VALUES:

 Pan Evaporation= .18 (in)

Daily Weather Observations: Piedmont Substation, Camp Hill

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
10/ 1	75	37	56	-13	0	6	0.00	94	64	79	0.22	NA	NA
10/ 2	77	37	57	-12	0	13	0.00	83	65	74	0.16	NA	NA
10/ 3	83	43	63	-5	3	26	0.00	85	66	76	0.19	NA	NA
10/ 4	83	48	66	-2	9	42	0.00	86	68	77	0.04	NA	NA
10/ 5	83	43	63	-4	12	55	0.00	86	68	77	0.16	NA	NA
10/ 6	86	43	65	-2	17	70	0.00	86	69	78	0.15	NA	NA
10/ 7	86	47	67	0	24	87	0.00	86	70	78	0.20	NA	NA
10/ 8	77	53	65	-1	29	102	0.00	83	69	76	0.11	NA	NA
10/ 9	84	53	69	3	38	121	0.00	84	70	77	0.12	NA	NA
10/10	85	50	68	3	46	139	0.00	85	71	78	0.16	NA	NA
10/11	77	38	58	-7	46	147	0.00	80	65	73	0.12	NA	NA
10/12	74	36	55	-9	46	152	0.00	80	63	72	0.09	NA	NA
10/13	70	32	51	-13	46	153	0.00	79	62	71	0.14	NA	NA
10/14	77	37	57	-7	46	160	Trace	80	62	71	0.09	NA	NA
10/15	72	54	63	0	49	173	0.02	78	68	73	0.08	NA	NA
10/16	76	57	67	4	56	190	0.02	75	65	70	0.04	NA	NA
10/17	72	61	67	5	63	207	Trace	75	70	73	0.02	NA	NA
10/18	77	61	69	7	72	226	0.03	76	70	73	0.06	NA	NA
10/19	79	63	71	9	83	247	Trace	77	70	74	0.03	NA	NA
10/20	85	59	72	11	95	269	0.00	81	68	75	0.11	NA	NA
10/21	85	60	73	12	108	292	0.06	82	69	76	0.12	NA	NA
10/22	78	48	63	2	111	305	0.13	80	66	73	0.06	NA	NA
10/23	58	47	53	-7	111	308	1.03	72	62	67	0.04	NA	NA
10/24	64	48	56	-4	111	314	Trace	78	61	70	0.05	NA	NA
10/25	68	45	57	-3	111	321	0.00	70	60	65	0.11	NA	NA
10/26	69	50	60	1	111	331	0.00	69	60	65	0.11	NA	NA
10/27	77	46	62	3	113	343	Trace	75	63	69	0.09	NA	NA
10/28	77	37	57	-2	113	350	0.00	75	60	68	0.19	NA	NA
10/29	67	37	52	-7	113	352	0.00	73	55	64	0.07	NA	NA
10/30	58	43	51	-7	113	353	2.81	64	54	59	NA	NA	NA
10/31	52	32	42	-16	113	353	Trace	63	51	57	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 75.2 Mean Minimum= 46.6 Average= 60.9
 DFN= -0.6 DFN= -3.5 DFN= -2.0
 Highest= 86 Lowest= 32

PRECIPITATION STATISTICS (inches):

Total= 4.10 DFN= +1.40 Greatest Daily= 2.81 Rain Days= 7
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 94 Lowest= 51 Average= 72

AVERAGE DAILY VALUES:

 Pan Evaporation= .11 (in)

Daily Weather Observations: Piedmont Substation, Camp Hill

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
11/ 1	41	24	33	-25	0	0	Trace	54	42	48	NA	NA	NA
11/ 2	53	24	39	-19	0	0	0.00	60	45	53	NA	NA	NA
11/ 3	58	26	42	-15	0	0	0.00	60	44	52	NA	NA	NA
11/ 4	66	33	50	-7	0	0	0.00	61	46	54	0.07	NA	NA
11/ 5	67	40	54	-3	0	4	1.29	67	51	59	0.04	NA	NA
11/ 6	76	40	58	2	0	12	0.89	71	59	65	NA	NA	NA
11/ 7	56	25	41	-15	0	12	0.00	65	49	57	NA	NA	NA
11/ 8	55	26	41	-15	0	12	0.00	62	49	56	NA	NA	NA
11/ 9	62	33	48	-8	0	12	0.00	64	43	54	0.07	NA	NA
11/10	53	35	44	-11	0	12	0.00	56	51	54	0.05	NA	NA
11/11	67	30	49	-6	0	12	0.00	64	46	55	0.09	NA	NA
11/12	69	29	49	-6	0	12	0.00	64	49	57	0.08	NA	NA
11/13	70	31	51	-3	0	13	0.00	64	50	57	0.07	NA	NA
11/14	79	50	65	11	5	28	0.00	68	53	61	0.07	NA	NA
11/15	73	63	68	14	13	46	0.13	69	63	66	0.02	NA	NA
11/16	75	58	67	14	20	63	0.76	71	65	68	0.06	NA	NA
11/17	79	60	70	17	30	83	0.01	72	64	68	0.05	NA	NA
11/18	70	38	54	1	30	87	Trace	70	56	63	0.07	NA	NA
11/19	60	36	48	-4	30	87	0.00	67	55	61	0.04	NA	NA
11/20	65	35	50	-2	30	87	0.00	62	55	59	0.03	NA	NA
11/21	57	27	42	-10	30	87	0.00	64	48	56	NA	NA	NA
11/22	61	25	43	-9	30	87	0.00	61	47	54	NA	NA	NA
11/23	68	30	49	-3	30	87	0.00	63	48	56	0.08	NA	NA
11/24	70	31	51	0	30	88	0.00	65	50	58	0.06	NA	NA
11/25	71	32	52	1	30	90	0.00	64	50	57	0.08	NA	NA
11/26	73	33	53	2	30	93	Trace	65	51	58	0.12	NA	NA
11/27	54	47	51	0	30	94	0.72	65	55	60	0.01	NA	NA
11/28	51	25	38	-12	30	94	0.00	58	45	52	NA	NA	NA
11/29	56	20	38	-12	30	94	0.00	56	45	51	NA	NA	NA
11/30	66	24	45	-5	30	94	0.00	58	45	52	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 64.0 Mean Minimum= 34.3 Average= 49.2
 DFN= -1.6 DFN= -7.0 DFN= -4.3
 Highest= 79 Lowest= 20

PRECIPITATION STATISTICS (inches):

Total= 3.80 DFN= +0.14 Greatest Daily= 1.29 Rain Days= 6
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 72 Lowest= 42 Average= 57

AVERAGE DAILY VALUES:

 Pan Evaporation= .06 (in)

Daily Weather Observations: Piedmont Substation, Camp Hill

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
12/ 1	69	29	49	-1	0	0	0.00	60	44	52	NA	NA	NA
12/ 2	60	39	50	0	0	0	0.00	56	45	51	0.09	NA	NA
12/ 3	63	36	50	1	0	0	0.00	57	48	53	0.09	NA	NA
12/ 4	70	32	51	2	0	1	0.00	59	50	55	0.11	NA	NA
12/ 5	69	48	59	10	0	10	0.72	61	55	58	0.06	NA	NA
12/ 6	60	32	46	-3	0	10	0.00	62	53	58	0.10	NA	NA
12/ 7	61	27	44	-5	0	10	0.00	52	45	49	NA	NA	NA
12/ 8	60	28	44	-5	0	10	0.00	58	46	52	NA	NA	NA
12/ 9	67	32	50	2	0	10	0.00	60	46	53	0.04	NA	NA
12/10	69	34	52	4	0	12	0.20	60	47	54	0.02	NA	NA
12/11	59	33	46	-2	0	12	0.55	57	48	53	0.04	NA	NA
12/12	53	21	37	-11	0	12	0.00	55	40	48	NA	NA	NA
12/13	53	21	37	-10	0	12	0.00	54	40	47	NA	NA	NA
12/14	56	40	48	1	0	12	0.40	53	46	50	NA	NA	NA
12/15	49	35	42	-5	0	12	0.13	51	48	50	NA	NA	NA
12/16	45	38	42	-5	0	12	Trace	50	47	49	0.03	NA	NA
12/17	52	28	40	-7	0	12	Trace	53	45	49	NA	NA	NA
12/18	59	30	45	-2	0	12	Trace	56	45	51	0.06	NA	NA
12/19	57	30	44	-2	0	12	Trace	54	45	50	0.01	NA	NA
12/20	56	31	44	-2	0	12	0.02	56	46	51	0.04	NA	NA
12/21	45	36	41	-5	0	12	0.74	49	46	48	NA	NA	NA
12/22	48	28	38	-8	0	12	Trace	54	45	50	NA	NA	NA
12/23	42	31	37	-9	0	12	0.44	NA	NA	NA	0.01	NA	NA
12/24	46	26	36	-10	0	12	Trace	49	40	45	NA	NA	NA
12/25	37	24	31	-14	0	12	0.00	43	36	40	NA	NA	NA
12/26	49	18	34	-11	0	12	0.00	45	39	42	NA	NA	NA
12/27	55	16	36	-9	0	12	0.00	48	39	44	NA	NA	NA
12/28	64	32	48	3	0	12	0.00	52	45	49	0.01	NA	NA
12/29	67	42	55	10	0	17	0.13	54	45	50	NA	NA	NA
12/30	59	26	43	-2	0	17	0.00	56	42	49	NA	NA	NA
12/31	46	16	31	-14	0	17	0.00	49	39	44	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 56.3 Mean Minimum= 30.3 Average= 43.3
 DFN= -1.8 DFN= -5.2 DFN= -3.5
 Highest= 70 Lowest= 16

PRECIPITATION STATISTICS (inches):

Total= 3.33 DFN= -2.00 Greatest Daily= 0.74 Rain Days= 9
 Daily precipitation amount of Trace is less than .01 inch.

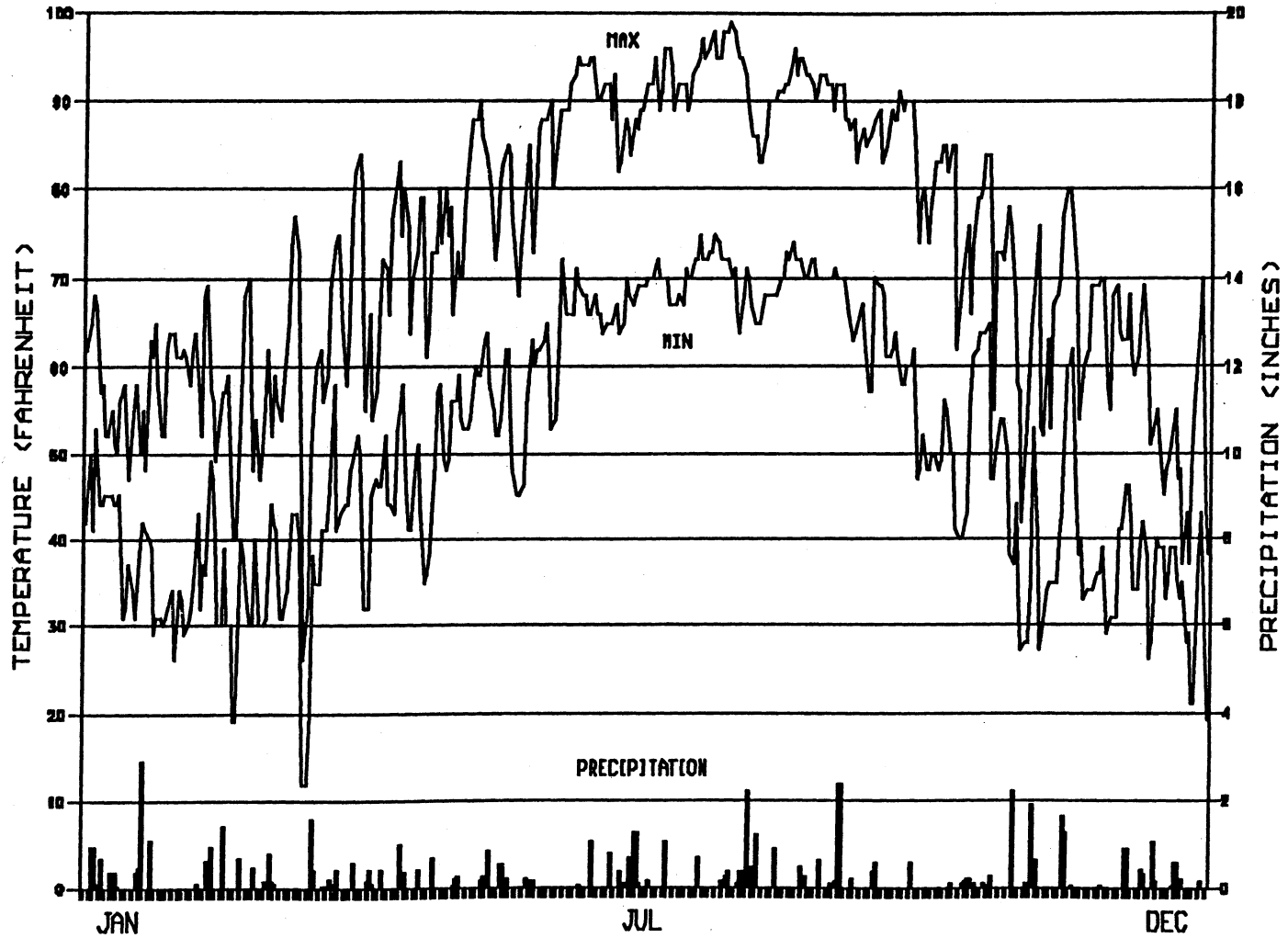
SOIL TEMPERATURES (in degrees F):

Highest= 62 Lowest= 36 Average= 49

AVERAGE DAILY VALUES:

 Pan Evaporation= .05 (in)

Chilton Area Horticultural Substation, Clanton
Daily Precipitation, Maximum and Minimum Temperature
January 1 - December 31 1993



100

Monthly precipitation summary: Chilton Area Horticulture Substation, Clanton

For the period: Sunday January 1, 1984
to: Thursday December 31, 1992

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1984	4.20	3.48	4.41	3.55	4.88	1.87	6.54	4.26	1.47	5.88	4.74	3.10	48.38
	-1.20	-1.86	-2.94	-2.52	0.71	-1.84	1.42	0.17	-3.09	3.09	1.29	-2.45	-9.22
1985	3.67	6.47	1.49	3.27	3.90	2.56	9.74	6.57	2.06	4.28	2.63	2.68	49.32
	-1.73	1.34	-5.86	-2.80	-0.27	-1.15	4.62	2.48	-2.50	1.49	-0.82	-2.87	-8.07
1986	1.83	2.27	2.18	0.32	5.79	1.17	3.74	4.00	2.81	3.55	14.00	3.62	45.28
	-3.57	-2.86	-5.17	-5.75	1.62	-2.54	-1.38	-0.09	-1.75	0.76	10.55	-1.93	-12.11
1987	6.20	7.10	6.20	0.32	3.81	5.29	3.08	3.53	1.96	1.00	3.25	5.58	47.32
	0.80	1.97	-1.15	-5.75	-0.36	1.58	-2.04	-0.56	-2.60	-1.79	-0.20	0.03	-10.07
1988	5.91	4.45	3.11	5.66	2.00	4.24	7.67	1.12	8.91	1.68	6.67	3.17	54.59
	0.51	-0.89	-4.24	-0.41	-2.17	0.53	2.55	-2.97	4.35	-1.11	3.22	-2.38	-3.01
1989	3.15	3.05	8.61	4.11	3.32	11.33	5.71	2.08	3.84	2.31	4.69	5.58	57.78
	-2.25	-2.08	1.26	-1.96	-0.85	7.62	0.59	-2.01	-0.72	-0.48	1.24	0.03	0.39
1990	10.86	8.74	10.65	2.18	4.48	0.52	3.13	0.93	0.28	3.26	2.91	4.31	52.25
	5.46	3.61	3.30	-3.89	0.31	-3.19	-1.99	-3.16	-4.28	0.47	-0.54	-1.24	-5.14
1991	5.73	5.01	6.14	8.04	11.01	7.25	2.12	0.75	3.98	0.78	3.99	2.57	57.37
	0.33	-0.12	-1.21	1.97	6.84	3.54	-3.00	-3.34	-0.58	-2.01	0.54	-2.98	-0.02
1992	4.81	6.66	2.86	3.18	1.32	2.21	7.41	5.98	3.59	3.17	8.65	7.25	57.09
	-0.59	1.32	-4.49	-2.89	-2.85	-1.50	2.29	1.89	-0.97	0.38	5.20	1.70	-0.51

SUMMARY FOR 1984 TO 1992													
	5.40	5.34	7.35	6.07	4.17	3.71	5.12	4.09	4.56	2.79	3.45	5.55	57.60
	-2.24	0.43	-20.50	-24.00	2.98	3.05	3.06	-7.59	-12.14	0.80	20.48	-12.09	-47.76

YEARLY TOTALS: LINE 1 OBSERVED MONTHLY RAIN TOTALS
LINE 2 DEPARTURE FROM NORMAL (DFN)
SUMMARY TOTALS: LINE 1 NORMAL MONTHLY RAIN TOTALS
LINE 2 CUMULATIVE MONTHLY DFN

NOTE: All Precip normals are based on the 1951-80 period.
Missing MONTHLY or YEARLY totals are NOT included
in the summary totals!

Daily Weather Observations: Chilton Area Horticulture Substation, Clanton

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
1/ 1	64	25	45	2	0	0	0.00	NA	NA	NA	NA	NA	NA
1/ 2	62	42	52	9	0	2	0.00	NA	NA	NA	NA	NA	NA
1/ 3	65	50	58	15	0	10	0.00	NA	NA	NA	NA	NA	NA
1/ 4	68	41	55	12	0	15	0.00	60	55	58	0.12	NA	NA
1/ 5	67	53	60	17	0	25	0.93	59	49	54	NA	NA	NA
1/ 6	57	44	51	8	0	26	Trace	59	55	57	0.11	NA	NA
1/ 7	58	44	51	8	0	27	0.02	58	54	56	NA	NA	NA
1/ 8	52	45	49	6	0	27	0.68	54	49	52	0.02	NA	NA
1/ 9	52	45	49	6	0	27	0.00	54	54	54	0.05	NA	NA
1/10	55	45	50	7	0	27	0.00	55	54	55	0.08	NA	NA
1/11	51	44	48	5	0	27	0.35	54	54	54	0.17	NA	NA
1/12	50	44	47	5	0	27	0.33	53	50	52	NA	NA	NA
1/13	56	45	51	9	0	28	0.05	54	50	52	NA	NA	NA
1/14	58	31	45	3	0	28	0.00	56	48	52	0.23	NA	NA
1/15	52	32	42	0	0	28	0.00	51	46	49	0.06	NA	NA
1/16	47	37	42	-1	0	28	0.00	48	45	47	0.05	NA	NA
1/17	55	34	45	2	0	28	0.00	50	45	48	0.06	NA	NA
1/18	58	31	45	2	0	28	0.00	53	45	49	0.08	NA	NA
1/19	50	39	45	2	0	28	0.35	50	46	48	0.01	NA	NA
1/20	55	42	49	6	0	28	0.43	51	45	48	NA	NA	NA
1/21	48	41	45	2	0	28	2.91	50	50	50	NA	NA	NA
1/22	63	40	52	9	0	30	0.00	56	48	52	0.05	NA	NA
1/23	61	39	50	7	0	30	0.00	56	48	52	0.20	NA	NA
1/24	65	29	47	4	0	30	1.10	57	48	53	0.22	NA	NA
1/25	58	31	45	2	0	30	0.00	57	44	51	0.05	NA	NA
1/26	52	31	42	-1	0	30	0.00	50	41	46	NA	NA	NA
1/27	52	30	41	-2	0	30	0.00	49	40	45	NA	NA	NA
1/28	62	31	47	3	0	30	0.00	51	41	46	NA	NA	NA
1/29	64	32	48	4	0	30	0.00	51	40	46	0.07	NA	NA
1/30	64	34	49	5	0	30	0.00	54	45	50	0.22	NA	NA
1/31	61	26	44	0	0	30	0.00	54	45	50	0.22	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 57.5 Mean Minimum= 38.0 Average= 47.7
 DFN= +3.5 DFN= +6.6 DFN= +5.0
 Highest= 68 Lowest= 25

PRECIPITATION STATISTICS (inches):

Total= 7.15 DFN= +1.75 Greatest Daily= 2.91 Rain Days= 10
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 60 Lowest= 40 Average= 51

AVERAGE DAILY VALUES:

 Pan Evaporation= .11 (in)

Daily Weather Observations: Chilton Area Horticulture Substation, Clanton

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
2/ 1	61	34	48	4	0	0	0.00	50	45	48	0.24	NA	NA
2/ 2	62	33	48	4	0	0	0.00	54	44	49	0.19	NA	NA
2/ 3	61	29	45	1	0	0	0.00	52	42	47	0.11	NA	NA
2/ 4	58	30	44	0	0	0	0.00	51	43	47	0.11	NA	NA
2/ 5	62	32	47	3	0	0	0.00	54	46	50	0.10	NA	NA
2/ 6	64	35	50	6	0	0	0.00	53	46	50	0.10	NA	NA
2/ 7	57	43	50	6	0	0	0.00	53	49	51	0.10	NA	NA
2/ 8	52	32	42	-3	0	0	0.07	52	51	52	0.12	NA	NA
2/ 9	68	37	53	8	0	3	0.00	55	45	50	0.16	NA	NA
2/10	69	36	53	8	0	6	0.00	56	45	51	0.18	NA	NA
2/11	57	49	53	8	0	9	0.59	55	53	54	NA	NA	NA
2/12	56	47	52	7	0	11	0.96	54	51	53	0.12	NA	NA
2/13	49	41	45	-1	0	11	0.00	54	50	52	0.11	NA	NA
2/14	52	30	41	-5	0	11	0.00	54	47	51	0.11	NA	NA
2/15	57	30	44	-2	0	11	0.00	54	47	51	0.12	NA	NA
2/16	57	39	48	2	0	11	1.42	50	44	47	NA	NA	NA
2/17	59	30	45	-1	0	11	0.00	55	44	50	NA	NA	NA
2/18	45	30	38	-9	0	11	0.00	50	41	46	NA	NA	NA
2/19	40	19	30	-17	0	11	0.00	49	39	44	NA	NA	NA
2/20	40	19	30	-17	0	11	0.00	43	36	40	NA	NA	NA
2/21	58	40	49	2	0	11	0.00	50	42	46	NA	NA	NA
2/22	68	38	53	5	0	14	0.64	57	42	50	NA	NA	NA
2/23	70	32	51	3	0	15	0.00	58	48	53	0.18	NA	NA
2/24	57	30	44	-4	0	15	0.00	50	43	47	0.22	NA	NA
2/25	48	30	39	-9	0	15	0.00	49	42	46	0.05	NA	NA
2/26	54	40	47	-2	0	15	0.43	46	44	45	0.15	NA	NA
2/27	47	30	39	-10	0	15	0.00	46	44	45	0.09	NA	NA
2/28	50	30	40	-9	0	15	0.00	47	44	46	0.09	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 56.4 Mean Minimum= 33.8 Average= 45.1
 DFN= -1.6 DFN= +0.1 DFN= -0.8
 Highest= 70 Lowest= 19

PRECIPITATION STATISTICS (inches):

Total= 4.11 DFN= -1.02 Greatest Daily= 1.42 Rain Days= 6
 Daily precipitation amount of Trace is less than .01 inch.

*SOIL TEMPERATURES (in degrees F):

Highest= 58 Lowest= 36 Average= 48

AVERAGE DAILY VALUES:

 Pan Evaporation= .13 (in)

Daily Weather Observations: Chilton Area Horticulture Substation, Clanton

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
3/ 1	55	30	43	-6	0	0	0.00	52	44	48	0.09	NA	NA
3/ 2	62	31	47	-3	0	0	0.15	55	41	48	0.09	NA	NA
3/ 3	52	44	48	-2	0	0	0.81	50	50	50	0.04	NA	NA
3/ 4	59	42	51	1	0	1	0.12	54	49	52	0.03	NA	NA
3/ 5	56	41	49	-1	0	1	Trace	53	48	51	0.12	NA	NA
3/ 6	54	31	43	-8	0	1	0.00	53	45	49	0.09	NA	NA
3/ 7	58	31	45	-6	0	1	0.00	55	43	49	0.10	NA	NA
3/ 8	65	34	50	-1	0	1	0.00	57	43	50	0.10	NA	NA
3/ 9	74	39	57	6	0	8	0.00	53	45	49	0.23	NA	NA
3/10	77	43	60	8	0	18	0.00	62	46	54	0.17	NA	NA
3/11	73	43	58	6	0	26	0.00	61	45	53	0.24	NA	NA
3/12	57	40	49	-3	0	26	0.00	53	45	49	0.15	NA	NA
3/13	45	25	35	-18	0	26	0.00	48	40	44	NA	NA	NA
3/14	26	12	19	-34	0	26	0.00	45	40	43	NA	NA	NA
3/15	32	12	22	-31	0	26	0.00	40	40	40	NA	NA	NA
3/16	50	19	35	-18	0	26	0.00	39	37	38	NA	NA	NA
3/17	56	38	47	-7	0	26	1.56	41	36	39	NA	NA	NA
3/18	60	35	48	-6	0	26	0.39	54	39	47	0.05	NA	NA
3/19	62	35	49	-5	0	26	0.00	56	42	49	0.14	NA	NA
3/20	56	41	49	-6	0	26	0.00	56	44	50	0.09	NA	NA
3/21	59	41	50	-5	0	26	0.01	58	48	53	0.09	NA	NA
3/22	69	45	57	2	0	33	0.02	59	51	55	0.11	NA	NA
3/23	74	58	66	10	6	49	0.18	59	53	56	0.11	NA	NA
3/24	75	41	58	2	6	57	Trace	62	54	58	0.16	NA	NA
3/25	71	42	57	1	6	64	0.00	64	50	57	0.20	NA	NA
3/26	65	43	54	-3	6	68	0.41	58	52	55	0.15	NA	NA
3/27	58	44	51	-6	6	69	0.00	62	54	58	0.15	NA	NA
3/28	64	44	54	-3	6	73	0.00	63	54	59	0.15	NA	NA
3/29	77	48	63	5	9	86	0.00	65	55	60	0.15	NA	NA
3/30	82	49	66	8	15	102	0.00	63	49	56	0.22	NA	NA
3/31	84	52	68	10	23	120	0.56	67	51	59	0.19	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 61.5 Mean Minimum= 37.8 Average= 49.7
 DFN= -4.1 DFN= -3.1 DFN= -3.6
 Highest= 84 Lowest= 12

PRECIPITATION STATISTICS (inches):

Total= 4.21 DFN= -3.14 Greatest Daily= 1.56 Rain Days= 10
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 67 Lowest= 36 Average= 51

AVERAGE DAILY VALUES:

 Pan Evaporation= .13 (in)

Daily Weather Observations: Chilton Area Horticulture Substation, Clanton

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
4/ 1	80	50	65	6	5	15	0.00	68	57	63	0.22	NA	NA
4/ 2	65	41	53	-6	5	18	0.00	60	54	57	0.30	NA	NA
4/ 3	55	32	44	-15	5	18	0.00	58	49	54	0.14	NA	NA
4/ 4	66	32	49	-10	5	18	0.12	60	49	55	0.12	NA	NA
4/ 5	54	45	50	-10	5	18	0.42	64	52	58	0.26	NA	NA
4/ 6	57	47	52	-8	5	20	Trace	56	52	54	0.07	NA	NA
4/ 7	66	46	56	-4	5	26	0.00	64	53	59	0.18	NA	NA
4/ 8	72	46	59	-1	5	35	0.00	66	48	57	0.20	NA	NA
4/ 9	71	52	62	1	7	47	0.37	64	55	60	0.20	NA	NA
4/10	66	44	55	-6	7	52	0.00	66	54	60	0.13	NA	NA
4/11	77	44	61	0	8	63	0.00	69	55	62	0.14	NA	NA
4/12	81	43	62	0	10	75	0.00	71	57	64	0.14	NA	NA
4/13	83	53	68	6	18	93	0.00	72	59	66	0.22	NA	NA
4/14	75	55	65	3	23	108	0.00	80	55	68	0.25	NA	NA
4/15	80	58	69	7	32	127	0.98	74	60	67	NA	NA	NA
4/16	76	45	61	-2	33	138	0.32	69	56	63	0.28	NA	NA
4/17	64	41	53	-10	33	141	0.00	69	54	62	0.24	NA	NA
4/18	70	41	56	-7	33	147	0.00	70	54	62	0.24	NA	NA
4/19	73	49	61	-3	34	158	0.00	70	55	63	0.25	NA	NA
4/20	79	51	65	1	39	173	0.00	70	54	62	0.25	NA	NA
4/21	79	43	61	-3	40	184	0.39	71	57	64	0.20	NA	NA
4/22	61	35	48	-16	40	184	0.00	65	51	58	0.20	NA	NA
4/23	64	36	50	-15	40	184	0.00	67	50	59	0.20	NA	NA
4/24	73	38	56	-9	40	190	0.00	70	50	60	0.28	NA	NA
4/25	73	48	61	-4	41	201	0.00	73	54	64	0.28	NA	NA
4/26	80	57	69	4	50	220	0.67	74	55	65	0.20	NA	NA
4/27	74	58	66	0	56	236	0.00	74	55	65	0.26	NA	NA
4/28	80	49	65	-1	61	251	0.00	74	56	65	0.24	NA	NA
4/29	75	48	62	-4	63	263	0.00	75	56	66	0.25	NA	NA
4/30	78	49	64	-2	67	277	0.00	75	56	66	0.25	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 71.6 Mean Minimum= 45.9 Average= 58.7
 DFN= -3.8 DFN= -3.6 DFN= -3.7
 Highest= 83 Lowest= 32

PRECIPITATION STATISTICS (inches):

Total= 3.27 DFN= -2.80 Greatest Daily= 0.98 Rain Days= 7
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 80 Lowest= 48 Average= 61

AVERAGE DAILY VALUES:

 Pan Evaporation= .21 (in)

Daily Weather Observations: Chilton Area Horticulture Substation, Clanton

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
5/ 1	66	56	61	-6	1	11	0.00	74	56	65	0.11	NA	NA
5/ 2	73	56	65	-2	6	26	0.04	72	58	65	0.08	NA	NA
5/ 3	70	59	65	-2	11	41	0.20	70	61	66	0.08	NA	NA
5/ 4	70	54	62	-5	13	53	0.27	67	62	65	0.05	NA	NA
5/ 5	78	53	66	-2	19	69	0.00	79	57	68	0.21	NA	NA
5/ 6	85	53	69	1	28	88	0.00	79	57	68	0.21	NA	NA
5/ 7	88	54	71	3	39	109	0.00	88	61	75	0.21	NA	NA
5/ 8	88	60	74	6	53	133	0.00	87	63	75	0.27	NA	NA
5/ 9	90	59	75	6	68	158	0.00	87	63	75	0.29	NA	NA
5/10	86	59	73	4	81	181	0.00	87	66	77	0.27	NA	NA
5/11	84	63	74	5	95	205	0.00	87	70	79	0.21	NA	NA
5/12	82	64	73	4	108	228	0.15	82	71	77	0.19	NA	NA
5/13	80	58	69	-1	117	247	0.25	84	69	77	0.22	NA	NA
5/14	72	55	64	-6	121	261	0.82	76	66	71	0.26	NA	NA
5/15	75	52	64	-6	125	275	0.00	79	63	71	0.17	NA	NA
5/16	81	52	67	-3	132	292	0.00	81	63	72	0.18	NA	NA
5/17	83	54	69	-1	141	311	0.00	83	66	75	0.19	NA	NA
5/18	85	62	74	3	155	335	0.50	83	67	75	0.38	NA	NA
5/19	84	62	73	2	168	358	0.05	83	66	75	0.07	NA	NA
5/20	77	54	66	-5	174	374	0.18	80	66	73	0.27	NA	NA
5/21	74	48	61	-10	175	385	0.00	79	63	71	0.24	NA	NA
5/22	68	45	57	-15	175	392	0.00	79	61	70	0.21	NA	NA
5/23	74	45	60	-12	175	402	0.00	81	61	71	0.22	NA	NA
5/24	81	46	64	-8	179	416	0.00	83	63	73	0.22	NA	NA
5/25	85	56	71	-1	190	437	0.00	85	73	79	0.20	NA	NA
5/26	73	63	68	-4	198	455	0.21	75	67	71	0.21	NA	NA
5/27	79	60	70	-3	208	475	Trace	81	69	75	0.21	NA	NA
5/28	87	62	75	2	223	500	0.10	88	66	77	0.20	NA	NA
5/29	88	62	75	2	238	525	0.00	89	67	78	0.17	NA	NA
5/30	88	63	76	3	254	551	0.00	90	68	79	0.17	NA	NA
5/31	89	65	77	3	271	578	0.00	90	70	80	0.18	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 80.1 Mean Minimum= 56.6 Average= 68.3
 DFN= -2.2 DFN= -0.8 DFN= -1.5
 Highest= 90 Lowest= 45

PRECIPITATION STATISTICS (inches):

Total= 2.77 DFN= -1.40 Greatest Daily= 0.82 Rain Days= 11
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 90 Lowest= 56 Average= 73

AVERAGE DAILY VALUES:

 Pan Evaporation= .20 (in)

Daily Weather Observations: Chilton Area Horticulture Substation, Clanton

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
6/ 1	90	60	75	1	15	25	0.00	88	70	79	0.22	NA	NA
6/ 2	80	53	67	-7	22	42	0.00	92	70	81	0.24	NA	NA
6/ 3	86	54	70	-4	32	62	0.00	93	66	80	0.31	NA	NA
6/ 4	89	62	76	1	48	88	0.00	94	71	83	0.31	NA	NA
6/ 5	89	72	81	6	69	119	0.00	95	71	83	0.29	NA	NA
6/ 6	89	66	78	3	87	147	0.00	95	71	83	0.28	NA	NA
6/ 7	92	66	79	4	106	176	0.00	95	73	84	0.29	NA	NA
6/ 8	93	66	80	5	126	206	0.00	98	78	88	0.32	NA	NA
6/ 9	95	71	83	7	149	239	0.00	99	79	89	0.31	NA	NA
6/10	94	69	82	6	171	271	0.00	100	78	89	0.29	NA	NA
6/11	94	68	81	5	192	302	0.00	98	80	89	0.34	NA	NA
6/12	94	68	81	5	213	333	0.03	98	80	89	0.30	NA	NA
6/13	95	66	81	5	234	364	0.00	98	80	89	0.29	NA	NA
6/14	95	66	81	4	255	395	0.00	98	80	89	0.30	NA	NA
6/15	90	68	79	2	274	424	0.00	94	80	87	0.30	NA	NA
6/16	90	66	78	1	292	452	1.02	92	75	84	NA	NA	NA
6/17	91	66	79	2	311	481	0.00	92	74	83	0.32	NA	NA
6/18	92	64	78	1	329	509	0.00	95	71	83	0.35	NA	NA
6/19	92	65	79	2	348	538	0.00	96	74	85	0.28	NA	NA
6/20	88	65	77	-1	365	565	0.00	96	78	87	0.27	NA	NA
6/21	93	65	79	1	384	594	0.00	97	82	90	0.29	NA	NA
6/22	82	67	75	-3	399	619	0.78	88	78	83	0.29	NA	NA
6/23	83	64	74	-4	413	643	0.00	86	75	81	0.22	NA	NA
6/24	88	65	77	-1	430	670	0.00	90	72	81	0.20	NA	NA
6/25	87	70	79	1	449	699	0.35	86	75	81	0.30	NA	NA
6/26	84	68	76	-3	465	725	0.09	87	72	80	0.28	NA	NA
6/27	88	67	78	-1	483	753	Trace	90	74	82	0.26	NA	NA
6/28	87	68	78	-1	501	781	0.64	90	74	82	0.24	NA	NA
6/29	89	69	79	0	520	810	0.00	90	72	81	0.30	NA	NA
6/30	89	69	79	0	539	839	1.25	85	74	80	0.32	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 89.6 Mean Minimum= 65.8 Average= 77.7
 DFN= +1.1 DFN= +1.2 DFN= +1.1
 Highest= 95 Lowest= 53

PRECIPITATION STATISTICS (inches):

Total= 4.16 DFN= +0.45 Greatest Daily= 1.25 Rain Days= 7
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 100 Lowest= 66 Average= 84

AVERAGE DAILY VALUES:

 Pan Evaporation= .29 (in)

Daily Weather Observations: Chilton Area Horticulture Substation, Clanton

DATE	AIR TEMPERATURE			GDD			PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
7/ 1	92	69	81	2	21	31	Trace	91	75	83	0.33	NA	NA
7/ 2	92	70	81	2	42	62	0.00	91	75	83	0.28	NA	NA
7/ 3	92	70	81	2	63	93	0.00	91	75	83	0.28	NA	NA
7/ 4	95	70	83	4	86	126	0.10	95	72	84	0.18	NA	NA
7/ 5	89	72	81	2	107	157	0.00	93	74	84	0.28	NA	NA
7/ 6	91	70	81	2	128	188	0.00	93	75	84	0.28	NA	NA
7/ 7	96	70	83	4	151	221	0.00	97	74	86	NA	NA	NA
7/ 8	96	70	83	4	174	254	0.00	99	84	92	0.35	NA	NA
7/ 9	94	67	81	2	195	285	1.03	98	79	89	0.40	NA	NA
7/10	89	67	78	-2	213	313	0.00	95	75	85	0.12	NA	NA
7/11	92	67	80	0	233	343	0.00	94	78	86	0.12	NA	NA
7/12	92	68	80	0	253	373	0.00	95	81	88	0.12	NA	NA
7/13	92	67	80	0	273	403	0.00	89	74	82	NA	NA	NA
7/14	89	71	80	0	293	433	0.00	94	79	87	0.28	NA	NA
7/15	90	70	80	0	313	463	0.00	95	78	87	0.25	NA	NA
7/16	93	70	82	2	335	495	0.00	96	79	88	0.29	NA	NA
7/17	94	71	83	3	358	528	0.00	97	81	89	0.23	NA	NA
7/18	95	72	84	4	382	562	0.00	97	81	89	0.24	NA	NA
7/19	97	75	86	6	408	598	0.00	98	84	91	0.24	NA	NA
7/20	95	72	84	4	432	632	0.68	94	81	88	0.27	NA	NA
7/21	96	72	84	4	456	666	0.00	93	74	84	0.25	NA	NA
7/22	97	73	85	5	481	701	0.00	94	77	86	0.29	NA	NA
7/23	98	73	86	6	507	737	0.00	95	80	88	0.31	NA	NA
7/24	95	74	85	5	532	772	0.00	98	86	92	0.27	NA	NA
7/25	95	74	85	5	557	807	0.00	97	86	92	0.27	NA	NA
7/26	98	72	85	5	582	842	0.00	96	81	89	0.27	NA	NA
7/27	98	72	85	5	607	877	0.00	101	85	93	0.27	NA	NA
7/28	99	72	86	6	633	913	0.10	101	85	93	0.30	NA	NA
7/29	98	70	84	4	657	947	0.22	98	83	91	0.22	NA	NA
7/30	96	71	84	4	681	981	0.34	94	80	87	0.29	NA	NA
7/31	95	66	81	1	702	1012	0.00	95	80	88	0.32	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 94.2 Mean Minimum= 70.5 Average= 82.4
 DFN= +3.5 DFN= +2.3 DFN= +2.9
 Highest= 99 Lowest= 66

PRECIPITATION STATISTICS (inches):

Total= 2.47 DFN= -2.65 Greatest Daily= 1.03 Rain Days= 6
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 101 Lowest= 72 Average= 87

AVERAGE DAILY VALUES:

 Pan Evaporation= .26 (in)

Daily Weather Observations: Chilton Area Horticulture Substation, Clanton

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
8/ 1	95	64	80	0	20	30	0.00	97	80	89	0.32	NA	NA
8/ 2	93	68	81	1	41	61	Trace	92	81	87	0.12	NA	NA
8/ 3	90	71	81	1	62	92	0.35	89	78	84	0.20	NA	NA
8/ 4	88	70	79	-1	81	121	0.03	89	79	84	0.15	NA	NA
8/ 5	86	67	77	-3	98	148	2.20	85	78	82	0.30	NA	NA
8/ 6	86	65	76	-4	114	174	0.47	88	78	83	0.28	NA	NA
8/ 7	83	65	74	-6	128	198	0.23	81	78	80	0.10	NA	NA
8/ 8	83	65	74	-6	142	222	1.20	81	78	80	NA	NA	NA
8/ 9	86	68	77	-3	159	249	0.00	87	77	82	NA	NA	NA
8/10	90	68	79	-1	178	278	0.00	90	75	83	0.23	NA	NA
8/11	90	68	79	-1	197	307	0.00	91	77	84	0.25	NA	NA
8/12	90	68	79	-1	216	336	0.00	92	75	84	0.27	NA	NA
8/13	91	68	80	0	236	366	0.00	92	77	85	0.21	NA	NA
8/14	91	70	81	2	257	397	0.89	91	76	84	0.21	NA	NA
8/15	92	70	81	2	278	428	0.00	91	78	85	0.21	NA	NA
8/16	92	73	83	4	301	461	0.00	91	80	86	0.21	NA	NA
8/17	93	72	83	4	324	494	0.00	93	78	86	0.33	NA	NA
8/18	96	74	85	6	349	529	0.00	94	84	89	0.21	NA	NA
8/19	93	72	83	4	372	562	0.00	90	76	83	0.21	NA	NA
8/20	95	72	84	5	396	596	0.00	95	77	86	0.22	NA	NA
8/21	95	72	84	5	420	630	0.00	96	77	87	0.21	NA	NA
8/22	93	70	82	3	442	662	0.43	96	77	87	NA	NA	NA
8/23	93	70	82	3	464	694	0.00	95	77	86	0.22	NA	NA
8/24	92	72	82	3	486	726	0.22	90	79	85	0.11	NA	NA
8/25	90	72	81	3	507	757	0.00	92	78	85	0.18	NA	NA
8/26	91	70	81	3	528	788	0.00	90	77	84	0.20	NA	NA
8/27	93	70	82	4	550	820	0.00	93	77	85	0.30	NA	NA
8/28	93	70	82	4	572	852	0.00	94	77	86	0.20	NA	NA
8/29	92	70	81	3	593	883	0.62	94	77	86	NA	NA	NA
8/30	92	70	81	3	614	914	0.00	93	77	85	NA	NA	NA
8/31	89	70	80	2	634	944	0.00	91	77	84	0.18	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 90.8 Mean Minimum= 69.5 Average= 80.2
 DFN= +0.5 DFN= +2.3 DFN= +1.4
 Highest= 96 Lowest= 64

PRECIPITATION STATISTICS (inches):

Total= 6.64 DFN= +2.55 Greatest Daily= 2.20 Rain Days= 10
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 97 Lowest= 75 Average= 84

AVERAGE DAILY VALUES:

 Pan Evaporation= .22 (in)

Daily Weather Observations: Chilton Area Horticulture Substation, Clanton

DATE	AIR TEMPERATURE				GDD			PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	MAX		MIN	MEAN				
9/ 1	92	71	82	4	22	32	0.00	92	80	86	0.20	NA	NA	
9/ 2	92	70	81	3	43	63	0.07	90	81	86	0.07	NA	NA	
9/ 3	92	70	81	4	64	94	0.12	86	80	83	0.12	NA	NA	
9/ 4	88	70	79	2	83	123	2.39	86	80	83	NA	NA	NA	
9/ 5	88	68	78	1	101	151	0.00	85	80	83	0.22	NA	NA	
9/ 6	87	66	77	0	118	178	0.00	85	79	82	0.29	NA	NA	
9/ 7	88	63	76	-1	134	204	0.00	85	79	82	0.28	NA	NA	
9/ 8	83	64	74	-3	148	228	0.17	83	77	80	0.07	NA	NA	
9/ 9	85	65	75	-1	163	253	0.00	84	74	79	0.24	NA	NA	
9/10	87	67	77	1	180	280	0.00	81	73	77	0.19	NA	NA	
9/11	85	63	74	-2	194	304	0.00	81	73	77	0.20	NA	NA	
9/12	86	57	72	-4	206	326	0.00	81	71	76	0.22	NA	NA	
9/13	87	57	72	-3	218	348	0.00	82	71	77	0.22	NA	NA	
9/14	88	70	79	4	237	377	0.00	85	70	78	0.19	NA	NA	
9/15	89	69	79	4	256	406	0.35	86	78	82	0.20	NA	NA	
9/16	83	69	76	2	272	432	0.52	79	70	75	0.15	NA	NA	
9/17	84	68	76	2	288	458	0.00	81	71	76	0.11	NA	NA	
9/18	85	61	73	-1	301	481	0.00	83	79	81	0.20	NA	NA	
9/19	89	61	75	2	316	506	0.00	86	81	84	0.21	NA	NA	
9/20	88	62	75	2	331	531	0.00	86	82	84	0.21	NA	NA	
9/21	88	64	76	4	347	557	0.00	78	70	74	0.14	NA	NA	
9/22	91	61	76	4	363	583	0.00	85	69	77	0.26	NA	NA	
9/23	89	58	74	2	377	607	0.00	85	67	76	0.30	NA	NA	
9/24	90	58	74	2	391	631	0.00	86	69	78	0.21	NA	NA	
9/25	90	60	75	4	406	656	0.00	87	70	79	0.24	NA	NA	
9/26	90	60	75	4	421	681	0.00	87	72	80	0.24	NA	NA	
9/27	86	62	74	3	435	705	0.53	87	72	80	0.20	NA	NA	
9/28	74	47	61	-9	436	716	0.00	85	70	78	0.21	NA	NA	
9/29	79	48	64	-6	440	730	0.00	79	67	73	0.20	NA	NA	
9/30	80	52	66	-3	446	746	0.00	80	70	75	0.27	NA	NA	

AIR TEMPERATURES (in degrees F):

Mean Maximum= 86.8 Mean Minimum= 62.7 Average= 74.7
 DFN= +1.1 DFN= +0.7 DFN= +0.9
 Highest= 92 Lowest= 47

PRECIPITATION STATISTICS (inches):

Total= 4.15 DFN= -0.41 Greatest Daily= 2.39 Rain Days= 7
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 92 Lowest= 67 Average= 79

AVERAGE DAILY VALUES:

 Pan Evaporation= .20 (in)

Daily Weather Observations: Chilton Area Horticulture Substation, Clanton

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
10/ 1	74	48	61	-7	1	11	0.00	77	66	72	0.26	NA	NA
10/ 2	78	48	63	-5	4	24	0.00	78	69	74	0.20	NA	NA
10/ 3	80	50	65	-3	9	39	0.00	80	69	75	0.21	NA	NA
10/ 4	83	50	67	0	16	56	0.00	80	69	75	0.21	NA	NA
10/ 5	83	48	66	-1	22	72	0.00	80	68	74	0.20	NA	NA
10/ 6	85	49	67	0	29	89	0.00	85	60	73	0.17	NA	NA
10/ 7	85	56	71	5	40	110	0.00	NA	72	NA	0.17	NA	NA
10/ 8	82	55	69	3	49	129	0.00	81	72	77	0.24	NA	NA
10/ 9	85	50	68	3	57	147	0.00	81	70	76	0.20	NA	NA
10/10	85	50	68	3	65	165	Trace	82	70	76	0.14	NA	NA
10/11	62	41	52	-12	65	167	0.00	80	68	74	0.14	NA	NA
10/12	68	40	54	-10	65	171	0.00	73	63	68	0.23	NA	NA
10/13	71	40	56	-7	65	177	0.00	74	60	67	0.13	NA	NA
10/14	76	43	60	-3	65	187	0.07	75	65	70	0.09	NA	NA
10/15	66	56	61	-1	66	198	0.13	71	69	70	0.08	NA	NA
10/16	74	61	68	6	74	216	0.17	76	66	71	NA	NA	NA
10/17	79	62	71	9	85	237	Trace	74	71	73	0.09	NA	NA
10/18	79	64	72	11	97	259	Trace	74	71	73	0.08	NA	NA
10/19	80	64	72	11	109	281	0.00	73	68	71	0.05	NA	NA
10/20	84	64	74	13	123	305	0.00	73	70	72	0.12	NA	NA
10/21	84	65	75	15	138	330	0.07	77	69	73	0.04	NA	NA
10/22	74	47	61	1	139	341	0.06	75	68	72	0.04	NA	NA
10/23	55	47	51	-9	139	342	0.25	74	61	68	NA	NA	NA
10/24	73	50	62	3	141	354	0.00	74	65	70	0.07	NA	NA
10/25	73	54	64	5	145	368	0.00	73	65	69	0.08	NA	NA
10/26	72	54	63	4	148	381	0.00	70	65	68	0.09	NA	NA
10/27	78	50	64	6	152	395	0.00	73	63	68	0.11	NA	NA
10/28	76	38	57	-1	152	402	0.00	71	61	66	0.07	NA	NA
10/29	68	37	53	-4	152	405	0.00	69	61	65	0.15	NA	NA
10/30	58	44	51	-6	152	406	2.20	63	62	63	NA	NA	NA
10/31	57	33	45	-12	152	406	0.00	60	55	58	0.10	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 75.1 Mean Minimum= 50.3 Average= 62.7
 DFN= -1.0 DFN= +2.0 DFN= +0.5
 Highest= 85 Lowest= 33

PRECIPITATION STATISTICS (inches):

Total= 2.95 DFN= +0.16 Greatest Daily= 2.20 Rain Days= 7
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 85 Lowest= 55 Average= 70

AVERAGE DAILY VALUES:

 Pan Evaporation= .13 (in)

Daily Weather Observations: Chilton Area Horticulture Substation, Clanton

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
11/ 1	41	27	34	-22	0	0	0.00	NA	57	NA	NA	NA	NA
11/ 2	52	28	40	-16	0	0	0.00	57	49	53	NA	NA	NA
11/ 3	59	28	44	-12	0	0	0.00	57	50	54	NA	NA	NA
11/ 4	65	34	50	-5	0	0	Trace	59	49	54	0.05	NA	NA
11/ 5	68	53	61	6	1	11	1.91	63	57	60	NA	NA	NA
11/ 6	76	40	58	3	1	19	0.63	64	55	60	NA	NA	NA
11/ 7	53	27	40	-15	1	19	0.00	66	48	57	NA	NA	NA
11/ 8	52	29	41	-13	1	19	0.00	58	48	53	NA	NA	NA
11/ 9	63	34	49	-5	1	19	0.00	58	51	55	0.12	NA	NA
11/10	53	35	44	-10	1	19	0.00	55	38	47	0.03	NA	NA
11/11	67	35	51	-2	1	20	0.00	60	54	57	0.15	NA	NA
11/12	68	35	52	-1	1	22	0.00	58	54	56	0.08	NA	NA
11/13	70	40	55	2	1	27	0.00	60	54	57	0.15	NA	NA
11/14	77	43	60	7	1	37	0.00	63	54	59	0.13	NA	NA
11/15	80	60	70	18	11	57	1.60	65	54	60	0.10	NA	NA
11/16	80	60	70	18	21	77	1.25	65	65	65	NA	NA	NA
11/17	77	62	70	18	31	97	0.00	68	65	67	0.35	NA	NA
11/18	70	45	58	6	31	105	0.05	68	62	65	0.20	NA	NA
11/19	54	38	46	-5	31	105	0.00	61	58	60	0.06	NA	NA
11/20	57	40	49	-2	31	105	0.00	58	55	57	0.09	NA	NA
11/21	60	33	47	-4	31	105	0.00	58	52	55	0.09	NA	NA
11/22	62	34	48	-2	31	105	0.00	59	52	56	0.10	NA	NA
11/23	69	34	52	2	31	107	0.00	57	49	53	0.08	NA	NA
11/24	69	34	52	2	31	109	0.00	58	51	55	0.09	NA	NA
11/25	69	36	53	4	31	112	0.00	56	51	54	0.09	NA	NA
11/26	70	36	53	4	31	115	0.00	58	51	55	0.09	NA	NA
11/27	70	39	55	6	31	120	0.01	59	51	55	0.10	NA	NA
11/28	57	29	43	-6	31	120	0.00	59	51	55	NA	NA	NA
11/29	55	30	43	-5	31	120	0.00	58	51	55	0.05	NA	NA
11/30	68	31	50	2	31	120	0.00	54	49	52	0.10	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 64.4 Mean Minimum= 37.6 Average= 51.0
 DFN= -1.0 DFN= -0.9 DFN= -1.0
 Highest= 80 Lowest= 27

PRECIPITATION STATISTICS (inches):

Total= 5.45 DFN= +2.00 Greatest Daily= 1.91 Rain Days= 6
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 68 Lowest= 38 Average= 56

AVERAGE DAILY VALUES:

 Pan Evaporation= .11 (in)

Daily Weather Observations: Chilton Area Horticulture Substation, Clanton

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
12/ 1	69	31	50	2	0	0	0.00	57	51	54	0.14	NA	NA
12/ 2	64	41	53	5	0	3	0.00	55	48	52	0.06	NA	NA
12/ 3	63	41	52	4	0	5	0.00	53	50	52	0.07	NA	NA
12/ 4	63	46	55	8	0	10	0.00	55	54	55	0.07	NA	NA
12/ 5	68	46	57	10	0	17	0.89	55	54	55	0.07	NA	NA
12/ 6	61	42	52	5	0	19	0.00	58	54	56	NA	NA	NA
12/ 7	59	34	47	0	0	19	0.00	55	51	53	0.05	NA	NA
12/ 8	61	34	48	1	0	19	0.00	55	48	52	0.13	NA	NA
12/ 9	66	39	53	7	0	22	0.00	56	49	53	0.07	NA	NA
12/10	69	42	56	10	0	28	0.40	54	49	52	0.07	NA	NA
12/11	62	38	50	4	0	28	0.29	56	48	52	0.09	NA	NA
12/12	51	26	39	-7	0	28	0.00	52	48	50	NA	NA	NA
12/13	52	28	40	-6	0	28	0.00	52	49	51	NA	NA	NA
12/14	55	40	48	3	0	28	1.05	50	46	48	0.12	NA	NA
12/15	51	39	45	0	0	28	0.11	51	46	49	0.08	NA	NA
12/16	45	39	42	-3	0	28	0.00	48	48	48	0.05	NA	NA
12/17	48	33	41	-4	0	28	0.00	48	47	48	0.04	NA	NA
12/18	49	35	42	-3	0	28	0.00	48	47	48	0.04	NA	NA
12/19	51	39	45	1	0	28	0.00	49	48	49	0.04	NA	NA
12/20	55	39	47	3	0	28	0.04	49	49	49	0.04	NA	NA
12/21	47	35	41	-3	0	28	0.53	48	48	48	0.02	NA	NA
12/22	48	33	41	-3	0	28	0.00	48	45	47	0.08	NA	NA
12/23	37	35	36	-8	0	28	0.16	46	45	46	NA	NA	NA
12/24	43	28	36	-8	0	28	0.00	47	42	45	0.13	NA	NA
12/25	37	29	33	-11	0	28	0.00	43	43	43	0.16	NA	NA
12/26	49	21	35	-9	0	28	0.00	46	43	45	0.07	NA	NA
12/27	56	21	39	-5	0	28	0.00	49	43	46	0.08	NA	NA
12/28	64	38	51	7	0	29	0.00	49	43	46	0.10	NA	NA
12/29	70	43	57	13	0	36	0.10	52	41	47	NA	NA	NA
12/30	44	26	35	-9	0	36	0.00	53	41	47	0.06	NA	NA
12/31	38	19	29	-14	0	36	0.00	47	41	44	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 54.7 Mean Minimum= 34.8 Average= 44.8
 DFN= -2.4 DFN= +1.8 DFN= -0.3
 Highest= 70 Lowest= 19

PRECIPITATION STATISTICS (inches):

Total= 3.57 DFN= -1.98 Greatest Daily= 1.05 Rain Days= 9
 Daily precipitation amount of Trace is less than .01 inch.

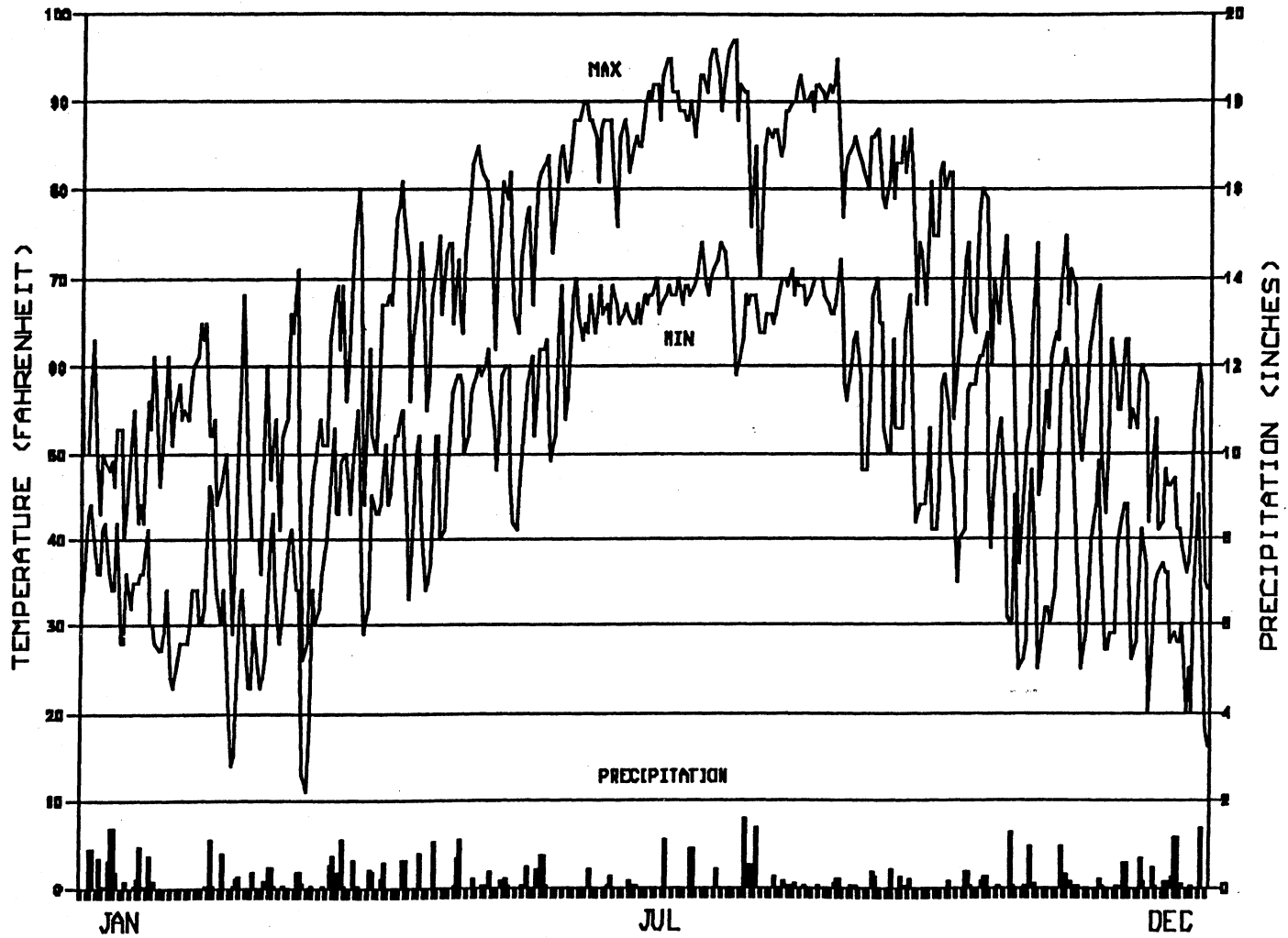
SOIL TEMPERATURES (in degrees F):

Highest= 58 Lowest= 41 Average= 49

AVERAGE DAILY VALUES:

 Pan Evaporation= .08 (in)

Sand Mountain Substation, Crossville
Daily Precipitation, Maximum and Minimum Temperature
January 1 - December 31 1993



Monthly precipitation summary: Sand Mountain Substation, Crossville

For the period: Sunday January 1, 1984
to: Thursday December 31, 1992

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1984	4.49	3.60	5.30	5.71	6.98	1.73	8.30	3.64	0.15	5.09	3.62	2.45	51.06
	-0.73	-1.49	-1.38	0.38	2.47	-2.04	4.32	0.41	-4.48	2.20	-0.46	-2.99	-3.79
1985	3.43	6.18	2.11	2.93	4.28	4.37	19.39	6.21	2.67	5.28	3.36	2.43	62.64
	-1.79	1.29	-4.57	-2.40	-0.23	0.60	15.41	2.98	-1.96	2.39	-0.72	-3.01	7.99
1986	1.71	2.72	1.94	0.96	4.67	2.24	2.64	5.55	1.60	5.71	6.80	2.82	39.36
	-3.51	-2.17	-4.74	-4.37	0.16	-1.53	-1.34	2.32	-3.03	2.82	2.72	-2.62	-15.29
1987	5.39	5.72	4.98	1.93	4.31	4.29	1.91	2.13	1.19	0.64	2.72	4.87	40.08
	0.17	0.83	-1.70	-3.40	-0.20	0.52	-2.07	-1.10	-3.44	-2.25	-1.36	-0.57	-14.57
1988	5.03	2.15	2.15	4.39	2.26	0.60	2.68	6.01	9.26	2.13	6.00	2.57	45.23
	-0.19	-2.94	-4.53	-0.94	-2.25	-3.17	-1.30	2.78	4.63	-0.76	1.92	-2.87	-9.62
1989	6.28	7.70	5.81	3.33	3.36	8.27	9.07	1.76	8.90	2.23	5.83	4.06	66.60
	1.06	2.81	-0.87	-2.00	-1.15	4.50	5.09	-1.47	4.27	-0.66	1.75	-1.38	11.95
1990	7.85	10.21	7.36	3.43	4.10	3.47	2.01	1.97	3.87	3.43	3.82	7.15	58.67
	2.63	5.32	0.68	-1.90	-0.41	-0.30	-1.97	-1.26	-0.76	0.54	-0.26	1.71	4.02
1991	3.33	5.36	5.97	6.19	4.93	5.48	2.87	3.13	3.31	0.00	3.83	5.92	50.32
	-1.89	0.47	-0.71	0.86	0.42	1.71	-1.11	-0.10	-1.32	-2.89	-0.25	0.48	-4.33
1992	3.05	5.92	4.23	2.23	2.08	5.69	5.46	4.46	4.30	3.06	8.11	5.72	54.31
	-2.17	0.83	-2.45	-3.10	-2.43	1.92	1.48	1.23	-0.33	0.17	4.03	0.28	-0.54

SUMMARY FOR 1984 TO 1992													
	5.22	5.09	6.68	5.33	4.51	3.77	3.98	3.23	4.63	2.89	4.08	5.44	54.85
	-6.42	4.95	-20.27	-16.87	-3.62	2.21	18.51	5.79	-6.42	1.56	7.37	-10.97	-24.18

YEARLY TOTALS: LINE 1 OBSERVED MONTHLY RAIN TOTALS
LINE 2 DEPARTURE FROM NORMAL (DFN)
SUMMARY TOTALS: LINE 1 NORMAL MONTHLY RAIN TOTALS
LINE 2 CUMULATIVE MONTHLY DFN

NOTE: All Precip normals are based on the 1951-80 period.
Missing MONTHLY or YEARLY totals are NOT included
in the summary totals!

Daily Weather Observations: Sand Mountain Substation, Crossville

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
1/ 1	61	32	47	6	0	0	0.00	53	47	50	0.03	NA	NA
1/ 2	50	34	42	1	0	0	0.00	52	45	49	0.07	NA	NA
1/ 3	50	43	47	7	0	0	0.00	47	45	46	0.13	NA	NA
1/ 4	58	44	51	11	0	1	0.00	53	46	50	0.07	NA	NA
1/ 5	63	41	52	12	0	3	0.89	54	48	51	NA	NA	NA
1/ 6	48	36	42	2	0	3	0.00	55	47	51	0.08	NA	NA
1/ 7	43	36	40	0	0	3	0.00	49	47	48	0.02	NA	NA
1/ 8	50	41	46	6	0	3	0.64	49	47	48	0.03	NA	NA
1/ 9	49	42	46	6	0	3	0.02	52	47	50	0.04	NA	NA
1/10	48	36	42	2	0	3	0.01	50	49	50	NA	NA	NA
1/11	49	34	42	2	0	3	0.62	49	47	48	NA	NA	NA
1/12	46	34	40	0	0	3	1.33	47	47	47	NA	NA	NA
1/13	53	42	48	8	0	3	0.33	50	47	49	NA	NA	NA
1/14	53	28	41	1	0	3	0.00	53	41	47	0.07	NA	NA
1/15	40	28	34	-6	0	3	0.00	44	41	43	0.10	NA	NA
1/16	43	36	40	0	0	3	0.13	43	42	43	0.06	NA	NA
1/17	51	32	42	2	0	3	0.00	50	40	45	0.04	NA	NA
1/18	55	35	45	5	0	3	0.00	50	40	45	NA	NA	NA
1/19	42	35	39	-1	0	3	0.02	44	43	44	0.03	NA	NA
1/20	44	36	40	0	0	3	0.19	45	43	44	0.04	NA	NA
1/21	42	36	39	-1	0	3	0.96	43	43	43	0.03	NA	NA
1/22	56	41	49	9	0	3	0.04	47	43	45	NA	NA	NA
1/23	53	30	42	2	0	3	0.00	51	40	46	0.04	NA	NA
1/24	61	30	46	6	0	3	0.71	52	40	46	0.16	NA	NA
1/25	58	28	43	3	0	3	0.12	50	40	45	NA	NA	NA
1/26	46	27	37	-3	0	3	0.00	45	38	42	NA	NA	NA
1/27	50	27	39	-1	0	3	0.00	47	38	43	NA	NA	NA
1/28	55	29	42	1	0	3	0.00	47	38	43	0.07	NA	NA
1/29	61	34	48	7	0	3	0.00	48	38	43	0.09	NA	NA
1/30	51	24	38	-3	0	3	0.00	47	38	43	0.07	NA	NA
1/31	55	23	39	-2	0	3	0.00	48	37	43	0.07	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 51.1 Mean Minimum= 34.0 Average= 42.5
 DFN= +1.7 DFN= +3.6 DFN= +2.7
 Highest= 63 Lowest= 23

PRECIPITATION STATISTICS (inches):

Total= 6.01 DFN= +0.79 Greatest Daily= 1.33 Rain Days= 14
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 55 Lowest= 37 Average= 46

AVERAGE DAILY VALUES:

 Pan Evaporation= .06 (in)

Daily Weather Observations: Sand Mountain Substation, Crossville

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
2/ 1	58	26	42	1	0	0	0.00	47	37	42	0.14	NA	NA
2/ 2	54	28	41	0	0	0	0.00	48	38	43	NA	NA	NA
2/ 3	55	28	42	1	0	0	0.00	48	38	43	0.15	NA	NA
2/ 4	54	28	41	-1	0	0	0.00	48	38	43	0.08	NA	NA
2/ 5	58	30	44	2	0	0	0.00	48	38	43	0.08	NA	NA
2/ 6	60	34	47	5	0	0	0.00	50	40	45	0.10	NA	NA
2/ 7	61	34	48	6	0	0	0.00	53	41	47	0.16	NA	NA
2/ 8	65	30	48	6	0	0	0.00	53	41	47	0.15	NA	NA
2/ 9	63	30	47	5	0	0	0.00	54	41	48	0.13	NA	NA
2/10	65	32	49	7	0	0	0.00	55	42	49	0.11	NA	NA
2/11	52	46	49	6	0	0	0.03	50	48	49	0.08	NA	NA
2/12	52	45	49	6	0	0	1.11	48	48	48	NA	NA	NA
2/13	54	39	47	4	0	0	0.04	51	48	50	0.03	NA	NA
2/14	44	34	39	-4	0	0	0.00	53	48	51	0.05	NA	NA
2/15	46	30	38	-5	0	0	0.00	51	42	47	0.09	NA	NA
2/16	48	34	41	-2	0	0	0.77	45	42	44	0.08	NA	NA
2/17	50	29	40	-4	0	0	0.00	46	39	43	0.07	NA	NA
2/18	36	18	27	-17	0	0	0.00	43	37	40	NA	NA	NA
2/19	29	14	22	-22	0	0	0.00	41	35	38	NA	NA	NA
2/20	38	15	27	-17	0	0	0.02	36	35	36	NA	NA	NA
2/21	57	32	45	1	0	0	0.17	46	35	41	NA	NA	NA
2/22	68	34	51	6	0	1	0.25	53	45	49	0.08	NA	NA
2/23	52	26	39	-6	0	1	0.00	51	40	46	0.15	NA	NA
2/24	45	23	34	-11	0	1	0.00	47	38	43	NA	NA	NA
2/25	40	23	32	-13	0	1	0.00	43	38	41	0.01	NA	NA
2/26	40	30	35	-11	0	1	0.35	40	38	39	0.08	NA	NA
2/27	40	25	33	-13	0	1	0.00	40	37	39	NA	NA	NA
2/28	36	23	30	-16	0	1	0.00	42	36	39	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 50.7 Mean Minimum= 29.3 Average= 40.0
 DFN= -3.2 DFN= -3.1 DFN= -3.1
 Highest= 68 Lowest= 14

PRECIPITATION STATISTICS (inches):

Total= 2.74 DFN= -2.15 Greatest Daily= 1.11 Rain Days= 8
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 55 Lowest= 35 Average= 44

AVERAGE DAILY VALUES:

 Pan Evaporation= .10 (in)

Daily Weather Observations: Sand Mountain Substation, Crossville

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
3/ 1	49	24	37	-9	0	0	0.00	47	36	42	NA	NA	NA
3/ 2	60	26	43	-4	0	0	0.11	51	37	44	NA	NA	NA
3/ 3	47	40	44	-3	0	0	0.48	45	44	45	0.07	NA	NA
3/ 4	51	43	47	0	0	0	0.45	47	44	46	0.05	NA	NA
3/ 5	54	34	44	-3	0	0	0.03	47	43	45	0.04	NA	NA
3/ 6	41	28	35	-13	0	0	0.00	43	39	41	NA	NA	NA
3/ 7	52	30	41	-7	0	0	0.00	52	39	46	0.07	NA	NA
3/ 8	54	37	46	-2	0	0	0.05	48	39	44	0.02	NA	NA
3/ 9	66	40	53	4	0	3	0.00	56	40	48	0.17	NA	NA
3/10	64	41	53	4	0	6	0.00	57	44	51	0.11	NA	NA
3/11	71	34	53	4	0	9	0.00	59	44	52	0.12	NA	NA
3/12	50	34	42	-8	0	9	0.00	53	43	48	0.13	NA	NA
3/13	38	25	32	-18	0	9	0.34	44	NA	NA	NA	NA	NA
3/14	26	13	20	-30	0	9	0.08	NA	38	NA	NA	NA	NA
3/15	28	11	20	-30	0	9	0.00	37	37	37	NA	NA	NA
3/16	43	18	31	-20	0	9	0.00	37	36	37	NA	NA	NA
3/17	47	34	41	-10	0	9	0.06	44	36	40	NA	NA	NA
3/18	49	30	40	-11	0	9	0.00	46	39	43	NA	NA	NA
3/19	54	32	43	-9	0	9	0.00	52	40	46	NA	NA	NA
3/20	51	36	44	-8	0	9	0.00	49	40	45	0.18	NA	NA
3/21	51	40	46	-7	0	9	0.05	46	40	43	0.04	NA	NA
3/22	63	44	54	1	0	13	0.00	56	45	51	0.10	NA	NA
3/23	68	53	61	8	1	24	0.49	57	50	54	0.05	NA	NA
3/24	69	43	56	2	1	30	0.73	61	51	56	0.02	NA	NA
3/25	62	43	53	-1	1	33	0.01	63	50	57	0.12	NA	NA
3/26	69	49	59	5	1	42	0.32	59	51	55	0.11	NA	NA
3/27	56	50	53	-2	1	45	1.06	55	53	54	0.06	NA	NA
3/28	60	47	54	-1	1	49	0.01	59	51	55	0.08	NA	NA
3/29	67	43	55	0	1	54	0.00	63	50	57	0.17	NA	NA
3/30	74	48	61	5	2	65	0.00	64	50	57	0.17	NA	NA
3/31	80	55	68	12	10	83	0.61	67	53	60	0.19	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 55.3 Mean Minimum= 36.3 Average= 45.8
 DFN= -6.7 DFN= -3.3 DFN= -5.0
 Highest= 80 Lowest= 11

PRECIPITATION STATISTICS (inches):

Total= 4.88 DFN= -1.80 Greatest Daily= 1.06 Rain Days= 16
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 67 Lowest= 36 Average= 48

AVERAGE DAILY VALUES:

 Pan Evaporation= .10 (in)

Daily Weather Observations: Sand Mountain Substation, Crossville

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
4/ 1	75	49	62	6	2	12	0.01	65	55	60	0.12	NA	NA
4/ 2	55	35	45	-12	2	12	0.00	56	47	52	0.08	NA	NA
4/ 3	44	29	37	-20	2	12	0.00	52	42	47	0.13	NA	NA
4/ 4	62	32	47	-10	2	12	0.00	60	42	51	0.08	NA	NA
4/ 5	52	45	49	-9	2	12	0.40	53	49	51	NA	NA	NA
4/ 6	50	43	47	-11	2	12	0.36	53	50	52	0.03	NA	NA
4/ 7	57	43	50	-8	2	12	0.00	57	49	53	0.07	NA	NA
4/ 8	67	44	56	-3	2	18	0.00	64	50	57	NA	NA	NA
4/ 9	67	51	59	0	2	27	0.21	61	51	56	0.02	NA	NA
4/10	68	44	56	-3	2	33	0.55	61	52	57	0.06	NA	NA
4/11	67	45	56	-4	2	39	0.00	64	52	58	0.19	NA	NA
4/12	77	52	65	5	7	54	0.00	68	52	60	0.17	NA	NA
4/13	78	52	65	5	12	69	0.00	70	57	64	0.21	NA	NA
4/14	81	54	68	8	20	87	0.00	72	58	65	0.22	NA	NA
4/15	77	55	66	5	26	103	0.00	67	59	63	0.20	NA	NA
4/16	72	43	58	-3	26	111	0.60	65	54	60	0.18	NA	NA
4/17	56	33	45	-16	26	111	0.00	58	48	53	0.21	NA	NA
4/18	63	38	51	-10	26	112	0.00	64	48	56	0.07	NA	NA
4/19	68	50	59	-3	26	121	0.00	67	54	61	0.17	NA	NA
4/20	74	52	63	1	29	134	0.00	70	54	62	0.30	NA	NA
4/21	71	42	57	-5	29	141	0.81	64	53	59	0.14	NA	NA
4/22	55	34	45	-17	29	141	0.00	60	47	54	0.14	NA	NA
4/23	58	35	47	-16	29	141	0.00	61	47	54	0.11	NA	NA
4/24	68	37	53	-10	29	144	0.00	67	48	58	0.22	NA	NA
4/25	72	52	62	-1	31	156	0.00	67	54	61	0.18	NA	NA
4/26	75	52	64	1	35	170	1.01	69	58	64	0.22	NA	NA
4/27	66	40	53	-11	35	173	0.00	67	53	60	0.19	NA	NA
4/28	73	41	57	-7	35	180	0.00	69	53	61	0.15	NA	NA
4/29	74	47	61	-3	36	191	0.00	70	55	63	0.22	NA	NA
4/30	74	52	63	-1	39	204	0.00	73	56	65	0.22	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 66.5 Mean Minimum= 44.0 Average= 55.3
 DFN= -5.9 DFN= -4.6 DFN= -5.2
 Highest= 81 Lowest= 29

PRECIPITATION STATISTICS (inches):

Total= 3.95 DFN= -1.38 Greatest Daily= 1.01 Rain Days= 8
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 73 Lowest= 42 Average= 58

AVERAGE DAILY VALUES:

 Pan Evaporation= .15 (in)

Daily Weather Observations: Sand Mountain Substation, Crossville

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
5/ 1	65	57	61	-4	1	11	0.00	63	60	62	0.05	NA	NA
5/ 2	72	59	66	1	7	27	0.03	67	60	64	0.10	NA	NA
5/ 3	66	59	63	-2	10	40	0.68	63	61	62	0.02	NA	NA
5/ 4	64	58	61	-4	11	51	1.07	61	61	61	NA	NA	NA
5/ 5	73	50	62	-4	13	63	0.00	72	60	66	0.11	NA	NA
5/ 6	79	52	66	0	19	79	0.00	75	60	68	0.23	NA	NA
5/ 7	83	57	70	4	29	99	0.00	75	62	69	0.16	NA	NA
5/ 8	85	59	72	6	41	121	0.00	79	64	72	0.18	NA	NA
5/ 9	83	60	72	6	53	143	0.18	80	65	73	0.13	NA	NA
5/10	82	59	71	4	64	164	0.00	78	65	72	0.22	NA	NA
5/11	81	60	71	4	75	185	0.00	78	65	72	0.23	NA	NA
5/12	79	62	71	4	86	206	0.05	77	66	72	0.10	NA	NA
5/13	76	57	67	0	93	223	0.06	78	66	72	0.17	NA	NA
5/14	62	53	58	-9	93	231	0.36	68	61	65	0.03	NA	NA
5/15	72	48	60	-8	93	241	0.00	75	60	68	0.20	NA	NA
5/16	76	52	64	-4	97	255	0.00	78	60	69	0.14	NA	NA
5/17	81	59	70	2	107	275	0.00	78	63	71	0.15	NA	NA
5/18	79	60	70	2	117	295	0.10	71	64	68	0.10	NA	NA
5/19	82	60	71	3	128	316	0.19	80	67	74	0.22	NA	NA
5/20	72	46	59	-10	128	325	0.04	74	61	68	0.14	NA	NA
5/21	66	42	54	-15	128	329	0.00	70	59	65	0.16	NA	NA
5/22	64	41	53	-16	128	332	0.00	69	57	63	0.09	NA	NA
5/23	72	46	59	-10	128	341	0.00	72	57	65	0.21	NA	NA
5/24	77	54	66	-4	134	357	0.00	78	60	69	0.15	NA	NA
5/25	78	58	68	-2	142	375	0.04	78	63	71	0.23	NA	NA
5/26	67	61	64	-6	146	389	0.46	68	65	67	NA	NA	NA
5/27	76	52	64	-6	150	403	0.00	76	63	70	0.14	NA	NA
5/28	81	56	69	-1	159	422	0.00	79	63	71	0.14	NA	NA
5/29	82	62	72	1	171	444	0.39	78	68	73	0.12	NA	NA
5/30	83	62	73	2	184	467	0.00	81	68	75	0.19	NA	NA
5/31	84	63	74	3	198	491	0.73	80	69	75	0.23	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 75.5 Mean Minimum= 55.6 Average= 65.6
 DFN= -3.4 DFN= -0.6 DFN= -2.0
 Highest= 85 Lowest= 41

PRECIPITATION STATISTICS (inches):

Total= 4.38 DFN= -0.13 Greatest Daily= 1.07 Rain Days= 14
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 81 Lowest= 57 Average= 68

AVERAGE DAILY VALUES:

 Pan Evaporation= .15 (in)

Daily Weather Observations: Sand Mountain Substation, Crossville

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
6/ 1	79	55	67	-4	7	17	0.03	78	65	72	0.16	NA	NA
6/ 2	73	49	61	-11	8	28	0.00	76	63	70	0.23	NA	NA
6/ 3	79	52	66	-6	14	44	0.00	78	63	71	0.17	NA	NA
6/ 4	84	64	74	2	28	68	0.00	83	66	75	0.20	NA	NA
6/ 5	85	69	77	5	45	95	0.00	83	71	77	0.16	NA	NA
6/ 6	81	54	68	-5	53	113	0.00	81	68	75	0.14	NA	NA
6/ 7	82	56	69	-4	62	132	0.00	84	68	76	0.26	NA	NA
6/ 8	88	68	78	5	80	160	0.00	86	72	79	0.22	NA	NA
6/ 9	88	70	79	6	99	189	0.00	87	73	80	0.22	NA	NA
6/10	88	66	77	4	116	216	0.00	88	74	81	0.18	NA	NA
6/11	90	63	77	3	133	243	0.00	89	74	82	0.25	NA	NA
6/12	90	65	78	4	151	271	0.00	90	74	82	0.21	NA	NA
6/13	88	64	76	2	167	297	0.00	87	74	81	0.16	NA	NA
6/14	88	68	78	4	185	325	0.00	90	74	82	0.19	NA	NA
6/15	86	64	75	1	200	350	0.37	90	75	83	0.20	NA	NA
6/16	81	66	74	-1	214	374	0.00	83	74	79	0.10	NA	NA
6/17	87	69	78	3	232	402	0.00	86	74	80	0.21	NA	NA
6/18	88	66	77	2	249	429	0.00	87	74	81	0.22	NA	NA
6/19	88	67	78	3	267	457	0.00	88	75	82	0.19	NA	NA
6/20	88	65	77	2	284	484	0.00	85	74	80	0.17	NA	NA
6/21	83	69	76	1	300	510	0.04	84	74	79	0.16	NA	NA
6/22	76	67	72	-3	312	532	0.22	80	74	77	0.05	NA	NA
6/23	86	65	76	0	328	558	0.00	84	74	79	0.17	NA	NA
6/24	88	66	77	1	345	585	0.00	88	74	81	0.21	NA	NA
6/25	86	67	77	1	362	612	0.00	88	75	82	0.19	NA	NA
6/26	82	66	74	-2	376	636	0.00	84	75	80	0.11	NA	NA
6/27	85	65	75	-1	391	661	0.00	88	75	82	0.19	NA	NA
6/28	86	65	76	0	407	687	0.13	85	74	80	0.15	NA	NA
6/29	85	67	76	0	423	713	0.00	85	74	80	0.14	NA	NA
6/30	85	65	75	-1	438	738	0.05	84	74	79	0.15	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 84.8 Mean Minimum= 64.1 Average= 74.4
 DFN= -0.4 DFN= +1.0 DFN= +0.3
 Highest= 90 Lowest= 49

PRECIPITATION STATISTICS (inches):

Total= 0.84 DFN= -2.93 Greatest Daily= 0.37 Rain Days= 6
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 90 Lowest= 63 Average= 79

AVERAGE DAILY VALUES:

 Pan Evaporation= .18 (in)

Daily Weather Observations: Sand Mountain Substation, Crossville

DATE	AIR TEMPERATURE			GDD			PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
7/ 1	90	68	79	3	19	29	0.00	89	74	82	0.19	NA	NA
7/ 2	91	67	79	2	38	58	0.00	91	77	84	0.24	NA	NA
7/ 3	90	68	79	2	57	87	0.00	90	77	84	0.17	NA	NA
7/ 4	92	68	80	3	77	117	0.00	90	77	84	0.20	NA	NA
7/ 5	92	70	81	4	98	148	0.00	93	78	86	0.28	NA	NA
7/ 6	88	66	77	0	115	175	0.00	90	78	84	0.20	NA	NA
7/ 7	93	67	80	3	135	205	0.00	93	78	86	0.23	NA	NA
7/ 8	95	68	82	5	157	237	0.00	94	79	87	0.25	NA	NA
7/ 9	95	69	82	5	179	269	1.09	88	76	82	NA	NA	NA
7/10	91	68	80	3	199	299	0.00	87	76	82	0.19	NA	NA
7/11	91	68	80	3	219	329	0.00	88	76	82	0.20	NA	NA
7/12	89	70	80	3	239	359	0.00	88	76	82	0.19	NA	NA
7/13	89	67	78	1	257	387	0.00	88	77	83	0.17	NA	NA
7/14	88	69	79	2	276	416	0.00	87	77	82	0.14	NA	NA
7/15	88	69	79	2	295	445	0.00	89	78	84	0.20	NA	NA
7/16	90	68	79	2	314	474	0.00	89	78	84	0.18	NA	NA
7/17	86	69	78	1	332	502	0.00	83	77	80	0.06	NA	NA
7/18	89	70	80	3	352	532	0.85	87	77	82	0.15	NA	NA
7/19	93	72	83	6	375	565	0.00	88	77	83	0.16	NA	NA
7/20	93	74	84	7	399	599	0.00	88	79	84	0.28	NA	NA
7/21	91	69	80	2	419	629	0.00	90	79	85	0.28	NA	NA
7/22	95	68	82	4	441	661	0.00	91	79	85	0.26	NA	NA
7/23	96	70	83	5	464	694	0.00	91	79	85	0.24	NA	NA
7/24	96	71	84	6	488	728	0.00	92	80	86	0.31	NA	NA
7/25	93	72	83	5	511	761	0.00	90	80	85	0.20	NA	NA
7/26	89	74	82	4	533	793	0.40	89	80	85	0.07	NA	NA
7/27	94	73	84	6	557	827	0.00	89	80	85	0.19	NA	NA
7/28	96	70	83	6	580	860	0.00	88	77	83	0.17	NA	NA
7/29	97	70	84	7	604	894	0.00	90	77	84	0.24	NA	NA
7/30	97	64	81	4	625	925	0.00	92	78	85	0.31	NA	NA
7/31	88	59	74	-3	639	949	0.00	91	76	84	0.38	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 91.8 Mean Minimum= 68.9 Average= 80.3
 DFN= +4.0 DFN= +2.7 DFN= +3.3
 Highest= 97 Lowest= 59

PRECIPITATION STATISTICS (inches):

Total= 2.34 DFN= -1.64 Greatest Daily= 1.09 Rain Days= 3
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 94 Lowest= 74 Average= 84

AVERAGE DAILY VALUES:

 Pan Evaporation= .21 (in)

Daily Weather Observations: Sand Mountain Substation, Crossville

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
8/ 1	92	60	76	-1	16	26	0.00	92	76	84	0.30	NA	NA
8/ 2	91	63	77	0	33	53	0.00	86	76	81	0.15	NA	NA
8/ 3	91	68	80	2	53	83	0.00	90	77	84	0.20	NA	NA
8/ 4	84	67	76	-2	69	109	1.55	82	75	79	0.20	NA	NA
8/ 5	76	68	72	-6	81	131	0.17	78	70	74	0.09	NA	NA
8/ 6	85	68	77	-1	98	158	0.50	84	72	78	0.34	NA	NA
8/ 7	73	66	70	-8	108	178	0.23	77	73	75	0.02	NA	NA
8/ 8	70	64	67	-10	115	195	1.36	75	72	74	NA	NA	NA
8/ 9	85	64	75	-2	130	220	0.00	83	72	78	0.14	NA	NA
8/10	87	66	77	0	147	247	0.00	85	73	79	0.21	NA	NA
8/11	86	66	76	-1	163	273	0.00	84	74	79	0.15	NA	NA
8/12	87	65	76	-1	179	299	0.00	87	74	81	0.20	NA	NA
8/13	87	66	77	0	196	326	0.00	84	75	80	0.17	NA	NA
8/14	84	69	77	0	213	353	0.22	82	77	80	0.12	NA	NA
8/15	85	70	78	1	231	381	0.00	84	75	80	0.07	NA	NA
8/16	89	70	80	3	251	411	0.00	88	76	82	0.20	NA	NA
8/17	89	69	79	2	270	440	0.13	88	77	83	0.16	NA	NA
8/18	90	71	81	4	291	471	0.00	88	77	83	0.20	NA	NA
8/19	90	68	79	2	310	500	0.01	88	77	83	0.18	NA	NA
8/20	92	70	81	4	331	531	0.00	90	77	84	0.19	NA	NA
8/21	93	69	81	4	352	562	Trace	92	79	86	0.21	NA	NA
8/22	90	69	80	3	372	592	0.00	89	78	84	0.09	NA	NA
8/23	90	67	79	3	391	621	0.00	90	78	84	0.10	NA	NA
8/24	91	68	80	4	411	651	0.02	92	78	85	0.25	NA	NA
8/25	89	69	79	3	430	680	0.00	90	78	84	0.18	NA	NA
8/26	92	70	81	5	451	711	0.00	92	78	85	0.18	NA	NA
8/27	92	70	81	5	472	742	0.00	90	79	85	0.22	NA	NA
8/28	91	70	81	5	493	773	0.00	91	79	85	0.09	NA	NA
8/29	90	68	79	3	512	802	0.06	88	77	83	0.19	NA	NA
8/30	92	67	80	5	532	832	0.00	91	78	85	0.21	NA	NA
8/31	91	66	79	4	551	861	0.00	90	75	83	0.22	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 87.5 Mean Minimum= 67.5 Average= 77.5
 DFN= -0.3 DFN= +2.1 DFN= +0.9
 Highest= 93 Lowest= 60

PRECIPITATION STATISTICS (inches):

Total= 4.25 DFN= +1.02 Greatest Daily= 1.55 Rain Days= 10
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 92 Lowest= 70 Average= 81

AVERAGE DAILY VALUES:

 Pan Evaporation= .17 (in)

Daily Weather Observations: Sand Mountain Substation, Crossville

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
9/ 1	92	66	79	4	19	29	0.00	92	76	84	0.22	NA	NA
9/ 2	95	67	81	6	40	60	0.00	94	78	86	0.27	NA	NA
9/ 3	84	72	78	3	58	88	0.07	85	77	81	0.08	NA	NA
9/ 4	77	68	73	-2	71	111	0.21	78	75	77	NA	NA	NA
9/ 5	82	58	70	-4	81	131	0.00	83	72	78	0.23	NA	NA
9/ 6	84	56	70	-4	91	151	0.00	83	71	77	0.22	NA	NA
9/ 7	85	60	73	-1	104	174	0.00	84	70	77	0.15	NA	NA
9/ 8	86	63	75	1	119	199	0.02	85	73	79	0.10	NA	NA
9/ 9	85	64	75	2	134	224	0.00	87	73	80	0.16	NA	NA
9/10	83	59	71	-2	145	245	0.01	83	73	78	0.13	NA	NA
9/11	82	48	65	-8	150	260	0.00	83	69	76	0.24	NA	NA
9/12	80	48	64	-9	154	274	0.00	83	69	76	0.17	NA	NA
9/13	86	56	71	-1	165	295	0.00	85	69	77	0.20	NA	NA
9/14	86	68	77	5	182	322	0.00	83	73	78	0.13	NA	NA
9/15	87	70	79	7	201	351	0.32	85	74	80	0.19	NA	NA
9/16	83	65	74	2	215	375	0.27	79	74	77	0.12	NA	NA
9/17	79	65	72	1	227	397	0.00	79	73	76	0.10	NA	NA
9/18	78	53	66	-5	233	413	0.00	79	67	73	0.12	NA	NA
9/19	81	50	66	-5	239	429	0.00	78	66	72	0.19	NA	NA
9/20	86	50	68	-3	247	447	0.00	82	66	74	0.21	NA	NA
9/21	79	63	71	1	258	468	0.41	74	69	72	0.04	NA	NA
9/22	83	53	68	-2	266	486	0.00	79	67	73	0.22	NA	NA
9/23	83	53	68	-2	274	504	0.00	79	67	73	0.22	NA	NA
9/24	86	53	70	1	284	524	0.25	79	67	73	0.16	NA	NA
9/25	82	64	73	4	297	547	0.02	79	70	75	0.10	NA	NA
9/26	87	68	78	9	315	575	0.04	80	72	76	0.13	NA	NA
9/27	82	59	71	3	326	596	0.17	77	70	74	0.04	NA	NA
9/28	67	42	55	-13	326	601	0.00	74	61	68	0.32	NA	NA
9/29	74	43	59	-8	326	610	0.00	73	61	67	0.15	NA	NA
9/30	73	44	59	-8	326	619	0.00	74	60	67	0.20	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 82.6 Mean Minimum= 58.3 Average= 70.4
 DFN= +0.0 DFN= -1.9 DFN= -1.0
 Highest= 95 Lowest= 42

PRECIPITATION STATISTICS (inches):

Total= 1.79 DFN= -2.84 Greatest Daily= 0.41 Rain Days= 11
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 94 Lowest= 60 Average= 76

AVERAGE DAILY VALUES:

 Pan Evaporation= .17 (in)

Daily Weather Observations: Sand Mountain Substation, Crossville

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
10/ 1	67	44	56	-10	0	6	0.00	73	58	66	0.26	NA	NA
10/ 2	74	47	61	-5	1	17	0.00	74	58	66	0.17	NA	NA
10/ 3	81	53	67	2	8	34	0.00	77	61	69	0.19	NA	NA
10/ 4	75	41	58	-7	8	42	0.00	78	62	70	0.25	NA	NA
10/ 5	75	41	58	-7	8	50	0.00	77	62	70	0.19	NA	NA
10/ 6	82	45	64	0	12	64	0.00	78	62	70	0.18	NA	NA
10/ 7	83	58	71	7	23	85	0.00	79	64	72	0.23	NA	NA
10/ 8	80	59	70	7	33	105	0.00	78	64	71	0.19	NA	NA
10/ 9	82	55	69	6	42	124	0.00	80	67	74	0.15	NA	NA
10/10	82	49	66	3	48	140	0.14	77	61	69	0.14	NA	NA
10/11	54	47	51	-11	48	141	0.00	63	60	62	0.09	NA	NA
10/12	61	35	48	-14	48	141	0.00	64	56	60	0.05	NA	NA
10/13	64	40	52	-10	48	143	0.00	68	56	62	0.09	NA	NA
10/14	72	41	57	-4	48	150	0.00	70	56	63	0.11	NA	NA
10/15	74	57	66	5	54	166	0.00	73	63	68	0.12	NA	NA
10/16	66	58	62	1	56	178	0.31	68	63	66	0.11	NA	NA
10/17	64	58	61	1	57	189	0.01	65	63	64	0.04	NA	NA
10/18	72	60	66	6	63	205	0.00	67	64	66	0.02	NA	NA
10/19	78	61	70	11	73	225	0.00	71	64	68	0.02	NA	NA
10/20	80	61	71	12	84	246	0.00	73	64	69	0.14	NA	NA
10/21	79	64	72	13	96	268	0.10	73	68	71	0.13	NA	NA
10/22	68	45	57	-1	96	275	0.26	68	58	63	0.07	NA	NA
10/23	60	39	50	-8	96	275	0.00	63	55	59	0.06	NA	NA
10/24	70	45	58	0	96	283	0.00	66	55	61	0.15	NA	NA
10/25	65	52	59	2	96	292	0.00	63	57	60	0.14	NA	NA
10/26	69	54	62	5	98	304	0.01	65	58	62	0.09	NA	NA
10/27	75	45	60	4	98	314	0.00	71	58	65	0.14	NA	NA
10/28	68	31	50	-6	98	314	0.00	68	53	61	0.15	NA	NA
10/29	63	30	47	-9	98	314	0.00	66	53	60	0.15	NA	NA
10/30	53	45	49	-6	98	314	1.23	57	56	57	0.07	NA	NA
10/31	46	32	39	-16	98	314	0.01	56	46	51	0.04	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 70.4 Mean Minimum= 48.1 Average= 59.3
 DFN= -2.1 DFN= +0.2 DFN= -1.0
 Highest= 83 Lowest= 30

PRECIPITATION STATISTICS (inches):

Total= 2.07 DFN= -0.82 Greatest Daily= 1.23 Rain Days= 8
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 80 Lowest= 46 Average= 65

AVERAGE DAILY VALUES:

 Pan Evaporation= .13 (in)

Daily Weather Observations: Sand Mountain Substation, Crossville

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			VEG	SOLAR	
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY
11/ 1	37	25	31	-23	0	0	0.00	46	42	44	NA	NA	NA
11/ 2	46	26	36	-18	0	0	0.00	53	42	48	NA	NA	NA
11/ 3	51	28	40	-14	0	0	0.00	52	43	48	NA	NA	NA
11/ 4	53	43	48	-6	0	0	0.04	51	47	49	0.06	NA	NA
11/ 5	64	48	56	3	0	6	0.94	57	51	54	NA	NA	NA
11/ 6	74	35	55	2	0	11	0.09	64	50	57	0.09	NA	NA
11/ 7	45	25	35	-18	0	11	0.00	56	43	50	NA	NA	NA
11/ 8	47	27	37	-16	0	11	0.00	54	43	49	NA	NA	NA
11/ 9	57	32	45	-7	0	11	0.00	55	43	49	0.08	NA	NA
11/10	53	32	43	-9	0	11	0.00	52	45	49	0.13	NA	NA
11/11	61	30	46	-6	0	11	0.00	57	45	51	NA	NA	NA
11/12	64	34	49	-2	0	11	0.00	57	45	51	0.10	NA	NA
11/13	63	43	53	2	0	14	0.00	56	47	52	0.11	NA	NA
11/14	69	58	64	13	4	28	0.00	59	52	56	0.08	NA	NA
11/15	75	62	69	19	13	47	0.94	62	58	60	0.07	NA	NA
11/16	67	60	64	14	17	61	0.12	63	61	62	0.03	NA	NA
11/17	71	60	66	16	23	77	0.29	64	61	63	0.08	NA	NA
11/18	69	45	57	8	23	84	0.10	66	55	61	0.17	NA	NA
11/19	58	38	48	-1	23	84	0.00	61	51	56	0.06	NA	NA
11/20	52	33	43	-6	23	84	0.02	55	47	51	0.07	NA	NA
11/21	49	25	37	-11	23	84	0.00	53	42	48	NA	NA	NA
11/22	56	29	43	-5	23	84	0.00	53	42	48	NA	NA	NA
11/23	62	34	48	0	23	84	0.00	55	43	49	0.07	NA	NA
11/24	64	40	52	4	23	86	0.00	56	45	51	0.06	NA	NA
11/25	68	44	56	8	23	92	0.00	58	46	52	0.06	NA	NA
11/26	69	49	59	12	23	101	0.00	57	50	54	0.14	NA	NA
11/27	51	38	45	-2	23	101	0.16	52	49	51	NA	NA	NA
11/28	43	27	35	-12	23	101	0.06	50	40	45	NA	NA	NA
11/29	49	27	38	-9	23	101	0.00	50	35	43	NA	NA	NA
11/30	63	29	46	0	23	101	0.00	52	40	46	0.08	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 58.3 Mean Minimum= 37.5 Average= 47.9
 DFN= -3.0 DFN= -1.3 DFN= -2.1
 Highest= 75 Lowest= 25

PRECIPITATION STATISTICS (inches):

Total= 2.76 DFN= -1.32 Greatest Daily= 0.94 Rain Days= 10
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 66 Lowest= 35 Average= 51

AVERAGE DAILY VALUES:

 Pan Evaporation= .09 (in)

Daily Weather Observations: Sand Mountain Substation, Crossville

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
12/ 1	59	29	44	-2	0	0	0.00	52	41	47	NA	NA	NA
12/ 2	55	39	47	1	0	0	0.00	51	43	47	0.11	NA	NA
12/ 3	55	41	48	2	0	0	0.03	49	44	47	0.05	NA	NA
12/ 4	63	44	54	9	0	4	0.02	54	48	51	0.08	NA	NA
12/ 5	63	44	54	9	0	8	0.53	57	50	54	0.07	NA	NA
12/ 6	53	34	44	-1	0	8	0.00	55	45	50	0.04	NA	NA
12/ 7	55	26	41	-4	0	8	0.00	52	41	47	NA	NA	NA
12/ 8	53	28	41	-3	0	8	0.00	52	41	47	NA	NA	NA
12/ 9	59	35	47	3	0	8	0.00	55	43	49	0.07	NA	NA
12/10	60	41	51	7	0	9	0.66	51	43	47	0.08	NA	NA
12/11	58	37	48	4	0	9	0.12	54	44	49	0.06	NA	NA
12/12	42	20	31	-12	0	9	0.00	47	39	43	NA	NA	NA
12/13	46	25	36	-7	0	9	0.00	44	38	41	NA	NA	NA
12/14	54	35	45	2	0	9	0.46	45	41	43	0.10	NA	NA
12/15	41	36	39	-4	0	9	0.02	43	41	42	NA	NA	NA
12/16	42	37	40	-3	0	9	0.00	43	43	43	0.02	NA	NA
12/17	48	36	42	-1	0	9	0.00	48	44	46	0.01	NA	NA
12/18	46	36	41	-1	0	9	0.14	47	40	44	0.04	NA	NA
12/19	46	28	37	-5	0	9	0.05	46	40	43	NA	NA	NA
12/20	47	29	38	-4	0	9	0.25	50	40	45	NA	NA	NA
12/21	41	28	35	-7	0	9	1.16	44	42	43	NA	NA	NA
12/22	41	28	35	-7	0	9	0.00	46	39	43	NA	NA	NA
12/23	39	30	35	-7	0	9	0.07	41	39	40	NA	NA	NA
12/24	36	20	28	-14	0	9	0.00	43	36	40	0.03	NA	NA
12/25	37	25	31	-11	0	9	0.00	40	36	38	0.04	NA	NA
12/26	41	20	31	-10	0	9	0.01	40	36	38	0.02	NA	NA
12/27	53	34	44	3	0	9	0.00	41	36	39	0.05	NA	NA
12/28	60	45	53	12	0	12	0.00	47	36	42	0.03	NA	NA
12/29	58	34	46	5	0	12	1.38	48	45	47	0.04	NA	NA
12/30	35	18	27	-14	0	12	0.00	45	38	42	NA	NA	NA
12/31	34	16	25	-16	0	12	0.00	39	36	38	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 49.0 Mean Minimum= 31.5 Average= 40.3
 DFN= -3.7 DFN= -1.3 DFN= -2.5
 Highest= 63 Lowest= 16

PRECIPITATION STATISTICS (inches):

Total= 4.90 DFN= -0.54 Greatest Daily= 1.38 Rain Days= 14
 Daily precipitation amount of Trace is less than .01 inch.

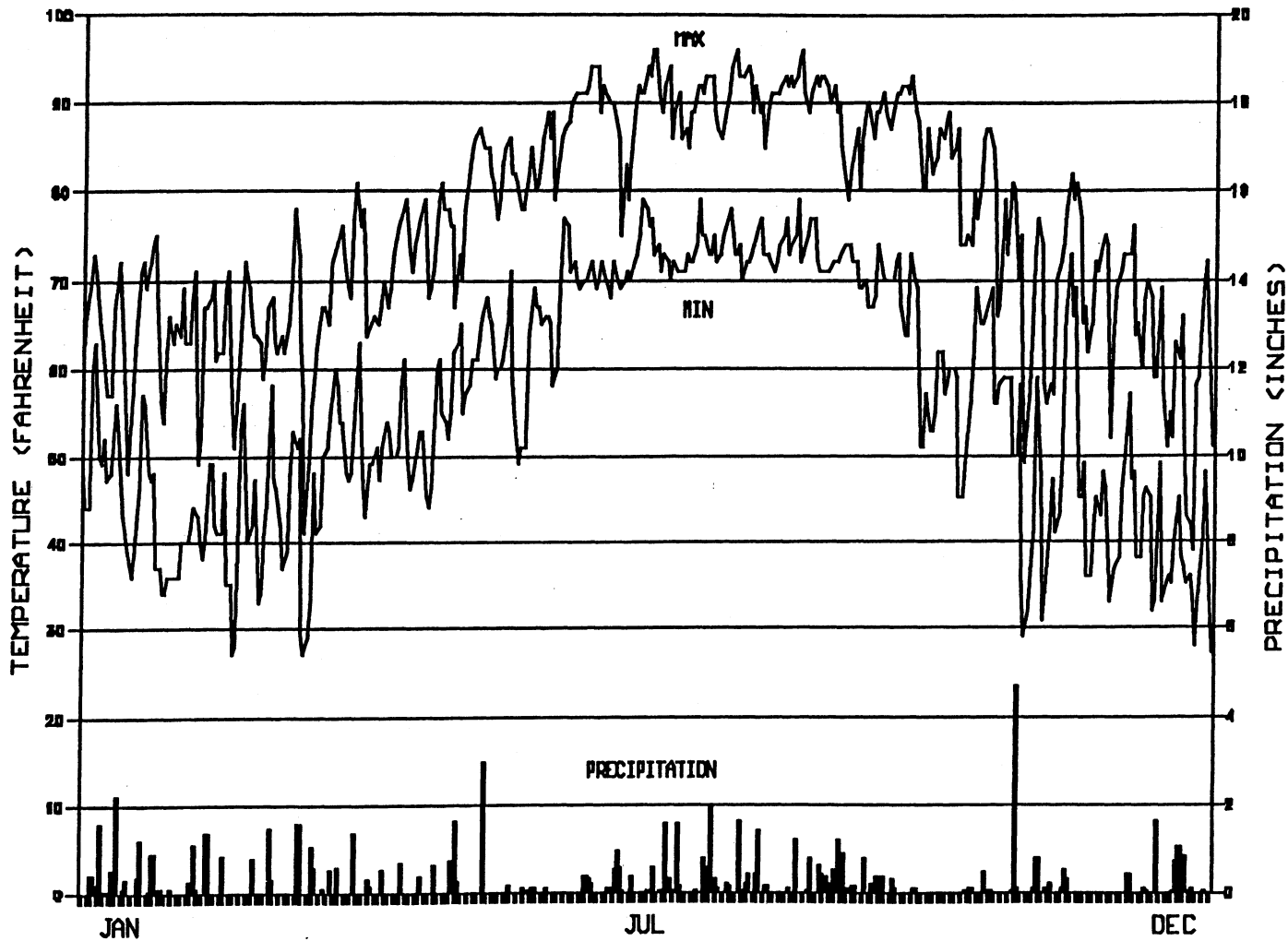
SOIL TEMPERATURES (in degrees F):

Highest= 57 Lowest= 36 Average= 44

AVERAGE DAILY VALUES:

 Pan Evaporation= .05 (in)

Gulf Coast Substation, Fairhope
Daily Precipitation, Maximum and Minimum Temperature
January 1 - December 31 1993



Monthly precipitation summary: Gulf Coast Substation, Fairhope

For the period: Sunday January 1, 1984
to: Thursday December 31, 1992

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1984													
	5.74	5.95	5.58	3.19	2.49	2.80	3.90	14.23	0.57	1.78	2.26	1.70	50.19
	1.10	1.02	-0.36	-1.72	-2.50	-3.13	-3.91	8.22	-6.61	-1.35	-1.49	-3.38	-14.11
1985													
	5.08	7.03	5.06	1.01	7.85	8.08	8.00	5.78	6.01	13.08	2.98	3.29	73.25
	0.44	2.29	-0.88	-3.90	2.86	2.15	0.19	-0.23	-1.17	9.95	-0.77	-1.79	9.14
1986													
	3.80	4.66	3.91	3.33	5.35	5.54	4.29	5.01	3.07	5.89	6.06	4.62	55.53
	-0.84	-0.08	-2.03	-1.58	0.36	-0.39	-3.52	-1.00	-4.11	2.76	2.31	-0.46	-8.58
1987													
	6.35	8.96	5.43	0.63	12.35	15.58	5.16	12.48	2.40	0.23	5.07	5.30	79.94
	1.71	4.22	-0.51	-4.28	7.36	9.65	-2.65	6.47	-4.78	-2.90	1.32	0.22	15.83
1988													
	4.38	6.40	6.36	3.71	0.31	5.91	4.80	13.19	16.12	1.97	4.44	2.47	70.06
	-0.26	1.47	0.42	-1.20	-4.68	-0.02	-3.01	7.18	8.94	-1.16	0.69	-2.61	5.76
1989													
	0.87	1.64	4.32	2.88	7.00	18.52	8.92	2.17	4.49	2.28	7.76	5.21	66.06
	-3.77	-3.10	-1.62	-2.03	2.01	12.59	1.11	-3.84	-2.69	-0.85	4.01	0.13	1.95
1990													
	8.66	10.30	10.41	2.47	4.94	6.22	5.84	2.00	1.66	2.88	1.84	2.37	59.59
	4.02	5.56	4.47	-2.44	-0.05	0.29	-1.97	-4.01	-5.52	-0.25	-1.91	-2.71	-4.52
1991													
	15.48	2.40	4.89	9.10	13.75	6.63	8.64	6.74	3.13	2.28	3.80	2.87	79.71
	10.84	-2.34	-1.05	4.19	8.76	0.70	0.83	0.73	-4.05	-0.85	0.05	-2.21	15.60
1992													
	13.08	8.06	2.90	2.72	2.40	4.62	5.03	6.20	1.44	3.85	11.70	5.28	67.28
	8.44	3.13	-3.04	-2.19	-2.59	-1.31	-2.78	0.19	-5.74	0.72	7.95	0.20	2.98

SUMMARY FOR 1984 TO 1992													
	4.64	4.93	5.94	4.91	4.99	5.93	7.81	6.01	7.18	3.13	3.75	5.08	64.30
	21.68	12.17	-4.60	-15.15	11.53	20.53	-15.71	13.71	-25.73	6.07	12.16	-12.61	24.05

YEARLY TOTALS: LINE 1 OBSERVED MONTHLY RAIN TOTALS
LINE 2 DEPARTURE FROM NORMAL (DFN)
SUMMARY TOTALS: LINE 1 NORMAL MONTHLY RAIN TOTALS
LINE 2 CUMULATIVE MONTHLY DFN

NOTE: All Precip normals are based on the 1951-80 period.
Missing MONTHLY or YEARLY totals are NOT included
in the summary totals!

Daily Weather Observations: Gulf Coast Substation, Fairhope

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
1/ 1	62	49	56	4	0	6	0.00	61	57	59	0.05	NA	NA
1/ 2	66	44	55	3	0	11	0.00	61	54	58	0.08	NA	NA
1/ 3	70	44	57	5	0	18	0.00	63	54	59	0.04	NA	NA
1/ 4	73	60	67	15	7	35	0.00	64	59	62	0.09	NA	NA
1/ 5	71	63	67	15	14	52	0.37	65	60	63	0.02	NA	NA
1/ 6	65	50	58	6	14	60	0.21	65	61	63	0.04	NA	NA
1/ 7	63	49	56	4	14	66	0.01	63	60	62	0.04	NA	NA
1/ 8	60	52	56	4	14	72	1.55	59	58	59	NA	NA	NA
1/ 9	57	47	52	0	14	74	0.01	60	57	59	0.07	NA	NA
1/10	57	48	53	1	14	77	0.00	61	57	59	0.03	NA	NA
1/11	67	52	60	9	14	87	0.02	61	57	59	0.03	NA	NA
1/12	69	56	63	12	17	100	0.50	60	58	59	NA	NA	NA
1/13	72	53	63	12	20	113	2.18	67	59	63	0.09	NA	NA
1/14	62	43	53	2	20	116	0.00	63	55	59	0.14	NA	NA
1/15	55	41	48	-3	20	116	Trace	56	51	54	0.08	NA	NA
1/16	48	39	44	-7	20	116	0.28	51	49	50	NA	NA	NA
1/17	57	36	47	-5	20	116	0.00	55	48	52	0.04	NA	NA
1/18	63	39	51	-1	20	117	0.00	57	48	53	0.05	NA	NA
1/19	71	46	59	7	20	126	0.00	59	50	55	0.03	NA	NA
1/20	72	57	65	13	25	141	0.32	61	58	60	0.05	NA	NA
1/21	69	56	63	11	28	154	1.17	62	57	60	0.10	NA	NA
1/22	72	48	60	8	28	164	0.00	68	57	63	0.11	NA	NA
1/23	74	47	61	9	29	175	0.00	64	55	60	0.12	NA	NA
1/24	75	48	62	10	31	187	0.01	63	55	59	0.04	NA	NA
1/25	68	37	53	1	31	190	0.85	63	50	57	0.17	NA	NA
1/26	56	37	47	-5	31	190	0.00	54	49	52	0.12	NA	NA
1/27	54	34	44	-8	31	190	Trace	52	45	49	0.10	NA	NA
1/28	61	34	48	-4	31	190	0.00	54	45	50	0.11	NA	NA
1/29	66	36	51	-1	31	191	0.00	55	45	50	0.05	NA	NA
1/30	63	36	50	-2	31	191	0.04	56	52	54	0.06	NA	NA
1/31	65	36	51	-1	31	192	0.00	59	49	54	0.14	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 64.6 Mean Minimum= 45.7 Average= 55.2
 DFN= +2.8 DFN= +4.2 DFN= +3.5
 Highest= 75 Lowest= 34

PRECIPITATION STATISTICS (inches):

Total= 7.52 DFN= +2.88 Greatest Daily= 2.18 Rain Days= 14
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 68 Lowest= 45 Average= 57

AVERAGE DAILY VALUES:

 Pan Evaporation= .07 (in)

Daily Weather Observations: Gulf Coast Substation, Fairhope

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
2/ 1	64	36	50	-3	0	0	0.00	57	48	53	0.09	NA	NA
2/ 2	69	40	55	2	0	5	0.00	59	48	54	0.14	NA	NA
2/ 3	63	40	52	-1	0	7	0.00	57	48	53	0.13	NA	NA
2/ 4	63	40	52	-1	0	9	0.00	56	47	52	0.11	NA	NA
2/ 5	68	42	55	2	0	14	0.00	57	50	54	0.09	NA	NA
2/ 6	71	44	58	5	0	22	0.24	59	49	54	0.08	NA	NA
2/ 7	49	43	46	-7	0	22	1.06	54	50	52	0.02	NA	NA
2/ 8	52	40	46	-7	0	22	0.05	51	48	50	NA	NA	NA
2/ 9	67	38	53	0	0	25	0.00	59	48	54	0.10	NA	NA
2/10	67	40	54	0	0	29	0.00	57	49	53	0.06	NA	NA
2/11	68	49	59	5	0	38	1.35	59	51	55	NA	NA	NA
2/12	70	49	60	6	0	48	0.00	67	57	62	0.10	NA	NA
2/13	61	42	52	-2	0	50	0.00	63	53	58	0.14	NA	NA
2/14	62	41	52	-2	0	52	0.00	62	52	57	0.09	NA	NA
2/15	62	41	52	-2	0	54	0.00	60	52	56	0.07	NA	NA
2/16	69	48	59	5	0	63	0.81	59	52	56	0.07	NA	NA
2/17	71	35	53	-2	0	66	0.00	68	51	60	0.19	NA	NA
2/18	56	35	46	-9	0	66	0.00	59	48	54	0.13	NA	NA
2/19	51	27	39	-16	0	66	0.00	56	43	50	0.05	NA	NA
2/20	55	28	42	-13	0	66	0.00	55	43	49	0.17	NA	NA
2/21	66	54	60	5	0	76	0.00	57	50	54	0.03	NA	NA
2/22	72	56	64	9	4	90	0.00	62	57	60	0.10	NA	NA
2/23	69	40	55	-1	4	95	0.00	63	52	58	0.22	NA	NA
2/24	66	41	54	-2	4	99	0.00	64	50	57	0.15	NA	NA
2/25	64	42	53	-3	4	102	0.00	61	50	56	0.13	NA	NA
2/26	64	47	56	0	4	108	0.78	56	54	55	0.04	NA	NA
2/27	63	33	48	-9	4	108	0.00	62	48	55	0.13	NA	NA
2/28	59	34	47	-10	4	108	0.00	60	48	54	0.12	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 63.6 Mean Minimum= 40.9 Average= 52.2
 DFN= -1.0 DFN= -2.5 DFN= -1.8
 Highest= 72 Lowest= 27

PRECIPITATION STATISTICS (inches):

Total= 4.29 DFN= -0.45 Greatest Daily= 1.35 Rain Days= 6
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 68 Lowest= 43 Average= 55

AVERAGE DAILY VALUES:

 Pan Evaporation= .11 (in)

Daily Weather Observations: Gulf Coast Substation, Fairhope

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
3/ 1	61	41	51	-6	0	1	0.00	59	51	55	0.11	NA	NA
3/ 2	67	44	56	-1	0	7	0.00	62	50	56	0.11	NA	NA
3/ 3	68	58	63	6	3	20	1.46	60	57	59	0.04	NA	NA
3/ 4	63	47	55	-3	3	25	0.30	61	54	58	0.08	NA	NA
3/ 5	62	46	54	-4	3	29	0.00	64	53	59	0.13	NA	NA
3/ 6	64	42	53	-5	3	32	0.00	64	52	58	0.17	NA	NA
3/ 7	62	37	50	-8	3	32	0.00	60	50	55	0.08	NA	NA
3/ 8	65	39	52	-7	3	34	0.00	63	50	57	0.16	NA	NA
3/ 9	70	48	59	0	3	43	0.00	67	53	60	0.17	NA	NA
3/10	78	53	66	7	9	59	0.00	70	55	63	0.17	NA	NA
3/11	73	51	62	3	11	71	0.00	71	58	65	0.20	NA	NA
3/12	63	52	58	-2	11	79	0.00	63	55	59	0.20	NA	NA
3/13	58	29	44	-16	11	79	1.55	56	45	51	NA	NA	NA
3/14	41	27	34	-26	11	79	0.00	50	41	46	NA	NA	NA
3/15	49	29	39	-21	11	79	0.00	56	40	48	NA	NA	NA
3/16	56	33	45	-16	11	79	0.00	55	42	49	0.13	NA	NA
3/17	59	48	54	-7	11	83	1.02	53	49	51	NA	NA	NA
3/18	63	41	52	-9	11	85	0.55	58	50	54	0.08	NA	NA
3/19	67	42	55	-6	11	90	0.00	63	50	57	0.13	NA	NA
3/20	67	50	59	-3	11	99	0.00	63	53	58	0.17	NA	NA
3/21	65	51	58	-4	11	107	0.05	63	54	59	0.09	NA	NA
3/22	72	55	64	2	15	121	0.00	68	55	62	0.12	NA	NA
3/23	74	60	67	5	22	138	0.46	68	61	65	0.12	NA	NA
3/24	75	58	67	4	29	155	0.00	73	64	69	0.16	NA	NA
3/25	76	54	65	2	34	170	0.00	74	62	68	0.16	NA	NA
3/26	73	54	64	1	38	184	0.57	72	62	67	0.12	NA	NA
3/27	69	48	59	-4	38	193	0.00	71	58	65	0.17	NA	NA
3/28	68	47	58	-6	38	201	0.00	70	58	64	0.13	NA	NA
3/29	77	48	63	-1	41	214	0.00	73	58	66	0.18	NA	NA
3/30	81	53	67	3	48	231	0.00	75	65	70	0.19	NA	NA
3/31	76	63	70	6	58	251	1.35	67	63	65	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 66.5 Mean Minimum= 46.7 Average= 56.6
 DFN= -4.5 DFN= -2.9 DFN= -3.7
 Highest= 81 Lowest= 27

PRECIPITATION STATISTICS (inches):

Total= 7.31 DFN= +1.37 Greatest Daily= 1.55 Rain Days= 9
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 75 Lowest= 40 Average= 59

AVERAGE DAILY VALUES:

 Pan Evaporation= .14 (in)

Daily Weather Observations: Gulf Coast Substation, Fairhope

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
4/ 1	78	55	67	2	7	17	0.00	75	62	69	0.29	NA	NA
4/ 2	73	47	60	-5	7	27	0.00	72	58	65	0.31	NA	NA
4/ 3	64	43	54	-11	7	31	0.00	70	57	64	0.19	NA	NA
4/ 4	65	49	57	-8	7	38	0.27	65	57	61	0.09	NA	NA
4/ 5	66	49	58	-8	7	46	0.15	61	57	59	0.01	NA	NA
4/ 6	65	51	58	-8	7	54	0.00	67	59	63	0.15	NA	NA
4/ 7	67	47	57	-9	7	61	0.00	70	58	64	0.15	NA	NA
4/ 8	70	51	61	-5	8	72	0.00	68	58	63	0.14	NA	NA
4/ 9	67	54	61	-5	9	83	0.48	62	60	61	0.03	NA	NA
4/10	69	53	61	-6	10	94	0.00	71	60	66	0.22	NA	NA
4/11	73	50	62	-5	12	106	0.00	74	59	67	0.22	NA	NA
4/12	76	50	63	-4	15	119	0.00	75	59	67	0.21	NA	NA
4/13	77	51	64	-3	19	133	0.00	77	61	69	0.19	NA	NA
4/14	78	58	68	0	27	151	0.00	78	64	71	0.19	NA	NA
4/15	79	61	70	2	37	171	0.69	76	66	71	0.20	NA	NA
4/16	73	49	61	-7	38	182	0.00	74	60	67	0.29	NA	NA
4/17	71	46	59	-9	38	191	0.00	74	59	67	0.24	NA	NA
4/18	74	47	61	-8	39	202	0.00	74	59	67	0.21	NA	NA
4/19	77	51	64	-5	43	216	0.00	78	62	70	0.26	NA	NA
4/20	78	53	66	-3	49	232	0.00	78	62	70	0.25	NA	NA
4/21	79	53	66	-3	55	248	0.33	80	66	73	0.12	NA	NA
4/22	68	45	57	-13	55	255	0.00	75	59	67	0.39	NA	NA
4/23	69	44	57	-13	55	262	0.00	74	59	67	0.23	NA	NA
4/24	71	46	59	-11	55	271	0.00	75	58	67	0.20	NA	NA
4/25	79	60	70	0	65	291	0.00	78	63	71	0.21	NA	NA
4/26	81	61	71	1	76	312	0.63	80	69	75	0.22	NA	NA
4/27	78	55	67	-4	83	329	0.00	80	64	72	0.26	NA	NA
4/28	78	54	66	-5	89	345	0.00	80	64	72	0.24	NA	NA
4/29	76	52	64	-7	93	359	0.00	78	64	71	0.21	NA	NA
4/30	76	55	66	-5	99	375	0.00	75	64	70	0.16	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 73.2 Mean Minimum= 51.3 Average= 62.2
 DFN= -5.0 DFN= -5.7 DFN= -5.3
 Highest= 81 Lowest= 43

PRECIPITATION STATISTICS (inches):

Total= 2.55 DFN= -2.36 Greatest Daily= 0.69 Rain Days= 6
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 80 Lowest= 57 Average= 67

AVERAGE DAILY VALUES:

 Pan Evaporation= .20 (in)

Daily Weather Observations: Gulf Coast Substation, Fairhope

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
5/ 1	67	62	65	-7	5	15	0.72	68	66	67	NA	NA	NA
5/ 2	73	63	68	-4	13	33	1.62	72	66	69	NA	NA	NA
5/ 3	70	65	68	-4	21	51	0.24	69	66	68	0.02	NA	NA
5/ 4	78	55	67	-5	28	68	0.00	81	66	74	0.22	NA	NA
5/ 5	80	57	69	-3	37	87	0.00	82	67	75	0.23	NA	NA
5/ 6	85	58	72	-1	49	109	0.00	84	68	76	0.24	NA	NA
5/ 7	86	61	74	1	63	133	0.00	85	69	77	0.25	NA	NA
5/ 8	87	61	74	1	77	157	0.00	83	71	77	0.24	NA	NA
5/ 9	86	64	75	2	92	182	0.00	88	72	80	0.26	NA	NA
5/10	85	66	76	3	108	208	0.00	88	74	81	0.23	NA	NA
5/11	85	68	77	3	125	235	0.00	90	76	83	0.22	NA	NA
5/12	82	66	74	0	139	259	2.94	86	73	80	NA	NA	NA
5/13	81	65	73	-1	152	282	0.00	86	73	80	0.26	NA	NA
5/14	77	59	68	-6	160	300	0.00	81	70	76	0.24	NA	NA
5/15	79	60	70	-4	170	320	0.00	84	70	77	0.21	NA	NA
5/16	83	60	72	-3	182	342	0.00	83	71	77	0.23	NA	NA
5/17	85	61	73	-2	195	365	0.00	85	72	79	0.25	NA	NA
5/18	86	65	76	1	211	391	0.00	85	75	80	0.28	NA	NA
5/19	82	71	77	2	228	418	0.00	88	75	82	0.25	NA	NA
5/20	82	59	71	-4	239	439	0.15	82	72	77	0.20	NA	NA
5/21	81	55	68	-8	247	457	0.00	84	71	78	0.33	NA	NA
5/22	78	49	64	-12	251	471	0.00	87	70	79	0.31	NA	NA
5/23	78	51	65	-11	256	486	0.00	85	70	78	0.26	NA	NA
5/24	82	51	67	-9	263	503	0.00	86	70	78	0.20	NA	NA
5/25	85	64	75	-1	278	528	0.04	82	72	77	0.20	NA	NA
5/26	80	69	75	-2	293	553	0.03	79	75	77	0.09	NA	NA
5/27	81	67	74	-3	307	577	0.00	78	74	76	0.10	NA	NA
5/28	83	67	75	-2	322	602	0.07	80	74	77	0.16	NA	NA
5/29	86	65	76	-1	338	628	0.00	87	75	81	0.22	NA	NA
5/30	89	66	78	1	356	656	0.00	88	75	82	0.20	NA	NA
5/31	86	66	76	-2	372	682	0.00	90	77	84	0.18	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 81.5 Mean Minimum= 61.8 Average= 71.7
 DFN= -3.1 DFN= -2.0 DFN= -2.5
 Highest= 89 Lowest= 49

PRECIPITATION STATISTICS (inches):

Total= 5.81 DFN= +0.82 Greatest Daily= 2.94 Rain Days= 8
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 90 Lowest= 66 Average= 77

AVERAGE DAILY VALUES:

 Pan Evaporation= .22 (in)

Daily Weather Observations: Gulf Coast Substation, Fairhope

DATE	AIR TEMPERATURE			GDD			PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
6/ 1	89	65	77	-1	17	27	0.08	91	76	84	0.22	NA	NA
6/ 2	79	58	69	-9	26	46	0.00	89	75	82	0.25	NA	NA
6/ 3	84	60	72	-6	38	68	0.00	91	74	83	0.25	NA	NA
6/ 4	86	70	78	0	56	96	0.00	91	77	84	0.25	NA	NA
6/ 5	87	77	82	3	78	128	0.00	94	81	88	0.28	NA	NA
6/ 6	88	76	82	3	100	160	0.00	94	82	88	0.24	NA	NA
6/ 7	90	71	81	2	121	191	0.00	97	82	90	0.27	NA	NA
6/ 8	91	72	82	3	143	223	0.00	99	83	91	0.28	NA	NA
6/ 9	91	70	81	2	164	254	0.00	99	84	92	0.30	NA	NA
6/10	91	69	80	1	184	284	0.00	101	84	93	0.28	NA	NA
6/11	91	70	81	2	205	315	0.00	99	84	92	0.28	NA	NA
6/12	92	70	81	1	226	346	0.00	99	84	92	0.27	NA	NA
6/13	94	71	83	3	249	379	0.00	102	84	93	0.33	NA	NA
6/14	94	72	83	3	272	412	0.34	98	81	90	0.24	NA	NA
6/15	94	69	82	2	294	444	0.30	93	79	86	0.25	NA	NA
6/16	89	70	80	0	314	474	0.16	91	79	85	0.20	NA	NA
6/17	92	72	82	2	336	506	0.00	92	80	86	0.31	NA	NA
6/18	91	71	81	1	357	537	0.00	90	79	85	0.29	NA	NA
6/19	90	69	80	0	377	567	0.00	88	79	84	0.31	NA	NA
6/20	90	68	79	-2	396	596	0.00	93	80	87	0.26	NA	NA
6/21	89	72	81	0	417	627	0.08	91	80	86	0.21	NA	NA
6/22	86	70	78	-3	435	655	0.04	83	80	82	0.10	NA	NA
6/23	75	69	72	-9	447	677	0.51	84	76	80	NA	NA	NA
6/24	83	70	77	-4	464	704	0.92	84	77	81	NA	NA	NA
6/25	79	71	75	-6	479	729	0.56	82	77	80	0.05	NA	NA
6/26	84	70	77	-4	496	756	0.03	82	76	79	0.08	NA	NA
6/27	90	72	81	0	517	787	0.00	89	76	83	0.25	NA	NA
6/28	92	73	83	2	540	820	0.00	90	79	85	0.24	NA	NA
6/29	91	75	83	1	563	853	0.36	91	80	86	0.18	NA	NA
6/30	91	79	85	3	588	888	0.00	92	81	87	0.28	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 88.4 Mean Minimum= 70.4 Average= 79.4
 DFN= -1.2 DFN= +0.6 DFN= -0.3
 Highest= 94 Lowest= 58

PRECIPITATION STATISTICS (inches):

Total= 3.38 DFN= -2.55 Greatest Daily= 0.92 Rain Days= 11
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 102 Lowest= 74 Average= 86

AVERAGE DAILY VALUES:

 Pan Evaporation= .24 (in)

Daily Weather Observations: Gulf Coast Substation, Fairhope

DATE	AIR TEMPERATURE			DFN	GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG		B60	B50		MAX	MIN	MEAN			
7/ 1	94	78	86	4	26	36	0.00	94	82	88	0.29	NA	NA
7/ 2	93	76	85	3	51	71	0.00	95	83	89	0.26	NA	NA
7/ 3	96	77	87	6	78	108	0.00	96	83	90	0.29	NA	NA
7/ 4	96	73	85	4	103	143	0.03	98	84	91	0.27	NA	NA
7/ 5	90	74	82	1	125	175	0.54	97	83	90	0.26	NA	NA
7/ 6	89	71	80	-1	145	205	0.00	91	81	86	0.26	NA	NA
7/ 7	92	73	83	2	168	238	0.00	95	81	88	0.28	NA	NA
7/ 8	94	72	83	2	191	271	0.02	97	83	90	0.30	NA	NA
7/ 9	86	70	78	-3	209	299	1.55	85	78	82	NA	NA	NA
7/10	89	72	81	0	230	330	0.05	92	80	86	0.22	NA	NA
7/11	91	71	81	0	251	361	0.26	94	80	87	0.20	NA	NA
7/12	86	71	79	-2	270	390	0.01	87	80	84	0.13	NA	NA
7/13	87	71	79	-2	289	419	1.57	88	77	83	0.15	NA	NA
7/14	85	73	79	-2	308	448	0.10	88	77	83	0.19	NA	NA
7/15	89	72	81	0	329	479	0.00	92	79	86	0.24	NA	NA
7/16	89	72	81	0	350	510	0.00	91	80	86	0.17	NA	NA
7/17	92	74	83	2	373	543	0.00	94	80	87	0.27	NA	NA
7/18	92	79	86	4	399	579	0.00	94	83	89	0.26	NA	NA
7/19	91	75	83	1	422	612	0.02	91	83	87	0.06	NA	NA
7/20	93	75	84	2	446	646	0.00	98	83	91	0.26	NA	NA
7/21	93	73	83	1	469	679	0.78	92	82	87	0.21	NA	NA
7/22	93	73	83	1	492	712	0.54	95	82	89	0.20	NA	NA
7/23	89	75	82	0	514	744	0.00	94	83	89	0.24	NA	NA
7/24	87	72	80	-2	534	774	1.94	87	79	83	NA	NA	NA
7/25	86	73	80	-2	554	804	0.30	86	80	83	0.25	NA	NA
7/26	88	75	82	0	576	836	0.08	92	80	86	0.21	NA	NA
7/27	91	77	84	2	600	870	0.00	93	83	88	0.19	NA	NA
7/28	94	78	86	4	626	906	0.00	94	84	89	0.25	NA	NA
7/29	96	73	85	3	651	941	0.18	95	83	89	0.23	NA	NA
7/30	93	73	83	1	674	974	0.11	95	84	90	0.22	NA	NA
7/31	93	74	84	2	698	1008	0.00	97	84	91	0.27	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 90.9 Mean Minimum= 73.7 Average= 82.3
 DFN= +0.4 DFN= +1.4 DFN= +0.9
 Highest= 96 Lowest= 70

PRECIPITATION STATISTICS (inches):

Total= 8.08 DFN= +0.27 Greatest Daily= 1.94 Rain Days= 17
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 98 Lowest= 77 Average= 87

AVERAGE DAILY VALUES:

 Pan Evaporation= .23 (in)

Daily Weather Observations: Gulf Coast Substation, Fairhope

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
8/ 1	93	70	82	0	22	32	0.00	97	84	91	0.31	NA	NA
8/ 2	94	72	83	1	45	65	1.65	96	83	90	0.25	NA	NA
8/ 3	93	72	83	1	68	98	0.03	95	82	89	0.18	NA	NA
8/ 4	89	73	81	-1	89	129	0.18	90	83	87	0.14	NA	NA
8/ 5	92	74	83	1	112	162	0.38	93	83	88	0.25	NA	NA
8/ 6	89	76	83	1	135	195	0.00	92	84	88	0.18	NA	NA
8/ 7	90	77	84	2	159	229	0.38	88	84	86	0.21	NA	NA
8/ 8	85	73	79	-3	178	258	1.43	95	82	89	NA	NA	NA
8/ 9	90	73	82	0	200	290	0.00	90	82	86	0.17	NA	NA
8/10	91	72	82	0	222	322	0.11	91	82	87	0.19	NA	NA
8/11	91	71	81	-1	243	353	0.10	93	82	88	0.23	NA	NA
8/12	91	72	82	0	265	385	0.00	93	83	88	0.21	NA	NA
8/13	92	74	83	1	288	418	0.00	91	84	88	0.23	NA	NA
8/14	93	75	84	3	312	452	0.00	95	84	90	0.25	NA	NA
8/15	92	77	85	4	337	487	0.00	95	85	90	0.23	NA	NA
8/16	93	73	83	2	360	520	0.00	95	85	90	0.23	NA	NA
8/17	92	74	83	2	383	553	0.00	94	85	90	0.18	NA	NA
8/18	93	75	84	3	407	587	0.04	94	85	90	0.22	NA	NA
8/19	95	79	87	6	434	624	0.00	92	86	89	0.23	NA	NA
8/20	96	72	84	3	458	658	1.15	95	83	89	0.26	NA	NA
8/21	91	73	82	1	480	690	0.00	91	82	87	0.20	NA	NA
8/22	89	75	82	1	502	722	0.00	90	83	87	0.23	NA	NA
8/23	91	77	84	3	526	756	0.00	91	83	87	0.26	NA	NA
8/24	93	77	85	4	551	791	0.03	94	84	89	0.23	NA	NA
8/25	92	72	82	1	573	823	0.78	92	82	87	0.16	NA	NA
8/26	93	71	82	1	595	855	0.00	93	82	88	0.25	NA	NA
8/27	93	71	82	1	617	887	0.00	92	83	88	0.19	NA	NA
8/28	92	71	82	1	639	919	0.61	93	82	88	0.23	NA	NA
8/29	90	71	81	0	660	950	0.38	92	83	88	0.19	NA	NA
8/30	92	72	82	1	682	982	0.32	92	83	88	0.21	NA	NA
8/31	89	72	81	1	703	1013	0.00	89	83	86	0.14	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 91.6 Mean Minimum= 73.4 Average= 82.5
 DFN= +1.2 DFN= +1.6 DFN= +1.4
 Highest= 96 Lowest= 70

PRECIPITATION STATISTICS (inches):

Total= 7.57 DFN= +1.56 Greatest Daily= 1.65 Rain Days= 15
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 97 Lowest= 82 Average= 88

AVERAGE DAILY VALUES:

 Pan Evaporation= .21 (in)

Daily Weather Observations: Gulf Coast Substation, Fairhope

DATE	AIR TEMPERATURE			GDD			PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
9/ 1	90	72	81	1	21	31	0.19	89	83	86	0.12	NA	NA
9/ 2	85	73	79	-1	40	60	0.48	85	82	84	0.08	NA	NA
9/ 3	81	74	78	-2	58	88	1.16	82	80	81	0.06	NA	NA
9/ 4	79	74	77	-3	75	115	0.90	81	80	81	0.01	NA	NA
9/ 5	82	74	78	-2	93	143	0.02	83	80	82	0.06	NA	NA
9/ 6	84	72	78	-2	111	171	0.08	82	79	81	0.14	NA	NA
9/ 7	87	72	80	0	131	201	0.13	89	80	85	0.11	NA	NA
9/ 8	80	69	75	-5	146	226	0.14	81	79	80	0.07	NA	NA
9/ 9	86	69	78	-1	164	254	0.00	85	79	82	0.13	NA	NA
9/10	90	70	80	1	184	284	0.00	91	80	86	0.20	NA	NA
9/11	89	67	78	-1	202	312	0.76	88	78	83	0.18	NA	NA
9/12	86	67	77	-2	219	339	0.00	88	78	83	0.17	NA	NA
9/13	89	68	79	0	238	368	0.00	89	80	85	0.19	NA	NA
9/14	89	74	82	3	260	400	0.16	89	80	85	0.16	NA	NA
9/15	91	71	81	2	281	431	0.31	90	81	86	0.19	NA	NA
9/16	89	70	80	2	301	461	0.02	89	80	85	0.14	NA	NA
9/17	88	70	79	1	320	490	0.33	88	80	84	0.13	NA	NA
9/18	87	70	79	1	339	519	0.00	88	80	84	0.16	NA	NA
9/19	90	70	80	2	359	549	0.00	90	80	85	0.19	NA	NA
9/20	91	72	82	4	381	581	0.25	92	81	87	0.17	NA	NA
9/21	91	73	82	5	403	613	Trace	91	80	86	0.18	NA	NA
9/22	92	67	80	3	423	643	0.00	90	81	86	0.18	NA	NA
9/23	92	64	78	2	441	671	0.00	91	79	85	0.21	NA	NA
9/24	91	64	78	2	459	699	0.00	91	79	85	0.18	NA	NA
9/25	93	73	83	7	482	732	0.00	92	80	86	0.19	NA	NA
9/26	89	70	80	5	502	762	0.00	93	80	87	0.20	NA	NA
9/27	88	69	79	4	521	791	0.06	89	80	85	0.15	NA	NA
9/28	80	51	66	-9	527	807	Trace	86	77	82	0.23	NA	NA
9/29	80	51	66	-9	533	823	0.00	84	71	78	0.19	NA	NA
9/30	87	57	72	-2	545	845	0.00	86	72	79	0.23	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 87.2 Mean Minimum= 68.6 Average= 77.9
 DFN= +0.0 DFN= +0.3 DFN= +0.1
 Highest= 93 Lowest= 51

PRECIPITATION STATISTICS (inches):

Total= 4.99 DFN= -2.19 Greatest Daily= 1.16 Rain Days= 15
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 93 Lowest= 71 Average= 84

AVERAGE DAILY VALUES:

 Pan Evaporation= .15 (in)

Daily Weather Observations: Gulf Coast Substation, Fairhope

DATE	AIR TEMPERATURE			GDD			PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
10/ 1	82	53	68	-6	8	18	0.00	85	71	78	0.21	NA	NA
10/ 2	83	53	68	-6	16	36	0.00	85	71	78	0.20	NA	NA
10/ 3	84	55	70	-3	26	56	0.00	87	71	79	0.17	NA	NA
10/ 4	87	62	75	2	41	81	0.00	87	74	81	0.18	NA	NA
10/ 5	86	62	74	2	55	105	0.00	89	75	82	0.17	NA	NA
10/ 6	88	57	73	1	68	128	0.00	89	75	82	0.23	NA	NA
10/ 7	89	58	74	3	82	152	0.00	87	75	81	0.17	NA	NA
10/ 8	84	60	72	1	94	174	0.00	85	75	80	0.16	NA	NA
10/ 9	85	60	73	2	107	197	0.00	87	76	82	0.14	NA	NA
10/10	87	59	73	2	120	220	0.00	89	76	83	0.19	NA	NA
10/11	74	45	60	-10	120	230	0.00	87	72	80	0.21	NA	NA
10/12	74	45	60	-10	120	240	0.00	82	70	76	0.23	NA	NA
10/13	75	49	62	-8	122	252	0.00	84	70	77	0.15	NA	NA
10/14	74	56	65	-4	127	267	0.01	75	70	73	0.08	NA	NA
10/15	80	61	71	2	138	288	0.00	78	72	75	0.09	NA	NA
10/16	77	69	73	4	151	311	0.08	77	74	76	0.04	NA	NA
10/17	81	65	73	5	164	334	0.00	79	73	76	0.08	NA	NA
10/18	86	65	76	8	180	360	0.00	85	73	79	0.14	NA	NA
10/19	87	66	77	9	197	387	0.00	86	75	81	0.13	NA	NA
10/20	87	67	77	10	214	414	0.44	83	76	80	0.12	NA	NA
10/21	85	69	77	10	231	441	0.03	80	76	78	0.09	NA	NA
10/22	80	56	68	1	239	459	0.01	80	73	77	0.10	NA	NA
10/23	66	56	61	-6	240	470	0.00	74	69	72	0.11	NA	NA
10/24	67	58	63	-3	243	483	0.00	71	68	70	0.04	NA	NA
10/25	79	59	69	3	252	502	0.00	78	68	73	0.13	NA	NA
10/26	73	59	66	0	258	518	0.00	73	69	71	0.05	NA	NA
10/27	81	59	70	5	268	538	0.00	78	69	74	0.10	NA	NA
10/28	80	50	65	0	273	553	0.00	78	67	73	0.17	NA	NA
10/29	70	50	60	-4	273	563	0.03	74	67	71	0.12	NA	NA
10/30	75	58	67	3	280	580	4.65	71	67	69	NA	NA	NA
10/31	59	35	47	-17	280	580	0.05	70	53	62	0.10	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 79.5 Mean Minimum= 57.3 Average= 68.4
 DFN= -0.1 DFN= +0.1 DFN= +0.0
 Highest= 89 Lowest= 35

PRECIPITATION STATISTICS (inches):

Total= 5.30 DFN= +2.17 Greatest Daily= 4.65 Rain Days= 8
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 89 Lowest= 53 Average= 76

AVERAGE DAILY VALUES:

 Pan Evaporation= .14 (in)

Daily Weather Observations: Gulf Coast Substation, Fairhope

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
11/ 1	49	29	39	-24	0	0	0.00	57	48	53	NA	NA	NA
11/ 2	57	32	45	-18	0	0	0.00	59	48	54	0.08	NA	NA
11/ 3	64	37	51	-12	0	1	0.00	60	49	55	0.08	NA	NA
11/ 4	73	41	57	-5	0	8	0.00	64	59	62	0.09	NA	NA
11/ 5	77	59	68	6	8	26	0.04	66	60	63	0.04	NA	NA
11/ 6	74	48	61	-1	9	37	0.76	69	64	67	0.10	NA	NA
11/ 7	58	31	45	-16	9	37	0.00	64	51	58	0.17	NA	NA
11/ 8	56	34	45	-16	9	37	0.00	58	51	55	0.08	NA	NA
11/ 9	58	42	50	-11	9	37	0.04	55	50	53	0.04	NA	NA
11/10	57	47	52	-9	9	39	0.20	56	55	56	NA	NA	NA
11/11	70	41	56	-4	9	45	0.00	63	53	58	0.10	NA	NA
11/12	72	43	58	-2	9	53	0.00	62	52	57	0.09	NA	NA
11/13	74	49	62	2	11	65	0.00	63	52	58	0.02	NA	NA
11/14	78	65	72	12	23	87	Trace	68	63	66	0.05	NA	NA
11/15	82	73	78	19	41	115	0.48	73	69	71	0.12	NA	NA
11/16	79	66	73	14	54	138	0.28	70	70	70	0.05	NA	NA
11/17	81	69	75	16	69	163	0.00	74	70	72	0.07	NA	NA
11/18	77	45	61	2	70	174	0.00	72	61	67	0.13	NA	NA
11/19	65	45	55	-4	70	179	0.00	76	59	68	0.08	NA	NA
11/20	67	49	58	0	70	187	0.00	64	60	62	0.04	NA	NA
11/21	62	36	49	-9	70	187	0.00	62	51	57	0.14	NA	NA
11/22	65	36	51	-7	70	188	0.00	59	50	55	0.09	NA	NA
11/23	72	41	57	-1	70	195	0.00	60	50	55	0.08	NA	NA
11/24	71	45	58	0	70	203	0.00	62	53	58	0.09	NA	NA
11/25	74	43	59	2	70	212	0.00	63	53	58	0.10	NA	NA
11/26	75	48	62	5	72	224	0.00	62	48	55	0.10	NA	NA
11/27	74	46	60	3	72	234	0.00	65	55	60	0.11	NA	NA
11/28	52	33	43	-14	72	234	0.00	58	49	54	0.03	NA	NA
11/29	64	35	50	-7	72	234	0.00	55	47	51	0.07	NA	NA
11/30	69	37	53	-3	72	237	0.00	58	49	54	0.09	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 68.2 Mean Minimum= 44.8 Average= 56.5
 DFN= -1.8 DFN= -3.7 DFN= -2.7
 Highest= 82 Lowest= 29

PRECIPITATION STATISTICS (inches):

Total= 1.80 DFN= -1.95 Greatest Daily= 0.76 Rain Days= 6
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 76 Lowest= 47 Average= 59

AVERAGE DAILY VALUES:

 Pan Evaporation= .08 (in)

Daily Weather Observations: Gulf Coast Substation, Fairhope

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
12/ 1	71	38	55	-1	0	5	0.00	59	49	54	0.08	NA	NA
12/ 2	73	46	60	4	0	15	0.00	60	50	55	0.11	NA	NA
12/ 3	73	49	61	5	1	26	0.00	61	52	57	0.07	NA	NA
12/ 4	73	57	65	9	6	41	0.00	63	57	60	0.07	NA	NA
12/ 5	76	47	62	7	8	53	0.42	62	56	59	0.12	NA	NA
12/ 6	64	48	56	1	8	59	0.00	60	55	58	0.09	NA	NA
12/ 7	65	38	52	-3	8	61	0.00	61	51	56	0.09	NA	NA
12/ 8	60	38	49	-6	8	61	0.00	58	51	55	0.05	NA	NA
12/ 9	68	45	57	2	8	68	0.00	59	51	55	0.07	NA	NA
12/10	70	46	58	3	8	76	Trace	59	52	56	0.05	NA	NA
12/11	68	45	57	3	8	83	0.03	61	53	57	0.03	NA	NA
12/12	59	32	46	-8	8	83	0.00	58	47	53	0.13	NA	NA
12/13	59	33	46	-8	8	83	0.00	52	47	50	0.07	NA	NA
12/14	69	49	59	5	8	92	1.62	58	50	54	0.12	NA	NA
12/15	57	33	45	-9	8	92	0.00	57	51	54	0.12	NA	NA
12/16	51	35	43	-11	8	92	0.00	54	47	51	0.05	NA	NA
12/17	55	36	46	-8	8	92	0.00	54	47	51	0.04	NA	NA
12/18	52	35	44	-9	8	92	0.00	52	46	49	0.02	NA	NA
12/19	63	40	52	-1	8	94	0.03	53	45	49	0.06	NA	NA
12/20	61	45	53	0	8	97	0.73	54	50	52	0.01	NA	NA
12/21	66	38	52	-1	8	99	1.02	60	52	56	0.09	NA	NA
12/22	52	37	45	-8	8	99	0.00	54	50	52	0.10	NA	NA
12/23	43	35	39	-14	8	99	0.81	50	45	48	NA	NA	NA
12/24	42	36	39	-14	8	99	0.01	45	44	45	0.04	NA	NA
12/25	39	33	36	-17	8	99	0.04	45	41	43	NA	NA	NA
12/26	58	28	43	-9	8	99	0.00	48	40	44	NA	NA	NA
12/27	59	33	46	-6	8	99	0.00	48	40	44	0.07	NA	NA
12/28	69	40	55	3	8	104	0.00	50	42	46	0.06	NA	NA
12/29	72	48	60	8	8	114	0.02	58	49	54	0.09	NA	NA
12/30	59	33	46	-6	8	114	0.00	58	47	53	0.08	NA	NA
12/31	51	27	39	-13	8	114	0.00	49	40	45	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 61.2 Mean Minimum= 39.5 Average= 50.3
 DFN= -2.6 DFN= -3.8 DFN= -3.2
 Highest= 76 Lowest= 27

PRECIPITATION STATISTICS (inches):

Total= 4.73 DFN= -0.35 Greatest Daily= 1.62 Rain Days= 10
 Daily precipitation amount of Trace is less than .01 inch.

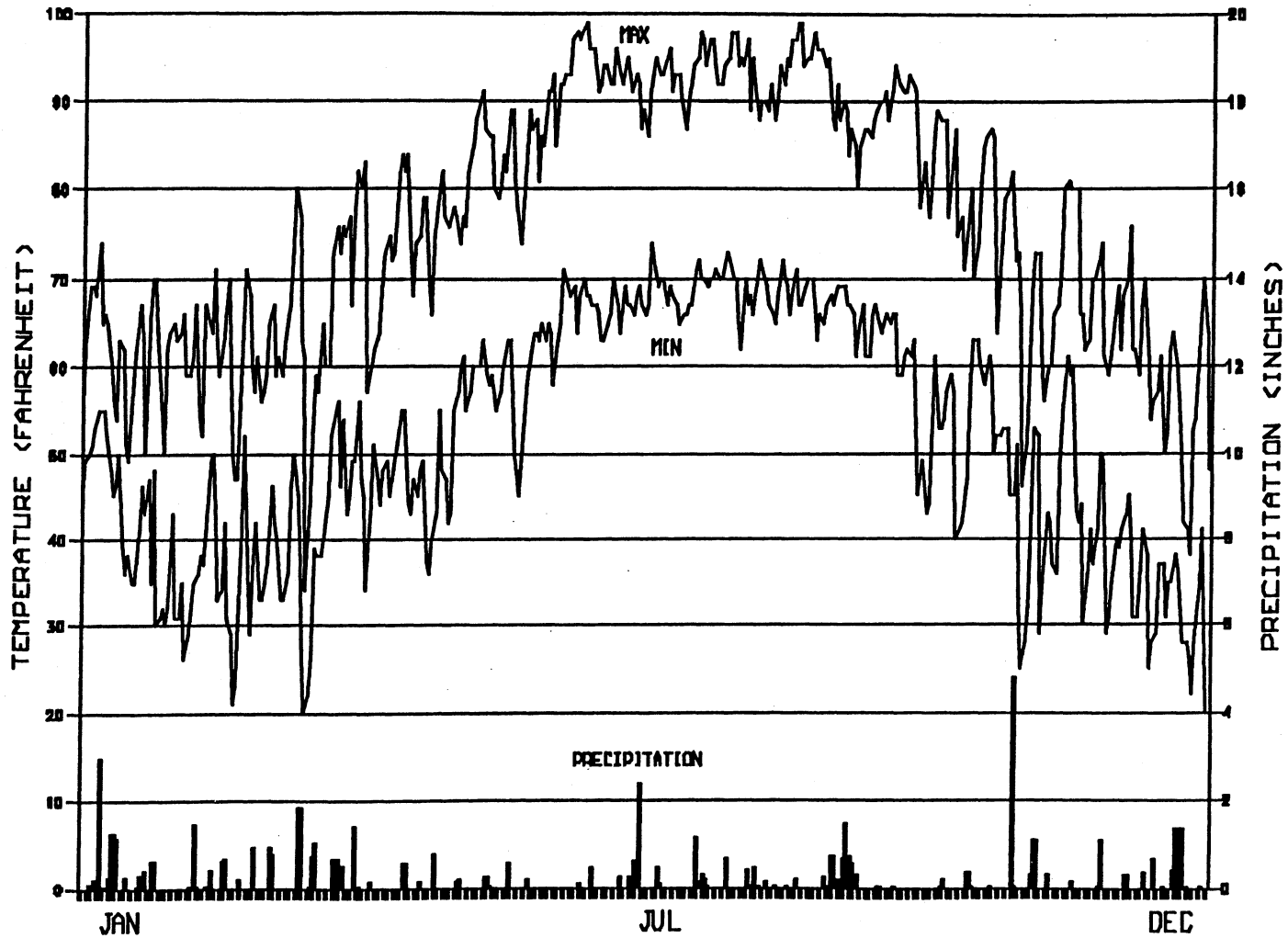
SOIL TEMPERATURES (in degrees F):

Highest= 63 Lowest= 40 Average= 52

AVERAGE DAILY VALUES:

 Pan Evaporation= .07 (in)

Wiregrass Substation, Headland
Daily Precipitation, Maximum and Minimum Temperature
January 1 - December 31 1993



Monthly precipitation summary: Wiregrass Substation, Headland

For the period: Sunday January 1, 1984
to: Thursday December 31, 1992

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1984	5.41	4.17	3.58	6.20	3.05	6.55	4.36	3.94	0.72	1.02	2.36	1.60	42.96
	0.14	-0.97	-1.86	1.62	-1.30	1.93	-1.59	-1.02	-3.36	-1.31	-0.87	-3.28	-11.87
1985	3.69	7.60	2.21	1.77	4.21	2.77	5.60	5.80	2.18	6.31	4.29	4.77	51.20
	-1.58	2.64	-3.23	-2.81	-0.14	-1.85	-0.35	0.84	-1.90	3.98	1.06	-0.11	-3.45
1986	4.24	5.31	3.82	0.41	4.79	2.69	4.70	4.99	1.99	2.86	3.23	4.50	43.53
	-1.03	0.35	-1.62	-4.17	0.44	-1.93	-1.25	0.03	-2.09	0.53	0.00	-0.38	-11.12
1987	6.63	4.85	5.99	0.32	6.92	6.68	2.07	4.67	2.53	0.01	4.67	1.46	46.80
	1.36	-0.11	0.55	-4.26	2.57	2.06	-3.88	-0.29	-1.55	-2.32	1.44	-3.42	-7.85
1988	7.30	5.23	7.17	2.02	1.28	2.60	9.46	1.13	7.72	2.82	2.09	1.37	50.19
	2.03	0.09	1.73	-2.56	-3.07	-2.02	3.51	-3.83	3.64	0.49	-1.14	-3.51	-4.64
1989	2.77	3.35	5.15	3.00	5.58	11.57	7.15	1.09	5.18	7.01	10.04	5.03	66.92
	-2.50	-1.61	-0.29	-1.58	1.23	6.95	1.20	-3.87	1.10	4.68	6.81	0.15	12.27
1990	8.26	4.64	4.34	2.12	3.47	2.74	3.18	1.18	0.77	2.10	1.80	3.30	37.90
	2.99	-0.32	-1.10	-2.46	-0.88	-1.88	-2.77	-3.78	-3.31	-0.23	-1.43	-1.58	-16.75
1991	13.69	1.43	9.43	3.31	8.79	3.08	5.78	5.56	2.71	1.20	3.32	2.50	60.80
	8.42	-3.53	3.99	-1.27	4.44	-1.54	-0.17	0.60	-1.37	-1.13	0.09	-2.38	6.15
1992	10.90	8.08	7.48	0.59	2.49	3.84	7.44	4.87	0.74	2.63	11.53	3.70	64.29
	5.63	2.94	2.04	-3.99	-1.86	-0.78	1.49	-0.09	-3.34	0.30	8.30	-1.18	9.46

SUMMARY FOR 1984 TO 1992													
	5.27	5.14	5.44	4.58	4.35	4.62	5.95	4.96	4.08	2.33	3.23	4.88	54.83
	15.46	-0.52	0.21	-21.48	1.43	0.94	-3.81	-11.41	-12.18	4.99	14.26	-15.69	-27.80

YEARLY TOTALS: LINE 1 OBSERVED MONTHLY RAIN TOTALS
LINE 2 DEPARTURE FROM NORMAL (DFN)
SUMMARY TOTALS: LINE 1 NORMAL MONTHLY RAIN TOTALS
LINE 2 CUMULATIVE MONTHLY DFN

NOTE: All Precip normals are based on the 1951-80 period.
Missing MONTHLY or YEARLY totals are NOT included
in the summary totals!

Daily Weather Observations: Wiregrass Substation, Headland

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
1/ 1	55	45	50	2	0	0	0.00	55	55	55	0.02	NA	NA
1/ 2	63	49	56	8	0	6	0.00	55	54	55	0.03	NA	NA
1/ 3	69	50	60	12	0	16	0.00	56	54	55	0.08	NA	NA
1/ 4	69	51	60	12	0	26	0.00	56	55	56	0.13	NA	NA
1/ 5	68	53	61	13	1	37	0.08	59	56	58	0.01	NA	NA
1/ 6	74	55	65	17	6	52	0.16	60	60	60	0.05	NA	NA
1/ 7	65	55	60	12	6	62	0.02	61	60	61	0.01	NA	NA
1/ 8	66	55	61	13	7	73	2.98	61	60	61	NA	NA	NA
1/ 9	65	52	59	11	7	82	0.04	61	60	61	0.10	NA	NA
1/10	60	48	54	6	7	86	0.00	60	59	60	0.02	NA	NA
1/11	56	45	51	3	7	87	0.22	60	55	58	0.04	NA	NA
1/12	54	46	50	2	7	87	1.23	58	55	57	NA	NA	NA
1/13	63	50	57	9	7	94	1.14	58	54	56	NA	NA	NA
1/14	62	39	51	3	7	95	0.00	59	55	57	0.19	NA	NA
1/15	51	36	44	-4	7	95	0.00	55	52	54	0.05	NA	NA
1/16	49	38	44	-4	7	95	0.22	51	49	50	0.05	NA	NA
1/17	58	35	47	-1	7	95	0.00	50	50	50	0.13	NA	NA
1/18	62	35	49	1	7	95	0.00	51	50	51	0.12	NA	NA
1/19	67	41	54	6	7	99	0.00	54	49	52	0.18	NA	NA
1/20	63	46	55	7	7	104	0.03	55	52	54	0.16	NA	NA
1/21	50	43	47	-1	7	104	0.28	55	53	54	0.02	NA	NA
1/22	66	47	57	9	7	111	0.38	55	50	53	0.05	NA	NA
1/23	70	35	53	5	7	114	0.00	54	51	53	0.18	NA	NA
1/24	70	48	59	11	7	123	0.00	54	51	53	0.07	NA	NA
1/25	64	30	47	-1	7	123	0.58	54	51	53	0.09	NA	NA
1/26	55	31	43	-5	7	123	0.00	50	50	50	0.07	NA	NA
1/27	50	32	41	-7	7	123	0.00	50	48	49	0.06	NA	NA
1/28	62	30	46	-2	7	123	0.00	47	47	47	0.17	NA	NA
1/29	64	32	48	0	7	123	0.00	50	44	47	0.10	NA	NA
1/30	65	43	54	5	7	127	0.00	51	47	49	NA	NA	NA
1/31	63	31	47	-2	7	127	0.00	52	47	50	0.05	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 61.9 Mean Minimum= 42.8 Average= 52.3
 DFN= +3.1 DFN= +5.8 DFN= +4.4
 Highest= 74 Lowest= 30

PRECIPITATION STATISTICS (inches):

Total= 7.36 DFN= +2.09 Greatest Daily= 2.98 Rain Days= 13
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 61 Lowest= 44 Average= 54

AVERAGE DAILY VALUES:

Pan Evaporation= .08 (in)

Daily Weather Observations: Wiregrass Substation, Headland

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
2/ 1	64	31	48	-1	0	0	0.00	48	44	46	0.12	NA	NA
2/ 2	66	35	51	2	0	1	0.00	49	46	48	0.16	NA	NA
2/ 3	59	26	43	-6	0	1	0.00	48	46	47	0.12	NA	NA
2/ 4	59	29	44	-5	0	1	0.00	58	44	51	0.11	NA	NA
2/ 5	61	32	47	-2	0	1	0.00	47	44	46	0.07	NA	NA
2/ 6	67	35	51	1	0	2	0.03	51	44	48	0.12	NA	NA
2/ 7	54	36	45	-5	0	2	1.48	51	51	51	NA	NA	NA
2/ 8	52	38	45	-5	0	2	0.04	50	50	50	NA	NA	NA
2/ 9	67	37	52	2	0	4	0.00	52	49	51	0.09	NA	NA
2/10	66	41	54	4	0	8	0.00	52	45	49	0.16	NA	NA
2/11	64	49	57	6	0	15	0.06	54	52	53	0.09	NA	NA
2/12	71	50	61	10	1	26	0.38	55	52	54	0.03	NA	NA
2/13	63	43	53	2	1	29	0.00	55	54	55	0.20	NA	NA
2/14	59	33	46	-5	1	29	0.00	51	50	51	0.15	NA	NA
2/15	63	34	49	-2	1	29	0.00	51	48	50	0.05	NA	NA
2/16	67	42	55	4	1	34	0.62	54	49	52	0.16	NA	NA
2/17	70	31	51	0	1	35	0.64	55	50	53	0.08	NA	NA
2/18	50	29	40	-12	1	35	0.00	52	48	50	0.21	NA	NA
2/19	47	21	34	-18	1	35	0.00	50	45	48	NA	NA	NA
2/20	47	23	35	-17	1	35	0.00	42	40	41	NA	NA	NA
2/21	63	40	52	0	1	37	0.00	51	41	46	0.14	NA	NA
2/22	71	52	62	10	3	49	0.16	55	47	51	0.08	NA	NA
2/23	68	35	52	-1	3	51	0.00	57	51	54	0.21	NA	NA
2/24	60	29	45	-8	3	51	0.00	53	49	51	0.04	NA	NA
2/25	57	37	47	-6	3	51	0.00	51	46	49	0.26	NA	NA
2/26	61	42	52	-1	3	53	0.92	52	49	51	0.05	NA	NA
2/27	56	33	45	-9	3	53	0.00	54	50	52	0.30	NA	NA
2/28	57	33	45	-9	3	53	0.00	52	47	50	0.13	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 61.0 Mean Minimum= 35.6 Average= 48.3
 DFN= -1.2 DFN= -3.7 DFN= -2.5
 Highest= 71 Lowest= 21

PRECIPITATION STATISTICS (inches):

Total= 4.33 DFN= -0.63 Greatest Daily= 1.48 Rain Days= 9
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 58 Lowest= 40 Average= 50

AVERAGE DAILY VALUES:

 Pan Evaporation= .13 (in)

Daily Weather Observations: Wiregrass Substation, Headland

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			VEG WET	SOLAR ENERGY	
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			EVAP
3/ 1	59	35	47	-7	0	0	0.00	51	49	50	0.06	NA	NA
3/ 2	65	37	51	-3	0	1	0.00	53	47	50	0.08	NA	NA
3/ 3	67	46	57	2	0	8	0.93	54	51	53	0.03	NA	NA
3/ 4	59	42	51	-4	0	9	0.77	55	52	54	NA	NA	NA
3/ 5	61	40	51	-4	0	10	0.00	55	51	53	0.22	NA	NA
3/ 6	59	33	46	-9	0	10	0.00	54	49	52	0.35	NA	NA
3/ 7	63	33	48	-8	0	10	0.00	55	50	53	0.10	NA	NA
3/ 8	67	36	52	-4	0	12	0.00	55	50	53	0.09	NA	NA
3/ 9	73	46	60	4	0	22	0.00	57	49	53	0.24	NA	NA
3/10	80	50	65	9	5	37	0.00	59	50	55	0.22	NA	NA
3/11	77	45	61	4	6	48	0.00	60	53	57	0.25	NA	NA
3/12	63	38	51	-6	6	49	0.00	59	54	57	0.19	NA	NA
3/13	61	27	44	-13	6	49	1.82	55	46	51	NA	NA	NA
3/14	34	20	27	-30	6	49	0.00	46	43	45	NA	NA	NA
3/15	44	22	33	-25	6	49	0.00	46	40	43	NA	NA	NA
3/16	53	26	40	-18	6	49	0.04	48	42	45	NA	NA	NA
3/17	59	39	49	-9	6	49	0.73	50	45	48	0.07	NA	NA
3/18	57	38	48	-10	6	49	1.03	52	50	51	NA	NA	NA
3/19	65	38	52	-7	6	51	0.00	55	48	52	0.18	NA	NA
3/20	60	40	50	-9	6	51	0.00	55	49	52	NA	NA	NA
3/21	60	45	53	-6	6	54	0.00	55	50	53	NA	NA	NA
3/22	73	52	63	3	9	67	0.00	57	53	55	0.09	NA	NA
3/23	76	55	66	6	15	83	0.00	60	55	58	0.13	NA	NA
3/24	73	56	65	5	20	98	0.64	61	59	60	0.13	NA	NA
3/25	76	46	61	1	21	109	0.00	63	59	61	0.15	NA	NA
3/26	75	54	65	4	26	124	0.68	67	57	62	0.29	NA	NA
3/27	77	43	60	-1	26	134	0.50	60	59	60	NA	NA	NA
3/28	67	45	56	-5	26	140	0.00	62	57	60	0.13	NA	NA
3/29	77	49	63	1	29	153	0.00	64	57	61	0.17	NA	NA
3/30	82	49	66	4	35	169	0.00	67	58	63	0.17	NA	NA
3/31	80	56	68	6	43	187	1.40	65	58	62	0.22	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 65.9 Mean Minimum= 41.3 Average= 53.6
 DFN= -3.7 DFN= -4.7 DFN= -4.2
 Highest= 82 Lowest= 20

PRECIPITATION STATISTICS (inches):

Total= 8.54 DFN= +3.10 Greatest Daily= 1.82 Rain Days= 10
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 67 Lowest= 40 Average= 54

AVERAGE DAILY VALUES:

 Pan Evaporation= .16 (in)

Daily Weather Observations: Wiregrass Substation, Headland

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
4/ 1	83	47	65	2	5	15	0.02	68	61	65	0.22	NA	NA
4/ 2	74	45	60	-3	5	25	0.00	65	59	62	0.33	NA	NA
4/ 3	57	34	46	-17	5	25	0.00	60	55	58	0.02	NA	NA
4/ 4	60	43	52	-12	5	27	0.00	58	54	56	0.19	NA	NA
4/ 5	62	51	57	-7	5	34	0.12	59	55	57	0.03	NA	NA
4/ 6	64	47	56	-8	5	40	0.00	60	58	59	0.10	NA	NA
4/ 7	69	44	57	-8	5	47	0.00	65	57	61	0.21	NA	NA
4/ 8	73	48	61	-4	6	58	0.00	65	58	62	0.20	NA	NA
4/ 9	75	49	62	-3	8	70	0.00	64	59	62	0.32	NA	NA
4/10	72	45	59	-7	8	79	0.00	64	59	62	0.25	NA	NA
4/11	73	47	60	-6	8	89	0.00	63	59	61	0.25	NA	NA
4/12	82	51	67	1	15	106	0.00	66	59	63	0.19	NA	NA
4/13	84	53	69	3	24	125	0.00	70	62	66	0.32	NA	NA
4/14	82	55	69	2	33	144	0.00	70	64	67	0.22	NA	NA
4/15	84	55	70	3	43	164	0.00	70	64	67	0.21	NA	NA
4/16	73	44	59	-8	43	173	0.53	68	62	65	0.13	NA	NA
4/17	68	43	56	-11	43	179	0.00	68	60	64	0.39	NA	NA
4/18	74	47	61	-7	44	190	0.00	68	59	64	0.29	NA	NA
4/19	75	45	60	-8	44	200	0.00	69	62	66	0.16	NA	NA
4/20	79	48	64	-4	48	214	0.00	70	61	66	0.17	NA	NA
4/21	79	49	64	-4	52	228	0.12	70	62	66	0.22	NA	NA
4/22	69	37	53	-16	52	231	0.00	70	60	65	0.29	NA	NA
4/23	66	36	51	-18	52	232	0.00	66	60	63	0.37	NA	NA
4/24	75	40	58	-11	52	240	0.00	69	58	64	0.23	NA	NA
4/25	80	43	62	-7	54	252	0.00	70	61	66	0.26	NA	NA
4/26	82	55	69	0	63	271	0.76	70	64	67	0.21	NA	NA
4/27	77	48	63	-6	66	284	0.00	71	64	68	0.17	NA	NA
4/28	76	47	62	-8	68	296	0.00	72	63	68	0.22	NA	NA
4/29	77	42	60	-10	68	306	0.00	71	63	67	0.36	NA	NA
4/30	78	43	61	-9	69	317	0.00	71	62	67	0.22	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 74.1 Mean Minimum= 46.0 Average= 60.0
 DFN= -4.7 DFN= -8.5 DFN= -6.6
 Highest= 84 Lowest= 34

PRECIPITATION STATISTICS (inches):

Total= 1.55 DFN= -3.03 Greatest Daily= 0.76 Rain Days= 5
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 72 Lowest= 54 Average= 64

AVERAGE DAILY VALUES:

 Pan Evaporation= .22 (in)

Daily Weather Observations: Wiregrass Substation, Headland

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
5/ 1	77	55	66	-4	6	16	0.00	69	65	67	0.23	NA	NA
5/ 2	74	57	66	-5	12	32	0.00	67	65	66	0.14	NA	NA
5/ 3	77	60	69	-2	21	51	0.13	66	66	66	0.13	NA	NA
5/ 4	76	61	69	-2	30	70	0.16	67	65	66	0.06	NA	NA
5/ 5	82	55	69	-2	39	89	0.00	86	67	77	0.28	NA	NA
5/ 6	85	57	71	-1	50	110	0.00	85	66	76	0.30	NA	NA
5/ 7	88	60	74	2	64	134	0.00	73	68	71	0.30	NA	NA
5/ 8	90	60	75	3	79	159	0.00	76	69	73	0.28	NA	NA
5/ 9	91	60	76	4	95	185	0.00	79	69	74	0.28	NA	NA
5/10	87	63	75	2	110	210	0.00	76	71	74	0.34	NA	NA
5/11	86	59	73	0	123	233	0.00	80	72	76	0.26	NA	NA
5/12	86	58	72	-1	135	255	0.00	76	72	74	0.31	NA	NA
5/13	80	59	70	-3	145	275	0.23	72	70	71	0.15	NA	NA
5/14	79	55	67	-6	152	292	0.03	71	68	70	0.31	NA	NA
5/15	80	56	68	-6	160	310	0.00	74	68	71	0.18	NA	NA
5/16	84	57	71	-3	171	331	0.00	79	68	74	0.29	NA	NA
5/17	82	60	71	-3	182	352	0.00	80	70	75	0.32	NA	NA
5/18	89	63	76	2	198	378	0.00	80	72	76	0.26	NA	NA
5/19	89	63	76	2	214	404	0.00	81	74	78	0.29	NA	NA
5/20	81	57	69	-5	223	423	0.54	77	72	75	0.24	NA	NA
5/21	78	50	64	-11	227	437	0.00	78	69	74	0.31	NA	NA
5/22	74	45	60	-15	227	447	0.00	76	66	71	NA	NA	NA
5/23	79	49	64	-11	231	461	0.00	77	67	72	0.19	NA	NA
5/24	89	58	74	-1	245	485	0.00	79	68	74	0.31	NA	NA
5/25	87	60	74	-1	259	509	0.00	77	69	73	0.21	NA	NA
5/26	88	64	76	0	275	535	0.16	79	71	75	0.28	NA	NA
5/27	81	64	73	-3	288	558	0.00	76	72	74	0.19	NA	NA
5/28	86	63	75	-1	303	583	0.00	79	72	76	0.19	NA	NA
5/29	85	65	75	-1	318	608	0.00	78	72	75	0.29	NA	NA
5/30	91	63	77	1	335	635	0.00	81	75	78	0.23	NA	NA
5/31	91	65	78	1	353	663	0.00	81	74	78	0.25	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 83.6 Mean Minimum= 58.7 Average= 71.2
 DFN= -1.2 DFN= -3.1 DFN= -2.1
 Highest= 91 Lowest= 45

PRECIPITATION STATISTICS (inches):

Total= 1.25 DFN= -3.10 Greatest Daily= 0.54 Rain Days= 6
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 86 Lowest= 65 Average= 73

AVERAGE DAILY VALUES:

 Pan Evaporation= .25 (in)

Daily Weather Observations: Wiregrass Substation, Headland

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
6/ 1	93	64	79	2	19	29	0.00	84	75	80	0.30	NA	NA
6/ 2	85	58	72	-5	31	51	0.00	85	75	80	0.30	NA	NA
6/ 3	92	63	78	1	49	79	0.00	85	74	80	0.31	NA	NA
6/ 4	92	65	79	2	68	108	0.00	86	76	81	0.37	NA	NA
6/ 5	93	71	82	4	90	140	0.00	86	78	82	0.29	NA	NA
6/ 6	93	69	81	3	111	171	0.00	95	79	87	0.29	NA	NA
6/ 7	97	68	83	5	134	204	0.00	89	78	84	0.28	NA	NA
6/ 8	98	69	84	6	158	238	0.00	89	80	85	0.39	NA	NA
6/ 9	97	64	81	3	179	269	0.00	90	80	85	0.34	NA	NA
6/10	98	68	83	5	202	302	0.00	91	80	86	0.34	NA	NA
6/11	99	70	85	6	227	337	0.00	92	81	87	NA	NA	NA
6/12	96	68	82	3	249	369	0.08	89	81	85	0.29	NA	NA
6/13	96	68	82	3	271	401	0.00	88	80	84	0.24	NA	NA
6/14	96	67	82	3	293	433	0.00	90	81	86	0.31	NA	NA
6/15	91	67	79	0	312	462	0.00	90	82	86	0.25	NA	NA
6/16	92	66	79	0	331	491	0.44	88	80	84	0.20	NA	NA
6/17	94	63	79	0	350	520	0.00	88	79	84	0.32	NA	NA
6/18	94	63	79	0	369	549	0.00	88	70	79	0.32	NA	NA
6/19	92	65	79	0	388	578	0.00	86	79	83	NA	10	NA
6/20	92	66	79	-1	407	607	0.00	86	79	83	NA	10	NA
6/21	96	70	83	3	430	640	0.00	88	80	84	0.28	NA	NA
6/22	93	67	80	0	450	670	0.00	86	80	83	0.22	NA	NA
6/23	92	64	78	-2	468	698	0.00	86	79	83	0.29	NA	NA
6/24	95	69	82	2	490	730	0.00	90	79	85	0.17	NA	NA
6/25	93	67	80	0	510	760	0.26	88	81	85	0.26	NA	NA
6/26	91	67	79	-1	529	789	0.00	87	78	83	0.19	7	NA
6/27	93	66	80	0	549	819	0.00	88	78	83	0.15	NA	NA
6/28	92	68	80	0	569	849	0.24	86	80	83	0.28	NA	NA
6/29	87	69	78	-2	587	877	0.08	85	78	82	0.19	NA	NA
6/30	89	67	78	-2	605	905	0.62	85	78	82	0.06	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 93.4 Mean Minimum= 66.5 Average= 79.9
 DFN= +3.5 DFN= -1.1 DFN= +1.2
 Highest= 99 Lowest= 58

PRECIPITATION STATISTICS (inches):

Total= 1.72 DFN= -2.90 Greatest Daily= 0.62 Rain Days= 6
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 95 Lowest= 70 Average= 83

AVERAGE DAILY VALUES:

 Pan Evaporation= .27 (in)
 Hours of Wet Vegetation= 9.0

Daily Weather Observations: Wiregrass Substation, Headland

DATE	AIR TEMPERATURE			GDD			PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
7/ 1	86	66	76	-5	16	26	2.40	80	74	77	NA	NA	NA
7/ 2	91	67	79	-2	35	55	0.00	84	75	80	0.23	NA	NA
7/ 3	93	74	84	3	59	89	0.00	86	74	80	0.18	5	NA
7/ 4	95	72	84	3	83	123	0.00	87	76	82	0.39	11	NA
7/ 5	93	69	81	0	104	154	0.00	88	81	85	0.28	7	NA
7/ 6	93	70	82	1	126	186	0.00	89	82	86	0.16	NA	NA
7/ 7	94	70	82	1	148	218	0.46	89	81	85	NA	NA	NA
7/ 8	96	67	82	1	170	250	0.08	87	80	84	0.27	NA	NA
7/ 9	91	69	80	-1	190	280	0.00	88	77	83	0.18	NA	NA
7/10	93	68	81	0	211	311	0.00	89	81	85	0.24	NA	NA
7/11	93	67	80	-1	231	341	0.00	88	80	84	0.26	NA	NA
7/12	90	65	78	-3	249	369	0.00	85	80	83	0.20	NA	NA
7/13	87	66	77	-4	266	396	0.00	85	80	83	0.21	NA	NA
7/14	90	66	78	-2	284	424	0.00	84	80	82	0.18	NA	NA
7/15	92	67	80	0	304	454	0.00	84	80	82	0.24	NA	NA
7/16	94	67	81	1	325	485	0.00	86	80	83	0.28	NA	NA
7/17	95	71	83	2	348	518	0.00	87	81	84	0.22	NA	NA
7/18	98	72	85	4	373	553	0.00	89	81	85	NA	0	NA
7/19	97	70	84	3	397	587	1.12	89	81	85	0.38	NA	NA
7/20	94	70	82	1	419	619	0.13	87	81	84	0.16	NA	NA
7/21	97	69	83	2	442	652	0.28	87	81	84	0.31	NA	NA
7/22	97	70	84	3	466	686	0.20	88	80	84	0.29	NA	NA
7/23	94	70	82	1	488	718	0.02	89	82	86	0.15	NA	NA
7/24	92	71	82	1	510	750	0.00	88	82	85	0.31	NA	NA
7/25	92	70	81	0	531	781	0.00	87	82	85	0.22	9	NA
7/26	94	70	82	1	553	813	0.00	89	81	85	0.24	NA	NA
7/27	95	73	84	3	577	847	0.00	89	81	85	0.15	NA	NA
7/28	98	72	85	4	602	882	0.00	88	83	86	0.35	NA	NA
7/29	98	70	84	3	626	916	0.65	86	81	84	0.33	NA	NA
7/30	94	70	82	1	648	948	0.00	87	81	84	0.14	NA	NA
7/31	95	65	80	-1	668	978	0.00	86	81	84	NA	0	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 93.6 Mean Minimum= 69.1 Average= 81.4
 DFN= +2.7 DFN= -0.9 DFN= +0.9
 Highest= 98 Lowest= 65

PRECIPITATION STATISTICS (inches):

Total= 5.34 DFN= -0.61 Greatest Daily= 2.40 Rain Days= 9
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 89 Lowest= 74 Average= 83

AVERAGE DAILY VALUES:

 Pan Evaporation= .24 (in)
 Hours of Wet Vegetation= 5.3

Daily Weather Observations: Wiregrass Substation, Headland

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
8/ 1	94	62	78	-3	18	28	0.00	86	80	83	0.33	0	NA
8/ 2	97	70	84	3	42	62	0.00	85	80	83	0.15	NA	NA
8/ 3	89	67	78	-3	60	90	0.00	82	80	81	0.26	NA	NA
8/ 4	95	68	82	1	82	122	0.00	86	80	83	0.29	NA	NA
8/ 5	92	66	79	-2	101	151	0.41	84	80	82	0.07	NA	NA
8/ 6	88	70	79	-2	120	180	0.02	83	80	82	0.26	NA	NA
8/ 7	90	72	81	0	141	211	0.44	86	76	81	NA	8	NA
8/ 8	90	71	81	0	162	242	0.01	86	76	81	NA	13	NA
8/ 9	89	69	79	-2	181	271	0.02	83	78	81	0.22	NA	NA
8/10	92	67	80	-1	201	301	0.00	85	80	83	0.24	NA	NA
8/11	88	66	77	-4	218	328	0.10	84	80	82	0.20	NA	NA
8/12	90	65	78	-3	236	356	0.00	85	79	82	0.22	NA	NA
8/13	94	68	81	0	257	387	0.00	85	79	82	0.24	NA	NA
8/14	92	72	82	1	279	419	0.01	83	79	81	0.17	NA	NA
8/15	95	70	83	2	302	452	0.00	84	81	83	0.23	NA	NA
8/16	94	69	82	1	324	484	0.00	85	81	83	0.14	NA	NA
8/17	97	66	82	2	346	516	0.00	86	61	74	0.37	NA	NA
8/18	97	70	84	4	370	550	0.04	86	81	84	0.28	NA	NA
8/19	99	71	85	5	395	585	0.00	87	81	84	0.27	NA	NA
8/20	99	67	83	3	418	618	0.00	88	82	85	0.26	NA	NA
8/21	94	67	81	1	439	649	0.19	84	80	82	0.17	NA	NA
8/22	95	69	82	2	461	681	0.00	85	80	83	0.24	NA	NA
8/23	95	70	83	3	484	714	0.00	85	81	83	0.13	NA	NA
8/24	98	70	84	4	508	748	0.00	86	82	84	0.37	NA	NA
8/25	96	67	82	2	530	780	0.00	86	82	84	0.31	NA	NA
8/26	96	63	80	0	550	810	0.00	87	81	84	0.21	NA	NA
8/27	96	66	81	1	571	841	0.00	87	81	84	0.36	NA	NA
8/28	94	65	80	0	591	871	0.00	86	81	84	0.37	NA	NA
8/29	95	67	81	1	612	902	0.00	87	81	84	0.23	NA	NA
8/30	88	68	78	-2	630	930	0.27	83	81	82	0.37	NA	NA
8/31	87	67	77	-3	647	957	0.00	83	81	82	0.05	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 93.4 Mean Minimum= 67.9 Average= 80.6
 DFN= +2.9 DFN= -1.7 DFN= +0.6
 Highest= 99 Lowest= 62

PRECIPITATION STATISTICS (inches):

Total= 1.51 DFN= -3.45 Greatest Daily= 0.44 Rain Days= 10
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 88 Lowest= 61 Average= 82

AVERAGE DAILY VALUES:

 Pan Evaporation= .24 (in)
 Hours of Wet Vegetation= 7.0

Daily Weather Observations: Wiregrass Substation, Headland

DATE	AIR TEMPERATURE			DFN	GDD		PRECIP	4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	MIN	AVG		B60	B50		MAX	MIN	MEAN			
9/ 1	92	68	80	0	20	30	0.04	84	81	83	0.25	NA	NA
9/ 2	88	69	79	0	39	59	0.73	82	80	81	0.30	NA	NA
9/ 3	90	69	80	1	59	89	0.03	85	80	83	0.20	NA	NA
9/ 4	89	69	79	0	78	118	0.20	84	80	82	0.23	NA	NA
9/ 5	84	67	76	-3	94	144	0.69	81	80	81	0.06	NA	NA
9/ 6	87	67	77	-2	111	171	1.48	80	79	80	0.05	NA	NA
9/ 7	85	66	76	-3	127	197	0.75	80	79	80	NA	NA	NA
9/ 8	80	61	71	-8	138	218	0.53	79	76	78	NA	NA	NA
9/ 9	85	64	75	-4	153	243	0.00	80	78	79	0.10	NA	NA
9/10	87	67	77	-1	170	270	0.29	80	77	79	0.13	NA	NA
9/11	87	61	74	-4	184	294	0.00	80	77	79	0.17	NA	NA
9/12	86	61	74	-4	198	318	0.00	80	77	79	0.32	NA	NA
9/13	88	66	77	-1	215	345	0.00	80	77	79	0.17	NA	NA
9/14	89	67	78	0	233	373	0.00	80	78	79	0.11	NA	NA
9/15	90	65	78	1	251	401	0.00	80	78	79	0.22	NA	NA
9/16	90	64	77	0	268	428	0.00	82	79	81	0.21	NA	NA
9/17	91	65	78	1	286	456	0.05	81	79	80	0.22	NA	NA
9/18	88	66	77	0	303	483	0.00	80	79	80	0.29	NA	NA
9/19	91	65	78	1	321	511	0.00	80	79	80	0.15	NA	NA
9/20	94	66	80	4	341	541	0.00	80	78	79	0.20	NA	NA
9/21	93	66	80	4	361	571	0.00	82	78	80	0.08	NA	NA
9/22	92	59	76	1	377	597	0.03	81	78	80	0.30	NA	NA
9/23	91	59	75	0	392	622	0.00	80	76	78	0.12	NA	NA
9/24	91	61	76	1	408	648	0.00	80	76	78	0.28	NA	NA
9/25	93	62	78	4	426	676	0.00	78	75	77	0.12	NA	NA
9/26	92	61	77	3	443	703	0.00	80	76	78	NA	NA	NA
9/27	91	63	77	3	460	730	0.00	80	77	79	NA	NA	NA
9/28	78	45	62	-11	462	742	0.00	77	73	75	0.11	NA	NA
9/29	80	47	64	-9	466	756	0.00	74	72	73	0.22	NA	NA
9/30	83	49	66	-7	472	772	0.00	73	70	72	0.29	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 88.2 Mean Minimum= 62.8 Average= 75.5
 DFN= +1.1 DFN= -3.2 DFN= -1.1
 Highest= 94 Lowest= 45

PRECIPITATION STATISTICS (inches):

Total= 4.82 DFN= +0.74 Greatest Daily= 1.48 Rain Days= 11
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 85 Lowest= 70 Average= 79

AVERAGE DAILY VALUES:

 Pan Evaporation= .19 (in)

Daily Weather Observations: Wiregrass Substation, Headland

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
10/ 1	77	43	60	-12	0	10	0.00	72	69	71	0.37	NA	NA
10/ 2	80	44	62	-10	2	22	0.00	71	69	70	0.27	NA	NA
10/ 3	86	52	69	-2	11	41	0.00	72	68	70	0.18	NA	NA
10/ 4	89	61	75	4	26	66	0.00	85	71	78	NA	NA	NA
10/ 5	88	53	71	0	37	87	0.00	72	68	70	NA	NA	NA
10/ 6	88	53	71	1	48	108	0.00	72	68	70	0.19	NA	NA
10/ 7	88	54	71	1	59	129	0.06	72	70	71	0.23	NA	NA
10/ 8	77	57	67	-2	66	146	0.18	72	71	72	0.11	NA	NA
10/ 9	83	59	71	2	77	167	0.00	71	71	71	0.08	NA	NA
10/10	87	57	72	3	89	189	0.00	72	71	72	0.22	NA	NA
10/11	75	40	58	-10	89	197	0.00	72	68	70	0.11	NA	NA
10/12	77	41	59	-9	89	206	0.00	67	67	67	0.27	NA	NA
10/13	71	42	57	-11	89	213	0.00	67	65	66	0.17	NA	NA
10/14	77	47	62	-5	91	225	0.00	68	65	67	0.25	NA	NA
10/15	80	58	69	2	100	244	0.00	70	68	69	0.05	NA	NA
10/16	70	63	67	0	107	261	0.34	70	68	69	0.20	NA	NA
10/17	74	63	69	3	116	280	0.02	70	70	70	0.05	NA	NA
10/18	81	60	71	5	127	301	0.00	71	71	71	0.07	NA	NA
10/19	85	59	72	6	139	323	0.00	71	71	71	0.04	NA	NA
10/20	86	58	72	7	151	345	0.00	82	71	77	0.23	NA	NA
10/21	87	61	74	9	165	369	0.00	81	71	76	0.08	NA	NA
10/22	86	59	73	9	178	392	0.00	84	72	78	0.12	NA	NA
10/23	77	50	64	0	182	406	0.04	72	70	71	0.17	NA	NA
10/24	64	52	58	-6	182	414	0.00	72	68	70	0.05	NA	NA
10/25	74	52	63	0	185	427	0.00	67	67	67	0.12	NA	NA
10/26	79	53	66	3	191	443	0.00	75	67	71	0.21	NA	NA
10/27	80	53	67	4	198	460	0.00	79	68	74	0.24	NA	NA
10/28	82	45	64	2	202	474	0.00	65	65	65	0.21	NA	NA
10/29	72	45	59	-3	202	483	0.00	77	64	71	0.14	NA	NA
10/30	73	51	62	0	204	495	4.80	65	61	63	NA	NA	NA
10/31	67	33	50	-12	204	495	0.06	65	58	62	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 79.4 Mean Minimum= 52.2 Average= 65.8
 DFN= +0.7 DFN= -1.8 DFN= -0.5
 Highest= 89 Lowest= 33

PRECIPITATION STATISTICS (inches):

Total= 5.50 DFN= +3.17 Greatest Daily= 4.80 Rain Days= 7
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 85 Lowest= 58 Average= 70

AVERAGE DAILY VALUES:

 Pan Evaporation= .16 (in)

Daily Weather Observations: Wiregrass Substation, Headland

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			VEG	SOLAR	
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY
11/ 1	46	25	36	-25	0	0	0.00	58	53	56	NA	NA	NA
11/ 2	51	28	40	-21	0	0	0.00	55	52	54	NA	NA	NA
11/ 3	60	32	46	-15	0	0	0.00	54	50	52	0.05	NA	NA
11/ 4	69	43	56	-4	0	6	0.00	57	53	55	0.06	NA	NA
11/ 5	73	53	63	3	3	19	0.28	63	57	60	0.17	NA	NA
11/ 6	73	52	63	3	6	32	1.07	60	59	60	NA	NA	NA
11/ 7	61	29	45	-14	6	32	0.00	55	55	55	NA	NA	NA
11/ 8	56	35	46	-13	6	32	0.00	57	55	56	0.05	NA	NA
11/ 9	60	43	52	-7	6	34	0.00	57	54	56	0.10	NA	NA
11/10	60	42	51	-7	6	35	0.29	58	57	58	0.04	NA	NA
11/11	66	37	52	-6	6	37	0.00	57	55	56	0.11	NA	NA
11/12	67	36	52	-6	6	39	0.00	55	53	54	0.11	NA	NA
11/13	71	49	60	3	6	49	0.00	56	53	55	0.09	NA	NA
11/14	80	55	68	11	14	67	0.00	61	57	59	0.06	NA	NA
11/15	81	61	71	14	25	88	0.00	64	61	63	0.08	NA	NA
11/16	80	59	70	14	35	108	0.00	64	64	64	0.10	NA	NA
11/17	80	60	70	14	45	128	0.00	65	63	64	0.02	NA	NA
11/18	80	43	62	6	47	140	0.11	64	64	64	0.12	NA	NA
11/19	66	42	54	-2	47	144	0.00	60	60	60	0.08	NA	NA
11/20	66	44	55	0	47	149	0.00	60	60	60	0.14	NA	NA
11/21	62	30	46	-9	47	149	0.00	56	56	56	0.05	NA	NA
11/22	63	36	50	-5	47	149	0.00	54	54	54	0.08	NA	NA
11/23	70	41	56	1	47	155	0.00	55	51	53	0.17	NA	NA
11/24	70	37	54	0	47	159	0.00	55	53	54	0.03	NA	NA
11/25	72	41	57	3	47	166	0.00	54	53	54	0.16	NA	NA
11/26	74	50	62	8	49	178	0.05	55	54	55	0.16	NA	NA
11/27	61	49	55	1	49	183	1.10	56	54	55	0.08	NA	NA
11/28	59	29	44	-9	49	183	0.00	54	51	53	0.13	NA	NA
11/29	61	31	46	-7	49	183	0.00	54	51	53	0.11	NA	NA
11/30	64	35	50	-3	49	183	0.00	51	50	51	0.08	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 66.7 Mean Minimum= 41.6 Average= 54.2
 DFN= -2.1 DFN= -2.8 DFN= -2.4
 Highest= 81 Lowest= 25

PRECIPITATION STATISTICS (inches):

Total= 2.90 DFN= -0.33 Greatest Daily= 1.10 Rain Days= 6
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 65 Lowest= 50 Average= 56

AVERAGE DAILY VALUES:

 Pan Evaporation= .09 (in)

Daily Weather Observations: Wiregrass Substation, Headland

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
12/ 1	69	40	55	2	0	5	0.00	52	50	51	0.10	NA	NA
12/ 2	62	39	51	-2	0	6	0.00	51	51	51	0.08	NA	NA
12/ 3	68	41	55	3	0	11	0.00	52	51	52	0.10	NA	NA
12/ 4	70	43	57	5	0	18	0.00	55	52	54	0.09	NA	NA
12/ 5	76	45	61	9	1	29	0.30	55	55	55	0.11	NA	NA
12/ 6	62	40	51	-1	1	30	0.00	55	55	55	0.07	NA	NA
12/ 7	62	31	47	-5	1	30	0.00	55	53	54	0.06	NA	NA
12/ 8	59	31	45	-7	1	30	0.00	53	52	53	0.05	NA	NA
12/ 9	67	36	52	1	1	32	0.00	53	50	52	0.07	NA	NA
12/10	70	41	56	5	1	38	0.00	55	50	53	0.07	NA	NA
12/11	61	38	50	-1	1	38	0.34	55	54	55	0.06	NA	NA
12/12	54	25	40	-11	1	38	0.00	50	48	49	NA	NA	NA
12/13	56	28	42	-9	1	38	0.00	50	48	49	NA	NA	NA
12/14	57	29	43	-8	1	38	0.64	50	48	49	NA	NA	NA
12/15	61	37	49	-2	1	38	0.00	51	50	51	0.08	NA	NA
12/16	50	37	44	-6	1	38	0.00	51	50	51	0.08	NA	NA
12/17	52	31	42	-8	1	38	0.03	51	48	50	0.07	NA	NA
12/18	62	35	49	-1	1	38	0.00	49	49	49	0.02	NA	NA
12/19	64	35	50	0	1	38	0.00	50	48	49	0.04	NA	NA
12/20	60	38	49	-1	1	38	0.38	50	50	50	0.13	NA	NA
12/21	56	36	46	-4	1	38	1.34	51	49	50	0.20	NA	NA
12/22	51	32	42	-7	1	38	0.00	49	48	49	0.11	NA	NA
12/23	42	28	35	-14	1	38	1.33	49	44	47	NA	NA	NA
12/24	41	28	35	-14	1	38	0.02	46	42	44	0.04	NA	NA
12/25	38	26	32	-17	1	38	0.00	46	42	44	NA	NA	NA
12/26	53	22	38	-11	1	38	0.00	43	43	43	NA	NA	NA
12/27	54	28	41	-8	1	38	0.00	43	43	43	NA	NA	NA
12/28	65	34	50	1	1	38	0.00	46	42	44	0.06	NA	NA
12/29	70	41	56	7	1	44	0.01	49	45	47	0.03	NA	NA
12/30	64	20	42	-6	1	44	0.00	51	47	49	0.01	NA	NA
12/31	48	20	34	-14	1	44	0.00	48	44	46	0.05	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 58.8 Mean Minimum= 33.4 Average= 46.1
 DFN= -2.8 DFN= -5.2 DFN= -4.0
 Highest= 76 Lowest= 20

PRECIPITATION STATISTICS (inches):

Total= 4.39 DFN= -0.49 Greatest Daily= 1.34 Rain Days= 9
 Daily precipitation amount of Trace is less than .01 inch.

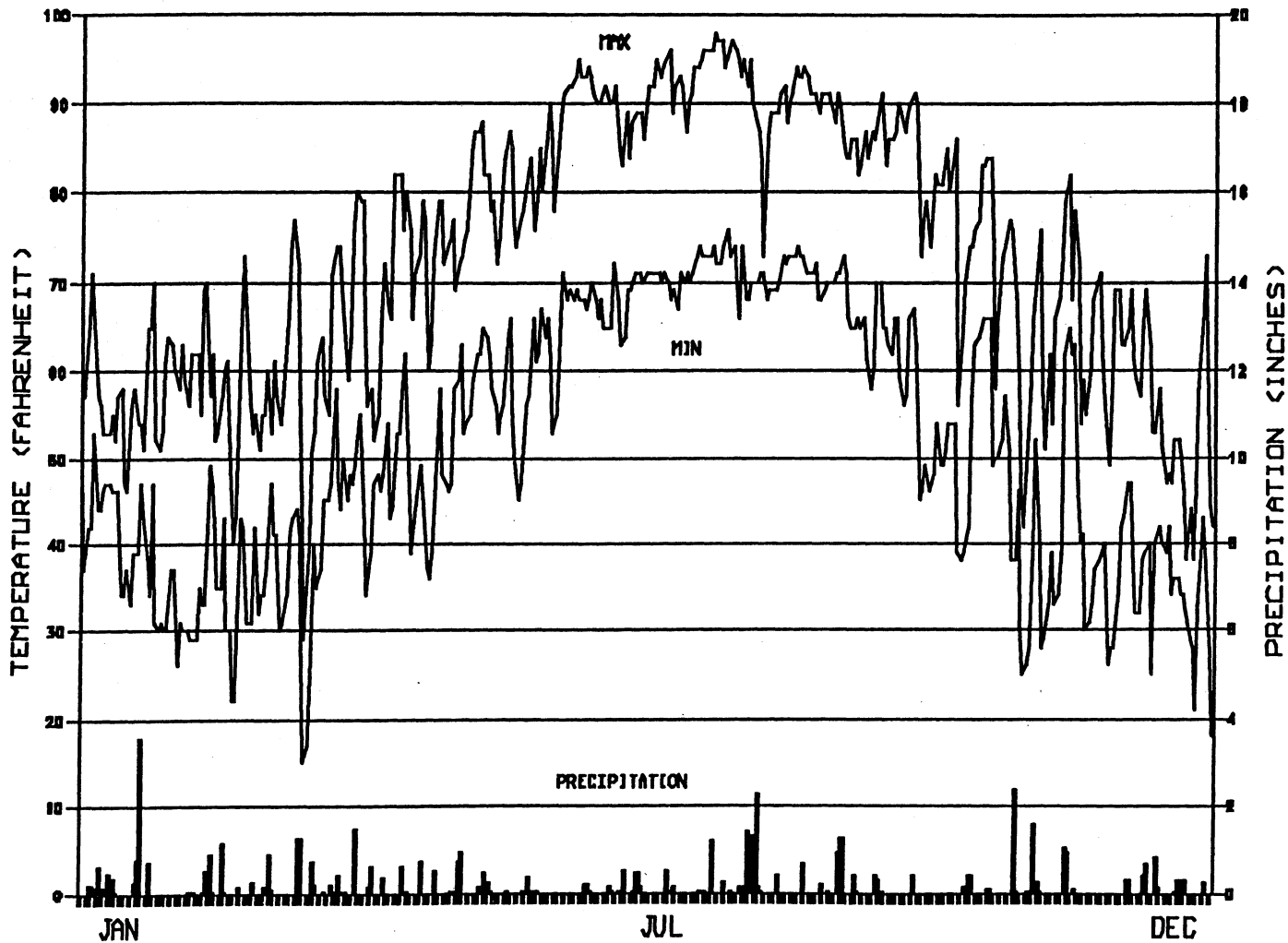
SOIL TEMPERATURES (in degrees F):

Highest= 55 Lowest= 42 Average= 49

AVERAGE DAILY VALUES:

 Pan Evaporation= .07 (in)

Black Belt Substation, Marion Junction
Daily Precipitation, Maximum and Minimum Temperature
January 1 - December 31 1993



Monthly precipitation summary: Black Belt Substation, Marion Junction

For the period: Sunday January 1, 1984
to: Thursday December 31, 1992

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1984	3.98	3.85	3.89	5.46	4.78	3.15	4.65	5.16	0.77	4.12	3.30	2.10	45.21
	-1.03	-0.94	-2.93	0.04	0.85	-0.96	-0.04	1.63	-2.78	1.37	0.04	-3.33	-8.08
1985	3.07	5.19	1.52	3.91	1.56	2.79	5.09	4.88	1.87	3.28	2.72	3.33	39.21
	-1.94	0.59	-5.30	-1.51	-2.37	-1.32	0.40	1.35	-1.68	0.53	-0.54	-2.10	-13.89
1986	1.51	3.20	2.11	0.24	5.49	0.72	5.09	3.04	5.17	3.70	13.15	3.72	47.14
	-3.50	-1.40	-4.71	-5.18	1.56	-3.39	0.40	-0.49	1.62	0.95	9.89	-1.71	-5.96
1987	6.07	6.29	3.90	0.61	5.97	3.34	0.97	3.80	1.57	0.65	3.46	4.25	40.88
	1.06	1.69	-2.92	-4.81	2.04	-0.77	-3.72	0.27	-1.98	-2.10	0.20	-1.18	-12.22
1988	4.72	4.21	2.52	3.58	0.42	2.29	12.77	1.10	8.86	3.66	4.31	3.50	51.94
	-0.29	-0.58	-4.30	-1.84	-3.51	-1.82	8.08	-2.43	5.31	0.91	1.05	-1.93	-1.35
1989	3.76	2.54	7.25	5.45	1.86	9.33	5.74	1.25	1.45	4.01	4.37	8.57	55.58
	-1.25	-2.06	0.43	0.03	-2.07	5.22	1.05	-2.28	-2.10	1.26	1.11	3.14	2.48
1990	10.43	8.47	9.91	4.50	5.02	1.57	3.54	1.30	0.71	2.21	2.80	3.85	54.31
	5.42	3.87	3.09	-0.92	1.09	-2.54	-1.15	-2.23	-2.84	-0.54	-0.46	-1.58	1.21
1991	8.72	4.98	5.36	6.12	8.10	3.34	4.19	3.97	2.88	1.10	5.47	6.25	60.48
	3.71	0.38	-1.46	0.70	4.17	-0.77	-0.50	0.44	-0.67	-1.65	2.21	0.82	7.38
1992	4.85	6.54	3.08	3.22	1.74	3.78	5.48	2.74	4.20	2.57	9.03	6.33	53.56
	-0.16	1.75	-3.74	-2.20	-2.19	-0.33	0.79	-0.79	0.65	-0.18	5.77	0.90	0.27

SUMMARY FOR 1984 TO 1992													
	5.01	4.79	6.82	5.42	3.93	4.11	4.69	3.53	3.55	2.75	3.26	5.43	53.29
	2.02	3.30	-21.84	-15.69	-0.43	-6.68	5.31	-4.53	-4.47	0.55	19.27	-6.97	-30.16

YEARLY TOTALS: LINE 1 OBSERVED MONTHLY RAIN TOTALS
LINE 2 DEPARTURE FROM NORMAL (DFN)
SUMMARY TOTALS: LINE 1 NORMAL MONTHLY RAIN TOTALS
LINE 2 CUMULATIVE MONTHLY DFN

NOTE: All Precip normals are based on the 1951-80 period.
Missing MONTHLY or YEARLY totals are NOT included
in the summary totals!

Daily Weather Observations: Black Belt Substation, Marion Junction

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
1/ 1	58	49	54	8	0	4	0.00	53	51	52	NA	NA	NA
1/ 2	57	37	47	1	0	4	0.00	57	51	54	NA	NA	NA
1/ 3	65	42	54	8	0	8	0.00	54	47	51	NA	NA	NA
1/ 4	71	42	57	12	0	15	0.00	54	47	51	NA	NA	NA
1/ 5	66	53	60	15	0	25	0.20	60	56	58	NA	NA	NA
1/ 6	57	44	51	6	0	26	0.15	61	55	58	NA	NA	NA
1/ 7	56	44	50	5	0	26	0.10	59	55	57	NA	NA	NA
1/ 8	53	46	50	5	0	26	0.60	56	56	56	NA	NA	NA
1/ 9	53	47	50	5	0	26	0.15	56	56	56	NA	NA	NA
1/10	53	47	50	5	0	26	0.10	56	56	56	NA	NA	NA
1/11	55	46	51	6	0	27	0.45	56	55	56	NA	NA	NA
1/12	52	46	49	4	0	27	0.33	55	54	55	NA	NA	NA
1/13	57	46	52	7	0	29	0.06	56	55	56	NA	NA	NA
1/14	58	34	46	1	0	29	0.00	58	50	54	NA	NA	NA
1/15	47	34	41	-4	0	29	0.00	52	50	51	NA	NA	NA
1/16	46	37	42	-3	0	29	0.00	52	50	51	NA	NA	NA
1/17	56	33	45	0	0	29	0.00	52	49	51	NA	NA	NA
1/18	58	39	49	4	0	29	0.00	52	46	49	NA	NA	NA
1/19	54	39	47	2	0	29	0.27	52	47	50	NA	NA	NA
1/20	54	47	51	6	0	30	0.80	55	52	54	NA	NA	NA
1/21	51	43	47	2	0	30	3.55	55	53	54	NA	NA	NA
1/22	65	38	52	7	0	32	0.00	57	52	55	NA	NA	NA
1/23	65	34	50	4	0	32	0.00	55	52	54	NA	NA	NA
1/24	70	47	59	13	0	41	0.75	57	50	54	NA	NA	NA
1/25	52	31	42	-4	0	41	0.00	58	48	53	NA	NA	NA
1/26	51	30	41	-5	0	41	0.00	52	47	50	NA	NA	NA
1/27	53	31	42	-4	0	41	0.00	50	45	48	NA	NA	NA
1/28	61	30	46	0	0	41	0.00	50	41	46	NA	NA	NA
1/29	64	30	47	1	0	41	0.00	50	45	48	NA	NA	NA
1/30	63	37	50	4	0	41	0.00	54	49	52	NA	NA	NA
1/31	60	37	49	3	0	41	0.00	54	49	52	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 57.5 Mean Minimum= 40.0 Average= 48.7
 DFN= +1.5 DFN= +5.6 DFN= +3.5
 Highest= 71 Lowest= 30

PRECIPITATION STATISTICS (inches):

Total= 7.51 DFN= +2.50 Greatest Daily= 3.55 Rain Days= 13
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 61 Lowest= 41 Average= 53

Daily Weather Observations: Black Belt Substation, Marion Junction

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
2/ 1	58	26	42	-4	0	0	0.00	54	46	50	NA	NA	NA
2/ 2	63	31	47	0	0	0	0.00	53	46	50	NA	NA	NA
2/ 3	59	30	45	-2	0	0	0.00	50	45	48	NA	NA	NA
2/ 4	56	30	43	-4	0	0	0.00	50	43	47	NA	NA	NA
2/ 5	62	29	46	-1	0	0	0.00	52	44	48	NA	NA	NA
2/ 6	62	29	46	-1	0	0	0.01	53	45	49	NA	NA	NA
2/ 7	62	29	46	-1	0	0	0.06	53	45	49	NA	NA	NA
2/ 8	55	35	45	-3	0	0	0.00	51	49	50	NA	NA	NA
2/ 9	69	33	51	3	0	1	0.00	54	48	51	NA	NA	NA
2/10	70	33	52	4	0	3	0.01	55	48	52	NA	NA	NA
2/11	57	49	53	5	0	6	0.50	55	53	54	NA	NA	NA
2/12	62	47	55	7	0	11	0.89	58	55	57	NA	NA	NA
2/13	52	42	47	-1	0	11	0.02	56	53	55	NA	NA	NA
2/14	53	35	44	-4	0	11	0.00	55	50	53	NA	NA	NA
2/15	57	35	46	-2	0	11	0.00	49	46	48	NA	NA	NA
2/16	60	43	52	3	0	13	1.15	55	49	52	NA	NA	NA
2/17	61	30	46	-3	0	13	0.02	56	49	53	NA	NA	NA
2/18	46	30	38	-11	0	13	0.00	51	47	49	NA	NA	NA
2/19	40	22	31	-18	0	13	0.00	50	44	47	NA	NA	NA
2/20	43	22	33	-17	0	13	0.00	46	42	44	NA	NA	NA
2/21	65	43	54	4	0	17	0.00	55	45	50	NA	NA	NA
2/22	73	42	58	8	0	25	0.10	57	55	56	NA	NA	NA
2/23	62	31	47	-3	0	25	0.00	59	52	56	NA	NA	NA
2/24	56	31	44	-7	0	25	0.00	55	49	52	NA	NA	NA
2/25	53	31	42	-9	0	25	0.00	50	48	49	NA	NA	NA
2/26	55	42	49	-2	0	25	0.23	52	48	50	NA	NA	NA
2/27	51	32	42	-9	0	25	0.00	52	48	50	NA	NA	NA
2/28	55	34	45	-6	0	25	0.00	54	47	51	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 57.8 Mean Minimum= 33.8 Average= 45.8
 DFN= -2.6 DFN= -2.8 DFN= -2.7
 Highest= 73 Lowest= 22

PRECIPITATION STATISTICS (inches):

Total= 2.99 DFN= -1.61 Greatest Daily= 1.15 Rain Days= 10
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 59 Lowest= 42 Average= 51

Daily Weather Observations: Black Belt Substation, Marion Junction

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
3/ 1	55	34	45	-7	0	0	0.00	54	47	51	NA	NA	NA
3/ 2	60	37	49	-3	0	0	0.10	55	46	51	NA	NA	NA
3/ 3	53	47	50	-2	0	0	0.85	54	52	53	NA	NA	NA
3/ 4	61	41	51	-2	0	1	0.08	52	52	52	NA	NA	NA
3/ 5	57	41	49	-4	0	1	0.00	56	52	54	NA	NA	NA
3/ 6	54	30	42	-11	0	1	0.00	54	50	52	NA	NA	NA
3/ 7	58	31	45	-8	0	1	0.00	56	50	53	NA	NA	NA
3/ 8	66	34	50	-4	0	1	0.00	56	49	53	NA	NA	NA
3/ 9	74	41	58	4	0	9	0.00	59	49	54	NA	NA	NA
3/10	77	43	60	6	0	19	0.00	64	56	60	NA	NA	NA
3/11	72	44	58	4	0	27	0.00	61	55	58	NA	NA	NA
3/12	56	41	49	-6	0	27	0.00	58	54	56	NA	NA	NA
3/13	43	27	35	-20	0	27	1.24	52	46	49	NA	NA	NA
3/14	29	15	22	-33	0	27	0.00	42	42	42	NA	NA	NA
3/15	39	17	28	-27	0	27	0.00	42	42	42	NA	NA	NA
3/16	51	26	39	-17	0	27	0.00	42	42	42	NA	NA	NA
3/17	53	40	47	-9	0	27	0.71	50	42	46	NA	NA	NA
3/18	61	35	48	-8	0	27	0.20	55	50	53	NA	NA	NA
3/19	64	37	51	-6	0	28	0.00	58	49	54	NA	NA	NA
3/20	57	45	51	-6	0	29	0.00	58	52	55	NA	NA	NA
3/21	55	45	50	-7	0	29	0.01	56	52	54	NA	NA	NA
3/22	71	47	59	1	0	38	0.00	63	52	58	NA	NA	NA
3/23	74	58	66	8	6	54	0.16	64	57	61	NA	NA	NA
3/24	74	47	61	3	7	65	0.01	64	60	62	NA	NA	NA
3/25	70	44	57	-2	7	72	0.00	69	60	65	NA	NA	NA
3/26	66	50	58	-1	7	80	0.42	61	59	60	NA	NA	NA
3/27	59	45	52	-7	7	82	0.02	65	58	62	NA	NA	NA
3/28	64	48	56	-3	7	88	0.01	60	55	58	NA	NA	NA
3/29	76	47	62	2	9	100	0.00	67	56	62	NA	NA	NA
3/30	80	49	65	5	14	115	0.00	70	58	64	NA	NA	NA
3/31	79	55	67	7	21	132	1.48	69	62	66	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 61.5 Mean Minimum= 40.0 Average= 50.8
 DFN= -6.4 DFN= -3.5 DFN= -4.9
 Highest= 80 Lowest= 15

PRECIPITATION STATISTICS (inches):

Total= 5.29 DFN= -1.53 Greatest Daily= 1.48 Rain Days= 13
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 70 Lowest= 42 Average= 55

Daily Weather Observations: Black Belt Substation, Marion Junction

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
4/ 1	79	50	65	4	5	15	0.00	71	62	67	NA	NA	NA
4/ 2	65	43	54	-7	5	19	0.00	69	59	64	NA	NA	NA
4/ 3	56	34	45	-16	5	19	0.00	62	55	59	NA	NA	NA
4/ 4	58	39	49	-13	5	19	0.15	69	54	62	NA	NA	NA
4/ 5	52	47	50	-12	5	19	0.60	58	56	57	NA	NA	NA
4/ 6	55	48	52	-10	5	21	0.00	56	56	56	NA	NA	NA
4/ 7	66	46	56	-7	5	27	0.00	64	56	60	NA	NA	NA
4/ 8	72	48	60	-3	5	37	0.00	69	56	63	NA	NA	NA
4/ 9	67	54	61	-2	6	48	0.32	63	61	62	NA	NA	NA
4/10	66	43	55	-8	6	53	0.00	63	61	62	NA	NA	NA
4/11	82	44	63	-1	9	66	0.00	63	62	63	NA	NA	NA
4/12	82	53	68	4	17	84	0.00	72	59	66	NA	NA	NA
4/13	82	53	68	4	25	102	0.00	74	61	68	NA	NA	NA
4/14	76	58	67	3	32	119	0.00	72	65	69	NA	NA	NA
4/15	80	62	71	6	43	140	0.60	74	68	71	NA	NA	NA
4/16	76	48	62	-3	45	152	0.02	71	62	67	NA	NA	NA
4/17	66	39	53	-12	45	155	0.00	68	60	64	NA	NA	NA
4/18	71	42	57	-8	45	162	0.00	68	60	64	NA	NA	NA
4/19	73	47	60	-6	45	172	0.00	74	59	67	NA	NA	NA
4/20	79	49	64	-2	49	186	0.00	72	64	68	NA	NA	NA
4/21	77	45	61	-5	50	197	0.75	70	65	68	NA	NA	NA
4/22	60	37	49	-17	50	197	0.00	66	59	63	NA	NA	NA
4/23	63	36	50	-17	50	197	0.00	69	59	64	NA	NA	NA
4/24	73	39	56	-11	50	203	0.00	70	58	64	NA	NA	NA
4/25	79	51	65	-2	55	218	0.00	74	61	68	NA	NA	NA
4/26	79	58	69	2	64	237	0.50	75	69	72	NA	NA	NA
4/27	72	48	60	-8	64	247	0.00	76	67	72	NA	NA	NA
4/28	74	47	61	-7	65	258	0.00	76	66	71	NA	NA	NA
4/29	75	46	61	-7	66	269	0.00	76	66	71	NA	NA	NA
4/30	77	47	62	-6	68	281	0.00	77	66	72	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 71.1 Mean Minimum= 46.7 Average= 58.9
 DFN= -5.8 DFN= -5.0 DFN= -5.4
 Highest= 82 Lowest= 34

PRECIPITATION STATISTICS (inches):

Total= 2.94 DFN= -2.48 Greatest Daily= 0.75 Rain Days= 7
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 77 Lowest= 54 Average= 65

Daily Weather Observations: Black Belt Substation, Marion Junction

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
5/ 1	69	58	64	-4	4	14	0.05	69	67	68	NA	NA	NA
5/ 2	72	59	66	-3	10	30	0.04	71	66	69	NA	NA	NA
5/ 3	73	63	68	-1	18	48	0.70	70	64	67	NA	NA	NA
5/ 4	75	53	64	-5	22	62	0.95	73	68	71	NA	NA	NA
5/ 5	76	54	65	-4	27	77	0.00	74	66	70	NA	NA	NA
5/ 6	85	55	70	1	37	97	0.00	81	69	75	NA	NA	NA
5/ 7	87	59	73	4	50	120	0.00	80	71	76	NA	NA	NA
5/ 8	87	62	75	5	65	145	0.00	83	74	79	NA	NA	NA
5/ 9	88	62	75	5	80	170	0.00	83	74	79	NA	NA	NA
5/10	82	65	74	4	94	194	0.15	87	82	85	NA	NA	NA
5/11	82	64	73	3	107	217	0.02	87	82	85	NA	NA	NA
5/12	78	62	70	0	117	237	0.45	80	75	78	NA	NA	NA
5/13	79	58	69	-2	126	256	0.27	80	74	77	NA	NA	NA
5/14	72	56	64	-7	130	270	0.01	76	72	74	NA	NA	NA
5/15	75	53	64	-7	134	284	0.00	79	72	76	NA	NA	NA
5/16	80	55	68	-3	142	302	0.00	77	72	75	NA	NA	NA
5/17	84	56	70	-2	152	322	0.00	80	71	76	NA	NA	NA
5/18	87	64	76	4	168	348	0.00	82	74	78	NA	NA	NA
5/19	85	66	76	4	184	374	0.02	82	74	78	NA	NA	NA
5/20	77	55	66	-6	190	390	0.00	79	72	76	NA	NA	NA
5/21	74	50	62	-10	192	402	0.00	76	70	73	NA	NA	NA
5/22	77	45	61	-12	193	413	0.00	77	70	74	NA	NA	NA
5/23	78	47	63	-10	196	426	0.00	78	70	74	NA	NA	NA
5/24	82	56	69	-4	205	445	0.00	79	62	71	NA	NA	NA
5/25	84	57	71	-2	216	466	0.01	80	70	75	NA	NA	NA
5/26	76	66	71	-3	227	487	0.34	77	75	76	NA	NA	NA
5/27	79	61	70	-4	237	507	0.01	79	75	77	NA	NA	NA
5/28	85	62	74	0	251	531	0.02	82	75	79	NA	NA	NA
5/29	80	67	74	0	265	555	0.01	82	64	73	NA	NA	NA
5/30	86	64	75	0	280	580	0.00	85	78	82	NA	NA	NA
5/31	90	66	78	3	298	608	0.00	85	79	82	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 80.1 Mean Minimum= 58.7 Average= 69.4
 DFN= -3.3 DFN= -0.5 DFN= -1.9
 Highest= 90 Lowest= 45

PRECIPITATION STATISTICS (inches):

Total= 3.05 DFN= -0.88 Greatest Daily= 0.95 Rain Days= 15
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 87 Lowest= 62 Average= 75

Daily Weather Observations: Black Belt Substation, Marion Junction

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
6/ 1	86	62	74	-1	14	24	0.00	84	79	82	NA	NA	NA
6/ 2	78	53	66	-10	20	40	0.00	84	75	80	NA	NA	NA
6/ 3	85	55	70	-6	30	60	0.00	84	75	80	NA	NA	NA
6/ 4	89	63	76	0	46	86	0.00	84	76	80	NA	NA	NA
6/ 5	91	71	81	5	67	117	0.00	85	77	81	NA	NA	NA
6/ 6	92	68	80	4	87	147	0.00	86	78	82	NA	NA	NA
6/ 7	92	69	81	4	108	178	0.00	87	78	83	NA	NA	NA
6/ 8	93	68	81	4	129	209	0.00	86	82	84	NA	NA	NA
6/ 9	95	69	82	5	151	241	0.00	89	81	85	NA	NA	NA
6/10	93	68	81	4	172	272	0.00	89	81	85	NA	NA	NA
6/11	93	68	81	3	193	303	0.00	88	82	85	NA	NA	NA
6/12	94	67	81	3	214	334	0.00	88	82	85	NA	NA	NA
6/13	93	68	81	3	235	365	0.00	88	82	85	NA	NA	NA
6/14	91	70	81	3	256	396	0.18	89	82	86	NA	NA	NA
6/15	90	68	79	1	275	425	0.04	87	81	84	NA	NA	NA
6/16	90	66	78	-1	293	453	0.00	89	80	85	NA	NA	NA
6/17	91	68	80	1	313	483	0.00	89	79	84	NA	NA	NA
6/18	92	65	79	0	332	512	0.00	89	81	85	NA	NA	NA
6/19	90	65	78	-1	350	540	0.00	90	81	86	NA	NA	NA
6/20	90	65	78	-1	368	568	0.00	90	82	86	NA	NA	NA
6/21	92	72	82	3	390	600	0.10	87	80	84	NA	NA	NA
6/22	85	68	77	-2	407	627	0.05	85	80	83	NA	NA	NA
6/23	83	63	73	-7	420	650	0.00	82	78	80	NA	NA	NA
6/24	89	64	77	-3	437	677	0.05	86	76	81	NA	NA	NA
6/25	84	69	77	-3	454	704	0.00	85	80	83	NA	NA	NA
6/26	88	69	79	-1	473	733	0.50	86	80	83	NA	NA	NA
6/27	89	71	80	0	493	763	0.00	87	80	84	NA	NA	NA
6/28	89	71	80	0	513	793	0.00	87	81	84	NA	NA	NA
6/29	89	71	80	0	533	823	0.02	87	82	85	NA	NA	NA
6/30	86	70	78	-2	551	851	0.48	84	80	82	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 89.4 Mean Minimum= 66.8 Average= 78.1
 DFN= -0.2 DFN= +0.6 DFN= +0.2
 Highest= 95 Lowest= 53

PRECIPITATION STATISTICS (inches):

Total= 1.42 DFN= -2.69 Greatest Daily= 0.50 Rain Days= 8
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 90 Lowest= 75 Average= 83

Daily Weather Observations: Black Belt Substation, Marion Junction

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
7/ 1	92	71	82	2	22	32	0.10	88	80	84	NA	NA	NA
7/ 2	92	71	82	2	44	64	0.00	89	80	85	NA	NA	NA
7/ 3	92	71	82	2	66	96	0.00	88	81	85	NA	NA	NA
7/ 4	95	71	83	3	89	129	0.00	92	81	87	NA	NA	NA
7/ 5	93	71	82	2	111	161	0.00	92	81	87	NA	NA	NA
7/ 6	94	70	82	2	133	193	0.00	91	83	87	NA	NA	NA
7/ 7	95	71	83	2	156	226	0.00	92	85	89	NA	NA	NA
7/ 8	96	70	83	2	179	259	0.00	92	85	89	NA	NA	NA
7/ 9	89	68	79	-2	198	288	0.50	92	83	88	NA	NA	NA
7/10	92	69	81	0	219	319	0.01	90	82	86	NA	NA	NA
7/11	93	67	80	-1	239	349	0.01	91	82	87	NA	NA	NA
7/12	92	71	82	1	261	381	0.10	89	82	86	NA	NA	NA
7/13	87	70	79	-2	280	410	0.00	87	82	85	NA	NA	NA
7/14	90	71	81	0	301	441	0.00	90	80	85	NA	NA	NA
7/15	91	70	81	0	322	472	0.00	91	82	87	NA	NA	NA
7/16	94	71	83	2	345	505	0.00	93	82	88	NA	NA	NA
7/17	94	73	84	3	369	539	0.00	93	82	88	NA	NA	NA
7/18	95	74	85	4	394	574	0.00	94	84	89	NA	NA	NA
7/19	96	73	85	4	419	609	0.00	95	84	90	NA	NA	NA
7/20	96	73	85	4	444	644	0.01	95	84	90	NA	NA	NA
7/21	96	73	85	4	469	679	0.02	94	84	89	NA	NA	NA
7/22	96	73	85	4	494	714	0.00	94	85	90	NA	NA	NA
7/23	98	74	86	5	520	750	0.00	97	86	92	NA	NA	NA
7/24	97	72	85	4	545	785	1.20	96	85	91	NA	NA	NA
7/25	97	72	85	4	570	820	0.00	95	84	90	NA	NA	NA
7/26	94	74	84	3	594	854	0.00	95	84	90	NA	NA	NA
7/27	96	76	86	5	620	890	0.00	96	86	91	NA	NA	NA
7/28	97	73	85	4	645	925	0.25	96	85	91	NA	NA	NA
7/29	96	74	85	4	670	960	0.00	91	84	88	NA	NA	NA
7/30	95	69	82	1	692	992	0.05	92	84	88	NA	NA	NA
7/31	93	66	80	-1	712	1022	0.00	92	84	88	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 94.0 Mean Minimum= 71.4 Average= 82.7
 DFN= +2.2 DFN= +2.1 DFN= +2.1
 Highest= 98 Lowest= 66

PRECIPITATION STATISTICS (inches):

Total= 2.25 DFN= -2.44 Greatest Daily= 1.20 Rain Days= 10
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 97 Lowest= 80 Average= 88

Daily Weather Observations: Black Belt Substation, Marion Junction

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
8/ 1	95	74	85	4	25	35	0.00	94	82	88	NA	NA	NA
8/ 2	92	68	80	-1	45	65	0.10	94	82	88	NA	NA	NA
8/ 3	95	68	82	1	67	97	0.15	92	82	87	NA	NA	NA
8/ 4	90	70	80	-1	87	127	1.40	89	82	86	NA	NA	NA
8/ 5	89	70	80	-1	107	157	0.22	85	80	83	NA	NA	NA
8/ 6	87	70	79	-2	126	186	1.28	85	80	83	NA	NA	NA
8/ 7	84	71	78	-3	144	214	2.28	82	80	81	NA	NA	NA
8/ 8	73	71	72	-9	156	236	0.10	82	80	81	NA	NA	NA
8/ 9	87	68	78	-3	174	264	0.01	84	80	82	NA	NA	NA
8/10	89	69	79	-2	193	293	0.00	87	79	83	NA	NA	NA
8/11	89	69	79	-2	212	322	0.00	89	81	85	NA	NA	NA
8/12	89	69	79	-2	231	351	0.00	89	81	85	NA	NA	NA
8/13	91	70	81	0	252	382	0.00	91	75	83	NA	NA	NA
8/14	92	73	83	2	275	415	0.39	89	83	86	NA	NA	NA
8/15	88	72	80	-1	295	445	0.00	89	82	86	NA	NA	NA
8/16	90	73	82	1	317	477	0.00	89	81	85	NA	NA	NA
8/17	91	73	82	1	339	509	0.00	90	83	87	NA	NA	NA
8/18	94	73	84	4	363	543	0.00	90	83	87	NA	NA	NA
8/19	93	74	84	4	387	577	0.00	94	82	88	NA	NA	NA
8/20	93	73	83	3	410	610	0.00	92	82	87	NA	NA	NA
8/21	94	73	84	4	434	644	0.00	92	84	88	NA	NA	NA
8/22	93	71	82	2	456	676	0.65	93	84	89	NA	NA	NA
8/23	91	71	81	1	477	707	0.00	89	84	87	NA	NA	NA
8/24	91	71	81	1	498	738	0.00	92	81	87	NA	NA	NA
8/25	90	72	81	1	519	769	0.00	91	82	87	NA	NA	NA
8/26	89	68	79	-1	538	798	0.00	90	83	87	NA	NA	NA
8/27	91	68	80	1	558	828	0.00	90	84	87	NA	NA	NA
8/28	91	69	80	1	578	858	0.00	89	82	86	NA	NA	NA
8/29	91	70	81	2	599	889	0.20	89	82	86	NA	NA	NA
8/30	89	70	80	1	619	919	0.00	89	82	86	NA	NA	NA
8/31	88	70	79	0	638	948	0.04	88	82	85	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 90.0 Mean Minimum= 70.7 Average= 80.3
 DFN= -1.4 DFN= +1.9 DFN= +0.2
 Highest= 95 Lowest= 68

PRECIPITATION STATISTICS (inches):

Total= 6.82 DFN= +3.29 Greatest Daily= 2.28 Rain Days= 12
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 94 Lowest= 75 Average= 85

Daily Weather Observations: Black Belt Substation, Marion Junction

DATE	AIR TEMPERATURE			GDD			PRECIP	4 INCH SOIL			VEG SOLAR		
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN	EVAP	WET	ENERGY
9/ 1	91	71	81	2	21	31	0.00	89	82	86	NA	NA	NA
9/ 2	90	71	81	2	42	62	0.00	88	82	85	NA	NA	NA
9/ 3	85	73	79	1	61	91	0.95	85	82	84	NA	NA	NA
9/ 4	84	71	78	0	79	119	1.22	84	81	83	NA	NA	NA
9/ 5	84	66	75	-3	94	144	0.00	87	80	84	NA	NA	NA
9/ 6	86	65	76	-2	110	170	0.00	85	80	83	NA	NA	NA
9/ 7	86	65	76	-2	126	196	0.00	84	78	81	NA	NA	NA
9/ 8	82	66	74	-4	140	220	0.40	84	79	82	NA	NA	NA
9/ 9	83	65	74	-3	154	244	0.01	86	79	83	NA	NA	NA
9/10	87	66	77	0	171	271	0.00	86	79	83	NA	NA	NA
9/11	84	61	73	-4	184	294	0.00	86	79	83	NA	NA	NA
9/12	87	58	73	-4	197	317	0.00	84	77	81	NA	NA	NA
9/13	86	60	73	-4	210	340	0.00	84	78	81	NA	NA	NA
9/14	88	70	79	3	229	369	0.00	86	79	83	NA	NA	NA
9/15	91	70	81	5	250	400	0.40	88	80	84	NA	NA	NA
9/16	87	65	76	0	266	426	0.30	86	79	83	NA	NA	NA
9/17	83	65	74	-2	280	450	0.01	85	79	82	NA	NA	NA
9/18	86	63	75	0	295	475	0.00	85	79	82	NA	NA	NA
9/19	86	62	74	-1	309	499	0.00	85	79	82	NA	NA	NA
9/20	87	66	77	2	326	526	0.00	87	76	82	NA	NA	NA
9/21	90	66	78	4	344	554	0.00	88	74	81	NA	NA	NA
9/22	89	59	74	0	358	578	0.00	87	79	83	NA	NA	NA
9/23	87	56	72	-2	370	600	0.00	88	76	82	NA	NA	NA
9/24	89	57	73	0	383	623	0.00	88	75	82	NA	NA	NA
9/25	90	66	78	5	401	651	0.00	88	75	82	NA	NA	NA
9/26	91	67	79	7	420	680	0.00	88	80	84	NA	NA	NA
9/27	90	63	77	5	437	707	0.40	88	80	84	NA	NA	NA
9/28	73	45	59	-12	437	716	0.00	80	70	75	NA	NA	NA
9/29	77	46	62	-9	439	728	0.00	80	66	73	NA	NA	NA
9/30	79	49	64	-7	443	742	0.00	79	70	75	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 85.9 Mean Minimum= 63.1 Average= 74.5
 DFN= -0.8 DFN= -0.8 DFN= -0.8
 Highest= 91 Lowest= 45

PRECIPITATION STATISTICS (inches):

Total= 3.69 DFN= +0.14 Greatest Daily= 1.22 Rain Days= 8
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 89 Lowest= 66 Average= 82

Daily Weather Observations: Black Belt Substation, Marion Junction

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			VEG		SOLAR
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY
10/ 1	74	46	60	-10	0	10	0.00	78	69	74	NA	NA	NA
10/ 2	78	47	63	-7	3	23	0.00	78	69	74	NA	NA	NA
10/ 3	82	48	65	-5	8	38	0.00	78	70	74	NA	NA	NA
10/ 4	81	54	68	-1	16	56	0.00	82	69	76	NA	NA	NA
10/ 5	81	49	65	-3	21	71	0.00	82	72	77	NA	NA	NA
10/ 6	83	49	66	-2	27	87	0.00	79	70	75	NA	NA	NA
10/ 7	85	51	68	1	35	105	0.00	82	70	76	NA	NA	NA
10/ 8	80	54	67	0	42	122	0.00	81	72	77	NA	NA	NA
10/ 9	84	54	69	2	51	141	0.00	81	72	77	NA	NA	NA
10/10	86	54	70	4	61	161	0.00	82	72	77	NA	NA	NA
10/11	56	39	48	-18	61	161	0.00	82	65	74	NA	NA	NA
10/12	64	38	51	-15	61	162	0.00	71	65	68	NA	NA	NA
10/13	70	39	55	-10	61	167	0.00	74	61	68	NA	NA	NA
10/14	74	42	58	-7	61	175	0.10	68	64	66	NA	NA	NA
10/15	74	57	66	2	67	191	0.00	74	70	72	NA	NA	NA
10/16	76	63	70	6	77	211	0.40	75	68	72	NA	NA	NA
10/17	77	64	71	7	88	232	0.00	76	72	74	NA	NA	NA
10/18	83	65	74	11	102	256	0.00	76	71	74	NA	NA	NA
10/19	83	66	75	12	117	281	0.00	76	71	74	NA	NA	NA
10/20	84	66	75	12	132	306	0.00	79	71	75	NA	NA	NA
10/21	84	66	75	13	147	331	0.00	80	75	78	NA	NA	NA
10/22	75	49	62	0	149	343	0.08	75	70	73	NA	NA	NA
10/23	58	50	54	-8	149	347	0.00	75	70	73	NA	NA	NA
10/24	66	50	58	-3	149	355	0.00	75	67	71	NA	NA	NA
10/25	73	52	63	2	152	368	0.00	74	68	71	NA	NA	NA
10/26	74	57	66	5	158	384	0.00	72	67	70	NA	NA	NA
10/27	77	51	64	4	162	398	0.00	74	67	71	NA	NA	NA
10/28	76	38	57	-3	162	405	0.00	73	65	69	NA	NA	NA
10/29	68	38	53	-6	162	408	0.00	70	65	68	NA	NA	NA
10/30	60	46	53	-6	162	411	2.40	64	62	63	NA	NA	NA
10/31	46	30	38	-21	162	411	0.02	62	55	59	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 74.6 Mean Minimum= 50.7 Average= 62.6
 DFN= -2.5 DFN= +0.0 DFN= -1.3
 Highest= 86 Lowest= 30

PRECIPITATION STATISTICS (inches):

Total= 3.00 DFN= +0.25 Greatest Daily= 2.40 Rain Days= 5
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 82 Lowest= 55 Average= 72

Daily Weather Observations: Black Belt Substation, Marion Junction

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
11/ 1	42	25	34	-24	0	0	0.00	53	47	50	NA	NA	NA
11/ 2	52	26	39	-19	0	0	0.00	55	46	51	NA	NA	NA
11/ 3	58	28	43	-15	0	0	0.00	54	46	50	NA	NA	NA
11/ 4	66	38	52	-5	0	2	0.02	58	49	54	NA	NA	NA
11/ 5	69	52	61	4	1	13	1.58	64	55	60	NA	NA	NA
11/ 6	76	40	58	1	1	21	0.26	68	60	64	NA	NA	NA
11/ 7	57	28	43	-13	1	21	0.01	62	50	56	NA	NA	NA
11/ 8	51	29	40	-16	1	21	0.00	56	48	52	NA	NA	NA
11/ 9	62	33	48	-8	1	21	0.00	58	42	50	NA	NA	NA
11/10	54	39	47	-8	1	21	0.00	54	53	54	NA	NA	NA
11/11	66	33	50	-5	1	21	0.00	60	50	55	NA	NA	NA
11/12	68	34	51	-4	1	22	0.00	56	50	53	NA	NA	NA
11/13	72	39	56	2	1	28	0.00	61	50	56	NA	NA	NA
11/14	79	62	71	17	12	49	0.00	66	60	63	NA	NA	NA
11/15	82	65	74	20	26	73	1.00	69	65	67	NA	NA	NA
11/16	68	62	65	11	31	88	0.94	67	66	67	NA	NA	NA
11/17	78	63	71	17	42	109	0.00	72	67	70	NA	NA	NA
11/18	72	45	59	6	42	118	0.08	69	58	64	NA	NA	NA
11/19	54	40	47	-6	42	118	0.00	61	55	58	NA	NA	NA
11/20	59	41	50	-3	42	118	0.00	57	54	56	NA	NA	NA
11/21	55	30	43	-10	42	118	0.00	56	47	52	NA	NA	NA
11/22	60	31	46	-6	42	118	0.00	58	47	53	NA	NA	NA
11/23	68	33	51	-1	42	119	0.00	59	46	53	NA	NA	NA
11/24	69	37	53	1	42	122	0.00	59	50	55	NA	NA	NA
11/25	71	37	54	2	42	126	0.00	59	51	55	NA	NA	NA
11/26	61	39	50	-1	42	126	0.00	57	51	54	NA	NA	NA
11/27	56	40	48	-3	42	126	0.00	60	51	56	NA	NA	NA
11/28	49	26	38	-13	42	126	0.00	54	45	50	NA	NA	NA
11/29	57	28	43	-8	42	126	0.00	51	44	48	NA	NA	NA
11/30	69	28	49	-1	42	126	0.00	55	44	50	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 63.3 Mean Minimum= 38.4 Average= 50.8
 DFN= -3.3 DFN= -2.6 DFN= -3.0
 Highest= 82 Lowest= 25

PRECIPITATION STATISTICS (inches):

Total= 3.89 DFN= +0.63 Greatest Daily= 1.58 Rain Days= 7
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 72 Lowest= 42 Average= 56

Daily Weather Observations: Black Belt Substation, Marion Junction

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
12/ 1	69	34	52	2	0	2	0.00	56	49	53	NA	NA	NA
12/ 2	63	42	53	3	0	5	0.00	54	47	51	NA	NA	NA
12/ 3	63	43	53	3	0	8	0.00	56	47	52	NA	NA	NA
12/ 4	65	47	56	7	0	14	0.00	62	54	58	NA	NA	NA
12/ 5	69	47	58	9	0	22	0.30	62	56	59	NA	NA	NA
12/ 6	61	38	50	1	0	22	0.00	60	51	56	NA	NA	NA
12/ 7	59	32	46	-3	0	22	0.00	56	49	53	NA	NA	NA
12/ 8	57	32	45	-4	0	22	0.00	54	47	51	NA	NA	NA
12/ 9	65	38	52	4	0	24	0.00	56	47	52	NA	NA	NA
12/10	69	39	54	6	0	28	0.40	58	49	54	NA	NA	NA
12/11	63	40	52	4	0	30	0.64	59	52	56	NA	NA	NA
12/12	53	25	39	-9	0	30	0.00	57	52	55	NA	NA	NA
12/13	53	40	47	-1	0	30	0.00	55	44	50	NA	NA	NA
12/14	58	42	50	2	0	30	0.82	50	46	48	NA	NA	NA
12/15	51	40	46	-2	0	30	0.10	55	48	52	NA	NA	NA
12/16	47	39	43	-5	0	30	0.00	49	48	49	NA	NA	NA
12/17	48	42	45	-2	0	30	0.00	50	47	49	NA	NA	NA
12/18	47	34	41	-6	0	30	0.00	52	48	50	NA	NA	NA
12/19	52	36	44	-3	0	30	0.00	52	48	50	NA	NA	NA
12/20	52	36	44	-3	0	30	0.05	51	47	49	NA	NA	NA
12/21	50	34	42	-5	0	30	0.28	51	47	49	NA	NA	NA
12/22	46	34	40	-7	0	30	0.01	50	46	48	NA	NA	NA
12/23	38	32	35	-11	0	30	0.30	45	45	45	NA	NA	NA
12/24	44	29	37	-9	0	30	0.00	48	44	46	NA	NA	NA
12/25	38	28	33	-13	0	30	0.00	45	41	43	NA	NA	NA
12/26	45	21	33	-13	0	30	0.00	45	41	43	NA	NA	NA
12/27	58	33	46	0	0	30	0.00	46	41	44	NA	NA	NA
12/28	66	43	55	9	0	35	0.00	47	42	45	NA	NA	NA
12/29	73	38	56	10	0	41	0.25	55	43	49	NA	NA	NA
12/30	44	28	36	-10	0	41	0.00	43	39	41	NA	NA	NA
12/31	42	18	30	-15	0	41	0.00	46	41	44	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 55.1 Mean Minimum= 35.6 Average= 45.4
 DFN= -3.8 DFN= -0.2 DFN= -2.0
 Highest= 73 Lowest= 18

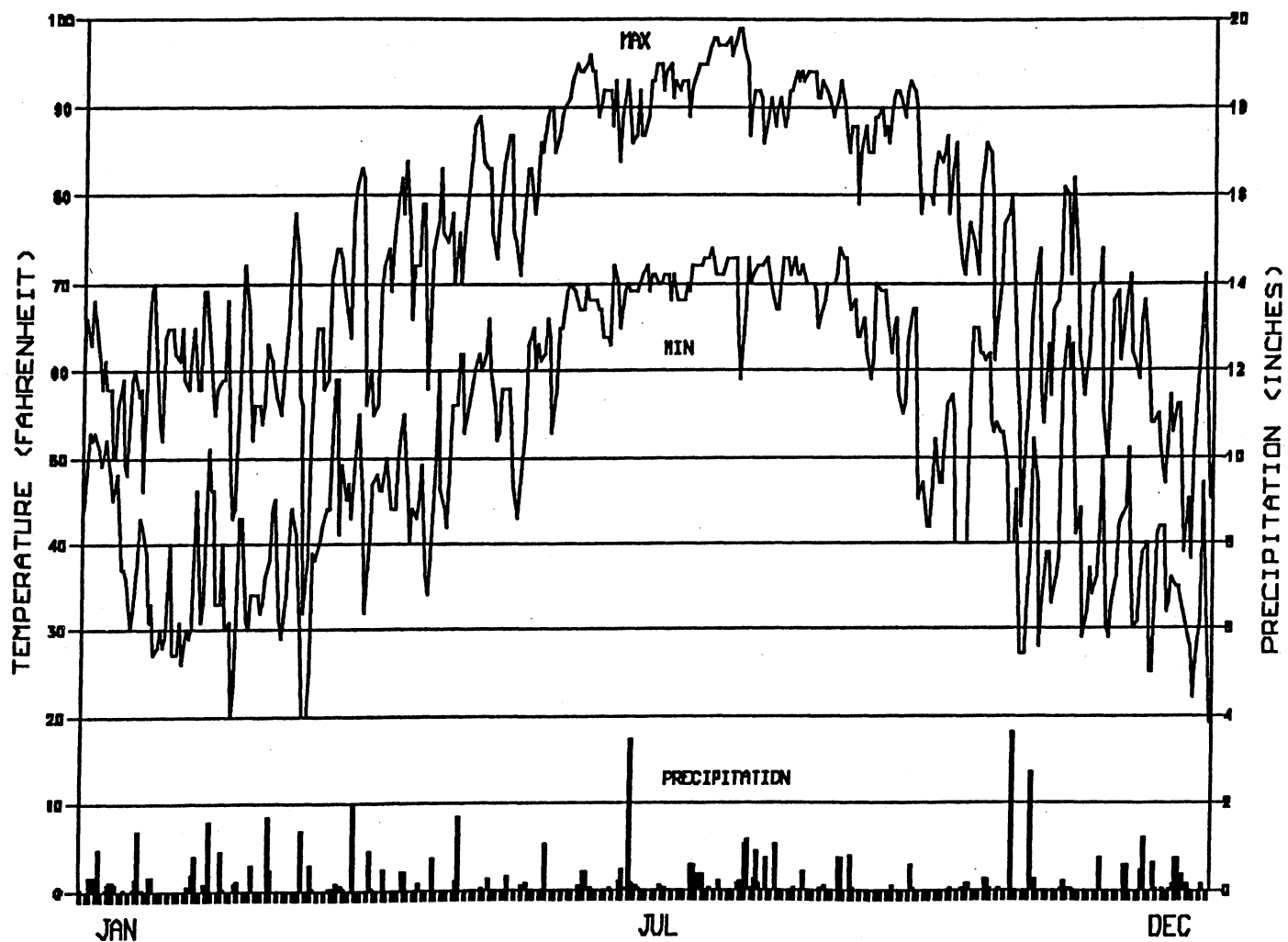
PRECIPITATION STATISTICS (inches):

Total= 3.15 DFN= -2.28 Greatest Daily= 0.82 Rain Days= 10
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 62 Lowest= 39 Average= 50

E. V. Smith Research Center, Shorter
Daily Precipitation, Maximum and Minimum Temperature
January 1 - December 31 1993



Monthly precipitation summary: E. V. Smith Research Center, Shorter

For the period: Sunday January 1, 1984													
to: Thursday December 31, 1992													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1984	3.72	4.98	4.79	3.06	4.07	1.06	5.50	7.20	2.23	2.34	0.00	0.00	38.95
	-1.16	-0.33	-1.63	-2.11	0.09	-2.81	1.16	3.35	-2.01	0.07	-3.40	-5.14	-13.92
1985	3.38	6.64	2.19	2.77	3.09	4.10	6.14	4.49	1.89	6.21	5.38	2.63	48.91
	-1.50	1.53	-4.23	-2.40	-0.89	0.23	1.80	0.64	-2.35	3.94	1.98	-2.51	-3.76
1986	3.27	6.91	8.95	0.24	1.75	1.06	2.62	6.56	3.83	2.77	8.63	2.63	49.22
	-1.61	1.80	2.53	-4.93	-2.23	-2.81	-1.72	2.71	-0.41	0.50	5.23	-2.51	-3.45
1987	7.07	7.15	4.82	0.66	3.03	5.08	7.20	3.27	1.59	0.57	3.99	3.75	48.18
	2.19	2.04	-1.60	-4.51	-0.95	1.21	2.86	-0.58	-2.65	-1.70	0.59	-1.39	-4.49
1988	6.09	4.80	3.72	4.59	3.33	1.94	6.67	2.50	9.42	2.91	6.78	2.90	55.65
	1.21	-0.51	-2.70	-0.58	-0.65	-1.93	2.33	-1.35	5.18	0.64	3.38	-2.24	2.78
1989	2.80	2.68	8.70	6.47	5.10	14.29	8.86	3.29	3.94	2.93	4.58	8.63	72.27
	-2.08	-2.43	2.28	1.30	1.12	10.42	4.52	-0.56	-0.30	0.66	1.18	3.49	19.60
1990	7.36	6.85	11.85	3.09	4.38	2.09	2.54	1.46	2.86	1.82	1.91	5.15	51.36
	2.48	1.74	5.43	-2.08	0.40	-1.78	-1.80	-2.39	-1.38	-0.45	-1.49	0.01	-1.31
1991	7.52	2.91	7.07	3.54	4.97	5.49	2.35	4.11	1.88	0.37	5.28	3.84	49.33
	2.64	-2.20	0.65	-1.63	0.99	1.62	-1.99	0.26	-2.36	-1.90	1.88	-1.30	-3.34
1992	6.99	6.71	3.70	2.98	1.66	3.86	7.07	5.54	3.43	3.41	10.57	4.36	60.28
	2.11	1.40	-2.72	-2.19	-2.32	-0.01	2.73	1.69	-0.81	1.14	7.17	-0.78	7.41

SUMMARY FOR 1984 TO 1992													
	4.88	5.31	6.42	5.17	3.98	3.87	4.34	3.85	4.24	2.27	3.40	5.14	52.87
	4.28	3.04	-1.99	-19.13	-4.44	4.14	9.89	3.77	-7.09	2.90	16.52	-12.37	-0.48

YEARLY TOTALS: LINE 1 OBSERVED MONTHLY RAIN TOTALS
 LINE 2 DEPARTURE FROM NORMAL (DFN)
 SUMMARY TOTALS: LINE 1 NORMAL MONTHLY RAIN TOTALS
 LINE 2 CUMULATIVE MONTHLY DFN

NOTE: All Precip normals are based on the 1951-80 period.
 Missing MONTHLY or YEARLY totals are NOT included
 in the summary totals!

Daily Weather Observations: E. V. Smith Research Center, Shorter

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
1/ 1	61	43	52	7	0	2	0.03	58	51	55	NA	NA	NA
1/ 2	66	45	56	11	0	8	0.00	61	51	56	NA	NA	NA
1/ 3	63	53	58	13	0	16	0.00	58	51	55	NA	NA	NA
1/ 4	68	52	60	15	0	26	0.00	60	52	56	NA	NA	NA
1/ 5	66	53	60	15	0	36	0.28	59	52	56	NA	NA	NA
1/ 6	61	51	56	11	0	42	0.30	61	56	59	NA	NA	NA
1/ 7	58	49	54	9	0	46	0.08	60	55	58	NA	NA	NA
1/ 8	61	50	56	11	0	52	0.93	57	55	56	NA	NA	NA
1/ 9	58	52	55	10	0	57	0.00	59	55	57	NA	NA	NA
1/10	58	48	53	8	0	60	0.01	58	54	56	NA	NA	NA
1/11	50	45	48	3	0	60	0.11	55	51	53	NA	NA	NA
1/12	50	46	48	3	0	60	0.16	53	50	52	NA	NA	NA
1/13	56	48	52	7	0	62	0.15	55	50	53	NA	NA	NA
1/14	59	37	48	3	0	62	0.00	59	47	53	NA	NA	NA
1/15	49	37	43	-2	0	62	0.00	53	45	49	NA	NA	NA
1/16	48	36	42	-2	0	62	0.02	50	45	48	NA	NA	NA
1/17	59	30	45	1	0	62	0.00	57	43	50	NA	NA	NA
1/18	60	32	46	2	0	62	0.00	56	41	49	NA	NA	NA
1/19	57	38	48	4	0	62	0.05	53	45	49	NA	NA	NA
1/20	58	43	51	7	0	63	0.25	55	50	53	NA	NA	NA
1/21	46	42	44	0	0	63	1.36	52	48	50	NA	NA	NA
1/22	65	39	52	7	0	65	0.06	55	50	53	NA	NA	NA
1/23	69	31	50	5	0	65	0.00	61	44	53	NA	NA	NA
1/24	70	33	52	7	0	67	0.00	60	43	52	NA	NA	NA
1/25	64	27	46	1	0	67	0.29	56	42	49	NA	NA	NA
1/26	54	28	41	-4	0	67	0.00	53	40	47	NA	NA	NA
1/27	52	30	41	-4	0	67	0.00	48	39	44	NA	NA	NA
1/28	64	28	46	1	0	67	0.00	55	39	47	NA	NA	NA
1/29	65	29	47	2	0	67	0.00	56	39	48	NA	NA	NA
1/30	65	40	53	8	0	70	0.00	58	46	52	NA	NA	NA
1/31	62	27	45	-1	0	70	0.00	58	41	50	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 59.4 Mean Minimum= 40.1 Average= 49.7
 DFN= +3.9 DFN= +6.4 DFN= +5.1
 Highest= 70 Lowest= 27

PRECIPITATION STATISTICS (inches):

Total= 4.08 DFN= -0.80 Greatest Daily= 1.36 Rain Days= 15
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 61 Lowest= 39 Average= 52

Daily Weather Observations: E. V. Smith Research Center, Shorter

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
2/ 1	61	27	44	-2	0	0	0.00	55	40	48	NA	NA	NA
2/ 2	65	31	48	2	0	0	0.00	58	42	50	NA	NA	NA
2/ 3	59	26	43	-3	0	0	0.00	56	40	48	NA	NA	NA
2/ 4	58	30	44	-2	0	0	0.00	55	38	47	NA	NA	NA
2/ 5	62	29	46	0	0	0	0.00	56	41	49	NA	NA	NA
2/ 6	65	30	48	2	0	0	0.07	57	41	49	NA	NA	NA
2/ 7	58	46	52	6	0	2	0.32	56	49	53	NA	NA	NA
2/ 8	58	38	48	2	0	2	0.79	51	46	49	NA	NA	NA
2/ 9	69	31	50	4	0	2	0.00	61	45	53	NA	NA	NA
2/10	69	33	51	5	0	3	0.00	59	45	52	NA	NA	NA
2/11	62	51	57	11	0	10	0.14	58	51	55	NA	NA	NA
2/12	58	46	52	5	0	12	1.58	55	50	53	NA	NA	NA
2/13	55	46	51	4	0	13	0.00	55	50	53	NA	NA	NA
2/14	58	33	46	-1	0	13	0.00	60	39	50	NA	NA	NA
2/15	59	33	46	-1	0	13	0.00	59	43	51	NA	NA	NA
2/16	59	40	50	3	0	13	0.86	51	45	48	NA	NA	NA
2/17	68	30	49	2	0	13	0.01	64	44	54	NA	NA	NA
2/18	48	31	40	-8	0	13	0.00	54	42	48	NA	NA	NA
2/19	43	20	32	-16	0	13	0.00	53	38	46	NA	NA	NA
2/20	44	23	34	-14	0	13	0.00	49	36	43	NA	NA	NA
2/21	62	43	53	5	0	16	0.10	52	44	48	NA	NA	NA
2/22	72	43	58	9	0	24	0.19	59	51	55	NA	NA	NA
2/23	67	31	49	0	0	24	0.00	64	45	55	NA	NA	NA
2/24	58	30	44	-5	0	24	0.00	60	44	52	NA	NA	NA
2/25	52	34	43	-6	0	24	0.00	55	43	49	NA	NA	NA
2/26	56	34	45	-4	0	24	0.54	50	47	49	NA	NA	NA
2/27	56	34	45	-5	0	24	0.00	57	45	51	NA	NA	NA
2/28	54	32	43	-7	0	24	0.00	58	47	53	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 59.1 Mean Minimum= 34.1 Average= 46.6
 DFN= +0.0 DFN= -1.2 DFN= -0.6
 Highest= 72 Lowest= 20

PRECIPITATION STATISTICS (inches):

Total= 4.60 DFN= -0.51 Greatest Daily= 1.58 Rain Days= 10
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 64 Lowest= 36 Average= 50

Daily Weather Observations: E. V. Smith Research Center, Shorter

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
3/ 1	56	33	45	-5	0	0	0.00	57	43	50	NA	NA	NA
3/ 2	63	36	50	0	0	0	0.00	62	44	53	NA	NA	NA
3/ 3	61	38	50	-1	0	0	1.70	NA	NA	NA	NA	NA	NA
3/ 4	59	44	52	1	0	2	0.44	55	49	52	NA	NA	NA
3/ 5	57	45	51	0	0	3	0.00	60	48	54	NA	NA	NA
3/ 6	55	31	43	-9	0	3	0.00	67	45	56	NA	NA	NA
3/ 7	59	29	44	-8	0	3	0.00	62	44	53	NA	NA	NA
3/ 8	66	34	50	-2	0	3	0.00	63	47	55	NA	NA	NA
3/ 9	73	40	57	5	0	10	0.00	65	44	55	NA	NA	NA
3/10	78	44	61	8	1	21	0.00	68	49	59	NA	NA	NA
3/11	72	41	57	4	1	28	0.00	67	51	59	NA	NA	NA
3/12	57	35	46	-7	1	28	0.00	60	49	55	NA	NA	NA
3/13	56	29	43	-11	1	28	0.00	56	40	48	NA	NA	NA
3/14	32	20	26	-28	1	28	1.37	41	37	39	NA	NA	NA
3/15	38	20	29	-25	1	28	0.00	48	37	43	NA	NA	NA
3/16	53	25	39	-15	1	28	0.00	54	35	45	NA	NA	NA
3/17	60	39	50	-5	1	28	0.55	55	42	49	NA	NA	NA
3/18	65	38	52	-3	1	30	0.01	60	45	53	NA	NA	NA
3/19	65	40	53	-2	1	33	0.00	65	45	55	NA	NA	NA
3/20	58	42	50	-6	1	33	0.00	57	45	51	NA	NA	NA
3/21	59	44	52	-4	1	35	0.00	57	45	51	NA	NA	NA
3/22	71	44	58	2	1	43	0.00	66	51	59	NA	NA	NA
3/23	74	59	67	11	8	60	0.03	67	56	62	NA	NA	NA
3/24	74	59	67	10	15	77	0.01	67	56	62	NA	NA	NA
3/25	73	41	57	0	15	84	0.00	72	54	63	NA	NA	NA
3/26	70	49	60	3	15	94	0.12	62	52	57	NA	NA	NA
3/27	66	45	56	-2	15	100	0.08	65	54	60	NA	NA	NA
3/28	64	47	56	-2	15	106	0.01	68	52	60	NA	NA	NA
3/29	78	43	61	3	16	117	0.00	70	55	63	NA	NA	NA
3/30	81	47	64	5	20	131	0.00	74	54	64	NA	NA	NA
3/31	83	55	69	10	29	150	1.98	73	55	64	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 63.7 Mean Minimum= 39.9 Average= 51.8
 DFN= -2.6 DFN= -2.4 DFN= -2.5
 Highest= 83 Lowest= 20

PRECIPITATION STATISTICS (inches):

Total= 6.30 DFN= -0.12 Greatest Daily= 1.98 Rain Days= 11
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 74 Lowest= 35 Average= 55

Daily Weather Observations: E. V. Smith Research Center, Shorter

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
4/ 1	82	50	66	7	6	16	0.00	75	58	67	NA	NA	NA
4/ 2	72	45	59	-1	6	25	0.00	58	55	57	NA	NA	NA
4/ 3	56	32	44	-16	6	25	0.00	62	48	55	NA	NA	NA
4/ 4	60	40	50	-10	6	25	0.00	62	48	55	0.10	NA	NA
4/ 5	55	47	51	-10	6	26	0.90	55	52	54	NA	NA	NA
4/ 6	56	48	52	-9	6	28	0.06	58	54	56	0.15	NA	NA
4/ 7	69	46	58	-3	6	36	0.00	70	52	61	0.16	NA	NA
4/ 8	72	46	59	-2	6	45	0.00	72	53	63	0.21	NA	NA
4/ 9	74	50	62	0	8	57	0.00	68	55	62	NA	NA	NA
4/10	69	47	58	-4	8	65	0.46	68	55	62	NA	NA	NA
4/11	75	44	60	-2	8	75	0.00	72	54	63	0.24	NA	NA
4/12	80	44	62	0	10	87	0.00	74	54	64	0.30	NA	NA
4/13	82	50	66	3	16	103	0.00	78	57	68	0.26	NA	NA
4/14	78	53	66	3	22	119	0.00	77	58	68	0.15	NA	NA
4/15	84	55	70	7	32	139	0.00	77	59	68	0.32	NA	NA
4/16	76	47	62	-2	34	151	0.38	70	57	64	NA	NA	NA
4/17	66	40	53	-11	34	154	0.00	72	54	63	0.25	NA	NA
4/18	72	44	58	-6	34	162	0.00	73	54	64	0.21	NA	NA
4/19	72	43	58	-6	34	170	0.00	75	56	66	0.14	NA	NA
4/20	79	45	62	-3	36	182	0.00	79	55	67	0.40	NA	NA
4/21	79	49	64	-1	40	196	0.11	80	56	68	NA	NA	NA
4/22	58	36	47	-18	40	196	0.00	74	53	64	0.23	NA	NA
4/23	65	34	50	-15	40	196	0.00	77	53	65	0.24	NA	NA
4/24	74	38	56	-10	40	202	0.00	80	54	67	NA	NA	NA
4/25	77	49	63	-3	43	215	0.00	77	58	68	0.25	NA	NA
4/26	83	60	72	6	55	237	0.74	81	66	74	NA	NA	NA
4/27	76	46	61	-5	56	248	0.00	80	60	70	0.29	NA	NA
4/28	75	44	60	-7	56	258	0.00	78	58	68	0.35	NA	NA
4/29	76	42	59	-8	56	267	0.00	78	55	67	0.15	NA	NA
4/30	78	48	63	-4	59	280	0.00	82	56	69	0.30	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 72.3 Mean Minimum= 45.4 Average= 58.9
 DFN= -3.5 DFN= -5.0 DFN= -4.2
 Highest= 84 Lowest= 32

PRECIPITATION STATISTICS (inches):

Total= 2.65 DFN= -2.52 Greatest Daily= 0.90 Rain Days= 6
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 82 Lowest= 48 Average= 64

AVERAGE DAILY VALUES:

 Pan Evaporation= .24 (in)

Daily Weather Observations: E. V. Smith Research Center, Shorter

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
5/ 1	70	56	63	-5	3	13	0.00	69	60	65	0.13	NA	NA
5/ 2	76	56	66	-2	9	29	0.00	76	62	69	0.05	NA	NA
5/ 3	70	62	66	-2	15	45	0.20	69	65	67	NA	NA	NA
5/ 4	75	62	69	1	24	64	1.70	72	64	68	NA	NA	NA
5/ 5	78	53	66	-3	30	80	0.00	80	64	72	0.16	NA	NA
5/ 6	84	56	70	1	40	100	0.00	83	63	73	0.29	NA	NA
5/ 7	88	58	73	4	53	123	0.00	84	64	74	0.32	NA	NA
5/ 8	89	61	75	6	68	148	0.00	84	64	74	0.19	NA	NA
5/ 9	87	62	75	6	83	173	0.00	83	66	75	0.33	NA	NA
5/10	84	60	72	2	95	195	0.00	87	66	77	0.33	NA	NA
5/11	83	62	73	3	108	218	0.00	88	NA	NA	0.29	NA	NA
5/12	83	66	75	5	123	243	0.02	87	70	79	0.13	NA	NA
5/13	76	60	68	-2	131	261	0.00	82	70	76	0.13	NA	NA
5/14	73	56	65	-6	136	276	0.22	78	65	72	NA	NA	NA
5/15	78	52	65	-6	141	291	0.00	84	64	74	0.32	NA	NA
5/16	81	53	67	-4	148	308	0.00	90	65	78	0.15	NA	NA
5/17	84	58	71	0	159	329	0.00	90	68	79	0.36	NA	NA
5/18	87	58	73	2	172	352	0.00	93	70	82	0.39	NA	NA
5/19	87	58	73	1	185	375	0.00	94	72	83	0.38	NA	NA
5/20	76	54	65	-7	190	390	0.30	82	67	75	NA	NA	NA
5/21	75	47	61	-11	191	401	0.00	81	65	73	0.36	NA	NA
5/22	71	43	57	-15	191	408	0.00	85	64	75	0.40	NA	NA
5/23	76	46	61	-12	192	419	0.00	90	63	77	0.24	NA	NA
5/24	83	53	68	-5	200	437	0.00	91	66	79	0.30	NA	NA
5/25	83	63	73	0	213	460	0.08	88	70	79	0.16	NA	NA
5/26	78	65	72	-1	225	482	0.10	79	71	75	NA	NA	NA
5/27	80	60	70	-3	235	502	0.00	84	70	77	0.15	NA	NA
5/28	86	63	75	1	250	527	0.00	90	70	80	0.26	NA	NA
5/29	85	61	73	-1	263	550	0.00	91	74	83	0.21	NA	NA
5/30	89	62	76	2	279	576	0.00	97	72	85	0.28	NA	NA
5/31	90	66	78	4	297	604	0.00	97	74	86	0.26	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 80.8 Mean Minimum= 57.8 Average= 69.3
 DFN= -2.2 DFN= -0.6 DFN= -1.4
 Highest= 90 Lowest= 43

PRECIPITATION STATISTICS (inches):

Total= 2.62 DFN= -1.36 Greatest Daily= 1.70 Rain Days= 7
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 97 Lowest= 60 Average= 76

AVERAGE DAILY VALUES:

 Pan Evaporation= .25 (in)

Daily Weather Observations: E. V. Smith Research Center, Shorter

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
6/ 1	90	64	77	2	17	27	1.00	98	74	86	NA	NA	NA
6/ 2	85	53	69	-6	26	46	0.00	87	69	78	0.27	NA	NA
6/ 3	87	58	73	-2	39	69	0.00	90	67	79	0.26	NA	NA
6/ 4	89	65	77	2	56	96	0.00	94	70	82	0.34	NA	NA
6/ 5	90	65	78	2	74	124	0.00	95	75	85	0.31	NA	NA
6/ 6	91	69	80	4	94	154	0.00	99	78	89	NA	NA	NA
6/ 7	93	70	82	6	116	186	0.00	99	78	89	0.31	NA	NA
6/ 8	95	69	82	6	138	218	0.00	102	80	91	0.30	NA	NA
6/ 9	94	68	81	5	159	249	0.00	103	81	92	0.38	NA	NA
6/10	94	67	81	4	180	280	0.00	103	80	92	0.35	NA	NA
6/11	95	67	81	4	201	311	0.00	105	82	94	0.36	NA	NA
6/12	96	70	83	6	224	344	0.07	105	82	94	0.29	NA	NA
6/13	94	68	81	4	245	375	0.02	102	81	92	0.26	NA	NA
6/14	94	68	81	4	266	406	0.38	100	80	90	NA	NA	NA
6/15	89	68	79	2	285	435	0.00	95	79	87	0.31	NA	NA
6/16	90	67	79	2	304	464	0.04	100	78	89	0.17	NA	NA
6/17	92	67	80	2	324	494	0.00	100	77	89	0.30	NA	NA
6/18	92	64	78	0	342	522	0.00	104	79	92	NA	NA	NA
6/19	92	64	78	0	360	550	0.00	104	81	93	0.38	NA	NA
6/20	88	63	76	-2	376	576	0.00	101	81	91	0.37	NA	NA
6/21	93	72	83	5	399	609	0.00	104	80	92	0.38	NA	NA
6/22	84	70	77	-1	416	636	0.01	91	86	89	0.08	NA	NA
6/23	89	65	77	-2	433	663	0.00	98	80	89	0.27	NA	NA
6/24	93	69	81	2	454	694	0.00	104	80	92	0.33	NA	NA
6/25	90	70	80	1	474	724	0.18	99	78	89	0.03	NA	NA
6/26	86	69	78	-1	492	752	0.45	92	77	85	NA	NA	NA
6/27	87	69	78	-1	510	780	0.02	88	76	82	0.11	NA	NA
6/28	92	69	81	2	531	811	3.42	95	75	85	NA	NA	NA
6/29	87	70	79	0	550	840	0.14	90	72	81	0.35	NA	NA
6/30	87	71	79	0	569	869	0.09	85	75	80	0.09	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 90.6 Mean Minimum= 66.9 Average= 78.8
 DFN= +1.6 DFN= +1.7 DFN= +1.7
 Highest= 96 Lowest= 53

PRECIPITATION STATISTICS (inches):

Total= 5.82 DFN= +1.95 Greatest Daily= 3.42 Rain Days= 12
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 105 Lowest= 67 Average= 88

AVERAGE DAILY VALUES:

 Pan Evaporation= .28 (in)

Daily Weather Observations: E. V. Smith Research Center, Shorter

DATE	AIR TEMPERATURE			DFN	GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG		B60	B50		MAX	MIN	MEAN			
7/ 1	89	72	81	2	21	31	0.06	90	76	83	0.16	NA	NA
7/ 2	93	69	81	2	42	62	0.00	93	76	85	0.26	NA	NA
7/ 3	93	71	82	3	64	94	0.00	95	75	85	0.28	NA	NA
7/ 4	95	71	83	4	87	127	0.00	95	79	87	0.30	NA	NA
7/ 5	95	70	83	4	110	160	0.00	98	79	89	0.35	NA	NA
7/ 6	92	70	81	2	131	191	0.00	102	80	91	0.32	NA	NA
7/ 7	94	71	83	4	154	224	0.00	105	82	94	0.31	NA	NA
7/ 8	95	71	83	4	177	257	0.09	105	82	94	0.22	NA	NA
7/ 9	91	68	80	1	197	287	0.01	102	81	92	0.24	NA	NA
7/10	93	71	82	3	219	319	0.00	103	87	95	0.37	NA	NA
7/11	92	68	80	1	239	349	0.00	104	80	92	0.36	NA	NA
7/12	93	68	81	2	260	380	0.00	105	94	100	NA	NA	NA
7/13	93	68	81	1	281	411	0.00	105	85	95	NA	NA	NA
7/14	89	70	80	0	301	441	0.00	98	83	91	0.24	NA	NA
7/15	92	69	81	1	322	472	0.00	104	82	93	0.35	NA	NA
7/16	93	72	83	3	345	505	0.00	105	82	94	0.37	NA	NA
7/17	95	72	84	4	369	539	0.00	105	84	95	0.30	NA	NA
7/18	95	72	84	4	393	573	0.55	97	81	89	NA	NA	NA
7/19	95	72	84	4	417	607	0.00	99	79	89	NA	NA	NA
7/20	95	73	84	4	441	641	0.35	99	80	90	NA	NA	NA
7/21	97	73	85	5	466	676	0.32	97	80	89	0.32	NA	NA
7/22	98	74	86	6	492	712	0.00	102	79	91	0.31	NA	NA
7/23	98	73	86	6	518	748	0.00	104	81	93	0.34	NA	NA
7/24	97	71	84	4	542	782	0.01	105	84	95	0.21	NA	NA
7/25	97	71	84	4	566	816	0.00	104	82	93	0.34	NA	NA
7/26	97	71	84	4	590	850	0.00	105	85	95	0.22	NA	NA
7/27	98	73	86	6	616	886	0.17	108	84	96	NA	NA	NA
7/28	96	73	85	5	641	921	0.00	102	82	92	0.31	NA	NA
7/29	98	73	86	6	667	957	0.00	104	82	93	0.30	NA	NA
7/30	99	73	86	6	693	993	0.00	104	83	94	0.28	NA	NA
7/31	99	64	82	2	715	1025	0.00	110	84	97	0.40	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 94.7 Mean Minimum= 70.9 Average= 82.8
 DFN= +4.1 DFN= +2.4 DFN= +3.2
 Highest= 99 Lowest= 64

PRECIPITATION STATISTICS (inches):

Total= 1.56 DFN= -2.78 Greatest Daily= 0.55 Rain Days= 8
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 110 Lowest= 75 Average= 92

AVERAGE DAILY VALUES:

 Pan Evaporation= .30 (in)

Daily Weather Observations: E. V. Smith Research Center, Shorter

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
8/ 1	97	59	78	-2	18	28	0.00	105	80	93	0.38	NA	NA
8/ 2	95	67	81	1	39	59	0.12	103	81	92	0.10	NA	NA
8/ 3	87	73	80	0	59	89	0.21	89	80	85	NA	NA	NA
8/ 4	90	70	80	0	79	119	1.04	90	78	84	NA	NA	NA
8/ 5	92	71	82	2	101	151	1.15	86	76	81	NA	NA	NA
8/ 6	92	72	82	2	123	183	0.03	90	80	85	0.14	NA	NA
8/ 7	91	72	82	2	145	215	0.26	77	74	76	NA	NA	NA
8/ 8	86	72	79	-1	164	244	0.85	82	80	81	NA	NA	NA
8/ 9	89	73	81	1	185	275	0.10	80	74	77	NA	NA	NA
8/10	91	71	81	1	206	306	0.00	97	79	88	0.27	NA	NA
8/11	88	68	78	-2	224	334	0.00	88	76	82	0.26	NA	NA
8/12	90	67	79	-1	243	363	0.00	89	79	84	0.24	NA	NA
8/13	91	67	79	-1	262	392	0.00	92	74	83	0.23	NA	NA
8/14	88	73	81	1	283	423	1.03	85	76	81	NA	NA	NA
8/15	89	73	81	1	304	454	0.00	90	76	83	0.27	NA	NA
8/16	92	73	83	3	327	487	0.00	92	75	84	0.23	NA	NA
8/17	92	71	82	2	349	519	0.00	93	78	86	0.26	NA	NA
8/18	94	73	84	4	373	553	0.00	93	77	85	0.28	NA	NA
8/19	93	71	82	3	395	585	0.00	90	78	84	0.20	NA	NA
8/20	94	71	83	4	418	618	0.03	97	79	88	0.24	NA	NA
8/21	93	72	83	4	441	651	0.00	97	78	88	0.23	NA	NA
8/22	94	70	82	3	463	683	0.00	100	80	90	0.30	NA	NA
8/23	94	70	82	3	485	715	0.38	99	79	89	NA	NA	NA
8/24	94	70	82	3	507	747	0.00	93	78	86	0.22	NA	NA
8/25	91	69	80	1	527	777	0.00	94	78	86	0.24	NA	NA
8/26	91	65	78	-1	545	805	0.00	95	78	87	0.24	NA	NA
8/27	93	66	80	1	565	835	0.00	98	76	87	0.27	NA	NA
8/28	92	68	80	1	585	865	0.00	99	78	89	0.28	NA	NA
8/29	91	70	81	2	606	896	0.02	98	78	88	0.22	NA	NA
8/30	89	70	80	2	626	926	0.07	92	75	84	0.12	NA	NA
8/31	90	70	80	2	646	956	0.00	90	77	84	0.18	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 91.4 Mean Minimum= 69.9 Average= 80.6
 DFN= +0.9 DFN= +2.0 DFN= +1.4
 Highest= 97 Lowest= 59

PRECIPITATION STATISTICS (inches):

Total= 5.29 DFN= +1.44 Greatest Daily= 1.15 Rain Days= 13
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 105 Lowest= 74 Average= 85

AVERAGE DAILY VALUES:

 Pan Evaporation= .23 (in)

Daily Weather Observations: E. V. Smith Research Center, Shorter

DATE	AIR TEMPERATURE			DFN	GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG		B60	B50		MAX	MIN	MEAN			
9/ 1	91	71	81	3	21	31	0.00	96	76	86	0.27	NA	NA
9/ 2	93	74	84	6	45	65	0.00	97	79	88	0.30	NA	NA
9/ 3	90	73	82	4	67	97	0.00	94	80	87	0.11	NA	NA
9/ 4	87	73	80	2	87	127	0.73	91	79	85	NA	NA	NA
9/ 5	85	69	77	-1	104	154	0.00	89	76	83	0.18	NA	NA
9/ 6	88	67	78	1	122	182	0.00	90	79	85	0.17	NA	NA
9/ 7	88	68	78	1	140	210	0.81	89	75	82	NA	NA	NA
9/ 8	79	64	72	-5	152	232	0.03	84	74	79	0.13	NA	NA
9/ 9	85	64	75	-2	167	257	0.00	87	72	80	0.15	NA	NA
9/10	88	66	77	0	184	284	0.00	88	72	80	0.19	NA	NA
9/11	85	62	74	-2	198	308	0.00	87	72	80	0.24	NA	NA
9/12	85	59	72	-4	210	330	0.00	86	70	78	0.21	NA	NA
9/13	89	61	75	-1	225	355	0.00	89	69	79	0.27	NA	NA
9/14	89	70	80	4	245	385	0.00	90	75	83	0.23	NA	NA
9/15	90	69	80	4	265	415	0.00	93	75	84	0.23	NA	NA
9/16	87	69	78	3	283	443	0.00	90	76	83	0.16	NA	NA
9/17	88	69	79	4	302	472	0.00	95	76	86	0.18	NA	NA
9/18	86	66	76	1	318	498	0.00	91	77	84	0.13	NA	NA
9/19	91	62	77	3	335	525	0.00	95	76	86	0.23	NA	NA
9/20	92	65	79	5	354	554	0.00	97	74	86	0.33	NA	NA
9/21	92	66	79	5	373	583	0.09	92	76	84	0.12	NA	NA
9/22	91	57	74	0	387	607	0.00	92	74	83	0.20	NA	NA
9/23	89	55	72	-1	399	629	0.00	95	72	84	0.28	NA	NA
9/24	92	56	74	1	413	653	0.00	94	70	82	0.21	NA	NA
9/25	93	64	79	6	432	682	0.00	94	76	85	0.18	NA	NA
9/26	92	67	80	8	452	712	0.00	94	78	86	0.31	NA	NA
9/27	90	67	79	7	471	741	0.55	94	77	86	NA	NA	NA
9/28	78	45	62	-10	473	753	0.01	84	65	75	0.25	NA	NA
9/29	80	46	63	-8	476	766	0.00	80	62	71	0.16	NA	NA
9/30	80	47	64	-7	480	780	0.00	83	64	74	0.20	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 87.8 Mean Minimum= 63.7 Average= 75.7
 DFN= +1.7 DFN= +0.0 DFN= +0.8
 Highest= 93 Lowest= 45

PRECIPITATION STATISTICS (inches):

Total= 2.22 DFN= -2.02 Greatest Daily= 0.81 Rain Days= 6
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 97 Lowest= 62 Average= 82

AVERAGE DAILY VALUES:

 Pan Evaporation= .21 (in)

Daily Weather Observations: E. V. Smith Research Center, Shorter

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
10/ 1	80	42	61	-9	1	11	0.00	83	62	73	0.23	NA	NA
10/ 2	79	42	61	-8	2	22	0.00	84	63	74	0.25	NA	NA
10/ 3	83	46	65	-4	7	37	0.00	86	62	74	0.11	NA	NA
10/ 4	85	52	69	0	16	56	0.00	86	66	76	0.19	NA	NA
10/ 5	84	47	66	-2	22	72	0.00	88	67	78	0.21	NA	NA
10/ 6	85	47	66	-2	28	88	0.00	88	66	77	0.20	NA	NA
10/ 7	87	52	70	2	38	108	0.00	87	65	76	0.20	NA	NA
10/ 8	78	56	67	0	45	125	0.00	83	70	77	0.12	NA	NA
10/ 9	84	57	71	4	56	146	0.00	86	70	78	0.16	NA	NA
10/10	86	55	71	4	67	167	0.01	88	70	79	0.22	NA	NA
10/11	77	40	59	-7	67	176	0.00	84	65	75	0.19	NA	NA
10/12	72	40	56	-10	67	182	0.00	82	63	73	0.15	NA	NA
10/13	71	40	56	-9	67	188	0.00	80	62	71	0.17	NA	NA
10/14	77	40	59	-6	67	197	0.01	82	62	72	0.16	NA	NA
10/15	76	58	67	2	74	214	0.00	78	66	72	0.11	NA	NA
10/16	75	65	70	6	84	234	0.10	75	68	72	0.05	NA	NA
10/17	71	65	68	4	92	252	0.00	75	67	71	0.07	NA	NA
10/18	81	62	72	9	104	274	0.00	78	67	73	0.04	NA	NA
10/19	83	62	73	10	117	297	0.00	82	67	75	0.03	NA	NA
10/20	86	61	74	11	131	321	0.00	84	71	78	0.22	NA	NA
10/21	85	62	74	12	145	345	0.00	85	69	77	0.16	NA	NA
10/22	80	54	67	5	152	362	0.22	80	66	73	NA	NA	NA
10/23	61	53	57	-5	152	369	0.02	69	62	66	0.01	NA	NA
10/24	65	54	60	-1	152	379	0.00	67	60	64	0.10	NA	NA
10/25	70	53	62	1	154	391	0.00	72	62	67	0.01	NA	NA
10/26	77	53	65	4	159	406	0.04	75	63	69	0.16	NA	NA
10/27	78	49	64	4	163	420	0.00	76	62	69	0.01	NA	NA
10/28	80	40	60	0	163	430	0.00	78	59	69	0.28	NA	NA
10/29	67	40	54	-6	163	434	0.00	75	60	68	0.14	NA	NA
10/30	59	46	53	-6	163	437	3.62	63	58	61	NA	NA	NA
10/31	55	36	46	-13	163	437	0.00	61	49	55	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 76.7 Mean Minimum= 50.6 Average= 63.6
 DFN= +0.1 DFN= -0.9 DFN= -0.4
 Highest= 87 Lowest= 36

PRECIPITATION STATISTICS (inches):

Total= 4.02 DFN= +1.75 Greatest Daily= 3.62 Rain Days= 7
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 88 Lowest= 49 Average= 72

AVERAGE DAILY VALUES:

 Pan Evaporation= .14 (in)

Daily Weather Observations: E. V. Smith Research Center, Shorter

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			VEG WET	SOLAR ENERGY	
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			EVAP
11/ 1	42	27	35	-24	0	0	0.00	55	42	49	NA	NA	NA
11/ 2	53	27	40	-18	0	0	0.00	59	40	50	NA	NA	NA
11/ 3	58	34	46	-12	0	0	0.00	60	43	52	NA	NA	NA
11/ 4	66	38	52	-6	0	2	0.00	62	47	55	NA	NA	NA
11/ 5	70	52	61	3	1	13	2.70	63	55	59	NA	NA	NA
11/ 6	74	47	61	4	2	24	0.25	69	59	64	NA	NA	NA
11/ 7	57	28	43	-14	2	24	0.00	66	46	56	NA	NA	NA
11/ 8	54	33	44	-13	2	24	0.00	61	46	54	NA	NA	NA
11/ 9	63	39	51	-5	2	25	0.00	62	47	55	NA	NA	NA
11/10	57	39	48	-8	2	25	0.00	57	50	54	NA	NA	NA
11/11	67	33	50	-6	2	25	0.00	64	48	56	NA	NA	NA
11/12	68	36	52	-4	2	27	0.00	63	48	56	NA	NA	NA
11/13	71	38	55	0	2	32	0.00	63	48	56	NA	NA	NA
11/14	81	59	70	15	12	52	0.00	68	57	63	NA	NA	NA
11/15	80	65	73	18	25	75	0.03	70	62	66	NA	NA	NA
11/16	71	60	66	12	31	91	0.19	68	63	66	NA	NA	NA
11/17	82	63	73	19	44	114	0.02	72	62	67	NA	NA	NA
11/18	73	41	57	3	44	121	0.05	69	55	62	NA	NA	NA
11/19	62	42	52	-1	44	123	0.00	67	54	61	NA	NA	NA
11/20	60	44	52	-1	44	125	0.00	62	52	57	NA	NA	NA
11/21	57	29	43	-10	44	125	0.00	62	45	54	NA	NA	NA
11/22	62	32	47	-5	44	125	0.00	59	45	52	NA	NA	NA
11/23	69	37	53	1	44	128	0.00	61	45	53	NA	NA	NA
11/24	70	34	52	0	44	130	0.00	64	46	55	NA	NA	NA
11/25	70	36	53	1	44	133	0.00	61	48	55	NA	NA	NA
11/26	74	41	58	7	44	141	0.00	60	53	57	NA	NA	NA
11/27	55	50	53	2	44	144	0.71	56	55	56	NA	NA	NA
11/28	50	30	40	-11	44	144	0.00	56	44	50	NA	NA	NA
11/29	58	29	44	-6	44	144	0.00	56	42	49	NA	NA	NA
11/30	68	30	49	-1	44	144	0.00	58	42	50	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 64.7 Mean Minimum= 39.8 Average= 52.2
 DFN= -1.8 DFN= -2.0 DFN= -1.9
 Highest= 82 Lowest= 27

PRECIPITATION STATISTICS (inches):

Total= 3.95 DFN= +0.55 Greatest Daily= 2.70 Rain Days= 7
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 72 Lowest= 40 Average= 56

Daily Weather Observations: E. V. Smith Research Center, Shorter

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
12/ 1	69	36	53	3	0	3	0.00	59	45	52	NA	NA	NA
12/ 2	61	42	52	2	0	5	0.00	57	45	51	NA	NA	NA
12/ 3	64	43	54	4	0	9	0.00	58	47	53	NA	NA	NA
12/ 4	69	44	57	8	0	16	0.00	59	49	54	NA	NA	NA
12/ 5	71	51	61	12	1	27	0.55	62	53	58	NA	NA	NA
12/ 6	62	38	50	1	1	27	0.00	62	49	56	NA	NA	NA
12/ 7	61	30	46	-3	1	27	0.00	58	44	51	NA	NA	NA
12/ 8	59	31	45	-4	1	27	0.00	57	44	51	NA	NA	NA
12/ 9	66	36	51	2	1	28	0.00	57	44	51	NA	NA	NA
12/10	68	39	54	6	1	32	0.46	59	45	52	NA	NA	NA
12/11	61	40	51	3	1	33	1.20	58	47	53	NA	NA	NA
12/12	54	25	40	-8	1	33	0.00	55	40	48	NA	NA	NA
12/13	54	25	40	-8	1	33	0.00	53	39	46	NA	NA	NA
12/14	55	41	48	0	1	33	0.60	50	44	47	NA	NA	NA
12/15	51	42	47	0	1	33	0.04	51	46	49	NA	NA	NA
12/16	47	42	45	-2	1	33	0.00	50	45	48	NA	NA	NA
12/17	51	32	42	-5	1	33	0.02	52	43	48	NA	NA	NA
12/18	57	33	45	-2	1	33	0.00	54	52	53	NA	NA	NA
12/19	53	36	45	-2	1	33	0.01	52	44	48	NA	NA	NA
12/20	56	35	46	0	1	33	0.14	55	45	50	NA	NA	NA
12/21	56	35	46	0	1	33	0.75	48	45	47	NA	NA	NA
12/22	49	33	41	-5	1	33	0.00	53	44	49	NA	NA	NA
12/23	39	32	36	-10	1	33	0.32	44	40	42	NA	NA	NA
12/24	45	29	37	-9	1	33	0.15	47	39	43	NA	NA	NA
12/25	38	28	33	-13	1	33	0.00	44	36	40	NA	NA	NA
12/26	51	22	37	-8	1	33	0.00	47	35	41	NA	NA	NA
12/27	56	26	41	-4	1	33	0.00	47	37	42	NA	NA	NA
12/28	65	31	48	3	1	33	0.00	52	37	45	NA	NA	NA
12/29	71	47	59	14	1	42	0.11	57	45	51	NA	NA	NA
12/30	53	29	41	-4	1	42	0.00	54	40	47	NA	NA	NA
12/31	45	19	32	-13	1	42	0.00	48	36	42	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 56.7 Mean Minimum= 34.6 Average= 45.6
 DFN= -1.7 DFN= -1.1 DFN= -1.4
 Highest= 71 Lowest= 19

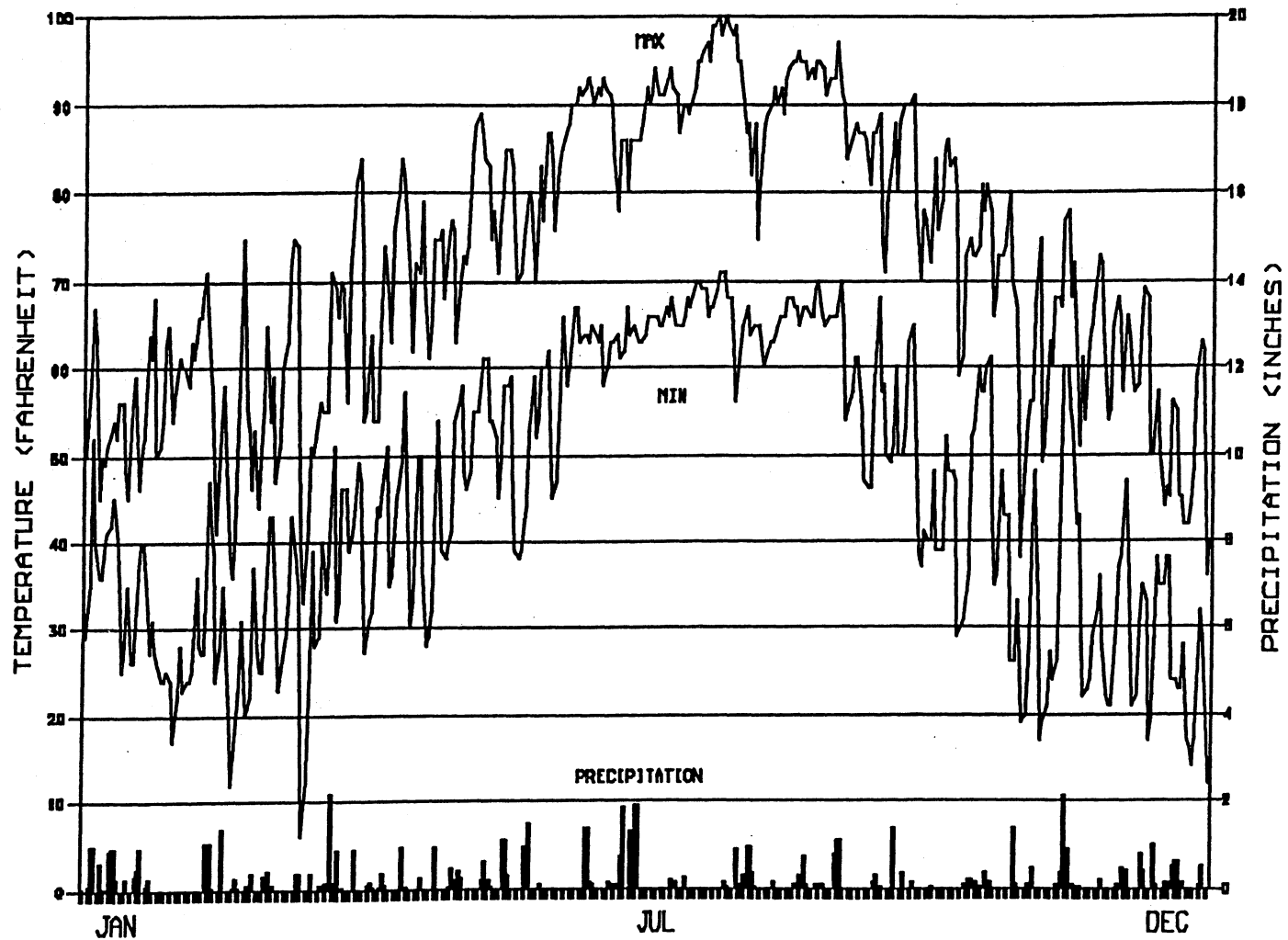
PRECIPITATION STATISTICS (inches):

Total= 4.35 DFN= -0.79 Greatest Daily= 1.20 Rain Days= 12
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 62 Lowest= 35 Average= 48

Upper Coastal Plain Substation, Winfield
Daily Precipitation, Maximum and Minimum Temperature
January 1 - December 31 1993



Monthly precipitation summary: Upper Coastal Plain Substation, Winfield

For the period: Sunday January 1, 1984
to: Thursday December 31, 1992

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1984	4.13	3.98	6.29	7.74	7.75	2.17	2.28	2.38	0.74	9.93	6.86	2.72	56.97
	-1.62	-1.30	-0.44	2.33	2.87	-1.25	-2.80	-0.75	-3.11	7.00	2.29	-2.96	0.26
1985	5.38	5.05	1.80	2.85	7.05	6.60	4.09	4.40	5.15	4.31	2.41	3.15	52.24
	-0.37	-0.03	-4.93	-2.56	2.17	3.18	-0.99	1.27	1.30	1.38	-2.16	-2.53	-4.27
1986	0.88	3.26	5.26	0.51	9.04	2.83	3.21	3.89	2.18	4.55	6.69	4.29	46.59
	-4.87	-1.82	-1.47	-4.90	4.16	-0.59	-1.87	0.76	-1.67	1.62	2.12	-1.39	-9.92
1987	5.77	7.67	3.85	0.51	1.01	3.71	1.24	0.57	1.90	0.20	3.91	3.86	34.20
	0.02	2.59	-2.88	-4.90	-3.87	0.29	-3.84	-2.56	-1.95	-2.73	-0.66	-1.82	-22.31
1988	4.59	3.41	2.66	4.07	3.48	0.02	4.81	2.63	8.00	4.13	6.07	3.67	47.54
	-1.16	-1.87	-4.07	-1.34	-1.40	-3.40	-0.27	-0.50	4.15	1.20	1.50	-2.01	-9.17
1989	9.57	8.75	5.03	3.77	4.50	8.28	7.28	3.29	5.70	2.49	4.75	3.93	67.34
	3.82	3.67	-1.70	-1.64	-0.38	4.86	2.20	0.16	1.85	-0.44	0.18	-1.75	10.83
1990	7.91	9.15	6.94	3.19	7.17	7.25	3.08	2.07	2.73	3.15	3.76	13.88	70.28
	2.16	4.07	0.21	-2.22	2.29	3.83	-2.00	-1.06	-1.12	0.22	-0.81	8.20	13.77
1991	2.90	9.58	7.84	14.83	14.93	4.43	1.86	2.89	3.08	1.44	3.30	7.43	74.51
	-2.85	4.50	1.11	9.42	10.05	1.01	-3.22	-0.24	-0.77	-1.49	-1.27	1.75	18.00
1992	2.31	4.48	3.91	1.49	1.07	4.48	8.37	5.20	2.26	3.33	8.32	4.86	50.08
	-3.44	-0.80	-2.82	-3.92	-3.81	1.06	3.29	2.07	-1.59	0.40	3.75	-0.82	-6.63

SUMMARY FOR 1984 TO 1992													
	5.75	5.28	6.73	5.41	4.88	3.42	5.08	3.13	3.85	2.93	4.57	5.68	56.71
	-8.31	9.01	-16.99	-9.73	12.08	8.99	-9.50	-0.85	-2.91	7.16	4.94	-3.33	-9.44

YEARLY TOTALS: LINE 1 OBSERVED MONTHLY RAIN TOTALS
LINE 2 DEPARTURE FROM NORMAL (DFN)
SUMMARY TOTALS: LINE 1 NORMAL MONTHLY RAIN TOTALS
LINE 2 CUMULATIVE MONTHLY DFN

NOTE: All Precip normals are based on the 1951-80 period.
Missing MONTHLY or YEARLY totals are NOT included
in the summary totals!

Daily Weather Observations: Upper Coastal Plain Substation, Winfield

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
1/ 1	56	33	45	3	0	0	0.01	55	50	53	NA	NA	898
1/ 2	50	29	40	-2	0	0	0.00	55	46	51	NA	NA	2557
1/ 3	59	35	47	5	0	0	0.00	52	46	49	NA	NA	1120
1/ 4	67	52	60	18	0	10	Trace	57	51	54	NA	NA	1201
1/ 5	64	40	52	10	0	12	0.97	59	55	57	NA	NA	438
1/ 6	45	36	41	-1	0	12	0.00	54	49	52	NA	NA	903
1/ 7	50	36	43	1	0	12	0.00	54	50	52	NA	NA	1437
1/ 8	49	39	44	2	0	12	0.59	50	49	50	NA	NA	568
1/ 9	51	41	46	4	0	12	0.03	54	50	52	NA	NA	982
1/10	53	42	48	6	0	12	0.02	53	50	52	NA	NA	829
1/11	54	45	50	8	0	12	0.90	54	51	53	NA	NA	595
1/12	52	43	48	6	0	12	0.92	51	50	51	NA	NA	425
1/13	56	40	48	6	0	12	0.23	56	51	54	NA	NA	507
1/14	56	25	41	-1	0	12	0.00	59	44	52	NA	NA	3483
1/15	48	28	38	-4	0	12	0.00	52	45	49	NA	NA	2272
1/16	45	35	40	-2	0	12	0.23	45	42	44	NA	NA	476
1/17	56	26	41	-1	0	12	0.00	55	42	49	NA	NA	3282
1/18	59	26	43	1	0	12	0.00	55	42	49	NA	NA	3327
1/19	46	37	42	0	0	12	0.28	48	45	47	NA	NA	626
1/20	50	40	45	3	0	12	0.44	50	48	49	NA	NA	364
1/21	52	40	46	4	0	12	0.91	50	48	49	NA	NA	242
1/22	64	32	48	6	0	12	0.00	59	48	54	NA	NA	2718
1/23	61	27	44	2	0	12	Trace	58	44	51	NA	NA	2857
1/24	68	31	50	8	0	12	0.24	55	44	50	NA	NA	3742
1/25	50	27	39	-3	0	12	0.00	56	42	49	NA	NA	2565
1/26	51	25	38	-5	0	12	0.00	51	40	46	NA	NA	3951
1/27	54	24	39	-4	0	12	0.00	51	40	46	NA	NA	3850
1/28	63	24	44	1	0	12	0.00	54	40	47	NA	NA	3941
1/29	65	25	45	2	0	12	0.00	54	40	47	NA	NA	3198
1/30	54	24	39	-4	0	12	0.00	51	40	46	NA	NA	2594
1/31	57	17	37	-6	0	12	0.00	53	39	46	NA	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 55.0 Mean Minimum= 33.0 Average= 44.0
 DFN= +1.8 DFN= +2.3 DFN= +2.1
 Highest= 68 Lowest= 17

PRECIPITATION STATISTICS (inches):

Total= 5.77 DFN= +0.02 Greatest Daily= 0.97 Rain Days= 13
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 59 Lowest= 39 Average= 50

AVERAGE DAILY VALUES:

Solar Radiation= 1864.9 (W/Sq M ystdy)

Daily Weather Observations: Upper Coastal Plain Substation, Winfield

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
2/ 1	61	22	42	-1	0	0	0.00	51	35	43	NA	NA	3987
2/ 2	60	28	44	1	0	0	0.00	55	40	48	NA	NA	4077
2/ 3	60	23	42	-1	0	0	0.00	55	40	48	NA	NA	4229
2/ 4	58	24	41	-2	0	0	0.00	54	38	46	NA	NA	4003
2/ 5	63	24	44	0	0	0	0.00	52	39	46	NA	NA	2997
2/ 6	61	25	43	-1	0	0	0.00	53	41	47	NA	NA	2863
2/ 7	66	36	51	7	0	1	0.00	52	45	49	NA	NA	3430
2/ 8	66	28	47	3	0	1	0.00	59	40	50	NA	NA	4216
2/ 9	69	27	48	4	0	1	0.00	60	42	51	NA	NA	4407
2/10	71	27	49	5	0	1	0.00	60	45	53	NA	NA	4553
2/11	61	47	54	9	0	5	1.02	56	48	52	NA	NA	1981
2/12	57	42	50	5	0	5	1.01	45	41	43	NA	NA	577
2/13	49	39	44	-1	0	5	0.03	52	49	51	NA	NA	1059
2/14	41	24	33	-12	0	5	0.00	41	41	41	NA	NA	1220
2/15	53	28	41	-5	0	5	0.00	55	41	48	NA	NA	4993
2/16	58	35	47	1	0	5	1.35	50	45	48	NA	NA	1336
2/17	51	30	41	-5	0	5	0.00	49	43	46	NA	NA	1167
2/18	38	20	29	-17	0	5	0.00	46	40	43	NA	NA	1768
2/19	36	12	24	-23	0	5	0.00	44	39	42	NA	NA	4924
2/20	40	15	28	-19	0	5	0.05	41	36	39	NA	NA	2430
2/21	62	23	43	-4	0	5	0.23	53	36	45	NA	NA	692
2/22	75	31	53	6	0	8	0.02	60	46	53	NA	NA	2530
2/23	55	20	38	-10	0	8	0.00	55	41	48	NA	NA	3527
2/24	53	21	37	-11	0	8	0.00	55	40	48	NA	NA	4917
2/25	46	22	34	-14	0	8	Trace	49	39	44	NA	NA	3280
2/26	53	37	45	-3	0	8	0.35	46	41	44	NA	NA	833
2/27	44	27	36	-13	0	8	0.00	49	41	45	NA	NA	1508
2/28	50	25	38	-11	0	8	0.00	54	41	48	NA	NA	4210

AIR TEMPERATURES (in degrees F):

Mean Maximum= 55.6 Mean Minimum= 27.2 Average= 41.4
 DFN= -2.0 DFN= -5.9 DFN= -3.9
 Highest= 75 Lowest= 12

PRECIPITATION STATISTICS (inches):

Total= 4.06 DFN= -1.02 Greatest Daily= 1.35 Rain Days= 8
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 60 Lowest= 35 Average= 47

AVERAGE DAILY VALUES:

 Solar Radiation= 2918.4 (W/Sq M ystdy)

Daily Weather Observations: Upper Coastal Plain Substation, Winfield

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
3/ 1	55	25	40	-9	0	0	0.00	54	40	47	NA	NA	4064
3/ 2	65	32	49	0	0	0	0.28	59	43	51	NA	NA	4168
3/ 3	54	43	49	-1	0	0	0.42	51	50	51	NA	NA	395
3/ 4	59	43	51	1	0	1	Trace	56	50	53	NA	NA	1394
3/ 5	47	36	42	-8	0	1	Trace	50	45	48	NA	NA	785
3/ 6	51	23	37	-14	0	1	0.00	53	41	47	NA	NA	2653
3/ 7	60	25	43	-8	0	1	0.00	60	41	51	NA	NA	5482
3/ 8	63	29	46	-5	0	1	0.00	56	45	51	NA	NA	3455
3/ 9	72	34	53	2	0	4	0.00	62	44	53	NA	NA	5523
3/10	75	43	59	7	0	13	0.00	64	49	57	NA	NA	5489
3/11	74	38	56	4	0	19	0.00	64	50	57	NA	NA	5357
3/12	55	35	45	-7	0	19	0.00	61	49	55	NA	NA	4463
3/13	39	23	31	-21	0	19	0.36	49	42	46	NA	NA	855
3/14	33	6	20	-33	0	19	0.00	42	38	40	NA	NA	3831
3/15	41	12	27	-26	0	19	0.00	41	38	40	NA	NA	6149
3/16	51	24	38	-15	0	19	0.00	48	38	43	NA	NA	5329
3/17	50	39	45	-8	0	19	0.31	47	39	43	NA	NA	1267
3/18	52	28	40	-14	0	19	0.00	50	42	46	NA	NA	967
3/19	56	29	43	-11	0	19	0.00	55	40	48	NA	NA	4764
3/20	55	40	48	-6	0	19	Trace	50	44	47	NA	NA	2558
3/21	55	34	45	-10	0	19	Trace	53	45	49	NA	NA	2089
3/22	71	40	56	1	0	25	0.13	65	45	55	NA	NA	4908
3/23	69	51	60	5	0	35	2.16	63	55	59	NA	NA	2154
3/24	66	31	49	-7	0	35	0.02	64	51	58	NA	NA	1728
3/25	70	33	52	-4	0	37	0.11	69	50	60	NA	NA	5784
3/26	69	46	58	2	0	45	0.88	66	56	61	NA	NA	3770
3/27	56	46	51	-6	0	46	0.01	59	55	57	NA	NA	1472
3/28	72	39	56	-1	0	52	0.00	65	54	60	NA	NA	3137
3/29	76	40	58	1	0	60	0.00	71	55	63	NA	NA	6377
3/30	81	42	62	4	2	72	0.00	74	59	67	NA	NA	6306
3/31	84	49	67	9	9	89	0.86	73	58	66	NA	NA	4019

AIR TEMPERATURES (in degrees F):

Mean Maximum= 60.5 Mean Minimum= 34.1 Average= 47.3
 DFN= -5.4 DFN= -6.1 DFN= -5.7
 Highest= 84 Lowest= 6

PRECIPITATION STATISTICS (inches):

Total= 5.54 DFN= -1.19 Greatest Daily= 2.16 Rain Days= 11
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 74 Lowest= 38 Average= 52

AVERAGE DAILY VALUES:

 Solar Radiation= 3570.7 (W/Sq M ystdy)

Daily Weather Observations: Upper Coastal Plain Substation, Winfield

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			VEG WET	SOLAR ENERGY	
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			EVAP
4/ 1	74	47	61	3	1	11	0.00	71	59	65	NA	NA	4657
4/ 2	54	35	45	-14	1	11	0.00	59	51	55	NA	NA	1282
4/ 3	55	27	41	-18	1	11	0.00	65	48	57	NA	NA	5117
4/ 4	64	31	48	-11	1	11	Trace	66	48	57	NA	NA	5114
4/ 5	54	32	43	-16	1	11	0.10	55	55	55	NA	NA	NA
4/ 6	54	44	49	-11	1	11	0.02	56	54	55	NA	NA	605
4/ 7	66	43	55	-5	1	16	0.00	68	55	62	NA	NA	5299
4/ 8	74	46	60	0	1	26	0.01	71	54	63	0.25	NA	6363
4/ 9	68	51	60	-1	1	36	0.34	64	58	61	0.11	NA	2824
4/10	63	35	49	-12	1	36	Trace	66	53	60	0.11	NA	2960
4/11	76	36	56	-5	1	42	0.00	73	50	62	0.18	NA	6609
4/12	80	45	63	2	4	55	0.00	76	56	66	0.21	NA	6684
4/13	84	47	66	4	10	71	0.00	80	59	70	0.17	NA	6557
4/14	82	49	66	4	16	87	0.00	78	60	69	0.31	NA	6263
4/15	78	57	68	6	24	105	0.91	74	62	68	0.32	NA	3961
4/16	69	39	54	-9	24	109	0.01	68	58	63	0.11	NA	2116
4/17	62	30	46	-17	24	109	0.00	66	52	59	0.24	NA	5735
4/18	72	33	53	-10	24	112	0.00	71	52	62	0.23	NA	6277
4/19	71	50	61	-2	25	123	0.00	72	59	66	0.24	NA	5054
4/20	79	50	65	1	30	138	0.00	75	58	67	0.32	NA	6877
4/21	69	36	53	-11	30	141	0.25	65	55	60	0.25	NA	1456
4/22	61	28	45	-19	30	141	0.00	69	51	60	0.19	NA	5936
4/23	65	29	47	-17	30	141	0.00	62	50	56	0.21	NA	7567
4/24	75	32	54	-10	30	145	0.00	73	51	62	0.23	NA	6871
4/25	75	54	65	0	35	160	0.00	73	60	67	0.21	NA	5067
4/26	76	47	62	-3	37	172	0.94	70	60	65	0.11	NA	1974
4/27	68	39	54	-11	37	176	0.00	70	56	63	0.14	NA	4524
4/28	75	38	57	-8	37	183	0.00	74	55	65	0.23	NA	7610
4/29	77	40	59	-7	37	192	0.00	76	57	67	0.26	NA	7584
4/30	76	41	59	-7	37	201	0.02	76	59	68	0.21	NA	6496

AIR TEMPERATURES (in degrees F):

Mean Maximum= 69.9 Mean Minimum= 40.4 Average= 55.1
 DFN= -6.2 DFN= -7.8 DFN= -7.0
 Highest= 84 Lowest= 27

PRECIPITATION STATISTICS (inches):

Total= 2.60 DFN= -2.81 Greatest Daily= 0.94 Rain Days= 9
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 80 Lowest= 48 Average= 62

AVERAGE DAILY VALUES:

 Pan Evaporation= .21 (in)
 Solar Radiation= 5015.1 (W/Sq M ystdy)

Daily Weather Observations: Upper Coastal Plain Substation, Winfield

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
5/ 1	63	54	59	-7	0	9	0.46	65	63	64	0.09	NA	1216
5/ 2	70	56	63	-3	3	22	0.16	69	62	66	0.01	NA	2855
5/ 3	73	58	66	-1	9	38	0.40	71	61	66	0.09	NA	2684
5/ 4	72	48	60	-7	9	48	0.26	70	63	67	0.08	NA	1785
5/ 5	74	46	60	-7	9	58	0.00	75	62	69	0.13	NA	5292
5/ 6	85	48	67	0	16	75	0.00	81	61	71	0.22	NA	7393
5/ 7	88	55	72	4	28	97	0.00	84	65	75	0.22	NA	6554
5/ 8	89	55	72	4	40	119	0.00	85	67	76	0.24	NA	6740
5/ 9	87	58	73	5	53	142	0.00	83	67	75	0.20	NA	6259
5/10	84	61	73	5	66	165	0.00	82	70	76	0.24	NA	5876
5/11	83	61	72	4	78	187	0.17	82	72	77	0.19	NA	5004
5/12	75	54	65	-4	83	202	0.60	76	67	72	0.09	NA	2125
5/13	78	54	66	-3	89	218	0.19	73	66	70	0.19	NA	6393
5/14	71	52	62	-7	91	230	0.04	78	67	73	0.16	NA	4098
5/15	77	45	61	-8	92	241	0.00	82	63	73	0.24	NA	7520
5/16	80	49	65	-5	97	256	0.00	84	64	74	0.24	NA	7714
5/17	85	58	72	2	109	278	0.00	85	65	75	0.19	NA	7016
5/18	85	58	72	2	121	300	1.10	86	70	78	0.38	NA	5665
5/19	83	59	71	1	132	321	0.30	86	68	77	0.28	NA	7304
5/20	76	47	62	-9	134	333	0.00	82	66	74	0.22	NA	5352
5/21	70	39	55	-16	134	338	0.00	78	61	70	0.20	NA	6330
5/22	71	38	55	-16	134	343	0.00	78	61	70	0.23	NA	7309
5/23	75	39	57	-14	134	350	0.00	83	59	71	0.22	NA	7886
5/24	80	44	62	-10	136	362	0.00	67	63	65	0.31	NA	7853
5/25	79	53	66	-6	142	378	0.96	80	65	73	0.16	NA	4771
5/26	70	59	65	-7	147	393	1.45	74	68	71	0.15	NA	1583
5/27	76	52	64	-8	151	407	0.00	78	66	72	0.18	NA	3892
5/28	83	54	69	-4	160	426	0.00	84	64	74	0.13	NA	6122
5/29	77	60	69	-4	169	445	0.00	78	68	73	0.06	NA	2782
5/30	87	60	74	1	183	469	Trace	89	69	79	0.25	NA	6322
5/31	87	62	75	2	198	494	0.00	90	71	81	0.28	NA	6948

AIR TEMPERATURES (in degrees F):

Mean Maximum= 78.5 Mean Minimum= 52.8 Average= 65.6
 DFN= -4.4 DFN= -3.0 DFN= -3.7
 Highest= 89 Lowest= 38

PRECIPITATION STATISTICS (inches):

Total= 6.09 DFN= +1.21 Greatest Daily= 1.45 Rain Days= 12
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 90 Lowest= 59 Average= 72

AVERAGE DAILY VALUES:

 Pan Evaporation= .19 (in)
 Solar Radiation= 5375.6 (W/Sq M ystdy)

Daily Weather Observations: Upper Coastal Plain Substation, Winfield

DATE	AIR TEMPERATURE				GDD		PRECIP	4 INCH SOIL			EVAP	VEG	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50		MAX	MIN	MEAN			
6/ 1	84	53	69	-5	9	19	0.00	91	71	81	0.29	NA	6717
6/ 2	76	45	61	-13	10	30	0.00	88	68	78	0.31	NA	8102
6/ 3	83	47	65	-9	15	45	0.00	89	67	78	0.26	NA	7632
6/ 4	85	56	71	-3	26	66	0.00	91	69	80	0.23	NA	7656
6/ 5	86	66	76	1	42	92	0.00	89	74	82	0.14	NA	5679
6/ 6	88	58	73	-2	55	115	0.00	88	77	83	0.22	NA	4272
6/ 7	90	60	75	0	70	140	0.00	85	71	78	0.30	NA	6731
6/ 8	90	67	79	4	89	169	0.00	93	76	85	0.25	NA	7174
6/ 9	92	67	80	4	109	199	0.00	96	76	86	0.22	NA	7338
6/10	91	63	77	1	126	226	0.00	96	78	87	0.29	NA	6259
6/11	92	64	78	2	144	254	0.00	97	73	85	0.24	NA	6461
6/12	93	64	79	3	163	283	0.00	97	78	88	0.31	NA	6468
6/13	92	63	78	2	181	311	0.00	96	79	88	0.23	NA	5980
6/14	90	65	78	1	199	339	1.35	94	76	85	0.33	NA	4464
6/15	92	64	78	1	217	367	0.10	92	75	84	0.24	NA	6351
6/16	91	63	77	0	234	394	0.08	93	77	85	0.23	NA	6313
6/17	93	65	79	2	253	423	0.00	92	66	79	0.27	NA	6545
6/18	92	58	75	-2	268	448	0.00	90	75	83	0.24	NA	7051
6/19	91	60	76	-1	284	474	0.00	93	73	83	0.40	NA	7218
6/20	90	63	77	-1	301	501	0.00	84	75	80	0.22	NA	5783
6/21	84	63	74	-4	315	525	0.13	92	78	85	0.14	NA	3559
6/22	78	64	71	-7	326	546	0.07	82	76	79	0.09	NA	2625
6/23	86	61	74	-4	340	570	Trace	90	74	82	0.17	NA	4910
6/24	86	62	74	-4	354	594	0.00	90	74	82	0.23	NA	5779
6/25	80	67	74	-4	368	618	0.74	83	76	80	0.15	NA	3326
6/26	86	64	75	-3	383	643	1.81	87	76	82	NA	NA	4148
6/27	86	65	76	-2	399	669	0.00	88	75	82	0.14	NA	4926
6/28	86	64	75	-3	414	694	1.28	90	76	83	NA	NA	5410
6/29	86	63	75	-4	429	719	1.11	88	76	82	NA	NA	4448
6/30	88	63	76	-3	445	745	1.92	88	73	81	NA	NA	5109

AIR TEMPERATURES (in degrees F):

Mean Maximum= 87.6 Mean Minimum= 61.6 Average= 74.6
 DFN= -2.0 DFN= -1.4 DFN= -1.7
 Highest= 93 Lowest= 45

PRECIPITATION STATISTICS (inches):

Total= 8.59 DFN= +5.17 Greatest Daily= 1.92 Rain Days= 10
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 97 Lowest= 66 Average= 82

AVERAGE DAILY VALUES:

 Pan Evaporation= .24 (in)
 Solar Radiation= 5814.5 (W/Sq M ystdy)

Daily Weather Observations: Upper Coastal Plain Substation, Winfield

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
7/ 1	92	64	78	-1	18	28	0.00	92	73	83	0.25	NA	6566
7/ 2	90	66	78	-1	36	56	0.00	90	77	84	0.25	NA	6259
7/ 3	91	66	79	0	55	85	0.00	91	77	84	0.31	NA	6828
7/ 4	94	66	80	1	75	115	0.00	94	79	87	0.28	NA	7022
7/ 5	91	66	79	0	94	144	0.00	94	79	87	0.30	NA	6830
7/ 6	91	65	78	-1	112	172	0.00	95	80	88	0.27	NA	6600
7/ 7	91	65	78	-2	130	200	0.00	90	77	84	0.27	NA	7060
7/ 8	93	67	80	0	150	230	0.00	90	81	86	0.28	NA	6955
7/ 9	94	66	80	0	170	260	0.00	92	80	86	0.28	NA	6723
7/10	92	68	80	0	190	290	0.00	93	80	87	0.36	NA	6489
7/11	91	65	78	-2	208	318	0.00	95	82	89	0.30	NA	6672
7/12	87	65	76	-4	224	344	0.16	91	81	86	0.20	NA	4679
7/13	90	65	78	-2	242	372	0.13	93	80	87	0.23	NA	5028
7/14	90	66	78	-2	260	400	0.00	93	76	85	0.13	NA	6280
7/15	89	68	79	-1	279	429	0.00	91	79	85	0.12	NA	4448
7/16	90	67	79	-1	298	458	0.23	92	80	86	0.31	NA	6003
7/17	92	69	81	1	319	489	0.00	94	79	87	0.36	NA	6760
7/18	95	70	83	3	342	522	0.00	98	81	90	0.27	NA	6844
7/19	95	70	83	3	365	555	0.00	97	82	90	0.35	NA	6998
7/20	96	69	83	3	388	588	0.00	98	84	91	0.32	NA	6930
7/21	97	69	83	3	411	621	0.00	96	84	90	0.25	NA	8594
7/22	95	66	81	1	432	652	0.00	97	81	89	0.37	NA	6650
7/23	99	67	83	3	455	685	0.00	94	82	88	0.30	NA	6967
7/24	99	67	83	3	478	718	0.00	98	83	91	0.26	NA	6296
7/25	100	69	85	5	503	753	0.00	98	85	92	0.34	NA	5896
7/26	98	71	85	5	528	788	0.00	99	85	92	0.34	NA	6717
7/27	100	71	86	6	554	824	0.00	99	83	91	0.34	NA	6538
7/28	99	68	84	4	578	858	0.00	99	84	92	0.29	NA	5628
7/29	98	68	83	3	601	891	0.11	98	83	91	0.21	NA	5612
7/30	99	63	81	1	622	922	0.03	97	80	89	0.20	NA	5381
7/31	95	56	76	-4	638	948	0.00	96	78	87	0.40	NA	7420

AIR TEMPERATURES (in degrees F):

Mean Maximum= 94.0 Mean Minimum= 66.7 Average= 80.3
 DFN= +1.7 DFN= -0.1 DFN= +0.8
 Highest= 100 Lowest= 56

PRECIPITATION STATISTICS (inches):

Total= 0.66 DFN= -4.42 Greatest Daily= 0.23 Rain Days= 5
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 99 Lowest= 73 Average= 88

AVERAGE DAILY VALUES:

 Pan Evaporation= .28 (in)
 Solar Radiation= 6441.1 (W/Sq M ystdy)

Daily Weather Observations: Upper Coastal Plain Substation, Winfield

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
8/ 1	95	59	77	-3	17	27	0.00	96	79	88	0.30	NA	7041
8/ 2	90	65	78	-2	35	55	0.90	89	78	84	0.13	NA	3084
8/ 3	87	66	77	-3	52	82	Trace	88	77	83	0.21	NA	8760
8/ 4	88	67	78	-2	70	110	0.30	88	78	83	0.12	NA	3560
8/ 5	82	64	73	-7	83	133	Trace	83	77	80	0.09	NA	2690
8/ 6	88	65	77	-3	100	160	0.95	87	78	83	0.30	NA	5273
8/ 7	75	65	70	-10	110	180	0.36	78	77	78	0.02	NA	1361
8/ 8	81	65	73	-6	123	203	0.03	82	78	80	0.11	NA	2853
8/ 9	88	60	74	-5	137	227	0.00	86	76	81	0.20	NA	5635
8/10	89	61	75	-4	152	252	0.00	83	75	79	0.26	NA	6866
8/11	90	63	77	-2	169	279	0.00	83	76	80	0.15	NA	6193
8/12	92	63	78	-1	187	307	0.00	90	77	84	0.28	NA	6588
8/13	90	64	77	-2	204	334	0.00	90	78	84	0.17	NA	5307
8/14	92	66	79	0	223	363	0.12	89	79	84	0.28	NA	4276
8/15	89	66	78	-1	241	391	0.00	88	78	83	0.22	NA	5845
8/16	93	66	80	1	261	421	0.00	91	80	86	0.15	NA	6454
8/17	94	68	81	2	282	452	0.00	91	80	86	0.27	NA	5602
8/18	95	68	82	3	304	484	0.00	92	80	86	0.18	NA	5806
8/19	95	67	81	2	325	515	0.00	94	78	86	0.18	NA	6179
8/20	96	67	82	3	347	547	0.00	94	79	87	0.23	NA	6230
8/21	95	65	80	2	367	577	0.08	91	80	86	0.20	NA	3748
8/22	95	67	81	3	388	608	0.29	92	80	86	0.29	NA	NA
8/23	93	67	80	2	408	638	0.00	91	80	86	0.07	NA	NA
8/24	94	66	80	2	428	668	0.70	90	80	85	0.36	NA	NA
8/25	93	66	80	2	448	698	Trace	90	78	84	0.19	NA	NA
8/26	95	69	82	4	470	730	0.00	90	78	84	0.27	NA	NA
8/27	95	70	83	5	493	763	0.00	90	80	85	0.15	NA	NA
8/28	94	66	80	2	513	793	Trace	90	81	86	0.28	NA	NA
8/29	91	65	78	0	531	821	Trace	88	80	84	0.14	NA	NA
8/30	93	66	80	3	551	851	Trace	87	79	83	0.16	NA	NA
8/31	93	66	80	3	571	881	0.00	89	79	84	0.17	NA	NA

AIR TEMPERATURES (in degrees F):

Mean Maximum= 91.0 Mean Minimum= 65.4 Average= 78.2
 DFN= -0.7 DFN= -0.4 DFN= -0.6
 Highest= 96 Lowest= 59

PRECIPITATION STATISTICS (inches):

Total= 3.73 DFN= +0.60 Greatest Daily= 0.95 Rain Days= 9
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 96 Lowest= 75 Average= 84

AVERAGE DAILY VALUES:

 Pan Evaporation= .20 (in)
 Solar Radiation= 5207.2 (W/Sq M ystdy)

Daily Weather Observations: Upper Coastal Plain Substation, Winfield

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
9/ 1	93	66	80	3	20	30	0.00	90	80	85	0.18	NA	NA
9/ 2	97	66	82	5	42	62	0.00	91	80	86	0.28	NA	4780
9/ 3	91	70	81	4	63	93	0.76	89	81	85	0.28	NA	4117
9/ 4	90	65	78	1	81	121	1.06	88	78	83	0.37	NA	4179
9/ 5	84	54	69	-8	90	140	0.00	85	75	80	0.23	NA	5007
9/ 6	85	55	70	-6	100	160	0.00	85	75	80	0.24	NA	6419
9/ 7	87	57	72	-4	112	182	0.00	84	72	78	0.14	NA	5941
9/ 8	88	61	75	-1	127	207	0.00	84	75	80	0.20	NA	5238
9/ 9	87	61	74	-2	141	231	0.00	86	74	80	0.22	NA	5526
9/10	87	55	71	-5	152	252	0.00	85	76	81	0.11	NA	5571
9/11	86	47	67	-8	159	269	0.00	85	73	79	0.30	NA	5707
9/12	81	46	64	-11	163	283	0.00	83	72	78	0.23	NA	7025
9/13	87	46	67	-8	170	300	0.00	84	70	77	0.18	NA	6575
9/14	87	58	73	-1	183	323	0.00	82	74	78	0.13	NA	3888
9/15	89	68	79	5	202	352	0.15	84	77	81	0.24	NA	4461
9/16	74	57	66	-8	208	368	0.28	78	74	76	0.05	NA	1119
9/17	71	58	65	-8	213	383	0.02	76	69	73	0.06	NA	1581
9/18	79	50	65	-8	218	398	0.00	81	70	76	0.11	NA	6149
9/19	84	49	67	-6	225	415	0.00	81	70	76	0.27	NA	6388
9/20	88	51	70	-3	235	435	0.00	82	75	79	0.16	NA	6378
9/21	80	60	70	-2	245	455	1.36	76	71	74	NA	NA	1649
9/22	88	50	69	-3	254	474	0.00	83	72	78	0.17	NA	6277
9/23	90	50	70	-2	264	494	0.00	82	72	77	0.23	NA	6468
9/24	90	53	72	1	276	516	0.31	83	72	78	0.28	NA	5532
9/25	90	63	77	6	293	543	0.00	85	74	80	0.15	NA	5144
9/26	91	65	78	8	311	571	0.00	84	77	81	0.29	NA	5612
9/27	78	56	67	-3	318	588	0.10	81	74	78	0.13	NA	2608
9/28	70	38	54	-15	318	592	0.00	80	67	74	0.25	NA	6204
9/29	78	37	58	-11	318	600	0.00	78	57	68	0.07	NA	6052
9/30	77	41	59	-10	318	609	0.00	77	66	72	0.22	NA	5924

AIR TEMPERATURES (in degrees F):

Mean Maximum= 84.9 Mean Minimum= 55.1 Average= 70.0
 DFN= -1.7 DFN= -5.1 DFN= -3.4
 Highest= 97 Lowest= 37

PRECIPITATION STATISTICS (inches):

Total= 4.04 DFN= +0.19 Greatest Daily= 1.36 Rain Days= 8
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 91 Lowest= 57 Average= 78

AVERAGE DAILY VALUES:

 Pan Evaporation= .20 (in)
 Solar Radiation= 5086.9 (W/Sq M ystdy)

Daily Weather Observations: Upper Coastal Plain Substation, Winfield

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
10/ 1	72	40	56	-12	0	6	0.00	74	66	70	0.14	NA	5933
10/ 2	78	40	59	-9	0	15	0.00	74	65	70	0.20	NA	5531
10/ 3	84	48	66	-1	6	31	0.04	78	65	72	0.20	NA	5633
10/ 4	76	39	58	-9	6	39	0.00	77	67	72	0.18	NA	5522
10/ 5	79	39	59	-7	6	48	0.00	77	66	72	0.20	NA	5949
10/ 6	85	39	62	-4	8	60	0.00	77	65	71	0.20	NA	5709
10/ 7	86	52	69	3	17	79	0.00	77	67	72	0.19	NA	5500
10/ 8	83	48	66	1	23	95	0.00	77	59	68	0.15	NA	4186
10/ 9	84	48	66	1	29	111	0.00	78	59	69	0.20	NA	5224
10/10	80	47	64	0	33	125	0.00	75	69	72	0.16	NA	3250
10/11	59	29	44	-20	33	125	0.00	71	62	67	NA	NA	2763
10/12	61	30	46	-18	33	125	0.00	66	60	63	0.04	NA	3161
10/13	73	31	52	-11	33	127	0.00	72	59	66	0.10	NA	5317
10/14	75	36	56	-7	33	133	Trace	71	61	66	0.11	NA	4106
10/15	73	52	63	1	36	146	0.00	71	65	68	0.11	NA	3415
10/16	73	53	63	1	39	159	0.20	70	65	68	0.07	NA	1767
10/17	74	60	67	6	46	176	0.02	70	70	70	0.11	NA	1268
10/18	81	57	69	8	55	195	0.15	75	69	72	0.05	NA	2131
10/19	78	57	68	7	63	213	0.05	73	70	72	0.16	NA	1917
10/20	81	60	71	11	74	234	0.00	75	69	72	0.01	NA	2922
10/21	78	61	70	10	84	254	0.35	72	70	71	0.08	NA	1515
10/22	66	43	55	-5	84	259	0.12	69	61	65	0.04	NA	765
10/23	68	35	52	-7	84	261	0.00	68	59	64	0.16	NA	4139
10/24	73	36	55	-4	84	266	0.00	68	58	63	0.12	NA	4500
10/25	73	48	61	2	85	277	0.00	69	64	67	0.10	NA	2888
10/26	74	43	59	1	85	286	0.00	70	64	67	0.13	NA	2912
10/27	80	43	62	4	87	298	0.00	71	64	68	0.13	NA	4593
10/28	70	26	48	-10	87	298	0.00	71	59	65	NA	NA	4381
10/29	67	26	47	-10	87	298	0.00	67	58	63	NA	NA	4749
10/30	57	33	45	-12	87	298	1.38	61	58	60	0.02	NA	270
10/31	38	27	33	-23	87	298	Trace	58	52	55	NA	NA	531

AIR TEMPERATURES (in degrees F):

Mean Maximum= 73.5 Mean Minimum= 42.8 Average= 58.1
 DFN= -3.8 DFN= -3.5 DFN= -3.6
 Highest= 86 Lowest= 26

PRECIPITATION STATISTICS (inches):

Total= 2.31 DFN= -0.62 Greatest Daily= 1.38 Rain Days= 8
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 78 Lowest= 52 Average= 68

AVERAGE DAILY VALUES:

 Pan Evaporation= .12 (in)
 Solar Radiation= 3627.3 (W/Sq M ystdy)

Daily Weather Observations: Upper Coastal Plain Substation, Winfield

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			VEG WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN		
11/ 1	44	19	32	-24	0	0	0.00	56	48	52	NA	2266
11/ 2	54	20	37	-19	0	0	0.00	56	47	52	NA	4509
11/ 3	56	27	42	-13	0	0	0.00	56	47	52	NA	3106
11/ 4	56	40	48	-7	0	0	0.07	56	51	54	NA	849
11/ 5	68	48	58	3	0	8	0.43	60	55	58	NA	405
11/ 6	75	31	53	-2	0	11	0.00	72	55	64	NA	2221
11/ 7	49	17	33	-21	0	11	0.00	60	49	55	NA	4101
11/ 8	51	19	35	-19	0	11	0.00	56	48	52	NA	4342
11/ 9	63	21	42	-11	0	11	0.00	57	48	53	NA	4268
11/10	60	27	44	-9	0	11	0.00	56	50	53	NA	1812
11/11	68	24	46	-7	0	11	0.00	60	50	55	NA	4096
11/12	68	26	47	-6	0	11	0.00	58	49	54	NA	3704
11/13	67	42	55	3	0	16	Trace	58	52	55	NA	2813
11/14	77	60	69	17	9	35	0.31	64	59	62	NA	1655
11/15	78	60	69	17	18	54	2.12	67	63	65	NA	968
11/16	68	55	62	10	20	66	0.41	67	65	66	NA	445
11/17	72	53	63	12	23	79	0.89	67	63	65	NA	1358
11/18	59	42	51	0	23	80	Trace	67	59	63	NA	NA
11/19	51	43	47	-4	23	80	0.00	60	57	59	NA	780
11/20	61	30	46	-4	23	80	0.02	60	53	57	NA	1644
11/21	54	22	38	-12	23	80	0.00	57	47	52	NA	3852
11/22	63	23	43	-7	23	80	0.00	57	47	52	NA	3824
11/23	65	24	45	-4	23	80	0.00	56	46	51	NA	3817
11/24	68	29	49	0	23	80	0.00	58	48	53	NA	3140
11/25	73	32	53	4	23	83	0.00	61	49	55	NA	3392
11/26	72	36	54	5	23	87	0.00	60	54	57	NA	2376
11/27	64	28	46	-3	23	87	0.21	60	52	56	NA	2163
11/28	54	22	38	-10	23	87	0.00	56	46	51	NA	3622
11/29	55	21	38	-10	23	87	0.00	54	45	50	NA	3580
11/30	65	21	43	-5	23	87	0.00	55	44	50	NA	3580

AIR TEMPERATURES (in degrees F):

Mean Maximum= 62.6 Mean Minimum= 32.1 Average= 47.3
 DFN= -2.5 DFN= -5.8 DFN= -4.2
 Highest= 78 Lowest= 17

PRECIPITATION STATISTICS (inches):

Total= 4.46 DFN= -0.11 Greatest Daily= 2.12 Rain Days= 8
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 72 Lowest= 44 Average= 56

AVERAGE DAILY VALUES:

 Solar Radiation= 2713.4 (W/Sq M ystdy)

Daily Weather Observations: Upper Coastal Plain Substation, Winfield

DATE	AIR TEMPERATURE				GDD			4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN			
12/ 1	68	30	49	1	0	0	0.00	66	45	56	NA	NA	3541
12/ 2	66	37	52	5	0	2	0.00	56	47	52	NA	NA	3368
12/ 3	57	38	48	1	0	2	0.00	53	49	51	NA	NA	867
12/ 4	66	47	57	10	0	9	0.48	59	49	54	NA	NA	2035
12/ 5	64	40	52	5	0	11	0.40	62	55	59	NA	NA	623
12/ 6	60	29	45	-1	0	11	0.00	60	50	55	NA	NA	3053
12/ 7	57	21	39	-7	0	11	0.00	56	46	51	NA	NA	3258
12/ 8	58	22	40	-6	0	11	0.00	54	45	50	NA	NA	3436
12/ 9	65	31	48	3	0	11	0.00	57	50	54	NA	NA	3285
12/10	69	35	52	7	0	13	0.77	56	49	53	NA	NA	1705
12/11	68	33	51	6	0	14	0.39	61	49	55	NA	NA	1400
12/12	50	17	34	-11	0	14	0.00	53	44	49	NA	NA	3949
12/13	50	19	35	-10	0	14	0.00	50	44	47	NA	NA	2954
12/14	57	38	48	3	0	14	0.98	50	45	48	NA	NA	1622
12/15	50	35	43	-2	0	14	0.08	51	47	49	NA	NA	742
12/16	44	35	40	-4	0	14	0.00	48	46	47	NA	NA	710
12/17	46	38	42	-2	0	14	0.00	49	48	49	NA	NA	657
12/18	45	38	42	-2	0	14	0.11	49	49	49	NA	NA	597
12/19	56	24	40	-4	0	14	0.00	51	45	48	NA	NA	1291
12/20	55	24	40	-4	0	14	0.50	52	43	48	NA	NA	3277
12/21	45	23	34	-10	0	14	0.63	46	44	45	NA	NA	258
12/22	45	23	34	-10	0	14	0.00	50	44	47	NA	NA	3335
12/23	42	28	35	-9	0	14	0.10	44	44	44	NA	NA	790
12/24	42	17	30	-13	0	14	0.00	49	40	45	NA	NA	2973
12/25	44	16	30	-13	0	14	0.00	45	39	42	NA	NA	3012
12/26	48	14	31	-12	0	14	0.00	45	38	42	NA	NA	2602
12/27	59	17	38	-5	0	14	0.00	45	38	42	NA	NA	3355
12/28	63	32	48	5	0	14	Trace	50	39	45	NA	NA	2277
12/29	62	29	46	3	0	14	0.51	52	48	50	NA	NA	511
12/30	36	18	27	-16	0	14	0.00	49	40	45	NA	NA	668
12/31	40	12	26	-16	0	14	0.00	45	38	42	NA	NA	3491

AIR TEMPERATURES (in degrees F):

Mean Maximum= 54.1 Mean Minimum= 27.7 Average= 40.9
 DFN= -2.0 DFN= -4.9 DFN= -3.4
 Highest= 69 Lowest= 12

PRECIPITATION STATISTICS (inches):

Total= 5.03 DFN= -0.65 Greatest Daily= 0.98 Rain Days= 12
 Daily precipitation amount of Trace is less than .01 inch.

SOIL TEMPERATURES (in degrees F):

Highest= 66 Lowest= 38 Average= 49

AVERAGE DAILY VALUES:

 Solar Radiation= 2117.5 (W/Sq M ystdy)

